MAD

JULY 2018

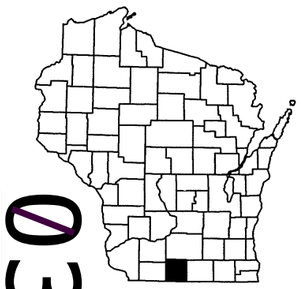
PROJECT ID: 1706-02-72

COUNTY: GREEN

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
~~Section No.~~	~~4~~	~~Right of Way Plat~~
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 712



03

N

DESIGN DESIGNATION

A.A.D.T.	2019	=	6600-15500
A.A.D.T.	2039	=	8000-18700
D.H.V.		=	407-1053
D.D.		=	60-40
T.		=	19.1%
DESIGN SPEED		=	70MPH
ESALS		=	4,900,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MONROE - BRODHEAD

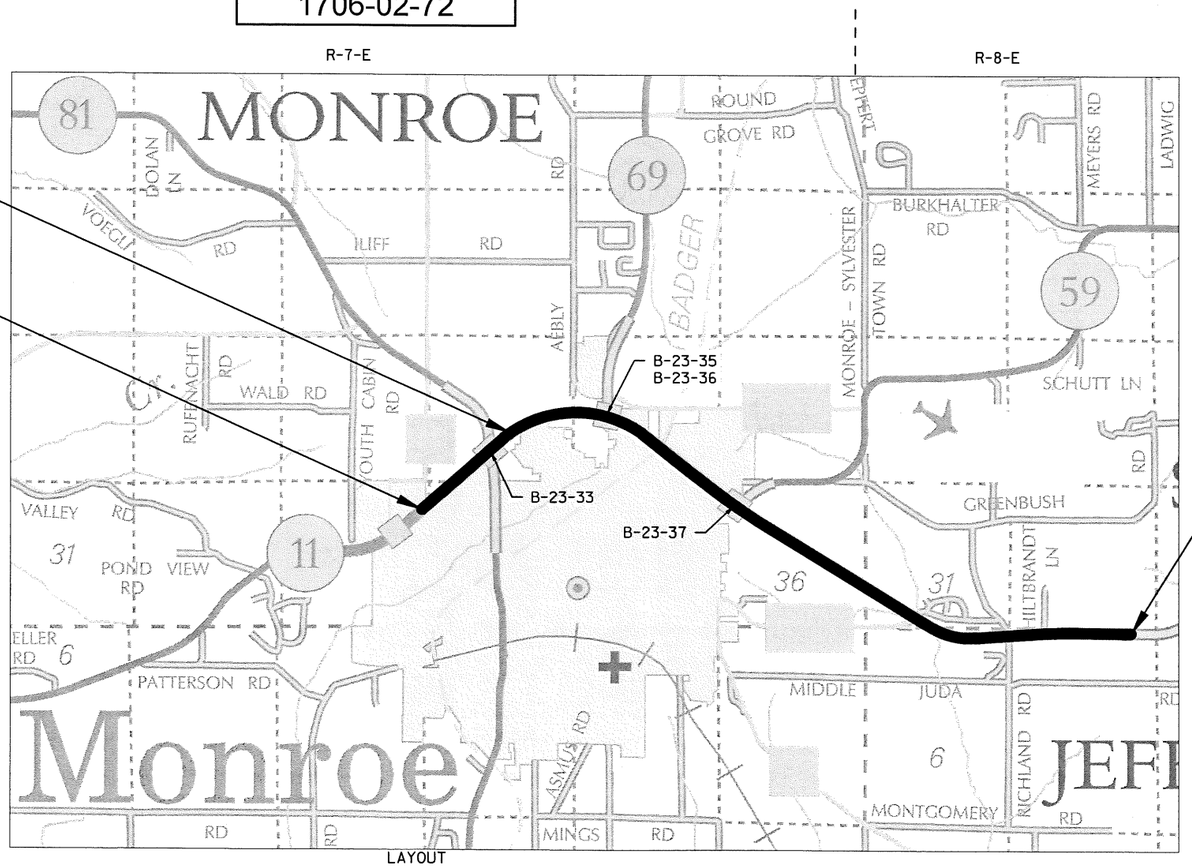
STH 81 TO HILTBRAND ROAD EB & WB

STH 11

GREEN COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1706-02-72	WISC 2018301	1

STATE PROJECT NUMBER
1706-02-72



LAYOUT

SCALE 0 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 5.538 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, GREEN COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) (2012)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT
Designer	RICHARD OLSON
Project Manager	CHRISTOPHER HAZARD
Regional Examiner	SOUTHWEST REGION
Regional Supervisor	KURT JOHNSON

APPROVED FOR THE DEPARTMENT
DATE: 2/1/18 (Signature)

E

FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\010101_TI.DWG
LAYOUT NAME - 010101_TI - TITLE SHEET

PLOT DATE : 1/16/2018 10:59 AM PLOT BY : OLSON, RICHARD J PLOT NAME :

STANDARD ABBREVIATIONS

AP	ACCESS POINT
AC	ACRE
ADJ	ADJUST
AECPRC	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE
AH	AHEAD
AC	ASPHALT CEMENT
ASPH	ASPHALTIC
ACP	ASPHALTIC PAVEMENT CONCRETE
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BK	BACK
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
CB	CATCH BASIN
C/L	CENTER LINE
C/L CONST	CENTER LINE CONSTRUCTION
△	CENTRAL ANGLE OR DELTA
CL	CLASS
CONC	CONCRETE
CONST	CONSTRUCTION
CMCP	CORRUGATED METAL CULVERT PIPE
CTH	COUNTY TRUNK HIGHWAY
CABC	CRUSHED AGGREGATE BASE COURSE
CFS	CUBIC FEET PER SECOND
CY	CUBIC YARD
CP	CULVERT PIPE
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DRV	DESIGN HOUR VOLUME
DIA	DIAMETER
DD	DIRECTIONAL DISTRIBUTION
DWY	DRIVEWAY
E	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
EL	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FPS	FEET PER SECOND
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FT	FOOT
GN	GRID NORTH
HES	HIGH EARLY STRENGTH
HP	HIGH POINT
HW	HIGH WATER
HMA	HOT MIX ASPHALT
CWA	HUNDREDWEIGHT
HYD	HYDRANT
INL	INLET
ID	INSIDE DIAMETER
I	INTERSECTION ANGLE
INV	INVERT
IP	IRON PIPE OR PIN
JT	JOINT
LT	LEFT
L	LENGTH OF CURVE
LF	LINEAR FOOT
LP	LOW POINT
LS	LUMP SUM
MH	MANHOLE
MAX	MAXIMUM
Mgal	MEGAGALLON
MPH	MILES PER HOUR
MIN	MINIMUM
MON	MONUMENT
NOM	NOMINAL
NC	NORMAL CROWN
N	NORTH
Y	NORTH GRID COORDINATE
NB	NORTHBOUND
NO	NUMBER
OPT	OPTIONAL
OD	OUTSIDE DIAMETER
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PACS	PIPE ARCH CORRUGATED STEEL
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVC	POLYVINYL CHLORIDE
PCC	PORTLAND CEMENT CONCRETE
LB	POUND
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PL	PROPERTY LINE
Q100	100 YEAR FLOW RATE
R	RADIUS
RR	RAILROAD
R	RANGE
R/L	REFERENCE LINE
REINF	REINFORCING OR REINFORCEMENT
REQD	REQUIRED
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
RDWY	ROADWAY
SEC	SECTION CORNER
SHLDR	SHOULDER
S	SOUTH
SB	SOUTHBOUND
SQ	SQUARE
SF	SQUARE FEET
SW	SIDEWALK
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAYS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
ST	STREET
STR	STRUCTURE OR STRUCTURAL
SE	SUPERELEVATION
T	TANGENT
TEMP	TEMPORARY
TI	TEMPORARY INTEREST
TLE	TEMPORARY LIMITED EASEMENT
t	TON
T	TOWN
T/L	TRANSIT LINE
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
V	VELOCITY OF DESIGN SPEED
VERT	VERTICAL
VC	VERTICAL CURVE
VOL	VOLUME
WM	WATER MAIN
WV	WATER VALVE
W	WEST
WB	WESTBOUND
Y	YARD

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE SEEDED, FERTILIZED, AND MULCHED AS DIRECTED BY THE ENGINEER. ALL OTHER DISTURBED AREAS SHALL BE SEEDED, FERTILIZED, AND MULCHED AT THE CONTRACTORS EXPENSE.

THE LOCATION OF FIELD ENTRANCES WILL BE DETERMINED BY THE ENGINEER.

ALL CURB AND GUTTER RADII ARE MEASURED TO THE FLAG OF CURB UNLESS OTHERWISE NOTED.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS, BUT IS MEASURES AND PAID FOR AS COMMON EXCAVATION.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

SAWCUTS AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS AND MAY BE ADJUSTED AT THE DISCRETION OF THE ENGINEER TO BETTER SUIT FIELD CONDITIONS

ASPHALTIC SURFACE/HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN PER THE PAVEMENT REPORT.

PLACE 2", 3.5" OR 4" ASPHALTIC SURFACE/HMA PAVEMENT FOR CROSSOVERS, TEMPORARY WIDENING, OR SHOULDERS IN ONE LAYER. PLACE THE 3.5" OR 4.5" HMA PAVEMENT FOR LOCAL ROADS IN TWO LAYERS.

THERE MAY BE AREAS OF SHALLOW BEDROCK WITHIN THIS PROJECT. EXISTING BEDROCK DEPTHS ARE BASED ON A LIMITED NUMBER OF BORINGS COMPLETED FOR THE SOILS REPORT. A COPY OF THE SOILS REPORT IS AVAILABLE UPON REQUEST FROM THE DEPARTMENT. SOME OF THE BORINGS INDICATED HARD DRILLING AND/OR AUGER REFUSAL WITHIN LESS THAN 5' OF THE EXISTING SURFACE. HARD DRILLING AND/OR AUGER REFUSAL DEPTHS HAVE BEEN INCLUDED IN THE PLAN SHEET CROSS SECTIONS.

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS, SHALL BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

GRADING IS NOT ALLOWED IN DELINEATED WETLAND AREAS. DO NOT STORE EQUIPMENT OR MATERIAL IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS OR WATERWAYS.

NUMBER, LOCATIONS, AND SPACING OF TEMPORARY AND PERMANENT SIGNS AND DEVICES AS SHOWN ON THE PLANS, SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

UTILITY CONTACTS

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tmarciniak@atcllc.com

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Anna Anderson
Town of Sylvester
Town Chairman
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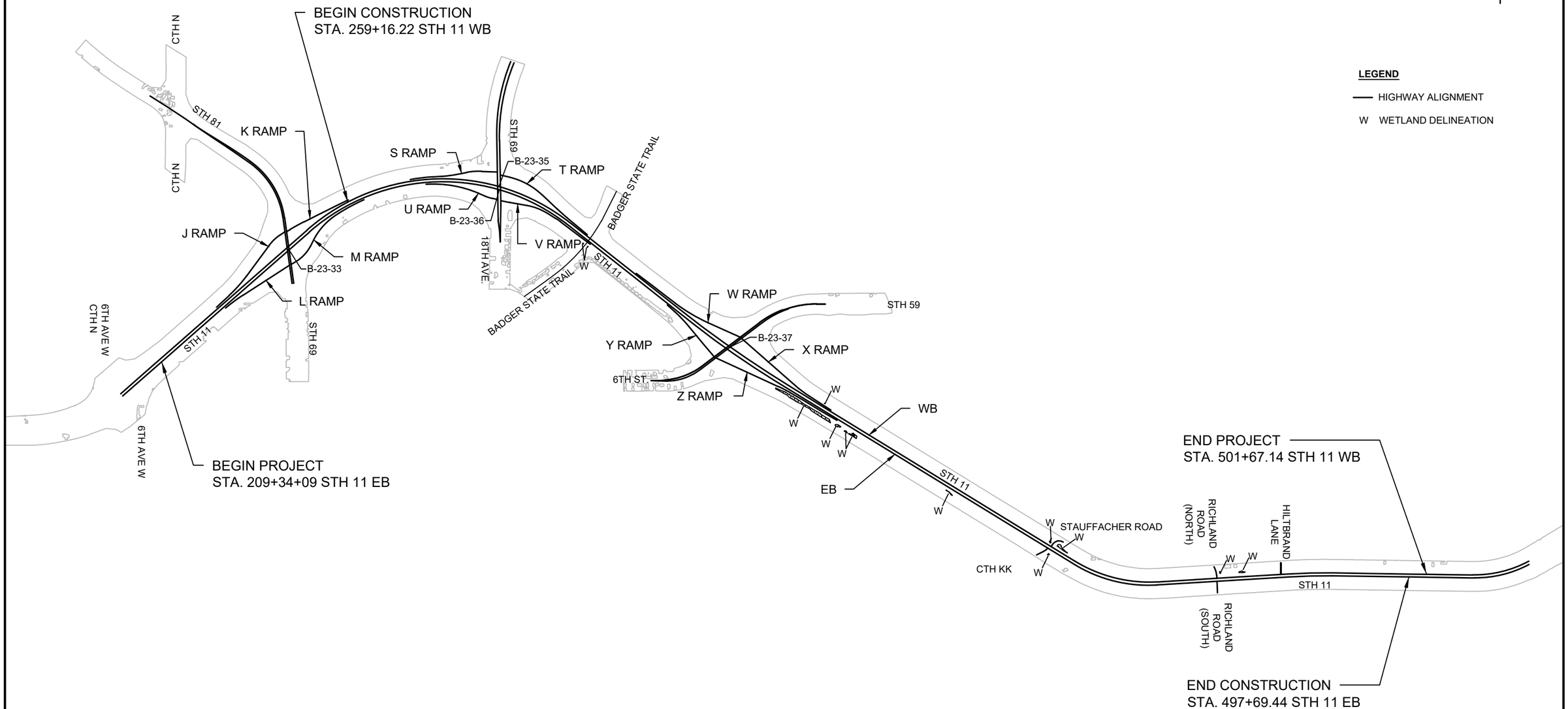
Monroe, WI 53566
(608) 325-7682

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTIONS
INTERCHANGES
EROSION CONTROL
STORM SEWER
SIGNING
TRAFFIC CONTROL AND CONSTRUCTION STAGING
ALIGNMENT

2



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PROJECT OVERVIEW - STH 11 MAINLINE AND INTERCHANGE RAMPS	SHEET 3	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\020201_PO.DWG
LAYOUT NAME - 020201_PO - PLAN 1 IN 2000 FT
PLOT DATE : 1/16/2018 11:03 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:2000 FT
WISDOT/CADDS SHEET 42

2

N

CTH N

STH 81

CTH N

BEGIN CONSTRUCTION
STA. 259+16.22 STH 11 WB

RAMP CROSSOVER D

STH 69

RAMP CROSSOVER F

18TH AVE.

RAMP CROSSOVER E

ML CROSSOVER B

RAMP CROSSOVER G

STH 69

6TH AVE W
CTH N

STH 11

STH 11

STH 59

ML CROSSOVER A

RAMP CROSSOVER C

6TH ST.

RAMP CROSSOVER J

BEGIN PROJECT
STA. 209+34.09 STH 11 EB

6TH AVE W

RAMP CROSSOVER K

WB

STH 11

EB

STAUFFACHER ROAD

CTH KK

END PROJECT
STA. 501+67.14 STH 11 WB

ML CROSSOVER H

RICHLAND ROAD (NORTH)

HILTBRAND LANE

STH 11

RICHLAND ROAD (SOUTH)

ML CROSSOVER I

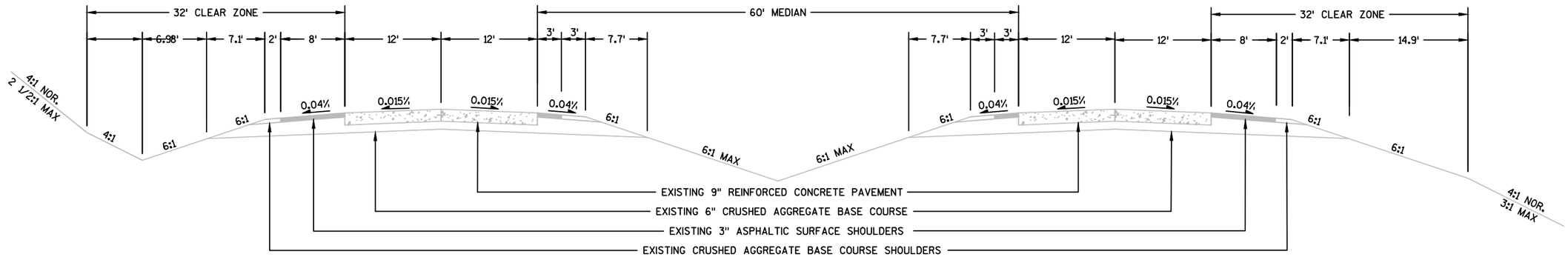
END CONSTRUCTION
STA. 497+69.44 STH 11 EB

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PROJECT OVERVIEW - CROSSOVERS - MAINLINE/RAMPS	SHEET 2 of 4	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\020202_PO.DWG
LAYOUT NAME - 020202_PO - PLAN 1 IN 2000 FT

PLOT DATE : 1/16/2018 11:03 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:2000 FT

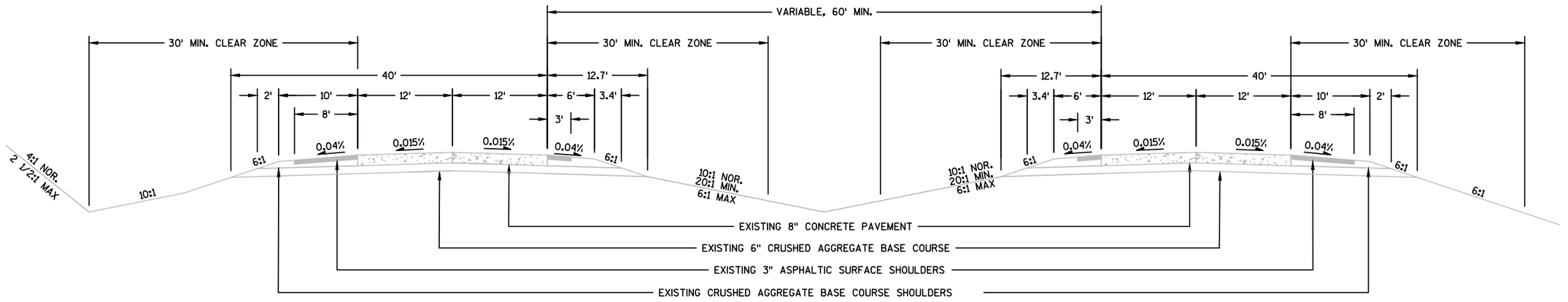
WISDOT/CADDS SHEET 42



TYPICAL EXISTING SECTION - STH 11

STA. 209+34.09EB TO STA. 211+48EB
STA. 226+34EB TO 262+14EB
STA. 259+16.22WB TO STA. 259+38WB
STA. 272+57WB TO 274+37WB

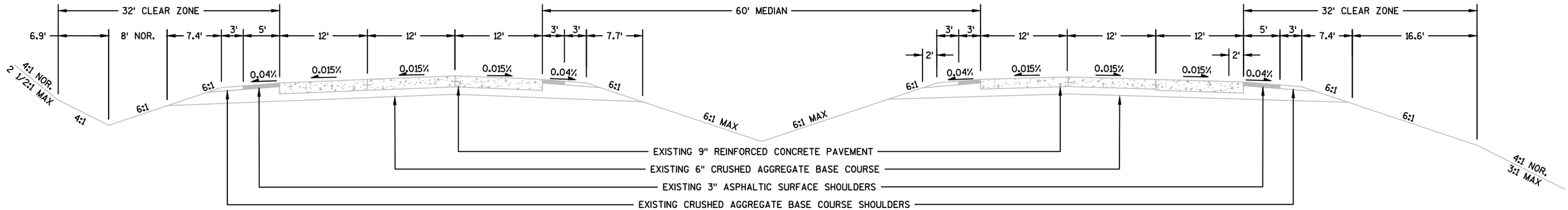
VARIOUS EXISTING SECTIONS OF EB AND WB STH 11 INCLUDE A 2" ASPHALTIC OVERLAY FOR CONCRETE SURFACE REPAIR



TYPICAL EXISTING SECTION - STH 11

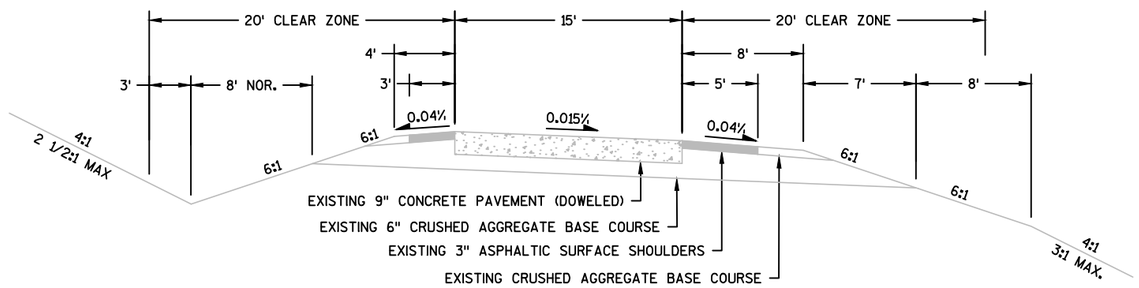
STA. 275+23EB TO STA. 497+69.44EB
STA. 274+37WB TO STA. 501+67.14WB

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TYPICAL SECTIONS	SHEET 5	E



TYPICAL EXISTING SECTION - STH 11 AUXILIARY LANE

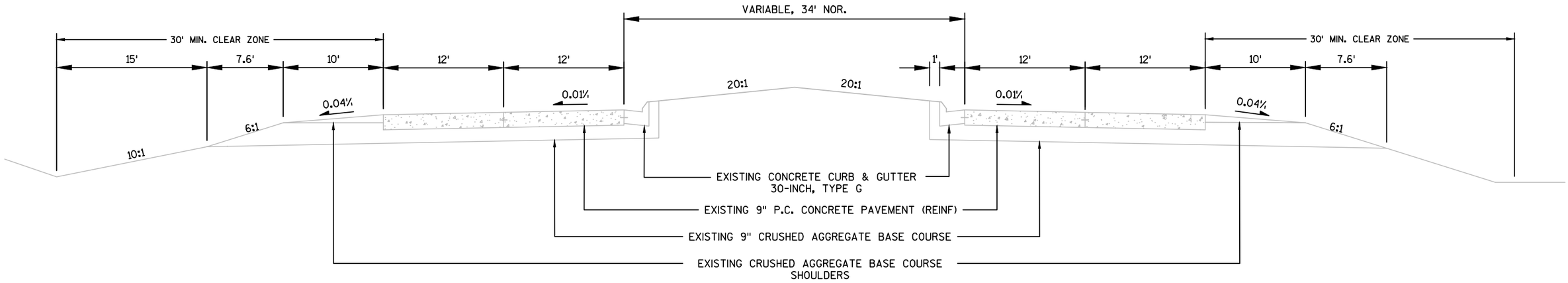
STA. 211+48EB TO STA. 226+34EB
STA. 262+14EB TO STA. 275+23EB
STA. 259+38WB TO STA. 272+57WB



TYPICAL EXISTING SECTION - STH 11 INTERCHANGE RAMPS

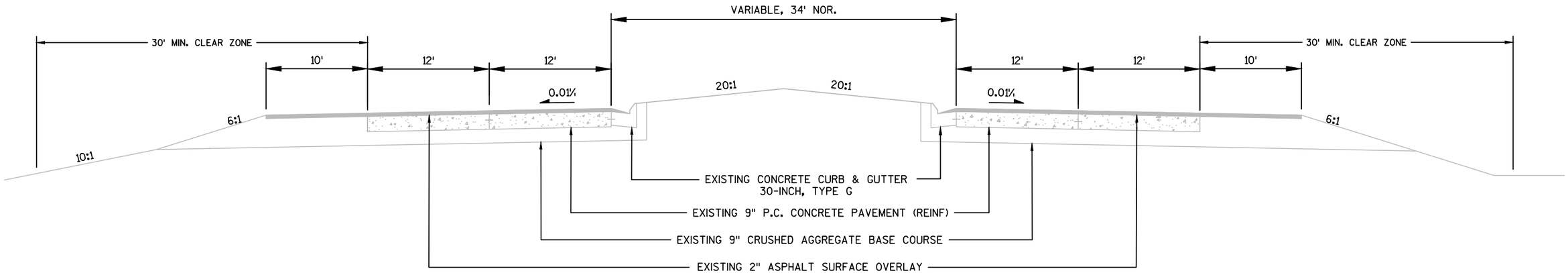
CTH N, STH 81, STH 69, STH 59

STA. 226+33.55L - 241+78.54L
STA. 275+22.54U - 289+11.90U
STA. 331+67.87Y - 345+85.23Y
STA. 225+10.08J - 245+63.18J
STA. 272+56.59S - 288+39.43S
STA. 323+64W - 348+43.76W
STA. 242+11.17M - 262+14.08M
STA. 292+33.92V - 311+84.93V
STA. 345+57.36Z - 373+17.09Z
STA. 245+47.01K - 259+38.23K
STA. 291+02.26T - 311+03.33T
STA. 348+61.17X - 371+81.41X



TYPICAL EXISTING SECTION - STH 81

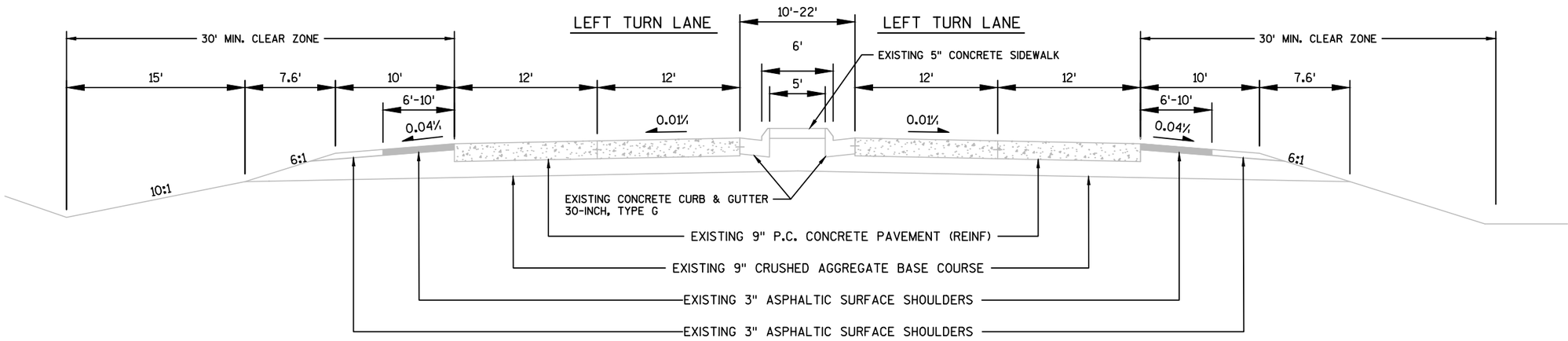
STA. 164+50BE TO STA. 167+30BE



TYPICAL EXISTING SECTION - STH 81

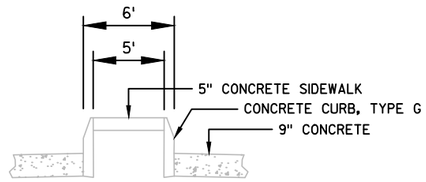
STA. 172+70BE TO STA. 176+07.86BE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TYPICAL SECTIONS	SHEET 7	E



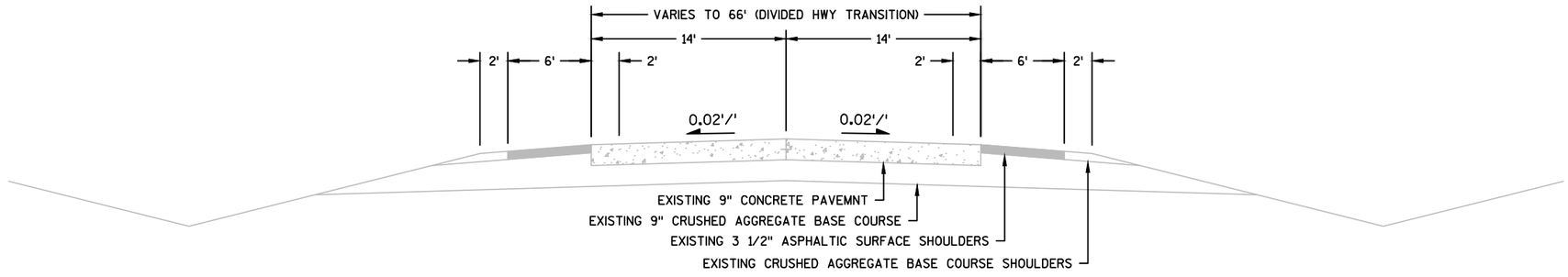
TYPICAL EXISTING SECTION - STH 81

STA. 168+08BE TO STA. 169+08BE
STA 172+00BE TO STA. 173+39BE



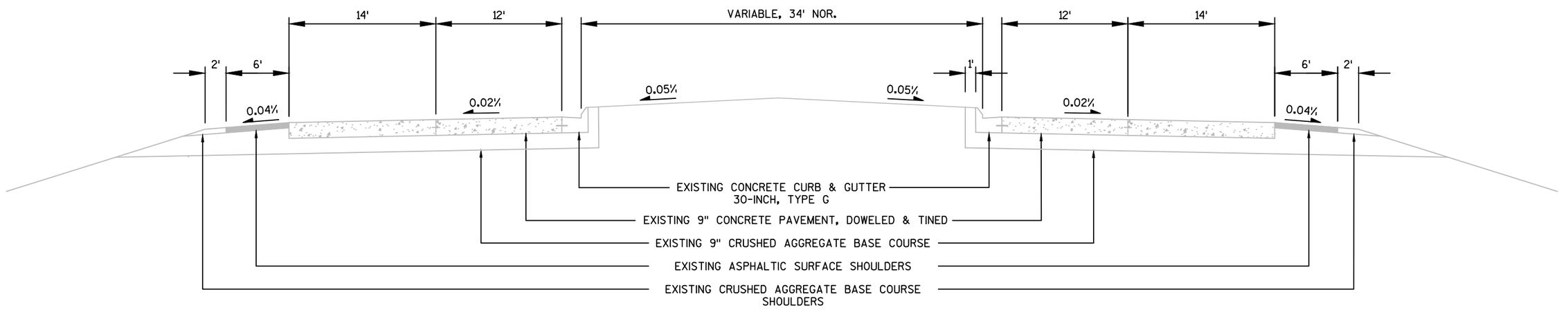
MEDIAN AT BRIDGE B-23-33
STA. 169+08BE TO STA. 172+00BE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TYPICAL SECTIONS	SHEET 8	E



TYPICAL EXISTING SECTION - STH 69

STA. 419+00GE - 423+80GE

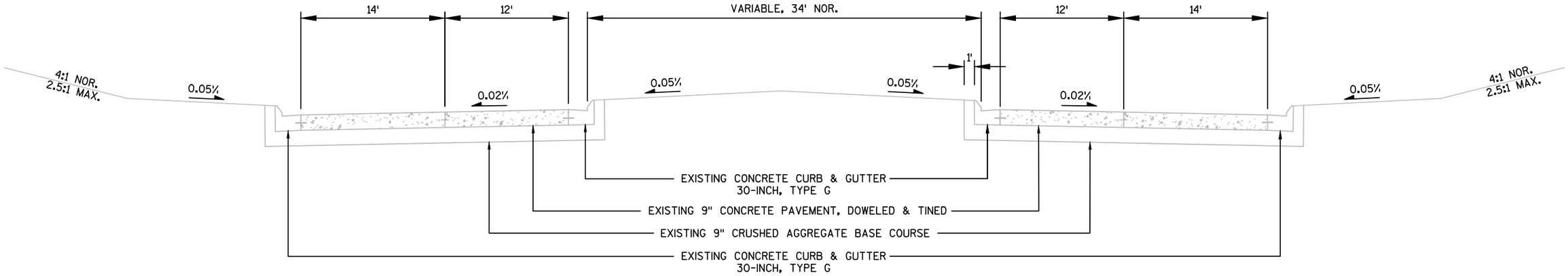


TYPICAL EXISTING SECTION - STH 69

STA. 423+80GE TO 427+50GE
STA. 432+30GE TO 435+00GE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TYPICAL SECTIONS	SHEET 9	E

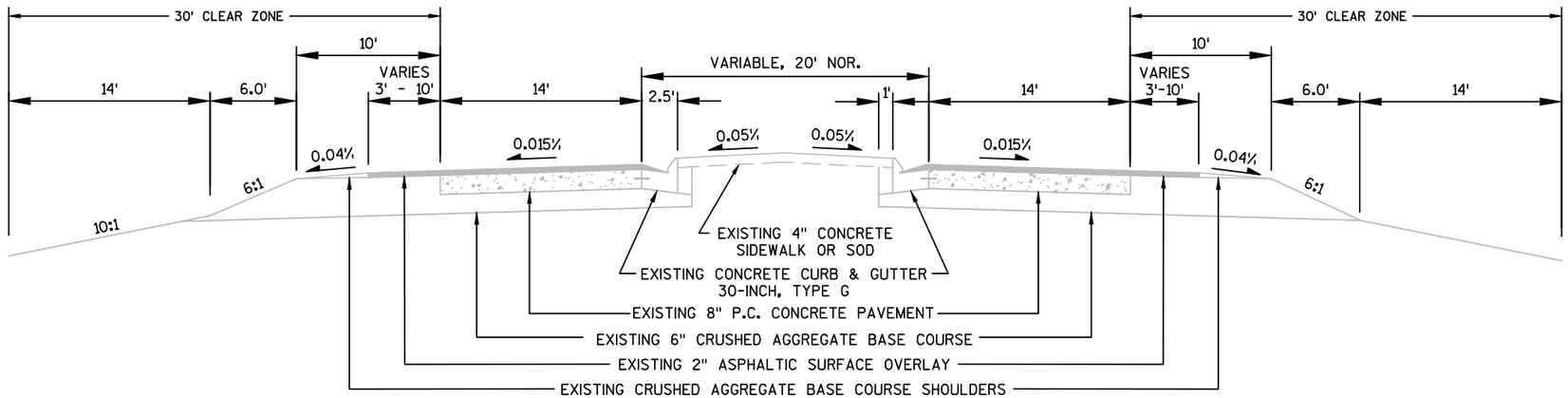
2



TYPICAL EXISTING SECTION - STH 69

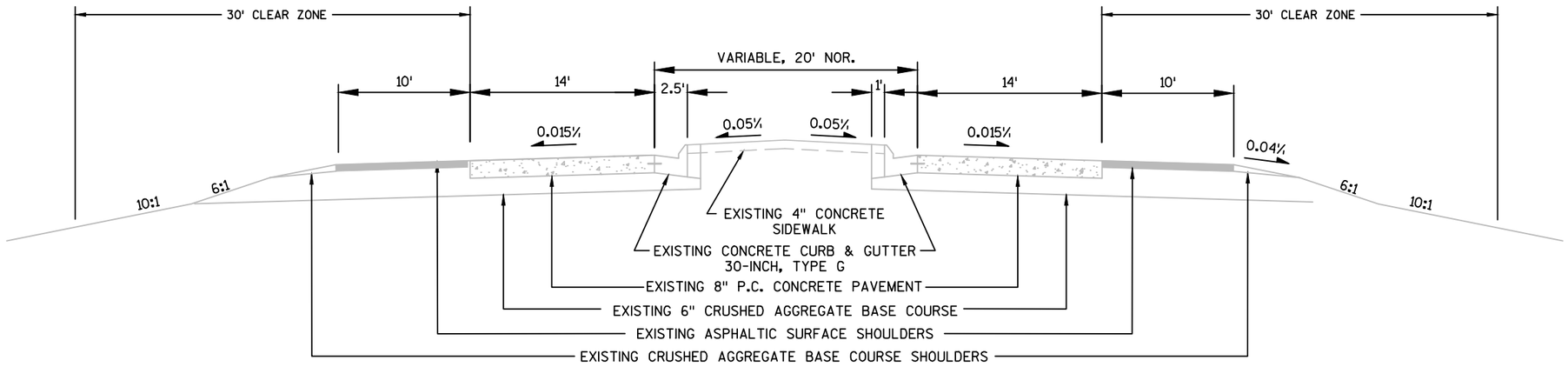
STA. 427+50GE TO 432+30GE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: TYPICAL SECTIONS	SHEET 10	E



TYPICAL EXISTING SECTION - STH 59

STA. 15+96.50NB TO STA. 19+50NB
STA. 22+35NB TO 26+11.04NB

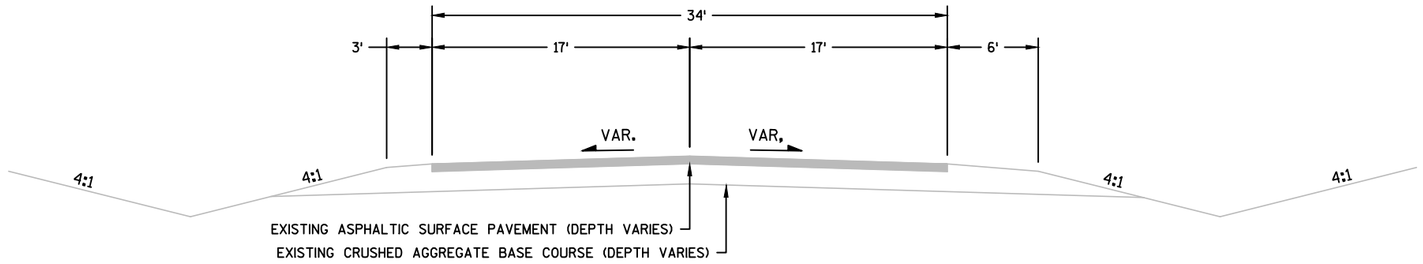


TYPICAL EXISTING SECTION - STH 59

STA. 19+50NB TO STA. 22+35NB

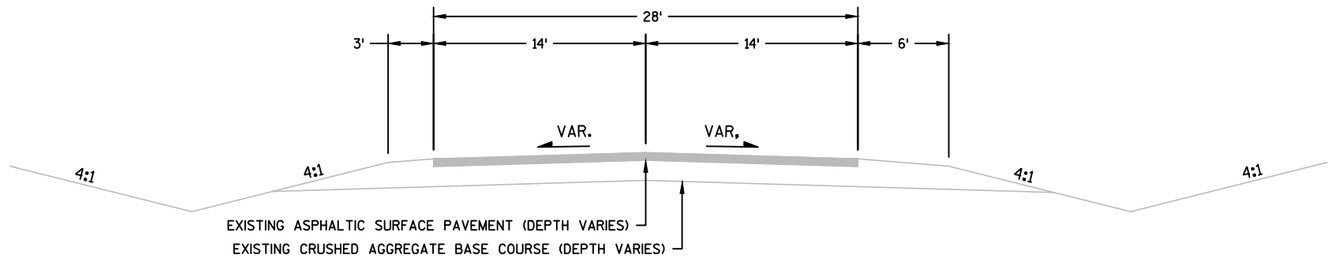
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: TYPICAL SECTIONS	SHEET 11	E

2



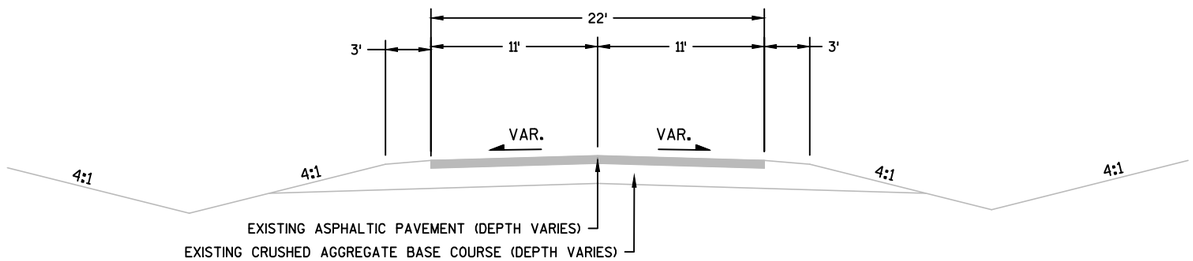
TYPICAL EXISTING SECTION - STH 11 SIDEROAD

CTH KK



TYPICAL EXISTING SECTION - STH 11 SIDEROAD

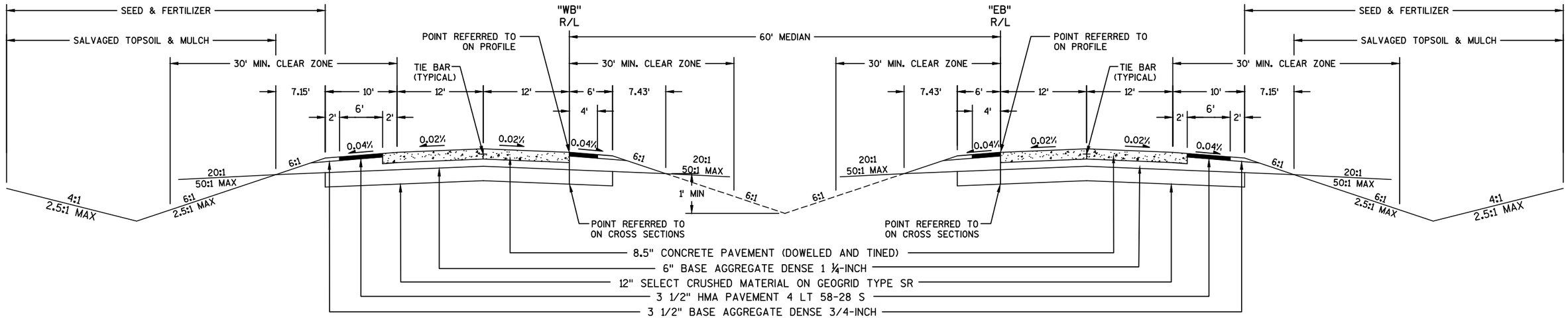
STAUFFACHER ROAD



TYPICAL EXISTING SECTION - STH 11 SIDEROAD

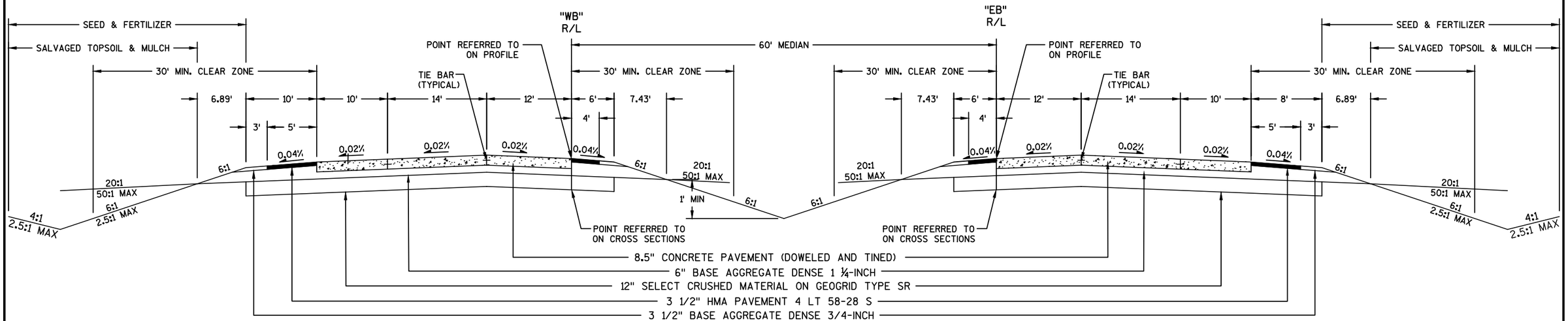
RICHLAND ROAD (N&S)
HILTBRAND LANE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: TYPICAL SECTIONS	SHEET 12	E



TYPICAL FINISHED SECTION - STH 11

STA. 209+34.09EB TO STA. 211+48EB
STA. 226+34EB TO STA. 262+14EB
STA. 275+23EB TO STA. 497+69.44EB
STA. 259+16.22WB TO STA. 259+42WB
STA. 272+57WB TO STA. 501+67.14WB

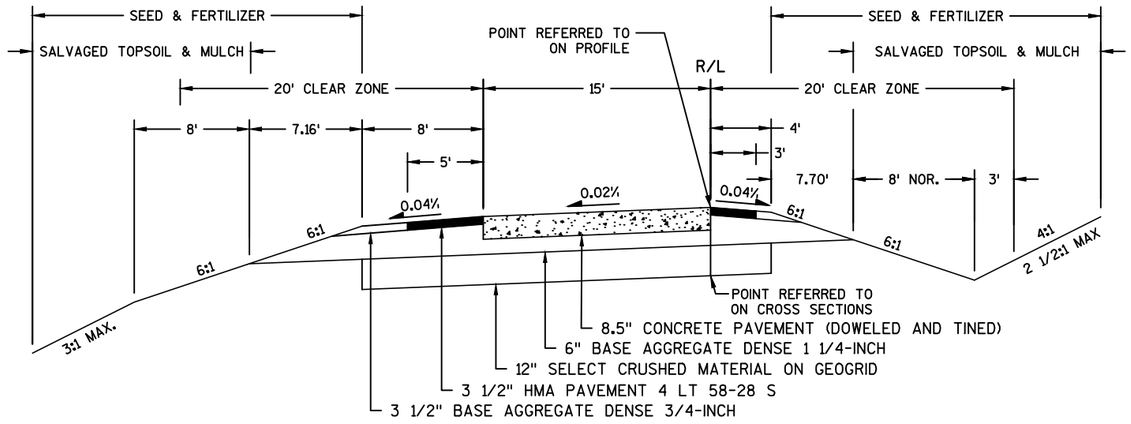


TYPICAL FINISHED SECTION - STH 11 AUXILIARY LANE

STA. 211+48EB TO STA. 226+34EB
STA. 262+14EB TO STA. 275+23EB
STA. 259+42WB TO STA 272+57WB

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: TYPICAL SECTIONS	SHEET 13	E

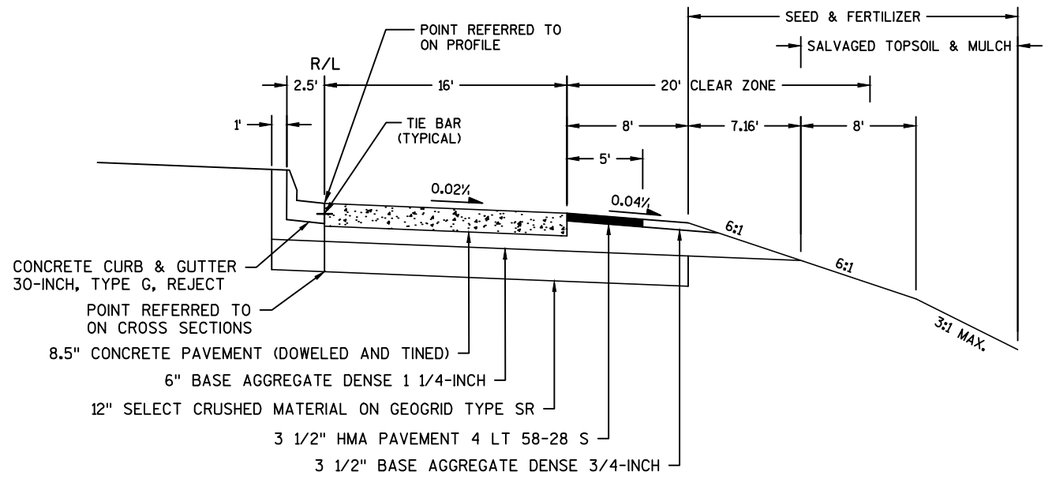
FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\020301_TS_CURRENT.DWG PLOT DATE : 5/15/2018 11:18 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



TYPICAL FINISHED SECTION - STH 11 INTERCHANGE RAMPS

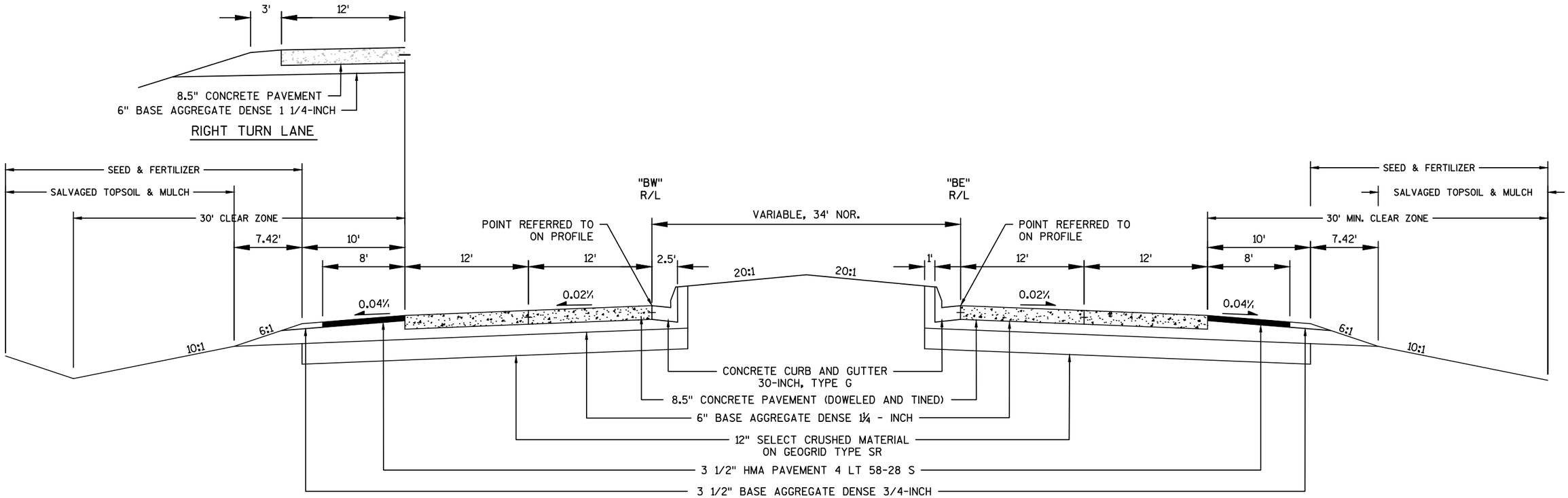
STH 81, STH 69, STH 59

STA. 226+33.55L - 240+77.81L	STA. 242+90.8M - 262+14.08M
STA. 275+22.54U - 289+03.6U	STA. 292+37.7V - 311+84.56V
STA. 331+67.87Y - 345+92.44Y	STA. 345+49.24Z - 373+17.09Z
STA. 242+23J - 245+76.59J	STA. 245+33.79K - 259+38.23K
STA. 272+56.59S - 288+53.8S	STA. 291+00.4T - 311+03.33T
STA. 323+64W - 248+52.16W	STA. 345+53.73X - 371+81.41X



TYPICAL FINISHED SECTION - CTH KK 16' RIGHT TURN LANE

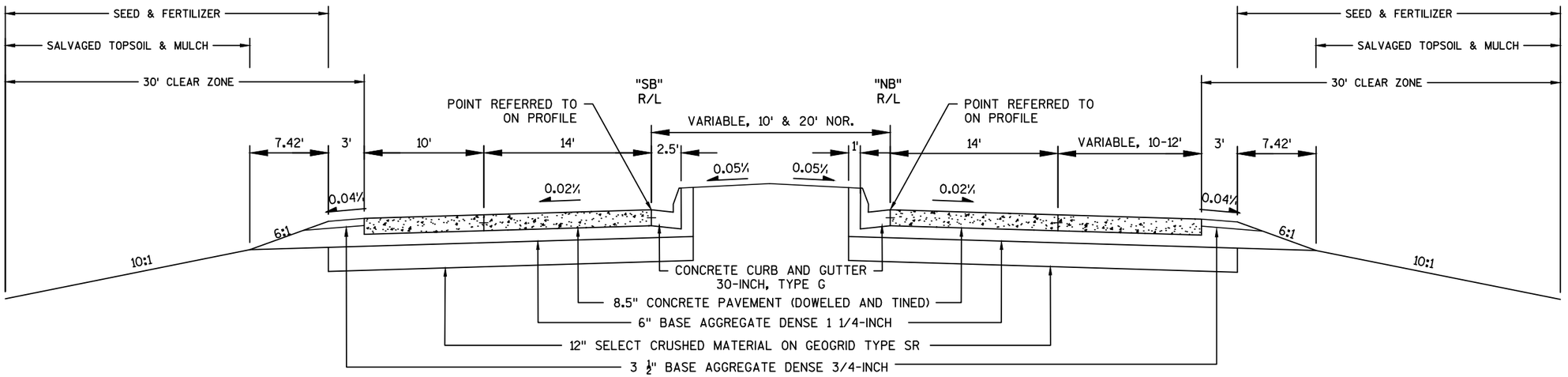
CTH KK
STA. 422+60 TO STA. 424+03



RIGHT TURN LANE

TYPICAL FINISHED SECTION - STH 81

STA. 172+05BE TO STA. 176+04.28BE

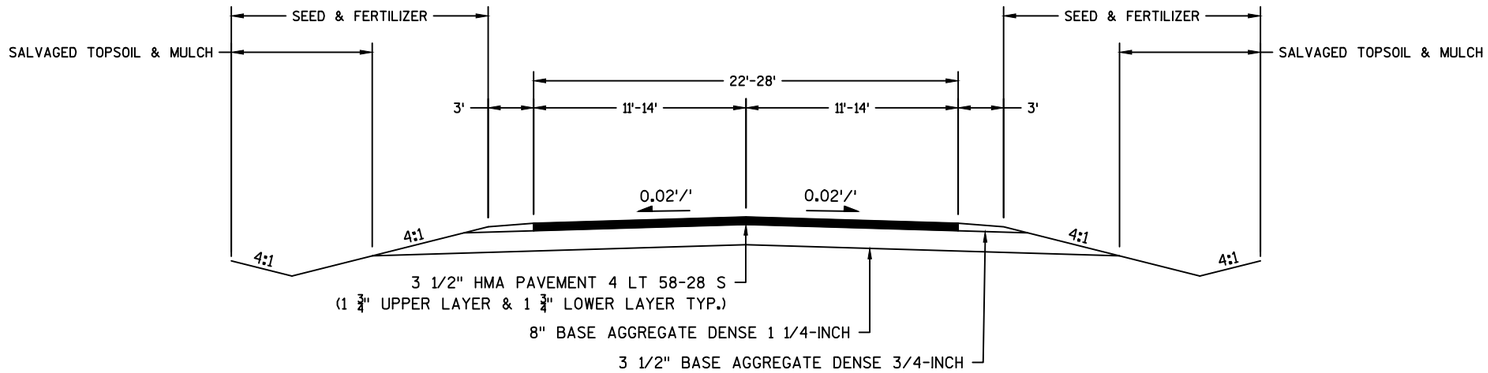


TYPICAL FINISHED SECTION - STH 59

STA. 15+96.50NB TO STA. 19+49NB
STA. 22+60NB TO STA. 26+11.04NB

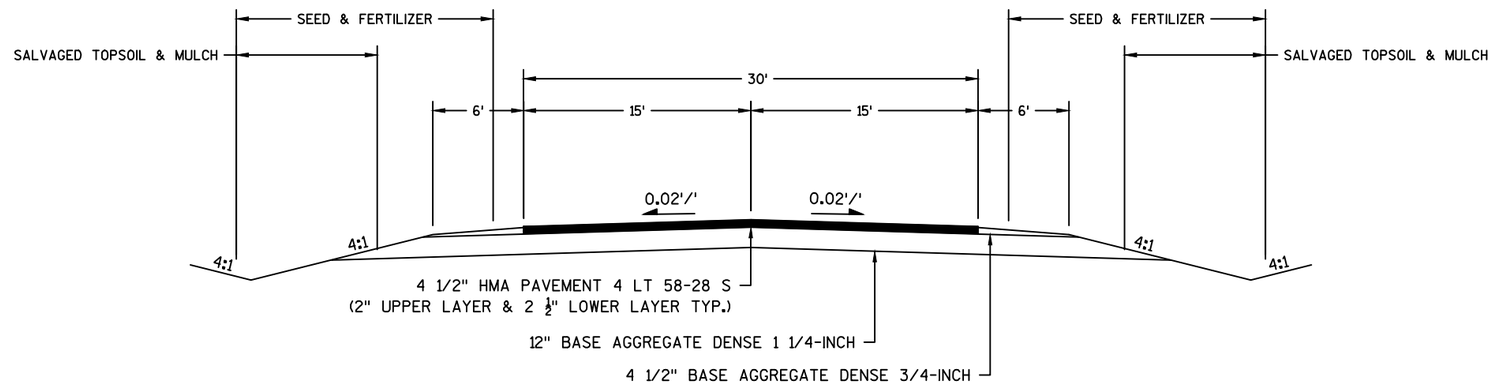
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: TYPICAL SECTIONS	SHEET 15	E

2



TYPICAL FINISHED SECTION - STH 11 SIDEROADS

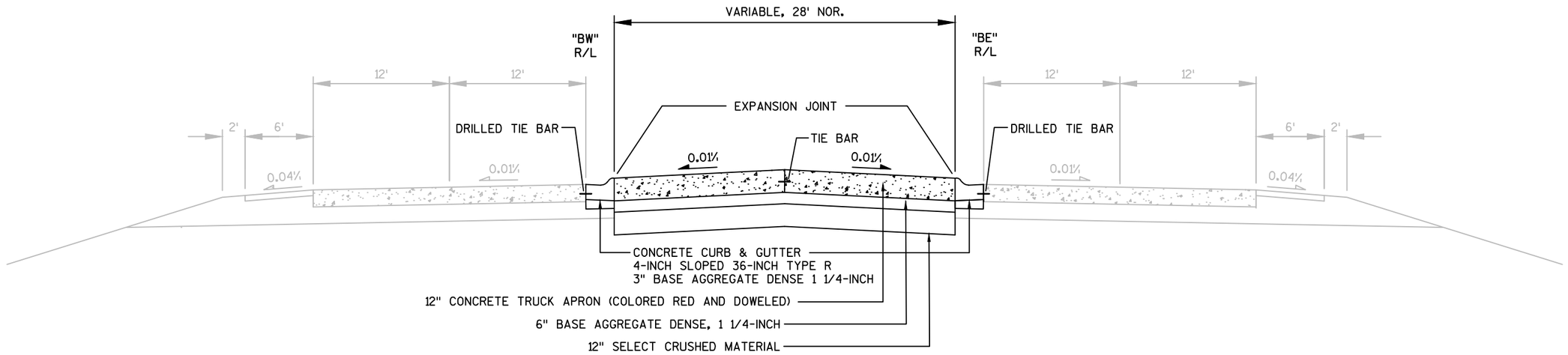
STAUFFACHER ROAD, STA. 771+37SR TO STA. 771+79SR
RICHLAND ROAD (N), STA. 780+83RN TO STA. 783+83RN
RICHLAND ROAD (S), STA. 781+37RS TO STA. 784+34RS
HILTBRAND LANE, STA. 792+92HL TO STA. 793+59HL



TYPICAL FINISHED SECTION - STH 11 SIDEROAD

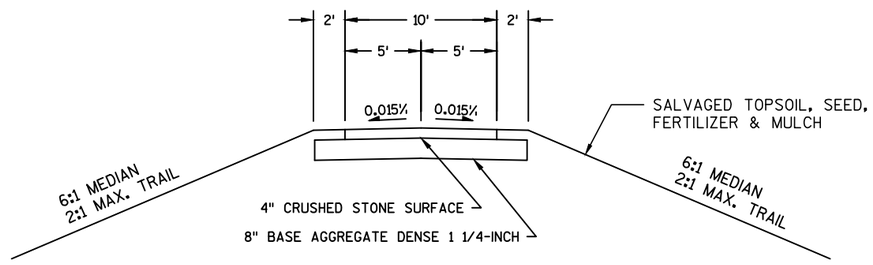
CTH KK, STA. 760+23KK TO STA. 761+27KK

2



TYPICAL FINISHED SECTION - STH 69 OSOW TRUCK APRON

STA. 164+50BE TO STA. 167+25BE

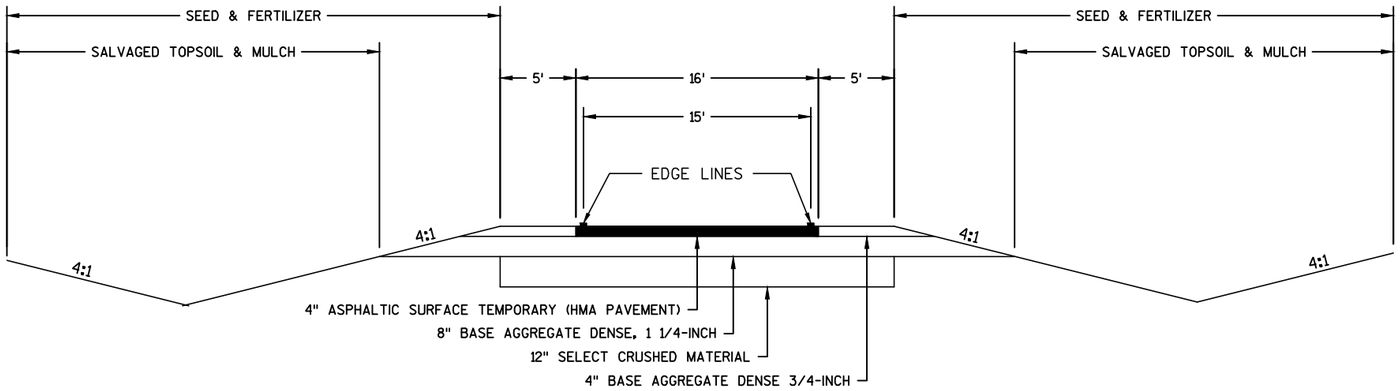


TYPICAL FINISHED SECTION - BADGER STATE TRAIL

STA. 311+40EB

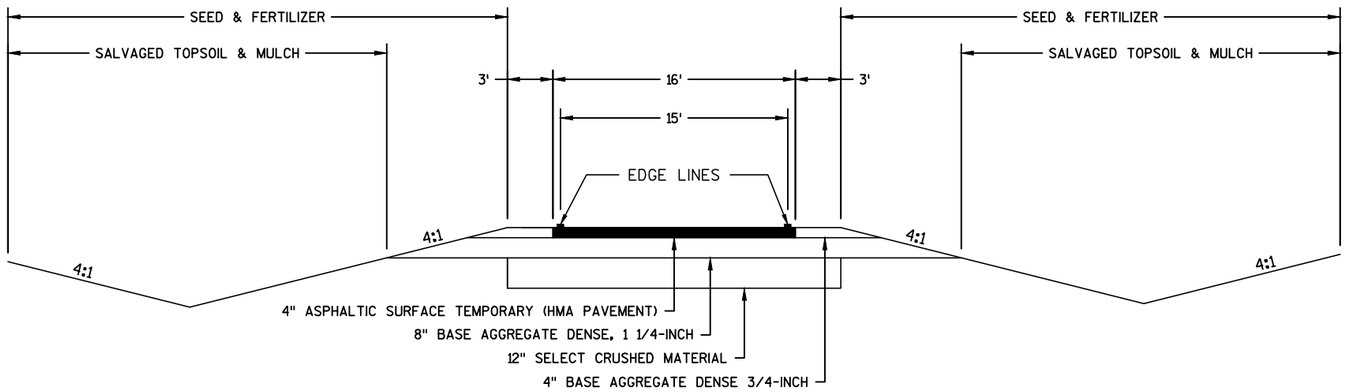
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: TYPICAL SECTIONS	SHEET 17	E

2



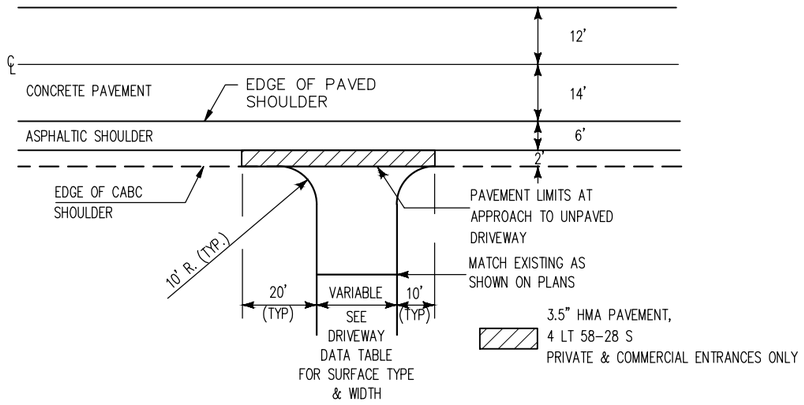
TRAFFIC CONTROL - STH 11 TEMPORARY MAINLINE CROSSOVERS

STA. 168+95A TO STA. 176+84A
STA. 496+26H TO STA. 512+51H
STA. 498+27I TO STA. 512+79I

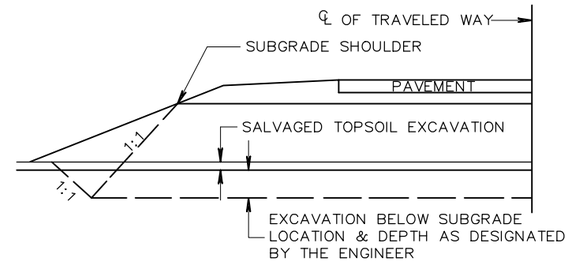


TRAFFIC CONTROL - STH 11 TEMPORARY INTERCHANGE RAMP CROSSOVERS

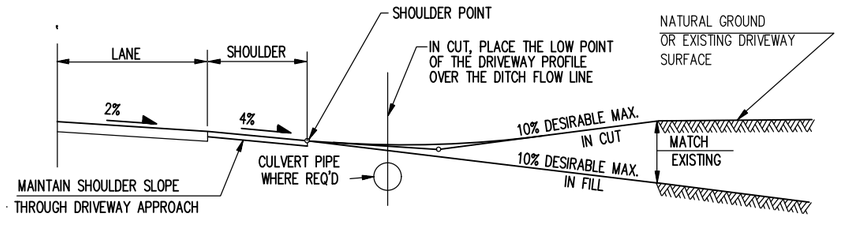
STA 211+56B TO STA. 221+83B
STA. 2011+35C TO STA. 219+16C
STA. 266+79D TO STA. 277+09D
STA. 260+12E TO STA. 279+71E
STA. 304+50F TO STA. 315+13F
STA. 304+00G TO STA. 319+32G
STA. 367+62J TO STA. 378+12J
STA. 366+72K TO STA. 381+54K



PLAN VIEW – RURAL DRIVEWAY

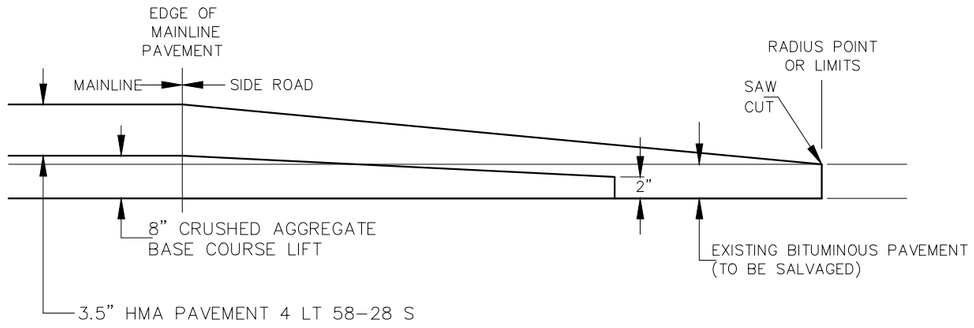


DETAIL FOR EXCAVATION BELOW SUBGRADE

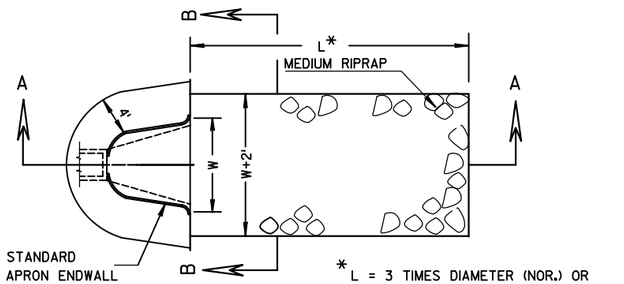


PROFILE VIEW

TYPICAL RURAL DRIVEWAY DETAILS

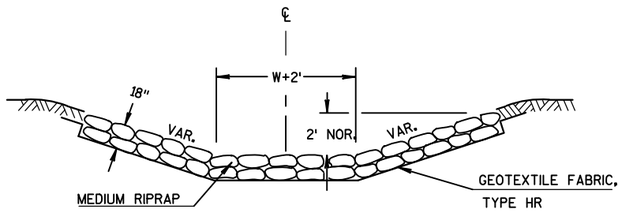


BUTT JOINT DETAIL FOR SIDE ROAD INTERSECTIONS



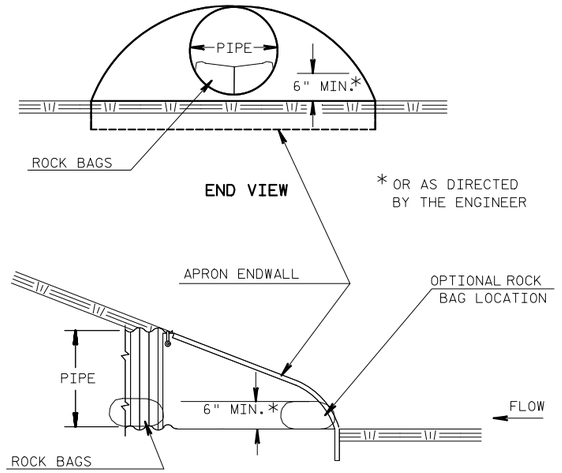
*L = 3 TIMES DIAMETER (NOR.) OR 10' MIN. OR AS DIRECTED BY THE ENGINEER

SECTION A-A



SECTION B-B

MEDIUM RIPRIP AND GEOTEXTILE FABRIC



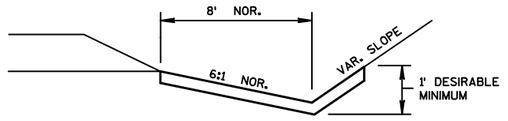
END VIEW

* OR AS DIRECTED BY THE ENGINEER

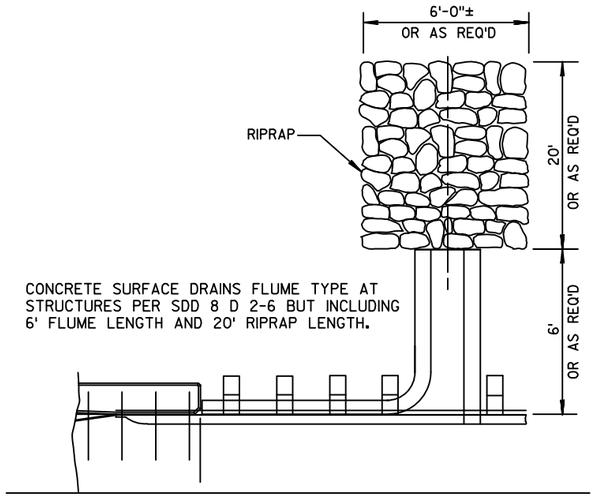
SIDE VIEW

ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NO. OF BAGS
12"	1
15"	2
18"	2
21"	3
14" X 23"	3
24"	3
27"	4
30"	5
19" X 30"	5
36"	7
24" X 38"	8
42"	8
29" X 45"	10
48"	10
34" X 53"	10
38" X 60"	13
60"	13
66"	15
53" X 83"	19

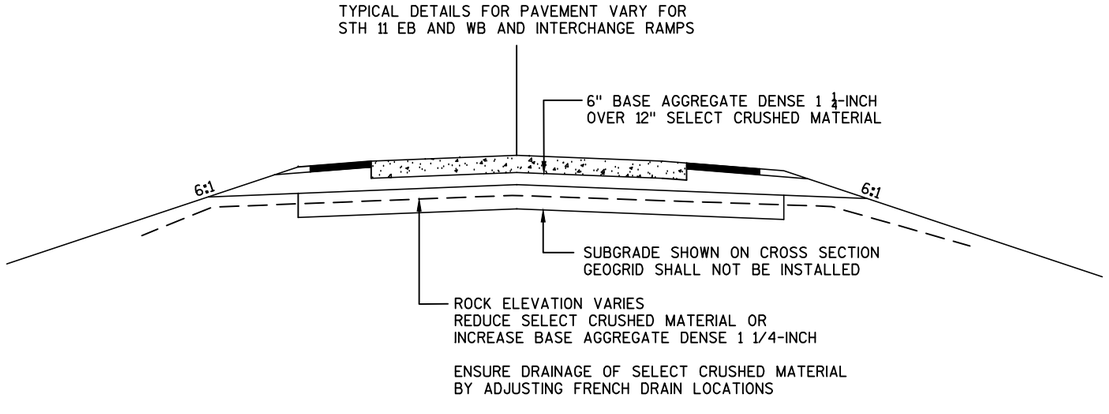
CULVERT PIPE CHECKS



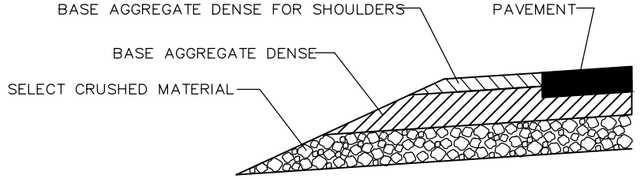
EROSION MAT DETAIL FOR DITCHES



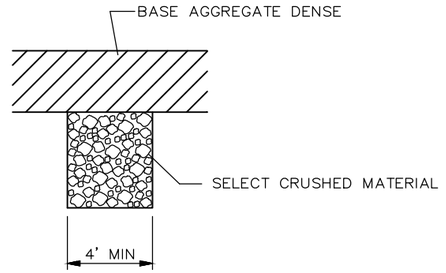
SURFACE DRAIN DETAIL – CONCRETE FLUME



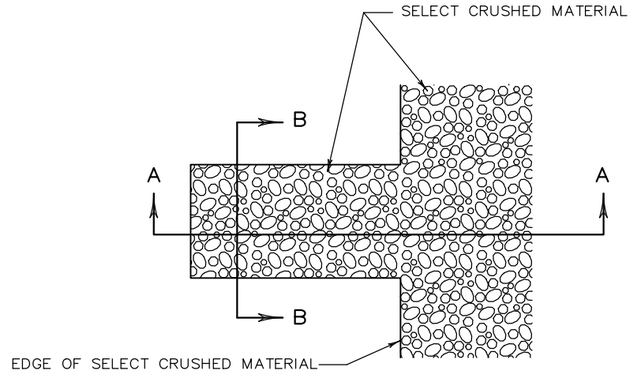
STH 11 ROCK DETAIL



SECTION A–A



SECTION B–B



DETAIL FOR FRENCH DRAINS

DRAINS ARE TO BE CONSTRUCTED AT LEAST EVERY 250'
AND AT EACH SAG VERTICAL CURVE IN THE PROFILE.

(LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER)

EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS SHALL
BE CONSIDERED INCIDENTAL TO THE ITEM SELECT CRUSHED MATERIAL.

DO NOT COVER FRENCH DRAINS WITH TOPSOIL

2

2

CONCRETE PAVEMENT
APPROACH SLAB

POLYMER OVERLAY

N

STH 11

STH 11

STH 69/81

STH 69

STH 81

SIGN

SIGN

SIGN

SIGN

FP: 241+78.54

BP: 241+97.76M

BP: 242+11.17

PC: 242+69.40M

PT: 244+63.75

PT: 244+63.75J

FP: 245+

FP: 245+

BP: 245+

B-23-33

CONC. SIDEWALK
4-INCH

CONC. SIDEWALK
4-INCH

167BW 168BW 169BW 170BW 171BW 172BW 173BW 174BW

167BE 168BE 169BE 170BE 171BE 172BE 173BE 174BE

170

170

245

245

Storm Sewer Routing?

10' 12' 12' 10' 10' 12' 12' 10'

45' 33° 102' 39' 39' 15' 15'

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CONSTRUCTION DETAILS - PAVING B-23-33 STH 81/69	SHEET 22	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\021002_CD.DWG
LAYOUT NAME - 021002_CD - STH 81-69BRIDGEPAVING

PLOT DATE : 1/16/2018 11:06 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

POLYMER OVERLAY

STH 69

B-23-35

STH 11/81

STH 11

8"
14"
12"
6"
290
40'
15°
430'

ROADWAY WEATHER INFORMATION SYSTEM (RWIS)
SENSORS & CABLES TO BE REMOVED &
REPLACED BY OTHERS AFTER CONSTRUCTION

B-23-36

STH 69/18TH AVE

500

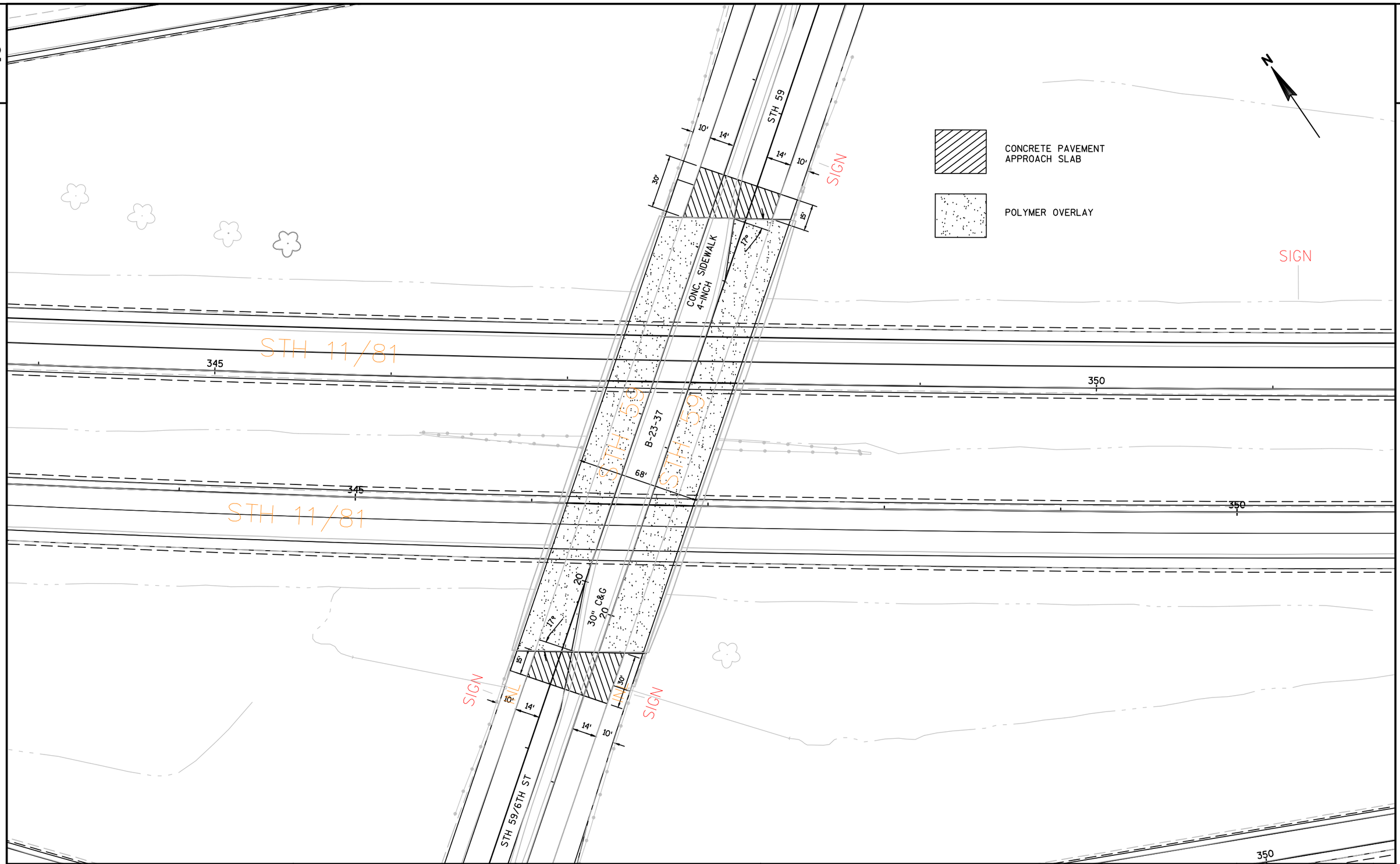
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CONSTRUCTION DETAILS-PAVING B-23-35/B-23-36 STH 69/18TH AVE	SHEET 23	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\021002_CD.DWG
LAYOUT NAME - 021002_CD - STH 69-18TH AVEBRIDGEPAVING

PLOT DATE : 1/16/2018 11:07 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CONSTRUCTION DETAILS - PAVING B-23-37 STH 59/6TH ST	SHEET 24	E

2

BRIDGE B-23-33

239EB

240EB

SIGN

FO

169BW

169BE

14'

CONC. SIDEWALK 4-INCH

CONC. C&G 30" TYPE F

80'R

3'R

12'

12'

12'

12'

12'

168BW

168BE

BP: 241+97.76M

EC: 242+69.40M

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

END CONSTRUCTION
240+77.80L

239L

STH 81/69 EB OFF-RAMP

240L

241L

EP: 241+91.76L

242M

243M

244M

245M

STH 81/69 EB ON-RAMP

15'

15'

15'

15'

8'

100'

90'

100'

238+71.17L, 0' RT.

239+71.17L, 15' RT.

240+61.17L, 15' RT.

240+75.54L, 18.3' RT.

2' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

167BW

167BE

167+25BE

START CONSTRUCTION
242+90.87M, 8' RT.

243+90.87M

5' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

STH 69

IDS TELECOM

RAMP

166BW

166BE

275'

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE R

REMOVING CURB & GUTTER
30-INCH TYPE G
(EAST & WEST SIDE OF MEDIAN)

CONCRETE TRUCK APRON 12-INCH
(COLORED RED - CONCRETE APRON TO REPLACE
GREEN AREA FOR OSOW VEHICLES)

30'

165BW

165BE

164+50BE
5' C&G TRANSITION

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERCHANGE DETAILS - STH 81/69 - EB ON/OFF RAMPS	SHEET 25	E

2

END CONSTRUCTION
176+04.10BE

176+04.28BE, 24' RT.

3' BASE AGGREGATE DENSE SHOULDER

246+05.05K, 84.61' LT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

246+50.60K, 65' LT.
50' R.

246+50.39K, 15' LT.

2' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

249+50.39K, 15' LT.

250+50.39K

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

5' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

245+54.07, 36.53' LT.

245+08.92J, 58' LT.
50' R.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

244+08.92J

245+08.92J, 8' LT.

STH 81/69 WB ON-RAMP

244+98.00J, 15' RT.

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

244+98.00J, 35' RT.
20' R.

245+16.07J, 43.57' RT.

172+28.83BW, 24' LT.

BRIDGE B-23-33

245+75.40K, 15' RT.

245+78.28K,
91.03' RT., 70' R.

245+51.40K, 20' RT.

STH 81/69 WB OFF-RAMP

STH 81

STH 11

SIGN

GREEN AREA

CONC. C&G
30" TYPE G

CONC. SIDEWALK
4-INCH

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERCHANGE DETAILS - STH 81/69 - WB ON/OFF RAMPS	SHEET 26	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\021102_ID.DWG
LAYOUT NAME - 021102_ID - R2

PLOT DATE : 1/16/2018 11:10 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

STH 11/81

289EB
290EB
291EB
292EB
293EB
294EB
294WB
295WB

BRIDGE B-23-36

SIGN RWIS

CHARTER TV

SIGN

WE ENERGIES

CAUTION

INL

SS

G

TV

OH

GUY

ALLIANT ENERGY

STH 69/18TH AVE EB OFF-RAMP

287U

PC: 287+60.08U

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

288U

15'

289

PT: 289+11.90U

EP: 290+18.68U

290U

5' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

END CONSTRUCTION
289+03.61U

18th AVE

EXISTING PAVEMENT TO
TO REMAIN IN PLACE

BP: 291+33.57V

292V

START CONSTRUCTION
292+37.69V

PC: 293+15.97V

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

293V

15'

294V

STH 69/18TH AVE EB ON-RAMP

PT: 294+97.15V

295V

5' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERCHANGE DETAILS - STH 69/18TH AVE - EB ON/OFF RAMPS	SHEET 27	E

2

N

STH 69

STH 69

STH 69

SIGN

SIGN

SIGN

SIGN

CHARTER

WE ENERGIES

CAUTION

TV

G

AT

INL

OMP

PT: 287+09.84S

5' ASPHALT SHOULDER
BASE AGGREGATE DENSE SHOULDER

END CONSTRUCTION
288+53.80S

EP: 290+25.79S

287S

288S

289S

290S

15'

STH 69/18TH AVE WB ON-RAMP

286+99.61S, 15' RT

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

BP: 289+34.11T

START CONSTRUCTION
291+00.42T

PC: 291+26.37T

5' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

290T

291T

292T

15'

STH 69/18TH AVE WB OFF-RAMP

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

EXISTING PAVEMENT TO
TO REMAIN IN PLACE

CHARTER

BRIDGE B-23-35

286WB

287WB

288WB

289WB

290WB

STH 11/81

SIGN

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERCHANGE DETAILS - STH 69/18TH AVE - WB ON/OFF RAMPS	SHEET 28	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\021102_ID.DWG
LAYOUT NAME - 021102_ID - R4

PLOT DATE : 1/16/2018 11:11 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

BRIDGE B-23-37

20SB

CONC. SIDEWALK

4 INCH

20NB

STH 59

N

SIGN

INL

INL

SIGN

19SB

19NB

10'

14'

10'

14'

10'

12'

PC: 342+58.39Y

342Y

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

343Y

STH 59/6TH ST EB OFF-RAMP

344Y

345Y

343+16.58Y

5' ASPHALT SHOULDER
3" BASE AGGREGATE DENSE SHOULDER

100'

15'

15'

344+16.58Y, 15' RT.

100'

2' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

345+16.58Y, 15' RT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

345+16.58Y, 65' RT.
50' R.

345+66.34Y, 67.92' RT.

345+80.32Y, 35' LT.

345+30.69Y, 84.50' LT.
70'R.

345+39.02Y, 15' LT.

PT: 345+80.42Y

CONC. C&G
30" TYPE C
REJECT

3'R

18SB

18NB

EP: 345+92.44Y

BP: 345+49.24Z

346Z

3'R

8'

14'

20'

14'

17SB

150'R

30" C&G

17NB

100'

100'

GREEN AREA

16SB

16NB

15+81.29SB

START CONSRUCTION
15+96.50NB

INL

SIGN

SS

EM Location?

6TH ST

346+02.75Y, 44.48' LT.

346+20.37Y 35' LT.
20' R.

346+20.37Y, 15' LT.

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

349Z

348Z

347Z

STH 59/6TH ST EB ON-RAMP

15'

5' ASPHALT SHOULDER
3" BASE AGGREGATE DENSE SHOULDER

346+04.32Y

100'

346+04.32Y, 8' RT.

12'

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

346+04.32Y, 58'
50' R.

345+60.47Y, 34.31' RT.

STH 59

STH 59

MH

RIPRAP

CITY OF MONROE

SEPC

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERCHANGE DETAILS - STH 59/6TH ST - EB ON/OFF RAMPS	SHEET 29	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\021102_ID.DWG
LAYOUT NAME - 021102_ID - R5

PLOT DATE : 1/16/2018 11:11 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

END CONSTRUCTION
26+11.04NB

STH 59

26SB

26NB

SIGN

100'

348+91.65X, 74.89' LT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

349+40.66X, 65' LT.
65' R.

2' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

350+40.66X, 15' LT.

349+40.66X, 15' LT.

100'

100'

351+40.66X

352X

351X

350X

349X

15'

15'

STH 59/6TH ST WB OFF-RAMP

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

348+96.76X, 15' RT.

349+00.24X, 84.91' RT..
70' R.

348+62.69X, 25.8' RT.

25SB

CONC. C&G
30" TYPE G
REJECT

GREEN AREA

10'

14'

20'

25NB

14'

8'

348+53.73X

348+40.97W, 33.83' LT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

347+97.20W, 58' LT.
50' R.

347+97.19W, 8' LT.

150'

347+74W

347+36.50W, 5' LT.

346+24.00W, 20' LT.

2' BASE AGGREGATE DENSE SHOULDER

348W

347W

346W

345W

20'

15'

OSOW STAGING AREA

STH 59/6TH ST WB ON-RAMP

347+80.77W, 15' RT.

347+80.77W, 35' RT.
20' R.

347+98.23W, 44.75' RT.

3' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

EP: 348+52.16W

24SB

24NB

3'R

10'

14'

10'

14'

12'

23SB

CONC. C&G
30" TYPE G
REJECT

SIGN

22SB

CONC. SIDEWALK
4-INCH

22NB

CONC. SIDEWALK
4-INCH

BRIDGE B-23-37

SIGN

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERCHANGE DETAILS - STH 59/6TH ST - WB ON/OFF RAMPS	SHEET 30	E

2

2

N

R/W

TV

CHARTER

SIGN

Pi: 415+75.00WB

6' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

14'

12'

415WB

STH 11/81

420WB

INL

Pi: 417+50.00EB

STA. 417+98.56EB, 0' LT.

415EB

12'

14'

STH 11/81

SIGN

6' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

150'

STA. 416+77.83EB, 26' RT.

STA. 418+27.82EB, 36' RT.

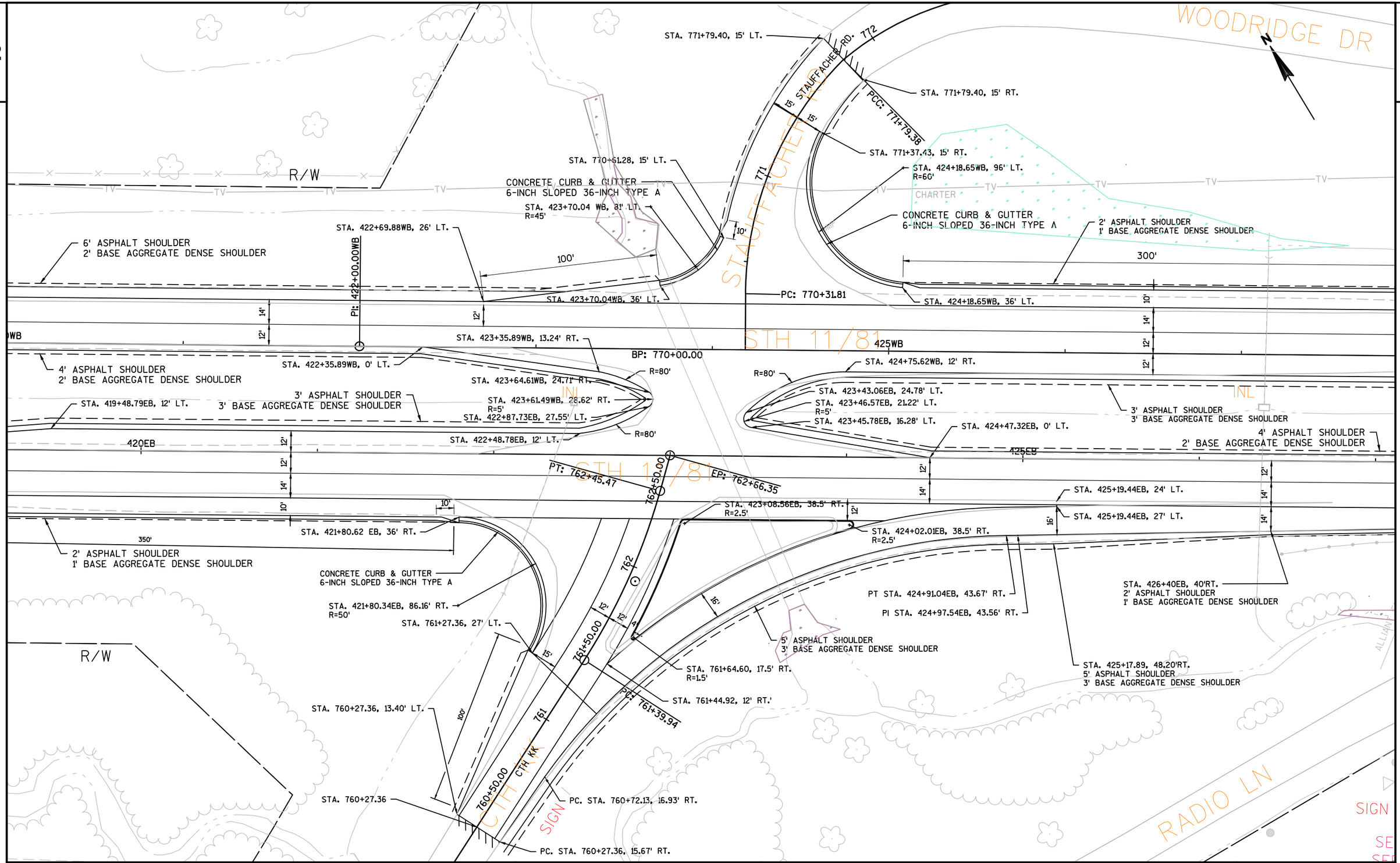
R/W

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERSECTION DETAILS - CTH KK/STAUFFACHER RD.	SHEET 31	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 01

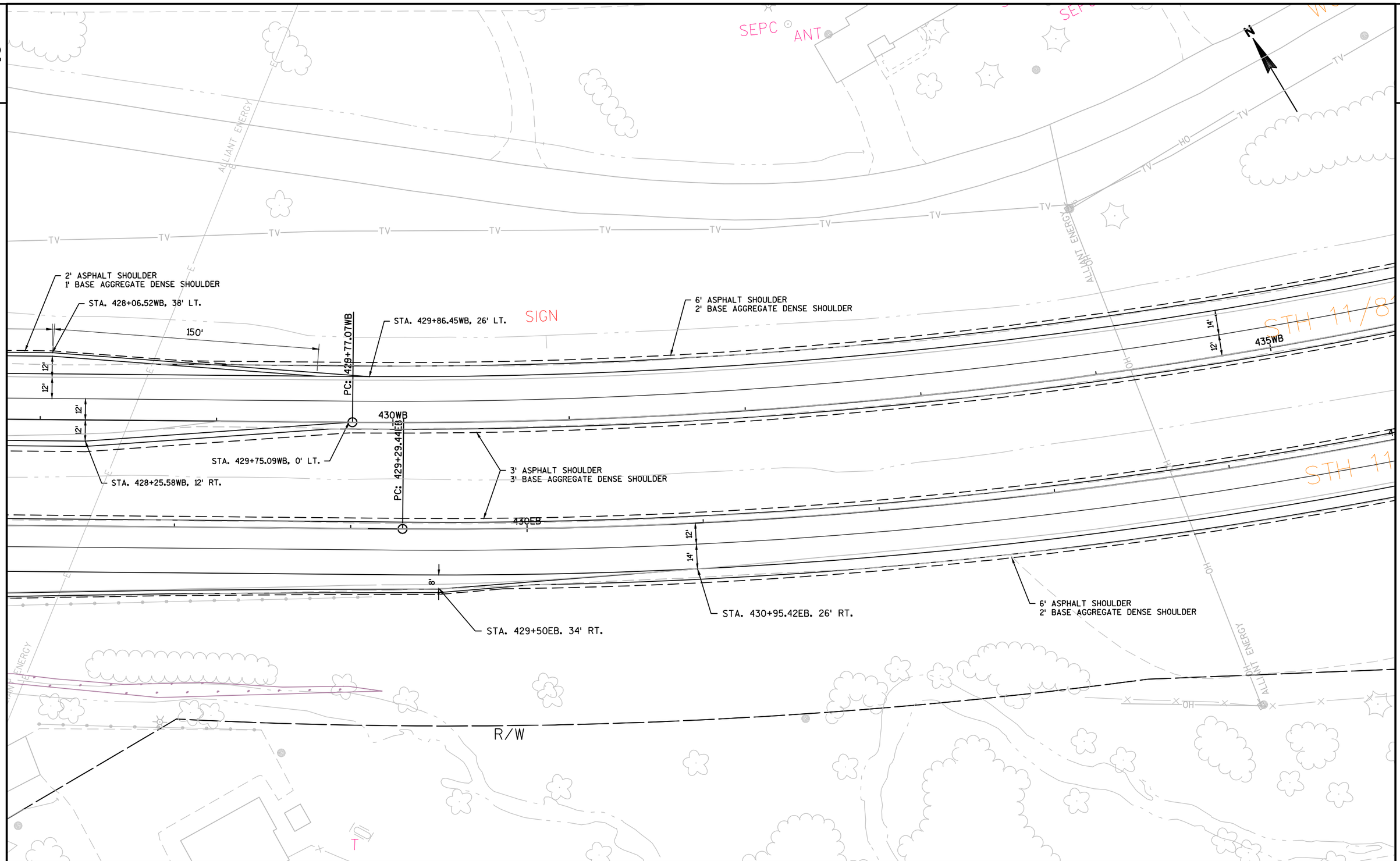
PLOT DATE : 1/16/2018 11:12 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERSECTION DETAILS - CTH KK/STAUFFACHER RD.	SHEET 32	E

2



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERSECTION DETAILS - CTH KK/STAUFFACHER RD.	SHEET 33	E

2

STAUFFACHER RD

R/W

STH 11/81

455WB

PI: 455+00.00WB

6' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

14'

12'

4' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

STA. 455+18.86EB, 12' LT.

3' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

300'

150'

68.82EB, 0' LT.

455EB

STH 11/81

STA. 453+64.42EB, 36' RT.

STA. 455+14.35EB, 36' RT.

2' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

R/W

EP: 785+39.5

ALLIANT ENERGY

CHARTER

TDS TELECOM

STA. 784+34.72

RICHLAND RD. (N)

784

785

STA. 783+68.79, 15' LT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

STA. 458+75.32WB, 74.77' LT.
R=40'

STA. 458+85.77WB, 36' LT.

100'

STA. 457+75.78WB, 26' LT.

STA. 457+95.81WB, 0' LT.

BP: 783+00.00

STA. 458+77.13WB, 12' RT.

STA. 459+02.32WB, 26.67' RT.

STA. 458+61.12EB, 30' LT.
R=5'

R=80'

STA. 458+18.86EB, 12' LT.

STA. 458+63.88EB, 25.84' LT.

EP: 782+33.54

STA. 458+14.35EB, 36' RT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

STA. 458+14.35EB, 96' RT.
R=60'

STA. 781+37.33, 15' LT.

SIGN

SIGN

RICHLAND RD. (S)

781

781+50.00

780+50.00

STA. 780+83.21

R/W

STA. 783+83.47, 15' RT.

STA. 460+03.27WB, 95.95' LT.
R=60'

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

STA. 460+05.77WB, 36' LT.

PC: 783+48.78

10'

PI: 460+75.00WB

460WB

STA. 460+02.59WB, 12' RT.

R=80'

INL

STA. 459+56.49WB, 26.38' RT.

STA. 459+59.20WB, 30.58' RT.
R=5'

STA. 459+18.12EB, 26.05' LT.

STA. 459+41.82EB, 12' LT.

STA. 460+23.68EB, 0' LT.

460EB

782

STA. 459+44.08EB, 36' RT.

STA. 460+44.35EB, 26' RT.

STA. 459+44.08EB, 76' RT.
R=40'

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

STA. 781+57.74, 15' RT.

R/W

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERSECTION DETAILS - RICHLAND RD.	SHEET 34	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 04

PLOT DATE : 1/16/2018 11:13 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

INL

INL

W

W

W

R/W

OH

ALLIANT ENERGY

OH

ALLIANT ENERGY

A

2' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

300'

STA. 463+05.80WB, 36' LT.

150'

STA. 464+05.80WB, 26' LT.

SIGN

5' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

10'

14'

12'

STH 11/81

465WB

12'

14'

12'

150'

300'

4' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

3' ASPHALT SHOULDER
3' BASE AGGREGATE DENSE SHOULDER

150'

STA. 467+67.22EB, 0' LT.

8EB, 0' LT.

465EB

12'

14'

STH 11/81

6' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

T.

R/W

R/W

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERSECTION DETAILS - RICHLAND RD.	SHEET 35	E

2

N

EP: 794+32.63

R/W

ALLIANT ENERGY

OH

GUY

HILTBRAND LN.

794

793

STA. 793+59.06

STA. 792+79.11, 15' RT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

STA. 792+91.97, 15' RT.

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE A

STA. 471+66.38WB, 85.90' LT.
R=50'

STA. 473+01.74WB, 90.90' LT.
R=55'

10'

STA. 471+69.40WB, 36' LT.

STA. 472+98.41WB, 36' LT.

STA. 470+69.38WB, 26' LT.

100'

200'

150'

2' ASPHALT SHOULDER
1' BASE AGGREGATE DENSE SHOULDER

6' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

STA. 476+48.05WB, 26' LT.

STA. 474+98.35WB, 36' LT.

PC: 473+64.53WB

14'

12'

STH 11/81

475WB

OWB

STA. 470+93.73WB, 0' RT.

BP: 792+00.00

473+51.23WB, 0' RT.

R=80'

472+53.21WB, 26.71' RT.

STA. 471+67.23WB, 13.27' RT.

STA. 471+99.08WB, 26.59' RT.

STA. 470+58.16EB, 30' LT.
R=5'

472+91.49WB, 9.44' RT.

472+18.16EB, 30' LT.
R=5'

472+43.786EB, 14' LT.

472+15.73EB,
25.64' LT.

4' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

470EB

STA. 470+17.22EB, 12' LT.

STA. 471+60.77EB, 25.73' LT.

473+13.16WB, 0' RT.

475EB

PC: 473+36.06EB

PE

6' ASPHALT SHOULDER
2' BASE AGGREGATE DENSE SHOULDER

R/W

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERSECTION DETAILS - HILTBRAND LN.	SHEET 36	E

2

2

N

ALLIANT ENERGY

CHARTER

340+64W

PT: 341+29.35W

342+64W

346+24W

347+74W

348+40.61W, 34.13' LT.

347+96.67W, 8' LT.

347+96.67W, 58' LT.
50' R.

347+74W, 0' LT.

347+36.50W, 5' LT.

200'

360'

150'

2'

20'

15'

OSOW TRUCK STAGING AREA

STH 59 WB ON-RAMP

341W

342W

343W

344W

345W

346W

347W

348W

347+80.29W, 15' RT.

347+80.29W, 35' RT.
20' R.

347+97.86W, 44.55' RT.

305B

STH 59

30NB

29SB

29NB

SIGN

INL

345WB

STH 11/81

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	INTERSECTION DETAILS - TRUCK STAGING STH 59 WB ON-RAMP	SHEET 37	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 07

PLOT DATE : 1/16/2018 11:14 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

STA 230+17.15 EB
BEGIN RAMP CONCRETE PAVEMENT
AND RAMP SUBGRADE
END PARALLEL LANE CONCRETE
PAVEMENT AND MAINLINE
SUBGRADE

STA 226+33.55, 35.94' RT

STA 229+93.90, 38.00' RT
3'R

STA 230+17.15, 40.00' RT
3'R

SIGN

SIGN

SIGN

MH

STH 11

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 38	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (1)STH11

PLOT DATE : 3/27/2018 3:32 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

STH 11

INL

249WB 250WB 251WB 252WB 253WB 254WB 255WB 256WB

249EB 250EB 251EB 252EB 253EB 254EB 255EB 256EB

1044.14 1045.17 1046.16 1047.13 1048.05 1048.94 1049.80 1050.61 1051.40 1052.15 1052.86 1053.53 1054.17 1054.78 1055.35 1055.88

1044.06 1044.89 1045.69 1046.60 1047.52 1048.41 1049.27 1050.09 1050.87 1051.62 1052.33 1053.01 1053.65 1054.25 1054.82 1055.35

1043.78 1044.57 1045.14 1045.98 1046.91 1047.80 1048.65 1049.47 1050.25 1051.00 1051.71 1052.39 1053.03 1053.63 1054.20 1054.74

1056.63 1057.08 1057.62 1058.22 1058.39

1057.32 1057.92 255K 1058.53 256K

SIGN

N

STA 253+75.84 EB
END RAMP CONCRETE PAVEMENT
AND RAMP SUBGRADE
BEGIN PARALLEL LANE CONCRETE
PAVEMENT AND MAINLINE
SUBGRADE

STA 253+75.84, 37.00' RT
3'R

STA 254+09.05, 35.00' RT
3'R

1050.78 251M 1050.43 1049.69

1050.24 252M 1050.21 1049.47

1049.50

1050.34 253M 1050.64 1049.61

1049.90

254M 1051.09 1050.36

1050.98 255M 1051.71 1051.68

1052.38 256M 1052.43 1053.09

1053.78 1053.88 1053.17 1054.43 1054.55 1055.03

STH 11/69/81

257K 258K 259K

1060.30 1060.74 1061.08 1061.21 1061.31 1061.49 1061.62 1061.85 1062.03 1062.28 1062.53 1062.77 1063.02 1063.27 1063.51 1063.76 1064.01

1059.87 1060.30 1060.52 1060.63 1060.71 1060.94 1061.11 1061.19 1061.36 1061.60 1061.85 1062.10 1062.34 1062.59 1062.84 1063.08 1063.33 1063.58

257WB 258WB 259WB 260WB 261WB 262WB 263WB 264WB

1060.07 1060.24 1060.48 1060.73 1060.98 1061.22 1061.47 1061.72 1061.97 1062.21 1062.46

1060.59 1060.75 1061.00 1061.25 1061.49 1061.74 1061.99 1062.23 1062.48 1062.73 1062.98

INL

257EB 258EB 259EB 260EB 261EB 262EB 263EB 264EB

1056.38 1056.84 1057.27 1057.66 1058.01 1058.33 1058.62 1058.87 1059.10 1059.33 1059.56 1059.79 1060.02 1060.25 1060.48 1060.7

1055.85 1056.31 1056.74 1057.13 1057.49 1057.81 1058.09 1058.34 1058.57 1058.80 1059.03 1059.26 1059.49 1059.72 1059.95 1060.18

1055.03 1055.70 1056.12 1056.51 1056.87 1057.19 1057.47 1057.72 1057.95 1058.18 1058.41 1058.64 1058.87 1059.10 1059.33 1059.57

1054.43 1055.56 1056.09 1056.56 1056.97 1057.25 1057.44 1057.71 1057.94 1058.11 1058.37 1058.43 1058.66 1058.89 1059.13

257M 258M 259M 260M 261M 262M

1055.02 1055.55 1056.02 1056.43 1056.78 1057.08 1057.33 1057.59 1057.85

STA 262+14.07, 36.00' RT

SIGN

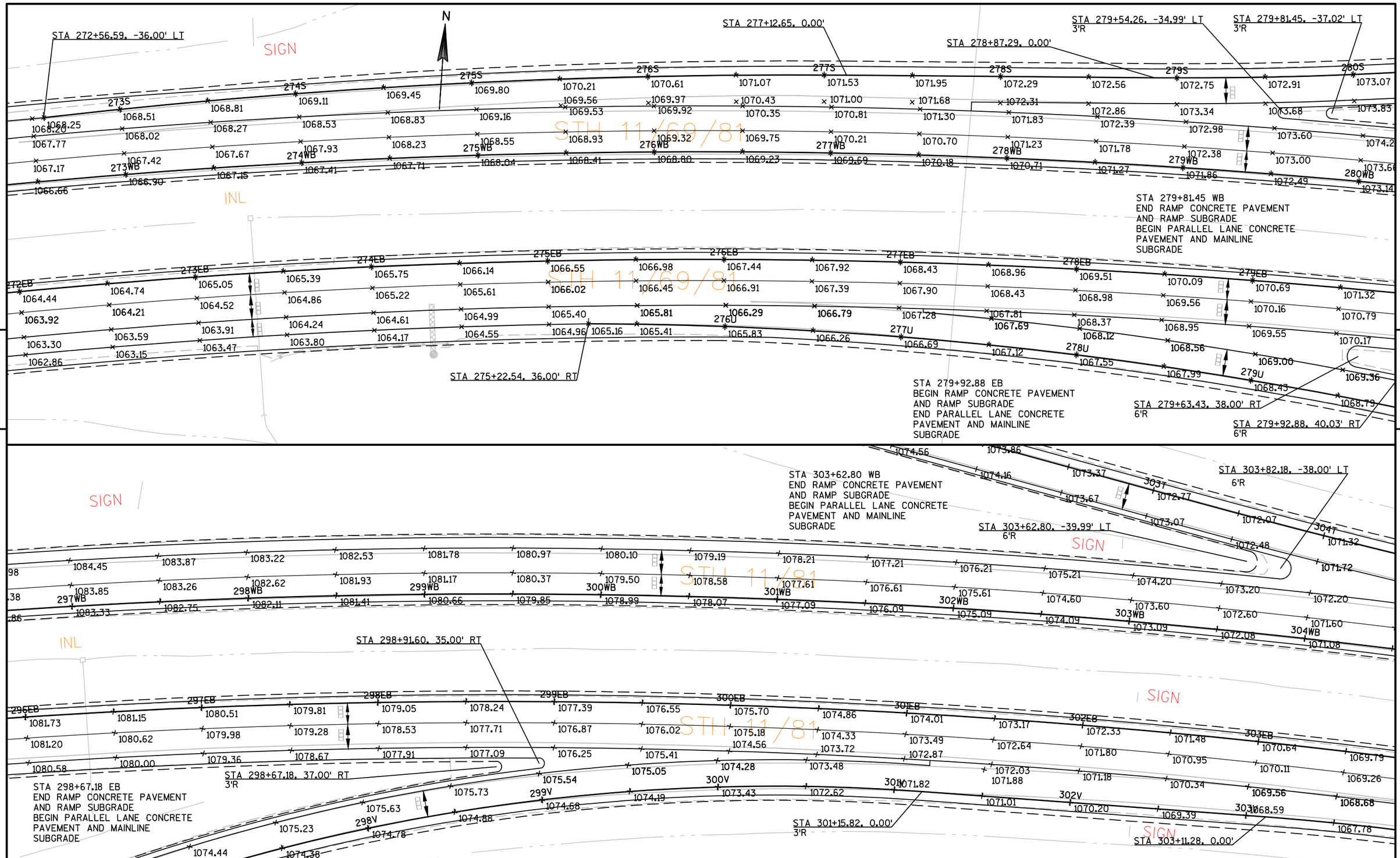
STH 11/69/81

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 39	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (2)STH11

PLOT DATE : 3/27/2018 3:32 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 40	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (3)STH11

PLOT DATE : 3/27/2018 3:33 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

STA 305+81.86, 0.00'

STA 311+03.33, 0.00'

STA 304+37.78, 0.00'

STA 308+24.42, 0.00'

STA 311+84.89, 26.00' RT

	305T	306T	307T	308T	309T	310T	311T
	1070.57	1069.82	1069.06	1068.39	1067.73	1067.06	1066.39	1065.86	1065.42	1065.12	1064.97	1064.98	1065.05	1065.22	1065.42	1065.7
	1070.97	1070.22	1069.47													
	1071.24	1070.36	1069.57	1068.86	1067.98	1067.28	1066.58	1066.05	1065.61	1065.24	1065.06	1065.04	1065.08	1065.21		
	1070.64	1069.76	1068.97	1068.26	1067.58	1066.90	1066.36	1065.98	1065.69	1065.48	1065.36	1065.32	1065.36	1065.49	1065.70	1065.9
	1070.12	1069.24	1068.45	1067.74	1067.12	1066.57	1066.12	1065.74	1065.45	1065.24	1065.12	1065.08	1065.12	1065.25	1065.46	1065.7
	305WB	306WB	307WB	308WB	309WB	310WB	311WB	312WB

	304EB	305EB	306EB	307EB	308EB	309EB	310EB	311EB
	1069.79	1068.98	1068.25	1067.59	1067.01	1066.50	1066.06	1065.70	1065.42	1065.21	1065.07	1065.01	1065.02	1065.11	1065.27	1065.51
	1069.26	1068.46	1067.72	1067.06	1066.48	1066.12	1065.89	1065.73	1065.64	1065.45	1065.31	1065.25	1065.26	1065.35	1065.51	1065.75
	1068.68	1067.85	1067.04	1066.42	1066.20	1065.69	1065.61	1065.45	1065.36	1065.17	1065.03	1064.97	1064.98	1065.07	1065.23	1065.47
	1067.78	304V 1067.05	1066.50	305V 1066.11	1065.88	306V 1065.74	1065.61	307V 1065.47	1065.33	308V 1065.19	1065.05	1064.91	309V 1064.86	1064.98	310V 1065.17	311V 1065.42

	312EB	313EB	314EB	315EB	316EB	317EB	318EB	319EB
	1065.82	1066.17	1066.52	1066.87	1067.22	1067.56	1067.91	1068.26	1068.61	1068.96	1069.32	1069.73	1070.17	1070.64	1071.15	1071.70	1072.29
	1066.06	1066.41															
	1066.06	1066.30	1066.76	1067.11	1067.46	1067.80	1068.15	1068.50	1068.85	1069.20	1069.56	1069.97	1070.41	1070.88	1071.39	1071.94	1072.53
	1065.78	1066.13	1066.02	1066.48	1066.83	1067.18	1067.52	1067.87	1068.22	1068.57	1068.92	1069.28	1069.69	1070.13	1070.60	1071.11	1071.66	1072.25
	313WB	314WB	315WB	316WB	317WB	318WB	319WB	320WB

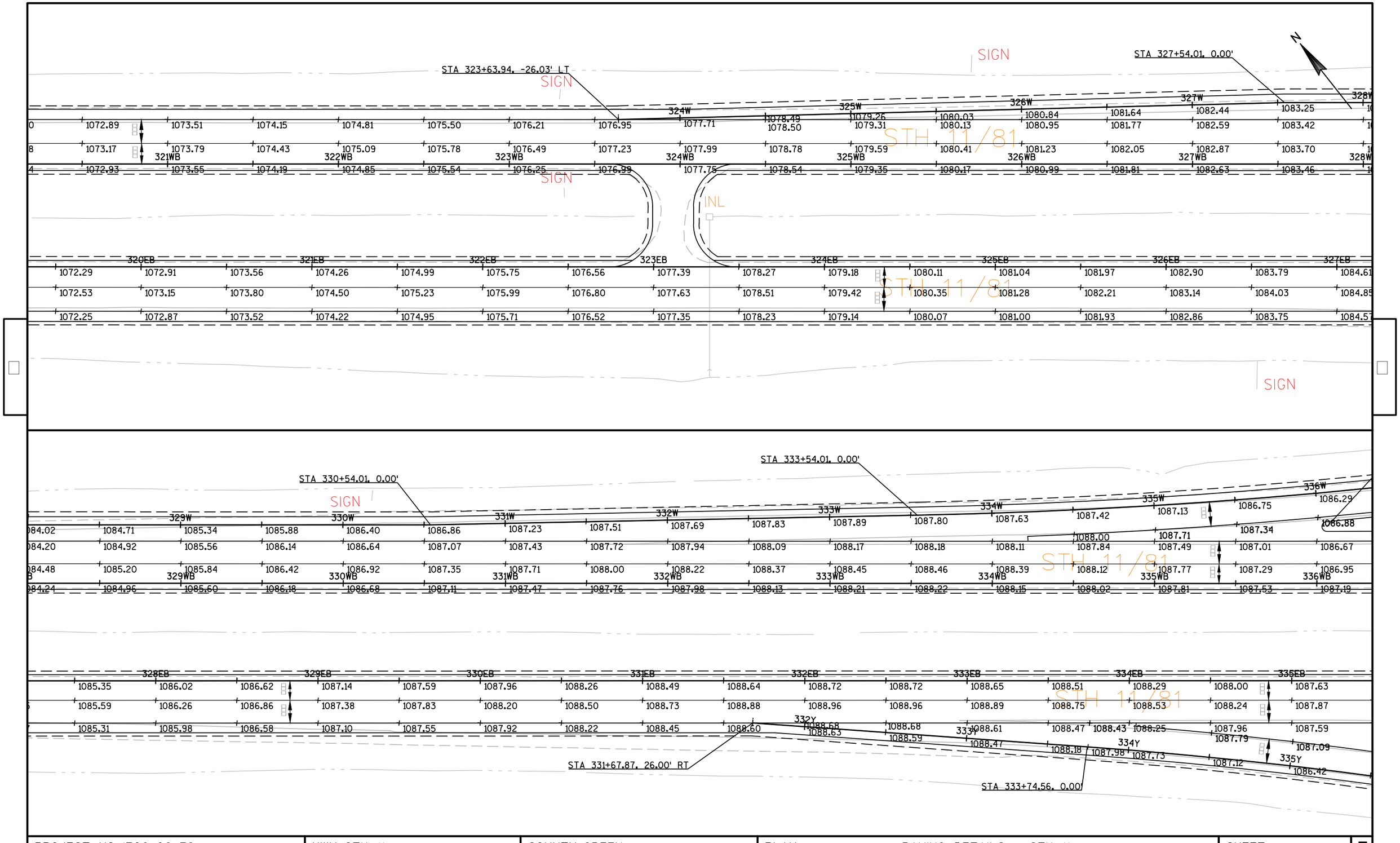
	1066.05	1066.38	1066.72	1067.06	1067.39	1067.73	1068.07	1068.45	1068.84	1069.26	1069.71	1070.18	1070.67	1071.19	1071.73	1072.30	10
	1066.33	1066.66	1067.00	1067.34	1067.67	1068.01	1068.35	1068.73	1069.12	1069.54	1069.99	1070.46	1070.95	1071.47	1072.01	1072.58	10
	1066.09	1066.42	1066.76	1067.10	1067.43	1067.77	1068.11	1068.49	1068.88	1069.30	1069.75	1070.22	1070.71	1071.23	1071.77	1072.34	10

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 41	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (4)STH11

PLOT DATE : 3/27/2018 3:33 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 42	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (5)STH11

PLOT DATE : 3/27/2018 3:34 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

STA 336+06.31, -35.01' LT
3'R

STA 336+38.42, -37.01' LT
3'R

STA 336+38.42 WB
END RAMP CONCRETE PAVEMENT
AND RAMP SUBGRADE
BEGIN PARALLEL LANE CONCRETE
PAVEMENT AND MAINLINE
SUBGRADE

SIGN

INL

STA 335+96.01, 40.00' RT
6'R

STA 335+75.35, 38.00' RT
6'R

STA 335+96.01 EB
BEGIN RAMP CONCRETE PAVEMENT
AND RAMP SUBGRADE
END PARALLEL LANE CONCRETE
PAVEMENT AND MAINLINE
SUBGRADE

STA 363+46.24 WB
BEGIN RAMP CONCRETE PAVEMENT
AND RAMP SUBGRADE
END PARALLEL LANE CONCRETE
PAVEMENT AND MAINLINE
SUBGRADE

STA 363+46.24, -40.00' LT
6'R

STA 363+66.02, -38.00' LT
6'R

STA 366+60.50, 0.00'

STH 11/81

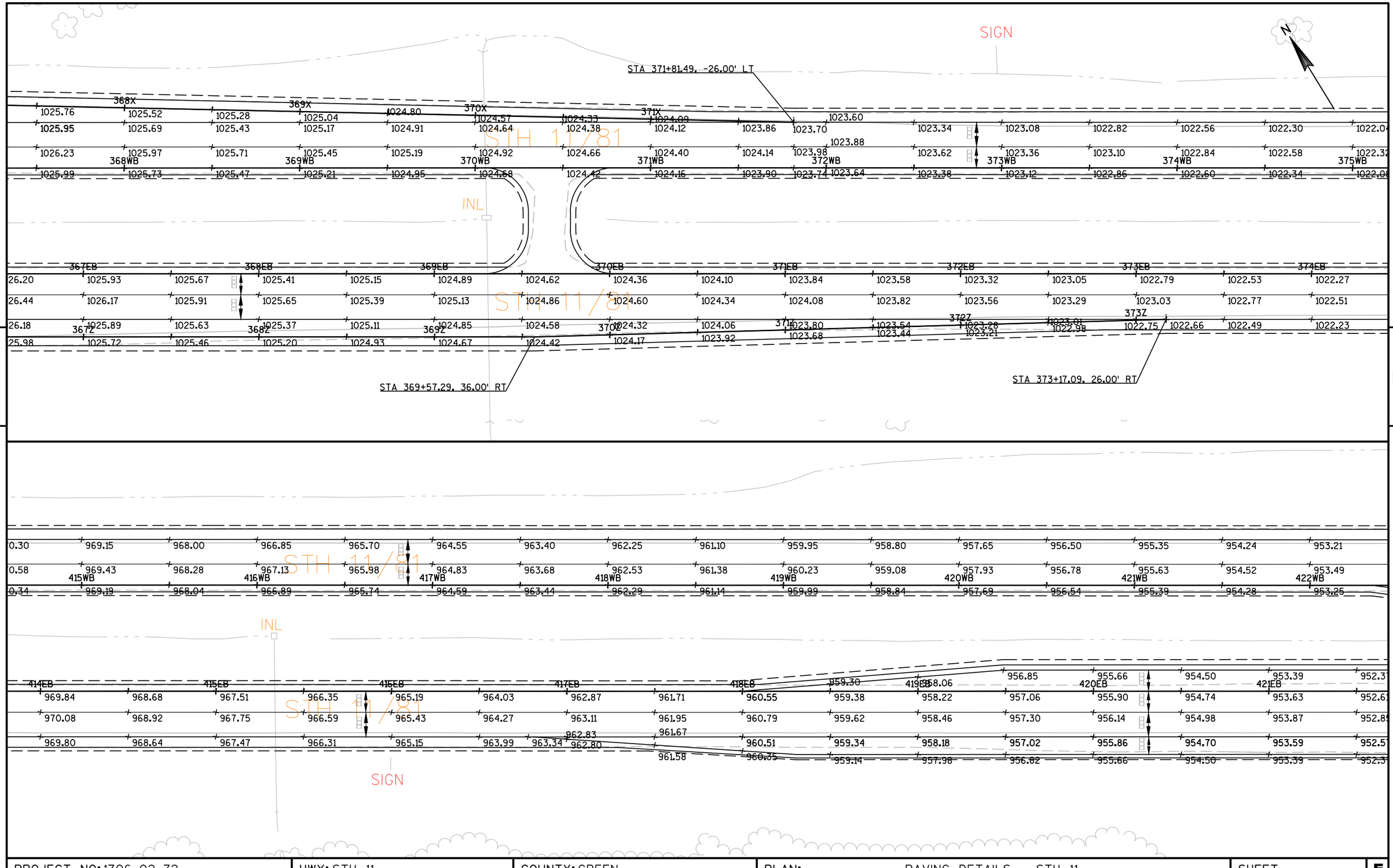
STA 360+00.67, 37.00' RT
3'R

STA 360+31.46, 35.00' RT
3'R

STA 360+00.67 EB
END RAMP CONCRETE PAVEMENT
AND RAMP SUBGRADE
BEGIN PARALLEL LANE CONCRETE
PAVEMENT AND MAINLINE
SUBGRADE

STA 365+07.29, 36.00' RT

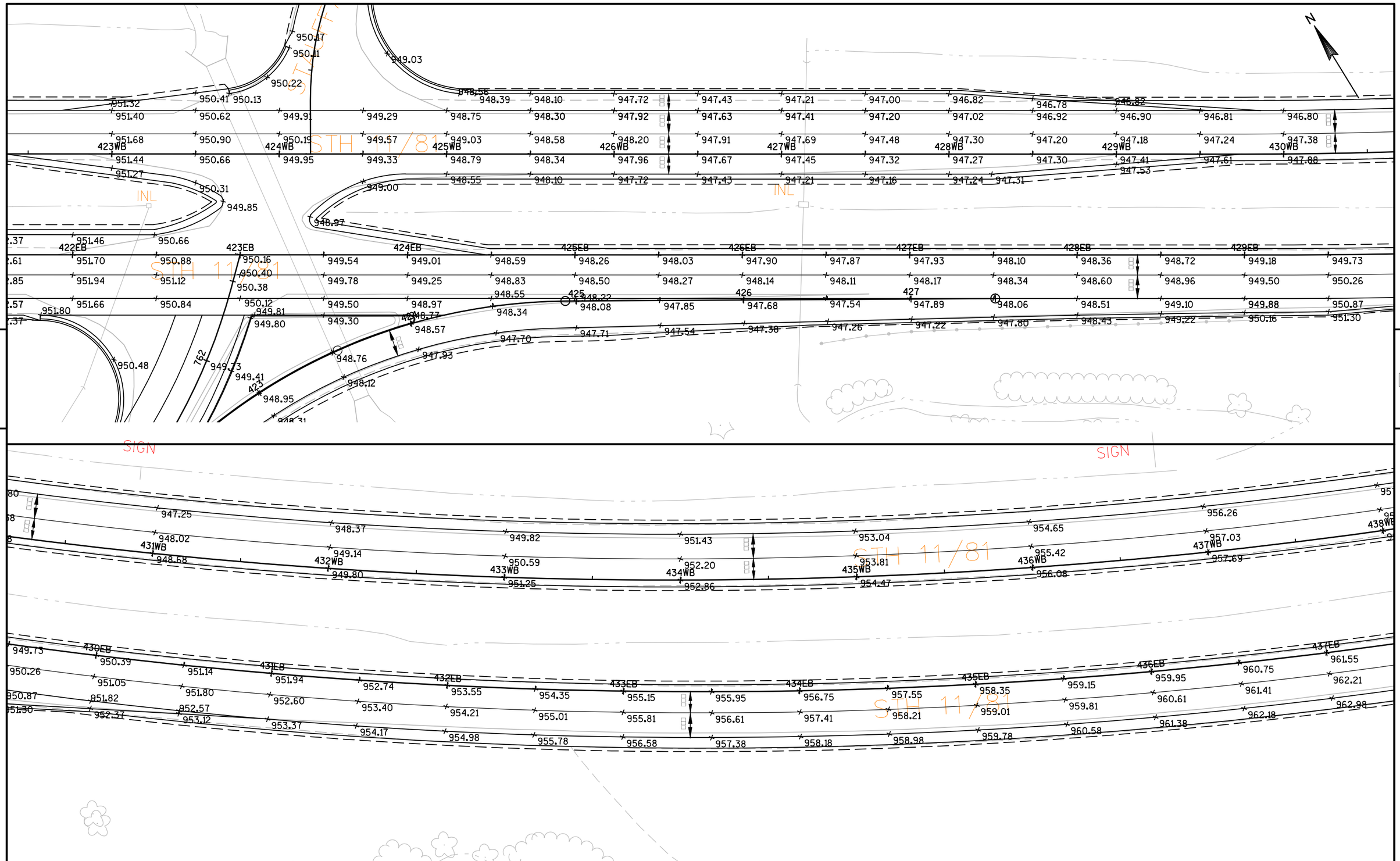
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 43	E



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 44	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (7)STH11

PLOT DATE : 3/27/2018 3:35 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

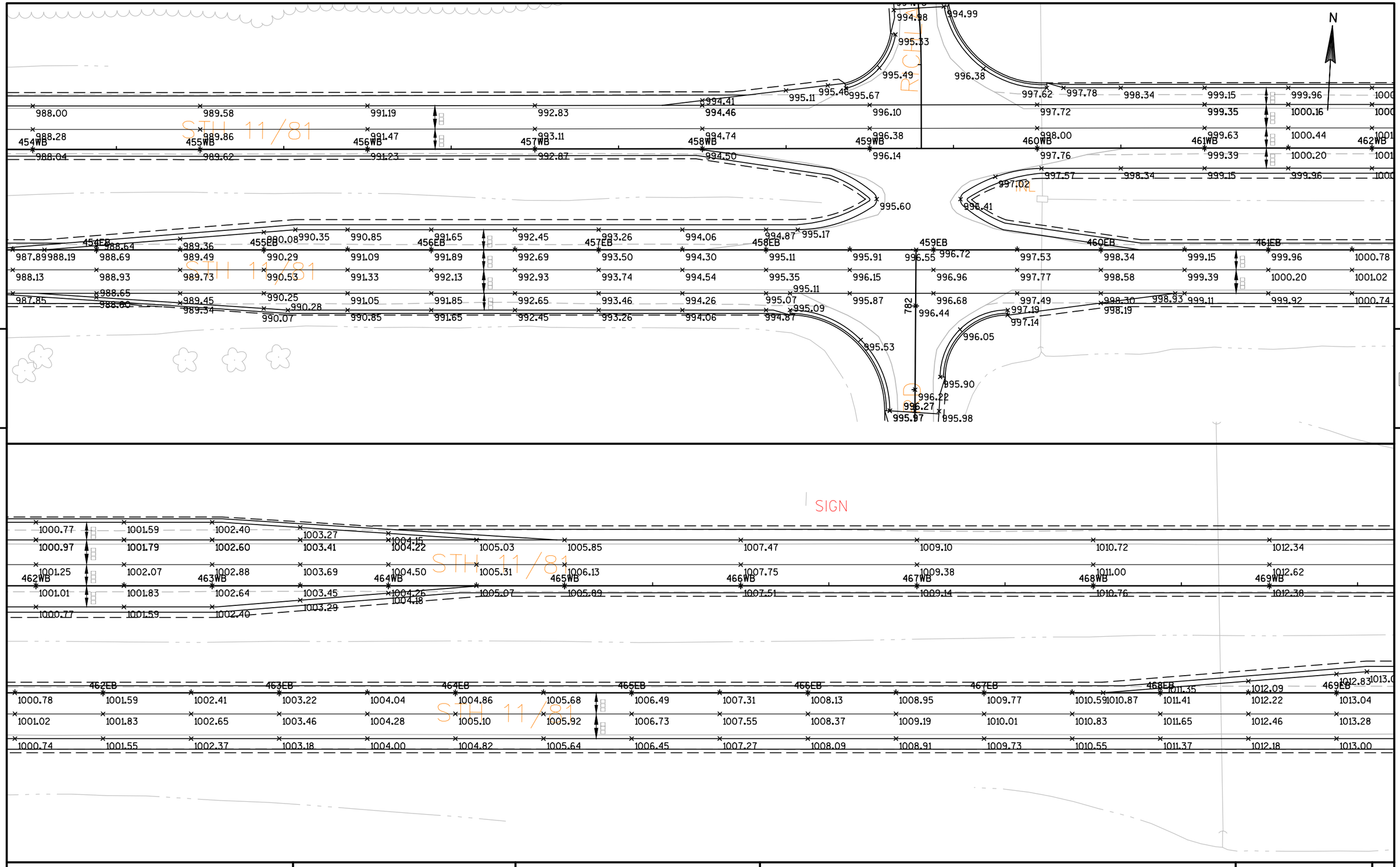


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS	SHEET 45	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (8)STH11

PLOT DATE : 3/27/2018 3:35 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

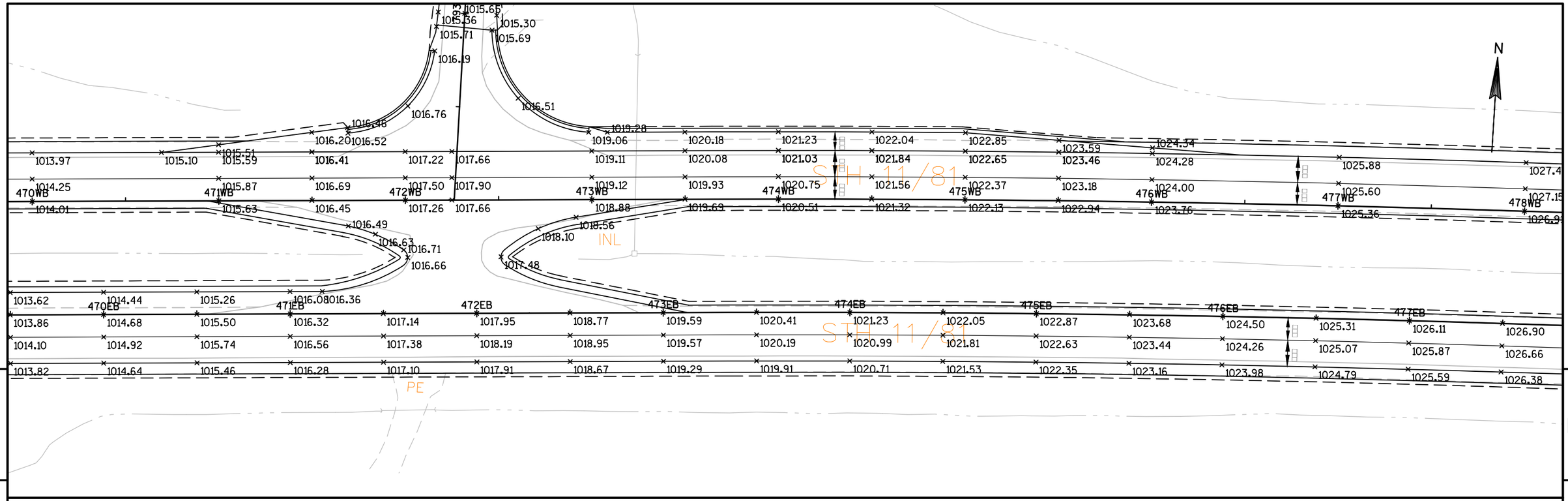
WISDOT/CADDS SHEET 44



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 46 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (9)STH11

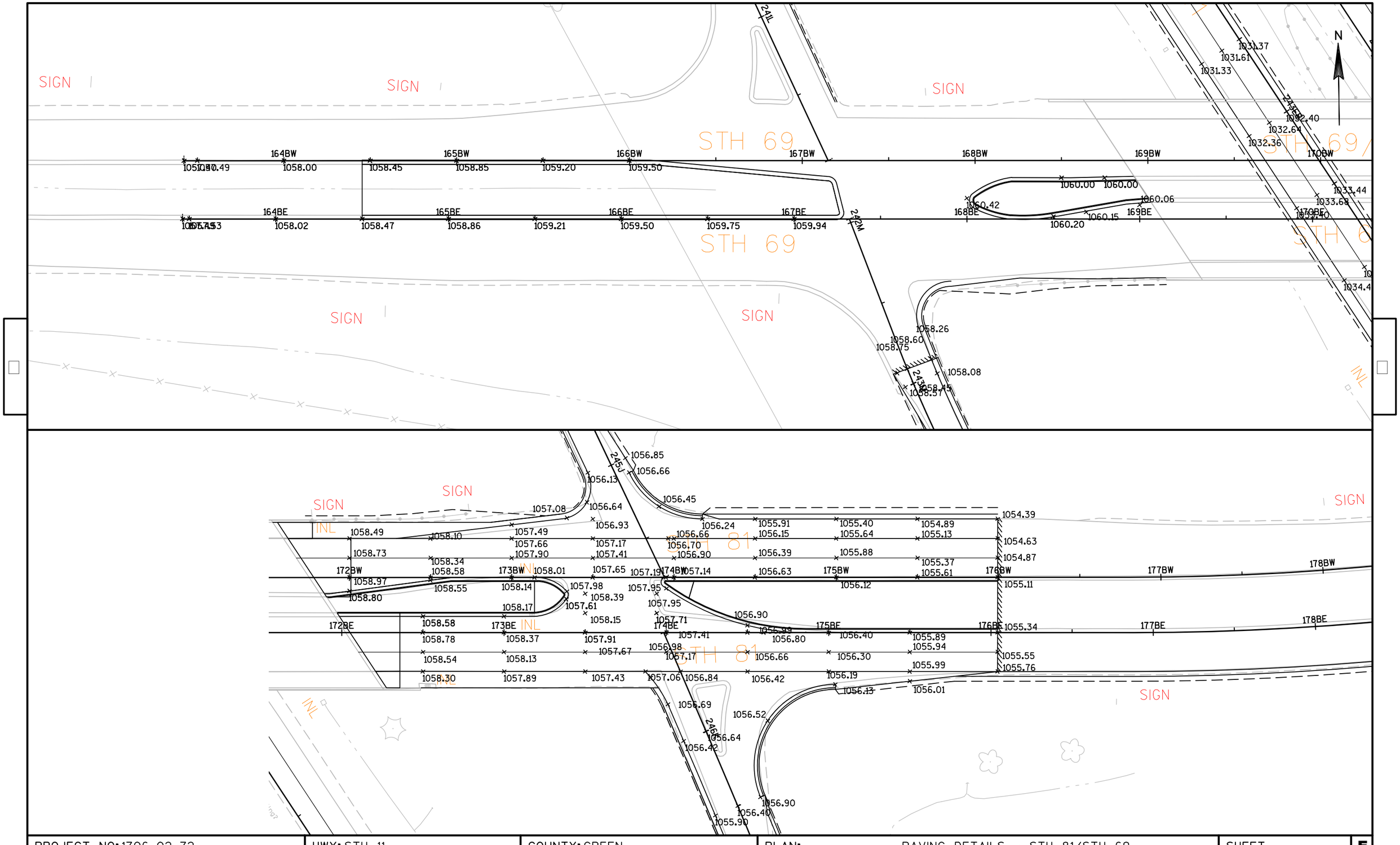
PLOT DATE : 3/27/2018 3:35 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 11	SHEET 47	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (10)STH11

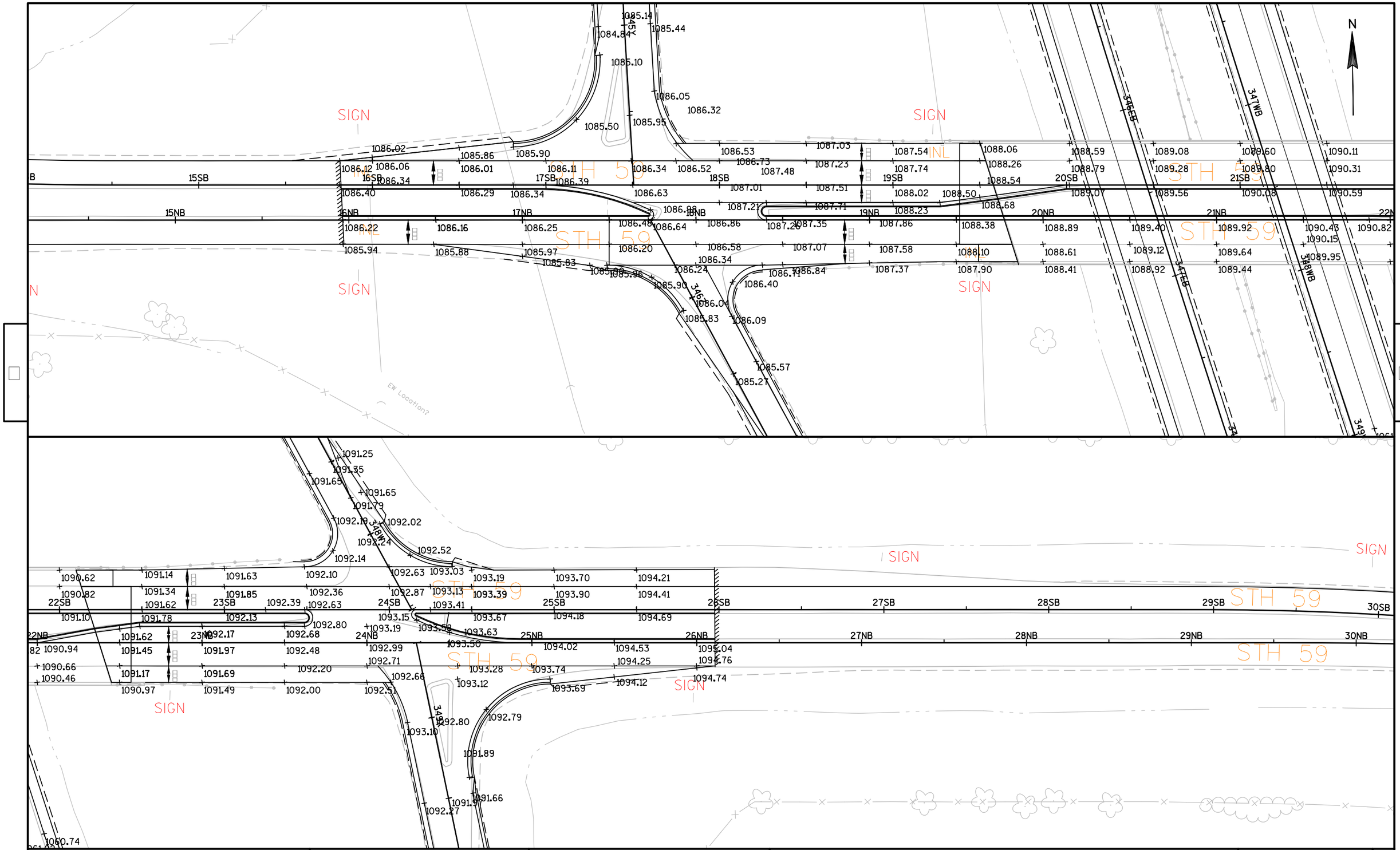
PLOT DATE : 3/27/2018 3:36 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 81/STH 69	SHEET 48	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (20)STH81

PLOT DATE : 3/27/2018 3:36 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : Custom



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 59/6TH ST.	SHEET 49	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET - (21)STH59

PLOT DATE : 3/27/2018 3:36 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

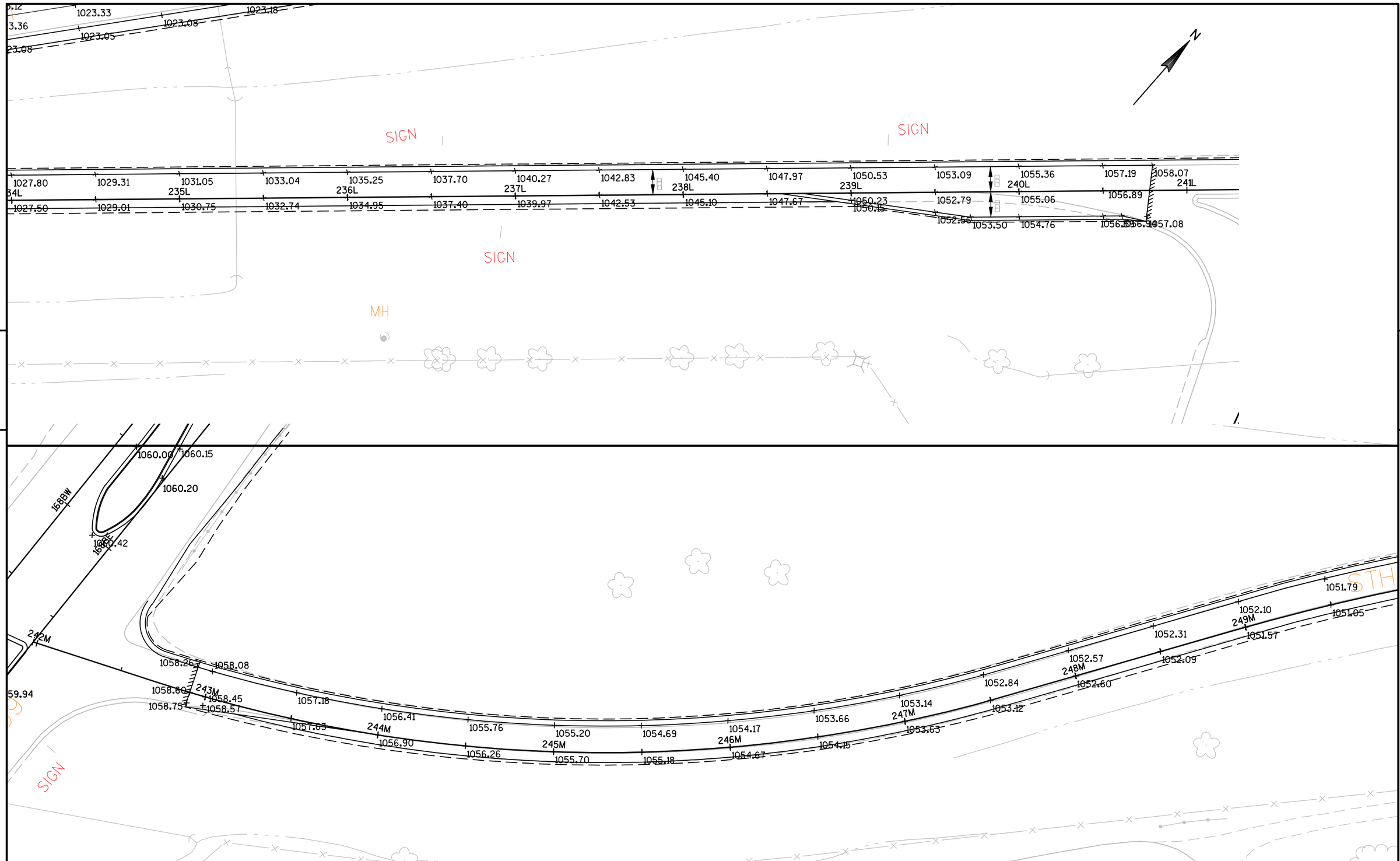
38J
239J
240J
241J
242J
243J
244J
245J
1049.42
1048.55
1051.61
1050.74
1053.56
1052.69
1055.02
1054.15
1056.18
1056.06
1055.38
1056.85
1056.66
1056.45
1056.13
1056.64
1057.08
SIGN
1056.12
1056.40
1056.30
1056.13
1056.19
175BE
1056.80
1056.99
1056.66
1056.90
1056.42
STH 11
1056.52
246K
1057.41
1056.84
1057.71
1057.17
1056.69
1056.98
1057.06
1056.90
1056.40
247K
1056.76
1056.22
1056.54
1056.00
1056.32
248K
1055.79
1056.10
1055.57
1055.90
249K
1055.36
1055.51
1055.22
250K
1055.16
1055.15
1055.16
251K
1055.24
1055.40
252K
1055.63
1055.94
253K
1056.24
SIGN
SIGN
1055.90
1055.68
1056.46
1055.25
1055.03
1054.82
1054.92
1055.14
1055.43
1055.54
1055.70
1055.93
1057.67
1057.91
1057.43
1057.89
253WB
252WB
251WB
STH 11

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 81 WB RAMPS	SHEET 50 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET22-STH81WB-ON

PLOT DATE : 3/27/2018 3:37 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 81 EB RAMPS	SHEET 51 E

STA 272+56.59, -36.00' LT

STA 277+12.65, 0.00'

STA 278+87.29, 0.00'

STA 279+54.26, -34.99' LT

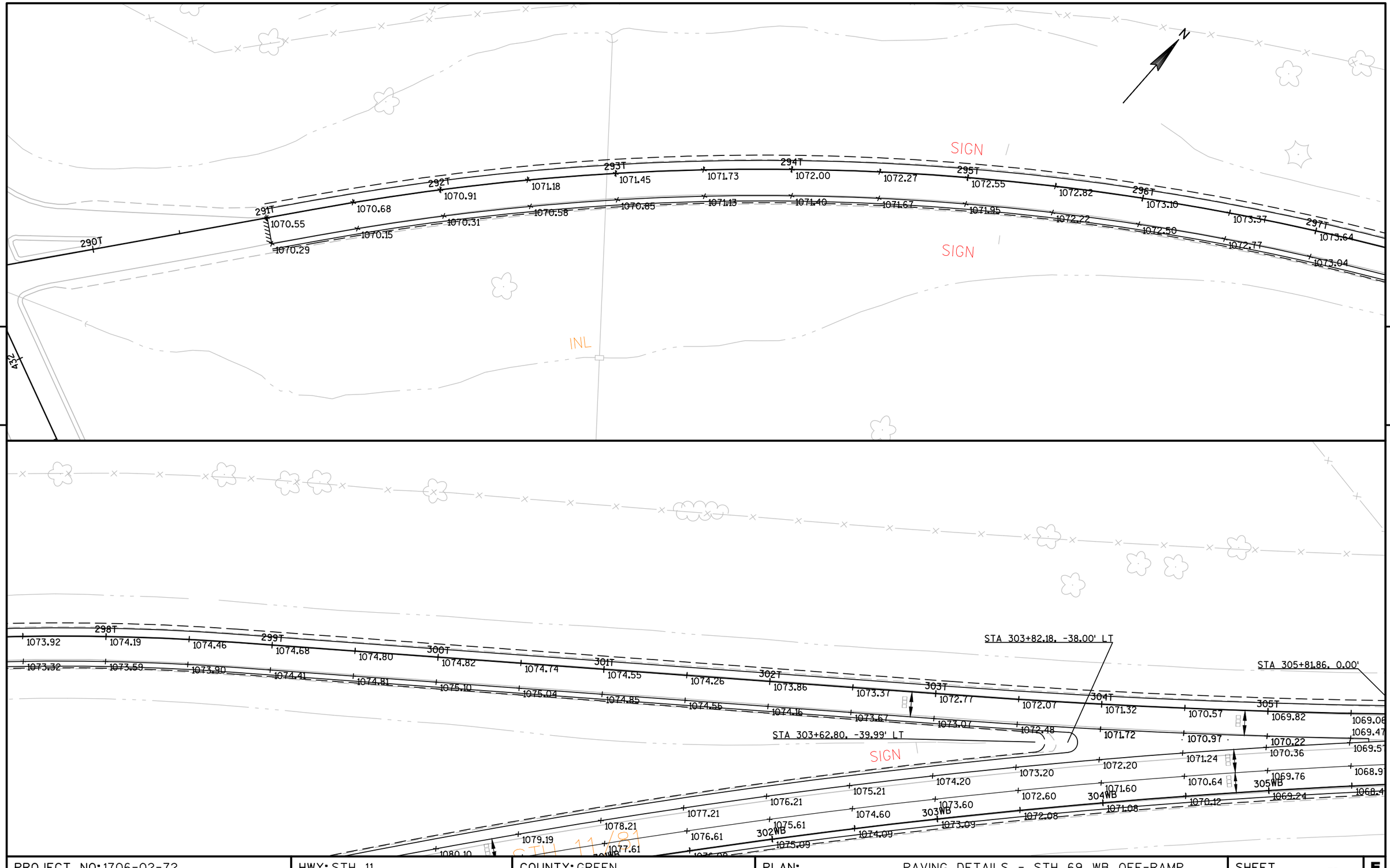
STA 279+81.45, -37.02' LT

SIGN

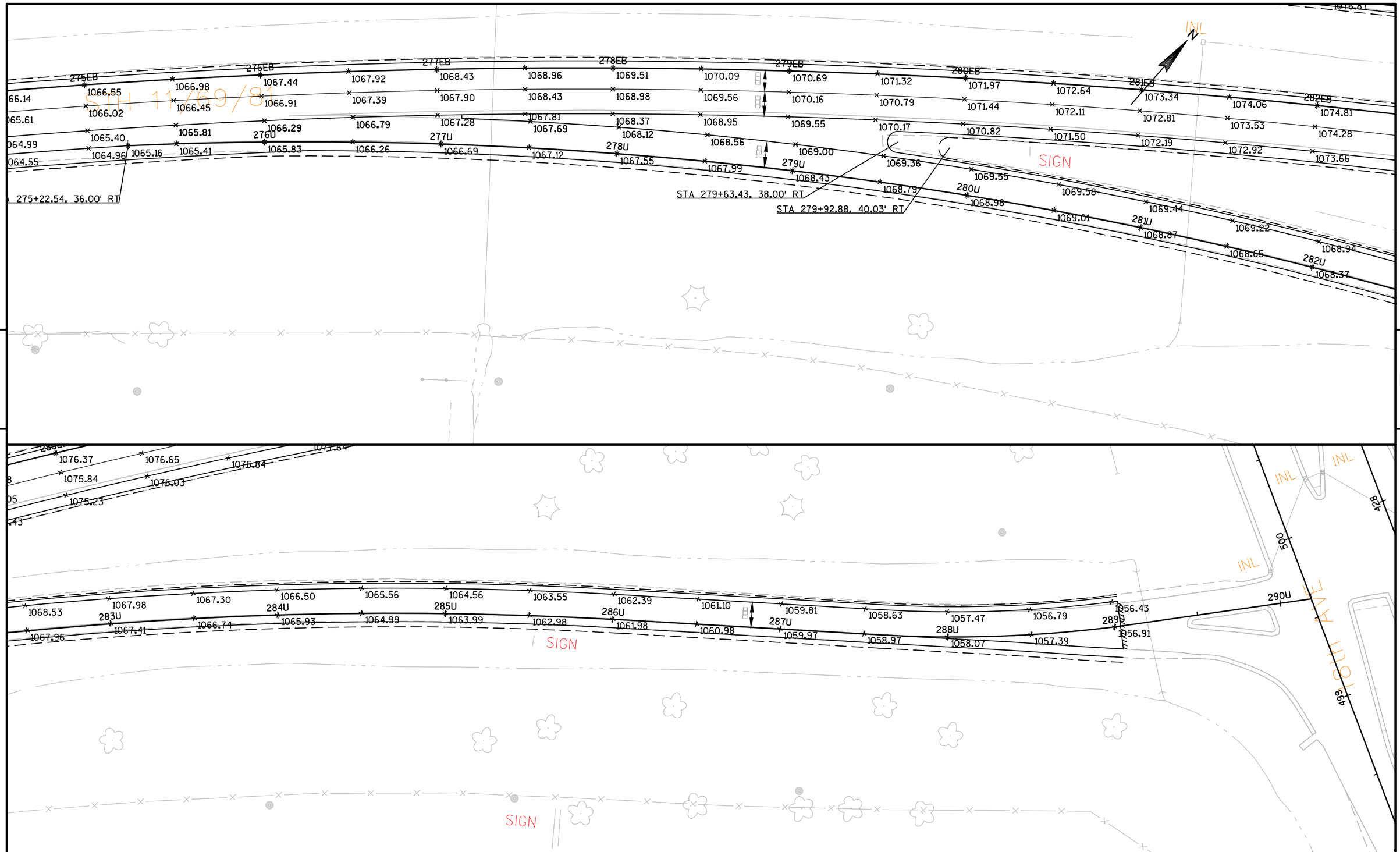
INL

STH 11/69/81

| | | |



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 69 WB OFF-RAMP	SHEET 53	E

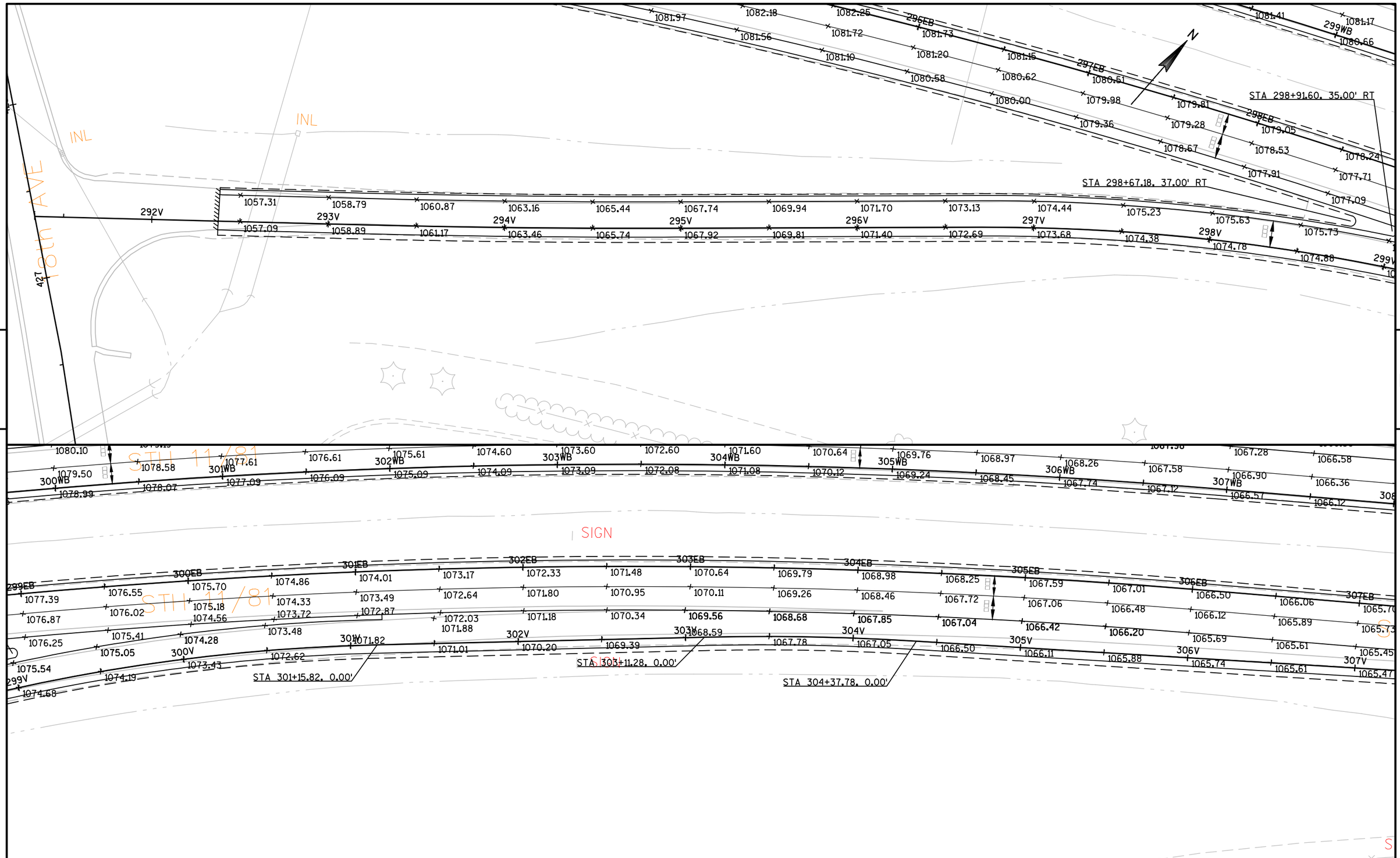


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 69 EB RAMPS	SHEET 54	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET30-STH69EBOFF

PLOT DATE : 3/27/2018 3:39 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

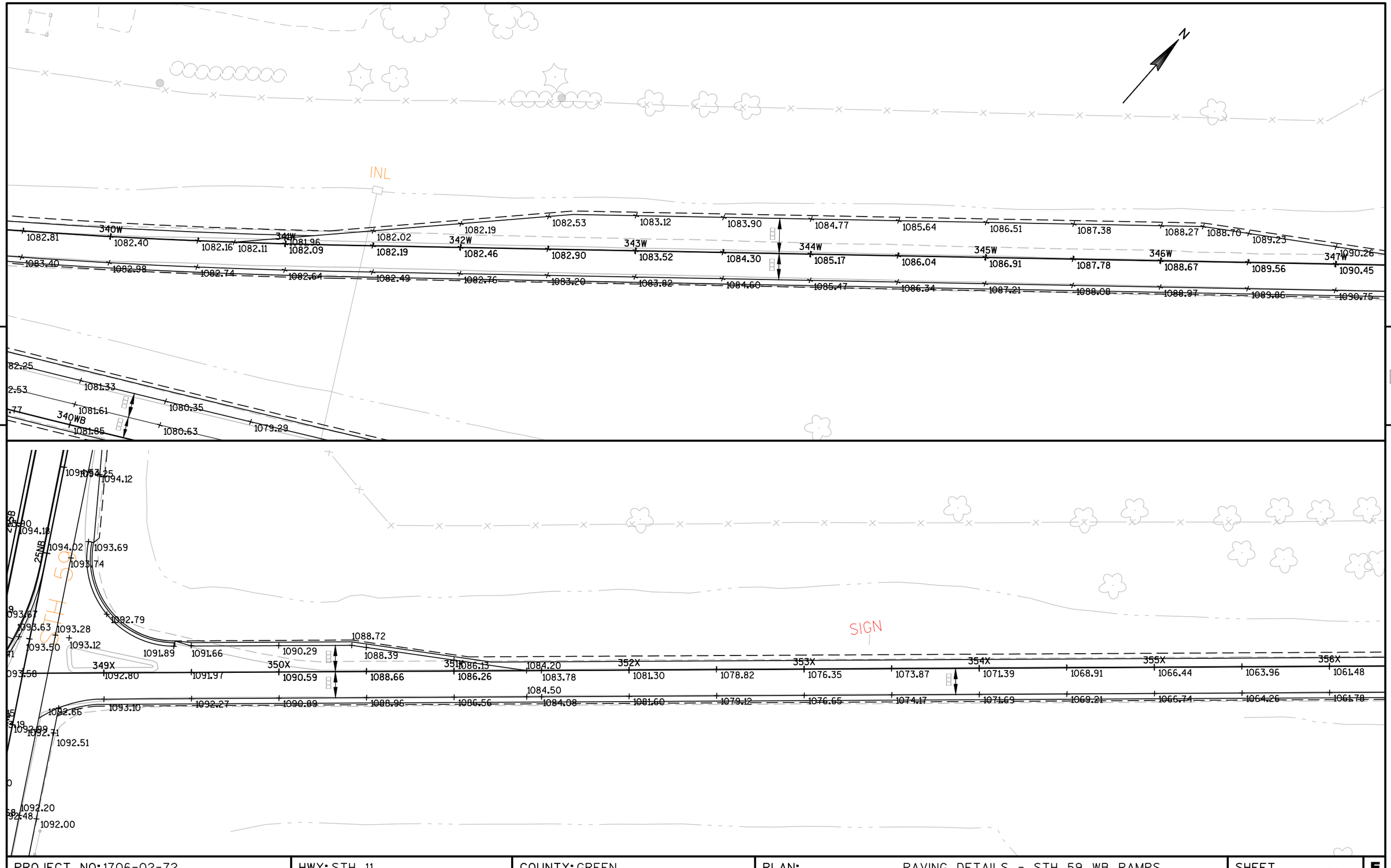


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 69 EB RAMPS	SHEET 55	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET31-STH69EBON

PLOT DATE : 3/27/2018 3:39 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

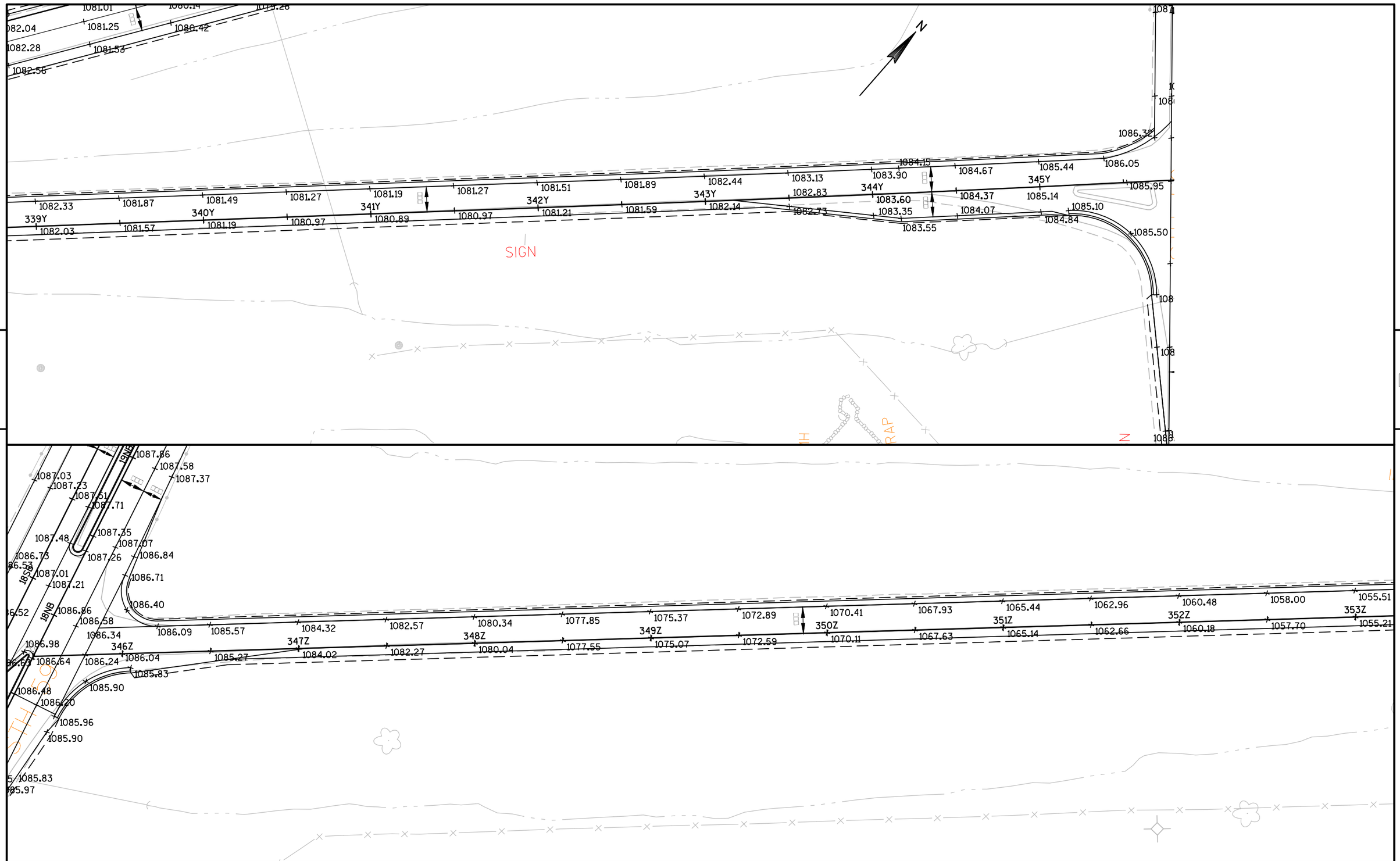


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 59 WB RAMPS	SHEET 56	E

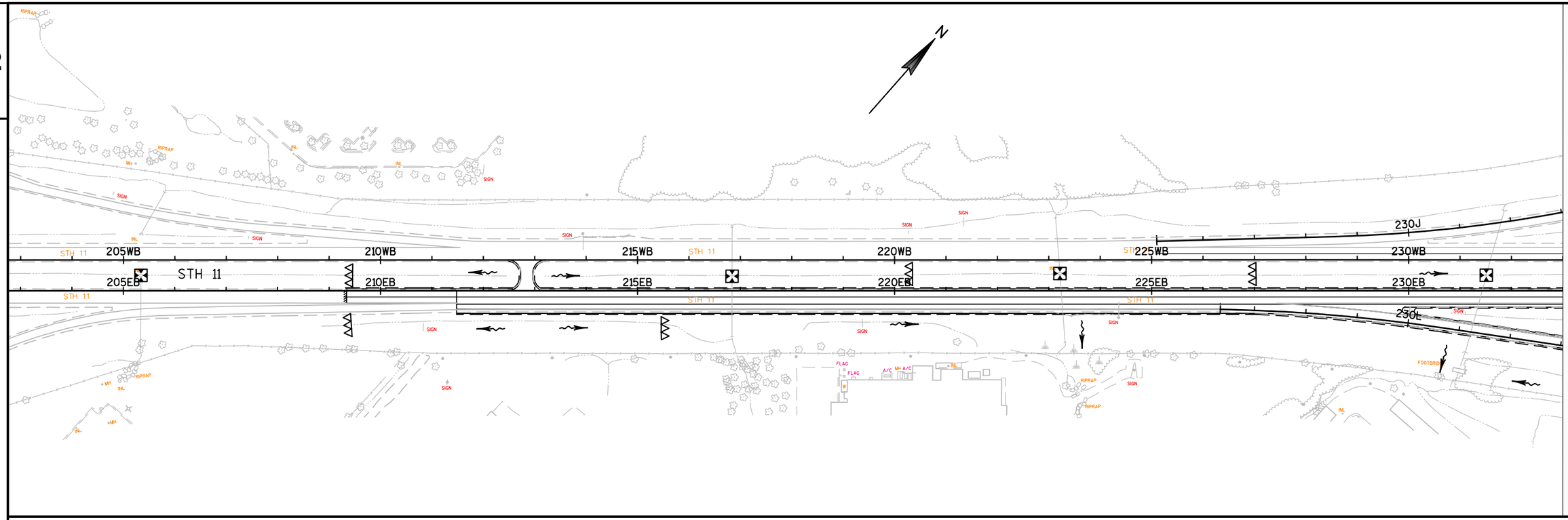
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11PAVEMENTGRADES.DWG
LAYOUT NAME - STH11PAVEMENTGRADES - SHEET34-STH59WBON

PLOT DATE : 3/27/2018 3:39 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

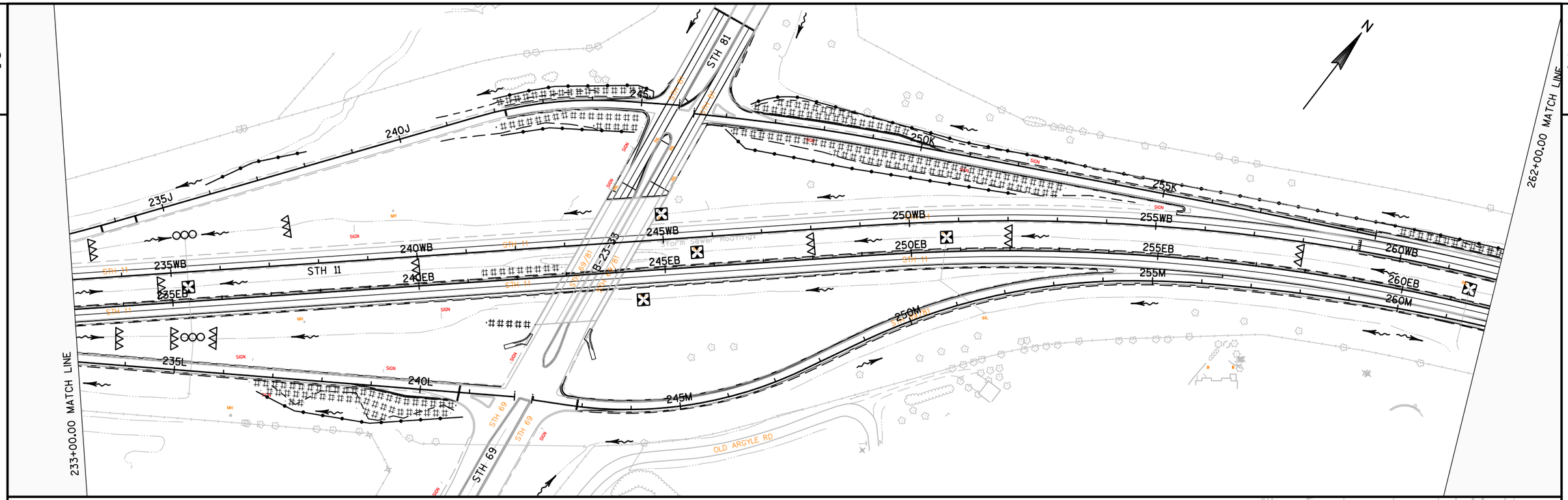


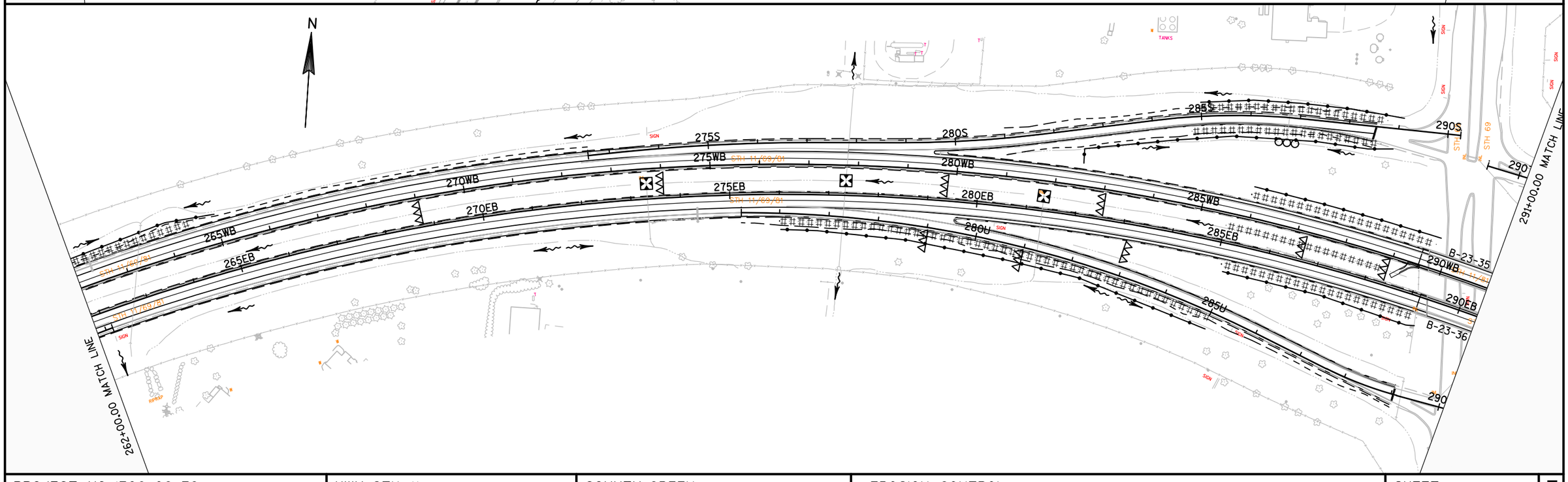
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN: PAVING DETAILS - STH 59 EB RAMPS	SHEET 57	E

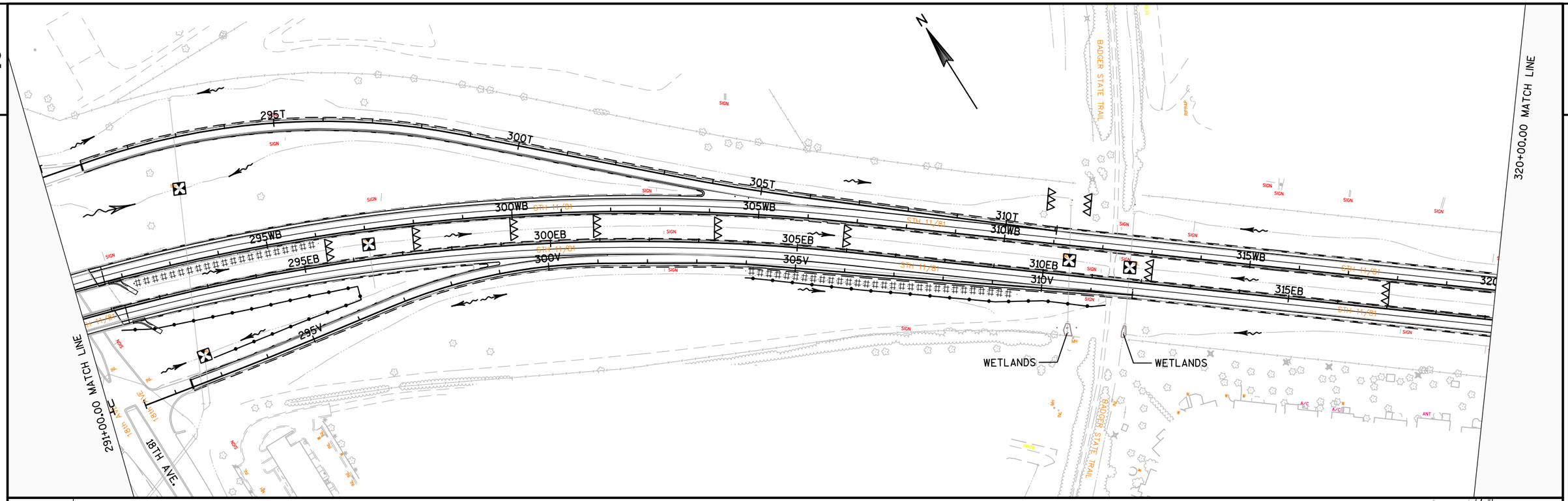


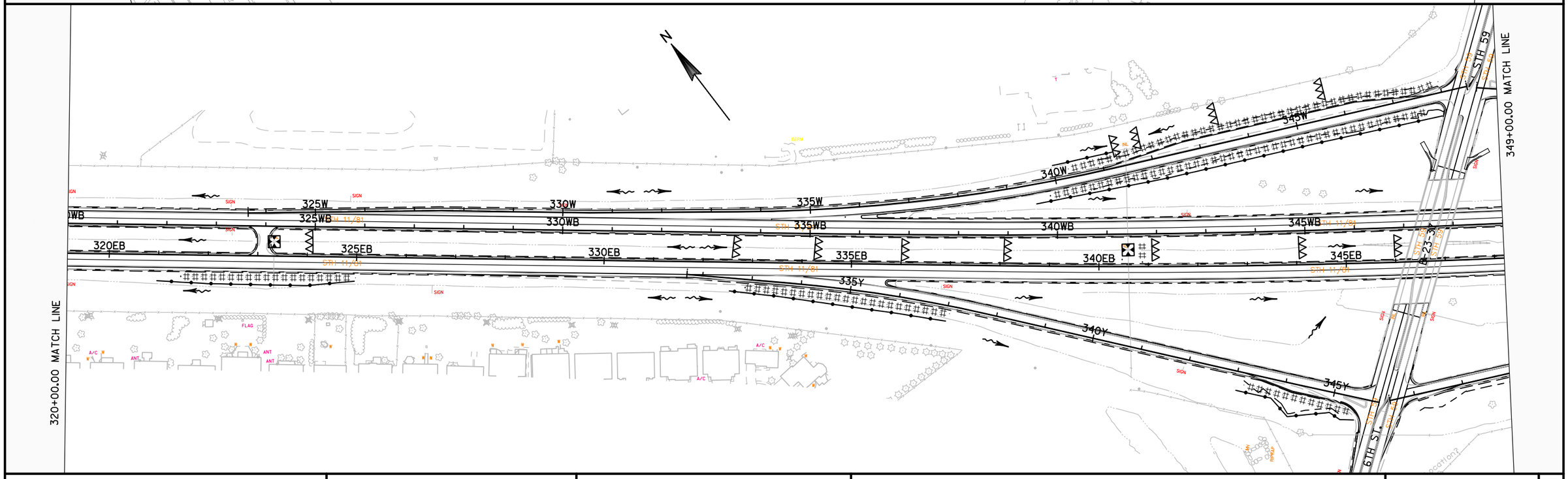
LEGEND

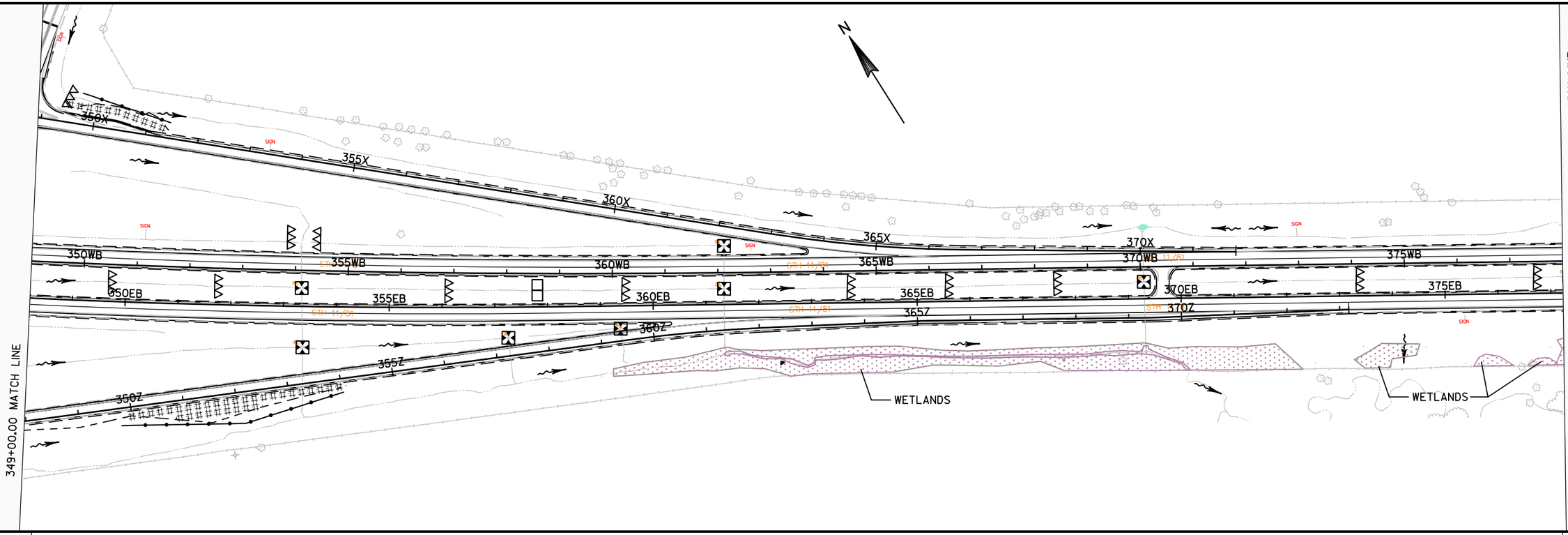
######	EROSION MAT CLASS I, TYPE A OR B
	SILT FENCE
	RIP RAP OR STONE DITCH CHECK
	SLOPE INTERCEPT
	INLET PROTECTION, TYPE A
	TEMPORARY DITCH CHECKS
	CULVERT PIPE CHECKS
	EROSION BALES
	SURFACE WATER FLOW
	CONCRETE FLUMES
	DELINEATED WETLANDS


233+00.00 MATCH LINE
262+00.00 MATCH LINE
STH 11
STH 81
STH 69
OLD ARGYLE RD
Storm Sewer Routing
B-23-33
235J
240J
245J
250K
255K
235WB
240WB
245WB
250WB
255WB
260WB
235EB
240EB
245EB
250EB
255EB
260EB
235L
240L
245M
250M
255M
260M
N

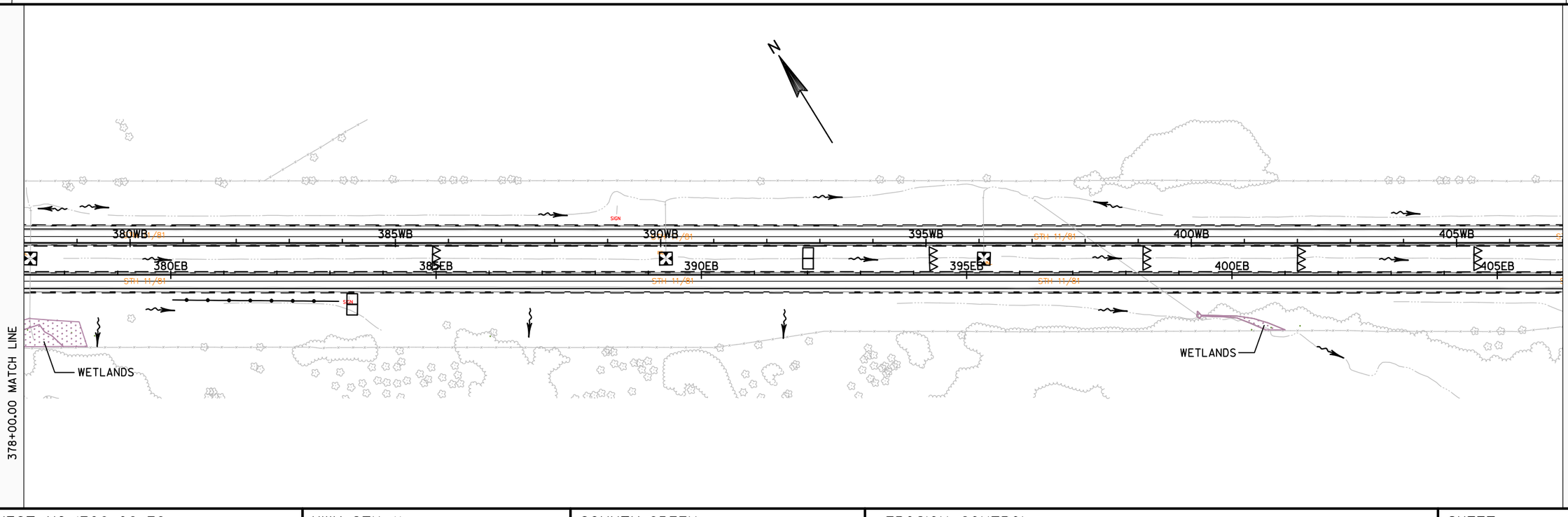

N
262+00.00 MATCH LINE
291+00.00 MATCH LINE
STH 69
TANKS
265S
270WB
270EB
275S
275WB
275EB
280S
280WB
280EB
285S
285WB
285EB
290S
290WB
290EB
265WB
265EB
265U
280U
290
B-23-35
B-23-36



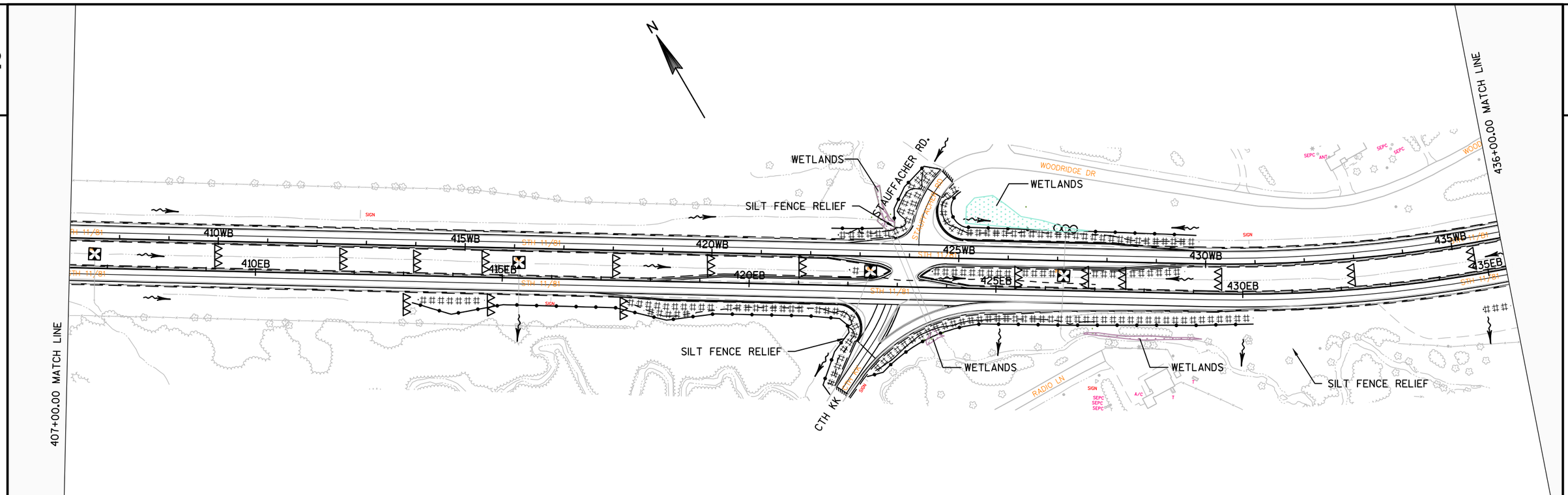

320+00.00 MATCH LINE
320EB
325W
325WB
325EB
330W
330WB
330EB
335W
335WB
335EB
335Y
340W
340WB
340EB
340Y
345W
345WB
345EB
345Y
STH 11/81
STH 59
STH 59
STH 59

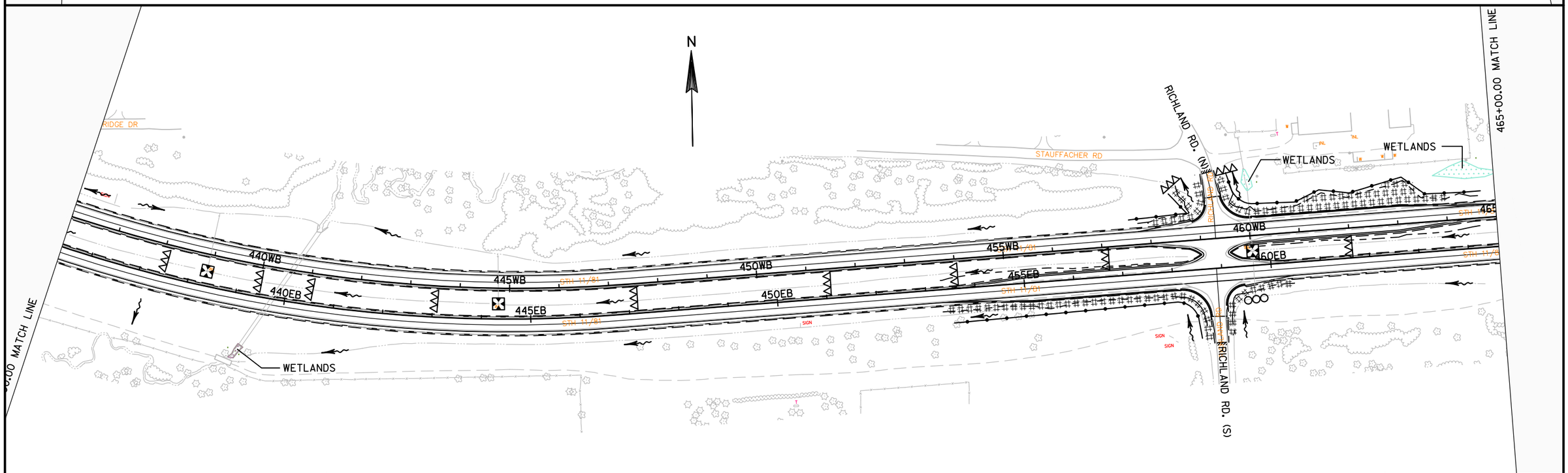


2



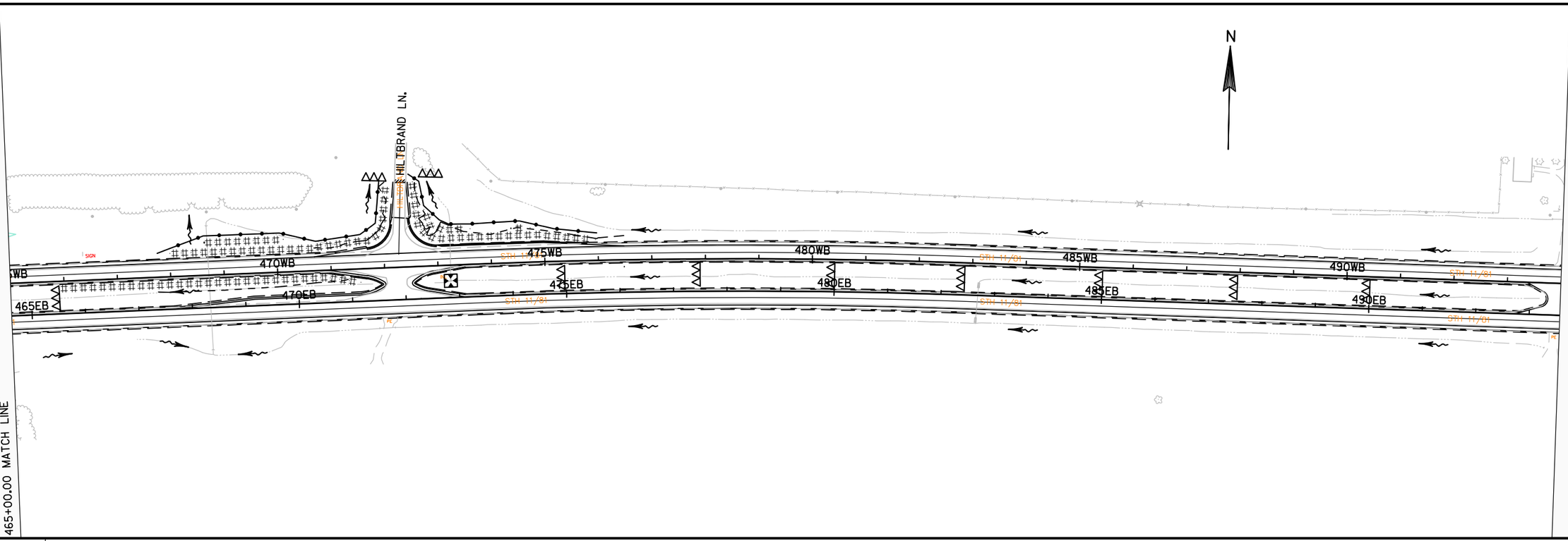
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	EROSION CONTROL	SHEET 61	E

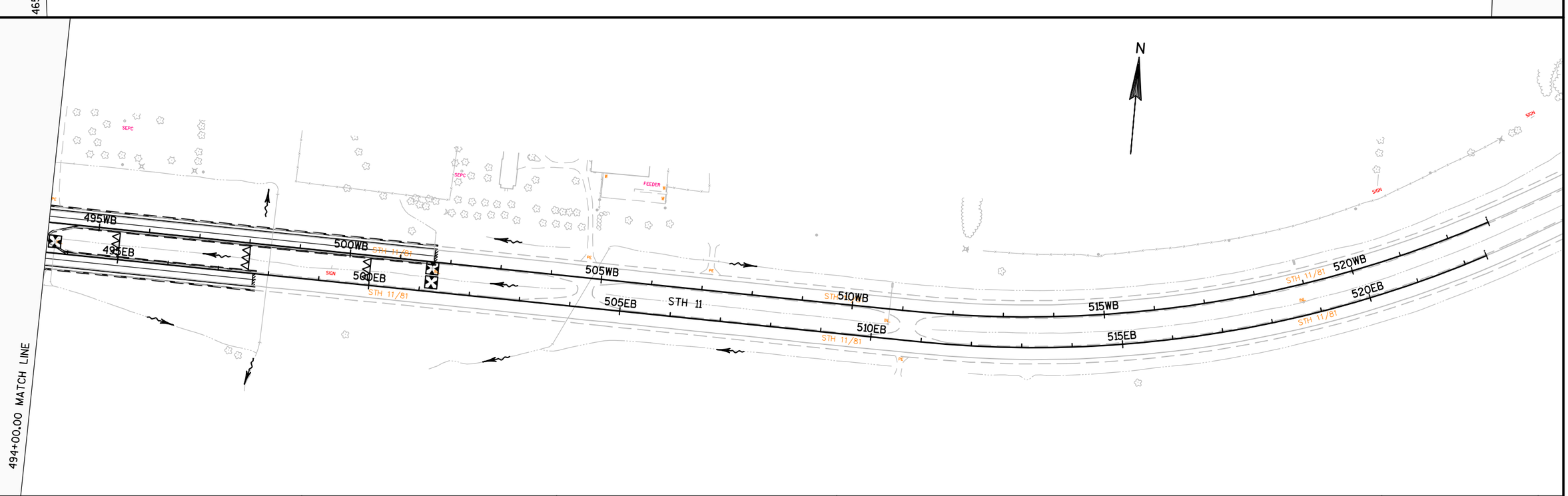




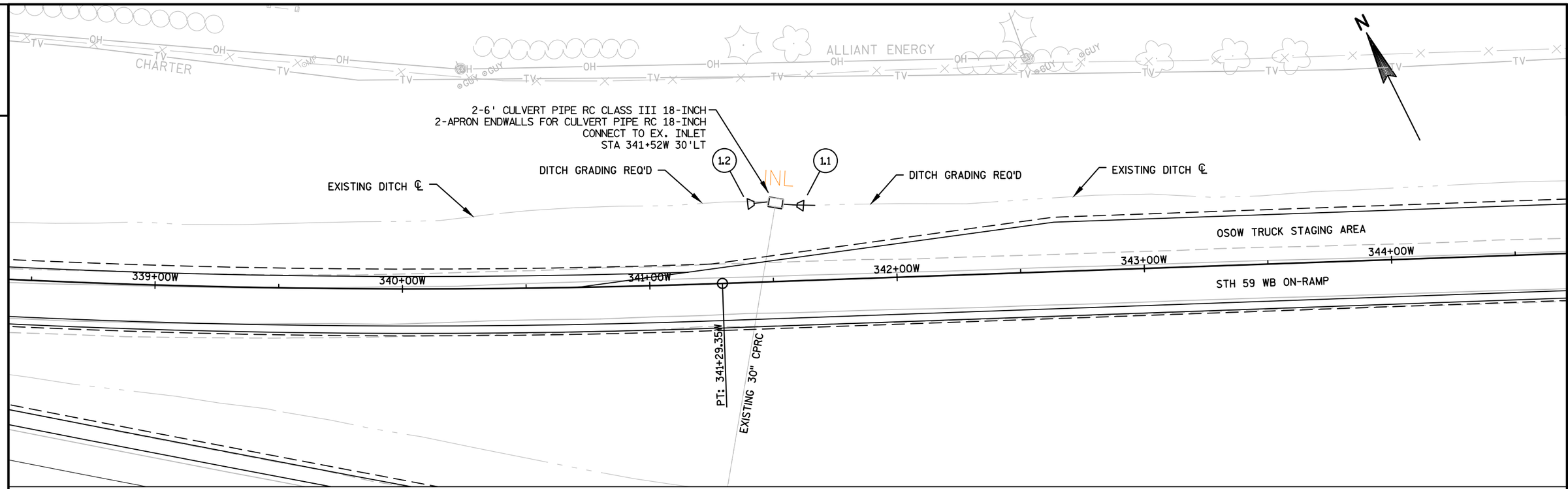
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	EROSION CONTROL	SHEET 62	E

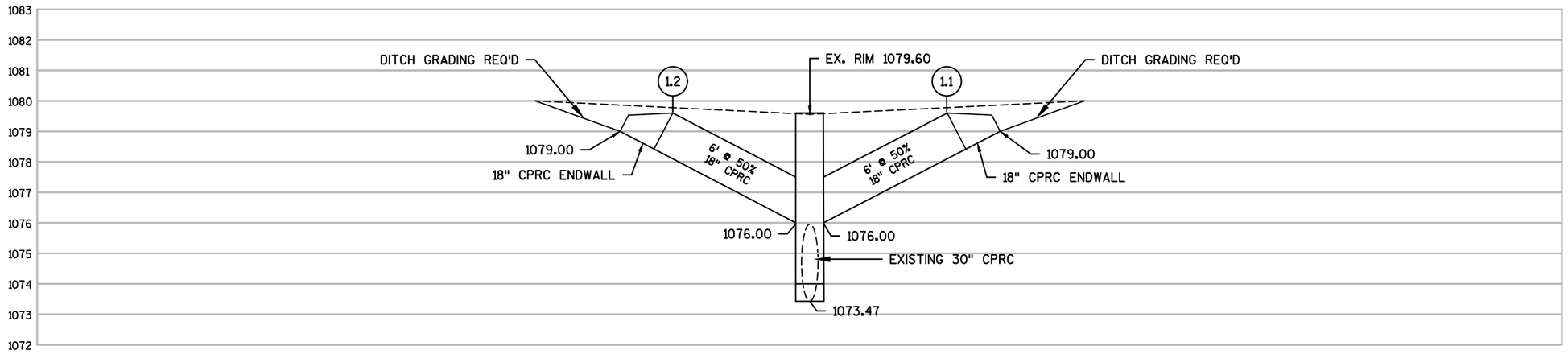
FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\022001_EC.DWG
LAYOUT NAME - 022001_EC - 05
PLOT DATE : 1/16/2018 11:21 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	EROSION CONTROL	SHEET 63	E





PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	STORM SEWER STH 59 WB ON-RAMP	SHEET 64	E

2

EXISTING 18" PIPE

REMOVE & REPLACE INLET
TO MEDIAN DITCHLINE
STA. 501+65 WB 11.5' RT.

PE

STH 11/81

499+00WB 500+00WB 501+00WB 502+00WB 503+00WB 504+00WB 505

CONNECT TO EXISTING 18" PIPE
WITH CONCRETE COLLAR
SEE SDD 8 F 4-7 FOR DETAIL

INL

20'-CPRC CLASS III
18-INCH

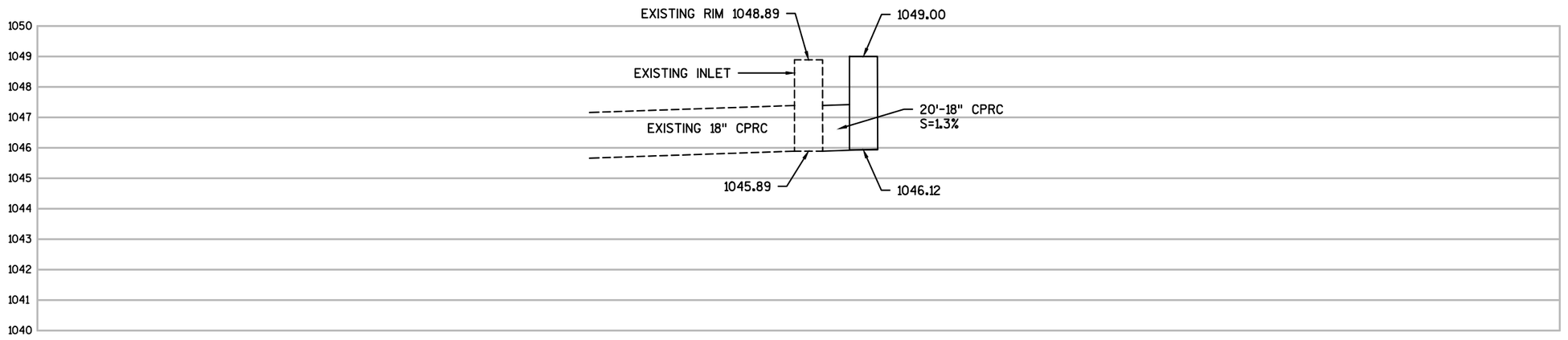
PI: 498+73.52EB

SIGN

499+00EB 500+00EB 501+00EB 502+00EB 503+00EB 504+00EB

STH 11/81

INLET, 1G-MS
STA. 501+65 WB 30' RT.



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	STORM SEWER STH 59 WB ON-RAMP	SHEET 65	E

2

2

N

SIGN

W 7th ST

W 7th ST

INL

164WB

166WB

166EB

168WB

168EB

STH 11

170WB

170EB

172WB

172EB

174WB

174EB

176WB

176EB

STH 11

STH 11

INL

INL

SIGN

W 8th ST

SIGN

SIGN

RO-1

O-1

Monroe

NEXT4 EXITS

E9-1
132"X54"
REMOVE AND
REPLACE SIGN ONLY

COUNTY N

A W

M r

E 1/2 M

REMOVE SIGN ONLY

RO-2

NEW SIGN

N 11

A W

E 1/2 M

E1-1A
240"x150"

O-2

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 66	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (0)

PLOT DATE : 1/16/2018 12:04 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

N

T

SEPC
SEPC
SEPV
A/C

W

SIGN

W 7th ST

INL

178WB
180WB
182WB
184WB
186WB
188WB
190WB
192WB

178EB
180EB
182EB
184EB
186EB
188EB
190EB
192EB

STH 11

INL

SIGN

SIGN

INL

SIGN

W 8th ST

RIPRAP

R1-1
REMOVE

Monroe
POPULATION 10,827
NO ENGINE BRAKING EXCEPT IN EMERGENCY

REMOVE BY OTHERS

R1-2
REMOVE SIGN ONLY

11
N
A W
M

NEW SIGN

N
11
A W

E4-1A
276"x120"

1-2

R1-3
1-3
REMOVE AND REPLACE

EXIT

E5-1
60"X48"

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 67	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (1)

PLOT DATE : 1/16/2018 12:04 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

W 7th ST

CTH N/6th AVE W

CTH N/6th AVE W

INL

MH

RIPRAP

SIGN

REMOVE
AND REPLACE

EXIT

E5-1
60"X48"

R2-5

2-5

REMOVE
AND REPLACE
SIGN ONLY

W19-1
180"X102"

R2-4

2-4

R2-3

1/2 MILE

194WB STH 11 196WB 198WB 200WB 202WB 204WB 205WB 206WB

194EB STH 11 196EB 198EB 200EB 202EB 204EB 205EB 206EB

STH 11

CTH N

REMOVE SIGN
AND SUPPORT

R2-1

REMOVE SIGN ONLY

NEW SIGN

E1-1A
192"x156"

2-1

R2-2

2-2

W4-3R
48"X48"

REMOVE
AND REPLACE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 68	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (2)

PLOT DATE : 1/16/2018 12:04 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

NEW SIGN

COUNTY N

A W

E O

E6-1
192"×78"

E11-1D
192"×42"

3-4

REMOVE

SPEED LIMIT 55

R3-3

REMOVE AND REPLACE

EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

R3-4-B
36"X48"

R3-1

3-1

R3-2

3-2

REMOVE SIGN

COUNTY N

A W

M

E O

R3-4

REMOVE

RIGHT LANE FOR EXIT ONLY

REMOVE

LAST MONROE EXIT

R3-6

R3-7

RIGHT LANE MUST EXIT

R3-33-R
78"X36"

3-8

ESTR

OOD E RI

A

INL

INL

SIGN

SIGN

SIGN

SIGN

SIGN

208WB 210WB 212WB 214WB 215WB 216WB 218WB 220WB 222WB

208EB 210EB 212EB 214EB 215EB 216EB 218EB 220EB 222EB

STH 11

STH 11

222+75.00 MATCH LINE

3-5

RIGHT LANE MUST EXIT

R3-33-R
78"X36"

R3-5

RIGHT LANE EXIT ONLY

REMOVE

FLAG

FLAG

A/C

MH A/C

INL

W

E E RI

LOD A RA IO

ESTR

ESTR

OOD E RI

A

REMOVE

DRIVERS LICENSING

R3-8

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 69	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (3)

PLOT DATE : 1/16/2018 12:04 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

REMOVE AND REPLACE IN NEW LOCATION

W4-3R
48"X48"
R4-5
4-5

224WB 225WB 226WB 228WB 230WB 232WB 234WB 235WB 236WB

224EB 225EB 226EB 228EB 230EB 232EB 234EB 235EB 236EB

226J 228J 230J 232J 234J 235J 236J 238J

237+50.00 MATCH LINE

222+75.00 MATCH LINE

STH 11

INL

SIGN

228L 230L 232L 234L 236L

FOOTBRIDGE

RIPRAP

R4-2
SPEED LIMIT 55
REMOVE

R4-1
REMOVE SIGN

4-1
E6-1
168"x114"
E11-1D
168"x42"
NEW SIGN

R4-3
4-3
EXIT
E5-1
60"X48"
REMOVE AND REPLACE

R4-4
4-4
W3-1
36"X36"
REMOVE AND REPLACE IN NEW LOCATION

R4-6
4-6
WEST SOUTH
81 69
J2-2
48"X57"
REMOVE AND REPLACE

LODI
AIRPORT
ESTR

4-8
D1-2
84"x24"

MH

R4-7
REMOVE

4-7
D1-2
66"x24"

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 70	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (4)

PLOT DATE : 1/16/2018 12:05 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

REMOVE SIGN, REMOVE AND REPLACE I-BEAMS

R5-3

R5-26 R5-34 R5-29 R5-30 R5-35 R5-40 R5-41 R5-42 R5-38 R5-37 R5-39 R5-36 R5-43 R5-33 R5-32 R5-31 R5-27 R5-28 R5-46 R5-47 R5-48 R5-25 R5-23 R5-24 R5-49

R5-6 R5-4 R5-11 R5-12 R5-14 R5-17 R5-18 R5-44 R5-45 R5-7 R5-10 R5-9 R5-1 R5-8 R5-19 R5-20 R5-21 R5-22

REMOVE SIGN ONLY

ESTR

SIGN

REMOVE

MH

INL

STH 11

STH 69

STH 81

238J 240J 242J 244J 245J 246K 248K 250K 252K

238WB 240WB 242WB 244WB 245WB 246WB 248WB 250WB 252WB

238EB 240EB 242EB 244EB 245EB 246EB 248EB 250EB 252EB

237+50.00 MATCH LINE

252+25.00 MATCH LINE

238L 240L 242M 244M 246M 248M 250M 252M

165BW 165BE 175BW 175BE

OLD ARGYLE RD

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	EXISTING SIGNING	SHEET 71	E

2

2

5-3 E1-1A 240"x120"

5-24 D1-71 90"x72"

5-35 R3-2 36"X36"

5-40 J3-1 24"X57"

5-41 R1-1 36"X36"

5-42 R6-3 30"X24"

5-54 J2-2 48"x57"

5-53 D1-3 66"x36"

5-46

5-47

WRONG WAY R5-1A 42"X30"

R6-2-L 24"X30"

5-66

5-15

5-29 R5-1 36"X36"

5-31 D1-70 66"x30"

5-48 R4-7 36"X48"

5-25 J2-3 72"X57"

5-23 R5-1A 42"X30"

5-26 J3-1 24"X57"

5-36 R3-1 36"X36"

5-33 R5-1 36"X36"

5-27

5-28

W12-2 48"X48"

5-63 D1-70 84"x24"

ESTR

MH

SIGN

INL

242J 240J 238J 244J 245J 246K 248K 250K

STH 11

STH 81

STH 69

175BW 175BE

238WB 240WB 242WB 244WB 245WB 246WB 248WB 250WB 252WB

238EB 240EB 242EB 244EB 245EB 246EB 248EB 250EB 252EB

252+25.00 MATCH LINE

237+50.00 MATCH LINE

5-6 E1-1A 168"X126"

5-7 R6-2-L 24"X30"

5-22 J3-1 24"X57"

5-14

5-16

5-17 R3-1 36"X36"

5-12 R5-1A 42"X30"

5-51 E10-62 144"X54"

HOSPITAL NEXT RIGHT

5-49 W4-3R 48"X48"

5-5 J2-1 24"X57"

5-18 D1-70 90"x42"

238L 240L 242M 244M 246M 248M 250M 252M

5-1

5-2

WRONG WAY R5-1A 42"X30"

5-10 R1-1 36"X36"

5-9 R1-1 36"X36"

5-11 R6-3 30"X24"

5-8 J3-1 24"X57"

5-4 R6-2-L 24"X30"

5-62 R5-1 36"X36"

5-20 D1-71 90"x72"

5-21 R3-2 36"X36" SLEEVE

5-19 R4-7 36"X48"

OLD ARGYLE RD

165BW 165BE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 72	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (5B)

PLOT DATE : 1/16/2018 12:05 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

240L

242EB

242WB

STH 11

STH 11

ESTR

SPEED LIMIT 35

SIGN

SIGN

SIGN

SIGN

STH 69

STH 69

STH 69/81

STH 69/81

165BW

165BE

242M

170BW

170BE

241WB

242EB

5-64

WRONG WAY

R5-1A
36"X24"

5-56

81

D1-70
54"x54"

5-55

D1-72
120"x66"

R5-56

REMOVE

R5-55

EAST 11 NORTH 69 EAST 81

REMOVE

CLARKEN

INL

244M

244EB

PROJECT NO:1706-02-72	HWY: STH 11	PERMANENT SIGNING	SHEET 73	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (5C)

PLOT DATE : 1/16/2018 12:05 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

N

R5-61
EAST SOUTH WEST
11 69 11
REMOVE

5-61
E 11 E 69 E 81 | W 11
K L | K R
D1-72
126"x66"

5-60
69
M
AHEAD
D1-70
60"x54"

R5-60
M
D

R5-65
5-65
WRONG WAY
R5-1A
36"X24"
REMOVE AND REPLACE

SIGN

244J

245J

244WB

244EB

245WB

245EB

246WB

246EB

246K

175BW

175BE

STH 81

INL

Storm Sewer Routing?

PROJECT NO:1706-02-72	HWY: STH 11	PERMANENT SIGNING	SHEET 74	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (5D)

PLOT DATE : 1/16/2018 12:05 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

REMOVE
R6-1

REMOVE
SOUTH WEST
69 81
R6-2

REMOVE AND REPLACE IN NEW LOCATION
W3-1
36"X36"
R6-4
6-4

REMOVE
SPEED LIMIT 55
R6-7

REMOVE SIGN ONLY
81 69
R6-6

NEW SIGN
69 81
E6-1
168"x138"
E11-1D
168"x42"
6-6

SIGN
SIGN
SIGN

254K 255K 256K 258K

254WB 255WB 256WB 258WB 260WB 262WB 264WB 265WB 266WB

254EB 255EB 256EB 258EB 260EB 262EB 264EB 265EB 266EB

254M 256M 258M 260M 262M

INL

STH 11/69/81

STH 11/69/81

267+00.00 MATCH LINE

252+25.00 MATCH LINE

6-3
EXIT
E5-1
60"X48"

6-5
E9-1
120"X54"

R6-5
RIPRAP
REMOVE SIGN,
REMOVE AND REPLACE
I-BEAMS

R6-8
RIGHT LANE FOR EXIT ONLY
REMOVE

6-8
RIGHT LANE MUST EXIT
R3-33-R
78"X36"

6-9
EAST NORTH EAST
11 69 81
J4-3
108"X54"

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 75	E

2

2

N

RIGHT LANE MUST EXIT
R3-33-R
78"X36"
7-4

ESTR
OOD E RI

REMOVE
RIGHT LANE FOR EXIT ONLY
R7-4

WEST SOUTH WEST
11 69 81
J4-3
108"X54"
7-1

WEST WEST
11 81
J4-2
72"X54"
R7-1

W12-2
48"X48"
16'-2"
W57-52
48"X36"
1/2 MILES AHEAD
R7-2
7-2
R7-3
7-3

SIGN

274S 275S 276S 278S 280S 282S

272WB 274WB 275WB 276WB 278WB 280WB 282WB

270WB 268WB

INL

STH 11/69/81

272EB 274EB 275EB 276EB 278EB 280EB 282EB

270EB 268EB

276U 278U 280U

SIGN

281+75.00 MATCH LINE

267+00.00 MATCH LINE

R7-6
H
REMOVE

R7-7
7-7
W3-1
36"X36"
REMOVE AND REPLACE IN NEW LOCATION

R7-8
7-8
EXIT
E5-1
60"X48"
REMOVE AND REPLACE

7-5
69 OR
E6-1
168"x84"
E11-1D
168"x42"
NEW SIGN

R7-5
69 OR
REMOVE SIGN ONLY

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 76	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (7)

PLOT DATE : 1/16/2018 12:06 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

R8-1 REMOVE — ROUGH ROAD — NEXT 3/4 MILE

W TANKS

R8-9 REMOVE — WEST SOUTH WEST 11 69 81

R8-7 REMOVE — WEST SOUTH WEST 11 69 81

R8-8 REMOVE

SIGN

R8-12 REMOVE — ONE WAY

R8-10 REMOVE

R8-13 REMOVE — BUSINES 11

2885

2865

2855

2845

R8-15 REMOVE — WEST SOUTH WEST 11 69 81

R8-14 REMOVE — EAST EAST 11 81

R8-30 REMOVE

R8-2 REMOVE

284WB 285WB 286WB 288WB

O8-XX

WRONG WAY REMOVE

288EB 286EB 285EB 284EB 282EB

R8-6 REMOVE SIGN ONLY — 59 MILE

R8-18 REMOVE

R8-29 REMOVE

R8-19

282U 284U 285U 286U 288U

281+75.00 MATCH LINE

SIGN

R8-3 REMOVE — NORTH 69

R8-4 REMOVE

R8-5 REMOVE — WRONG WAY

R8-24 R8-25 R8-26 R8-27 — STOP DIVIDED HIGHWAY REMOVE

R8-21 STOP REMOVE

R8-22 R8-23 REMOVE

R8-42 REMOVE — EAST EAST 11 81

R8-43 REMOVE

R8-37 REMOVE

R8-11 REMOVE — WRONG WAY

R8-16 REMOVE — BUSINES 11

R8-35 REMOVE — NORTH 69

R8-17 REMOVE

R8-31 R8-32 — STOP DIVIDED HIGHWAY REMOVE

R8-33 R8-34 REMOVE — STOP

R8-53 REMOVE

WRONG WAY REMOVE

R8-51 R8-52

2905 2895 2885 2875 2865 2855 2845

290T 292T 294T 295T 296T

R8-36 REMOVE

R8-41 REMOVE

R8-20 REMOVE

R8-47 REMOVE SIGN ONLY — WEST OUT 81 69 — 1/2 MILE

ESTR

290WB STH 11/81 292WB 294WB 295WB 296WB

290EB 292EB 294EB 295EB 296EB

R8-39 REMOVE — WRONG WAY

R8-40 REMOVE — SPEED LIMIT 45

R8-44 REMOVE — WEST SOUTH WEST 11 69 81

R8-50 REMOVE

R8-45 REMOVE — ONE WAY

R8-46 REMOVE — NORTH 69

R-38 REMOVE

R8-48 — EAST EAST 11 81 REMOVE

R8-49 REMOVE — NORTH EAST EAST 69 11 81

296+50.00 MATCH LINE

290S 290T 290U 290V

294V 295V 296V

INL

N

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	EXISTING SIGNING	SHEET 77	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (8A)

PLOT DATE : 1/16/2018 12:06 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

8-7 D1-72 132"X66"
8-8 JH-1 24"X45"
8-9 D1-71 96"X84"
8-10
8-11 WRONG WAY R5-1A 42"X30"
8-12 ONE WAY R6-2-L 24"X30"
8-13 J3-1 24"X57"
8-14 J2-2 48"X57"
8-15 D1-70 90"X42"
8-16 ONE WAY R6-2-L 24"X30"
8-17 R3-2 24"X24"
8-18
8-20 R4-7 24"X30"
8-21 R1-1 36"X36"
8-22 JH-1 24"X45"
8-24
8-25
8-26
8-27 R1-1 36"X36"
8-28 R5-1 36"X36"
8-29 R3-1 24"X24"
8-30 D1-70 60"X54"
8-31
8-32 R1-1 36"X36"
8-33 R1-1 36"X36"
8-34 D1-1 66"X15"
8-35 J3-1 24"X57"
8-36 R5-1 36"X36"
8-38 R4-7 24"X30"
8-41
8-42 D1-70 72"X42"
8-43 R3-2 24"X24"
8-44 J2-3 72"X57"
8-45
8-46 J3-1 24"X57"
8-47 E1-1A 192"X186"
8-48 D1-71 90"X84"
8-49 D1-72 132"X66"
8-50 W4-1R 48"X48"
8-51
8-52
8-53 D1-2 60"X30"
8-54 J2-2 48"X57"
8-55 D1-70 60"X54"
8-56
8-1 D1-1 66"X15"
8-2 W4-3R 48"X48"
8-3 J2-1 24"X57"
8-4 D1-2 60"X30"
8-5
8-6 E1-1A 168"X126"
8-19 J4-1 24"X36"

STH 11/81
281+75.00 MATCH LINE
296+50.00 MATCH LINE
ESTR

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 78	E

2

2

ESTR

R9-4
REMOVE

REMOVE AND REPLACE IN NEW LOCATION
R9-1
9-1
W3-1
36"X36"

R9-5
9-5
REMOVE AND REPLACE
EXIT
E5-1
60"X48"

SIGN

9-21
E4-1A
216"X120"

R9-15
REMOVE

BADGER STATE TRAIL

298T 300T 302T 304T 305T 306T 308T 310T

298WB 300WB 302WB 304WB 305WB 306WB 308WB 310WB 312W

STH 11/81

298EB 300EB 302EB 304EB 305EB 306EB 308EB 310EB

298V 300V 302V 304V 305V 306V 308V 310V

311+25.00 MATCH LINE

296+50.00 MATCH LINE

ROUGH ROAD
NEXT 1 1/2 MILES
REMOVE
R9-2
R9-3

RECREATIONAL TRAIL XING
AHEAD
REMOVE

R9-6
R9-7
R9-8
R9-9
9-6
9-7
9-8
9-9
W11-15
48"X48"
AHEAD
W16-9P
48"X24"

R9-10
9-10
R9-11
9-11
W12-2
48"X48"
15'-7"
1/2 MILES AHEAD
W57-52
48"X36"
REMOVE AND REPLACE IN NEW LOCATION
R9-12
9-12
R9-13
9-13

SPEED LIMIT 55
REMOVE
R9-14

9-20
E9-1
120"X54"

W11-15
48"X48"
W16-7R
30"X18"
9-16
9-17
REMOVE
R9-16
R9-17

RECREATIONAL TRAIL XING
REMOVE
R9-18
R9-19

W11-15
48"X48"
W16-7L
30"X18"
9-18
9-19

MH
INL
BERM
HWY

BADGER STATE TRAIL

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 79	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (9)

PLOT DATE : 1/16/2018 12:06 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

ESTR

NEW SIGN
10-20
E9-1
120"X54"

REMOVE AND REPLACE IN NEW LOCATION
SPEED LIMIT 55
R2-1
36"X48"
R10-8
10-8

REMOVE
REMOVE AND REPLACE
R3-4-B
36"X48"

REMOVE SIGN AND REMOVE AND REPLACE I-BEAMS
R10-20

10-1
10-2
W11-15
48"X48"
W16-7L
30"X18"
R10-1
R10-2
REMOVE

REMOVE SIGN AND SUPPORTS
R10-5

10-XX
W11-15
48"X48"
AHEAD
W16-9P
48"X24"
10-10
10-11
10-12
10-13

REMOVE
R10-14
R10-15
R10-16
R10-17

R10-18
10-18
R10-19
10-19

SIGN

STH 11/81

312EB 314EB 315EB 316EB 318EB 320EB 322EB 324EB 325EB 326EB
312WB 314WB 315WB 316WB 318WB 320WB 322WB 324WB 325WB 326WB
324W 325W 326W

326+00.00 MATCH LINE

311+25.00 MATCH LINE

INL

FLAG
ANT
A/C
W

10-3
10-4
W11-15
48"X48"
W16-7R
30"X18"
R10-3
R10-4
REMOVE

10-6
SPEED LIMIT 55
R2-1
36"X48"

R10-7
10-7
EAST EAST
11 81
J4-2
72"X54"
REMOVE AND REPLACE IN NEW LOCATION

R10-9
10-9
REMOVE AND REPLACE SIGN ONLY
E9-1
180"X54"

BADGER STATE TRAIL

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 80	E

2

2

REMOVE AND REPLACE IN NEW LOCATION

WEST WEST 11 81

J4-2
72"X54"

R11-3
11-3

ROUGH ROAD

REMOVE

NEXT 1/2 MILE

R11-6
R11-7

REMOVE

R11-8

REMOVE

BERM

INL

340+75.00 MATCH LINE

326+00.00 MATCH LINE

328WB 330WB 332WB 334WB 335WB 336WB 338WB 340WB

328EB 330EB 332EB 334EB 335EB 336EB 338EB 340EB

STH 11/81

328W 330W 332W 334W 335W 336W 338W 340W

332Y 334Y 335Y 336Y 338Y 340Y

SIGN

R11-1
11-1

59
A

E6-1
180"X96"

REMOVE AND REPLACE

GREEN COUNTY JUSTICE CENTER
SHERRIFS DEPT.
HIGHWAY DEPT.

REMOVE

R11-2

R11-4
11-4

EXIT

E5-1
60"X48"

REMOVE AND REPLACE

R11-5
11-5

W3-1
36"X36"

REMOVE AND REPLACE

R11-9
11-9

EAST
59

J2-1
24"X57"

REMOVE AND REPLACE

A/C

W

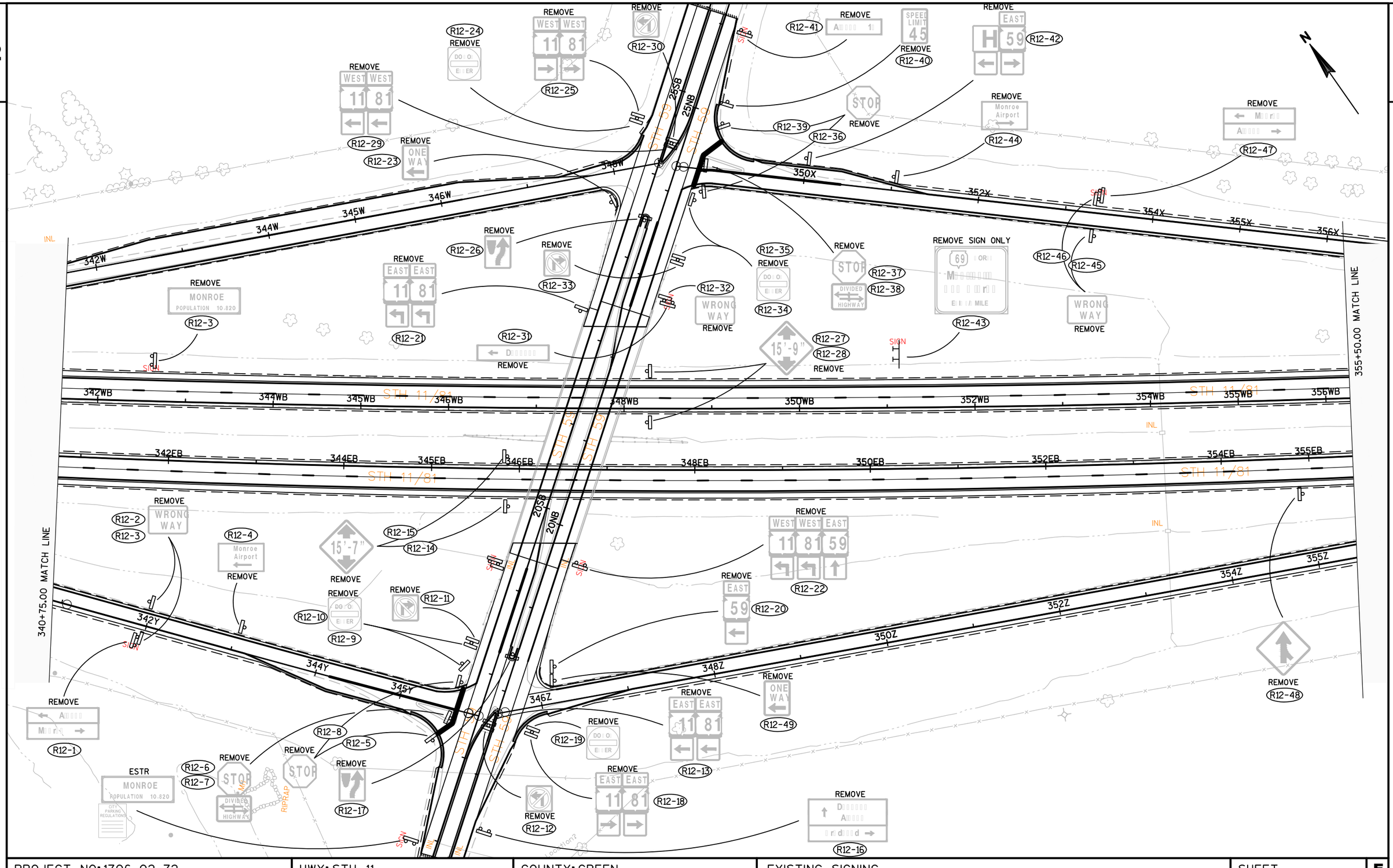
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 81	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (11)

PLOT DATE : 1/16/2018 12:07 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

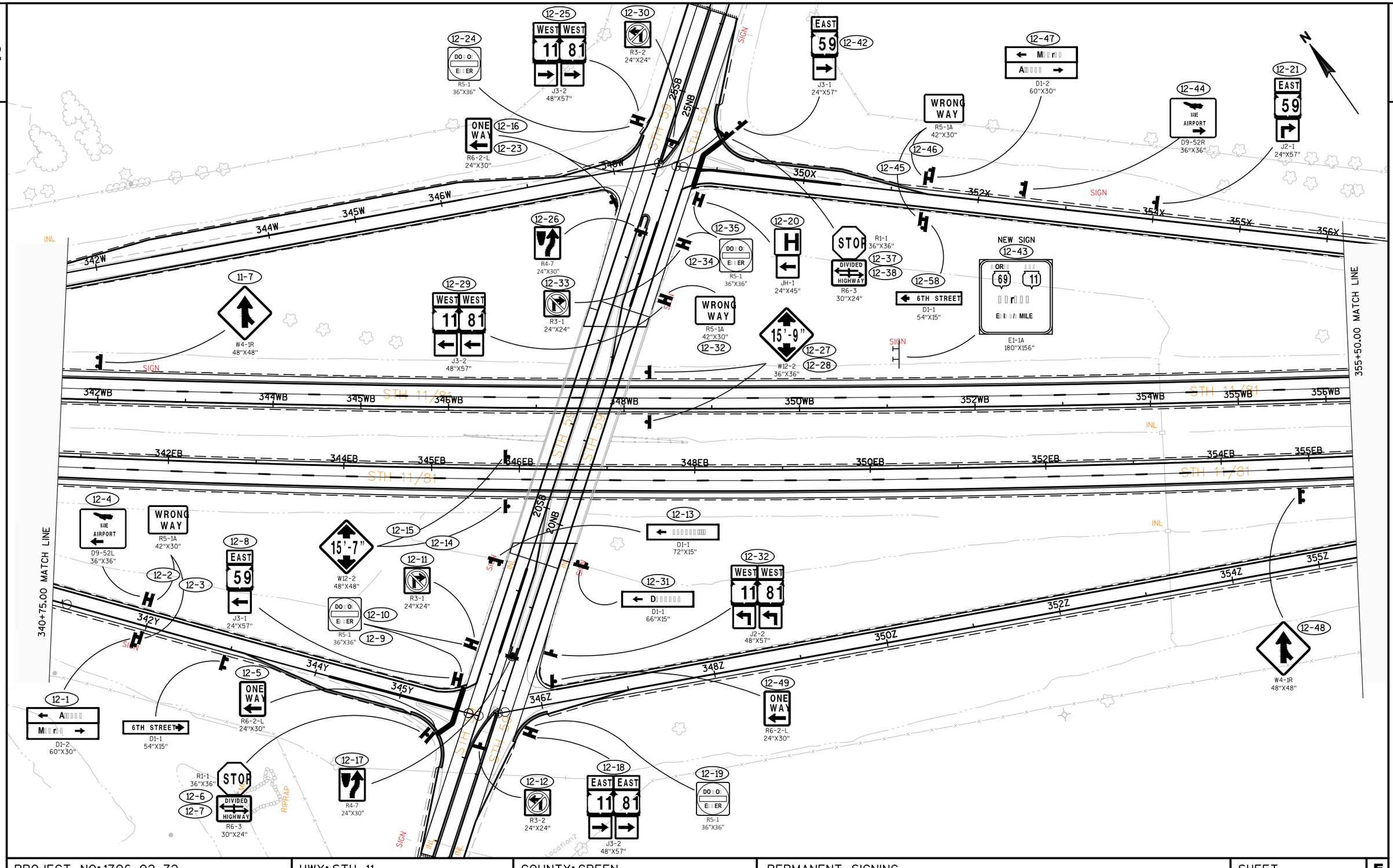
WISDOT/CADDS SHEET 44

2



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	EXISTING SIGNING	SHEET 82	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (12A)
PLOT DATE : 1/16/2018 12:07 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 83	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (12B)

PLOT DATE : 1/16/2018 12:07 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

MH

RIPRAP

INL

6th ST

10SB

10NB

INL

RIPRAP

SIGN

15SB

INL

6th ST

INL

15NB

INL

A/C

SEPC

SEPC SEPC

SIGN

SIGN

SIGN

R12-50

12-50

EAST EAST EAST

59 11 81

J2-3

72"X57"

REMOVE

AND REPLACE

6?th ST

R12-51

12-51

SPEED LIMIT 45

R2-1

24"X30"

REMOVE

AND REPLACE

R12-52

REMOVE

12-52

D1-3

72"X36"

T

SEPC

EW Location?

R12-53

12-53

WRONG WAY

R5-1A

42"X30"

REMOVE AND

REPLACE IN

NEW LOCATION

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING - STH 59	SHEET 84	E

2

2

R12-54
12-54
WRONG WAY
R5-1A
42"X30"
REMOVE AND REPLACE

R12-55
REMOVE

12-55
D1-3
72"X36"

R12-56
12-56
SPEED LIMIT 45
R2-1
24"X30"
REMOVE AND REPLACE

R12-57
12-57
WEST WEST
H 11 81
JH-1
72"X57"
REMOVE AND REPLACE

N

SIGN

SIGN

SIGN

STH 59

30SB

30NB

STH 59

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING - STH 59	SHEET 85	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (12D)

PLOT DATE : 1/16/2018 12:07 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

R13-1
REMOVE
EAST
59

R13-4
13-4
REMOVE
AND REPLACE
W3-1
36"X36"

R13-5
13-5
REMOVE
AND REPLACE
EXIT
E5-1
60"X48"

358X 360X 362X 364X 365X 366X 368X 370X

358WB 360WB 362WB 364WB 365WB 366WB 368WB 370WB

356EB 358EB 360EB 362EB 364EB 365EB 366EB 368EB 370EB

356Z 358Z 360Z 362Z 364Z 365Z 366Z 368Z 370Z

INL

STH 11/81

355+50.00 MATCH LINE

370+25.00 MATCH LINE

R13-6
13-6
R13-7
13-7
R3-4-B
36"X48"
REMOVE
AND REPLACE

ROUGH
ROAD
NEXT
3/4 MILE
REMOVE
R13-2
R13-3
REMOVE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 86	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (13)
PLOT DATE : 1/16/2018 12:08 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

R14-3
14-3
REMOVE AND REPLACE
SIGN ONLY

59
A

E6-1
180"X96"

R14-1
REMOVE

R14-2
REMOVE

GREEN COUNTY
JUSTICE CENTER
SHERRIFS DEPT.
HIGHWAY DEPT.

ROUGH
ROAD

REMOVE

NEXT
1/4 MILE

R14-5
REMOVE

R14-6
REMOVE

R14-9

R

SIGN

372WB 374WB 375WB 376WB 378WB 380WB 382WB 384WB 385WB

385+00.00 MATCH LINE

INL

372EB 374EB 375EB 376EB 378EB 380EB 382EB 384EB

STH 11/81

372Z

370+25.00 MATCH LINE

SIGN

SIGN

R14-4
14-4

EAST EAST
11 81

J4-2
72"X54"
REMOVE
AND REPLACE
IN NEW LOCATION

R14-7
14-7

SPEED
LIMIT
55

R2-1
36"X48"
REMOVE
AND REPLACE

R14-8

REMOVE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 87	E

2

N

REMOVE AND REPLACE
SIGN ONLY

E9-1
180"X54"

M r A r r
R

R15-1
15-1

15-2
15-3

W12-2
48"X48"

16'-2"

W57-52
48"X36"

1/2 MILE
AHEAD

15-4
15-5

SIGN

386WB 388WB 390WB 392WB 394WB 395WB 396WB 398WB 400WB

STH 11/81

INL

386EB 388EB 390EB 392EB 394EB 395EB 396EB 398EB

STH 11/81

399+75.00 MATCH LINE

385+00.00 MATCH LINE

15-6

SPEED
LIMIT
55

R2-1
36"X48"

15-7

r d d 12
2

D2-3
192"X84"

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 88	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (15)

PLOT DATE : 1/16/2018 12:08 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

16-1

HOSPITAL
NEXT RIGHT

E10-62
144"X54"

REMOVE AND REPLACE
SIGN ONLY

59

E1-1A
168"X126"

R16-2

16-2

SIGN

414+50.00 MATCH LINE

402WB 404WB 405WB 406WB STH 11/81 408WB 410WB 412WB 414WB 415WB

INL

400EB 402EB 404EB 405EB 406EB 408EB 410EB 412EB 414EB

STH 11/81

399+75.00 MATCH LINE

16-4

JCT
COUNTY
KK

J1-1
36"X57"

R16-3

16-3

JCT
COUNTY
KK

J1-1
36"X57"

REMOVE
AND REPLACE

16-5

CROSS TRAFFIC
NEXT 4 MILES

W6-53
144"X48"

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 89	E

2

17-2
Monroe
NEXT4 EXITS
E9-1
132"X54"

SPEED LIMIT 55
R2-1
36"X48"
R17-3

REMOVE AND REPLACE
WEST 11 WEST 81
J4-2
72"X54"
R17-5
17-5

REMOVE AND REPLACE
R17-8
17-8
R4-7
36"X48"

ONE WAY
R17-9

REMOVE AND REPLACE
R4-7
36"X48"
R17-20
17-20

17-18
ONE WAY
R6-1-L
36"X12"

REMOVE AND REPLACE
R17-15
17-15
R6-1-R
36"X12"
ONE WAY
R1-1
36"X36"
STOP
DIVIDED HIGHWAY
R6-3
30"X24"
R17-16
17-16
R17-17
17-17

ESTR
SPEED LIMIT 35

REMOVE AND REPLACE
DO NOT ENTER
R5-1
36"X36"
R17-22
17-22

WOODRIDGE DR

MOVE BY OTHERS
Hwy 11 & 81
Stauffacher Rd.

REMOVE AND REPLACE
COUNTY KK
J13-1
36"X66"
R17-23
17-23

REMOVE AND REPLACE
WRONG WAY
R5-1A
42"X30"
R17-24
17-24

STAUFFACHER RD
771
772

STH 11/81
416WB 418WB 420WB 422WB 424WB 425WB 426WB 428WB 430
INL
415EB 416EB 418EB 420EB 422EB 424EB 425EB 426EB 428EB

429+25.00 MATCH LINE

414+50.00 MATCH LINE

R17-1
17-1
D1-1
96"X15"
REMOVE AND REPLACE IN NEW LOCATION

R17-4
17-4
WRONG WAY
R5-1A
42"X30"
REMOVE AND REPLACE

R17-6
17-6
COUNTY KK
J13-1
36"X66"
REMOVE AND REPLACE

R17-7
17-7
DO NOT ENTER
R5-1
36"X36"
REMOVE AND REPLACE

CTH KK
761
762
SIGN

17-14
ONE WAY
R6-1-L
36"X12"

R17-21
17-21
YIELD
R1-2
48"X42"
REMOVE AND REPLACE

RADIO LN
SIGN
SEPC
SEPC
SEPC
A/C
T

R17-25
17-25
STOP
SCHOOL BUS FLASHING RED LIGHTS
R59-51
48"X48"
REMOVE AND REPLACE

R17-10
11 81
REMOVE

REMOVE AND REPLACE
R6-1-R
36"X12"
ONE WAY
R1-1
36"X36"
STOP
DIVIDED HIGHWAY
R6-3
30"X24"
R17-11
17-11
R17-12
17-12
R17-13
17-13

R17-19
17-19
11 81
J13-2
48"X45"
REMOVE AND REPLACE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 90	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - SHEET - (17)
PLOT DATE : 1/16/2018 12:08 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

N

REMOVE
[illegible] r Rd
NEW SIGN
[illegible] r Rd
D1-1
96"X15"
R18-1
18-1

R18-3
18-3
JCT
COUNTY
KK
J1-1
36"X66"
REMOVE
AND REPLACE

REMOVE SIGN
AND SIGN SUPPORTS
M[illegible] r[illegible] E[illegible]
[illegible] 1 1/[illegible]
1[illegible] A[illegible] 2 1/[illegible]
[illegible] 1/[illegible]

R18-6

18-4
JCT
COUNTY
KK
J1-1
36"X66"

SIGN

WOODRIDGE DR
SEPC
ANT
SEPC
SEPC

444+00.00 MATCH LINE
MATCH LINE

WB
432WB
434WB
435WB
436WB
438WB
440WB
442WB
444WB
430EB
432EB
434EB
435EB
436EB
438EB
440EB
442EB

STH 11/81
STH 11/81
INL

18-2
EAST EAST
11 81
J4-2
72"X54"

18-5
SPEED
LIMIT
55
R2-1
36"X48"

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 91	E

2

2

N

REMOVE
AND REPLACE
R19-6 19-6
R19-7 19-7
R19-8 19-8

R6-1-R
36"X12"
ONE WAY

R1-1
36"X36"
STOP

DIVIDED
HIGHWAY
R6-3
30"X24"

STAUFFACHER RD

REMOVE
AND REPLACE
ONE WAY
R6-1-L
36"X12"
R19-5
19-5

458+75.00 MATCH LINE

445WB 446WB STH 11/81 448WB 450WB 452WB 454WB 455WB STH 11/81 456WB 458WB

INL

445EB 446EB STH 11/81 448EB 450EB 452EB 454EB 455EB STH 11/81 456EB 458EB

444+00.00 MATCH LINE

SIGN

R19-1
19-1
R[illegible]d Rd
D1-61
66"X24"
REMOVE
AND REPLACE

T

R19-2
19-2
WRONG
WAY
R5-1A
42"X30"
REMOVE AND
REPLACE IN
NEW LOCATION

REMOVE AND
REPLACE IN
NEW LOCATION
SIGN
R19-3
19-3
DO NO
ENTER
R5-1
36"X36"
SIGN

R19-4
19-4
R4-7
36"X48"
REMOVE
AND REPLACE

MOVE BY
OTHERS
Richland Rd.
Hwy 11 & 81

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 92	E

2

N

ESTR
SPEED LIMIT 45

MOVE BY OTHERS
Richland Rd

REMOVE AND REPLACE
R4-7
36"X48"
R20-5
20-5

REMOVE AND REPLACE IN NEW LOCATION
INL
DO NOT ENTER
R5-1
36"X36"
R20-6
20-6

R20-8
20-8
REMOVE AND REPLACE
R[illegible]d Rd
D1-61
66"X24"
SIGN

R20-9
20-9
R20-10
20-10
R20-11
20-11
REMOVE AND REPLACE
ONE WAY
R6-1-R
36"X12"
STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30"X24"

MOVE BY OTHERS
Hillbrand Ln
DO NOT ENTER
R5-1
36"X36"
20-15

RICHLAND RD
784
783
HILLBRAND LN
794
793
58
W
INL

460WB 462WB 464WB 465WB 466WB 468WB 470WB 472WB
460EB 462EB 464EB 465EB 466EB 468EB 470EB 472EB
STH 11/81

473+50.00 MATCH LINE

782
781
ROLLAND RD
458+75.00 MATCH LINE

R20-4
20-4
ONE WAY
R6-1-L
36"X12"
REMOVE AND REPLACE

R20-7
20-7
WRONG WAY
R5-1A
42"X30"
REMOVE AND REPLACE IN NEW LOCATION

R20-1
20-1
R20-2
20-2
R20-3
20-3
REMOVE AND REPLACE
ONE WAY
R6-1-R
36"X12"
STOP
R1-1
36"X36"
DIVIDED HIGHWAY
R6-3
30"X24"

R20-13
20-13
R4-7
36"X48"
REMOVE AND REPLACE

R20-12
20-12
ONE WAY
R6-2-L
24"X30"
REMOVE AND REPLACE

R20-14
EAST EAST
11 81
REMOVE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 93	E

2

2

N

21-1
WRONG WAY
R5-1A
42"X30"

STH 11/81

474WB 475WB 476WB 478WB 480WB 482WB

STH 11/84

484WB 485WB 486WB 488WB

488+25.00 MATCH LINE

474EB 475EB 476EB 478EB 480EB 482EB

STH 11/81

STH 11/84

484EB 485EB 486EB 488EB

473+50.00 MATCH LINE

R21-2
SPEED LIMIT 55
REMOVE

R21-3
21-3
SPEED LIMIT 55
R2-1
36"X48"
REMOVE AND REPLACE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 94	E

2

N

REMOVE AND REPLACE
SPEED LIMIT 55
R2-1
36"X48"
R22-1
22-1

REMOVE
SPEED LIMIT 55
R22-2

SEPC

PE

STH 11/81

490WB 492WB 494WB 495WB 496WB 498WB 500WB 502WB

INL

490EB 492EB 494EB 495EB 496EB 498EB 500EB 502EB

SIGN

R22-3
22-3
ONE WAY
R6-2-L
24"X30"
REMOVE AND REPLACE

R22-4 R22-5

Wisconsin Roads EMERGENCY CELLULAR 911

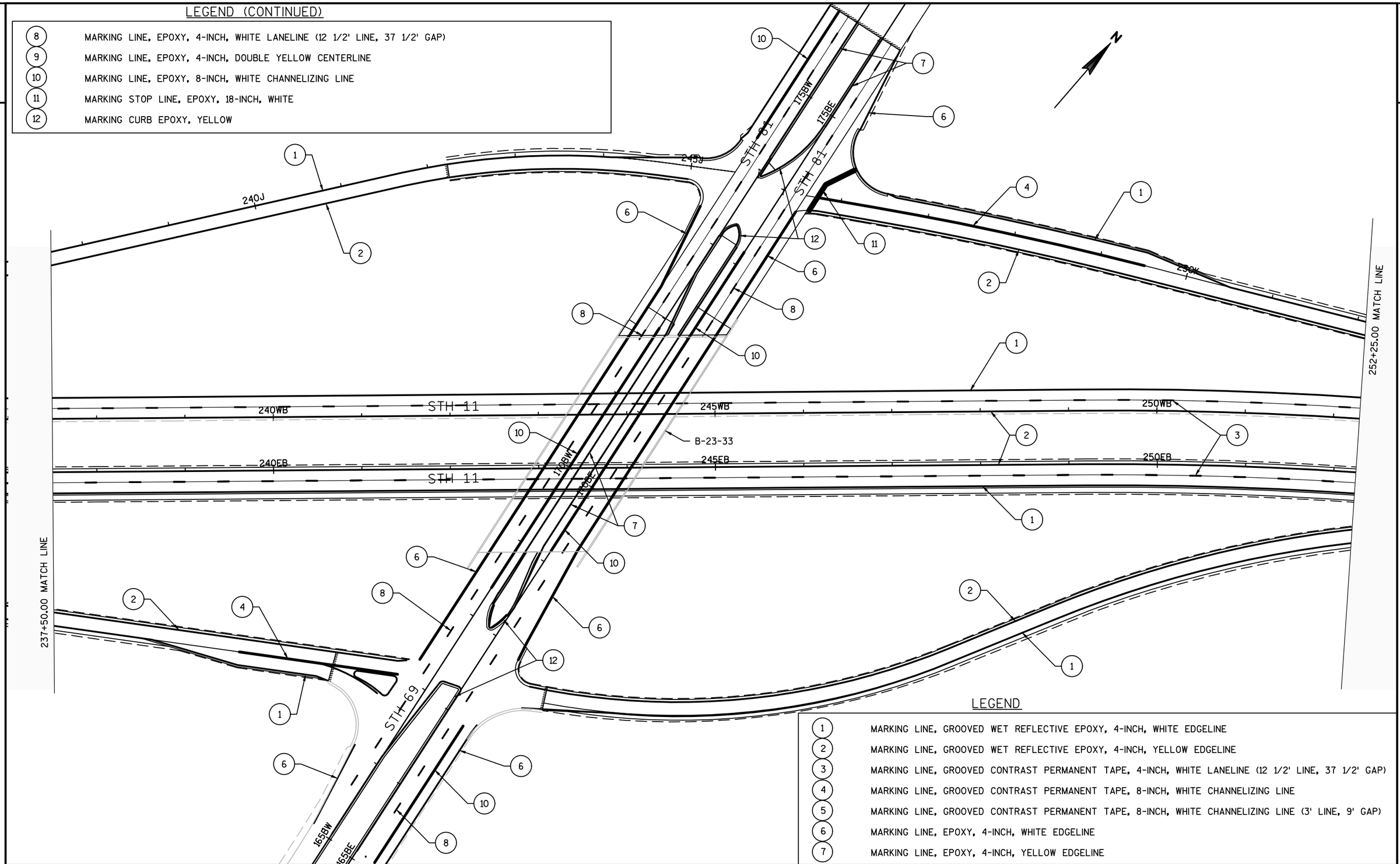
REMOVE

488+25.00 MATCH LINE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PERMANENT SIGNING	SHEET 95	E

LEGEND (CONTINUED)

8	MARKING LINE, EPOXY, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
9	MARKING LINE, EPOXY, 4-INCH, DOUBLE YELLOW CENTERLINE
10	MARKING LINE, EPOXY, 8-INCH, WHITE CHANNELIZING LINE
11	MARKING STOP LINE, EPOXY, 18-INCH, WHITE
12	MARKING CURB EPOXY, YELLOW



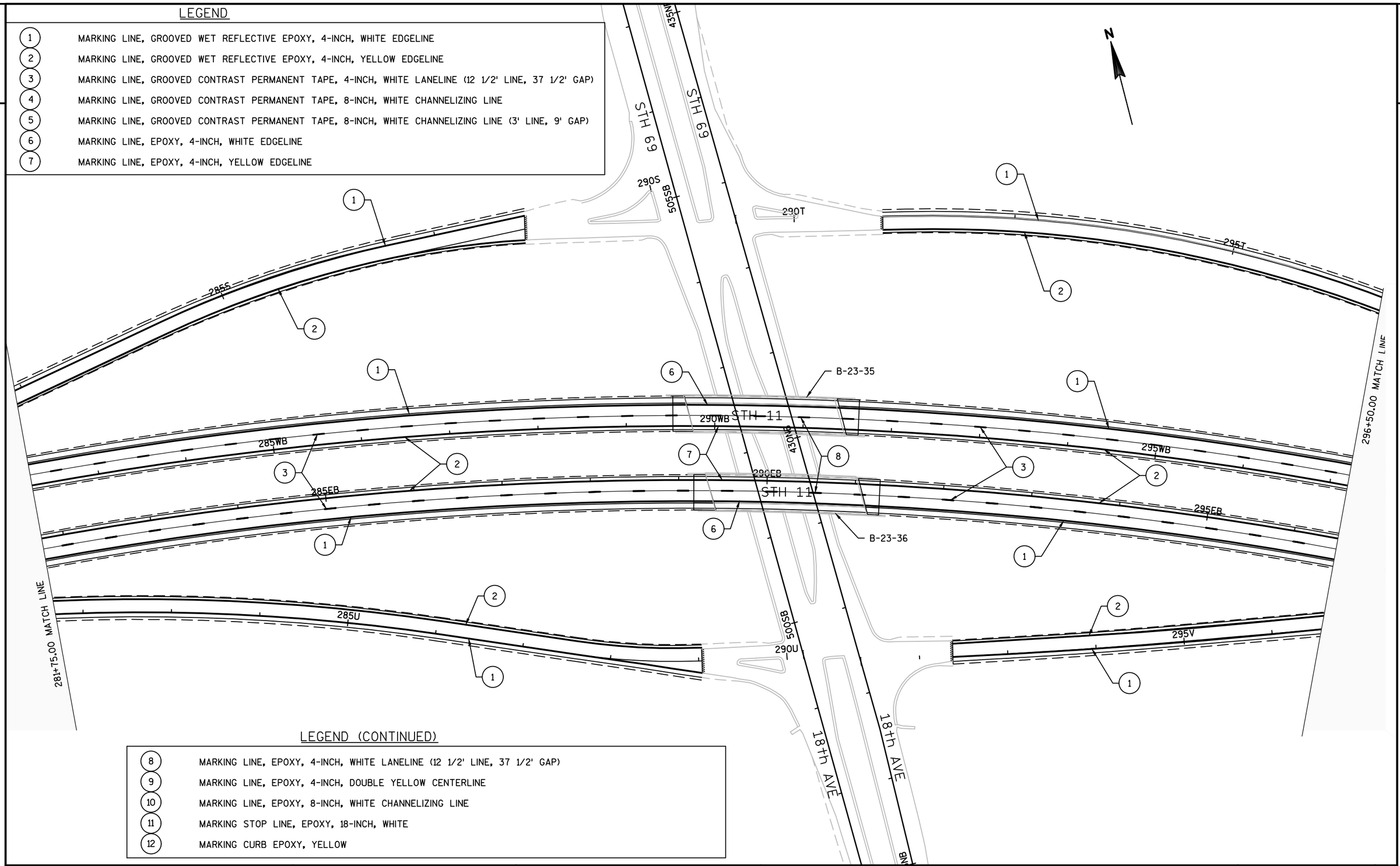
LEGEND

1	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, WHITE EDGELINE
2	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, YELLOW EDGELINE
3	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
4	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE
5	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE (3' LINE, 9' GAP)
6	MARKING LINE, EPOXY, 4-INCH, WHITE EDGELINE
7	MARKING LINE, EPOXY, 4-INCH, YELLOW EDGELINE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PAVEMENT MARKING	SHEET 96	E

LEGEND

1	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, WHITE EDGELINE
2	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, YELLOW EDGELINE
3	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
4	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE
5	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE (3' LINE, 9' GAP)
6	MARKING LINE, EPOXY, 4-INCH, WHITE EDGELINE
7	MARKING LINE, EPOXY, 4-INCH, YELLOW EDGELINE



LEGEND (CONTINUED)

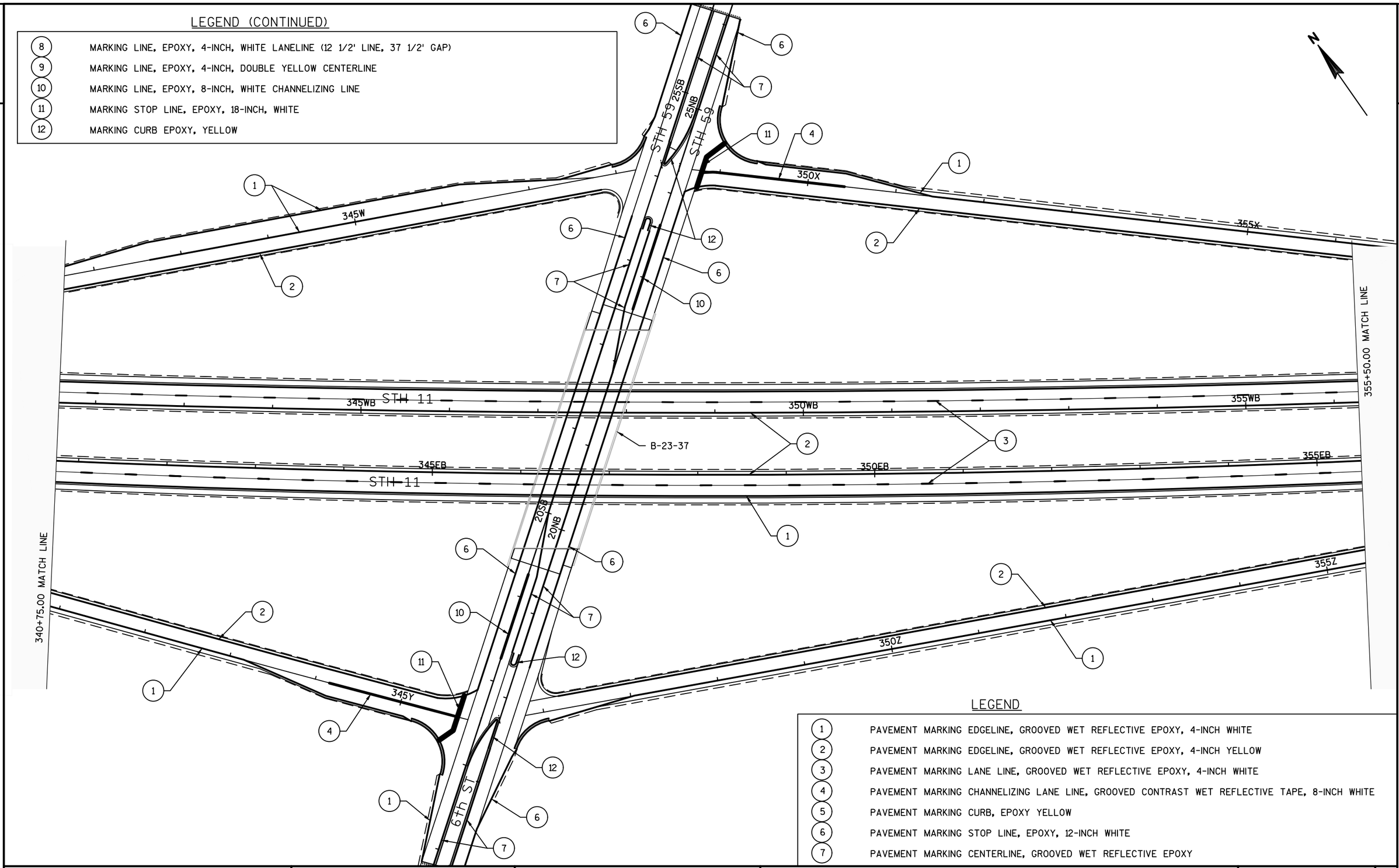
8	MARKING LINE, EPOXY, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
9	MARKING LINE, EPOXY, 4-INCH, DOUBLE YELLOW CENTERLINE
10	MARKING LINE, EPOXY, 8-INCH, WHITE CHANNELIZING LINE
11	MARKING STOP LINE, EPOXY, 18-INCH, WHITE
12	MARKING CURB EPOXY, YELLOW

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PAVEMENT MARKING	SHEET 97	E

2

LEGEND (CONTINUED)

8	MARKING LINE, EPOXY, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
9	MARKING LINE, EPOXY, 4-INCH, DOUBLE YELLOW CENTERLINE
10	MARKING LINE, EPOXY, 8-INCH, WHITE CHANNELIZING LINE
11	MARKING STOP LINE, EPOXY, 18-INCH, WHITE
12	MARKING CURB EPOXY, YELLOW



LEGEND

1	PAVEMENT MARKING EDGELINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH WHITE
2	PAVEMENT MARKING EDGELINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH YELLOW
3	PAVEMENT MARKING LANE LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH WHITE
4	PAVEMENT MARKING CHANNELIZING LANE LINE, GROOVED CONTRAST WET REFLECTIVE TAPE, 8-INCH WHITE
5	PAVEMENT MARKING CURB, EPOXY YELLOW
6	PAVEMENT MARKING STOP LINE, EPOXY, 12-INCH WHITE
7	PAVEMENT MARKING CENTERLINE, GROOVED WET REFLECTIVE EPOXY

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PAVEMENT MARKING	SHEET 98	E

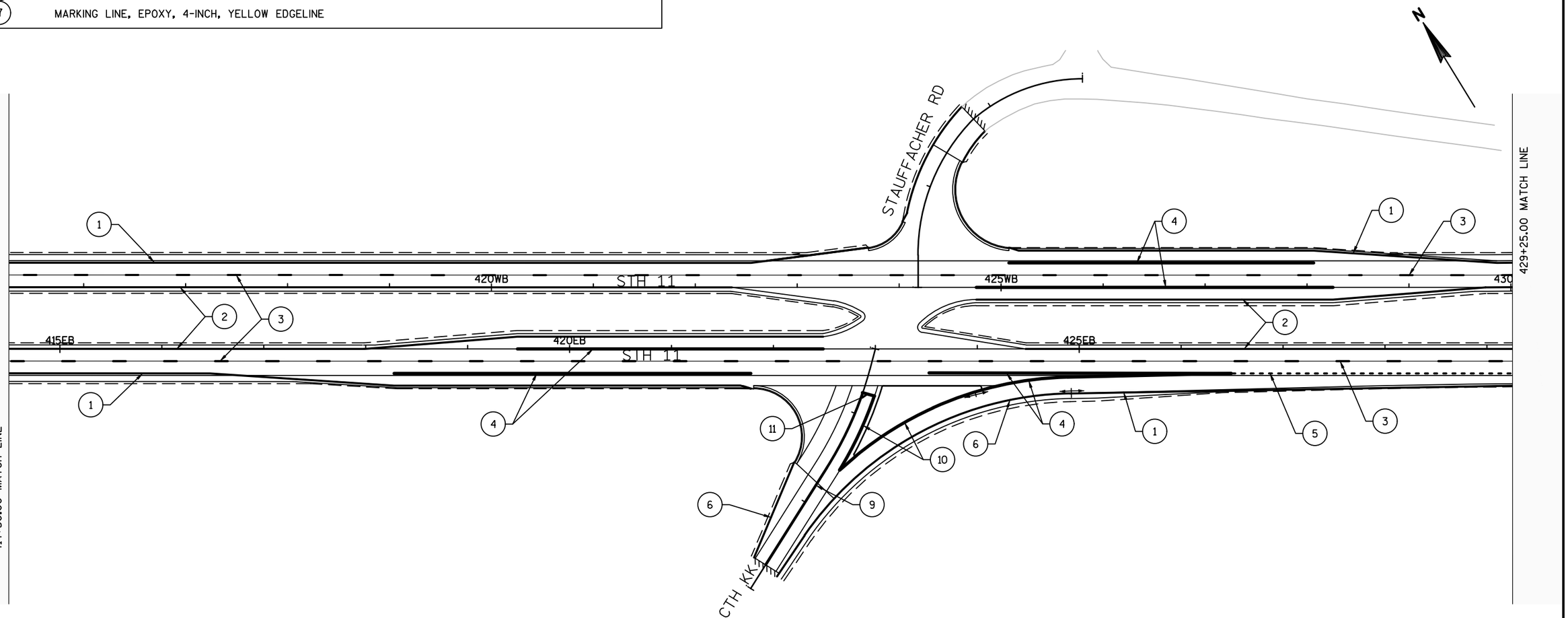
2

LEGEND

1	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, WHITE EDGELINE
2	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, YELLOW EDGELINE
3	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
4	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE
5	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE (3' LINE, 9' GAP)
6	MARKING LINE, EPOXY, 4-INCH, WHITE EDGELINE
7	MARKING LINE, EPOXY, 4-INCH, YELLOW EDGELINE

LEGEND (CONTINUED)

8	MARKING LINE, EPOXY, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
9	MARKING LINE, EPOXY, 4-INCH, DOUBLE YELLOW CENTERLINE
10	MARKING LINE, EPOXY, 8-INCH, WHITE CHANNELIZING LINE
11	MARKING STOP LINE, EPOXY, 18-INCH, WHITE
12	MARKING CURB EPOXY, YELLOW



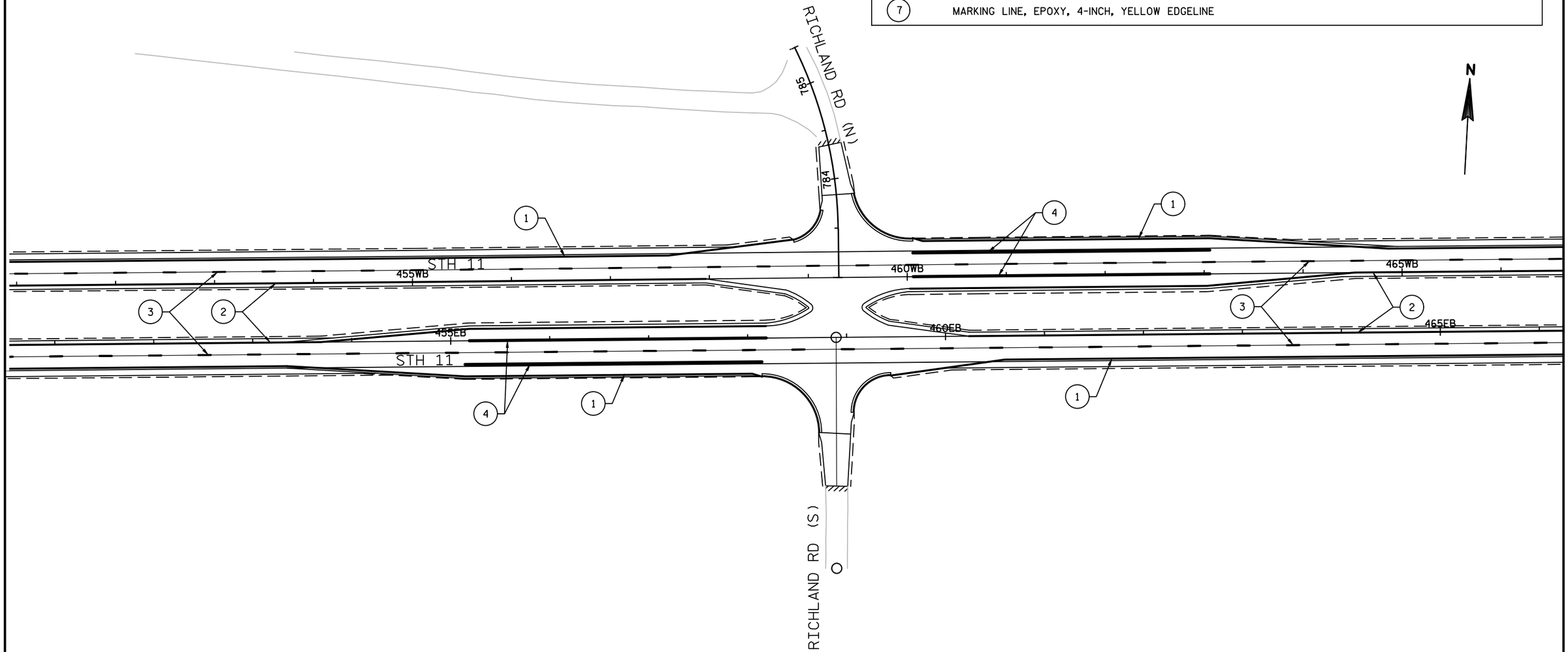
2

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PAVEMENT MARKING	SHEET 99	E

2

LEGEND

1	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, WHITE EDGELINE
2	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, YELLOW EDGELINE
3	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
4	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE
5	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE (3' LINE, 9' GAP)
6	MARKING LINE, EPOXY, 4-INCH, WHITE EDGELINE
7	MARKING LINE, EPOXY, 4-INCH, YELLOW EDGELINE



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PAVEMENT MARKING	SHEET 100 E

2

2

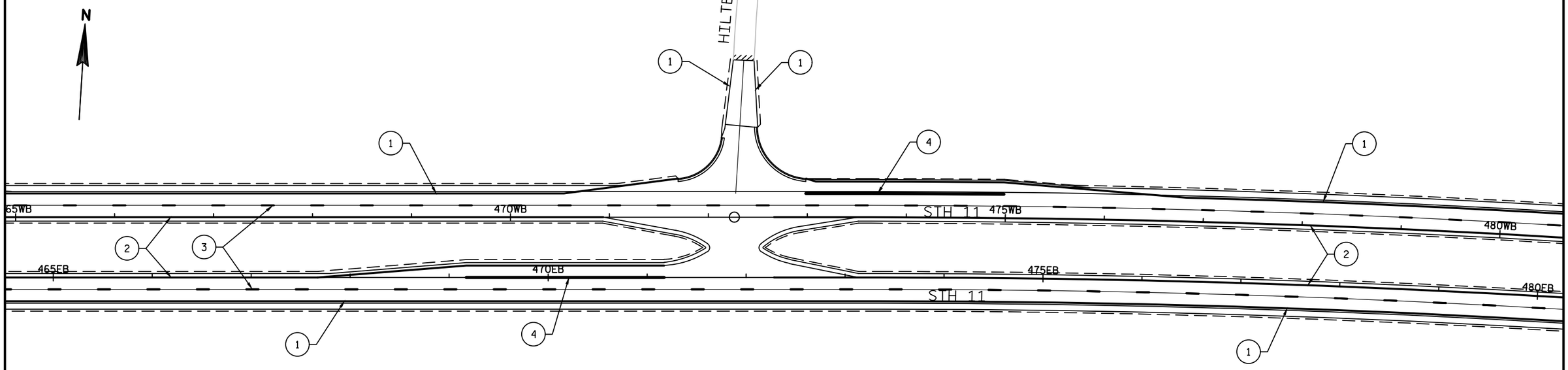
LEGEND

1	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, WHITE EDGELINE
2	MARKING LINE, GROOVED WET REFLECTIVE EPOXY, 4-INCH, YELLOW EDGELINE
3	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 4-INCH, WHITE LANELINE (12 1/2' LINE, 37 1/2' GAP)
4	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE
5	MARKING LINE, GROOVED CONTRAST PERMANENT TAPE, 8-INCH, WHITE CHANNELIZING LINE (3' LINE, 9' GAP)
6	MARKING LINE, EPOXY, 4-INCH, WHITE EDGELINE
7	MARKING LINE, EPOXY, 4-INCH, YELLOW EDGELINE

N

N

HILTBRAND LN



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PAVEMENT MARKING	SHEET 101	E

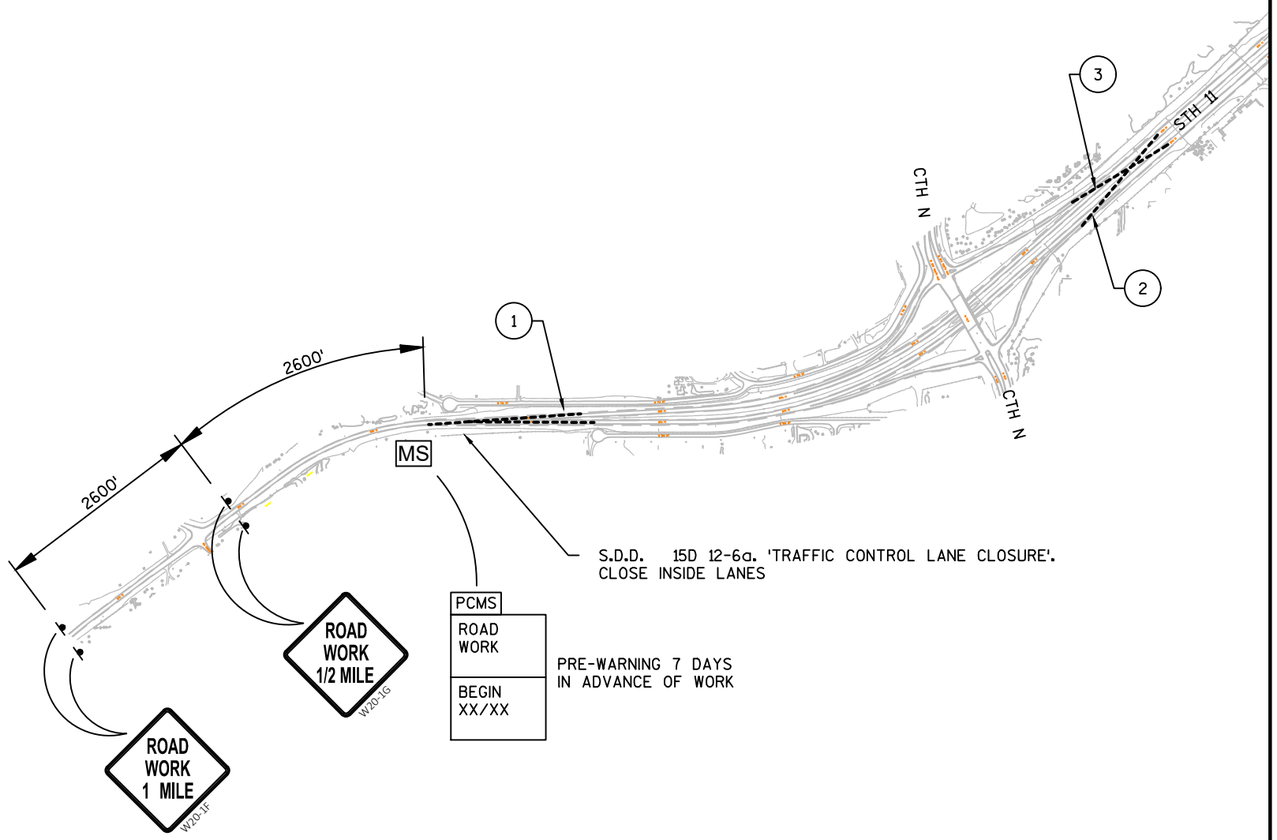
2

LEGEND

----------	TEMPORARY RAMPS AND CROSSOVERS
MS	PORTABLE CHANGEABLE MESSAGE SIGN

NOTE: REFER TO THE MOST RECENT SDD NUMBER OF THE STANDARD DETAIL DRAWINGS TITLE

N



MOVE TRAFFIC TO OUTSIDE LANES EASTBOUND AND WESTBOUND STH 11
TO CONSTRUCT MAINLINE AND INTERCHANGE RAMP CROSSOVERS.
CONSTRUCT WESTBOUND STH 11 INSIDE SHOULDER 2"MILL AND TEMPORARY ASPHALTIC SHOULDER.
CONSTRUCT INSIDE LANE BEAM GUARD AT B-23-35 AND B-23-36.

2

2

LEGEND

---------- TEMPORARY RAMPS AND CROSSOVERS

MS PORTABLE CHANGEABLE MESSAGE SIGN

N

CTH N

STH 81

PROJECT LIMITS
WESTBOUND STH 11

STH 11/81

STH 69

B-23-35

B-23-36

B-23-33

2

3

CLOSE AND DETOUR THE BADGER STATE TRAIL DURING THE STH 69/18TH AVE. RAMP CROSSOVER CONSTRUCTION.
DETOUR TRAIL TO CTH DR AND STH 69/18TH AVE.

18TH AVE.

BADGER STATE TRAIL

STH 11

STH 59

B-23-37

6TH STREET

PROJECT LIMITS
EASTBOUND STH 11

MOVE TRAFFIC TO OUTSIDE LANES EASTBOUND AND WESTBOUND STH 11
TO CONSTRUCT MAINLINE AND INTERCHANGE RAMP CROSSOVERS.
CONSTRUCT WESTBOUND STH 11 INSIDE SHOULDER 2" MILL AND TEMPORARY ASPHALTIC SHOULDER.
CONSTRUCT INSIDE LANE BEAM GUARD AT B-23-35 AND B-23-36.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A - CROSSOVERS	SHEET 103	E

2

LEGEND

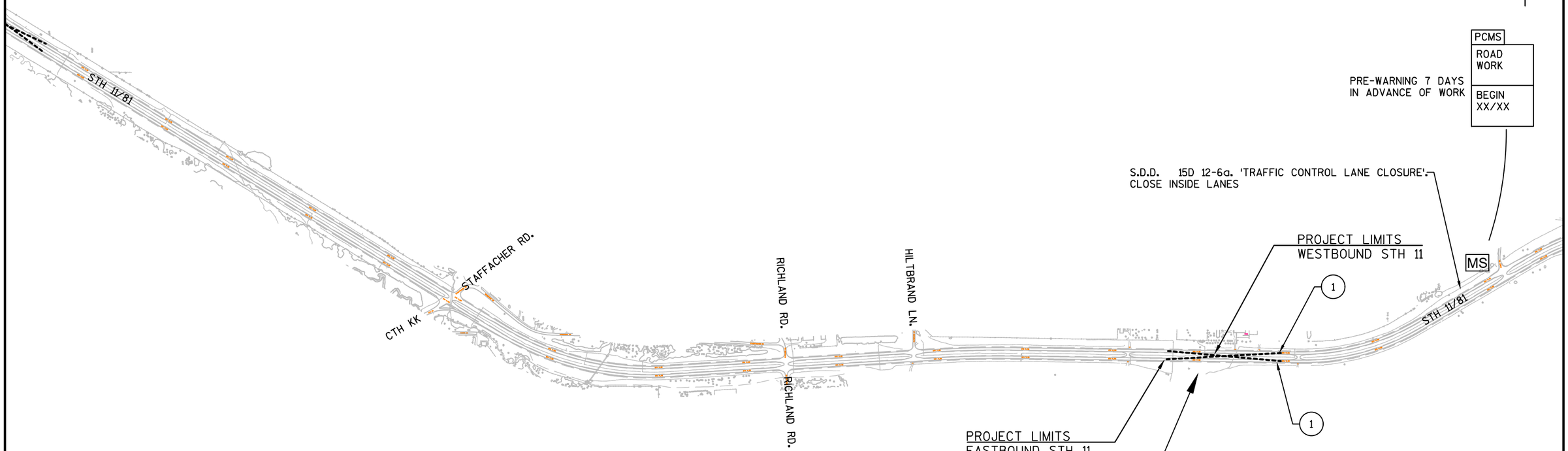
----------	TEMPORARY RAMPS AND CROSSOVERS
MS	PORTABLE CHANGEABLE MESSAGE SIGN

N

PCMS
ROAD WORK
BEGIN XX/XX

PRE-WARNING 7 DAYS IN ADVANCE OF WORK

S.D.D. 15D 12-6a. 'TRAFFIC CONTROL LANE CLOSURE'.
CLOSE INSIDE LANES

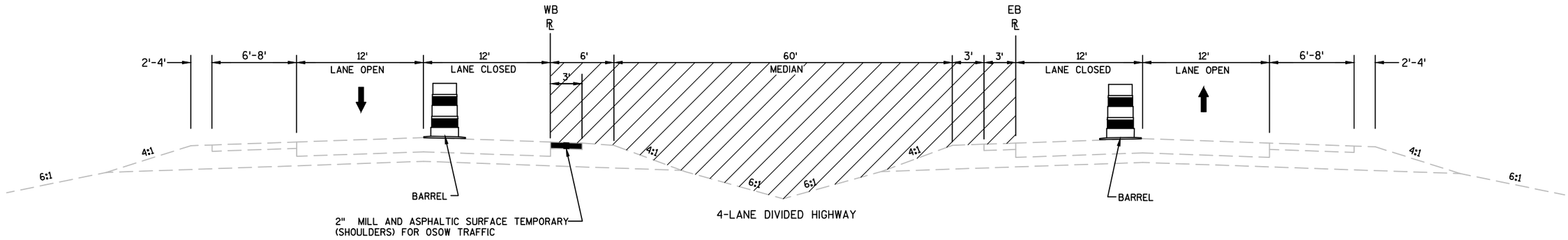


PROJECT LIMITS
WESTBOUND STH 11

PROJECT LIMITS
EASTBOUND STH 11

MOVE TRAFFIC TO OUTSIDE LANES EASTBOUND AND WESTBOUND STH 11
TO CONSTRUCT MAINLINE AND INTERCHANGE RAMP CROSSOVERS.
CONSTRUCT WESTBOUND STH 11 INSIDE SHOULDER 2" MILL AND TEMPORARY ASPHALTIC SHOULDER.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A - CROSSOVERS	SHEET 104	E

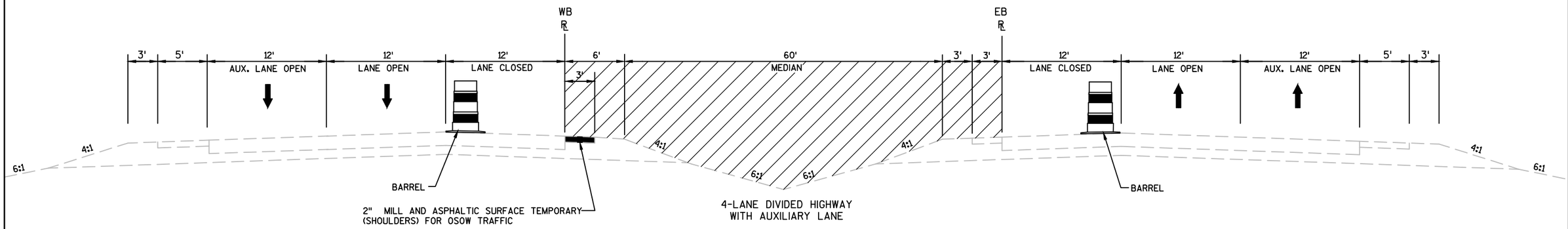


STAGE 1A CONSTRUCTION TYPICAL SECTION

FALL 2018
MAINLINE AND INTERCHANGE RAMP CROSSOVER CONSTRUCTION
STA. 169+00EB TO 211+48EB
STA. 226+34EB TO STA. 262+14EB
STA. 275+23EB TO 497+69.44EB
STA. 174+00WB TO STA. 259+38WB
STA. 272+57WB TO STA. 501+67.14WB

2" MILL AND ASPHALTIC SURFACE TEMPORARY (SHOULDERS)
STA. 272+57WB-RT TO STA. 286+00WB-RT
STA. 305+50WB-RT TO STA. 342+70WB-RT

WORK ZONE



STAGE 1A CONSTRUCTION TYPICAL SECTION

FALL 2018
MAINLINE AND INTERCHANGE RAMP CROSSOVER CONSTRUCTION
STA. 211+48EB TO STA. 226+34EB
STA. 262+14EB TO 275+23EB
STA. 259+38WB TO STA. 272+57WB

2" MILL AND ASPHALTIC SURFACE TEMPORARY (SHOULDERS)
STA. 262+50WB-RT TO STA. 272+57WB-RT

WORK ZONE

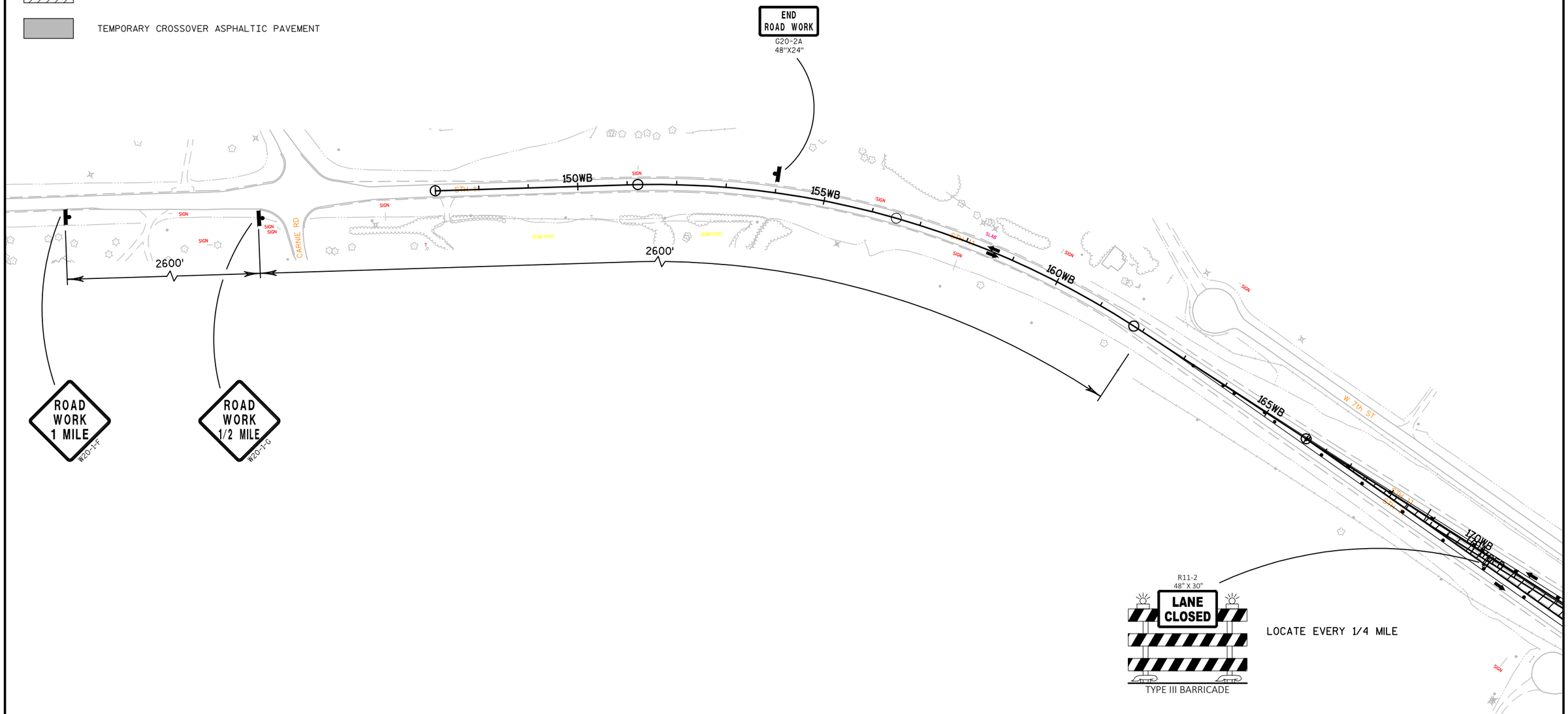
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	STAGE 1A CONSTRUCTION TYPICAL SECTION	SHEET 105	E

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 106	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 1

PLOT DATE : 1/16/2018 12:15 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

N

NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

170WB
170EB
175WB
175EB
180WB
180EB
185WB
185EB
190WB
190EB
195WB
195EB

100' TYP.

100' TYP.

W 7th ST
W 8th ST
STH 11
CTH N/6th AVE W

END ROAD WORK
G20-2A
48"X24"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

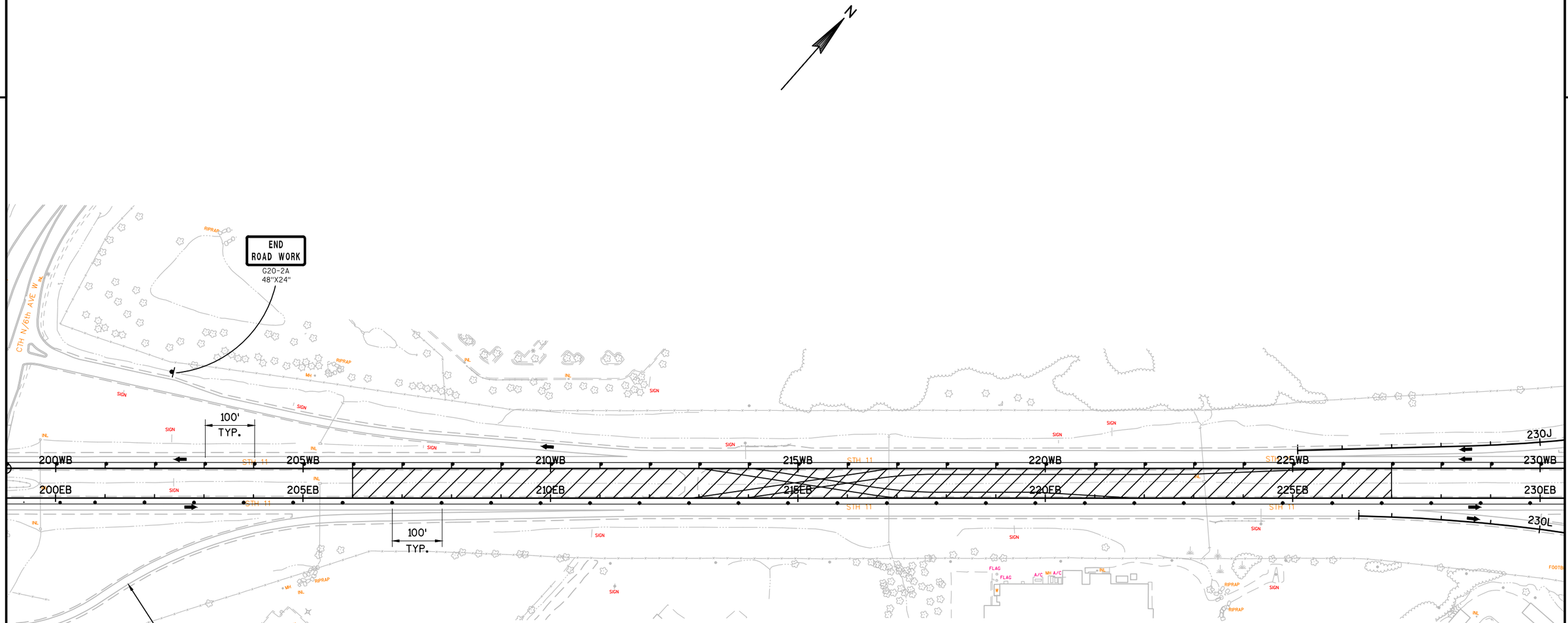
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 107	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 2

PLOT DATE : 1/16/2018 12:15 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 108	E

2

LEGEND

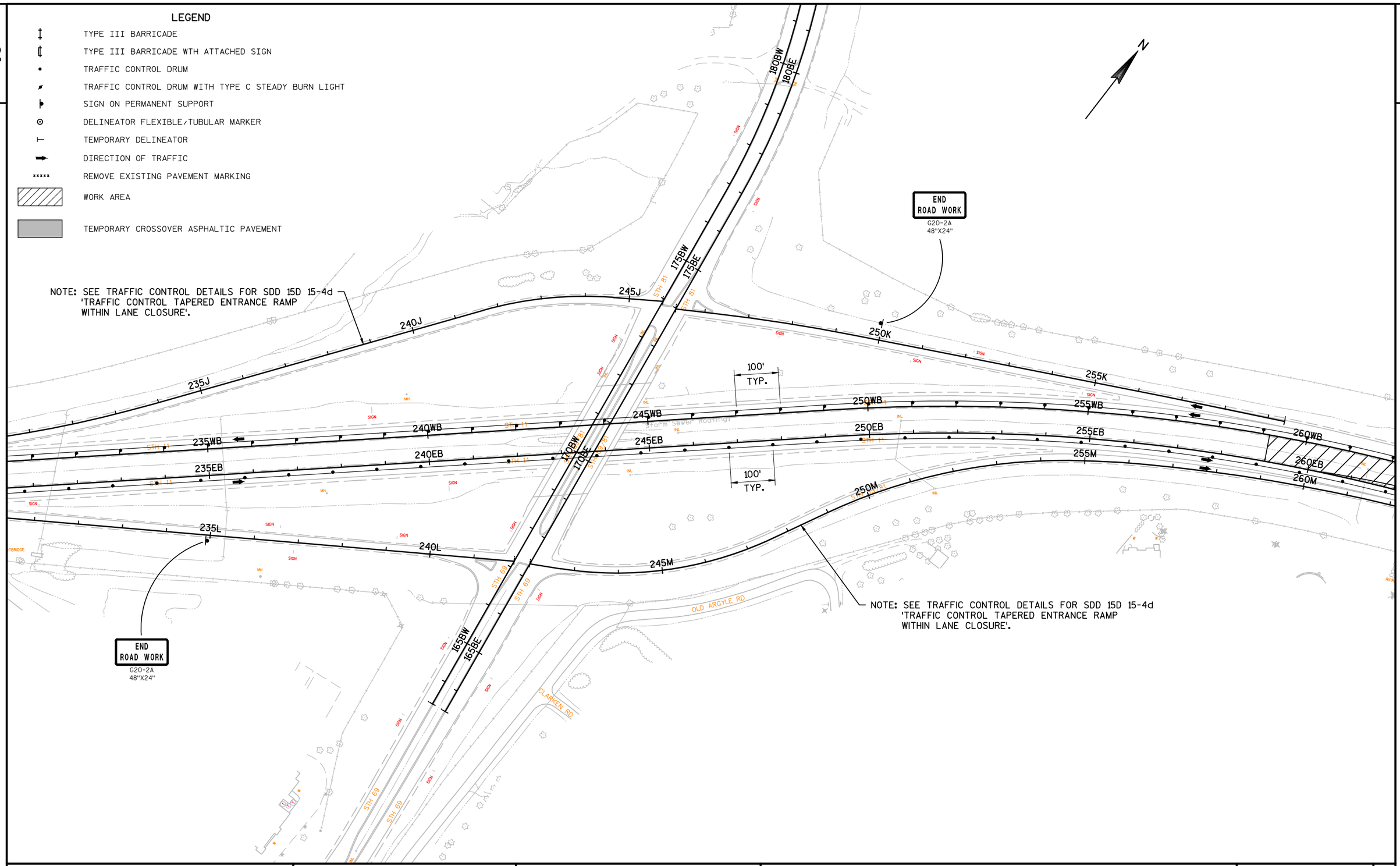
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

END ROAD WORK
G20-2A
48"X24"

NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

END ROAD WORK
G20-2A
48"X24"



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 109	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 4

PLOT DATE : 1/16/2018 12:16 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

END ROAD WORK
G20-2A
48"X24"

265WB
265EB
270WB
270EB
275S
275WB
275EB
280S
280WB
280EB
280U
285S
285WB
285EB
285U
290S
290T
290WB
290EB
290U
510SB
440NB
435NB
505SB
430NB
425NB
495SB
STH 11/69 (BI)
STH 11/69 (BR)
STH 11/69 (BS)
STH 11/69 (BT)
STH 11/69 (BU)
100' TYP.
100' TYP.
AEBLY RD
CTH DR
18th AVE
SIGN
INL
RIPRAP
FILLER CAPS
CANOPY
TANKS

2

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 110	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 5

PLOT DATE : 1/16/2018 12:16 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

END ROAD WORK
G20-2A
48"X24"

295T
300T
305T
305WB
300WB
STH 11/81
305EB
300EB
305V
300V
310T
310WB
310F
310EB
310V
315WB
315F
315EB
320WB
320EB
100' TYP.
100' TYP.
295WB
295EB
295V
425NB
495SB
BADGER STATE TRAIL

NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 111	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 6

PLOT DATE : 1/16/2018 12:16 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

END ROAD WORK
G20-2A
48"X24"

NOTE: SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 15-4d 'TRAFFIC CONTROL TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE'.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 112	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 7

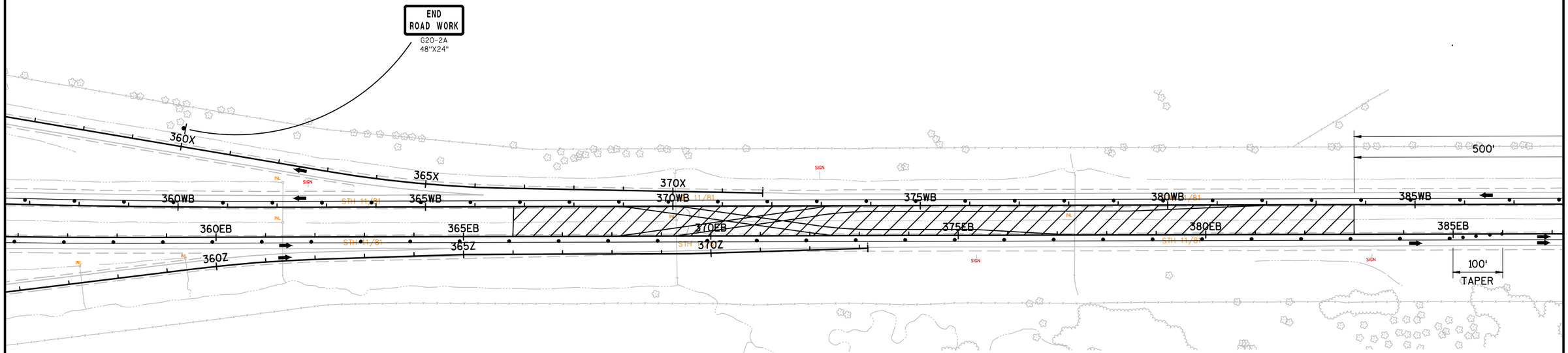
PLOT DATE : 1/16/2018 12:16 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- ***** REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 113	E

FILE NAME : N:\PDS\C3D\170602O2\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 8

PLOT DATE : 1/16/2018 12:16 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

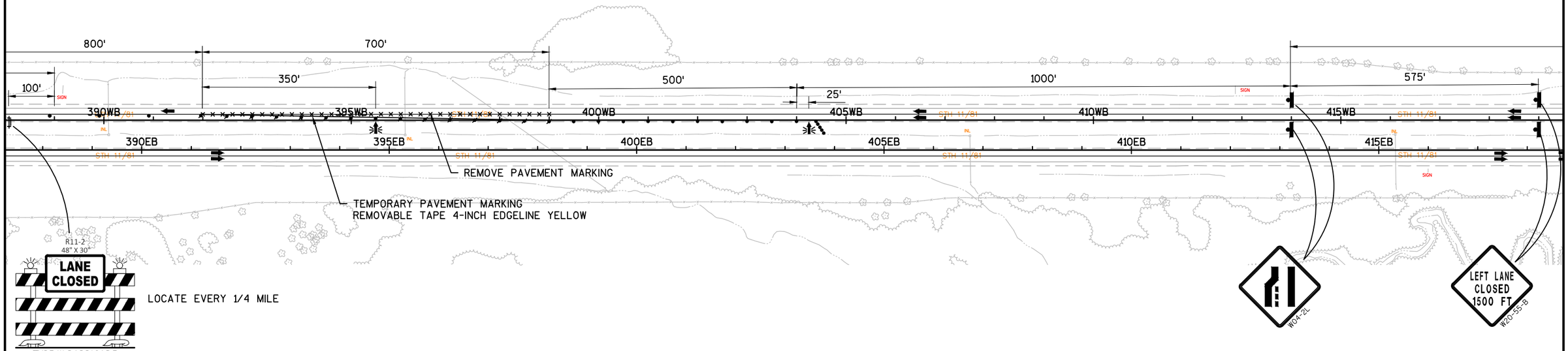
2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N



LOCATE EVERY 1/4 MILE

TYPE III BARRICADE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 114	E

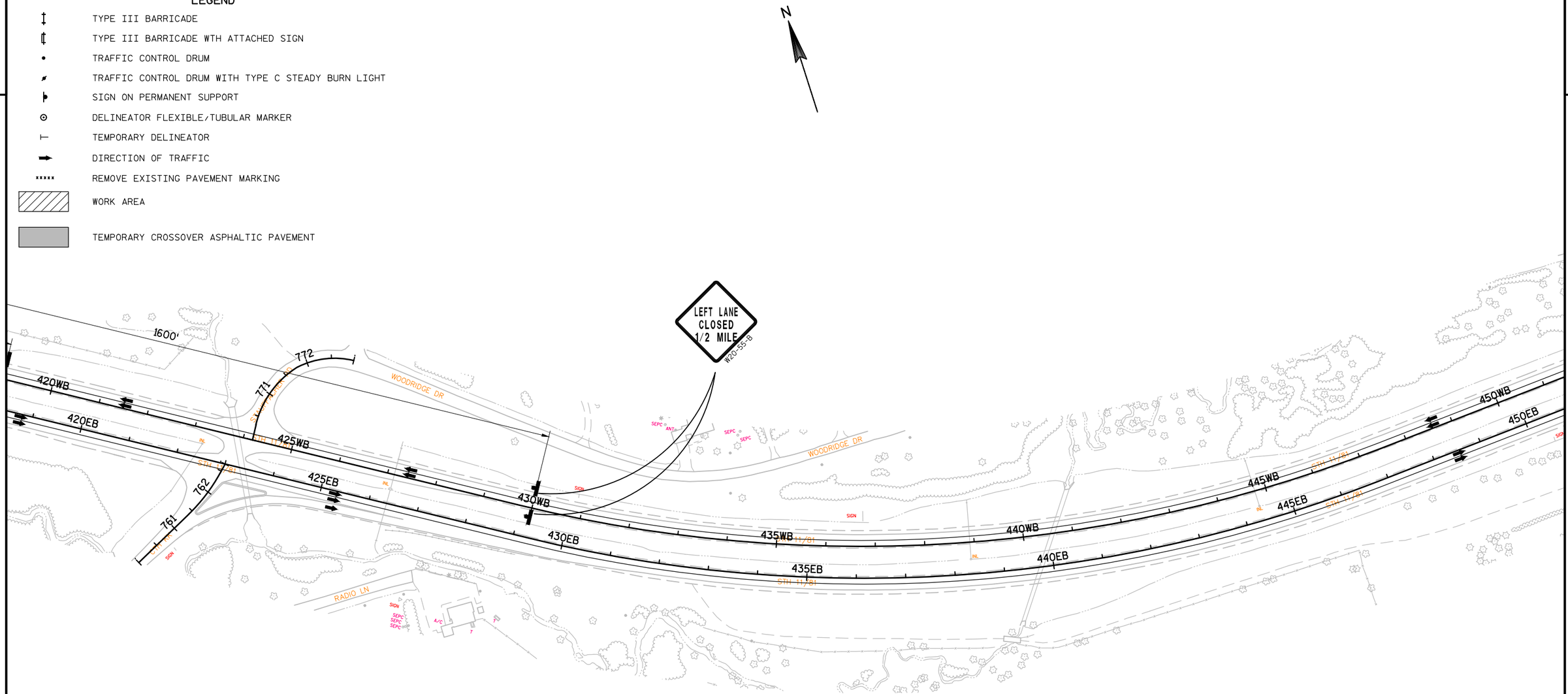
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 9

PLOT DATE : 1/16/2018 12:17 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- ***** REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 115	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 10

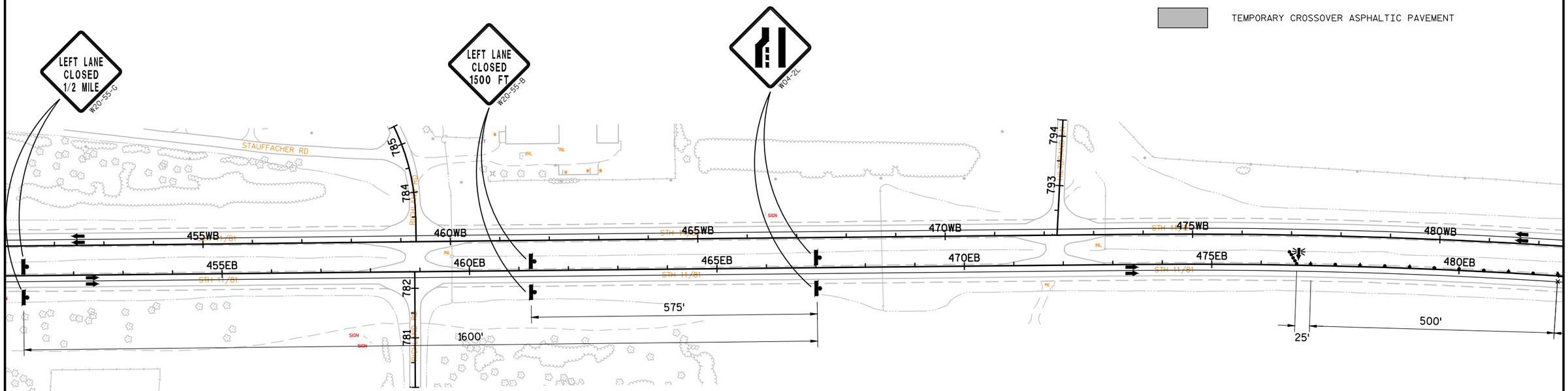
PLOT DATE : 1/16/2018 12:17 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 116	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 11

PLOT DATE : 1/16/2018 12:17 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ONE WAY
R6-2R
24"X30"

REMOVE PAVEMENT MARKING

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE, 4-INCH EDGELINE
YELLOW

100'
TAPER

50'
TYP.

485WB
485EB
490WB
490EB
495WB
495EB
500WB
500EB
505WB
505EB
510WB
510EB

STH 11/81

700'

800'

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ONE WAY
R6-2R
24"X30"

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 117	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 12

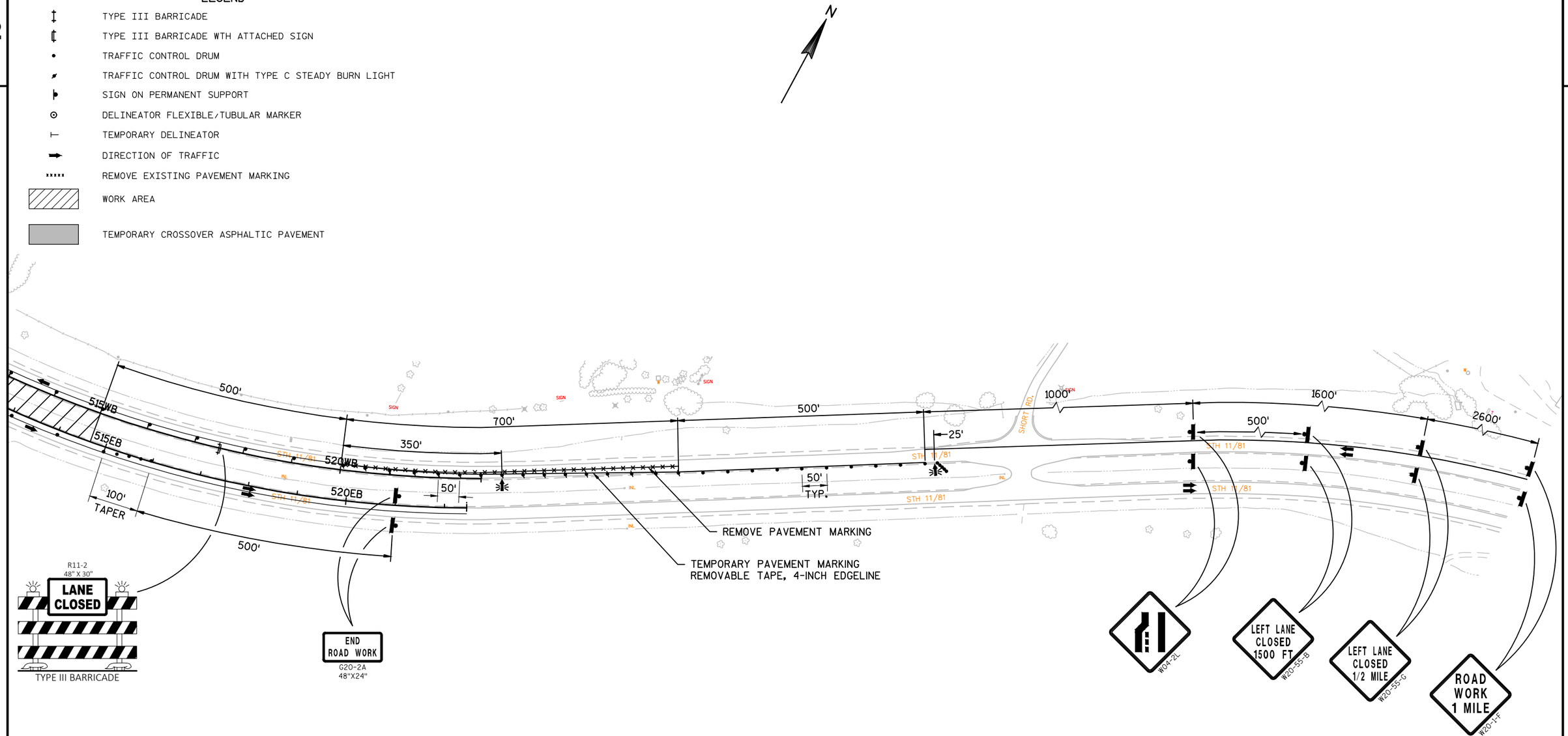
PLOT DATE : 1/16/2018 12:17 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1A	SHEET 118	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1A.DWG
LAYOUT NAME - STAGE 1A SHEET 13

PLOT DATE : 1/16/2018 12:17 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

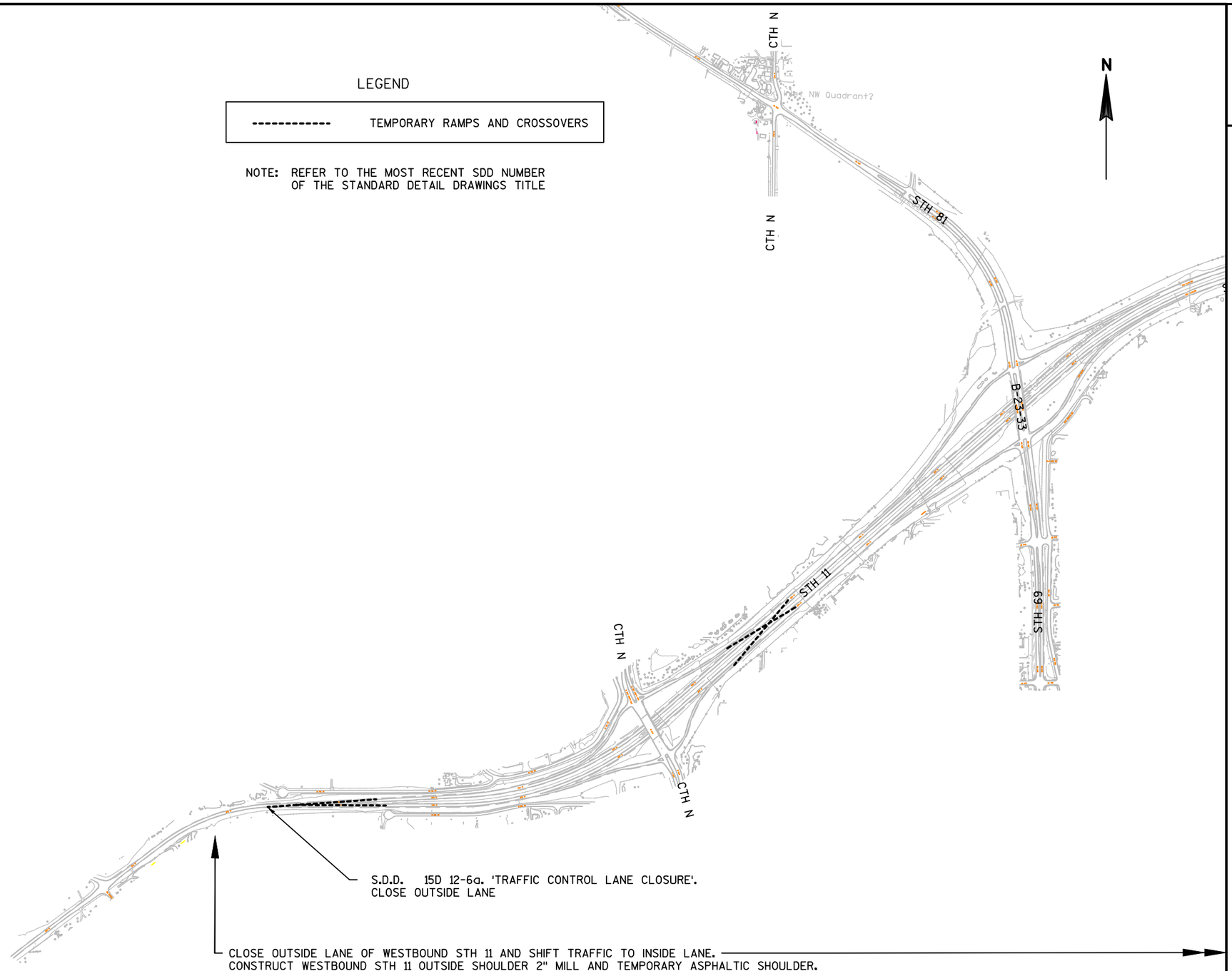
WISDOT/CADDS SHEET 42

2

LEGEND

---------- TEMPORARY RAMPS AND CROSSOVERS

NOTE: REFER TO THE MOST RECENT SDD NUMBER OF THE STANDARD DETAIL DRAWINGS TITLE



2

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B - TEMPORARY SHOULDERS	SHEET 119	E

2

LEGEND

---------- TEMPORARY RAMPS AND CROSSOVERS

N

CTH N

CTH N

STH 81

PROJECT LIMITS
WESTBOUND STH 11

STH 11/81

STH 69

B-23-35
B-23-36

B-23-33

18TH AVE.

BADGER STATE TRAIL

STH 59

B-23-37

6TH STREET

STH 11

CTH N

STH 69

PROJECT LIMITS
EASTBOUND STH 11

CTH N

CLOSE OUTSIDE LANE OF WESTBOUND STH 11 AND SHIFT TRAFFIC TO INSIDE LANES.
CONSTRUCT WESTBOUND STH 11 OUTSIDE SHOULDER 2" MILL AND TEMPORARY ASPHALTIC SHOULDER.
CONSTRUCT OUTSIDE SHOULDER BEAM GUARD AT B-23-35.
CLOSE THE OUTSIDE LANE OF EASTBOUND STH 11 AT STH 69/18TH AVE. AND CONSTRUCT OUTSIDE SHOULDER BEAM GUARD AT B-23-36.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B - TEMPORARY SHOULDERS	SHEET 120	E

2

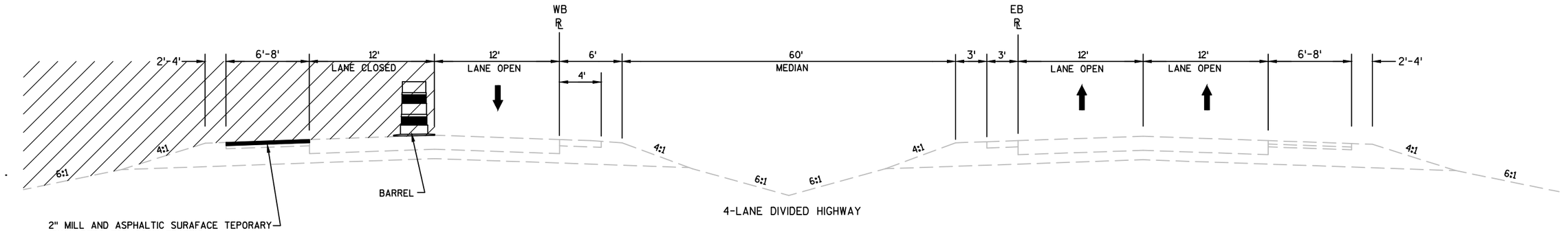
LEGEND

---------- TEMPORARY RAMPS AND CROSSOVERS

N

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B - TEMPORARY SHOULDERS	SHEET 121	E

2



STAGE 1B CONSTRUCTION TYPICAL SECTION

FALL 2018

2" MILL AND ASPHALTIC SURFACE TEMPORARY (SHOULDERS)

STA. 280+00WB-LT TO 286+00WB-LT
STA. 303+50WB-LT TO 305+50WB-LT
STA. 311+00WB-LT TO 313+00WB-LT
STA. 337+00WB-LT TO 342+70WB-LT
STA. 363+50WB-LT TO 365+00WB-LT
STA. 370+00WB-LT TO 373+00WB-LT
STA. 423+50 TO STA. 425+00WB-LT

WORK ZONE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	STAGE 1B CONSTRUCTION TYPICAL SECTION	SHEET 122	E

2

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP, AT SPECIFIC FIELD LOCATIONS. SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET,(500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2 (MOD.) "LANE CLOSED" SIGNS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

YIELD SIGNS AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE MEDIAN LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

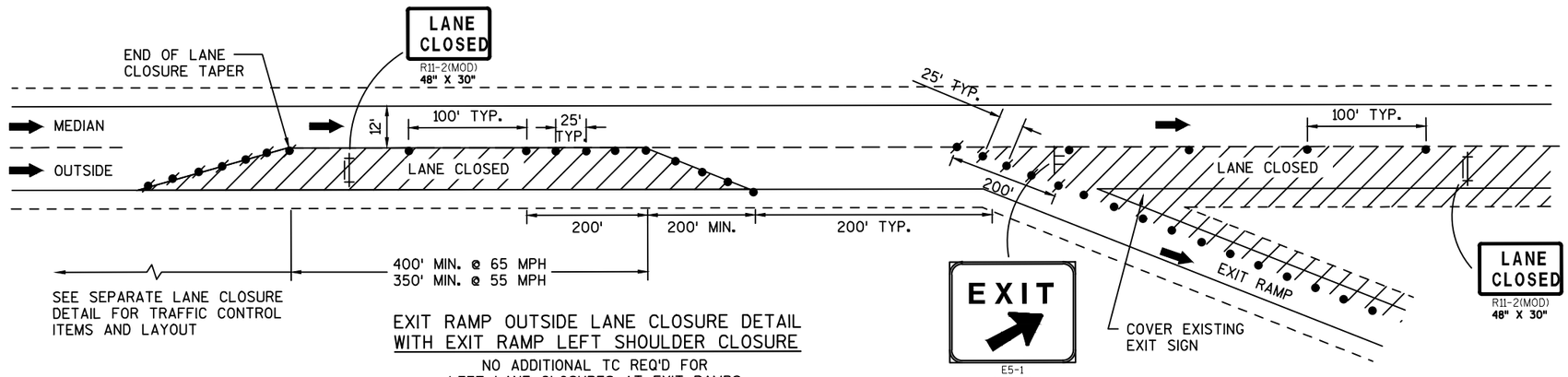
IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGN TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

LEGEND

- POST(S) MOUNTED SIGN
- SIGN ON PORTABLE SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT TYPE C
- TRAFFIC CONTROL BARRICADE TYPE III WITH SIGN
- FLAGS, 16"X16" MIN., ORANGE, INCIDENTAL
- DIRECTION OF TRAFFIC FLOW

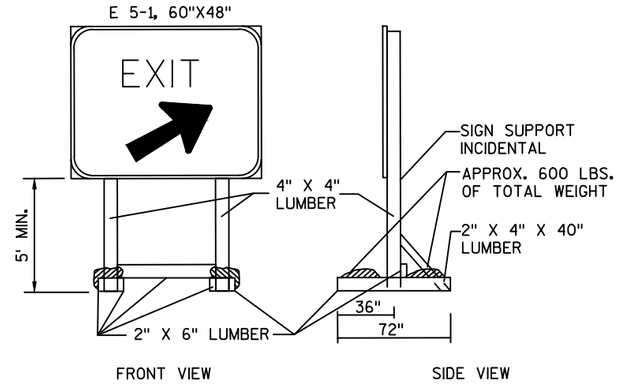


EXIT RAMP OUTSIDE LANE CLOSURE DETAIL WITH EXIT RAMP LEFT SHOULDER CLOSURE

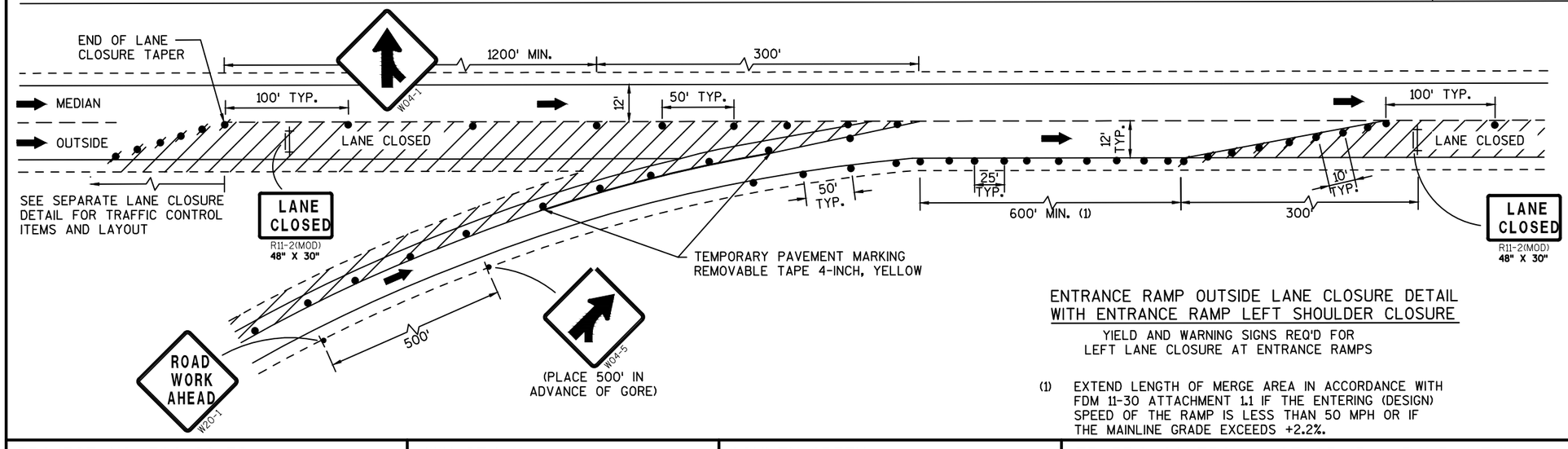
NO ADDITIONAL TC REQ'D FOR LEFT LANE CLOSURES AT EXIT RAMPS

SEE "MOUNTING DETAIL" FOR MOVABLE EXIT SIGN

MOUNTING FOR MOVABLE EXIT SIGN DETAIL



NOTE: ALL LUMBER DIMENSIONS ARE NOMINAL

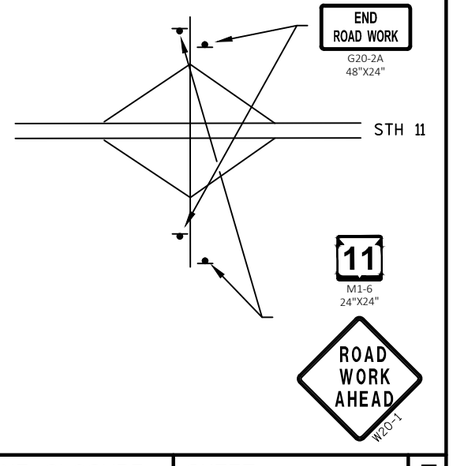


ENTRANCE RAMP OUTSIDE LANE CLOSURE DETAIL WITH ENTRANCE RAMP LEFT SHOULDER CLOSURE

YIELD AND WARNING SIGNS REQ'D FOR LEFT LANE CLOSURE AT ENTRANCE RAMPS

(1) EXTEND LENGTH OF MERGE AREA IN ACCORDANCE WITH FDM 11-30 ATTACHMENT 1.1 IF THE ENTERING (DESIGN) SPEED OF THE RAMP IS LESS THAN 50 MPH OR IF THE MAINLINE GRADE EXCEEDS +2.2%.

ADVANCE WARNING SIGNS AT INTERCHANGES DETAIL



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B - RAMP WITHIN MAINLINE CLOSURE	SHEET 123	E

2

2

END
ROAD WORK
G20-2A
48"X24"

NOTE:
SEE TRAFFIC CONTROL DETAILS FOR STAGE 1B
'RAMP WITHIN MAINLINE CLOSURE'.

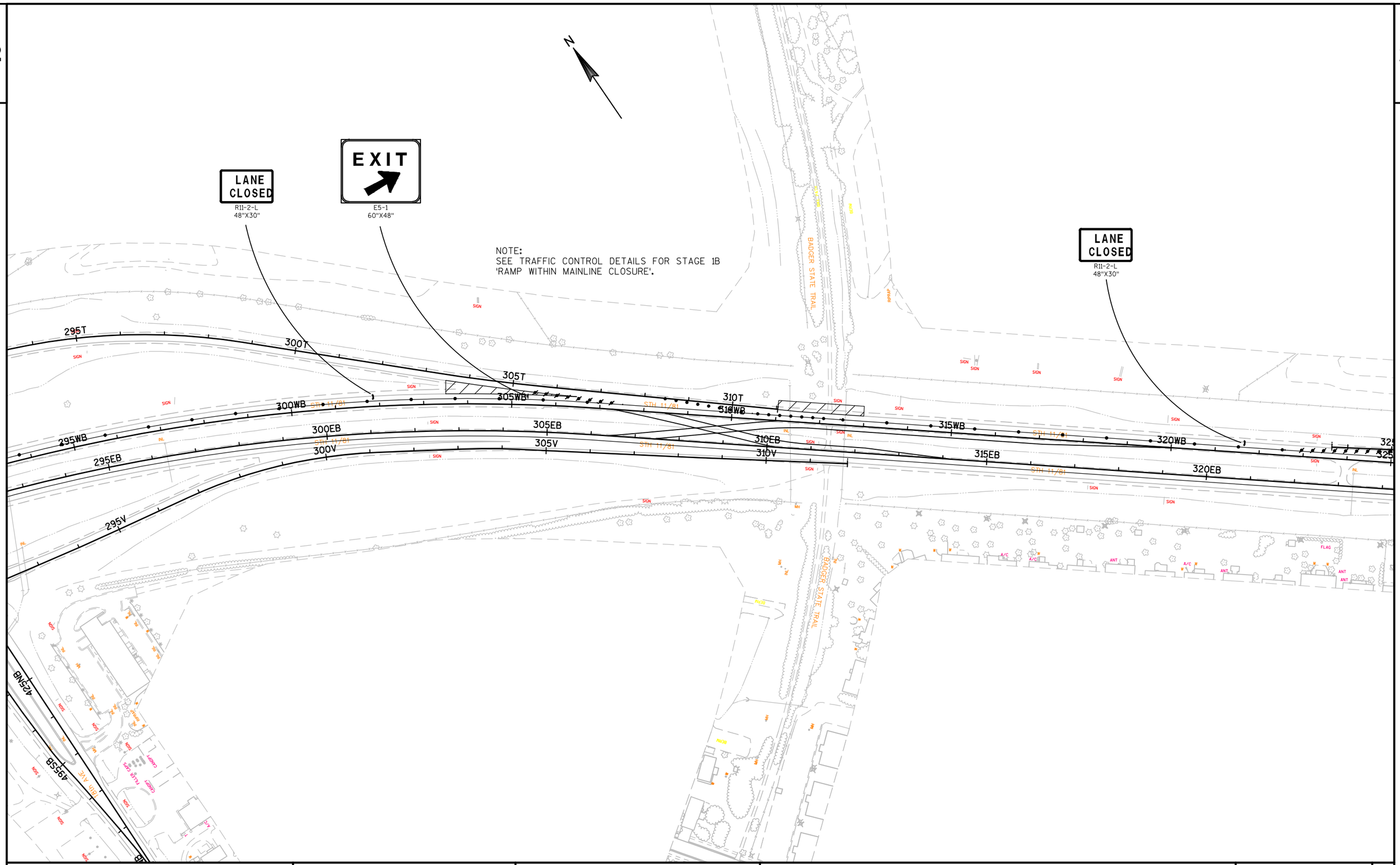
N

500'
100'
TAPER

275S
275WB STH 11/69/81
275EB STH 11/69/81
280S
280WB
280EB
280U
285S
285WB
285EB
285U
290S
290T
290WB
290EB
290U
270WB
270EB
265WB
265EB
STH 11/69/81

510SB
440NB
435NB
505SB
430NB
490SB
425NB
495SB
CTH DR
AEBLY RD
18th AVE
SIGN
INL
RIPRAP
TANKS
FILLER CAPS
CANOPY

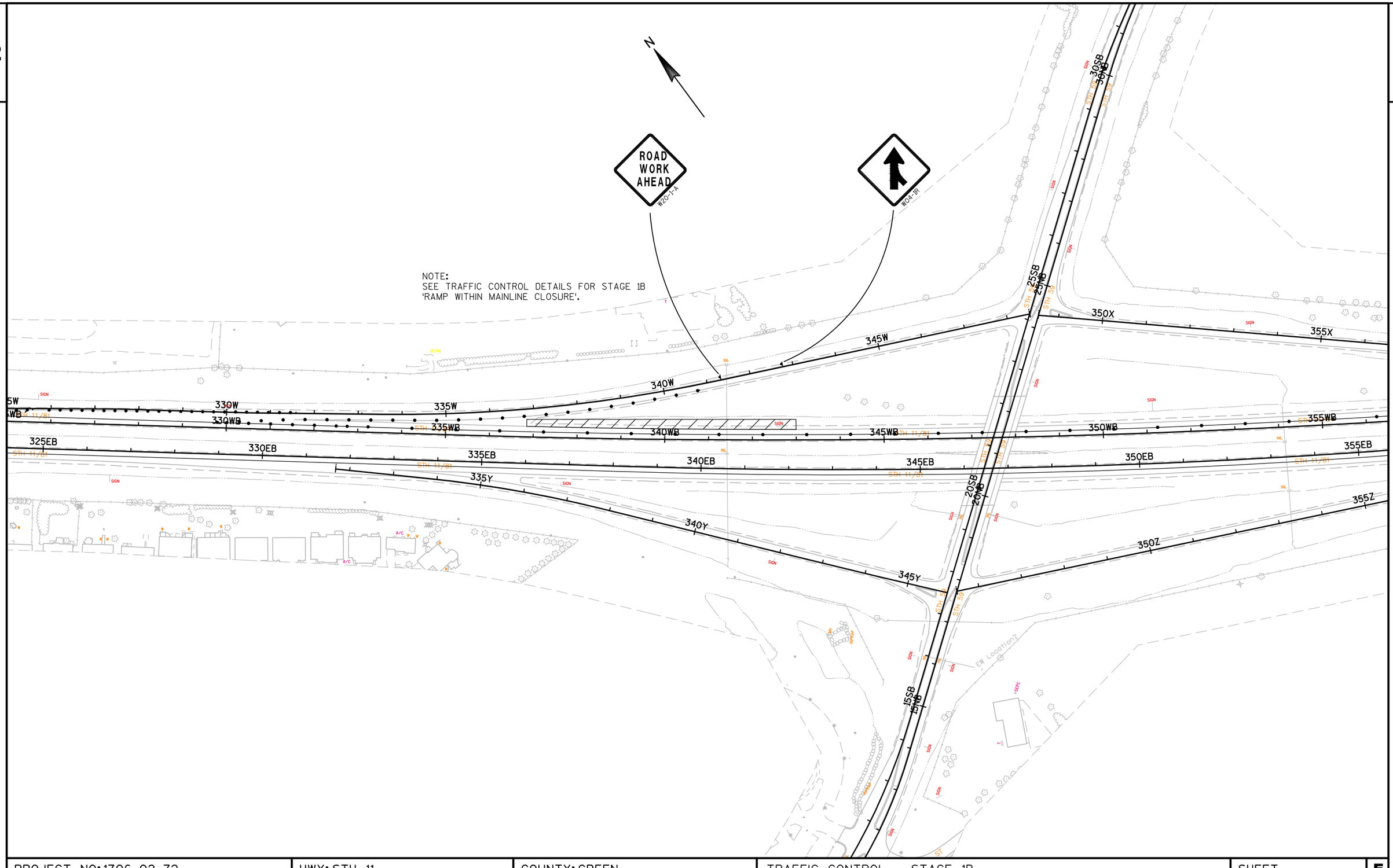
2



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B	SHEET 125	E

2

2



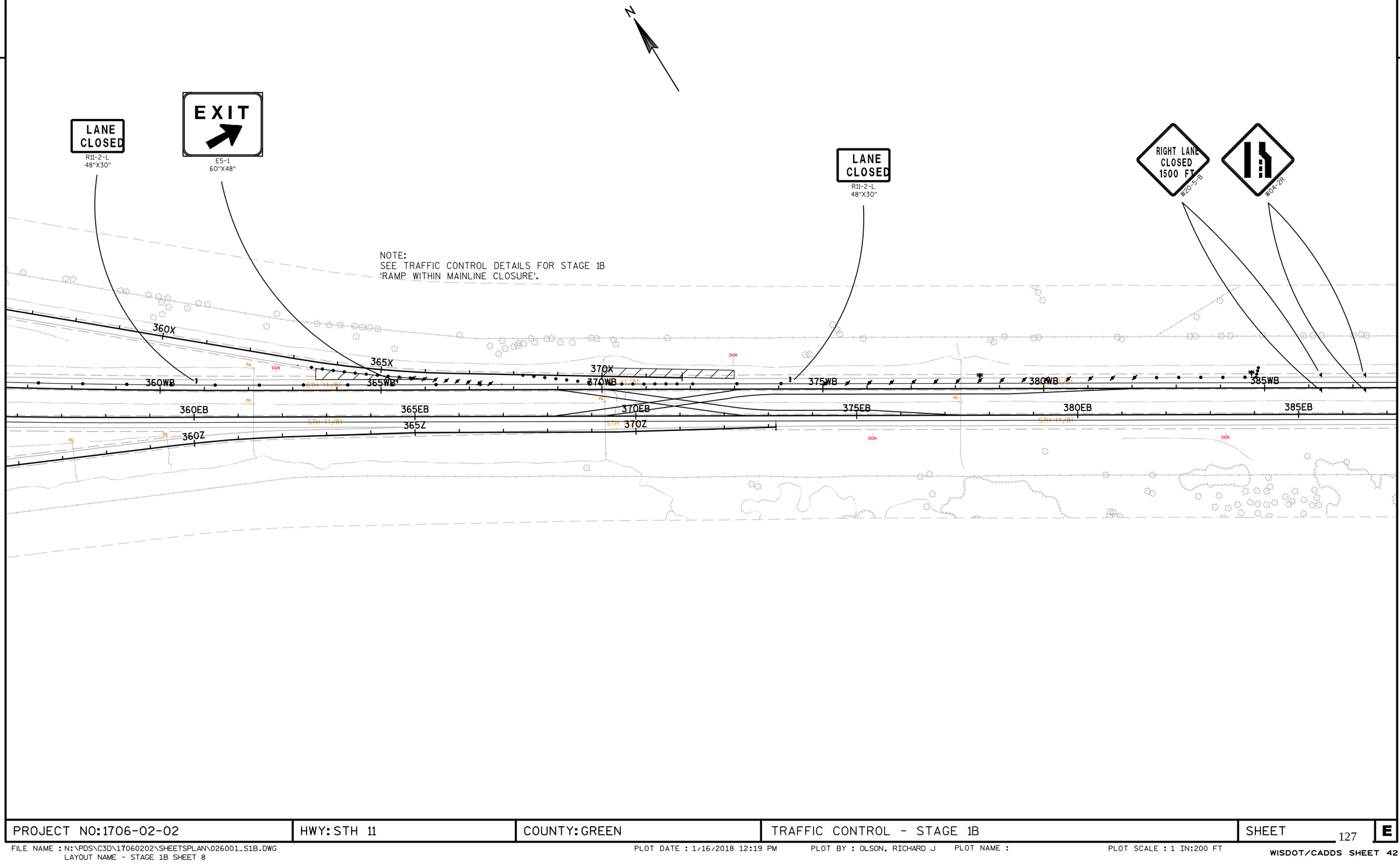
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B	SHEET 126	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1B.DWG
LAYOUT NAME - STAGE 1B SHEET 7

PLOT DATE : 1/16/2018 12:19 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B	SHEET 127	E

2

NOTE:
SEE TRAFFIC CONTROL DETAILS FOR STAGE 1B
'RAMP WITHIN MAINLINE CLOSURE'.

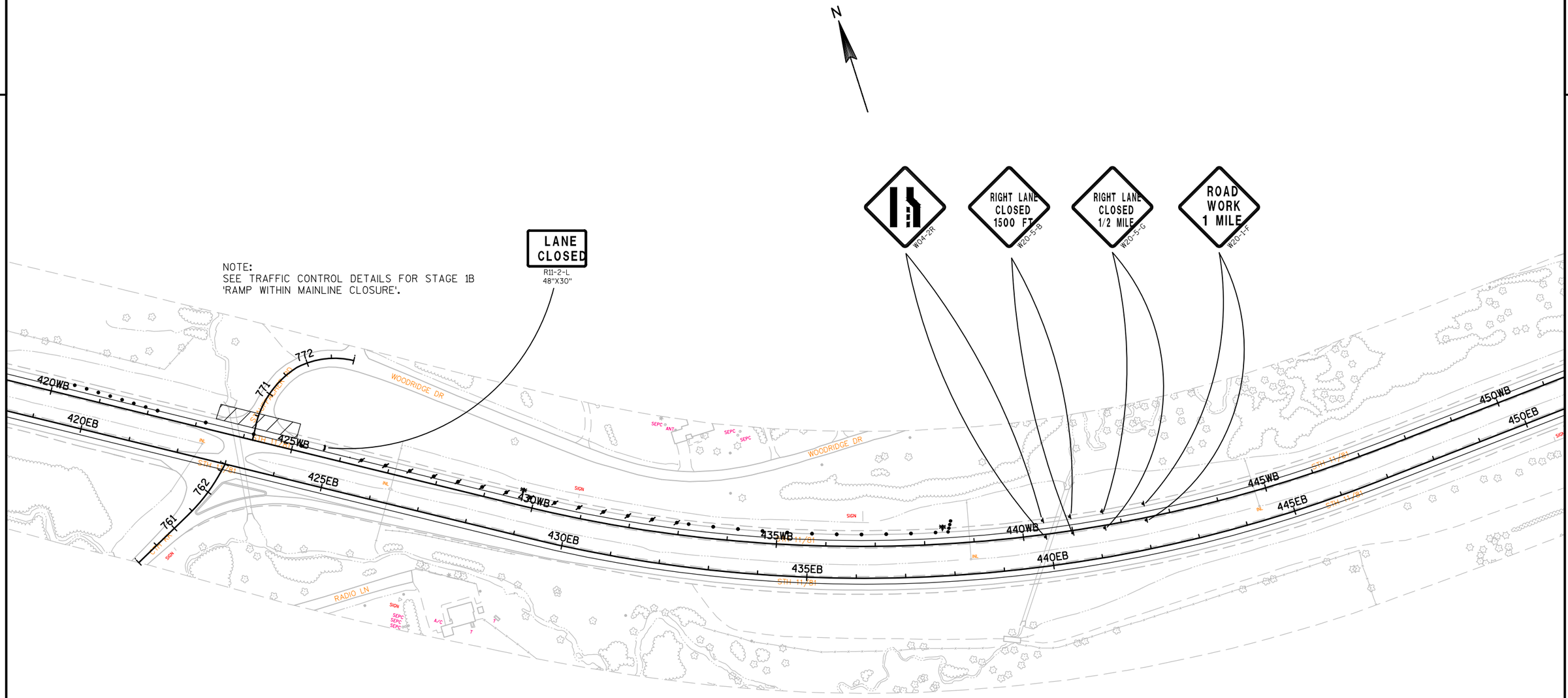
LANE CLOSED
R11-2-L
48"X30"

W04-2R

RIGHT LANE CLOSED 1500 FT
W20-5-8

RIGHT LANE CLOSED 1/2 MILE
W20-5-G

ROAD WORK 1 MILE
W20-1-F

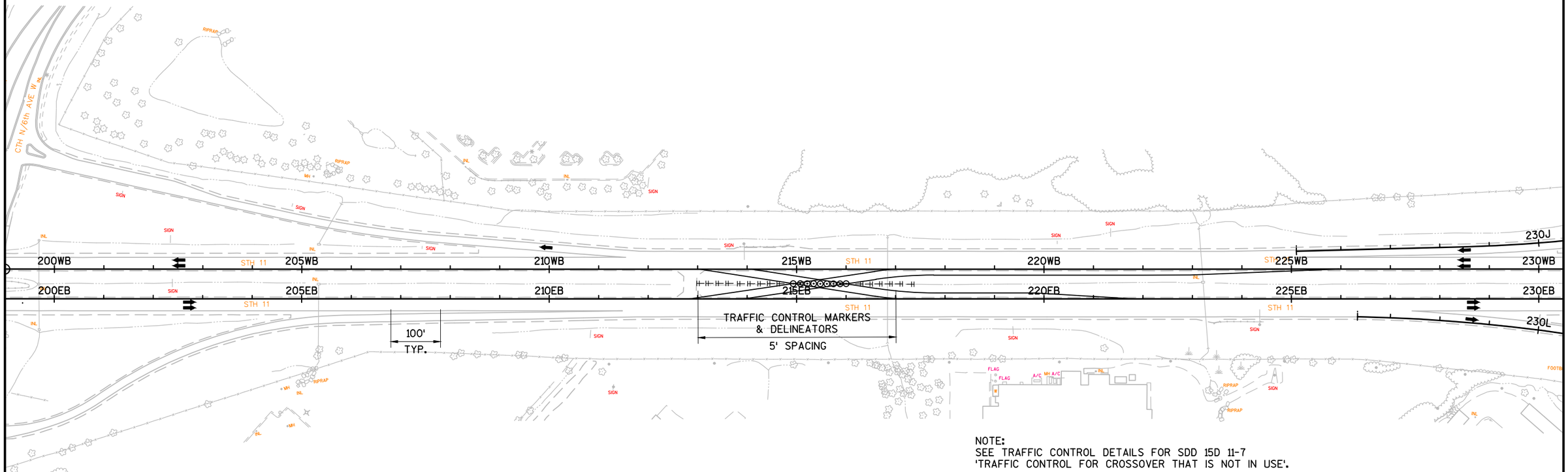


PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 1B	SHEET 128	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1B.DWG
LAYOUT NAME - STAGE 1B SHEET 10

PLOT DATE : 1/16/2018 12:20 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



NOTE:
SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 11-7
'TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE'.

LEGEND

⊙	DELINEATOR FLEXIBLE/ TUBULAR MARKER
⊣⊢	TEMPORARY DELINEATOR (DOUBLE SIDED)
⇕ / ↕	BARRICADE W/WO SIGN
⁎ / •	TRAFFIC CONTROL DRUM W/WO LIGHT
▬	SIGN ON PERMANENT SUPPORT
➡	TRAFFIC DIRECTION
✳	FLASHING ARROW BOARD
▨	WORK ZONE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - WINTER SHUTDOWN	SHEET 129	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1_WINTER.DWG
LAYOUT NAME - WINTER SHUTDOWN SHEET 3
PLOT DATE : 1/16/2018 12:26 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

2

N

265WB
265E
265EB
270WB
270E
270EB
270D
275S
275E
275WB
275EB
275D
280S
280WB
280EB
280U
285S
285WB
285EB
285U
290WB
290E
290EB
290T
290U
510SB
440NB
435NB
505SB
430NB
490SB
425NB
495SB
STH 11/69/81
TRAFFIC CONTROL MARKERS
& DELINEATORS
5' SPACING
100'
TYP.
AEBLY RD
CTH DR
18th AVE
TANKS
RIPRAP
FILLER CAPS
CANOPY

NOTE:
SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 11-7
'TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE'.

LEGEND

- DELINEATOR FLEXIBLE/ TUBULAR MARKER
- TEMPORARY DELINEATOR (DOUBLE SIDED)
- BARRICADE W/WO SIGN
- TRAFFIC CONTROL DRUM W/WO LIGHT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC DIRECTION
- FLASHING ARROW BOARD
- WORK ZONE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - WINTER SHUTDOWN	SHEET 130	E

2

2

295T
300T
305T
310T
295WB
300WB
305WB
310WB
315WB
320WB
295EB
300EB
305EB
310EB
315EB
320EB
295V
300V
305V
310V
STH 11/81
BADGER STATE TRAIL
TRAFFIC CONTROL MARKERS
& DELINEATORS
5' SPACING
N
SIGN
INL
MH
A/C
ANT
FLAG
425NB
495SB
GRAIN AVE

NOTE:
SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 11-7
'TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE'.

LEGEND

- DELINEATOR FLEXIBLE/ TUBULAR MARKER
- TEMPORARY DELINEATOR (DOUBLE SIDED)
- BARRICADE W/WO SIGN
- TRAFFIC CONTROL DRUM W/WO LIGHT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC DIRECTION
- FLASHING ARROW BOARD
- WORK ZONE

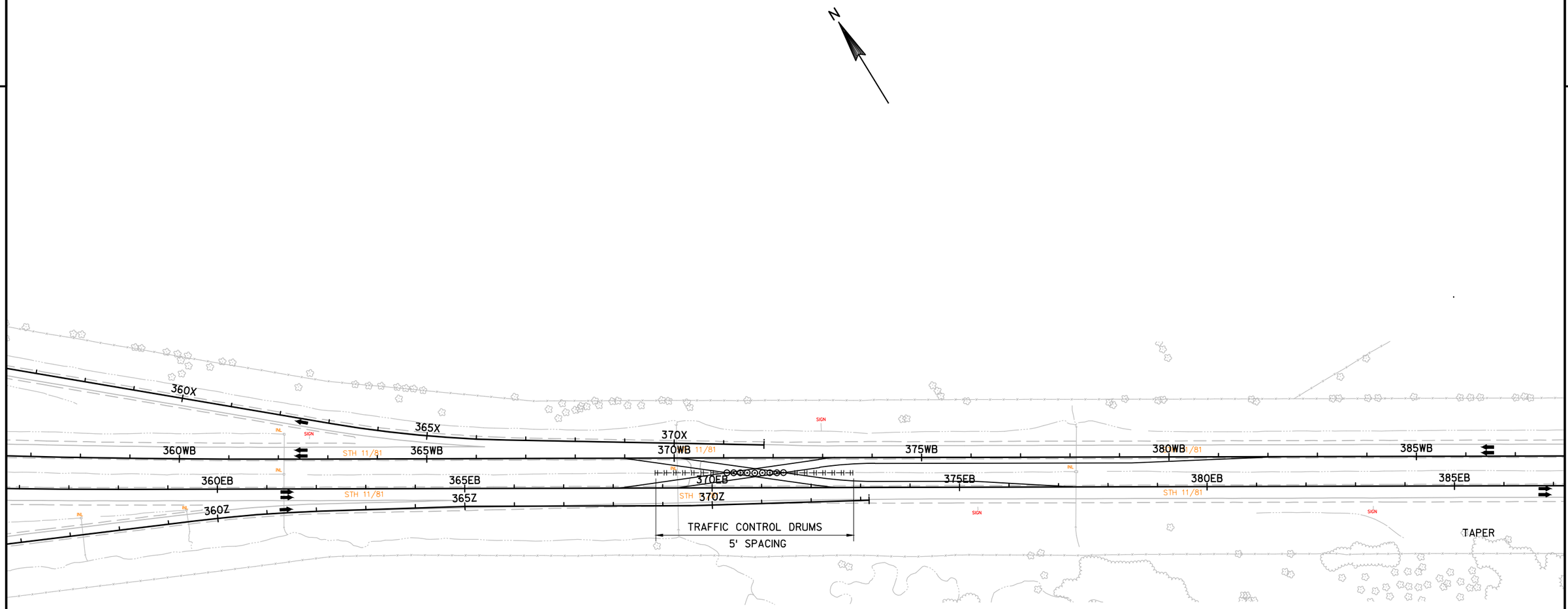
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - WINTER SHUTDOWN	SHEET 131	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1_WINTER.DWG
LAYOUT NAME - WINTER SHUTDOWN SHEET 6

PLOT DATE : 1/16/2018 12:27 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



NOTE:
SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 11-7
'TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE'.

LEGEND

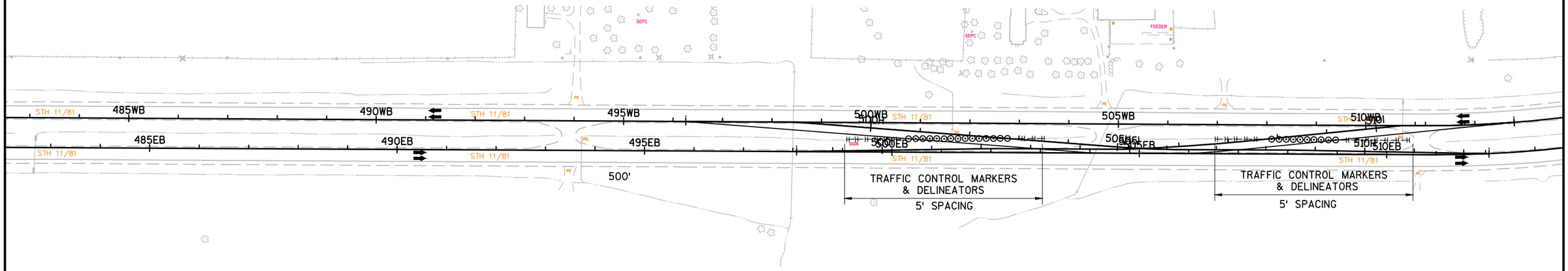
⊙	DELINEATOR FLEXIBLE/ TUBULAR MARKER
⊣	TEMPORARY DELINEATOR (DOUBLE SIDED)
⇕ / ↕	BARRICADE W/WO SIGN
⬋ / •	TRAFFIC CONTROL DRUM W/WO LIGHT
▮	SIGN ON PERMANENT SUPPORT
➡	TRAFFIC DIRECTION
✳	FLASHING ARROW BOARD
▨	WORK ZONE

PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - WINTER SHUTDOWN	SHEET 132	E

2

2

N



NOTE:
SEE TRAFFIC CONTROL DETAILS FOR SDD 15D 11-7
'TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE'.

LEGEND

⊙	DELINEATOR FLEXIBLE/ TUBULAR MARKER
⊣	TEMPORARY DELINEATOR (DOUBLE SIDED)
⇕ / ↕	BARRICADE W/WO SIGN
⬞ / •	TRAFFIC CONTROL DRUM W/WO LIGHT
▮	SIGN ON PERMANENT SUPPORT
➡	TRAFFIC DIRECTION
⇶	FLASHING ARROW BOARD
▨	WORK ZONE

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - WINTER SHUTDOWN	SHEET 133	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S1_WINTER.DWG
LAYOUT NAME - WINTER SHUTDOWN SHEET 12
PLOT DATE : 1/16/2018 12:27 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

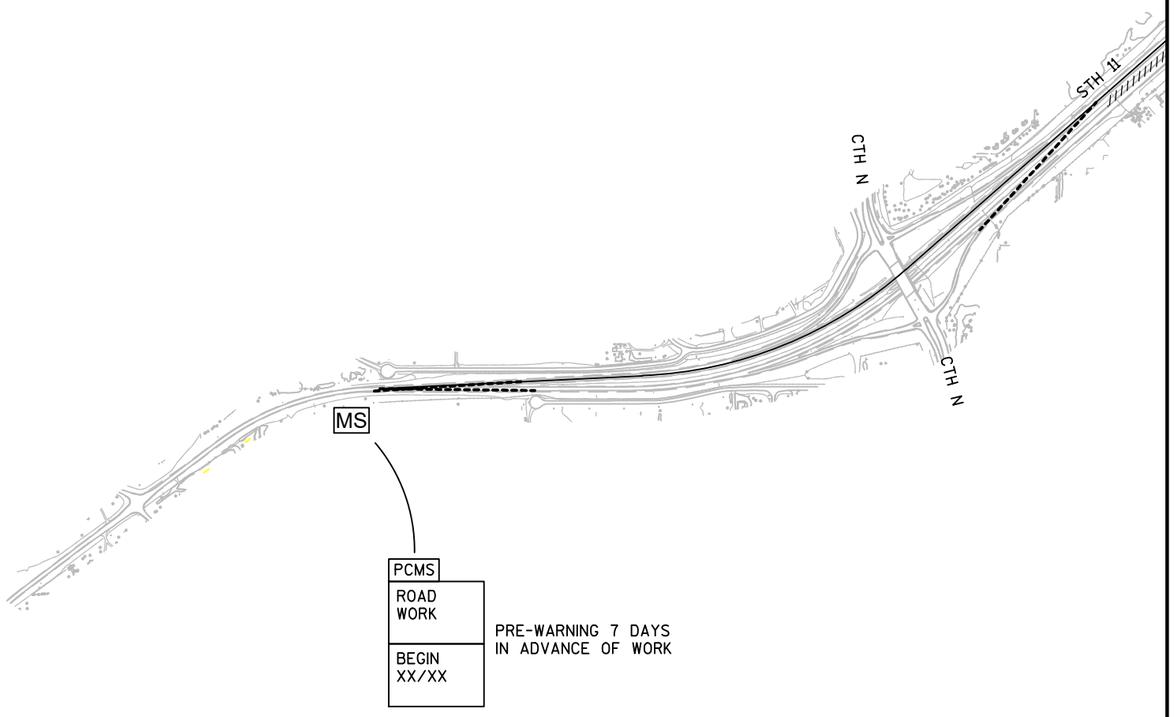
2

2

LEGEND

———	TWO LANE TWO WAY TRAFFIC
- - - - - - - - - - -	TEMPORARY RAMPS AND CROSSOVERS
//////////////	CLOSED FOR CONSTRUCTION
℄	TYPE III BARICADE WITH SIGN
MS	TYPE III BARICADE WITH SIGN

NOTE: REFER TO THE MOST RECENT SDD NUMBER OF THE STANDARD DETAIL DRAWINGS TITLE



MOVE TRAFFIC TO WESTBOUND STH 11 AND CONSTRUCT EASTBOUND STH 11
S.D.D. 15D 12-6a, 'TRAFFIC CONTROL, LANE CLOSURE'
S.D.D. 15D 6-3 'TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION'.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A - CONSTRUCT EB STH 11	SHEET 134	E

2

2

LEGEND

- TWO LANE TWO WAY TRAFFIC
- TEMPORARY RAMPS AND CROSSOVERS
- CLOSED FOR CONSTRUCTION
- TYPE III BARICADE WITH SIGN
- MS TYPE III BARICADE WITH SIGN

N

CTH N

NW Quadrant?

STH 81

STH 11/81

B-23-35

B-23-36

B-23-33

CONSTRUCT B-23-36 EPOXY OVERLAY AND B-23-36 AND B-23-35 ABUTMENT REPAIRS

CLOSE AND DETOUR THE BADGER STATE TRAIL DURING EASTBOUND STH 11 CONSTRUCTION.
DETOUR TRAIL TO CTH DR AND STH 69/18TH AVE.

PCMS
RAMP CLOSED
BEGIN XX/XX

PRE-WARNING 7 DAYS IN ADVANCE OF WORK

MS

STH 69

18TH AVE.

BADGER STATE TRAIL

CONSTRUCT STH 81/STH 69 EB INTERCHANGE ON/OFF RAMPS
CLOSE AND DETOUR TRAFFIC TO CTH N/6TH AVE W.

PCMS
ROAD CLOSED
BEGIN XX/XX

PRE-WARNING 7 DAYS IN ADVANCE OF WORK

ROAD CLOSED
R11-2
48"X30"

ROAD LOSED AHEAD
W20-3A

ROAD LOSED 500 FT
W20-3D

STH 59

B-23-37

6TH STREET

STH 11/81

CONSTRUCT STH 59/6TH ST EB INTERCHANGE ON/OFF RAMPS
CONSTRUCT B-23-37 EPOXY OVERLAY, CONCRETE APPROACHES, AND BRIDGE REPAIRS
CLOSE AND DETOUR TRAFFIC TO STH 69/18TH AVE. AND CTH DR

MOVE TRAFFIC TO WESTBOUND STH 11 AND CONSTRUCT EASTBOUND STH 11
S.D.D. 15 D 12-6a, 'TRAFFIC CONTROL, LANE CLOSURE'
S.D.D. 15D 6-3 'TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION'.

SEE S.D.D. 15C 3-3 'BARRICADES AND SIGNS FOR SIDEROAD CLOSURES' FOR INTERSECTION CLOSURE DETAILS

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A - CONSTRUCT EB STH 11	SHEET 135	E

2

LEGEND

- TWO LANE TWO WAY TRAFFIC
- TEMPORARY RAMPS AND CROSSOVERS
- CLOSED FOR CONSTRUCTION
- TYPE III BARICADE WITH SIGN
- MS — TYPE III BARICADE WITH SIGN

N

STH 11/81

STAUFFACHER RD. INTERSECTION
RIGHT IN/OUT ONLY
USE 5' SPACING FOR TUBULAR MARKERS AT CENTERLINE
NO STRAIGHT THROUGH

R6-2R 24"X30" ONE WAY R3-2 24"X24"

STAFFACHER RD

RICHLAND RD. (NORTH) INTERSECTION
RIGHT IN/OUT ONLY
USE 5' SPACING FOR TUBULAR MARKERS AT CENTERLINE
NO STRAIGHT THROUGH

R6-2R 24"X30" ONE WAY R3-2 24"X24"

RICHLAND RD (N)

R6-2R 24"X30" ONE WAY R3-2 24"X24"

ROAD CLOSED R11-2 48"X30"

HILTBRAND LN.

HILTBRAND LN INTERSECTION
MAINTAIN ROAD ACCESS
RIGHT IN/OUT ONLY

W4234 TO W4152
MAINTAIN DRIVEWAY ACCESS AT CROSSOVER

PRE-WARNING 7 DAYS
IN ADVANCE OF WORK

PCMS
ROAD WORK
BEGIN XX/XX

MS

STH 11/81

ROAD LOWERED 500 FT W20-3D

ROAD LOWERED AHEAD W20-3A

CTH KK

MS

PCMS
ROAD CLOSED
BEGIN XX/XX

PRE-WARNING 7 DAYS
IN ADVANCE OF WORK

CONSTRUCT CTH KK INTERSECTION
CTH KK CLOSED TO TRAFFIC

ROAD CLOSED R11-2 48"X30"

CONSTRUCT RICHLAND RD (SOUTH) INTERSECTION
RICHLAND RD (SOUTH) CLOSED TO TRAFFIC

RICHLAND RD (S)

ROAD LOWERED 500 FT W20-3D

ROAD LOWERED AHEAD W20-3A

MS

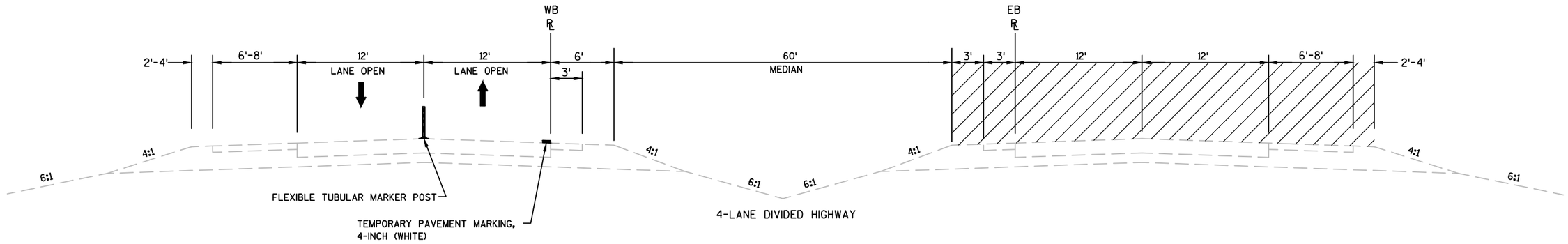
PCMS
ROAD CLOSED
BEGIN XX/XX

PRE-WARNING 7 DAYS
IN ADVANCE OF WORK

MOVE TRAFFIC TO WESTBOUND STH 11 AND CONSTRUCT EASTBOUND STH 11
S.D.D. 15 D 12-6a, 'TRAFFIC CONTROL, LANE CLOSURE'
S.D.D. 15D 6-3 'TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION'.

SEE S.D.D. 15C 3-3 'BARRICADES AND SIGNS FOR SIDEROAD CLOSURES'
FOR INTERSECTION CLOSURE DETAILS

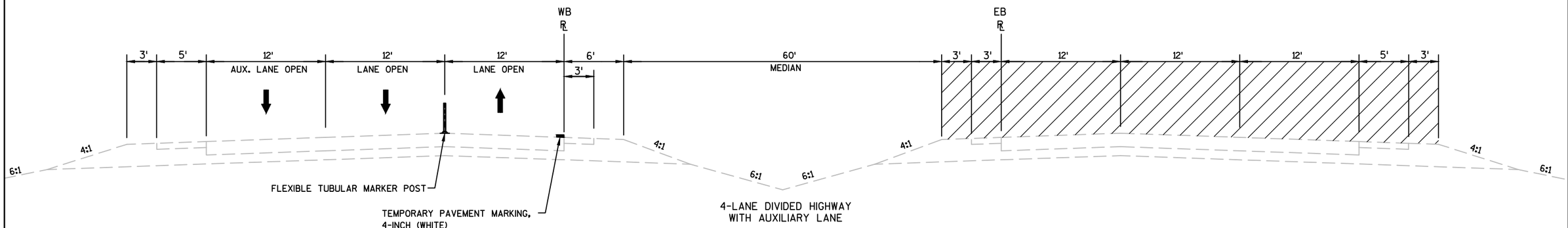
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A - CONSTRUCT EB STH 11	SHEET 136	E



STAGE 2 CONSTRUCTION TYPICAL SECTION

EASTBOUND CONSTRUCTION 2019
STA. 209+31.71EB TO STA. 211+50EB
STA. 226+30EB TO STA. 262+15EB
STA. 275+20EB TO STA. 497+76.07EB

WORK ZONE



STAGE 2 CONSTRUCTION TYPICAL SECTION

EASTBOUND CONSTRUCTION 2019
STA. 211+50EB TO STA. 226+30EB
STA. 262+15EB TO STA. 275+20EB

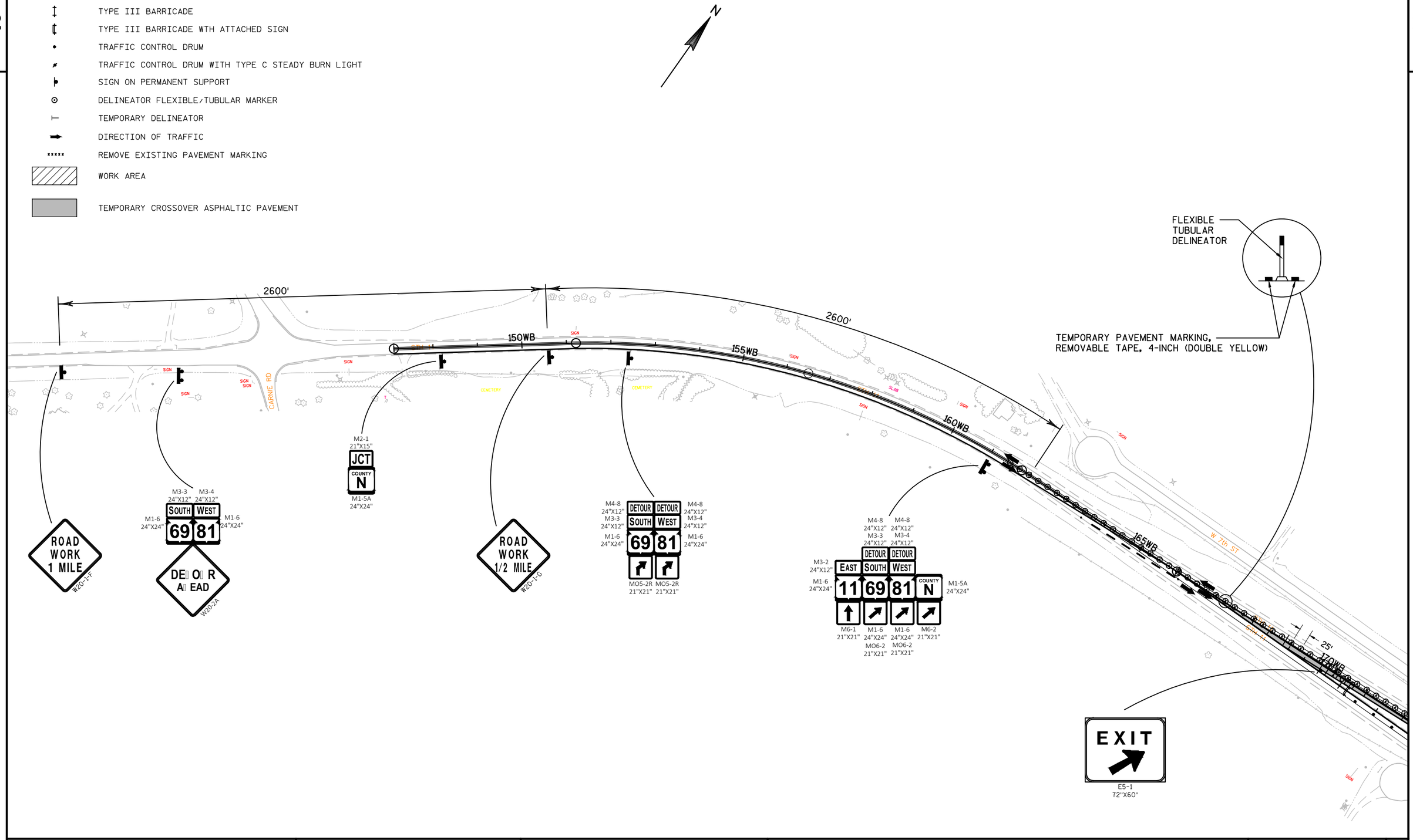
WORK ZONE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	STAGE 2 CONSTRUCTION TYPICAL SECTION	SHEET 137	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 138	E

2

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH DOUBLE YELLOW

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

W06-3
NEXT 6 MILES
W057-51
48"X24"

NOTE:
SEE TRAFFIC CONTROL DETAILS FOR 'RAMP WITHIN MAINLINE CLOSURE'.

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH DOUBLE YELLOW

TEMPORARY PAVEMENT MARKING REMOVEABLE TAPE, 4-INCH WHITE

TEMPORARY PAVEMENT MARKING REMOVEABLE TAPE, 4-INCH YELLOW

25'
50'
50'
25'

170WB
175WB
175EB
180WB
180EB
185WB
185EB
190WB
190EB
195WB
195EB

W 7th ST
W 8th ST
STH 11
CTH N/6th AVE W

WO1-6
48"X24"
TYPE III BARRICADE

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
DETOUR WEST 81
MO6-1 21"X21"

G20-2A
48"X24"
END ROAD WORK

M4-8 24"X12"
M3-4 24"X12"
M1-6 24"X24"
DETOUR WEST | DETOUR SOUTH
81 | 69
MO5-1L 21"X21"
MO5-1R 21"X21"

M4-8 24"X12"
M3-3 24"X12"
M1-6 24"X24"
DETOUR SOUTH 69
MO6-1 21"X21"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 139	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2A.DWG
LAYOUT NAME - STAGE 2A SHEET 2
PLOT DATE : 1/16/2018 12:33 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH DOUBLE YELLOW

CTH N/6th AVE W

RIPRAP

INL

SIGN

50' TYP.

25' TYP.

200WB 205WB 210WB 215WB 220WB 225WB 230WB

200EB 205EB 210EB 215EB 220EB 225EB 230EB

STH 11

230J

W04-1R

W06-3
NEXT 5 MILES
W057-51
48"X24"

W03-2

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

YIELD
R1-2
48"X42"

M4-8A 24"X18"
END DETOUR
M3-2 24"X12"
EAST NORTH EAST
11 69 81
M1-6 24"X24"
M3-1 24"X12"
M1-6 24"X24"
M1-6 24"X24"

SPEED LIMIT 55
R2-1
24"X30"

FLAG

A/C

MH

FOOTB

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- ***** REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 140	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2A.DWG
LAYOUT NAME - STAGE 2A SHEET 3

PLOT DATE : 1/16/2018 12:33 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

EAST SOUTH EAST 11 69 11

EAST NORTH EAST 11 69 81

RAMP CLOSED 500 FT W20-53D

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

R11-2 48" X 30" RAMP CLOSED TYPE III BARRICADE

180BW 180BE 175BW 175BE 165BW 165BE

STH 81 STH 69 CTH M

245J 240J 235J 250K 255K 260K

235WB 240WB 245WB 250WB 255WB 260WB

235EB 240EB 245EB 250EB 255EB 260EB

235L 240L 245M 250M 255M

Storm Sewer Routing

OLD ARGYLE RD CLARKEN RD

25' (TYP.)

R3-2 24"X24"

R3-1 24"X24"

M3-2 24"X12" EAST M1-6 24"X24" 59

DETOUR EAST NORTH 59 69 H

M4-8 24"X12" M3-2 24"X12" M3-1 24"X12" M1-6 24"X24" D9-2 24"X24"

MO5-2R 21"X21" M1-6 24"X24" M5-2R 21"X21" MB5-2R 21"X21"

THESE 2 SIGNS ARE TO BE BLUE

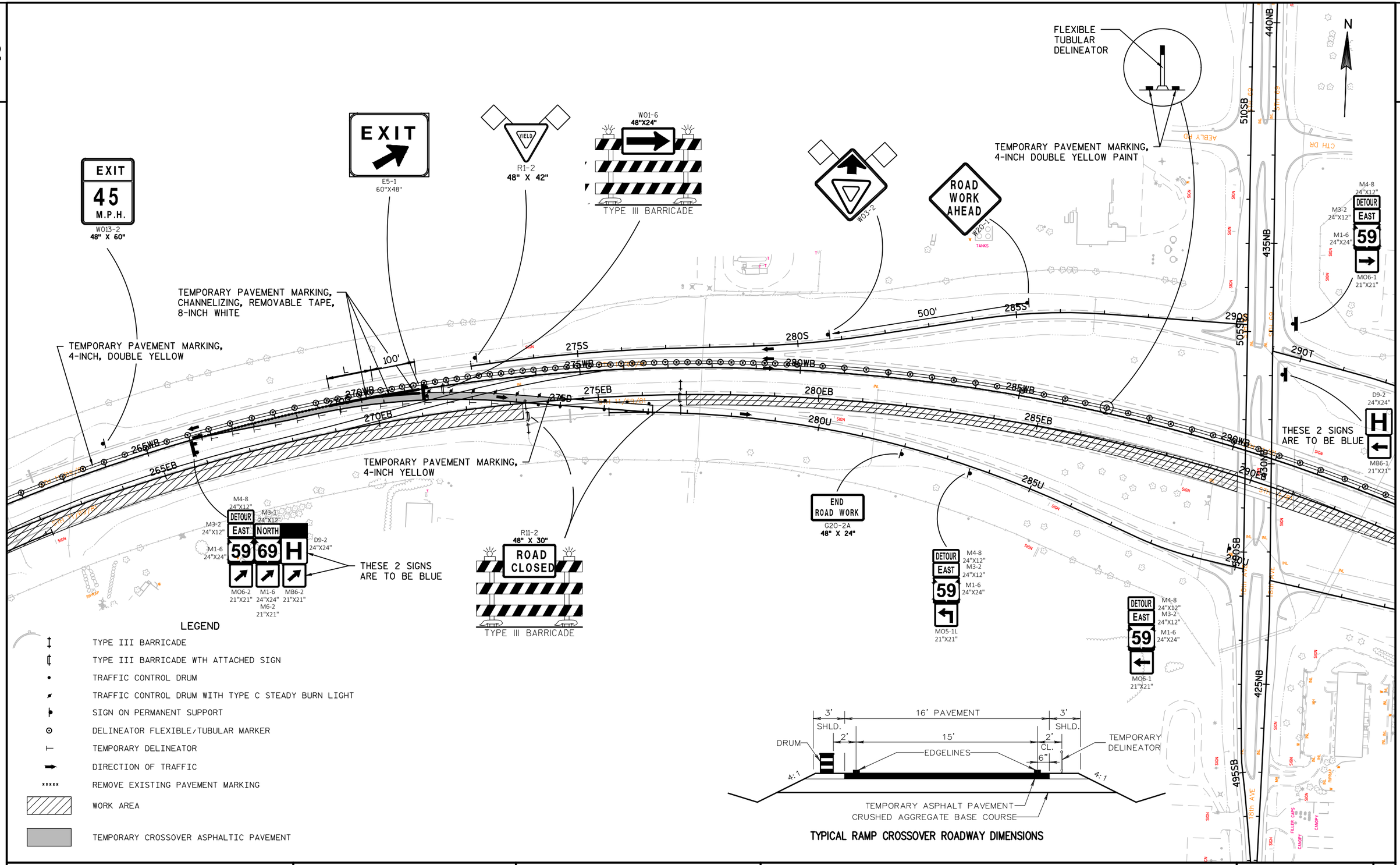
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 141	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2A.DWG
LAYOUT NAME - STAGE 2A SHEET 4

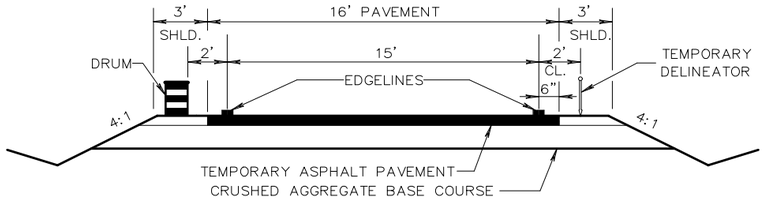
PLOT DATE : 1/16/2018 12:33 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT



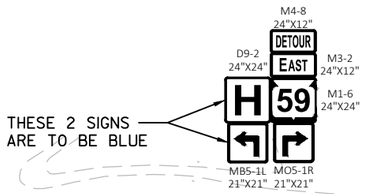
LEGEND

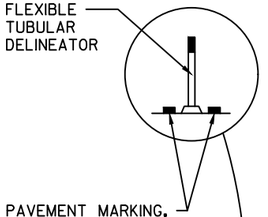
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 142	E

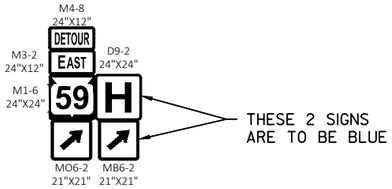


TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS





TEMPORARY PAVEMENT MARKING,
4-INCH DOUBLE YELLOW PAINT



TEMPORARY PAVEMENT MARKING,
4-INCH YELLOW

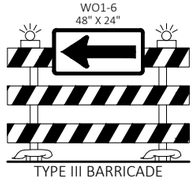
TEMPORARY PAVEMENT MARKING, CHANNELIZING
REMOVABLE TAPE, 8-INCH WHITE

TEMPORARY PAVEMENT MARKING,
4-INCH DOUBLE YELLOW PAINT

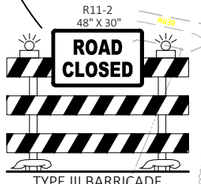
TEMPORARY PAVEMENT MARKING,
4-INCH WHITE

TEMPORARY PAVEMENT MARKING,
4-INCH WHITE

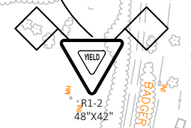
PLACE 750' IN ADVANCE
OF YIELD SIGN

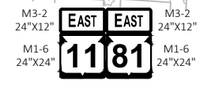


TYPE III BARRICADE



TYPE III BARRICADE





LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 143	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

ROAD LO ED 1000 FT
W20-3C

ROAD LO ED 500 FT
W20-3D

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE
LOCATE AT WEISS LN INTERSECTION

TEMPORARY PAVEMENT MARKING 4-INCH WHITE

M4-8 24"X12" DETOUR
M3-2 24"X12" EAST
D9-2 24"X24"
M1-6 24"X24" 59 H
MO5-2R 21"X21"
MB5-2R 21"X21"

THESE 2 SIGNS ARE TO BE BLUE

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

EW Location?

325EB 330EB 335EB 340EB 345EB 350EB 355EB
330W 335W 340W 345W 350X 355X
330WB 335WB 340WB 345WB 350WB 355WB
335Y 340Y 345Y 355Z 359Z
355SB 359SB

2

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 144	E

2

N

59
M□ □ r□ □
A□ □ □ □
□ LO□ ED
G20-61
120"X30"

EXIT

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

M4-8
24"X12"
DETOUR
M3-2 24"X12"
EAST
D9-2 24"X24"
M1-6 24"X24"
59
H
MO6-1 21"X21"
MB6-1 21"X21"
THESE 2 SIGNS ARE TO BE BLUE

M4-8
24"X12"
DETOUR
M3-2 24"X12"
EAST
D9-2 24"X24"
M1-6 24"X24"
59
H
MO6-1 21"X21"
MB6-1 21"X21"
THESE 2 SIGNS ARE TO BE BLUE

360X
365X
370X
360WB
365WB
370WB
375WB
380WB
385WB
50'
360EB
365EB
370EB
375EB
380EB
385EB
360Z
365Z
370Z
5' SPACING
TEMPORARY PAVEMENT MARKING
4-INCH WHITE

RAMP
LO□ ED
1000 FT
W20-53C

FLEXIBLE
TUBULAR
DELINEATOR

TEMPORARY PAVEMENT MARKING,
4-INCH DOUBLE YELLOW PAINT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 145	E

2

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

M3-2 24"X12"
EAST
M1-6 24"X24"
59
DE O R
A EAD
W20-2A

59
M r
A
E LO ED
G20-60
108"X24"

50'

390WB 395WB 400WB 405WB 410WB 415WB

390EB 395EB 400EB 405EB 410EB 415EB

TEMPORARY PAVEMENT MARKING
4-INCH WHITE

RAM
LO ED
A EAD
W20-3A

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 146	E

2

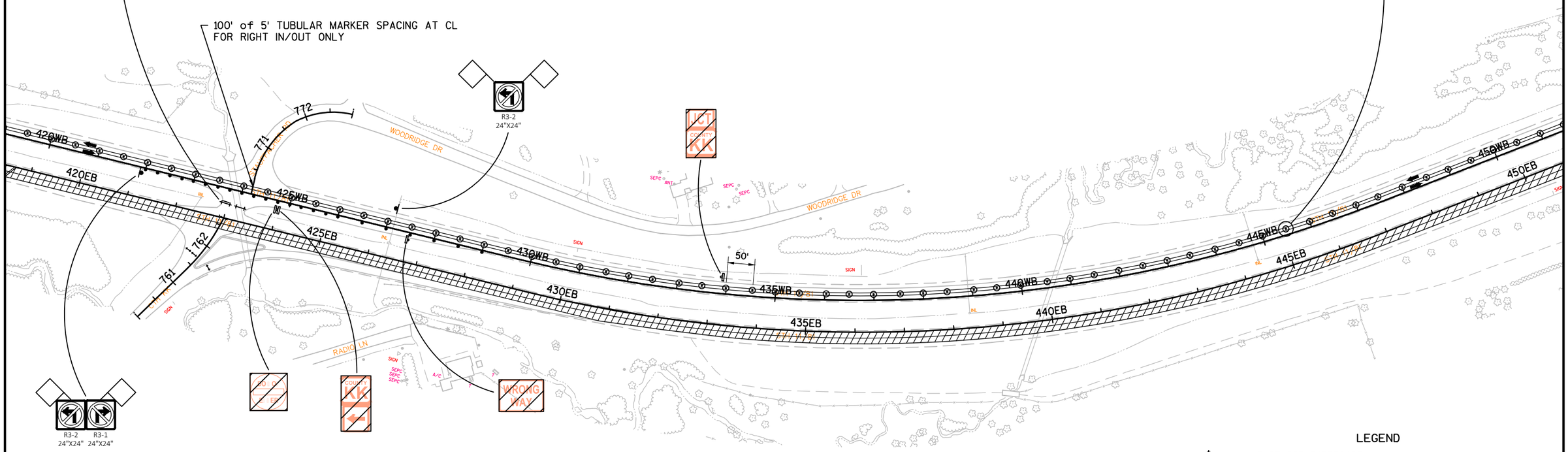
R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

100' of 5' TUBULAR MARKER SPACING AT CL
FOR RIGHT IN/OUT ONLY

R3-2
24"X24"

FLEXIBLE
TUBULAR
DELINEATOR

TEMPORARY PAVEMENT MARKING,
4-INCH DOUBLE YELLOW PAINT



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 147	E

2

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

R3-2
24"X24"

R3-2
24"X24"

STAUFFACHER RD

784

785

782

781

794

793

50'

455WB

460WB

465WB

470WB

475WB

480WB

455EB

460EB

465EB

470EB

475EB

480EB

SIGN

SIGN

R3-2
24"X24"

R3-1
24"X24"

WRONG WAY

R3-2
24"X24"

R3-1
24"X24"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 148	E

2

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

WO1-6 48"X24"

TYPE III BARRICADE

WO1-4L

45 MPH

WO13-1 24"X24"

TEMPORARY PAVEMENT MARKING 4-INCH DOUBLE YELLOW PAINT

50' TYP.

25' SPACING

25' TYP.

PAINT TAPE

5' SPACING

485WB 490WB 495WB 500WB 505WB 510WB

485EB 490EB 495EB 500EB 505EB 510EB

STH 11/81

R11-2 48" X 30"

ROAD CLOSED

TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 149	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2A.DWG
LAYOUT NAME - STAGE 2A SHEET 12

PLOT DATE : 1/18/2018 3:44 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

N

515WB

515EB

520WB

520EB

STH 11/81

INL

SIGN

500'

700'

350'

50'

500'

25'

50' TYP.

SHORT RD.

1000'

1600'

500'

2600'

REMOVE PAVEMENT MARKING

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 4-INCH EDGELINE

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

W04-2L

LEFT LANE CLOSED 1500 FT
W20-55-B

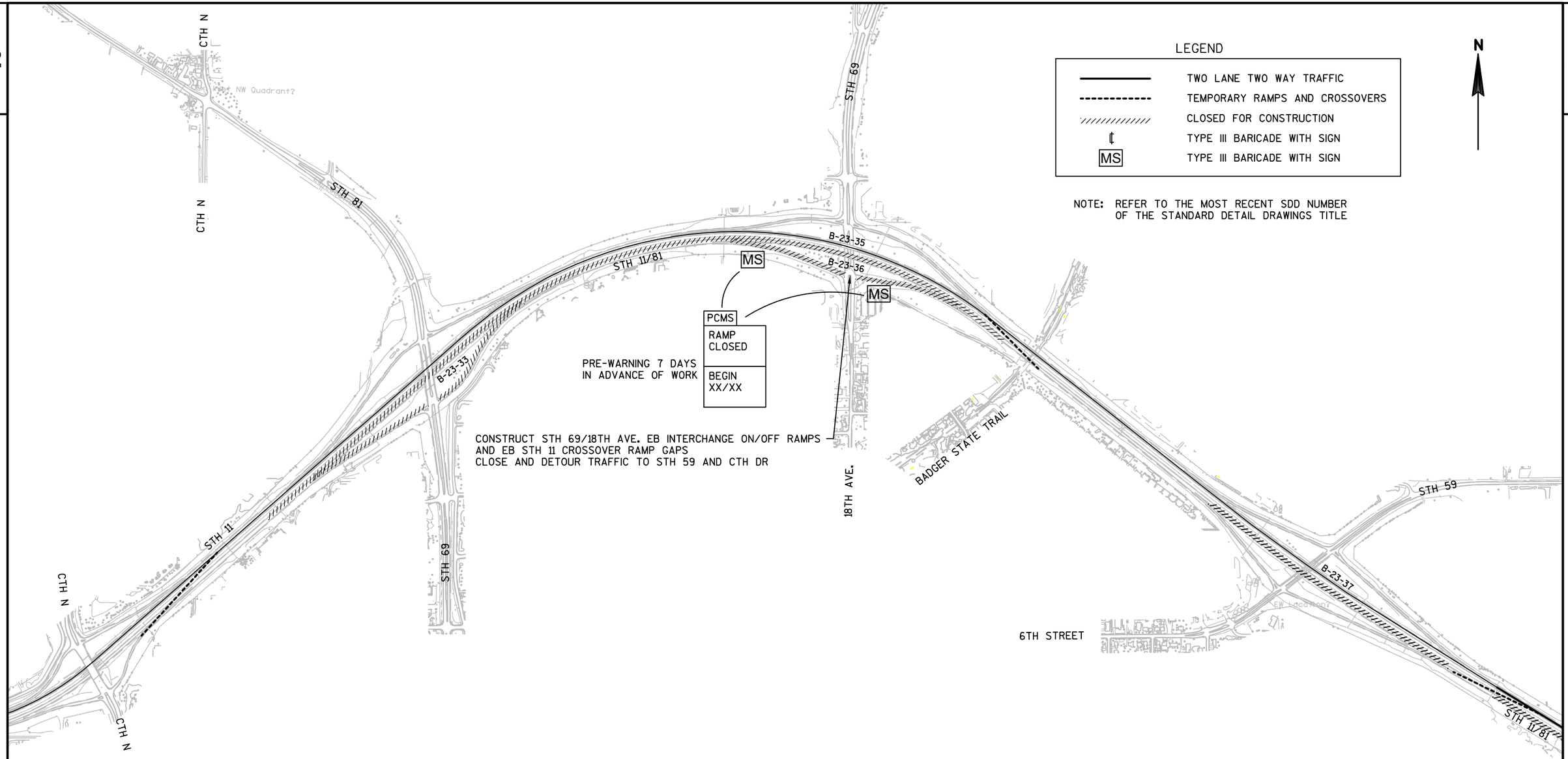
LEFT LANE CLOSED 1/2 MILE
W20-55-C

ROAD WORK 1 MILE
W20-1-F

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2A	SHEET 150	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2A.DWG
LAYOUT NAME - STAGE 2A SHEET 13
PLOT DATE : 1/16/2018 12:34 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2



2

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2B - CONSTRUCT EB STH 11	SHEET 151	E

2

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

SEE STAGE 2A

EAST SOUTH EAST 11 69 11

EAST NORTH EAST 11 69 61

RAM LO ED 500 FT

RAM LO ED A EAD W20-53A

RAM LO ED 1000 FT W20-53C

ROAD WORK AHEAD

END ROAD WORK

ROAD CLOSED TYPE III BARRICADE

180BW 180BE 175BW 175BE 165BW 165BE

STH 81 STH 69

235J 240J 245J 250K 255K

235WB 240WB 245WB 250WB 255WB 260WB

235EB 240EB 245EB 250EB 255EB 260EB

235L 240L 245M 250M 255M 260M

R3-2 24"X24"

M3-1 24"X12" NORTH 69 M1-6 24"X24"

EAST 59 REMOVE

DE O R A EAD

M4-8 24"X12" DETOUR M3-1 24"X12" NORTH 69 H M1-6 24"X24" MO6-1 21"X21" D9-2 24"X24" MB6-1 21"X21"

THESE 2 SIGNS ARE TO BE BLUE

OLD ARGYLE RD.

CLARKEN RD.

Storm Sewer Routing

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2B	SHEET 152	E

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

R11-2 48" X 30" RAMP CLOSED

TYPE III BARRICADE

①

N

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH YELLOW

5' SPACING

M3-3 24"X12" SOUTH 69 M1-6 24"X24"

WEST WEST 11 81

M4-8 24"X12" DETOUR M3-1 24"X12" NORTH 69 D9-2 24"X24" H M1-6 24"X24" MO6-1 21"X21" MB6-1 21"X21"

THESE 2 SIGNS ARE TO BE BLUE

M2-1 21"X15" JCT 59 M1-6 24"X24"

M4-8 24"X12" DETOUR M3-1 24"X12" M3-2 24"X12" EAST NORTH 59 69 D9-2 24"X24" H M1-6 24"X24" M1-6 24"X24" MB5-2R 21"X21" M5-2R 21"X21" MO5-2R 21"X21"

THESE 2 SIGNS ARE TO BE BLUE

M4-5 24"X12" TO EAST 11 M4-5 24"X12" TO EAST 81 M3-2 24"X12" M1-6 24"X24" M1-6 24"X24" MO6-1 21"X21" MO6-1 21"X21"

M4-5 24"X12" TO EAST 11 M4-5 24"X12" TO EAST 81 M3-2 24"X12" M1-6 24"X24" M1-6 24"X24" MO5-1R 21"X21" MO5-1R 21"X21"

M4-5 24"X12" TO EAST 11 M4-5 24"X12" TO EAST 81 M3-2 24"X12" M1-6 24"X24" M1-6 24"X24" MO6-1 21"X21" MO6-1 21"X21"

M4-5 24"X12" TO NORTH 69 M4-5 24"X12" TO EAST 11 M4-5 24"X12" TO EAST 81 MO6-1 21"X21" MO6-1 21"X21"

ROAD WORK AHEAD W20-1A — 500' — RAMP LOOKED AHEAD W20-53A — 500' — DETOUR AHEAD W20-2A

RAMP LOOKED 500 FT W20-53D

END ROAD WORK G20-2A 48"X24"

R3-2 24"X24"

R3-1 24"X24"

440NB 435NB 425NB 510SB 505SB 495SB 290SB

285S 280S 275S 275WB 280WB 285WB 290WB 270EB 275EB 280EB 285EB 290EB 265WB 265EB 285U 280U 290T

AEBLY RD CTH DR 13th AVE

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2B	SHEET 153	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2B.DWG
LAYOUT NAME - STAGE 2B SHEET 5

PLOT DATE : 1/16/2018 12:36 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

TEMPORARY PAVEMENT MARKING, CHANNELIZING, REMOVABLE TAPE, 8-INCH WHITE

TEMPORARY PAVEMENT MARKING, 4-INCH WHITE

TEMPORARY PAVEMENT MARKING, 4-INCH YELLOW

L 100'

295T 300T 305T 310T 315T 320T

295WB 300WB 305WB 310WB 315WB 320WB

295EB 300EB 305EB 310EB 315EB 320EB

295V 300V 305V 310V 315F 315V

425NB 495SB

BADGER STATE TRAIL

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

R11-2 48" X 30" ROAD CLOSED
TYPE III BARRICADE

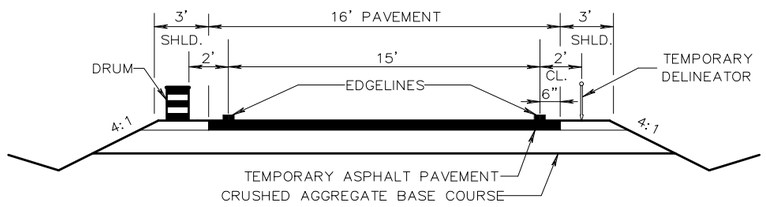
EXIT
E5-1 60"X48"

WO1-6 48"X24"
TYPE III BARRICADE

R11-2 48" X 30" ROAD CLOSED
TYPE III BARRICADE

R11-2 48" X 30" LANE CLOSED
TYPE III BARRICADE

M4-8 24"X12"
M3-1 24"X12"
M3-2 24"X12"
EAST NORTH DETOUR
D9-2 24"X24"
59 69 H
M1-6 24"X24"
M1-6 24"X24"
MB6-2 21"X21"
M6-2 21"X21"
MO6-2 21"X21"
THESE 2 SIGNS ARE TO BE BLUE



TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2B	SHEET 154	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2B.DWG
LAYOUT NAME - STAGE 2B SHEET 6

PLOT DATE : 1/16/2018 12:36 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

TEMPORARY PAVEMENT MARKING, TEMPORARY TAPE, 4-INCH YELLOW

R1-2 36"X31"

M4-8A 24"X18" / M3-1 24"X12" / M1-6 24"X24" — END DETOUR NORTH 69

WO3-2

M4-8 24"X12" / M3-1 24"X12" / M1-6 24"X24" — DETOUR NORTH 69

MO6-1 21"X21"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

R11-2 48" X 30" — ROAD CLOSED — TYPE III BARRICADE

M4-8 24"X12" / M3-1 24"X12" / M1-6 24"X24" / D9-2 24"X24" — DETOUR NORTH 69 H

MO5-1L 21"X21" / MB5-1R 21"X21"

THESE 2 SIGNS ARE TO BE BLUE

D9-2 24"X24" — H

MB6-1 21"X21"

THESE 2 SIGNS ARE TO BE BLUE

50' TYP.

325EB 330EB 335EB 340EB 345EB 350EB 355EB

330WB 335WB 340WB 345WB 350WB 355WB

330W 335W 340W 345W 350X 355X

335Y 340Y 345Y 350Z 355Z

STH 11 WB

STH 59

25SB 25NB 20SB 20NB 15SB 15NB

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2B	SHEET 155	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S2B.DWG
LAYOUT NAME - STAGE 2B SHEET 7

PLOT DATE : 1/16/2018 12:36 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW PAINT

END ROAD WORK
G20-2A
48"X24"

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH YELLOW

TEMPORARY PAVEMENT MARKING, CHANNELIZING, 8-INCH WHITE

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH WHITE

SEE STAGE 2A

360X 365X 370X 375X 380X 385X

360WB 365WB 370WB 375WB 380WB 385WB

360EB 365EB 370EB 375EB 380EB 385EB

360Z 365Z 370Z

STH 11/81

50' TYP.

50' TYP.

100' SIGN

25' TYP.

W04-1R

W01-4L

45 MPH
W013-1
24"X24"

W03-2

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

R1-2
48"X42"

M3-2 24"X12" EAST
M3-2 24"X12" EAST
11
81
M1-6 24"X24"
M1-6 24"X24"

SPEED LIMIT
R2-1
24"X30"

W06-3
NEXT
00 MILES
W057-51
48"X24"

LEGEND

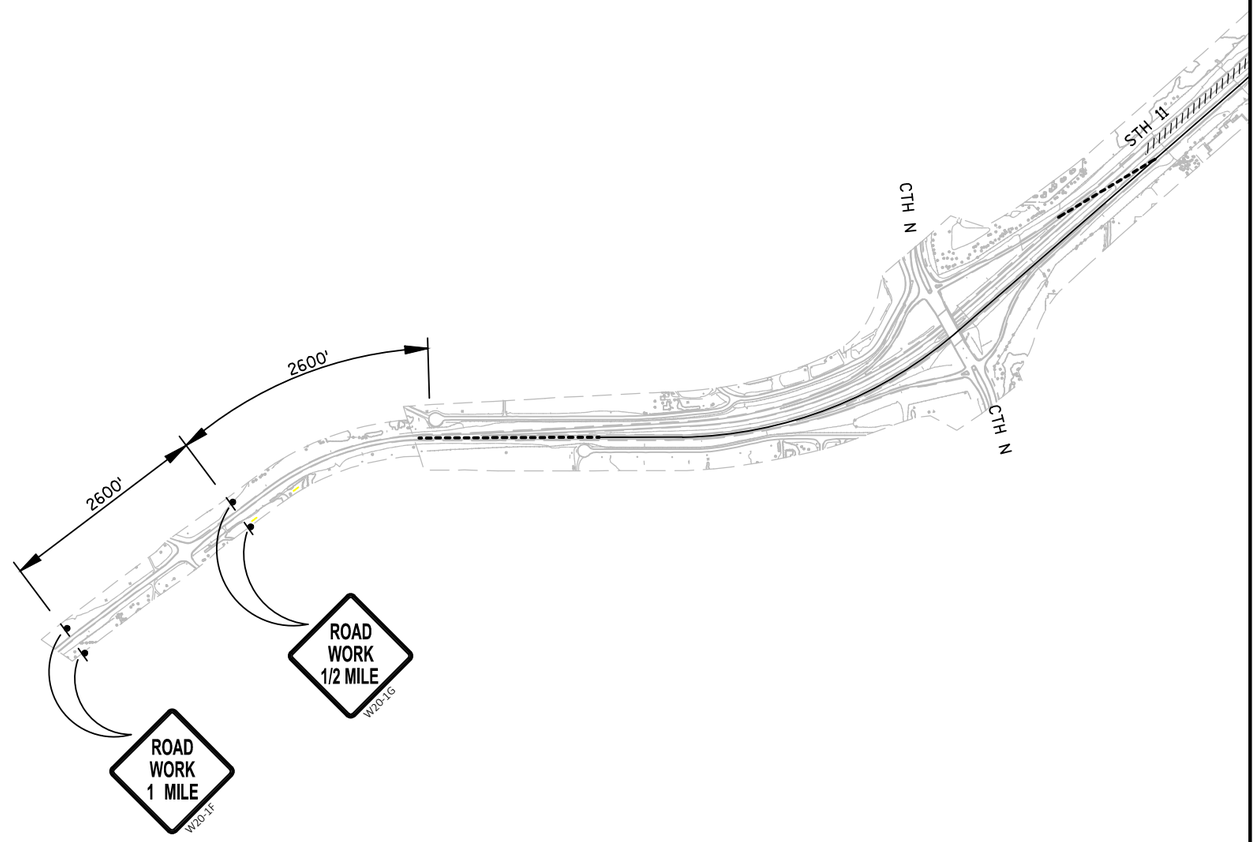
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 2B	SHEET 156	E

LEGEND

———	TWO LANE TWO WAY TRAFFIC
- - - - - - - - - - -	TEMPORARY RAMPS AND CROSSOVERS
//////////////	CLOSED FOR CONSTRUCTION
℄	TYPE III BARICADE WITH SIGN
MS	TYPE III BARICADE WITH SIGN

NOTE: REFER TO THE MOST RECENT SDD NUMBER OF THE STANDARD DETAIL DRAWINGS TITLE



MOVE TRAFFIC TO EASTBOUND STH 11 AND CONSTRUCT WESTBOUND STH 11
S.D.D. 15 D 12-6a 'TRAFFIC CONTROL, LANE CLOSURE'.
S.D.D. 15D 6-3, 'TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION'.

CLOSE AND DETOUR WESTBOUND INTERCHANGE RAMPS AT STH 81/69, STH 69/18TH AVE. AND STH 59/6TH ST. ONE AT A TIME.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A - CONSTRUCT WB STH 11	SHEET 157	E

2

2

LEGEND

- TWO LANE TWO WAY TRAFFIC
- TEMPORARY RAMPS AND CROSSOVERS
- CLOSED FOR CONSTRUCTION
- TYPE III BARICADE WITH SIGN
- MS — TYPE III BARICADE WITH SIGN

N

CONSTRUCT B-23-35 EPOXY OVERLAY AND BRIDGE REPAIRS

CONSTRUCT STH 81/STH 69 WB INTERCHANGE RAMPS
B-23-33 EPOXY OVERLAY, CONCRETE APPROACH, AND BRIDGE REPAIRS
CLOSE AND DETOUR TRAFFIC

CLOSE AND DETOUR THE BADGER STATE TRAIL DURING WESTBOUND STH 11 CONSTRUCTION.

CONSTRUCT STH 59/6TH ST. WB INTERCHANGE ON/OFF RAMPS
CLOSE AND DETOUR TRAFFIC

PRE-WARNING 7 DAYS IN ADVANCE OF WORK

PCMS
ROAD CLOSED
BEGIN XX/XX

PCMS
RAMP CLOSED
BEGIN XX/XX

ROAD LOⵎED AⵎEAD (W20-3A)

ROAD LOⵎED 500 FT (W20-3D)

ROAD CLOSED R11-2 48"X30"

MS

CTH N
STH 81
STH 11/81
B-23-35
B-23-36
B-23-33
STH 69
18TH AVE.
BADGER STATE TRAIL
STH 59
B-23-37
6TH STREET
STH 11
CTH N

MOVE TRAFFIC TO EASTBOUND STH 11 AND CONSTRUCT WESTBOUND STH 11
S.D.D. 15 D 12-6a 'TRAFFIC CONTROL, LANE CLOSURE'.
S.D.D. 15D 6-3, 'TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION'.

CLOSE AND DETOUR WESTBOUND INTERCHANGE RAMPS AT STH 81/69, STH 69/18TH AVE. AND STH 59/6TH ST. ONE AT A TIME.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A - CONSTRUCT WB STH 11	SHEET 158	E

2

LEGEND

- TWO LANE TWO WAY TRAFFIC
- TEMPORARY RAMPS AND CROSSOVERS
- CLOSED FOR CONSTRUCTION
- TYPE III BARICADE WITH SIGN
- MS — TYPE III BARICADE WITH SIGN

N

STH 11/81

CONSTRUCT STAUFFACHER RD INTERSECTION
STAUFFACHER RD CLOSED TO TRAFFIC

PRE-WARNING 7 DAYS
IN ADVANCE OF WORK

PCMS
ROAD CLOSED
BEGIN XX/XX

ROAD LOSED 500 FT
W20-3D

ROAD CLOSED
R11-2
48"X30"

STAFFACHER RD

MS

ROAD LOSED AHEAD
W20-3A

PCMS
ROAD CLOSED
BEGIN XX/XX

PRE-WARNING 7 DAYS
IN ADVANCE OF WORK

ROAD CLOSED
R11-2
48"X30"

MS

RICHLAND RD (N)

CONSTRUCT RICHLAND RD (NORTH) INTERSECTION
RICHLAND RD (NORTH) CLOSED TO TRAFFIC

CONSTRUCT HILTBRAND LN INTERSECTION
MAINTAIN ROAD ACCESS - GAP CONSTRUCTION
RIGHT IN/OUT ONLY
USE 5' SPACING FOR TUBULAR MARKERS AT CENTERLINE

HILTBRAND LN

W4234 TO W4152
MAINTAIN DRIVEWAY ACCESS

STH 11/81

CTH KK

CTH KK INTERSECTION
RIGHT IN/OUT ONLY
USE 5' SPACING FOR TUBULAR MARKERS AT CENTERLINE
NO STRAIGHT THROUGH

R6-2R
24"X30"
ONE WAY
R3-2
24"X24"

RICHLAND RD (S)

ROAD CLOSED
R11-2
48"X30"

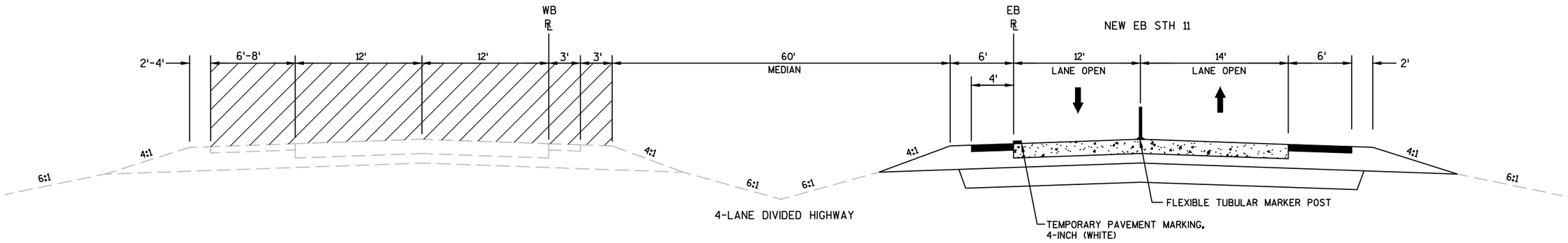
R6-2R
24"X30"
ONE WAY
R3-2
24"X24"

RICHARD RD. (SOUTH) INTERSECTION
RIGHT IN/OUT ONLY
USE 5' SPACING FOR TUBULAR MARKERS AT CENTERLINE
NO STRAIGHT THROUGH

SHIFT TRAFFIC TO EASTBOUND STH 11 AND CONSTRUCT WESTBOUND STH 11
S.D.D. 15 D 12-6a 'TRAFFIC CONTROL, LANE CLOSURE'.
S.D.D. 15D 6-3, 'TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION'.

SEE S.D.D. 15C 3-3 "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES"
FOR MORE INTERSECTION CLOSURE DETAILS

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A - CONSTRUCT WB STH 11	SHEET 159	E

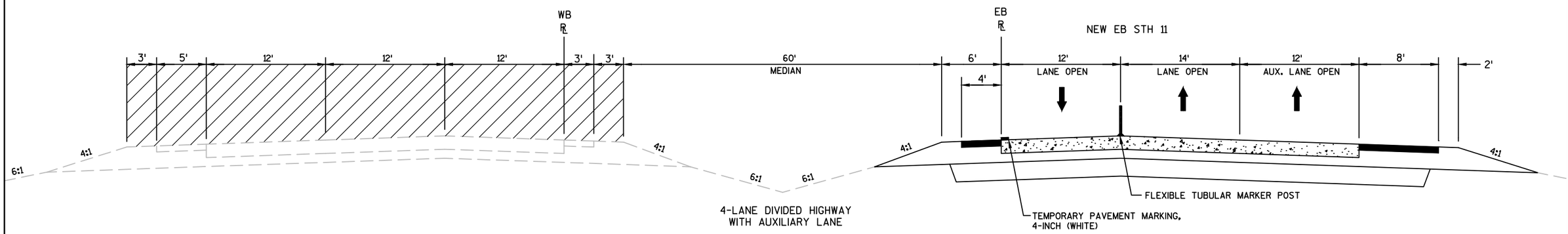


STAGE 3 CONSTRUCTION TYPICAL SECTION

WESTBOUND CONSTRUCTION 2019

STA. 232+31.81WB TO STA. 212+00WB
STA. 225+00WB TO STA. 260+00WB
STA. 272+50WB TO STA. 501+70.95WB

WORK ZONE



STAGE 3 CONSTRUCTION TYPICAL SECTION

WESTBOUND CONSTRUCTION 2019

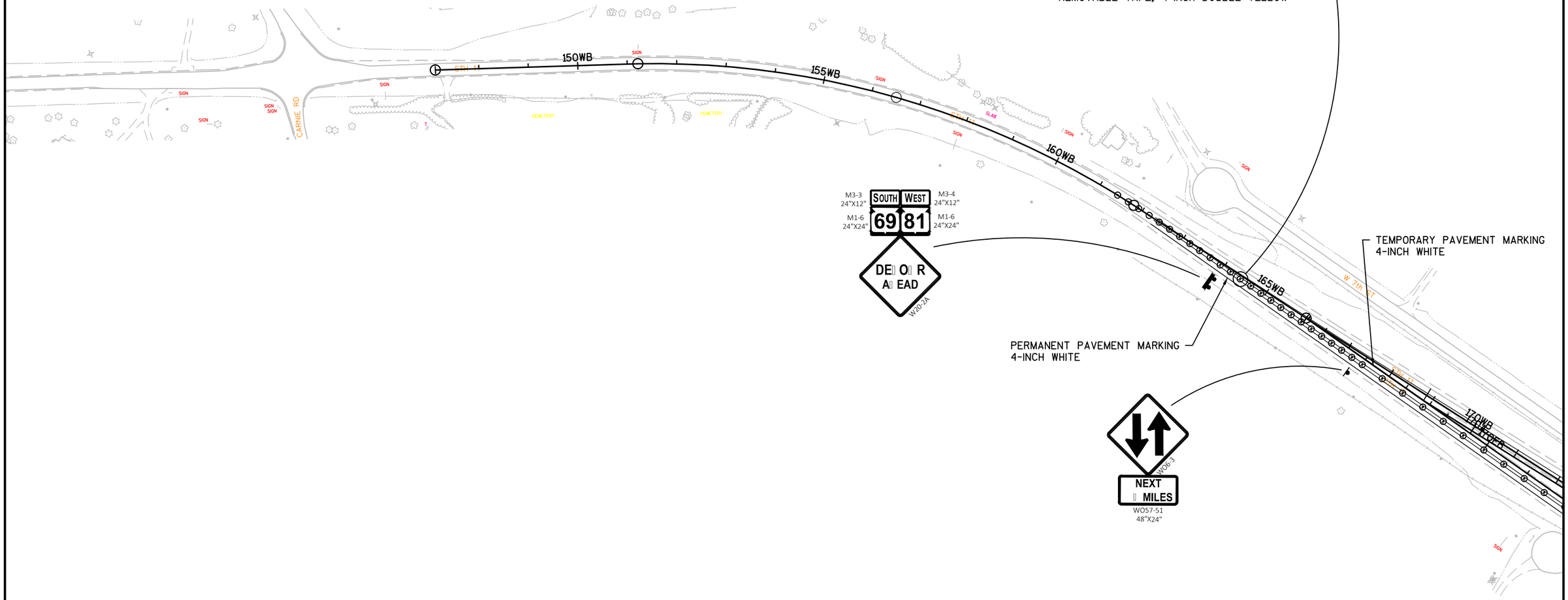
STA. 212+00WB TO STA. 225+00WB
STA. 260+00WB TO STA. 272+50WB

WORK ZONE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	STAGE 3 CONSTRUCTION TYPICAL SECTION	SHEET 160	E

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 161 E

2

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

W 7th ST

W 8th ST

CTH N/6th AVE W

CTH H

170WB 170EB 175WB 175EB 180WB 180EB 185WB 185EB 190WB 190EB 195WB 195EB

M4-8 24"X12" DETOUR SOUTH M3-3 24"X12" | M4-8 24"X12" DETOUR WEST M3-4 24"X12"

M1-6 24"X24" 69 | M1-6 24"X24" 81

MO5-2R 21"X21" | MO5-2R 21"X21"

PAVEMENT MARKING 4-INCH WHITE

M4-8 24"X12" DETOUR SOUTH M3-3 24"X12" | M4-8 24"X12" DETOUR WEST M3-4 24"X12"

M1-6 24"X24" 69 | M1-6 24"X24" 81

MO6-2 21"X21" | MO6-2 21"X21"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 162 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 2

PLOT DATE : 1/16/2018 12:43 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH WHITE

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 8-INCH WHITE

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH YELLOW

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH WHITE

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

END ROAD WORK
G20-2A
48"X24"

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

EXIT
E5-1
60"X48"

M4-8 24"X12" DETOUR
M4-8 24"X12" DETOUR
M3-3 24"X12" SOUTH
M3-4 24"X12" WEST
M1-6 24"X24" 69
81
COUNTY N
M1-5A 24"X24"
MO6-2 21"X21"
M1-6 24"X24"
M6-2 21"X21"
MO6-2 21"X21"

CTH N/6th AVE W

RIPRAP

STH 11

200WB 205WB 210WB 215WB 220WB 225WB 230WB

200EB 205EB 210EB 215EB 220EB 225EB 230EB

212B 213B 214B 215B 216B 217B 218B 219B 220B 221B

230J

230L

100'
50' TYP.
100'
200'
12'

R1-2
48"X42"
YIELD

WO3-2

WO4-2R

RAMP CLOSED 1000 FT
W20-5aC

M4-8A 24"X18"
M3-1 24"X12"
M3-2 24"X12" END DETOUR
END DETOUR
M4-8A 24"X18"
M3-2 24"X12"
EAST NORTH EAST
11 69 81
M1-6 24"X24"
M1-6 24"X24"
M1-6 24"X24"

SPEED LIMIT
R2-1
24"X30"

EXIT
45
MPH
WO13-2
48"X60"

R11-2
48" X 30"
RAMP CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

WO4-1R

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 163	E

2

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

M4-8 24"X12" M4-8 24"X12"
DETOUR DETOUR
M3-3 24"X12" SOUTH WEST M3-4 24"X12"
M1-6 24"X24" 69 81 COUNTY N M1-5A 24"X24"
MO5-2R 21"X21" M1-6 24"X24" M5-2R 21"X21"
MO5-2R 21"X21"

JCT
COUNTY N
M2-1 21"X15"
M1-5A 24"X24"

R11-2 48" X 30"
ROAD CLOSED
TYPE III BARRICADE

W6-3 36"X36"
NEXT 2 MILES
W57-51 48"X24"

SPEED LIMIT
R2-1 24"X30"

M4-8 24"X12" M4-8 24"X12"
M3-3 24"X12" DETOUR DETOUR M3-4 24"X12"
M3-4 24"X12" WEST SOUTH WEST
M1-6 24"X24" 11 69 81 M1-6 24"X24"
M1-6 24"X24" M1-6 24"X24"

W6-3 36"X36"
NEXT ▯▯ MILES
W57-51 48"X24"

R11-2 48" X 30"
ROAD CLOSED
TYPE III BARRICADE

180BW 180BE 235W 235E 245W 245E 253W 253E 265W 265E 273W 273E 285W 285E

235J 240J 245J 250K 255K

235WB 240WB 245WB 250WB 255WB 260WB
235EB 240EB 245EB 250EB 255EB 260EB
235L 240L 245M 250M 255M 260M

OLD ARGYLE RD
CLARKEN RD
STH 69
STH 69

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 164	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 4

PLOT DATE : 1/16/2018 12:43 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- xxxxx REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

TEMPORARY PAVEMENT MARKING, 4-INCH WHITE

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

WO1-6 48" X 24" — TYPE III BARRICADE

R11-2 48" X 30" ROAD CLOSED — TYPE III BARRICADE

WO1-4L 45 MPH — WO13-1 36"X36"

WO3-2

ROAD WORK AHEAD W20-1A

TEMPORARY PAVEMENT MARKING, CHANNELIZING, REMOVABLE TAPE, 8-INCH WHITE

100' 50' TYP. 800' 25' TYP.

R1-2 48"X42"

M4-8 24"X12" DETOUR / M3-3 24"X12" SOUTH / M3-4 24"X12" WEST / M1-6 24"X24" 69 81 / MO6-1 21"X21"

WO4-1R

END ROAD WORK G20-2A 48"X24"

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

M4-8 24"X12" DETOUR / M3-2 24"X12" EAST / M1-6 24"X24" 59 / MO6-1 21"X21"

DETOUR AHEAD W20-2A

N

440NB 510SB 435NB 505SB 425NB 495SB

18th AVE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 165 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 5

PLOT DATE : 1/16/2018 12:44 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

DETOUR EAST 59 — M4-8 24"X12", M3-2 24"X12", M1-6 24"X24", D9-2 24"X24", MB5-1L 21"X21", MO5-1R 21"X21"

END ROAD WORK — G20-2A 48"X24"

R11-2 48"X30" ROAD CLOSED — TYPE III BARRICADE

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH WHITE

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH YELLOW

TEMPORARY PAVEMENT MARKING, CHANNELIZING, REMOVABLE TAPE, 8-INCH WHITE

M3-1 24"X12", M4-8 24"X12", M1-6 24"X24", M3-2 24"X12", M1-6 24"X24", DETOUR EAST NORTH 59 69 H, D9-2 24"X24", MO6-2 21"X21", M6-2 21"X21", MB6-2 21"X21" — THESE 2 SIGNS ARE TO BE BLUE

295T 300T 305F 310T 315F 320EB 295EB 300EB 305EB 310E 315EB 295WB 300WB 305WB 310WB 315WB 320WB 295V 300V 305V 310V

25' TYP. 50' TYP. 100' 100' 100'

TEMPORARY PAVEMENT MARKING, 4-INCH YELLOW

TEMPORARY PAVEMENT MARKING, 4-INCH WHITE

W01-6 48"X24" — TYPE III BARRICADE

R1-2 48"X42"

W03-2

ROAD WORK AHEAD W20-1A

E5-1 60"X48" EXIT

W06-3 NEXT ▯▯ MILES — WO57-51 48"X24"

EXIT 45 MPH — WO13-2 48"X60"

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

BADGER STATE TRAIL

425NB 495SB

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 6
PLOT DATE : 1/16/2018 12:44 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R11-2
48" X 30"
RAMP CLOSED
TYPE III BARRICADE

WEST WEST 11 81

M4-5 24"X12"
M3-4 24"X12"
M1-6 24"X24"
TO WEST TO WEST 11 81

M6-1 21"X21"

R3-2 24"X24"

DETOUR EAST NORTH 59 69 H
M4-8 24"X12"
M3-2 24"X12"
M1-6 24"X24"
M3-1 24"X12"
M1-6 24"X24"
D9-2 24"X24"
MO5-2R 21"X21"
M5-2R 21"X21"
MB5-2R 21"X21"

M2-1 21"X15"
JCT 69
M1-6 24"X24"

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

END ROAD WORK
G20-2A
48"X24"

DE O R A EAD
W20-2A

RAM LO ED 1000 FT
W20-3C

ROAD WORK AHEAD
W20-1A

W03-2

50' TYP.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 167 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 7

PLOT DATE : 1/16/2018 12:44 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R11-2
48" X 30"
RAMP CLOSED
TYPE III BARRICADE

M4-8
24"X12"
DETOUR
M3-2
24"X12"
EAST
M1-6
24"X24"
59
H
D9-2
24"X24"
MO6-1
21"X21"
MB6-1
21"X21"

RAMP CLOSED
1000 FT
W20-5aC

360X
365X
370X
5' SPACING
360WB
365WB
370WB
375WB
375K
380WB
380K
385WB
360EB
365EB
370EB
375J
375EB
380EB
385EB
360Z
365Z
370Z
25'
TYP.
50'
TYP.

TEMPORARY PAVEMENT MARKING,
4-INCH WHITE

YIELD
R1-2
48"X42"

FLEXIBLE
TUBULAR
DELINEATOR

TEMPORARY PAVEMENT MARKING,
REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 168	E

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

M4-8 24"X12" DETOUR
M3-2 24"X12" EAST
M1-6 24"X24" 59
D9-2 24"X24" H
MO6-1 21"X21"
MB6-1 21"X21"

RAMP CLOSED AHEAD W20-53A

M3-2 24"X12" EAST
M1-6 24"X24" 59
DETOUR AHEAD W20-52A

380WB 390EB 395WB 395EB 400WB 400EB 405WB 405EB 410WB 410EB 415WB 415EB

50' TYP.

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 169	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 9

PLOT DATE : 1/16/2018 12:44 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

R3-2 24"X24"
R3-1 24"X24"

R3-2 24"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

ONE WAY
R6-2R
24"X30"

R3-2
24"X24"

11 81
MO6-1 21"X21"
MO6-1 21"X21"

772
771
762
761

420WB
420EB
425WB
425EB
430WB
430EB
435WB
435EB
440WB
440EB
445WB
445EB
450WB
450EB

WOODRIDGE DR
RADIO LN
SIGN
SEPC
ANT
4"C
INL

50'
TYP.

FLEXIBLE
TUBULAR
DELINEATOR

TEMPORARY PAVEMENT MARKING,
REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 170	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 10

PLOT DATE : 1/16/2018 12:44 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R3-2 24"X24"

R3-1 24"X24"

R6-2R 24"X30"

ONE WAY

R3-2 24"X24"

STOP

R1-1 30"X30"

STAUFFACHER RD

785

784

782

781

794

793

455WB 460WB 465WB 470WB 475WB 480WB

455EB 460EB 465EB 470EB 475EB 480EB

50' TYP.

R3-2 24"X24"

R11-2 48" X 30"

ROAD CLOSED

TYPE III BARRICADE

R3-2 24"X24"

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

2

N

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

W6-3
48"X48"
NEXT
MILES
W57-51
48"X24"

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

TEMPORARY PAVEMENT MARKING, 4-INCH WHITE

485EB
485WB
490EB
490WB
495EB
495WB
500EB
500WB
505EB
505WB
510EB
510WB
STH 11/81

50' TYP.
25' TYP.
400'
400'
500'
100'
50' TYP.
25' TYP.
50' TYP.

5' SPACING

TEMPORARY PAVEMENT MARKING, 4-INCH YELLOW

END ROAD WORK
G20-2A
48"X24"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 172	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3A.DWG
LAYOUT NAME - STAGE 3A SHEET 12
PLOT DATE : 1/16/2018 12:45 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

W01-4L

515WB
515EB
520WB
520EB
STH 11/81

700'
350'
50' TYP.
500'
50' TYP.
25'

REMOVE PAVEMENT MARKING

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE, 4-INCH EDGELINE

SHORT RD.
1000'
1600'
500'
2600'

W04-2R

RIGHT LANE CLOSED 1500 FT
W20-5-B

RIGHT LANE CLOSED 1/2 MILE
W20-5-G

ROAD WORK 1 MILE
W20-1-F

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3A	SHEET 173	E

2

LEGEND

- TWO LANE TWO WAY TRAFFIC
- TEMPORARY RAMPS AND CROSSOVERS
- CLOSED FOR CONSTRUCTION
- TYPE III BARICADE WITH SIGN
- MS TYPE III BARICADE WITH SIGN

N

PCMS
RAMP CLOSED
BEGIN XX/XX

PRE-WARNING 7 DAYS IN ADVANCE OF WORK

NOTE: REFER TO THE MOST RECENT SDD NUMBER OF THE STANDARD DETAIL DRAWINGS TITLE

CONSTRUCT STH 69/18TH AVE. WB INTERCHANGE ON/OFF RAMPS
B-23-35 EPOXY OVERLAY AND BRIDGE REPAIRS
CLOSE AND DETOUR TRAFFIC TO STH 59/6TH ST. AND CTH DR

PCMS
RAMP CLOSED
BEGIN XX/XX

PRE-WARNING 7 DAYS IN ADVANCE OF WORK

CTH N
NW Quadrant?
STH 81
STH 11/81
B-23-33
B-23-35
B-23-36
STH 69
18TH AVE.
BADGER STATE TRAIL
STH 59
B-23-37
6TH STREET
STH 11
STH 11/81

MOVE TRAFFIC TO EASTBOUND STH 11 AND CONSTRUCT WESTBOUND STH 11
S.D.D. 15 D 12-6a 'TRAFFIC CONTROL, LANE CLOSURE'.
S.D.D. 15D 6-3, 'TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION'.

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3B - CONSTRUCT WB STH 11	SHEET 174	E

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

SEE STAGE 3A TRAFFIC CONTROL

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TPE, 4-INCH DOUBLE YELLOW

R11-2 48" X 30" RAMP CLOSED TYPE III BARRICADE

5' SPACING

RAMP LOADED 500 FT W20-53D

COVER EXISTING SIGN

R11-2 48" X 30" RAMP CLOSED TYPE III BARRICADE

COVER EXISTING SIGN

COVER EXISTING SIGN

COVER EXISTING SIGN

COVER EXISTING SIGN

END ROAD WORK G20-2A 48"X24"

RAMP LOADED 500 FT W20-53D

R3-1 24"X24"

R3-2 24"X24"

DETOUR SOUTH 69 M4-8 24"X12" M3-3 24"X12" M1-6 24"X24" MO6-1 21"X21"

DETOUR SOUTH 69 M4-8 24"X12" M3-3 24"X12" M1-6 24"X24" MO5-1R 21"X21"

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3B	SHEET 175 E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

M3-4 24"X12" | M3-3 24"X12" | M3-4 24"X12"
WEST | SOUTH | WEST
11 | 69 | 81
M1-6 24"X24" | M1-6 24"X24" | M1-6 24"X24"

R11-2 48" X 30"
ROAD CLOSED
TYPE III BARRICADE

SPEED LIMIT
R2-1 24"X30"

TEMPORARY PAVEMENT MARKING, CHANNELIZING, REMOVABLE TAPE, 8-INCH WHITE

YIELD
R1-2 48"X42"

WO1-6 48" X 24"
TYPE III BARRICADE

R11-2 48" X 30"
RAMP CLOSED
TYPE III BARRICADE

WO3-2

WO1-6 48" X 24"
TYPE III BARRICADE

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH YELLOW

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH WHITE

295T 300T 305F 305WB 300WB 300EB 295WB 295EB 300V 305EB 305V 310T 310WB 310C 310EB 310V 315WB 315C 315F 315EB 320WB 320EB 295V

50' TYP. 25' TYP. 100'

BADGER STATE TRAIL

WO6-3
NEXT 2 MILES
WO57-51 48"X24"

WO3-2

ROAD WORK AHEAD
W20-1A

WO4-1R

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3B	SHEET 176	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3B.DWG
LAYOUT NAME - STAGE 3B SHEET 6

PLOT DATE : 1/16/2018 12:46 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

WO1-4L
45 MPH
WO13-1
36"X36"

ROAD WORK AHEAD
W20-1A

DETOUR NORTH 69
M4-8 24"X12"
M3-1 24"X12"
M1-6 24"X24"

MO6-1
21"X21"

MO5-1R
21"X21"

RAMP CLOSED 1000 FT
W20-53C

RAMP CLOSED AHEAD
W20-53A

END ROAD WORK
G20-2A
48"X24"

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

M3-1 24"X12"
M1-6 24"X24"
NORTH 69
DETOUR AHEAD
W20-2A

MO1-6
21"X21"

ROAD WORK AHEAD
W20-1A

WO3-2

50' TYP.

325EB 330EB 335EB 340EB 345EB 350EB 355EB
330WB 335WB 340WB 345WB 350WB 355WB
325W 330W 335W 340W 345W 350X 355X
335Y 340Y 345Y 350Z 355Z
20SB 20NB 25SB 25NB 30SB 30NB 15SB 15NB
STH 11

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3B	SHEET 177	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3B.DWG
LAYOUT NAME - STAGE 3B SHEET 7

PLOT DATE : 1/16/2018 12:46 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

M4-8
24"X12"
M3-1
24"X12"
DETOUR
M3-2
24"X12"
EAST
NORTH
M1-6
24"X24"
59
69
H
D9-2
24"X24"
M6-2
21"X21"
M1-6
24"X24"
MB6-2
21"X21"
MO6-2
21"X21"

THESE 2 SIGNS ARE TO BE BLUE

END ROAD WORK
G20-2A
48"X24"

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH WHITE

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE, 4-INCH YELLOW

360X
365X
370X
360WB
365WB
370WB
375WB
380WB
385WB
360EB
365EB
370EB
375EB
380EB
385EB
360Z
365Z
370Z
100'
25' TYP.
50' TYP.
50' TYP.
100'

HELD
R1-2
48"X42"

W01-6
48"X24"
TYPE III BARRICADE

EXIT
E5-1
72"X60"

W06-3
NEXT
2 1/2 MILES
WO57-51
SIZE

EXIT
45
MPH
WO13-2
48"X60"

FLEXIBLE TUBULAR DELINEATOR

TEMPORARY PAVEMENT MARKING, REMOVABLE TPE, 4-INCH DOUBLE YELLOW

PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3B	SHEET 178	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S3B.DWG
LAYOUT NAME - STAGE 3B SHEET 8

PLOT DATE : 1/16/2018 12:46 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

M4-8
24"X12"
M3-1
24"X12"
DETOUR
M3-2
24"X12"
EAST
NORTH
M1-6
24"X24"
59
69
H
D9-2
24"X24"
M5-2R
21"X21"
M1-6
24"X24"
MB5-2R
21"X21"
MO5-2R
21"X21"

M2-1
21"X15"
JCT
M1-6
24"X24"
59

M3-1
24"X12"
NORTH
69
M1-6
24"X24"
DETOUR
AHEAD
W20.2A

SEE STAGE 3A
TRAFFIC CONTROL

380WB
390EB
395WB
395EB
400WB
400EB
405WB
405EB
410WB
410EB
415WB
415EB

50'
TYP.

FLEXIBLE
TUBULAR
DELINEATOR

TEMPORARY PAVEMENT MARKING,
REMOVABLE TAPE, 4-INCH DOUBLE YELLOW

LEGEND

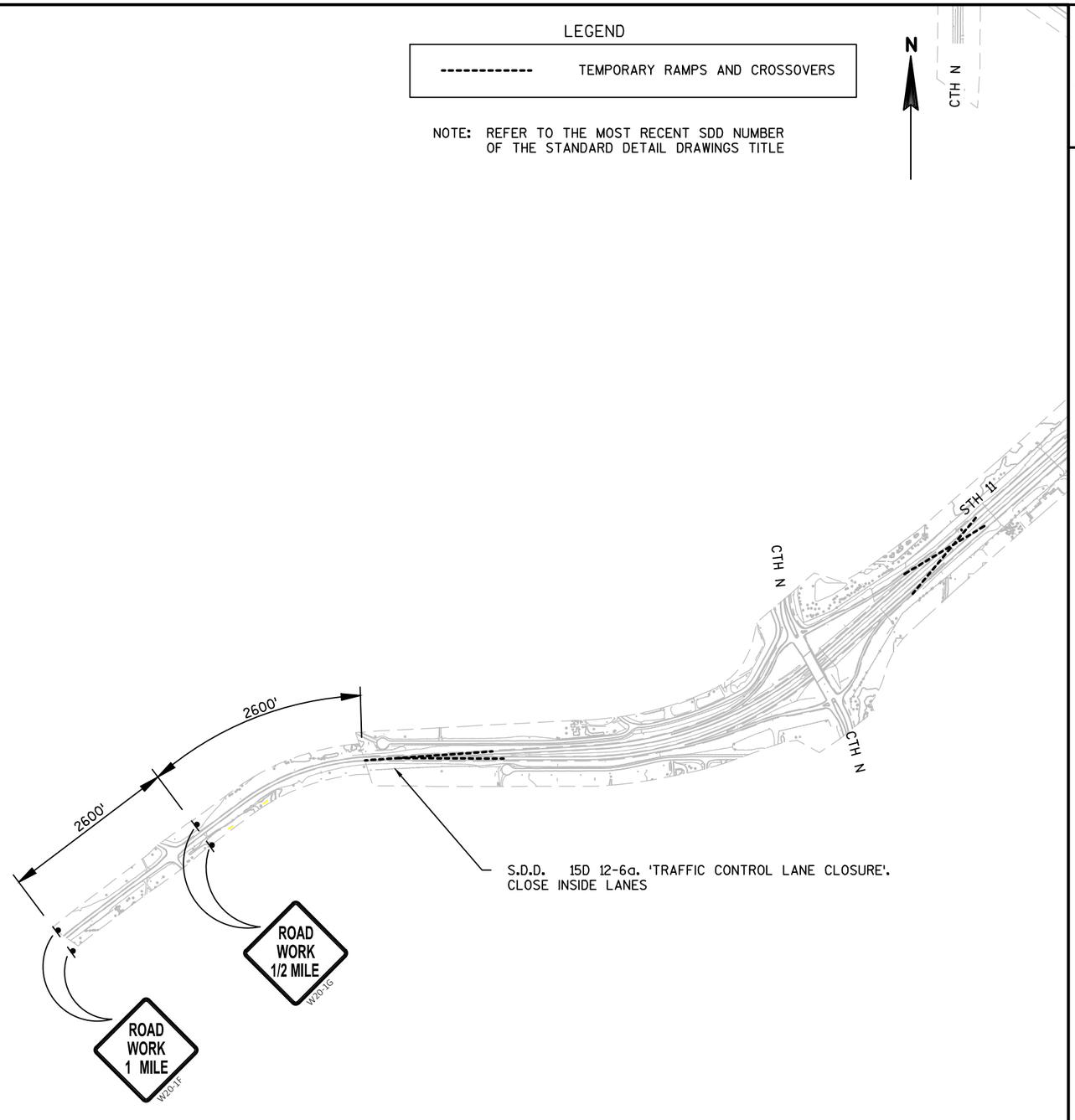
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 3B	SHEET 179	E

LEGEND

---------- TEMPORARY RAMPS AND CROSSOVERS

NOTE: REFER TO THE MOST RECENT SDD NUMBER OF THE STANDARD DETAIL DRAWINGS TITLE



SHIFT TRAFFIC TO OUTSIDE LANE OF STH 11 TO REMOVE TEMPORARY MAINLINE AND INTERCHANGE RAMP CROSSOVERS AND CONSTRUCT PERMANENT MAINTENANCE CROSSOVERS

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4 - CROSSOVER REMOVAL	SHEET 180	E

2

2

LEGEND

TEMPORARY RAMPS AND CROSSOVERS

N

CTH N

NW Quadrant?

STH 81

STH 11/81

STH 69

B-23-35

B-23-36

CLOSE AND DETOUR BADGER STATE TRAIL
DURING STH 69 RAMP CROSSOVER REMOVAL

B-23-33

18TH AVE.

BADGER STATE TRAIL

STH 59

B-23-37

6TH STREET

STH 11

CTH N

STH 69

CTH N

STH 11/81

SHIFT TRAFFIC TO OUTSIDE LANE OF STH 11 TO REMOVE TEMPORARY
MAINLINE AND INTERCHANGE RAMP CROSSOVERS AND CONSTRUCT
PERMANENT MAINTENACE CROSSOVERS

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4 - CROSSOVER REMOVAL	SHEET 181	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026400_S4OVERVIEW.DWG
LAYOUT NAME - STAGE 4 OVERVIEW 2

PLOT DATE : 1/16/2018 12:48 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 42

2

LEGEND

---------- TEMPORARY RAMPS AND CROSSOVERS

N

STH 11/81

STAFFACHER RD.

CTH KK

RICHLAND RD.

HILTBRAND LN.

S.D.D. 15D 12-6a. 'TRAFFIC CONTROL LANE CLOSURE'.
CLOSE INSIDE LANES

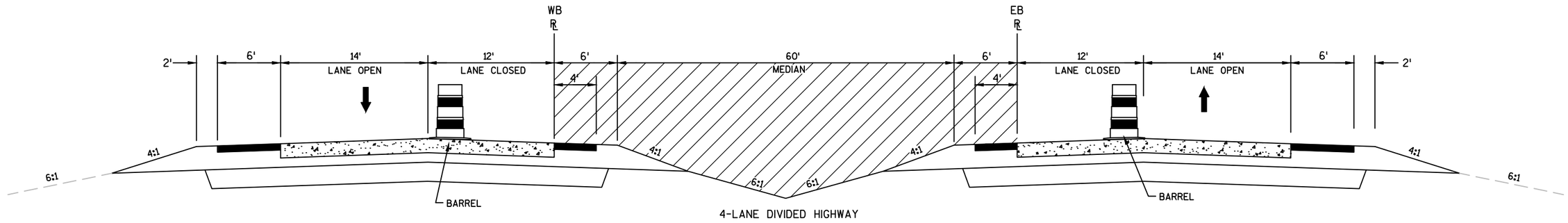
W4234 TO W4152
MAINTAIN DRIVEWAY ACCESS

STH 11/81

RICHLAND RD.

SHIFT TRAFFIC TO OUTSIDE LANE OF STH 11 TO REMOVE TEMPORARY MAINLINE AND INTERCHANGE RAMP CROSSOVERS AND CONSTRUCT PERMANENT MAINTENANCE CROSSOVERS

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4 - CROSSOVER REMOVAL	SHEET 182	E



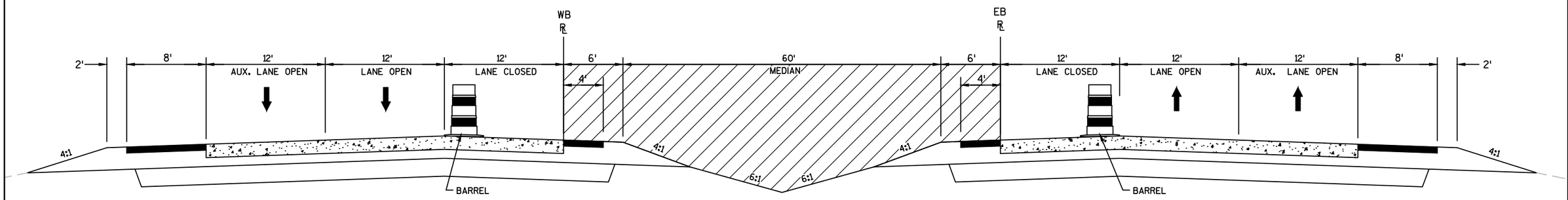
4-LANE DIVIDED HIGHWAY

STAGE 4 CONSTRUCTION TYPICAL SECTION

CROSSOVER REMOVAL & MEDIAN CONSTRUCTION

STA. 169+00EB TO STA. 211+50EB
STA. 226+30EB STA. TO 262+15EB
STA. 275+20EB TO 497+76.07EB
STA. 169+40WB TO STA. 212+00WB
STA. 225+00WB TO STA. 260+00WB
STA. 272+50WB TO STA. 501+70.95WB

WORK ZONE



4-LANE DIVIDED HIGHWAY
WITH AUXILIARY LANE

STAGE 4 CONSTRUCTION TYPICAL SECTION

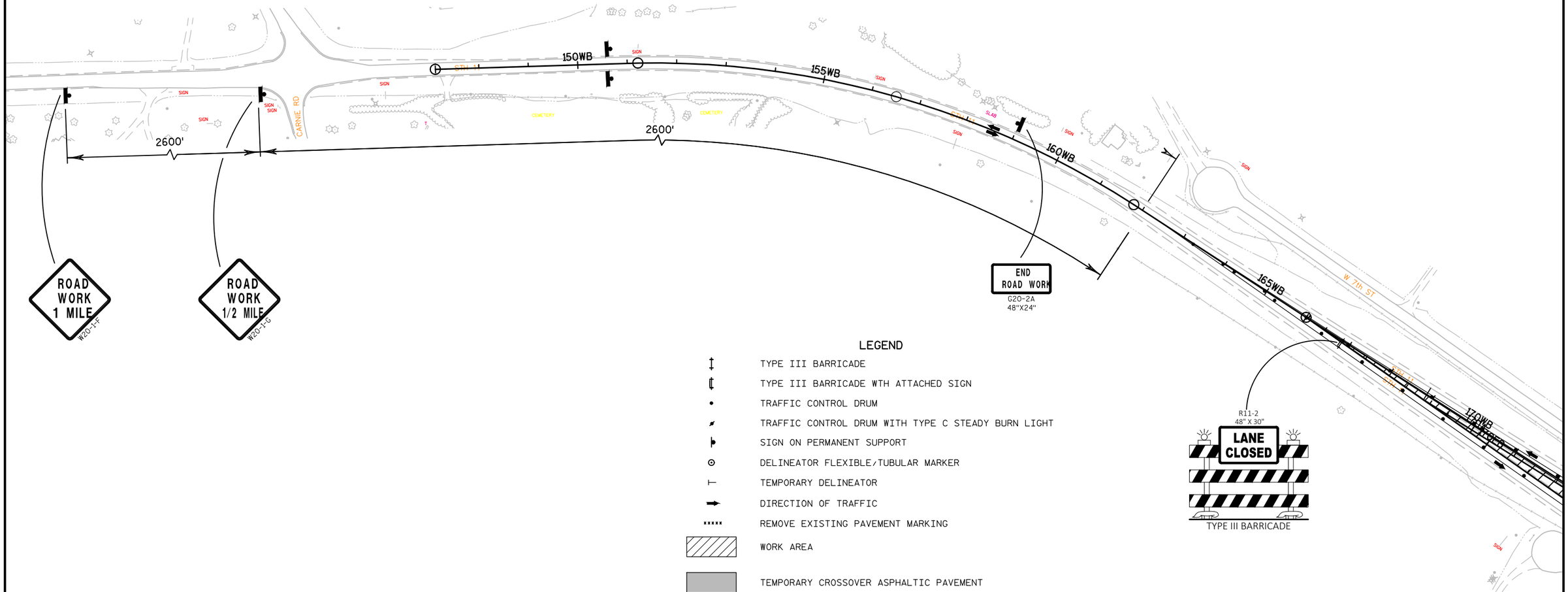
CROSSOVER REMOVAL & MEDIAN CONSTRUCTION

STA. 211+50EB TO STA. 226+30EB
STA. 262+15EB TO STA. 275+20EB
STA. 212+00WB TO 225+00WB
STA. 260+00WB TO STA. 272+50WB

WORK ZONE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	STAGE 4 CONSTRUCTION TYPICAL SECTION	SHEET 183	E

2



LEGEND

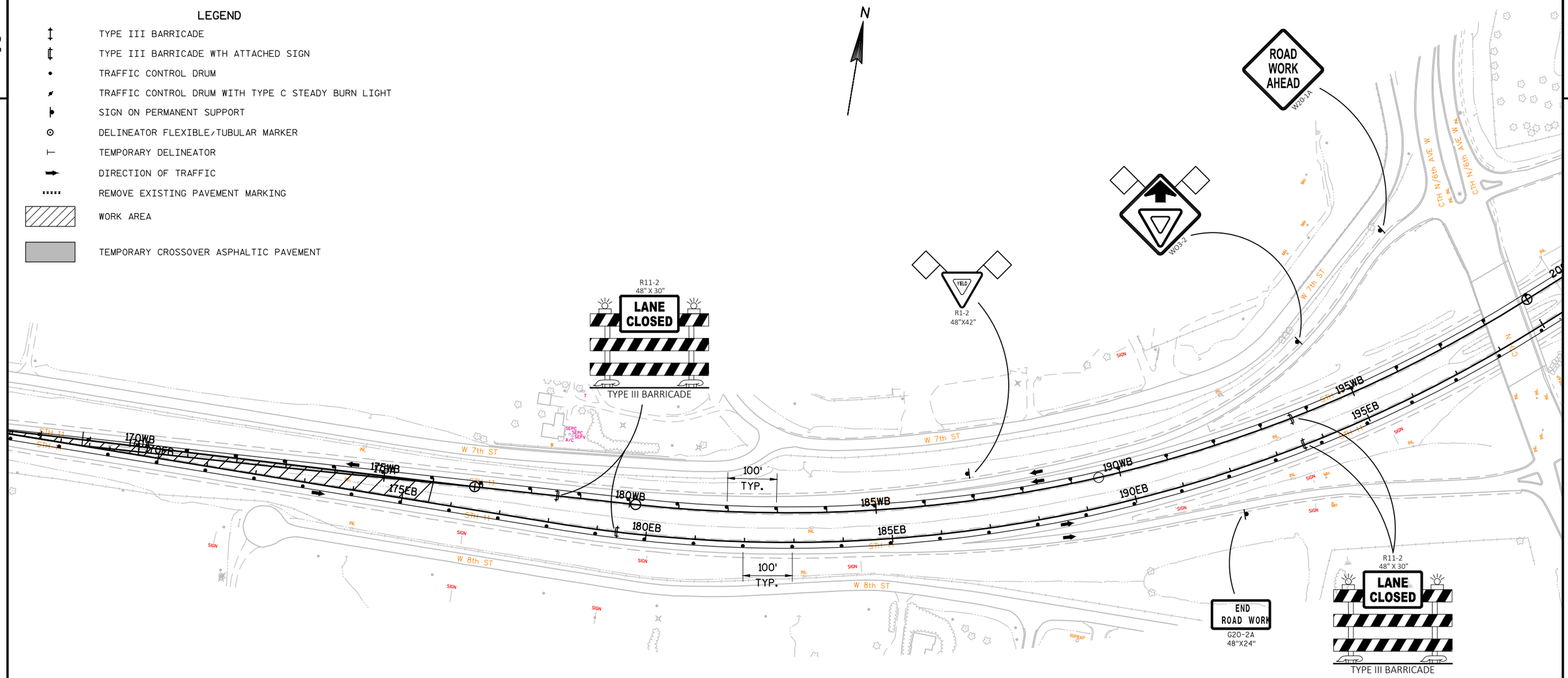
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 184	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



2

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 185	E

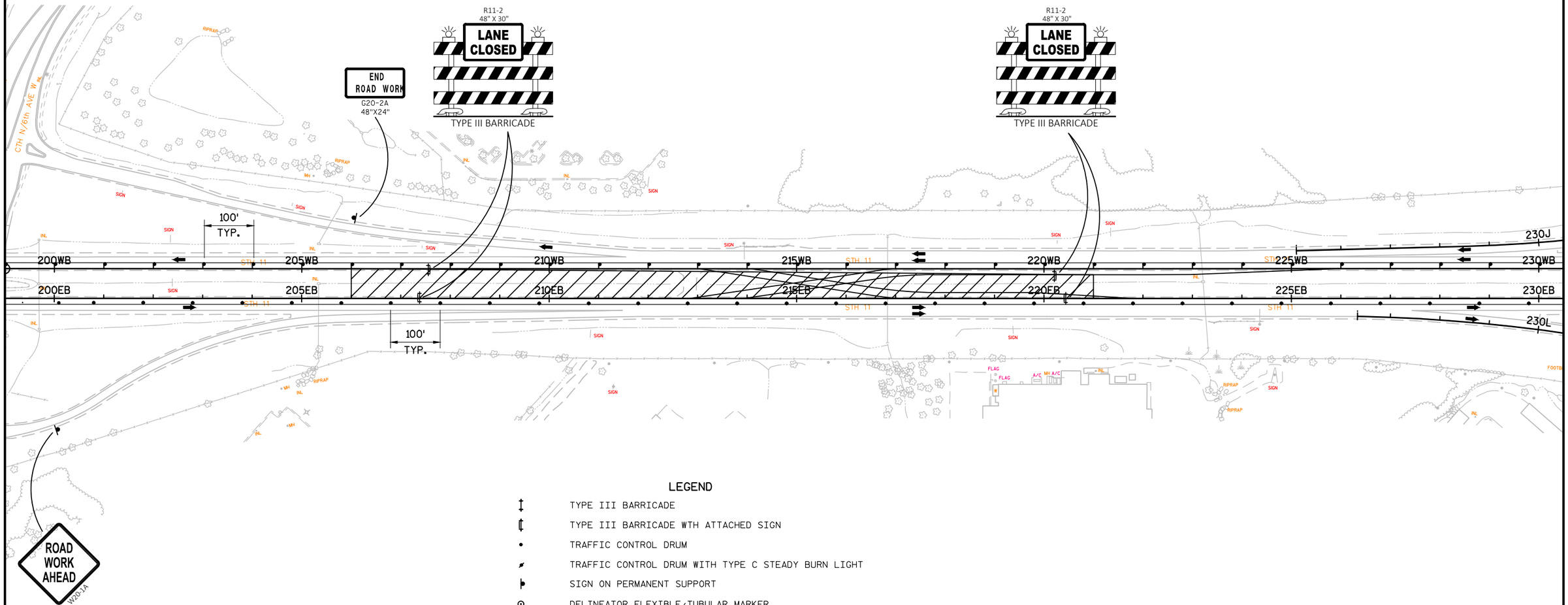
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 2

PLOT DATE : 1/16/2018 12:49 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 186	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 3

PLOT DATE : 1/16/2018 12:49 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

ROAD WORK AHEAD
W20-1A

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

180BW
180BE
175BW
175BE
170BW
170BE
165BW
165BE

235J
240J
245J
250K
255K
235WB
240WB
245WB
250WB
255WB
260WB
235EB
240EB
245EB
250EB
255EB
260EB
235L
240L
245M
250M
255M
260M

100' TYP.
100' TYP.

STH 11
STH 67
STH 69
OLD ARGYLE RD
CLARKEN RD

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 187	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 4

PLOT DATE : 1/16/2018 12:50 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

ROAD WORK AHEAD
W20-1A

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

270WB
270EB
265WB
265EB
275S
275WB
275EB
280S
280WB
280EB
280U
285S
285WB
285EB
285U
290S
290T
290WB
290EB
290U
510SB
505SB
440NB
435NB
430NB
425NB
495SB
100' TYP.
100' TYP.
STH 11/69/81
AEBLY RD
CTH DR
18th AVE
TANKS
FILLER CAPS
CANOPY
RIPRAP
SIGN

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 188	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 5

PLOT DATE : 1/16/2018 12:50 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

END ROAD WORK
G20-2A
48"X24"

295T
300T
305T
310T
315WB
320WB
295WB
300WB
305WB
310WB
295EB
300EB
305EB
310EB
315EB
320EB
295V
300V
305V
310V
STH 11/81
BADGER STATE TRAIL
100' TYP.
425NB
495SB
CTH A/VC

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R1-2
48"X42"
YIELD

W03-2

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 189	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 6

PLOT DATE : 1/16/2018 12:50 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N

R1-2
48"X42"

W3-2

ROAD WORK AHEAD
W20-1A

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

100' TYP.

100' TYP.

EW Location?

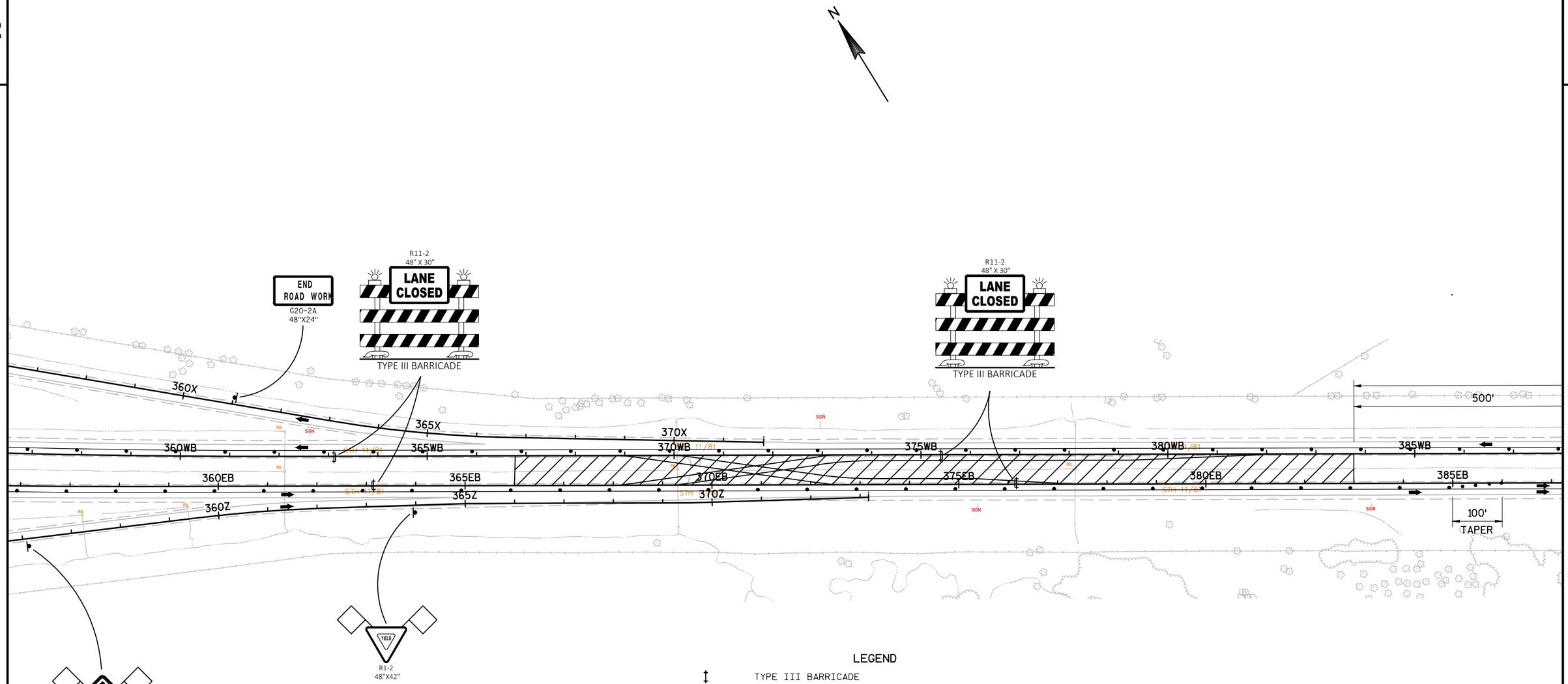
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 190	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 7

PLOT DATE : 1/16/2018 12:50 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



LEGEND

‡	TYPE III BARRICADE
‡	TYPE III BARRICADE WTH ATTACHED SIGN
•	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	SIGN ON PERMANENT SUPPORT
⊙	DELINEATOR FLEXIBLE/TUBULAR MARKER
⊢	TEMPORARY DELINEATOR
➡	DIRECTION OF TRAFFIC
▪▪▪▪▪	REMOVE EXISTING PAVEMENT MARKING
▨	WORK AREA
▭	TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-02	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 191	E

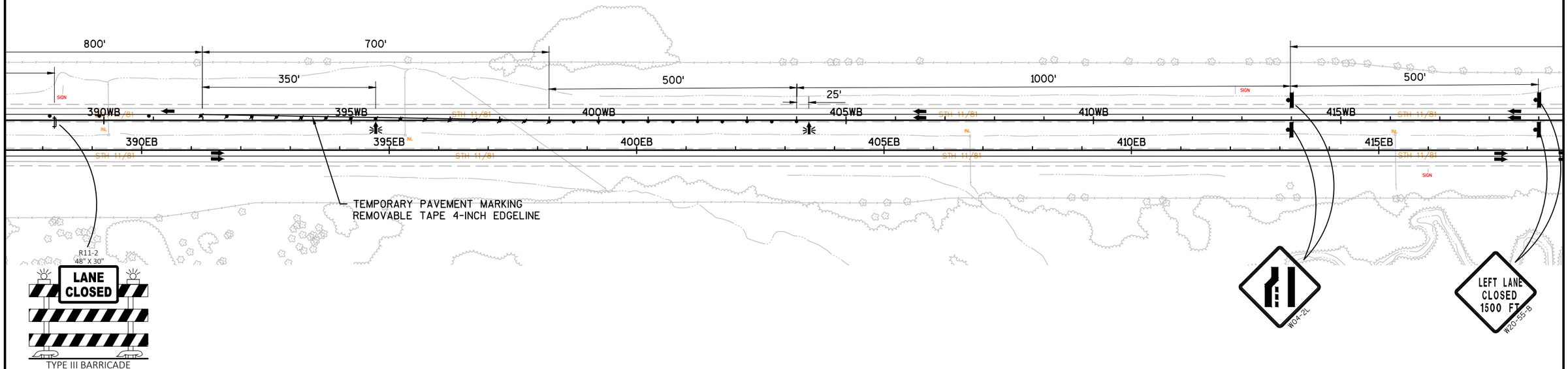
2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

N



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 192	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 9

PLOT DATE : 1/16/2018 12:50 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED 1/2 MILE
W20-5S-G

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

1600'
772
771
762
761
420WB
420EB
425WB
425EB
430WB
430EB
435WB
435EB
440WB
440EB
445WB
445EB
450WB
450EB
WOODRIDGE DR
RADIO LN
STH 11/81

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 193	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 10

PLOT DATE : 1/16/2018 12:50 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

LEFT LANE CLOSED 1/2 MILE
W20-55-C

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED 1500 FT
W20-55-B

W04-2L

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

STAUFFACHER RD

785

784

782

781

794

793

455WB
455EB
460WB
460EB
465WB
465EB
470WB
470EB
475WB
475EB
480WB
480EB

STH 11/81

575'

1600'

50'
TYP.

500'

25'

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 194	E

2

N

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2
48" X 30"
LANE CLOSED
TYPE III BARRICADE

TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE, 4-INCH EDGELINE

100'
TAPER

50'
TYP.

485WB
485EB
490WB
490EB
495WB
495EB
500WB
500EB
505WB
505EB
510WB
510EB

700'
800'
500'
100'
TYP.

STH 11/81

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT

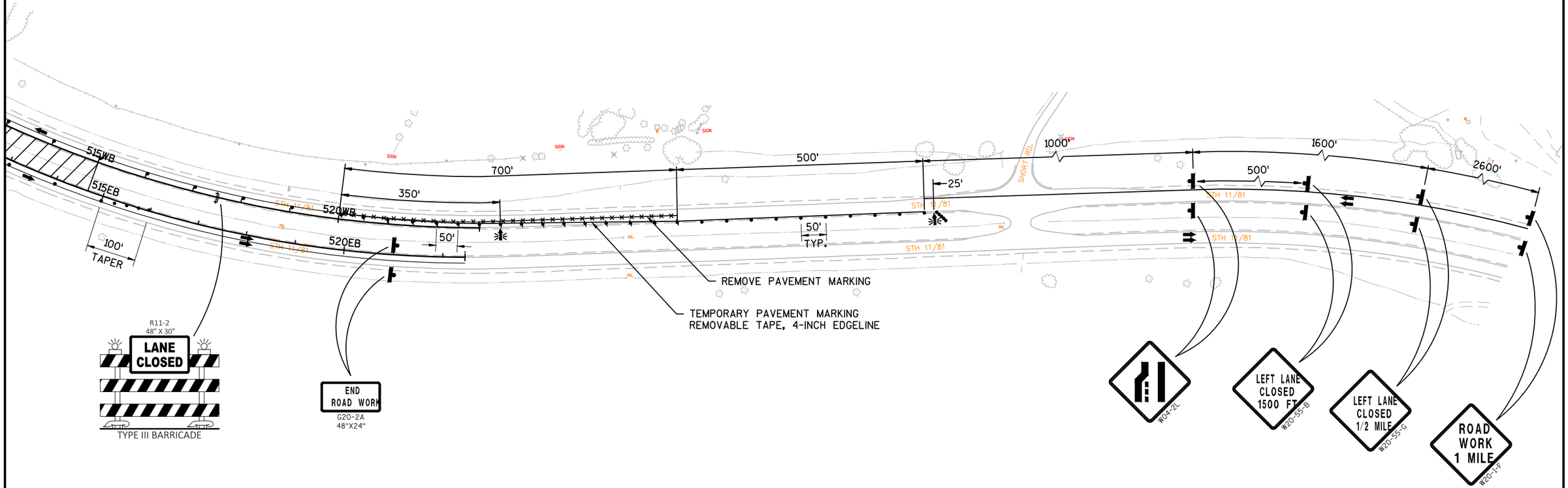
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 195	E

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR
- DIRECTION OF TRAFFIC
- REMOVE EXISTING PAVEMENT MARKING
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	TRAFFIC CONTROL - STAGE 4	SHEET 196	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\026001_S4.DWG
LAYOUT NAME - STAGE 4 SHEET 13

PLOT DATE : 1/16/2018 12:51 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

NOTE:
ALL SIGNS SHOWN ON DETOUR SHEETS SHALL BE PAID FOR AS TRAFFIC CONTROL DETOUR SIGNS UNLESS OTHERWISE NOTED.

N

STH 81
CTH N
2ND ST N
6TH AVE W
STH 11
W 8TH ST
STH 69
STH 11/69/81
18TH AVE
STH 11/81
CTH DR
STH 59
6TH ST
CITY OF MONROE

2

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOURS - STH 11 INTERCHANGE RAMPS	SHEET 197	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT.DWG
LAYOUT NAME - detour (1)
PLOT DATE : 2/1/2018 6:30 AM
PLOT BY : OLSON, RICHARD J
PLOT NAME :
PLOT SCALE : ##########

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

N

STH 69

STH 11/69/81

CTH D

18TH AVE

STH 11/81

CITY OF MONROE

M3-2 24"X12" / M1-6 24"X24" — EAST 59 — DE□O□R A□EAD W20-2A

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" — DETOUR EAST 59 — M05-1L 21"X21"

EXISTING NORTH 69

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" — DETOUR WEST 59 — MO6-1 21"X21"

M4-8A 24"X18" / M3-4 24"X12" / M1-6 24"X24" — END DETOUR WEST 59

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" — DETOUR EAST 59 — MO6-1 21"X21"

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" — DETOUR EAST 59 — MO6-1 21"X21"

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" — DETOUR EAST 59

M4-8 24"X12" / M3-4 24"X12" / M1-6 24"X24" — DETOUR WEST 59 — M05-1L 21"X21"

M3-2 36"X18" / M1-6 36"X36" — EAST 59 — DE□O□R A□EAD W20-2A

M4-8 24"X12" / M3-2 24"X12" / M1-6 24"X24" — DETOUR EAST 59 — MO6-1 21"X21"

EXISTING 69

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - TRAFFIC CONTROL STAGE 2A	SHEET 198	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (2)

PLOT DATE : 1/16/2018 1:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND

DETOUR ROUTE

EXISTING SIGN

PROPOSED SIGN

N

STH 11/81

WEISS LN

STH 59

R□M□□□□S□D

□R□D□ □□□□S□D

R□M□□□□S□D

6th STREET

ROAD
□ LO□ ED
A□ EAD
W20-3A

ROAD
□ LO□ ED
1000 FT
W20-3C

ROAD
□ LO□ ED
500 FT
W20-3D

STH 11/81

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - TRAFFIC CONTROL STAGE 2A	SHEET 199	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (3)

PLOT DATE : 1/16/2018 1:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN
- BARRICADE W/SIGN

DETOUR WEST 59 — M4-8 24"X12", M3-4 24"X12", M1-6 24"X24", MO5-1R 21"X21"

WEST 59 — M3-4 24"X12", M1-6 24"X24"

DETOUR AHEAD — W20-2A

STH 59

N

DETOUR WEST 59 — M4-8 24"X12", M3-4 24"X12", M1-6 24"X24"

EXISTING COUNTY DR

DETOUR WEST 59 — M4-8 24"X12", M3-4 24"X12", M1-6 24"X24", MO6-1 21"X21"

ROAD CLOSED 1 MILES AHEAD LOCAL TRAFFIC ONLY — R11-3 60"X30"

CTH DR

END DETOUR EAST 59 — M4-8A 24"X18", M3-2 24"X12", M1-6 24"X24", MO5-1L 21"X21"

EXISTING EAST 59 — M3-2 24"X12", MO6-1 21"X21"

DETOUR WEST 59 — M4-8 24"X12", M3-4 24"X12", M1-6 24"X24", MO6-1 21"X21"

DETOUR WEST 59 — M4-8 24"X12", M3-4 24"X12", M1-6 24"X24", MO5-1L 21"X21"

STH 59

2

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - TRAFFIC CONTROL STAGE 2A	SHEET 200	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (4)

PLOT DATE : 1/16/2018 1:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

2ND ST N

6TH AVE W

STH 11

STH 69

W 8TH ST

CITY OF MONROE

N

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-1 24"X12" | NORTH | EAST | M3-2 24"X12"
M1-6 24"X24" | 69 | 81 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-1 24"X12" | NORTH | EAST | M3-2 24"X12"
M1-6 24"X24" | 69 | 81 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-1 24"X12" | NORTH | EAST | M3-2 24"X12"
M1-6 24"X24" | 69 | 81 | M1-6 24"X24"
MO5-1R 21"X21" | MO5-1R 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-1 24"X12" | NORTH | EAST | M3-2 24"X12"
M1-6 24"X24" | 69 | 81 | M1-6 24"X24"

M3-1 24"X12" | NORTH | EAST | M3-2 24"X12"
M1-6 24"X24" | 69 | 81 | M1-6 24"X24"

DE OU R
A EAD
W20-2A

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-1 24"X12" | NORTH | EAST | M3-2 24"X12"
M1-6 24"X24" | 69 | 81 | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

M4-8 24"X12" | DETOUR | DETOUR | M4-8 24"X12"
M3-1 24"X12" | NORTH | EAST | M3-2 24"X12"
M1-6 24"X24" | 69 | 81 | M1-6 24"X24"
MO5-1L 21"X21" | MO5-1L 21"X21"

M4-8 24"X12" | DETOUR | SOUTH | M3-3 24"X12" | M1-6 24"X24" | 69 | M1-6 24"X24"

M4-8A 24"X18" | END DETOUR | SOUTH | M3-3 24"X12" | M1-6 24"X24" | 69 | MO5-1R 21"X21"

M3-3 24"X12" | SOUTH | M1-6 24"X24" | 69 | MO6-1 21"X21"

M3-1 24"X12" | NORTH | EAST | M3-2 24"X12" | M1-6 24"X24" | 69 | 81 | M1-6 24"X24"

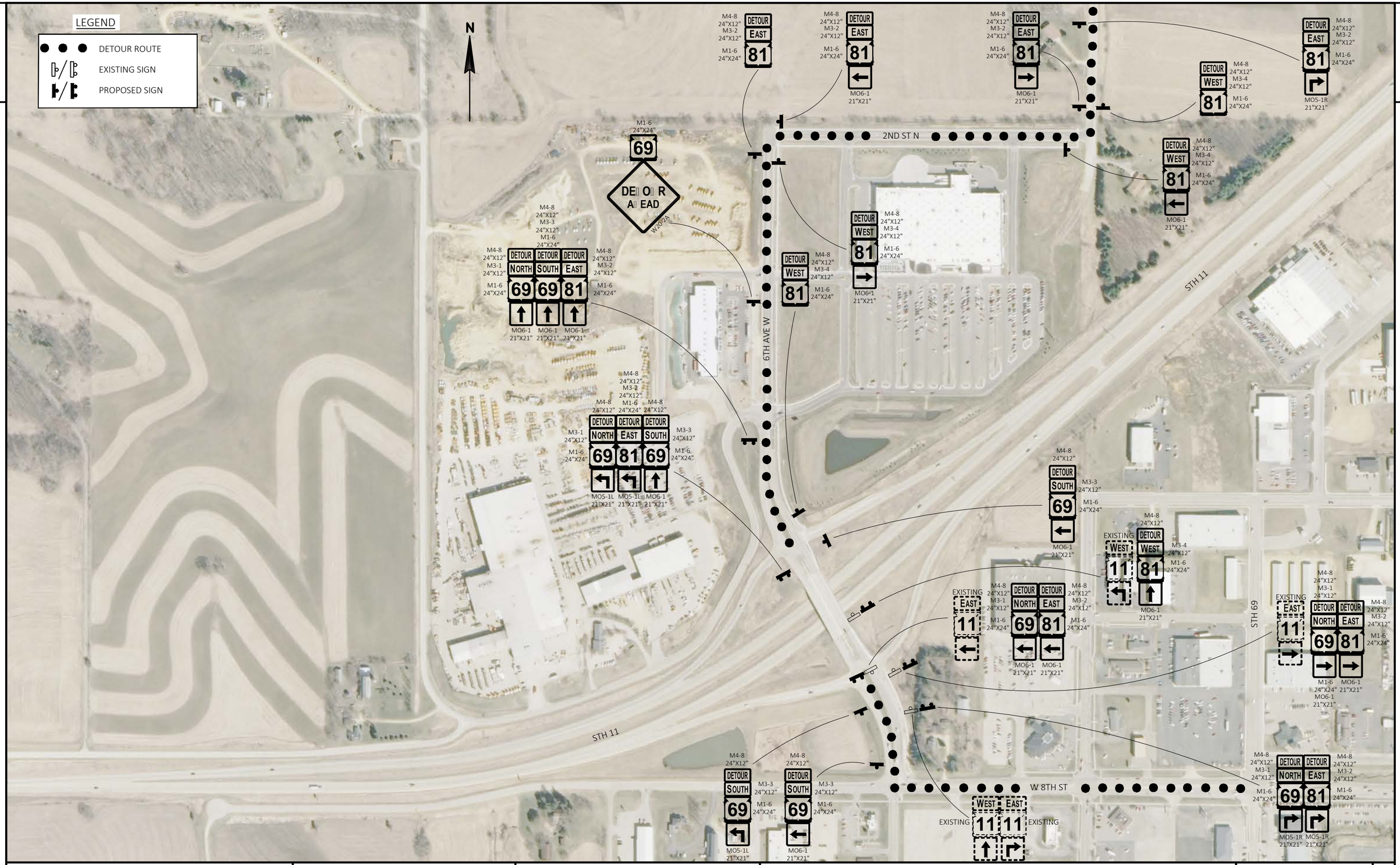
DE OU R
A EAD
W20-2A

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR-TRAFFIC CONTROL STAGE 2A & 2B	SHEET 201	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (6)

PLOT DATE : 1/16/2018 1:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ############

WISDOT/CADDS SHEET 42



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - TRAFFIC CONTROL STAGE 2A & 2B	SHEET 202	E

FILE NAME : N:\PDS\C3D\170602O2\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (7)
PLOT DATE : 1/16/2018 1:09 PM
PLOT BY : OLSON, RICHARD J
PLOT NAME :
PLOT SCALE : ##########

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

N

STH 81

CTH N

M3-2 24"X12"
EAST
M1-6 24"X24"
81
DETOUR AHEAD
W20-2A

M4-8 24"X12"
DETOUR
M3-2 24"X12"
EAST
M1-6 24"X24"
81
MO6-1 21"X21"

M4-8 24"X12"
DETOUR
M3-2 24"X12"
EAST
M1-6 24"X24"
81
MO5-1R 21"X21"

EXISTING
N

WEST
M3-4 24"X12"
81
EXISTING
MO6-1 21"X21"

EXISTING
EAST
81

M4-8 24"X12"
DETOUR
M3-2 24"X12"
EAST
M1-6 24"X24"
81
MO6-1 21"X21"

M4-8 24"X12"
DETOUR
M3-2 24"X12"
EAST
M1-6 24"X24"
81

WEST
M3-4 24"X12"
81
EXISTING
MO6-1 21"X21"

END DETOUR
M4-8A 24"X18"
WEST
M3-4 24"X12"
M1-6 24"X24"
81
MO5-1L 21"X21"

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - TRAFFIC CONTROL STAGE 2A & 2B	SHEET 203	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (8)

PLOT DATE : 1/16/2018 1:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

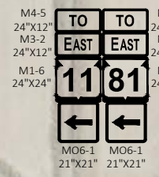
2

LEGEND

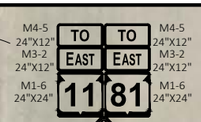
- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

M4-5 24"X12" | M3-2 24"X12" | M1-6 24"X24" | MO5-1L 21"X21"

M4-5 24"X12" | M3-2 24"X12" | M1-6 24"X24" | MO6-1 21"X21"



M4-5 24"X12" | M3-2 24"X12" | M1-6 24"X24"



STH 69

CTH D

STH 11/69/81

18TH AVE

STH 11/81

CITY OF MONROE

N

2

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - TRAFFIC CONTROL STAGE 2B	SHEET 204	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (2B)

PLOT DATE : 1/16/2018 1:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN
- BARRICADE W/SIGN

N

M4-5 24"X12" | TO EAST | M4-5 24"X12"
M3-2 24"X12" | M3-2 24"X12"
11 81
M1-6 24"X24" | M1-6 24"X24"

CTH DR

M4-5 24"X12" | TO EAST | M4-5 24"X12"
M3-2 24"X12" | M3-2 24"X12"
11 81
M1-6 24"X24" | M1-6 24"X24"
MO5-1R 21"X21" | MO5-1R 21"X21"

M4-5 24"X12" | TO EAST | M4-5 24"X12"
M3-2 24"X12" | M3-2 24"X12"
11 81
M1-6 24"X24" | M1-6 24"X24"
MO6-1 21"X21" | MO6-1 21"X21"

STH 59

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - TRAFFIC CONTROL STAGE 2B	SHEET 205	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_2A&B.DWG
LAYOUT NAME - detour (4B)

PLOT DATE : 1/16/2018 1:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND

DETOUR ROUTE

EXISTING SIGN

PROPOSED SIGN

2ND ST N

6TH AVE W

STH 11

STH 69

W 8TH ST

CITY OF MONROE

N

ROAD LOWERED
R11-2
48"X30"

ROAD LOWERED 500 FT
W20-3D

ROAD LOWERED 1000 FT
W20-3C

ROAD CLOSED 1/4 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED 1/2 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3
60"X30"

DETOUR AHEAD
W20-2A

DETOUR AHEAD
W20-2A

DETOUR NORTH 69 81
M4-8 24"X12"
M3-1 24"X12"
M1-6 24"X24"
MO6-1 21"X21"
MO5-1R 21"X21"

DETOUR SOUTH 69
M4-8 24"X12"
M3-3 24"X12"
M1-6 24"X24"

END DETOUR SOUTH 69
M4-8A 24"X18"
M3-3 24"X12"
M1-6 24"X24"
MO5-1R 21"X21"

SOUTH 69
M3-3 24"X12"
M1-6 24"X24"
MO6-1 21"X21"

NORTH 69 81
M3-1 24"X12"
M1-6 24"X24"
MO5-1L 21"X21"

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR STAGES 3A & 3B	SHEET 206	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_3A&B.DWG
LAYOUT NAME - detour (6)

PLOT DATE : 1/16/2018 1:10 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

N

2ND ST N

6TH AVE W

STH 11

STH 69

W 8TH ST

M1-6 24"X24" 69 DETOUR AHEAD W20-2A

M4-8 24"X12" M3-3 24"X12" M1-6 24"X24" DETOUR NORTH 69 | DETOUR SOUTH 69 | DETOUR EAST 81 M4-8 24"X12" M3-1 24"X12" M3-2 24"X12" M1-6 24"X24" MO6-1 21"X21"

M4-8 24"X12" M3-2 24"X12" M1-6 24"X24" DETOUR EAST 81 MO6-1 21"X21"

M4-8 24"X12" M3-2 24"X12" M1-6 24"X24" DETOUR EAST 81 MO6-1 21"X21"

M4-8 24"X12" M3-2 24"X12" M1-6 24"X24" DETOUR EAST 81 MO5-1R 21"X21"

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO6-1 21"X21"

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO6-1 21"X21"

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO6-1 21"X21"

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO6-1 21"X21"

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO5-1R 21"X21"

M4-8 24"X12" M3-3 24"X12" M1-6 24"X24" DETOUR SOUTH 69 MO5-1L 21"X21"

M4-8 24"X12" M3-2 24"X12" M1-6 24"X24" M4-8 24"X12" DETOUR NORTH 69 | DETOUR EAST 81 | DETOUR SOUTH 69 M3-1 24"X12" M3-3 24"X12" M1-6 24"X24" MO5-1L 21"X21" MO5-1L 21"X21" MO6-1 21"X21"

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO5-1L 21"X21"

M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO6-1 21"X21"

M4-8 24"X12" DETOUR SOUTH 69 M3-3 24"X12" M1-6 24"X24" MO6-1 21"X21"

EXISTING WEST 11 M4-8 24"X12" M3-4 24"X12" M1-6 24"X24" DETOUR WEST 81 MO6-1 21"X21"

EXISTING EAST 11 M4-8 24"X12" M3-1 24"X12" M1-6 24"X24" DETOUR NORTH 69 | DETOUR EAST 81 M4-8 24"X12" M3-2 24"X12" M1-6 24"X24" MO6-1 21"X21" MO6-1 21"X21"

EXISTING EAST 11 M4-8 24"X12" M3-1 24"X12" M1-6 24"X24" DETOUR NORTH 69 | DETOUR EAST 81 M4-8 24"X12" M3-2 24"X12" M1-6 24"X24" MO6-1 21"X21" MO6-1 21"X21"

M4-8 24"X12" M3-1 24"X12" M4-8 24"X12" M3-4 24"X12" M3-2 24"X12" M1-6 24"X24" DETOUR WEST 81 | DETOUR NORTH 69 | DETOUR EAST 81 M1-6 24"X24" MO6-1 21"X21" M1-6 24"X24" MO5-1R 21"X21" MO6-1 21"X21"

EXISTING WEST 11 | EAST 11 EXISTING

M4-8 24"X12" DETOUR SOUTH 69 M3-3 24"X12" M1-6 24"X24" MO5-1R 21"X21"

M4-8 24"X12" DETOUR SOUTH 69 M3-3 24"X12" M1-6 24"X24" MO6-1 21"X21"

M4-8 24"X12" DETOUR SOUTH 69 M3-3 24"X12" M1-6 24"X24" MO5-1L 21"X21"

M4-8 24"X12" DETOUR SOUTH 69 M3-3 24"X12" M1-6 24"X24" MO6-1 21"X21"

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR STAGES 3A &3B	SHEET 207	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_3A&B.DWG
LAYOUT NAME - detour (7)

PLOT DATE : 1/16/2018 1:10 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

N

CTH N

STH 81

1000'

EAST 81 — M3-2 24"X12", M1-6 24"X24" — DETOUR AHEAD — W20-2A

M4-8 24"X12" — DETOUR — EAST 81 — M3-2 24"X12", M1-6 24"X24" — MO6-1 21"X21"

EAST 81 — M3-2 24"X12", M1-6 24"X24" — DETOUR AHEAD — W20-2A

M4-8 24"X12" — DETOUR — EAST 81 — M3-2 24"X12", M1-6 24"X24" — MO5-1R 21"X21"

WEST 81 — M3-4 24"X12" — EXISTING — MO6-1 21"X21"

EXISTING N

M4-8 24"X12" — DETOUR — EAST 81 — M3-2 24"X12", M1-6 24"X24" — MO6-1 21"X21"

WEST 81 — M3-4 24"X12" — EXISTING — MO6-1 21"X21"

M4-8 24"X12" — DETOUR — EAST 81 — M3-2 24"X12", M1-6 24"X24"

END DETOUR WEST 81 — M4-8A 24"X18", M3-4 24"X12", M1-6 24"X24" — MO5-1L 21"X21"

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR STAGES 3A & 3B	SHEET 208	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_3A&B.DWG
LAYOUT NAME - detour (8)

PLOT DATE : 1/16/2018 1:10 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

M3-3 24"X12" / M1-6 24"X24" — SOUTH 69 — DE O R A EAD W20-2A

M4-8 24"X12" / M3-3 24"X12" / M1-6 24"X24" — DETOUR SOUTH 69 — M5-1L 21"X21"

NORTH 69 EXISTING — M3-1 24"X12"

M4-8 24"X12" / M3-3 24"X12" / M1-6 24"X24" — DETOUR SOUTH 69 — MO6-1 21"X21"

O WE 11 1 OLLOW DE O R

(OR PCMS)

M4-8 24"X12" / M3-3 24"X12" / M1-6 24"X24" — DETOUR SOUTH 69

M4-8A 24"X18" / M3-1 24"X12" / M1-6 24"X24" — END DETOUR NORTH 69 — MO5-1R 21"X21"

STH 69

CTH D

STH 11/69/81

O WE 11 1 OLLOW DE O R

(OR PCMS)

18TH AVE

M4-8 24"X12" / M3-3 24"X12" / M1-6 24"X24" — DETOUR SOUTH 69 — MO6-1 21"X21"

M3-3 24"X12" / M1-6 36"X36" — SOUTH 69 — DE O R A EAD W20-2A

STH 11/81

CITY OF MONROE

N

2

2

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR STAGE 3B	SHEET 209	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_3A&B.DWG
LAYOUT NAME - detour (2)

PLOT DATE : 1/16/2018 1:10 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ##########

2

2

LEGEND

- DETOUR ROUTE
- EXISTING SIGN
- PROPOSED SIGN

N

STH 59

CTH DR

STH 59

DETOUR NORTH 69 — M4-8 24"X12", M3-1 24"X12", M1-6 24"X24", MO5-1R 21"X21"

NORTH 69 — M3-1 24"X12", M1-6 24"X24"

DETOUR AHEAD — W20-2A

DETOUR NORTH 69 — M4-8 24"X12", M3-1 24"X12", M1-6 24"X24", MO6-1 21"X21"

EXISTING COUNTY DR

DETOUR NORTH 69 — M4-8 24"X12", M3-1 24"X12", M1-6 24"X24"

EXISTING 59

SIGN# SIZE

DETOUR SOUTH 69 — M4-8 24"X12", M3-3 24"X12", M1-6 24"X24", MO5-1R 21"X21"

DETOUR SOUTH 69 — M4-8 24"X12", M3-3 24"X12", M1-6 24"X24", MO6-1 21"X21"

DETOUR SOUTH 69 — M4-8 24"X12", M3-3 24"X12", M1-6 24"X24"

DETOUR NORTH 69 — M4-8 24"X12", M3-1 24"X12", M1-6 24"X24", MO6-1 21"X21"

DETOUR NORTH 69 — M4-8 24"X12", M3-1 24"X12", M1-6 24"X24", MO5-1L 21"X21"

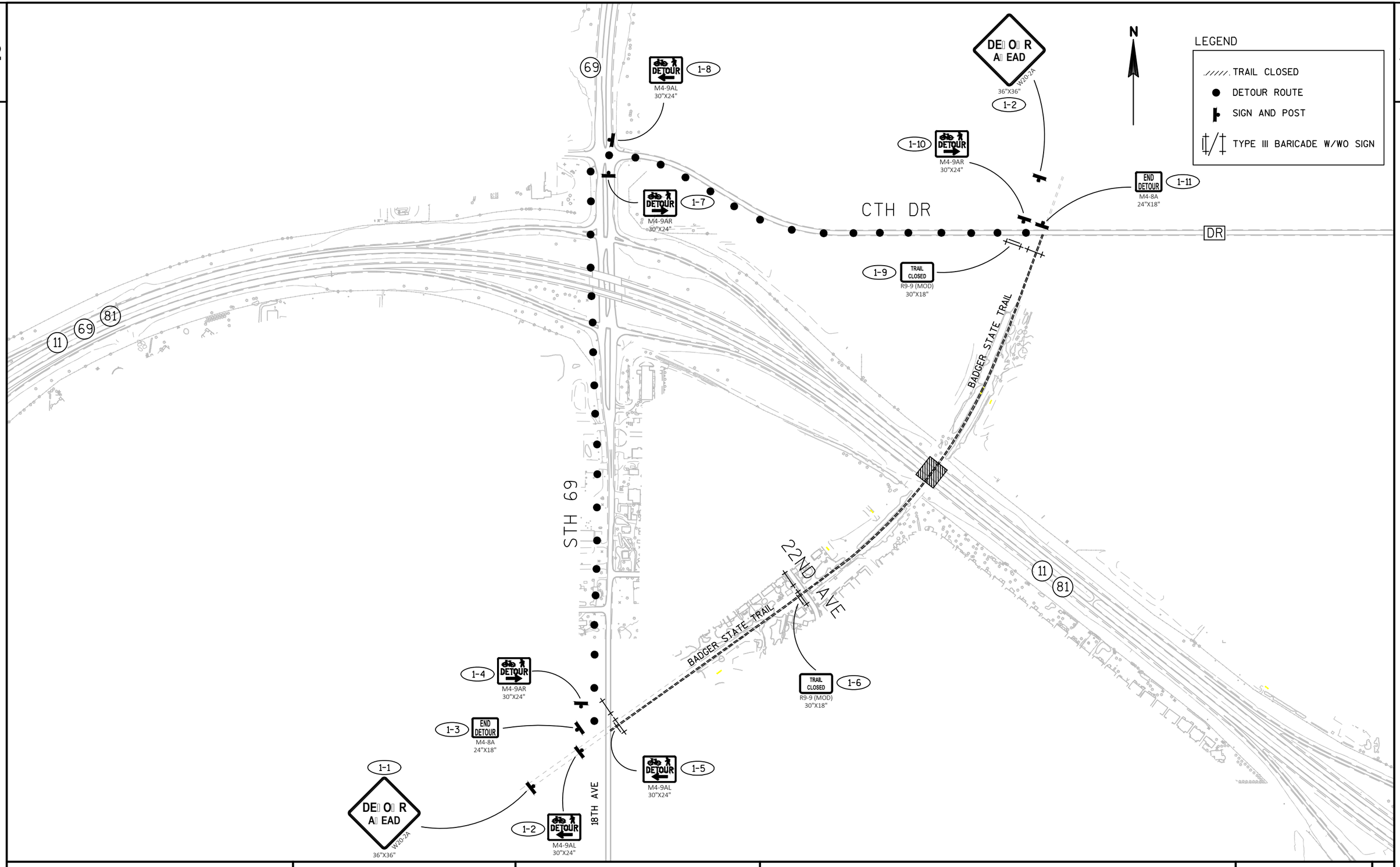
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR STAGE 3B	SHEET 210	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\027002_DT_3A&B.DWG
LAYOUT NAME - detour (4)

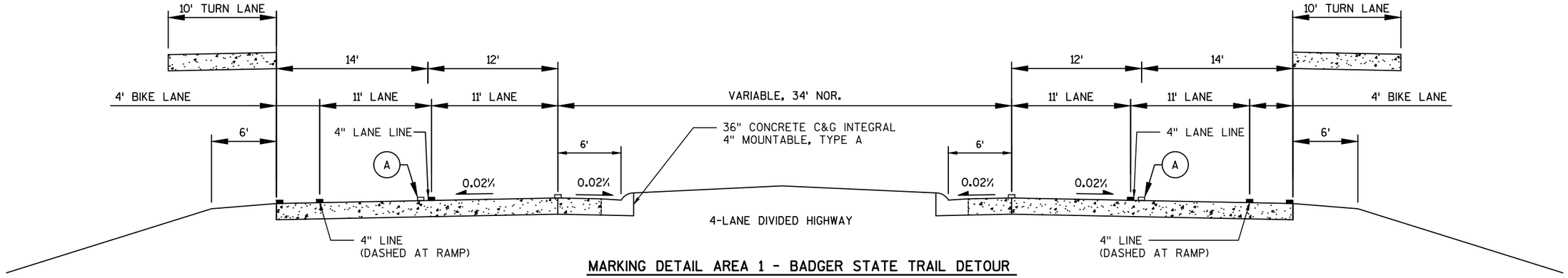
PLOT DATE : 1/16/2018 1:10 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : ############

WISDOT/CADDS SHEET 42

2

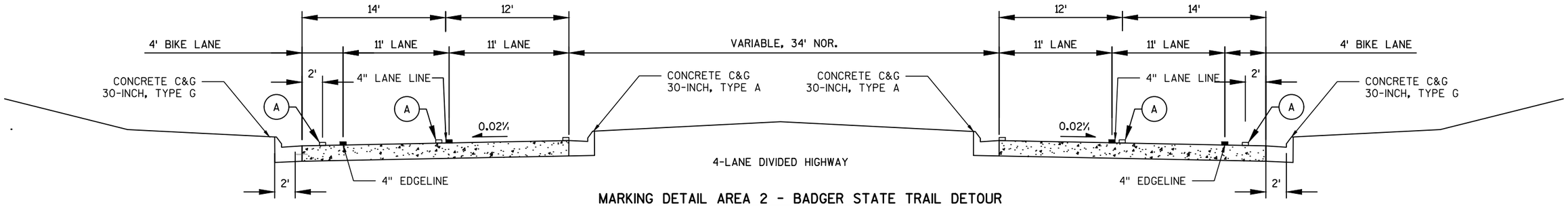


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	DETOUR - BADGER STATE TRAIL	SHEET 211	E



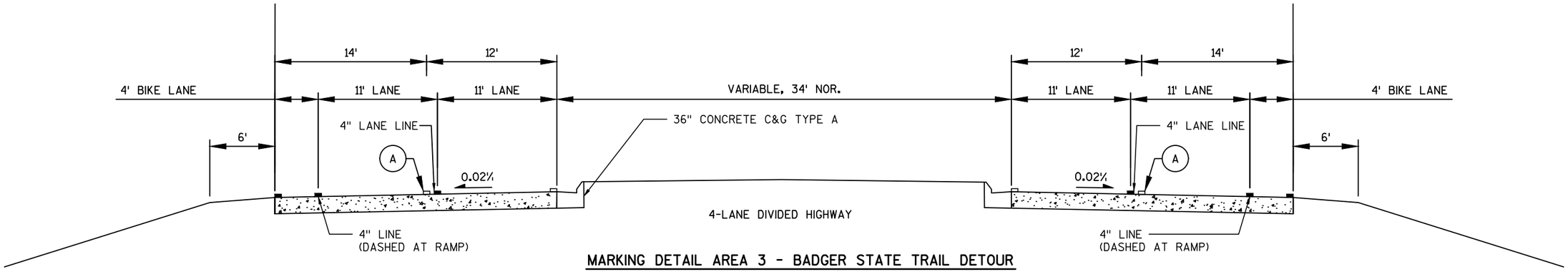
MARKING DETAIL AREA 1 - BADGER STATE TRAIL DETOUR

STH 69



MARKING DETAIL AREA 2 - BADGER STATE TRAIL DETOUR

STH 69 BRIDGE



MARKING DETAIL AREA 3 - BADGER STATE TRAIL DETOUR

18TH AVE

LEGEND

- MARKING LINE (EXISTING PAINT)
- TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH
- (A) TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

PROJECT NO:1706-02-72	HWY: STH 69	COUNTY: GREEN	MARKING DETAIL - BADGER STATE TRAIL DETOUR	SHEET 212	E

N

LEGEND

1 MARKING DETAIL AREA 1

2 MARKING DETAIL AREA 2

3 MARKING DETAIL AREA 3

SINGLE PAVEMENT MARKING

DOUBLE PAVEMENT MARKING
(DASHED AT INTERCHANGE RAMP TERMINI)

SEE SDD 15C-29-5a BICYCLE LANE MARKING
FOR GENERAL NOTES

BADGER STATE TRAIL DETOUR - STH 69/18TH AVE.

SEE MARKING DETAIL- BADGER STATE TRAIL DETOUR

18TH AVE.
5' PAVED SHOULDERS

18TH AVE.
5' PAVED SHOULDERS

STH 69
4-LANE DIVIDED HIGHWAY
12'&14' LANES, TURN LANES & TAPERS

18TH AVE

18th AVE

1st ST

AEBLY RD

CTH DR

STH 69

STH 11 WB

STH 11 EB

STH 11/81

495GW

500GW

505GW

510GW

515GW

420GE

425GE

430GE

435GE

440GE

18TH AVE.
5' PAVED SHOULDERS

18TH AVE
4-LANE DIVIDED HIGHWAY TO 2-LANE TRANSITION
2-12' LANES, 5-6' ASPHALTIC SHOULDERS

18TH AVE.
5' PAVED SHOULDERS

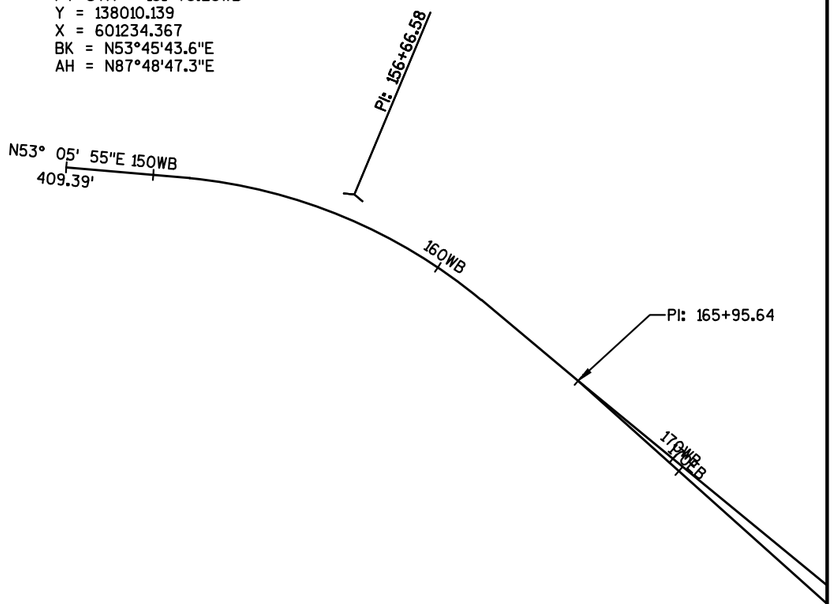
CTH DR
2-15' LANES

BADGER STATE TRAIL DETOUR - CTH DR

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	MARKING OVERVIEW - BADGER STATE TRAIL DETOUR	SHEET 213	E

2

PI STA = 156+66.58WB
Y = 137989.343
X = 600689.783
DELTA = 34°03'04"
D = 3°13'10"
T = 544.98'
L = 1057.69'
R = 1779.72'
PC STA = 151+21.60WB
Y = 137667.183
X = 600250.218
PT STA = 161+79.29WB
Y = 138010.139
X = 601234.367
BK = N53°45'43.6"E
AH = N87°48'47.3"E



PROJECT NO:1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 11	SHEET 214	E

2

PI STA = 189+93.54WB
Y = 138141.710
X = 604045.471
DELTA = 38°31'29"
D = 2°02'28"
T = 980.94'
L = 1887.40'
R = 2807.04'
PC STA = 180+12.60WB
Y = 138089.467
X = 603065.924
PT STA = 199+00.00WB
Y = 138792.694
X = 604779.270
BK = N86°56'49.4"E
AH = N48°25'20.7"E

BP STA = 199+00.00WB
Y = 138792.69
X = 604799.27

PI STA = 206+50.00WB
Y = 139287.43
X = 605342.95

PI STA = 214+25.00WB
Y = 139798.58
X = 605925.48

PI STA = 222+00.00WB
Y = 140310.04
X = 606507.76

PI STA = 227+75.00WB
Y = 140689.60
X = 606939.68

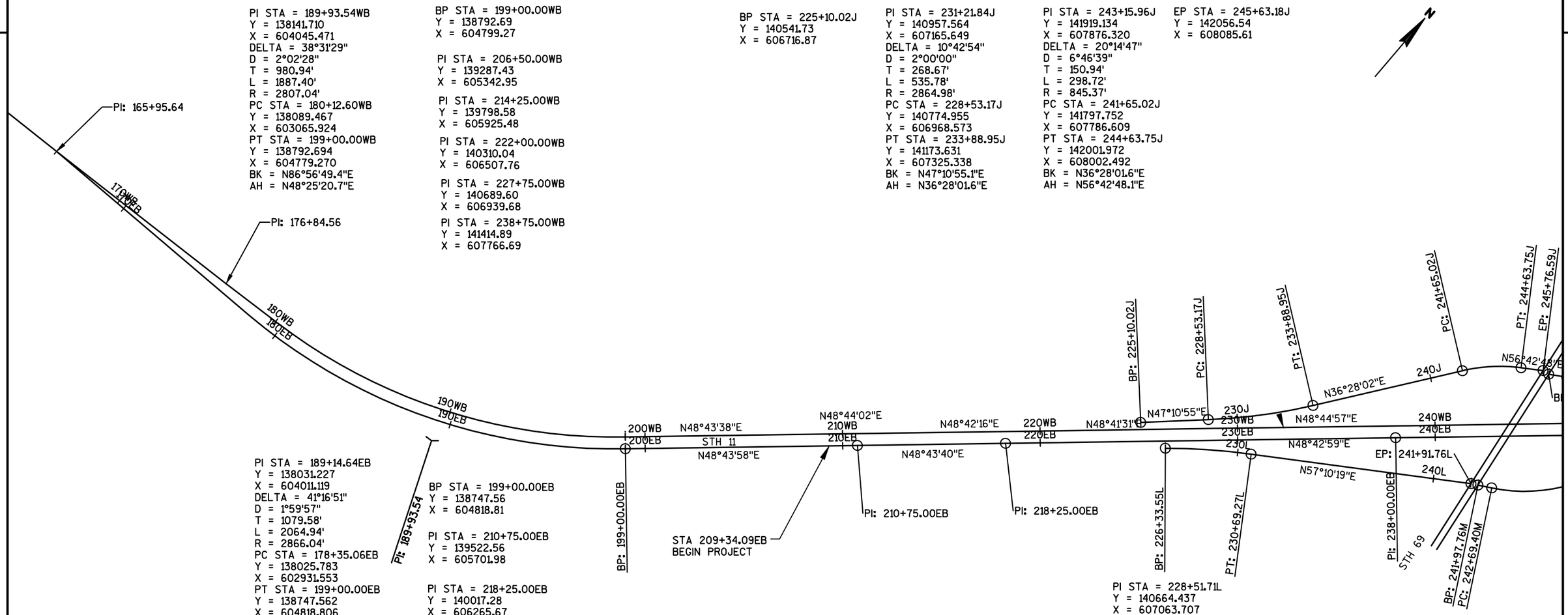
PI STA = 238+75.00WB
Y = 141414.89
X = 607766.69

BP STA = 225+10.02J
Y = 140541.73
X = 606716.87

PI STA = 231+21.84J
Y = 140957.564
X = 607165.649
DELTA = 10°42'54"
D = 2°00'00"
T = 268.67'
L = 535.78'
R = 2864.98'
PC STA = 228+53.17J
Y = 140774.955
X = 606968.573
PT STA = 233+88.95J
Y = 141173.631
X = 607325.338
BK = N47°10'55.1"E
AH = N36°28'01.6"E

PI STA = 243+15.96J
Y = 141919.134
X = 607876.320
DELTA = 20°14'47"
D = 6°46'39"
T = 150.94'
L = 298.72'
R = 845.37'
PC STA = 241+65.02J
Y = 141797.752
X = 607786.609
PT STA = 244+63.75J
Y = 142001.972
X = 608002.492
BK = N36°28'01.6"E
AH = N56°42'48.1"E

EP STA = 245+63.18J
Y = 142056.54
X = 608085.61



PI STA = 189+14.64EB
Y = 138031.227
X = 604011.119
DELTA = 41°16'51"
D = 1°59'57"
T = 1079.58'
L = 2064.94'
R = 2866.04'
PC STA = 178+35.06EB
Y = 138025.783
X = 602931.553
PT STA = 199+00.00EB
Y = 138747.562
X = 604818.806
BK = N89°42'39.8"E
AH = N48°25'49.0"E

BP STA = 199+00.00EB
Y = 138747.56
X = 604818.81

PI STA = 210+75.00EB
Y = 139522.56
X = 605701.98

PI STA = 218+25.00EB
Y = 140017.28
X = 606265.67

PI STA = 238+00.00EB
Y = 141320.36
X = 607749.79

PI STA = 228+51.71L
Y = 140664.437
X = 607063.707
DELTA = 7°19'46"
D = 1°40'56"
T = 218.16'
L = 435.72'
R = 3406.19'
PC STA = 226+33.55L
Y = 140523.749
X = 606896.974
PT STA = 230+69.27L
Y = 140782.704
X = 607247.026
BK = N49°50'33.5"E
AH = N57°10'19.1"E

EP STA = 241+78.54L
Y = 141384.06
X = 608179.14

PROJECT NO:1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 11	SHEET 215	E

PI STA = 283+82.24WB
Y = 144390.377
X = 611152.207
DELTA = 79°38'54"
D = 1°22'44"
T = 3464.95'
L = 5776.24'
R = 4155.19'
PC STA = 249+17.29WB
Y = 142102.968
X = 608549.585
PT STA = 306+93.53WB
Y = 142241.134
X = 613870.045
BK = N48°41'17.5"E
AH = S51°39'48.0"E

PI STA = 315+50.00WB
Y = 141709.88
X = 614541.84

PI STA = 245+47.01K
Y = 142074.95
X = 608141.87

PI STA = 247+82.07K
Y = 142196.251
X = 608343.205
DELTA = 4°28'10"
D = 1°25'52"
T = 156.25'
L = 312.34'
R = 4003.96'
PC STA = 246+25.82K
Y = 142115.617
X = 608209.370
PT STA = 249+38.16K
Y = 142266.209
X = 608482.916
BK = N58°55'54.3"E
AH = N63°24'04.4"E

PI STA = 252+02.63K
Y = 142384.63
X = 608719.40

PI STA = 256+63.48K
Y = 142590.72
X = 609131.72

PI STA = 259+38.23K
Y = 142710.60
X = 609378.82

PI STA = 274+84.90S
Y = 143162.297
X = 610857.535
DELTA = 6°58'44"
D = 1°31'49"
T = 228.31'
L = 456.06'
R = 3744.12'
PC STA = 272+56.59S
Y = 143120.845
X = 610633.017
PT STA = 277+12.65S
Y = 143176.162
X = 611085.426
BK = N79°32'21.7"E
AH = N86°31'06.2"E

PI STA = 280+32.32S
Y = 143195.575
X = 611404.509
DELTA = 7°08'00"
D = 2°27'45"
T = 145.03'
L = 289.69'
R = 2326.82'
PC STA = 278+87.29S
Y = 143186.768
X = 611259.744
PT STA = 281+76.98S
Y = 143222.291
X = 611547.059
BK = N86°31'06.2"E
AH = N79°23'06.2"E

PI STA = 285+59.45S
Y = 143292.746
X = 611922.987
DELTA = 13°00'48"
D = 4°18'29"
T = 151.69'
L = 302.08'
R = 1330.00'
PC STA = 284+07.76S
Y = 143264.803
X = 611773.890
PT STA = 287+09.84S
Y = 143286.398
X = 612074.546
BK = N79°23'06.2"E
AH = S87°36'05.4"E

PI STA = 295+11.22T
Y = 143083.114
X = 613010.703
DELTA = 30°08'00"
D = 4°00'28"
T = 384.84'
L = 751.86'
R = 1429.60'
PC STA = 291+26.37T
Y = 143171.201
X = 612636.077
PT STA = 298+78.24T
Y = 142818.865
X = 613290.482
BK = S76°46'05.7"E
AH = S46°38'06.2"E

PI STA = 304+45.90T
Y = 142429.081
X = 613703.172
DELTA = 3°28'01"
D = 1°16'29"
T = 136.04'
L = 271.99'
R = 4494.82'
PC STA = 303+09.87T
Y = 142522.490
X = 613604.274
PT STA = 305+81.86T
Y = 142341.824
X = 613807.538
BK = S46°38'06.2"E
AH = S50°06'07.7"E

PI STA = 283+28.97EB
Y = 144307.765
X = 611153.760
DELTA = 79°33'29"
D = 1°23'57"
T = 3409.36'
L = 5686.23'
R = 4095.09'
PC STA = 249+19.61EB
Y = 142058.883
X = 608591.293
PT STA = 306+05.84EB
Y = 142195.323
X = 613829.820
BK = N48°43'44.6"E
AH = S51°42'46.6"E

PI STA = 321+73.55EB
Y = 141223.96
X = 615060.34

PI STA = 280+73.73U
Y = 143061.420
X = 611499.158
DELTA = 26°42'39"
D = 2°28'04"
T = 551.19'
L = 1082.35'
R = 2321.68'
PC STA = 275+22.54U
Y = 143025.560
X = 610949.132
PT STA = 286+04.89U
Y = 142846.224
X = 612006.608
BK = N86°16'11.1"E
AH = S67°01'10.0"E

PI STA = 288+36.24U
Y = 142755.898
X = 612219.602
DELTA = 11°26'40"
D = 7°32'18"
T = 76.16'
L = 151.82'
R = 760.07'
PC STA = 287+60.08U
Y = 142785.634
X = 612149.483
PT STA = 289+11.90U
Y = 142740.667
X = 612294.226
BK = S67°01'10.0"E
AH = S78°27'50.3"E

PI STA = 290+18.68U
Y = 142719.31
X = 612398.85

PI STA = 291+33.57V
Y = 142695.40
X = 612459.94

PI STA = 294+06.57V
Y = 142641.961
X = 612727.653
DELTA = 1°40'29"
D = 0°55'27"
T = 90.60'
L = 181.18'
R = 6199.06'
PC STA = 293+15.97V
Y = 142659.694
X = 612638.809
PT STA = 294+97.15V
Y = 142626.831
X = 612816.978
BK = S78°42'43.8"E
AH = S80°23'12.3"E

PI STA = 298+96.21V
Y = 142560.190
X = 613210.429
DELTA = 22°34'31"
D = 5°04'20"
T = 225.46'
L = 445.07'
R = 1129.58'
PC STA = 296+70.75V
Y = 142597.842
X = 612988.135
PT STA = 301+15.82V
Y = 142440.086
X = 613401.236
BK = S80°23'12.3"E
AH = S57°48'41.0"E

PI STA = 303+74.57V
Y = 142302.248
X = 613620.216
DELTA = 4°49'55"
D = 3°49'11"
T = 63.29'
L = 126.50'
R = 1500.00'
PC STA = 303+11.28V
Y = 142335.962
X = 613566.655
PT STA = 304+37.78V
Y = 142264.142
X = 613670.747
BK = S57°48'41.0"E
AH = S52°58'45.7"E

PI STA = 308+24.79V
Y = 142031.34
X = 613979.45

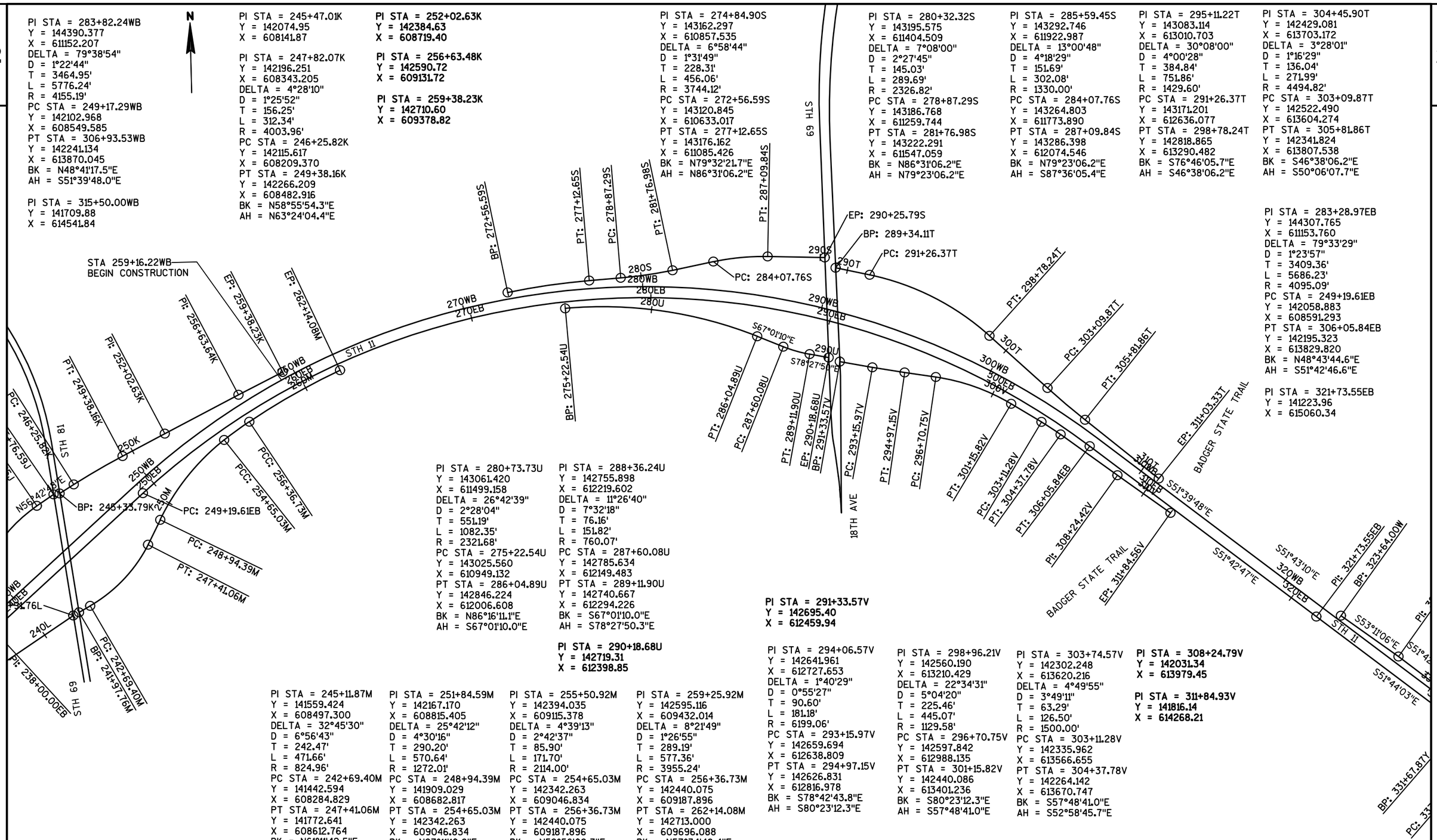
PI STA = 311+84.93V
Y = 141816.14
X = 614268.21

PI STA = 245+11.87M
Y = 141559.424
X = 608497.300
DELTA = 32°45'30"
D = 6°56'43"
T = 242.47'
L = 471.66'
R = 824.96'
PC STA = 242+69.40M
Y = 141442.594
X = 608284.829
PT STA = 247+41.06M
Y = 141772.641
X = 608612.764
BK = N61°11'42.5"E
AH = N28°26'12.9"E

PI STA = 251+84.59M
Y = 142167.170
X = 608815.405
DELTA = 25°42'12"
D = 4°30'16"
T = 290.20'
L = 570.64'
R = 1272.01'
PC STA = 248+94.39M
Y = 141909.029
X = 608682.817
PT STA = 254+65.03M
Y = 142342.263
X = 609046.834
BK = N27°11'10.8"E
AH = N52°53'23.2"E

PI STA = 255+50.92M
Y = 142394.035
X = 609115.378
DELTA = 4°39'13"
D = 2°42'37"
T = 85.90'
L = 171.70'
R = 2114.00'
PC STA = 254+65.03M
Y = 142342.263
X = 609046.834
PT STA = 256+36.73M
Y = 142440.075
X = 609187.896
BK = N52°56'09.3"E
AH = N57°35'22.4"E

PI STA = 259+25.92M
Y = 142595.116
X = 609432.014
DELTA = 8°21'49"
D = 1°26'55"
T = 289.19'
L = 577.36'
R = 3955.24'
PC STA = 256+36.73M
Y = 142440.075
X = 609187.896
PT STA = 262+14.08M
Y = 142713.000
X = 609696.088
BK = N57°34'48.4"E
AH = N65°56'37.3"E



PROJECT NO: 1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 11	SHEET 216	E

2

BP STA = 323+64.00W
Y = 141226.08
X = 615196.90

PI STA = 327+54.01W
Y = 140992.37
X = 615509.12

PI STA = 330+54.01W
Y = 140806.50
X = 615744.61

PI STA = 337+43.27W
Y = 140390.367
X = 616294.081
DELTA = 12°41'33"
D = 1°38'13"
T = 389.26'
L = 775.33'
R = 3500.00'
PC STA = 333+54.01W
Y = 140625.377
X = 615983.769
PT STA = 341+29.35W
Y = 140229.280
X = 616648.446
BK = S52°51'43.5"E
AH = S65°33'16.1"E

EP STA = 348+62.09W
Y = 139933.67
X = 617298.75

PI STA = 328+00.51WB
Y = 140935.18
X = 615523.48

PI STA = 349+10.19WB
Y = 139628.116
X = 617179.477
DELTA = 6°46'53"
D = 0°14'58"
T = 1360.19'
L = 2711.21'
R = 22958.07'
PC STA = 335+50.00WB
Y = 140470.831
X = 616111.788
PT STA = 362+67.21WB
Y = 138917.369
X = 618339.204
BK = S51°42'59.0"E
AH = S58°29'51.5"E

PI STA = 371+50WB
Y = 138456.08
X = 619091.88

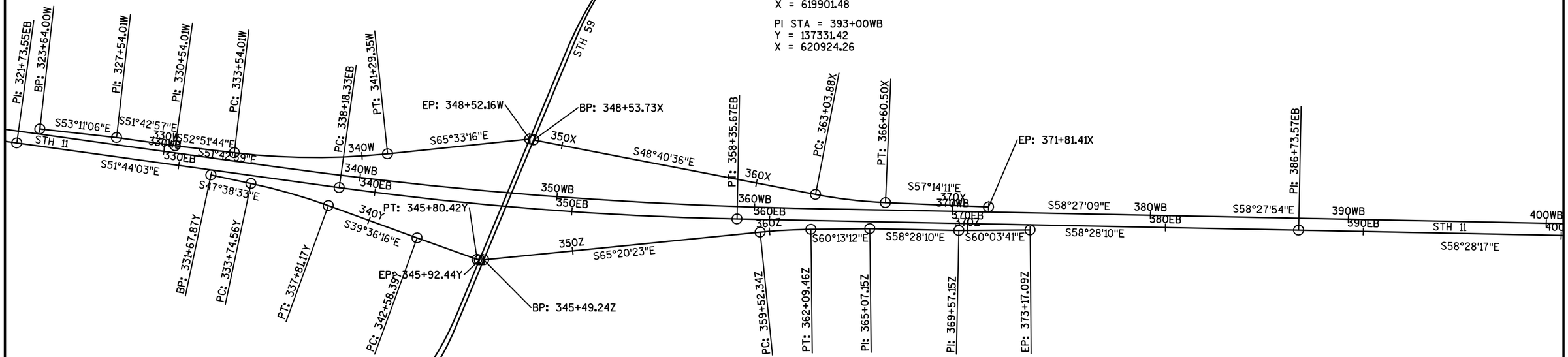
PI STA = 381+00WB
Y = 137959.04
X = 619901.48

PI STA = 393+00WB
Y = 137331.42
X = 620924.26

BP STA = 348+62.09X
Y = 139910.33
X = 617327.13

PI STA = 364+82.52X
Y = 138840.341
X = 618544.068
DELTA = 8°33'35"
D = 2°24'01"
T = 178.64'
L = 356.61'
R = 2387.04'
PC STA = 363+03.88X
Y = 138958.298
X = 618409.910
PT STA = 366+60.50X
Y = 138743.666
X = 618694.288
BK = S48°40'36.0"E
AH = S57°14'11.2"E

EP STA = 371+81.41X
Y = 138461.76
X = 619132.33



BP STA = 331+67.87Y
Y = 140587.76
X = 615824.92

PI STA = 335+78.20Y
Y = 140311.303
X = 616128.138
DELTA = 8°02'18"
D = 1°58'37"
T = 203.64'
L = 406.61'
R = 2898.28'
PC STA = 333+74.56Y
Y = 140448.506
X = 615977.657
PT STA = 337+81.17Y
Y = 140154.406
X = 616257.954
BK = S47°38'33.3"E
AH = S39°36'15.6"E

PI STA = 344+19.41Y
Y = 139662.668
X = 616664.818
DELTA = 0°52'01"
D = 0°16'09"
T = 161.01'
L = 322.02'
R = 21280.56'
PC STA = 342+58.39Y
Y = 139786.724
X = 616562.174
PT STA = 345+80.42Y
Y = 139540.179
X = 616769.327
BK = S39°36'15.6"E
AH = S40°28'16.8"E

PI STA = 348+28.16EB
Y = 139579.939
X = 617144.601
DELTA = 6°44'06"
D = 0°20'02"
T = 1009.83'
L = 2017.33'
R = 17161.58'
PC STA = 338+18.33EB
Y = 140205.337
X = 616351.737
PT STA = 358+35.67EB
Y = 139051.843
X = 618005.339
BK = S51°44'03.2"E
AH = S58°28'09.5"E

PI STA = 386+73.57EB
Y = 137567.75
X = 620424.25

BP STA = 345+57.36Z
Y = 139517.39
X = 616804.28

PI STA = 360+80.99Z
Y = 138881.678
X = 618188.944
DELTA = 5°07'12"
D = 1°59'29"
T = 128.64'
L = 257.11'
R = 2877.33'
PC STA = 359+52.34Z
Y = 138935.352
X = 618072.034
PT STA = 362+09.46Z
Y = 138817.785
X = 618300.598
BK = S65°20'23.4"E
AH = S60°13'11.9"E

PI STA = 365+07.15Z
Y = 138669.93
X = 618558.98

PI STA = 369+57.15Z
Y = 138434.60
X = 618942.54

EP STA = 373+17.09Z
Y = 138254.96
X = 619254.45

PROJECT NO:1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 11	SHEET 217	E

PI STA = 402+00.00WB
Y = 136860.96
X = 621691.51

PI STA = 415+75.00WB
Y = 136142.16
X = 622863.67

PI STA = 422+00.00WB
Y = 135815.35
X = 623396.42

PI STA = 438+89.07WB
Y = 134932.645
X = 624836.494
DELTA = 35°00'03"
D = 1°58'51"
T = 912.01'
L = 1766.93'
R = 2892.43'
PC STA = 429+77.07WB
Y = 135409.257
X = 624058.937
PT STA = 447+44.00WB
Y = 134988.229
X = 625746.804
BK = S58°29'35.9"E
AH = N86°30'20.8"E

PI STA = 455+00.00WB
Y = 135034.31
X = 626501.40

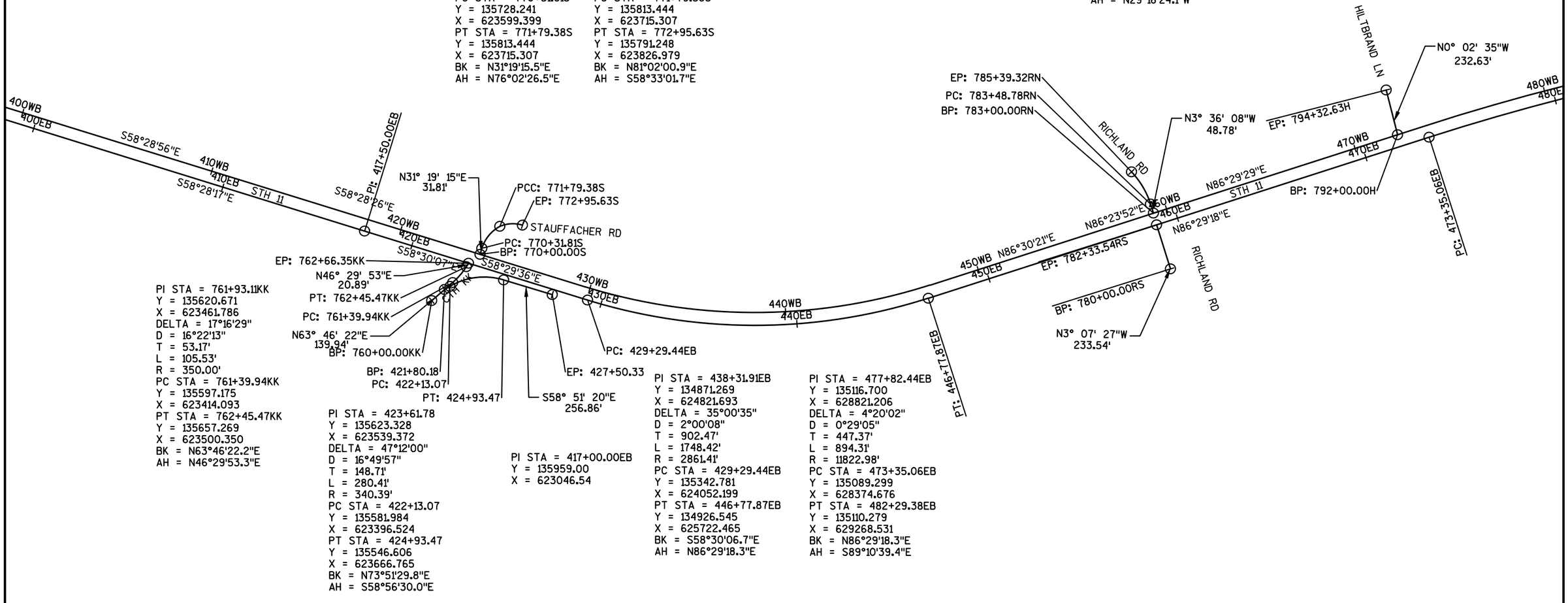
PI STA = 460+75.00WB
Y = 135070.43
X = 627075.26

PI STA = 478+20.13WB
Y = 135177.233
X = 628817.125
DELTA = 4°21'16"
D = 0°28'41"
T = 455.60'
L = 910.76'
R = 11984.04'
PC STA = 473+64.53WB
Y = 135149.350
X = 628362.378
PT STA = 482+75.30WB
Y = 135170.508
X = 629272.677
BK = N86°29'29.0"E
AH = S89°09'15.3"E

PI STA = 771+09.58S
Y = 135794.682
X = 623639.829
DELTA = 44°43'11"
D = 30°18'13"
T = 77.78'
L = 147.57'
R = 189.07'
PC STA = 770+31.81S
Y = 135728.241
X = 623599.399
PT STA = 771+79.38S
Y = 135813.444
X = 623715.307
BK = N31°19'15.5"E
AH = N76°02'26.5"E

PI STA = 772+40.04S
Y = 135822.898
X = 623775.228
DELTA = 40°24'57"
D = 34°45'57"
T = 60.66'
L = 116.25'
R = 164.81'
PC STA = 771+79.38S
Y = 135813.444
X = 623715.307
PT STA = 772+95.63S
Y = 135791.248
X = 623826.979
BK = N81°02'00.9"E
AH = S58°33'01.7"E

PI STA = 784+45.68RN
Y = 135206.760
X = 626922.191
DELTA = 25°40'16"
D = 13°28'21"
T = 96.90'
L = 190.55'
R = 425.28'
PC STA = 783+48.78RN
Y = 135110.053
X = 626928.279
PT STA = 785+39.32RN
Y = 135291.285
X = 626874.810
BK = N03°36'08.2"W
AH = N29°16'24.1"W



PI STA = 761+93.11KK
Y = 135620.671
X = 623461.786
DELTA = 17°16'29"
D = 16°22'13"
T = 53.17'
L = 105.53'
R = 350.00'
PC STA = 761+39.94KK
Y = 135597.175
X = 623414.093
PT STA = 762+45.47KK
Y = 135657.269
X = 623500.350
BK = N63°46'22.2"E
AH = N46°29'53.3"E

PI STA = 423+61.78
Y = 135623.328
X = 623539.372
DELTA = 47°12'00"
D = 16°49'57"
T = 148.71'
L = 280.41'
R = 340.39'
PC STA = 422+13.07
Y = 135581.984
X = 623396.524
PT STA = 424+93.47
Y = 135546.606
X = 623666.765
BK = N73°51'29.8"E
AH = S58°56'30.0"E

PI STA = 417+00.00EB
Y = 135959.00
X = 623046.54

PI STA = 438+31.91EB
Y = 134871.269
X = 624821.693
DELTA = 35°00'35"
D = 2°00'08"
T = 902.47'
L = 1748.42'
R = 2861.41'
PC STA = 429+29.44EB
Y = 135342.781
X = 624052.199
PT STA = 446+77.87EB
Y = 134926.545
X = 625722.465
BK = S58°30'06.7"E
AH = N86°29'18.3"E

PI STA = 477+82.44EB
Y = 135116.700
X = 628821.206
DELTA = 4°20'02"
D = 0°29'05"
T = 447.37'
L = 894.31'
R = 11822.98'
PC STA = 473+35.06EB
Y = 135089.299
X = 628374.676
PT STA = 482+29.38EB
Y = 135110.279
X = 629268.531
BK = N86°29'18.3"E
AH = S89°10'39.4"E

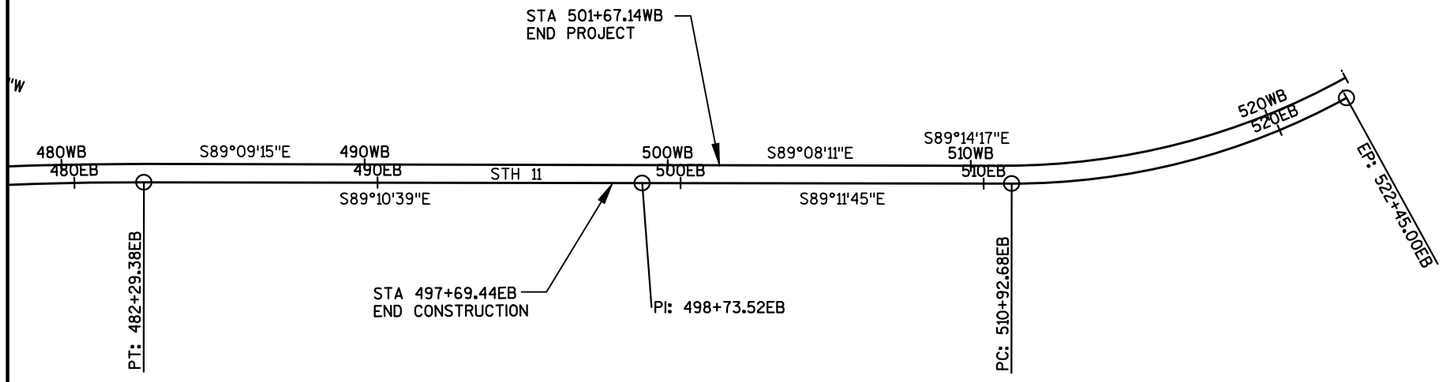
PROJECT NO:1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 11	SHEET 218	E

2

PI STA = 492+50.00WB
Y = 135156.12
X = 630247.27

PI STA = 508+75.00WB
Y = 135131.63
X = 631872.09

PI STA = 517+12.07WB
Y = 135120.497
X = 632709.084
DELTA = 29°02'10"
D = 2°28'29"
T = 599.55'
L = 1173.34'
R = 2315.29'
PC STA = 511+12.51WB
PT STA = 522+85.85WB

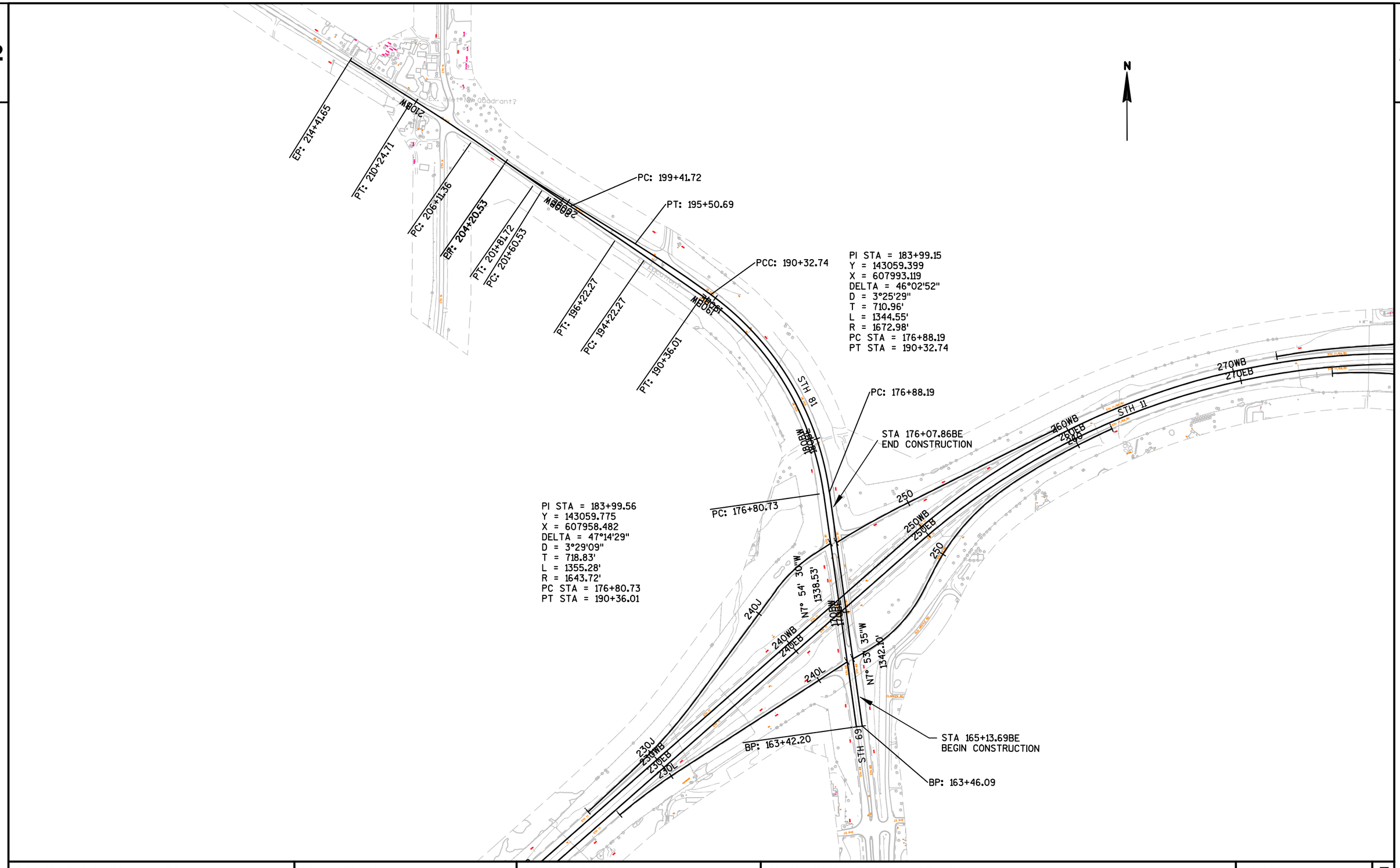


PI STA = 498+73.52EB
Y = 135086.68
X = 630912.50

PI STA = 516+81.34EB
Y = 135061.310
X = 632720.144
DELTA = 28°51'37"
D = 2°30'16"
T = 588.66'
L = 1152.32'
R = 2287.68'
PC STA = 510+92.68EB
PT STA = 522+45.00EB

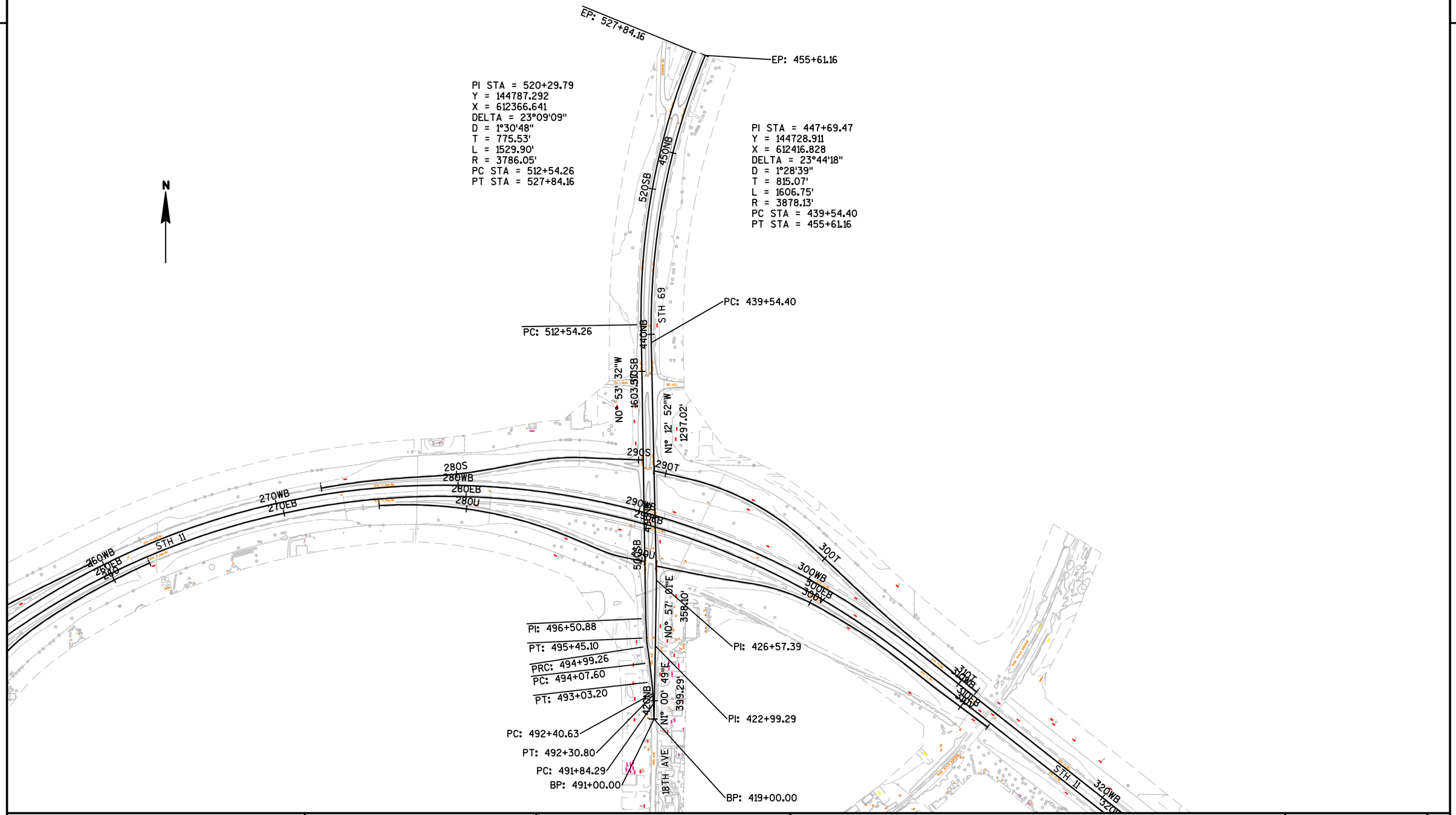
PROJECT NO:1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 11	SHEET 219	E

2



PROJECT NO: 1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 81/69	SHEET 220	E

2

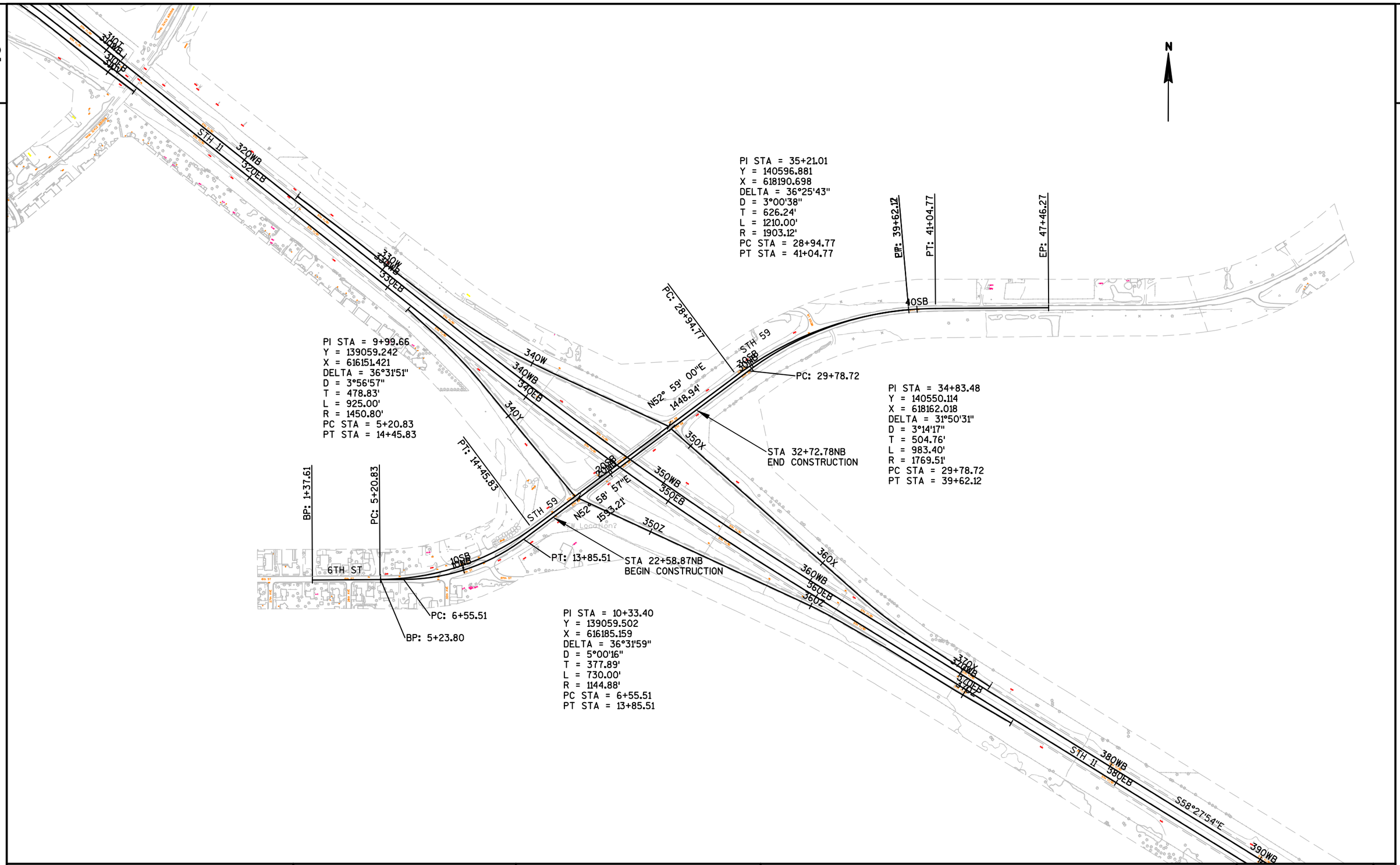


PROJECT NO: 1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 81/69	SHEET 221	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSOTHER\027202_AD.DWG
LAYOUT NAME - PLAN 2 IN 500 FT STH69

PLOT DATE : 1/16/2018 11:25 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:500 FT

2



PROJECT NO:1709-02-72	HWY: STH 11	COUNTY: GREEN	ALIGNMENT DETAIL - STH 59/6TH ST	SHEET 222 E

Estimate Of Quantities

1706-02-72

Line	Item	Item Description	Unit	Total	Qty
0002	203.0210.S	Abatement of Asbestos Containing Material (structure) 01. B-23-33	LS	1.000	1.000
0004	204.0100	Removing Pavement	SY	185,500.000	185,500.000
0006	204.0110	Removing Asphaltic Surface	SY	6,750.000	6,750.000
0008	204.0120	Removing Asphaltic Surface Milling	SY	3,850.000	3,850.000
0010	204.0150	Removing Curb & Gutter	LF	3,440.000	3,440.000
0012	204.0165	Removing Guardrail	LF	3,220.000	3,220.000
0014	204.0180	Removing Delineators and Markers	EACH	306.000	306.000
0016	204.0220	Removing Inlets	EACH	5.000	5.000
0018	205.0100	Excavation Common	CY	268,262.000	268,262.000
0020	213.0100	Finishing Roadway (project) 01. 1706-02-72	EACH	1.000	1.000
0022	305.0110	Base Aggregate Dense 3/4-Inch	TON	19,899.000	19,899.000
0024	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	180,571.000	180,571.000
0026	312.0110	Select Crushed Material	TON	204,854.000	204,854.000
0028	405.0100	Coloring Concrete WisDOT Red	CY	279.000	279.000
0030	415.0085	Concrete Pavement 8 1/2-Inch	SY	212,100.000	212,100.000
0032	415.0210	Concrete Pavement Gaps	EACH	14.000	14.000
0034	415.0410	Concrete Pavement Approach Slab	SY	690.000	690.000
0036	415.5110.S	Concrete Pavement Joint Layout	LS	1.000	1.000
0038	415.6000.S	Rout and Seal	LF	106,200.000	106,200.000
0040	416.0512	Concrete Truck Apron 12-Inch	SY	837.000	837.000
0042	416.0610	Drilled Tie Bars	EACH	63.000	63.000
0044	416.1010	Concrete Surface Drains	CY	28.000	28.000
0046	416.1110	Concrete Shoulder Rumble Strips	LF	36,653.000	36,653.000
0048	416.1710	Concrete Pavement Repair	SY	117.000	117.000
0050	440.4410	Incentive IRI Ride	DOL	45,880.000	45,880.000
0052	455.0605	Tack Coat	GAL	76.000	76.000
0054	460.2000	Incentive Density HMA Pavement	DOL	10,170.000	10,170.000
0056	460.5224	HMA Pavement 4 LT 58-28 S	TON	15,894.000	15,894.000
0058	465.0110	Asphaltic Surface Patching	TON	10.000	10.000
0060	465.0125	Asphaltic Surface Temporary	TON	4,640.000	4,640.000
0062	465.0400	Asphaltic Shoulder Rumble Strips	LF	57,175.000	57,175.000
0064	502.3100	Expansion Device (structure) 01. B-23-33	LS	1.000	1.000
0066	502.3200	Protective Surface Treatment	SY	765.000	765.000
0068	502.3210	Pigmented Surface Sealer	SY	208.000	208.000
0070	502.4205	Adhesive Anchors No. 5 Bar	EACH	130.000	130.000
0072	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	2,620.000	2,620.000
0074	509.0301	Preparation Decks Type 1	SY	20.000	20.000
0076	509.0302	Preparation Decks Type 2	SY	8.000	8.000
0078	509.0310.S	Sawing Pavement Deck Preparation Areas	LF	200.000	200.000

1706-02-72

Line	Item	Item Description	Unit	Total	Qty
0080	509.0400.S	Cleaning Concrete Surfaces	SY	765.000	765.000
0082	509.1000	Joint Repair	SY	55.000	55.000
0084	509.1200	Curb Repair	LF	684.000	684.000
0086	509.1500	Concrete Surface Repair	SF	662.000	662.000
0088	509.2000	Full-Depth Deck Repair	SY	4.000	4.000
0090	509.2100.S	Concrete Masonry Deck Repair	CY	25.000	25.000
0092	509.5100.S	Polymer Overlay	SY	5,976.000	5,976.000
0094	509.9025.S	Epoxy Injection Crack Repair	LF	210.000	210.000
0096	509.9026.S	Cored Holes 2-Inch Diameter	EACH	8.000	8.000
0098	509.9050.S	Cleaning Parapets	LF	679.000	679.000
0100	517.1800.S	Structure Repainting Recycled Abrasive (structure) 01. B-23-33	LS	1.000	1.000
0102	517.1800.S	Structure Repainting Recycled Abrasive (structure) 02. B-23-37	LS	1.000	1.000
0104	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 01. B-23-33	LS	1.000	1.000
0106	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 02. B-23-37	LS	1.000	1.000
0108	517.6001.S	Portable Decontamination Facility	EACH	2.000	2.000
0110	520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	4.000	4.000
0112	520.2018	Culvert Pipe Temporary 18-Inch	LF	584.000	584.000
0114	522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	50.000	50.000
0116	522.0130	Culvert Pipe Reinforced Concrete Class III 30-Inch	LF	8.000	8.000
0118	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	2.000	2.000
0120	524.0618	Apron Endwalls for Culvert Pipe Salvaged 18-Inch	EACH	3.000	3.000
0122	524.0630	Apron Endwalls for Culvert Pipe Salvaged 30-Inch	EACH	2.000	2.000
0124	601.0413	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type G	LF	2,513.000	2,513.000
0126	601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF	1,254.000	1,254.000
0128	601.0580	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	LF	571.000	571.000
0130	606.0200	Riprap Medium	CY	49.000	49.000
0132	611.0600	Inlet Covers Type A	EACH	4.000	4.000
0134	611.0630	Inlet Covers Type HM-GJ	EACH	4.000	4.000
0136	611.0642	Inlet Covers Type MS	EACH	1.000	1.000
0138	611.3220	Inlets 2x2-FT	EACH	2.000	2.000
0140	611.3230	Inlets 2x3-FT	EACH	2.000	2.000
0142	611.3901	Inlets Median 1 Grate	EACH	1.000	1.000
0144	614.0220	Steel Thrie Beam Bullnose Terminal	EACH	4.000	4.000
0146	614.0230	Steel Thrie Beam	LF	850.000	850.000
0148	614.2300	MGS Guardrail 3	LF	3,050.000	3,050.000
0150	614.2500	MGS Thrie Beam Transition	LF	551.600	551.600

1706-02-72

Line	Item	Item Description	Unit	Total	Qty
0152	614.2610	MGS Guardrail Terminal EAT	EACH	18.000	18.000
0154	614.2620	MGS Guardrail Terminal Type 2	EACH	4.000	4.000
0156	616.0100	Fence Woven Wire (height) 01. 4-Feet	LF	96.000	96.000
0158	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1706-02-72	EACH	1.000	1.000
0160	619.1000	Mobilization	EACH	1.000	1.000
0162	624.0100	Water	MGAL	580.000	580.000
0164	625.0500	Salvaged Topsoil	SY	76,560.000	76,560.000
0166	627.0200	Mulching	SY	72,087.000	72,087.000
0168	628.1104	Erosion Bales	EACH	48.000	48.000
0170	628.1504	Silt Fence	LF	15,050.000	15,050.000
0172	628.1520	Silt Fence Maintenance	LF	30,100.000	30,100.000
0174	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000
0176	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0178	628.2002	Erosion Mat Class I Type A	SY	18,337.000	18,337.000
0180	628.2004	Erosion Mat Class I Type B	SY	24,400.000	24,400.000
0182	628.7005	Inlet Protection Type A	EACH	42.000	42.000
0184	628.7504	Temporary Ditch Checks	LF	2,800.000	2,800.000
0186	628.7555	Culvert Pipe Checks	EACH	20.000	20.000
0188	629.0210	Fertilizer Type B	CWT	55.000	55.000
0190	630.0130	Seeding Mixture No. 30	LB	1,380.000	1,380.000
0192	630.0200	Seeding Temporary	LB	687.000	687.000
0194	633.0100	Delineator Posts Steel	EACH	308.000	308.000
0196	633.0500	Delineator Reflectors	EACH	648.000	648.000
0198	633.1100	Delineators Temporary	EACH	353.000	353.000
0200	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	16.000	16.000
0202	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	100.000	100.000
0204	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	91.000	91.000
0206	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	52.000	52.000
0208	634.0622	Posts Wood 4x6-Inch X 22-FT	EACH	11.000	11.000
0210	635.0200	Sign Supports Structural Steel HS	LB	6,316.000	6,316.000
0212	636.0100	Sign Supports Concrete Masonry	CY	15.000	15.000
0214	636.0500	Sign Supports Steel Reinforcement	LB	868.000	868.000
0216	637.1220	Signs Type I Reflective SH	SF	3,632.000	3,632.000
0218	637.1230	Signs Type I Reflective F	SF	255.000	255.000
0220	637.2210	Signs Type II Reflective H	SF	3,033.300	3,033.300
0222	637.2230	Signs Type II Reflective F	SF	573.000	573.000
0224	638.2601	Removing Signs Type I	EACH	25.000	25.000
0226	638.2602	Removing Signs Type II	EACH	230.000	230.000
0228	638.3000	Removing Small Sign Supports	EACH	274.000	274.000

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Line	Item	Item Description	Unit	Total	Qty
0230	638.3100	Removing Structural Steel Sign Supports	EACH	12.000	12.000
0232	642.5201	Field Office Type C	EACH	1.000	1.000
0234	643.0300	Traffic Control Drums	DAY	78,373.000	78,373.000
0236	643.0420	Traffic Control Barricades Type III	DAY	9,988.000	9,988.000
0238	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	1,873.000	1,873.000
0240	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	1,873.000	1,873.000
0242	643.0705	Traffic Control Warning Lights Type A	DAY	11,692.000	11,692.000
0244	643.0715	Traffic Control Warning Lights Type C	DAY	15,411.000	15,411.000
0246	643.0800	Traffic Control Arrow Boards	DAY	502.000	502.000
0248	643.0900	Traffic Control Signs	DAY	80,682.000	80,682.000
0250	643.0910	Traffic Control Covering Signs Type I	EACH	1.000	1.000
0252	643.0920	Traffic Control Covering Signs Type II	EACH	37.000	37.000
0254	643.1050	Traffic Control Signs PCMS	DAY	168.000	168.000
0256	643.5000	Traffic Control	EACH	1.000	1.000
0258	645.0120	Geotextile Type HR	SY	30.000	30.000
0260	645.0130	Geotextile Type R	SY	140.000	140.000
0262	645.0220	Geogrid Type SR	SY	318,918.000	318,918.000
0264	646.1020	Marking Line Epoxy 4-Inch	LF	3,860.000	3,860.000
0266	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	131,340.000	131,340.000
0268	646.1555	Marking Line Grooved Contrast Permanent Tape 4-Inch	LF	13,650.000	13,650.000
0270	646.3020	Marking Line Epoxy 8-Inch	LF	355.000	355.000
0272	646.3555	Marking Line Grooved Contrast Permanent Tape 8-Inch	LF	16,385.000	16,385.000
0274	646.6120	Marking Stop Line Epoxy 18-Inch	LF	190.000	190.000
0276	646.7220	Marking Chevron Epoxy 24-Inch	LF	895.000	895.000
0278	646.8120	Marking Curb Epoxy	LF	2,875.000	2,875.000
0280	646.9000	Marking Removal Line 4-Inch	LF	4,225.000	4,225.000
0282	649.0105	Temporary Marking Line Paint 4-Inch	LF	114,035.000	114,035.000
0284	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	126,450.000	126,450.000
0286	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	2,025.000	2,025.000
0288	649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	6,800.000	6,800.000
0290	650.4500	Construction Staking Subgrade	LF	93,657.000	93,657.000
0292	650.5000	Construction Staking Base	LF	11,598.000	11,598.000
0294	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	4,218.000	4,218.000
0296	650.7000	Construction Staking Concrete Pavement	LF	82,907.000	82,907.000
0298	650.9920	Construction Staking Slope Stakes	LF	7,037.000	7,037.000
0300	690.0150	Sawing Asphalt	LF	245.000	245.000
0302	690.0250	Sawing Concrete	LF	310.000	310.000
0304	715.0415	Incentive Strength Concrete Pavement	DOL	106,500.000	106,500.000
0306	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	1,600.000	1,600.000
0308	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	800.000	800.000

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Line	Item	Item Description	Unit	Total	Qty
0310	SPV.0090	Special 01. Expansion Joint Seal System	LF	293.000	293.000
0312	SPV.0105	Special 01. Remove Temporary Crossover, B and C	LS	1.000	1.000
0314	SPV.0105	Special 02. Remove Temporary Crossover, D and E	LS	1.000	1.000
0316	SPV.0105	Special 03. Remove Temporary Crossover, F and G	LS	1.000	1.000
0318	SPV.0105	Special 04. Remove Temporary crossover, H and I	LS	1.000	1.000
0320	SPV.0105	Special 05. Remove Temporary Crossover, J and K	LS	1.000	1.000
0322	SPV.0165	Special 01. Fiber Wrap Girder Reinforcing	SF	576.000	576.000
0324	SPV.0195	Special 01. Select Crushed Surface	TON	20.000	20.000

REMOVING PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 SY	REMARKS
0010	209+34	-	211+48	STH 11 EB	570	
	211+48	-	226+34	STH 11 EB	5,950	
	226+34	-	262+15	STH 11 EB	9,500	
	275+20	-	289+17	STH 11 EB	3,700	
	291+28	-	497+70	STH 11 EB	54,900	
	262+15	-	275+20	STH 11 EB	5,200	
	226+34	-	240+78	RAMP L	2,480	
	242+91	-	262+14	RAMP M	3,630	
	275+23	-	289+04	RAMP U	2,300	
	292+38	-	310+95	RAMP V	2,560	
	331+68	-	345+78	RAMP Y	2,470	
	345+79	-	373+17	RAMP Z	3,850	
	15+82	-	19+35	STH 59 SB	820	
	15+97	-	19+49	STH 59 NB	730	
	22+43	-	25+97	STH 59 SB	850	
	22+57	-	26+11	STH 59 NB	910	
	STAGE 2 TOTAL:				100,420	
0010	172+36	-	176+04	WIS 81 EB	1,440	
	172+31	-	175+99	WIS 81 WB	1,380	
	259+16	-	260+00	STH 11 WB	220	
	272+50	-	289+53	STH 11 WB	4,550	
	291+63	-	501+67	STH 11 WB	56,000	
	260+00	-	272+50	STH 11 WB	5,070	
	233+70		234+40	RAMP J	120	
	242+23	-	245+37	RAMP J	600	
	245+60	-	259+38	RAMP K	2,660	
	272+57	-	288+54	RAMP S	2,580	
	291+00	-	311+03	RAMP T	3,000	
	348+71	-	371+81	RAMP X	3,830	
	323+84	-	348+23	RAMP W	3,630	
	STAGE 3 TOTAL:				85,080	
				TOTAL 0010	**185,500**	

REMOVING ASPHALTIC SURFACE

CATEGORY	STATION	TO	STATION	LOCATION	204.0110 SY	REMARKS
0010	421+91	-	424+47	STH 11 EB TURN LANE LT	320	
	457+63	-	460+17	STH 11 EB TURN LANE LT	350	
	458+16	-	459+47	STH 11 EB TURN LANE RT	140	
	470+57	-	472+87	STH 11 EB TURN LANE LT	355	
	760+27	-	762+41	CTH KK	720	
	780+83	-	781+98	RICHLAND SOUTH	360	
	760+27 59	-	431+55 EB	STH 59 TURN LANE RT	1,770	
	STAGE 2 TOTAL:				4,015	
0010	212+57	-	213+14	MAINT. CROSSOVER	200	
	323+62	-	324+29	MAINT. CROSSOVER	160	
	370+27	-	370+67	MAINT. CROSSOVER	115	
	422+85	-	429+00	STH 11 WB TURN LANE RT	900	
	457+97	-	460+53	STH 11 WB TURN LANE RT	370	
	458+64	-	459+91	STH 11 WB TURN LANE LT	140	
	471+22	-	473+42	STH 11 WB TURN LANE RT	320	
	471+65	-	473+08	STH 11 WB TURN LANE LT	150	
	493+37	-	494+61	MAINT. CROSSOVER	380	
	770+24	-	771+79	STAUFFACHER RD	840	
	783+36	-	784+35	RICHLAND RD NORTH	310	
	792+36	-	793+59	HILTBRAND LANE	360	
	STAGE 3 TOTAL:				2,735	
				TOTAL 0010	**6,750**	

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO	STATION	LOCATION	204.0120 SY	REMARKS
0010	262+50 -	286+00	STH 11 WB RT	780	
	280+00 -	286+00	STH 11 WB LT	530	
	303+50 -	305+50	STH 11 WB LT	180	
	311+00 -	313+00	STH 11 WB LT	180	
	305+50 -	342+70	STH 11 WB RT	1,240	
	337+00 -	342+70	STH 11 WB LT	510	
	363+50 -	365+00	STH 11 WB LT	130	
	370+00 -	373+00	STH 11 WB LT	170	
	423+50 -	425+00	STH 11 WB LT	130	
			TOTAL 0010	**3,850**	

REMOVING CURB & GUTTER

CATEGORY	STATION TO	STATION	LOCATION	204.0150 LF	REMARKS
0010	423+05 -	423+93	STH 11 EB RT	90	
	245+74 -	246+15	RAMP K LT	105	
	348+81 -	349+28	RAMP X LT	105	
	345+22 -	345+67	RAMP Y RT	100	
	15+97 -	17+77	STH 59 NB LT	180	
	15+82 -	17+64	STH 59 SB RT	185	
	18+41 -	19+77	STH 59 NB LT	140	
	18+28 -	19+61	STH 59 SB RT	135	
	22+35 -	23+65	STH 59 NB LT	130	
	22+18 -	23+51	STH 59 SB RT	135	
	24+22 -	26+11	STH 59 NB LT	195	
	24+09 -	25+97	STH 59 SB RT	190	
	164+50 -	167+25	STH 81 BE LT	290	
	164+45 -	167+21	STH 81 BW RT	285	
	168+04 -	169+05	STH 81 BE LT	105	
	167+99 -	168+93	STH 81 BW RT	100	
	171+95 -	173+38	STH 81 BE LT	150	
	171+83 -	173+33	STH 81 BW RT	155	
	173+96 -	176+04	STH 81 BE LT	215	
	173+91 -	175+99	STH 81 BW RT	225	
	422+49 -	423+92	CTH KK TURN LANE LT	145	
	761+53 -	762+32	CTH KK	80	
			TOTAL 0010	**3,440**	

REMOVING GUARDRAIL

CATEGORY	STATION TO	STATION	LOCATION	204.0165 LF	REMARKS
0010	223+43 -	224+44	STH 11 EB RT	100	
	273+40 -	274+43	STH 11 EB RT	100	
	285+92 -	289+10	STH 11 EB LT	320	
	287+77 -	289+21	STH 11 EB RT	145	
	426+46 -	429+12	STH 11 EB RT	265	
	18+60 -	19+86	STH 59 NB RT	125	
	18+50 -	19+50	STH 59 SB LT	100	
	168+17 -	169+12	STH 81 EB RT	95	
	STAGE 2 TOTAL:			1,250	
0010	242+50 -	245+04	STH 11 WB RT	520	MEDIAN BULL NOSE
	262+25 -	263+25	STH 11 WB LT	100	
	288+99 -	289+10	STH 11 EB LT	40	MEDIAN B-23-35/36
	291+53 -	292+97	STH 11 WB LT	145	
	291+70 -	294+85	STH 11 WB RT	315	
	291+17 -	291+21	STH 11 EB LT	40	MEDIAN B-23-35/36
	346+17 -	348+43	STH 11 WB RT	515	MEDIAN BULL NOSE
	22+45 -	23+45	STH 59 NB RT	100	
	22+10 -	23+35	STH 59 SB LT	95	
	171+76 -	172+73	STH 81 WB LT	100	
	STAGE 3 TOTAL:			1,970	
			TOTAL 0010	**3,220**	

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION TO	STATION	LOCATION	204.0180 EACH	REMARKS
0010	209+34	- 230+02	STH 11 EB	5	
	230+02	- 254+16	STH 11 EB	12	
	254+16	- 279+54	STH 11 EB	6	
	279+54	- 298+41	STH 11 EB	9	
	298+41	- 335+89	STH 11 EB	9	
	335+89	- 359+72	STH 11 EB	12	
	359+72	- 421+81	STH 11 EB	16	
	426+47	- 458+14	STH 11 EB	8	
	459+44	- 497+69	STH 11 EB	10	
	230+02	- 240+76	RAMP L	11	
	242+90	- 254+26	RAMP M	11	
	279+49	- 289+04	RAMP U	10	
	292+38	- 298+51	RAMP V	6	
	335+87	- 345+17	RAMP Y	9	
	346+05	- 359+71	RAMP Z	14	
	422+00	- 426+45	CTH KK RT TURN	2	
	STAGE 2 TOTAL:			150	
	255+67	- 279+63	STH 11 WB	6	
	279+63	- 303+74	STH 11 WB	12	
	303+74	- 336+94	STH 11 WB	8	
	336+94	- 363+58	STH 11 WB	13	
	363+58	- 423+69	STH 11 WB	15	
	425+08	- 458+85	STH 11 WB	8	
	460+06	- 471+69	STH 11 WB	6	
	473+00	- 501+67	STH 11 WB	29	
	242+22	- 245+09	RAMP J	3	
	246+50	- 255+60	RAMP K	9	
	279+69	- 288+54	RAMP S	9	
	291+00	- 303+74	RAMP T	13	
	336+91	- 347+97	RAMP W	11	
	349+41	- 363+60	RAMP X	14	
	STAGE 3 TOTAL:			156	
			TOTAL 0010	**306**	

1706-02-72 EARTHWORK SUMMARY

CATEGORY	STA	TO	STA	LOCATION	COMMON EXCAVATION (1) CUT CONCRETE CY	CUT ASPHALT CY	CUT (2) 205.0100 CY	EBS EXCAVATION (3) 205.0100 CY	SALVAGED/ UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE COMMON (5) CY	UNEXPANDED FILL CY	UNEXPANDED EBS CY	UNEXPANDED FILL REQUIRED (6) CY	EXPANDED FILL (7) FACTOR 1.42 CY	MASS ORDINATE +/- (8) CY	REMARKS
0010	165+58	-	176+42	CROSSOVER A			1,048		0	1,048	16		16	20	1,028	
	212+80	-	226+00	CROSSOVER B&C			1,980		0	1,980	158		158	198	1,783	
	260+00	-	275+00	CROSSOVER D&E			2,087		0	2,087	280		280	350	1,737	
	302+48	-	318+45	CROSSOVER F&G			2,354		0	2,354	579		579	724	1,630	
	494+85	-	511+76	CROSSOVER H&I			1,690		0	1,690	694		694	868	823	
	368+00		381+50	CROSSOVER J&K			2,192		0	2,192	137		137	171	2,021	
	494+85	-	511+76	UNDISTRIBUTED				568	0	568	0	568	568	709	-142	
				STAGE 1 TOTAL:			11,351	568	0	11,919	1,864	568	2,432	3,039	8,879	
0010	209+34	-	597+67	STH 11 EB	22,593	821	92,632		23,414	69,218	783		783	979	68,239	
	15+95	-	26+11	STH 59	597	238	4,533		835	3,698	5		5	6	3,692	
	760+27	-	762+44	CTH KK	0	68	785		68	717	66		66	83	635	
	421+80	-	427+50	CTH KK RT	0	90	1,227		90	1,137	3		3	4	1,133	
	226+33	-	240+80	RAMP L	644	115	2,963		759	2,204	2,019		2,019	2,524	-320	
	242+91	-	262+01	RAMP M	835	149	4,353		984	3,369	3		3	4	3,365	
	275+22	-	289+04	RAMP U	579	103	3,372		682	2,690	37		37	46	2,644	
	292+39	-	311+84	RAMP V	813	145	3,904		958	2,946	215		215	269	2,677	
	311+69	-	345+66	RAMP Y	1,424	253	3,608		1,677	1,931	91		91	114	1,817	
	345+78	-	373+16	RAMP Z	1,150	205	5,951		1,355	4,596	1,601		1,601	2,001	2,595	
	780+83	-	782+08	RICHSLAND RD S	0	26	620		26	594	0		0	0	594	
				UNDISTRIBUTED				6,197	0	6,197	0	6,197	6,197	7,747	-1,549	
				STAGE 2 TOTAL:	28,635	2,213	123,948	6,197	30,848	99,297	4,823	6,197	11,020	13,776	85,522	
0010	259+16	-	501+67	STH 11 WB	15,692	9,055	90,364		24,747	65,617	674		674	843	64,775	
	168+02	-	176+04	STH 81	1,241	200	4,464		1,441	3,023	16		16	20	3,003	
	233+70	-	245+54	RAMP J	856	152	1,100		1,008	92	389		389	486	-394	
	245+51	-	259+39	RAMP K	580	103	3,501		683	2,818	881		881	1,101	1,717	
	272+56	-	288+49	RAMP S	660	117	3,859		777	3,082	30		30	38	3,045	
	291+00	-	311+01	RAMP T	834	148	4,691		982	3,709	2		2	3	3,707	
	323+65	-	348+42	RAMP W	1,034	184	5,701		1,218	4,483	96		96	120	4,363	
	348+76	-	371+80	RAMP X	967	172	5,090		1,139	3,951	141		141	176	3,775	
	792+30	-	793+59	HILTBRAND LN	0	26	434		26	408	22		22	28	381	
	783+26	-	784+35	RICHLAND RD N	0	22	416		22	394	75		75	94	300	
	770+26	-	771+79	STAUFFACHER RD	0	38	569		38	531	90		90	113	419	
				UNDISTRIBUTED				6,009	0	6,009	0	6,009	6,009	7,512	-1,502	
				STAGE 3 TOTAL:	21,864	10,217	120,189	6,009	32,081	94,117	2,416	6,009	8,425	10,532	83,586	
	PROJECT ID 1706-02-72 TOTAL:				**50,499**	**12,430**	**255,488**	**12,774**	**62,929**	**205,333**	**9,103**	**12,774**	**21,877**	**27,347**	**177,987**	

BALANCES SHOWN ARE FOR INFORMATION ONLY. FOR HAULING PURPOSES THE ENTIRE PROJECT IS TO BE CONSIDERED AS ONE BALANCE

1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION. ITEM NUMBER 205.0100
2) CUT IS THE SUM OF THE CUT AND INCLUDES REQUIRED EXCAVATION FOR SELECT CRUSHED MATERIAL FOR SUBGRADE IMPROVEMENT.
3) EBS EXCAVATION TO BE BACKFILLED WITH SUITABLE BACKFILL MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD
   EBS UNDISTRIBUTED IS NOT INCLUDE FOR AVAILABLE MATERIAL BUT CAN BE PLACED OUTSIDE THE 2:1 SECTION
   EBS WAS DETERMINED FOR CUT/FILL TRANSITION AREAS PER CONSTRUCTION DETAILS
   EBS IS AN UNDISTRIBUTED QUANTITY ESTIMATED AT 5% OF THE PROJECT SURFACE AREA
4) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT. UNUSABLE PAVEMENT MATERIAL INCLUDES ASPHALT AND CONCRETE PAVMENT.
5) AVAILABLE MATERIAL = COMMON EXCAVATION - SALVAGED/UNUSUABLE PAVEMENT MATERIAL
6) UNEXPANDED FILL REQUIRED = UNEXPANDED FILL + UNEXPANDED EBS
7) EXPANDED FILL = UNEXPANDED FILL REQUIRED * FILL FACTOR
8) THE MASS ORDINATE + OR - QUANTITY CALCULATED FOR THE STAGE. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STAGE. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN A STAGE
   MASS ORDINATE = AVAILABLE COMMON - EXPANDED FILL

BASE COURSE ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	SPV.0195.01 SELECT CRUSHED SURFACE TON	REMARKS
0010	165+96A	-	176+85A	CROSSOVER A	83	716	749	-	
	212+83	-	225+96	CROSSOVER B & C	152	2,290	2,410	-	
	260+31	-	274+47	CROSSOVER D & E	149	2,400	2,604	-	
	303+29	-	319+65	CROSSOVER F & G	201	2,778	2,902	-	
	368+96	-	382+25	CROSSOVER H & I	323	2,425	2,473	-	
	495+27		512+16	CROSSOVER J & K	156	2,362	2,536		
				STAGE 1 TOTAL:	1,064	12,971	13,674	0	
0010	209+35	-	211+48	STH 11 EB	50	370	570	-	
	211+48	-	226+34	STH 11 EB	330	3,040	4,950	-	
	226+34	-	262+14	STH 11 EB	660	5,620	10,010	-	
	262+14	-	275+23	STH 11 EB	290	2,660	4,510	-	
	275+23	-	289+32	STH 11 EB	265	2,220	3,940	-	
	291+05	-	497+76	STH 11 EB	3,420	30,780	58,950	-	
	311+40	-	311+40	STH 11 EB-BADGER STATE TRAIL	-	20	-	10	
	416+80	-	424+81	STH 11 EB TURN LANE RT	-	510	-	-	
	416+80	-	424+91	STH 11 EB TURN LANE RT	55	-	470	-	
	417+98	-	424+49	STH 11 EB TURN LANE LT	55	420	90	-	
	453+64	-	460+44	STH 11 EB TURN LANE RT	40	370	-	-	
	453+70	-	460+24	STH 11 EB TURN LANE LT	55	430	-	-	
	467+67	-	473+13	STH 11 EB TURN LANE LT	45	420	-	-	
	226+34	-	240+75	Ramp L	280	1,820	2,510	-	
	242+92	-	262+14	Ramp M	3,210	11,700	2,840	-	
	275+23	-	289+04	Ramp U	260	1,650	2,280	-	
	292+38	-	311+47	Ramp V	-	-	2,150	-	
	292+38	-	311+84	Ramp V	285	1,970	-	-	
	331+69	-	345+59	Ramp Y	260	1,700	2,520	-	
	345+79	-	372+45	Ramp Z	445	1,820	-	-	
	345+91	-	372+45	Ramp Z	-	-	3,450	-	
	15+82	-	19+58	STH 59 SB	40	430	1,060	-	
	15+97	-	19+78	STH 59 NB	45	410	1,100	-	
	22+18	-	25+97	STH 59 SB	45	580	900	-	
	22+37	-	26+11	STH 59 NB	35	600	820	-	
	760+27	-	761+22	CTH KK	-	280	-	-	
	760+27	-	762+18	CTH KK	10	-	350	-	
	761+22	-	762+18	CTH KK	-	150	-	-	
	761+19.68KK	-	441+50.41EB	KK TURN LANE RT	-	-	950	-	
	760+27.36KK	-	441+50.41EB	KK TURN LANE RT	50	1,700	-	-	
	780+83	-	781+36	RICHLAND RD SOUTH	-	120	-	-	
	780+83	-	781+93	RICHLAND RD SOUTH	15	-	-	-	
	781+36	-	781+93	RICHLAND RD SOUTH	-	80	200	-	
				STAGE 2 TOTAL	10,245	71,870	104,620	10	

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BASE COURSE ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	SPV.0195.01 SELECT CRUSHED SURFACE TON	REMARKS
0010	259+16	-	260+00	STH 11 WB	10	130	180	-	
	260+00	-	272+50	STH 11 WB	280	3,540	4,350	-	
	272+50	-	289+76	STH 11 WB	300	3,560	4,270	-	
	291+49	-	501+67	STH 11 WB	5,790	66,100	55,800	-	
	312+20	-	312+20	STH 11 WB	-	20	-	10	
	422+36	-	424+76	STH 11 WB TURN LANE RT	20	430	250	-	
	457+76	-	464+56	STH 11 WB TURN LANE LT	75	800	-	-	
	457+96	-	460+03	STH 11 WB TURN LANE RT	15	400	210	-	
	470+69	-	476+48	STH 11 WB TURN LANE LT	50	600	-	-	
	470+94	-	473+52	STH 11 WB TURN LANE RT	20	300	220	-	
	233+70		234+40	RAMP J	65	410	130	-	
	242+23	-	245+37	RAMP J	15	290	610	-	
	245+70	-	259+38	RAMP K	260	2,540	2,880	-	
	272+57	-	288+54	RAMP S	275	2,520	2,790	-	
	291+00	-	311+03	RAMP T	365	3,110	3,220	-	
	323+65	-	348+23	RAMP W	390	3,930	4,260	-	
	348+78	-	371+81	RAMP X	415	3,660	3,880	-	
	171+75	-	175+99	STH 81 WB	65	760	1,230	-	
	172+02	-	176+04	STH 81 EB	50	780	1,420	-	
	770+36	-	771+37	STAUFFACHER RD	-	440	410	-	
	770+36	-	771+79	STAUFFACHER RD	25	-	-	-	
	771+37	-	771+79	STAUFFACHER RD	-	160	-	-	
	783+36	-	783+83	RICHLAND RD NORTH	-	100	210	-	
	783+36	-	784+35	RICHLAND RD NORTH	20	-	-	-	
	783+83	-	784+35	RICHLAND RD NORTH	-	180	-	-	
	792+36	-	792+93	HILTBRAND LANE	-	110	240	-	
	792+36	-	793+59	HILTBRAND LANE	25	-	-	-	
	792+93	-	793+59	HILTBRAND LANE	-	230	-	-	
	212+06	-	212+80	MAINT. CROSSOVER	15	-	-	-	
	212+48	-	213+22	MAINT. CROSSOVER	-	120	-	-	
	272+46		273+20	MAINT. CROSSOVER	15	160	-	-	
	322+73	-	324+20	MAINT. CROSSOVER	15	90	-	-	
	370+17	-	370+68	MAINT. CROSSOVER	15	100	-	-	
	493+48	-	494+41	MAINT. CROSSOVER	-	160	-	-	
				STAGE 3 TOTAL	8,590	95,730	86,560	10	
				TOTAL 0010	**19,899**	**180,571**	**204,854**	**20**	

3

COLORING CONCRETE WISDOT RED

CATEGORY	STATION	TO	STATION	LOCATION	405.0100 CY	REMARKS
0010	164+50BE	-	167+25BE	STH 81 MEDIAN	279	
				TOTAL 0010	**279**	

CONCRETE PAVEMENT REPAIR

CATEGORY	STATION	TO	STATION	LOCATION	416.1710 SY	REMARKS
0010	233+70J	-	234+40J	RAMP J	117	
				TOTAL 0010	**117**	

CONCRETE ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	415.0085 CONCRETE PAVEMENT 8 1/2-INCH SY	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY	REMARKS
0010	209+34	-	211+48	STH 11 EB	570	-	
	211+48	-	226+34	STH 11 EB	5,940	-	
	226+34	-	262+15	STH 11 EB	10,330	-	
	262+15	-	275+20	STH 11 EB	5,190	-	
	275+20	-	289+17	STH 11 EB	4,010	-	
	291+28	-	497+70	STH 11 EB	59,730	-	
	416+81	-	424+22	STH 11 EB TURN LANE RT	600	-	
	417+99	-	424+47	STH 11 EB TURN LANE LT	830	-	
	453+64	-	460+44	STH 11 EB TURN LANE RT	640	-	
	453+69	-	460+24	STH 11 EB TURN LANE LT	860	-	
	467+67	-	473+13	STH 11 EB TURN LANE LT	740	-	
	226+34	-	240+78	RAMP L	2,630	-	
	242+91	-	262+14	RAMP M	3,240	-	
	275+23	-	289+04	RAMP U	2,280	-	
	292+38	-	311+85	RAMP V	2,830	-	
	331+68	-	345+78	RAMP Y	2,740	-	
	345+79	-	373+17	RAMP Z	4,000	-	
	15+82	-	19+35	STH 59 SB	950	-	
	15+97	-	19+49	STH 59 NB	950	-	
	19+52	-	19+82	B-23-37	-	120	
	22+27	-	22+57	B-23-37	-	120	
	22+43	-	25+97	STH 59 SB	980	-	
	22+57	-	26+11	STH 59 NB	1,180	-	
	422+17	-	443+72 EB	CTH 59 TURN LANE RT	2,590	-	
	761+22	-	762+29	CTH KK	620	-	
	781+36	-	781+98	RICHLAND SOUTH	330	-	
	STAGE 2 TOTAL:				114,760	240	

CONCRETE ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	415.0085 CONCRETE PAVEMENT 8 1/2-INCH SY	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY	REMARKS
0010	259+16	-	260+00	STH 11 WB	240	-	
	260+00	-	272+50	STH 11 WB	5,020	-	
	272+50	-	289+53	STH 11 WB	4,910	-	
	291+63	-	501+67	STH 11 WB	60,680	-	
	171+97	-	172+36	B-23-33 EB	-	100	
	171+56	-	172+01	B-23-33 WB	-	110	
	422+36	-	429+75	STH 11 WB TURN LANE RT	1,030	-	
	457+76	-	464+56	STH 11 WB TURN LANE LT	640	-	
	457+97	-	464+53	STH 11 WB TURN LANE RT	870	-	
	470+69	-	476+48	STH 11 WB TURN LANE LT	590	-	
	470+94	-	473+51	STH 11 WB TURN LANE RT	400	-	
	233+70	-	234+40	RAMP J	120	-	
	242+23	-	245+37	RAMP J	640	-	
	245+70	-	259+38	RAMP K	3,160	-	
	272+57	-	288+54	RAMP S	2,690	-	
	291+00	-	311+03	RAMP T	2,890	-	
	323+64	-	348+23	RAMP W	4,740	-	
	348+78	-	371+81	RAMP X	3,740	-	
	172+31	-	175+99	STH 81 WB	1,420	-	
	172+36	-	176+04	STH 81 EB	1,770	-	
	770+26	-	771+37	STAUFFACHER RD	1,200	-	
	783+36	-	783+84	RICHLAND RD NORTH	270	-	
	792+36	-	792+93	HILTBRAND LANE	320	-	
	STAGE 3 TOTAL:				97,340	0	
				TOTAL 0010	**212,100**	**690**	

3

CONCRETE PAVEMENT GAPS

CATEGORY	LOCATION	415.0210 EACH	REMARKS
0010	RAMP C	2	
	RAMP D	2	
	RAMP E	2	
	RAMP F	2	
	RAMP G	2	
	RAMP J	2	
	RAMP K	2	
	TOTAL 0010	**14**	

CONCRETE TRUCK APRON 12-INCH

CATEGORY	STATION TO STATION	LOCATION	416.0512 SY	REMARKS
0010	164+50BE - 167+25BE	STH 81 MEDIAN	837	
		TOTAL 0010	**837**	

3

DRILLED TIE BARS

CATEGORY	STATION	LOCATION	416.0610 EACH	REMARKS
0010	241+65 L	94.94 LT	9	
	242+57 M	136.72 LT	9	
	289+31 WB	2.25 RT	9	
	291+60 EB	29.34 RT	9	
	291+95 W	1.50 RT	9	
	347+59 W	130.54 RT	9	
	348+57 X	140.45 RT	9	
		TOTAL 0010	**63**	

CONCRETE SURFACE DRAINS

CATEGORY	STATION	LOCATION	416.1010 CY	REMARKS
0010	241+65 L	94.94 LT	4	FLUMES
	242+57 M	136.72 LT	4	FLUMES
	289+31 WB	2.25 RT	4	FLUMES
	291+60 EB	29.34 RT	4	FLUMES
	291+95 WB	1.50 RT	4	FLUMES
	347+59 W	130.54 RT	4	FLUMES
	348+57 X	140.45 RT	4	FLUMES
		TOTAL 0010	**28**	

RUMBLE STRIPS

CATEGORY	STATION TO	STATION	LOCATION	416.1110 CONCRETE SHOULDER RUMBLE STRIPS LF	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF	REMARKS
0010	209+34 -	225+30	RT	-	1,596	Aux Lane Asphalt Outsid
	229+85 -	254+10	RT	2,425	-	
	257+40 -	262+14	LT	-	474	Aux Lane Asphalt Outsid
	262+14 -	274+20	RT	-	1,206	Aux Lane Asphalt Outsid
	277+20 -	298+90	RT	2,170	-	
	305+80 -	311+85	RT	-	605	Ramp
	311+85 -	330+70	RT	1,885	-	
	334+05 -	360+30	RT	2,625	-	
	367+30 -	373+17	LT	-	587	Ramp
	373+17 -	416+25	RT	4,308	-	
	424+90 -	430+80	RT	-	590	CTH KK Turn Lane
	430+80 -	453+30	RT	2,250	-	
	460+45 -	497+69	RT	3,724	-	
	209+34 -	418+00	LT	-	20,866	
	424+30 -	453+30	LT	-	2,900	
	460+20 -	467+70	LT	-	750	
	473+20 -	497+70	LT	-	2,450	
		STAGE 2 TOTAL:		19,387	32,024	
0010	259+16 -	278+55	LT	-	1,939	Aux. Lane
	279+60 -	303+80	LT	2,420	-	
	312+10 -	323+64	LT	1,154	-	
	323+64 -	329+70	LT	-	606	Ramp
	336+10 -	363+75	LT	2,765	-	
	372+80 -	422+70	LT	4,990	-	
	429+70 -	457+75	LT	2,805	-	
	464+55 -	470+70	LT	615	-	
	476+50 -	501+67	LT	2,517	-	
	259+16 -	422+40	RT	-	16,324	
	429+75 -	457+90		-	2,815	
	464+55 -	470+95		-	640	
	473+40 -	501+67		-	2,827	
		STAGE 3 TOTAL:		17,266	25,151	
		TOTAL 0010		**36,653**	**57,175**	

TACK COAT

CATEGORY	STATION TO	STATION	LOCATION	455.0605 GAL	REMARKS
0010	760+27 -	761+22	CTH KK	29	
	780+83 -	781+36	RICHLAND RD SOUTH	11	
	771+37 -	771+79	STAUFFACHER RD	11	
	783+84 -	784+35	RICHLAND ROAD NORTH	11	
	792+93 -	793+59	HILTBRAND LN	14	
			TOTAL 0010	76	

ASPHALTIC SURFACE PATCHING

CATEGORY	LOCATION	465.0110 TON	REMARKS
0010	PROJECT	10	
	TOTAL 0010	**10**	

HMA PAVEMENT 4 LT 58-28 S

CATEGORY	STATION		TO STATION	LOCATION	460.5224 TON	REMARKS
0010	424+91	-	443+72	STH 11 EB RT	203	
	209+34	-	226+34	STH 11 EB LT	1,820	
	209+34	-	417+98	STH 11 EB LT	1,820	
	211+48	-	226+34	STH 11 EB RT	260	
	227+96	-	256+35	STH 11 EB RT	365	
	262+14	-	275+23	STH 11 EB RT	225	
	277+14	-	301+15	STH 11 EB RT	300	
	311+85	-	331+68	STH 11 EB RT	260	
	334+04	-	362+45	STH 11 EB RT	365	
	373+17	-	421+81	STH 11 EB RT	595	
	417+98	-	422+49	STH 11 EB LT	30	
	424+48	-	458+19	STH 11 EB LT	285	
	443+72	-	458+14	STH 11 EB RT	150	
	459+98	-	497+70	STH 11 EB RT	490	
	460+24	-	471+17	STH 11 EB LT	90	
	473+14	-	497+70	STH 11 EB LT	215	
	226+34	-	240+78	RAMP L RT	145	
	228+49	-	240+78	RAMP L LT	90	
	242+91	-	255+98	RAMP M LT	85	
	242+91	-	262+14	RAMP M RT	215	
	275+23	-	289+04	RAMP U RT	155	
	277+77	-	289+04	RAMP U LT	50	
	292+38	-	299+99	RAMP V LT	50	
	292+38	-	311+85	RAMP V RT	210	
	334+48	-	345+70	RAMP Y LT	85	
	331+68	-	345+17	RAMP Y RT	135	
	346+03	-	361+61	RAMP Z LT	105	
	346+59	-	373+17	RAMP Z RT	285	
	760+27		761+22	CTH KK	105	
	780+83		781+36	RICHLAND RD SOUTH	30	
	STAGE 2 TOTAL:				9,218	

HMA PAVEMENT 4 LT 58-28 S

CATEGORY	STATION		TO STATION	LOCATION	460.5224 TON	REMARKS
0010	259+16	-	272+57	STH 11 WB LT	235	
	259+16	-	422+36	STH 11 WB RT	1,420	
	277+54	-	305+61	STH 11 WB LT	365	
	311+03	-	323+64	STH 11 WB LT	165	
	334+22	-	365+42	STH 11 WB LT	400	
	371+81	-	423+16	STH 11 WB LT	670	
	424+76	-	457+97	STH 11 WB RT	280	
	425+08	-	458+27	STH 11 WB LT	385	
	460+03	-	470+93	STH 11 WB RT	85	
	460+06	-	471+16	STH 11 WB LT	105	
	472+99	-	501+67	STH 11 WB LT	350	
	473+52	-	501+67	STH 11 WB RT	245	
	422+36	-	423+67	STH 11 WB TURN LANE RT	15	
	424+18	-	424+76	STH 11 WB TURN LANE RT	15	
	457+97	-	458+66	STH 11 WB TURN LANE RT	15	
	459+54	-	460+03	STH 11 WB TURN LANE RT	15	
	470+93	-	472+01	STH 11 WB TURN LANE RT	15	
	472+51	-	473+52	STH 11 WB TURN LANE LT	20	
	212+54	-	213+28	MAINT. CROSSOVER	40	
	272+46		273+20	MAINT. CROSSOVER	40	
	323+73	-	324+20	MAINT. CROSSOVER	35	
	370+19	-	370+66	MAINT. CROSSOVER	35	
	493+44	-	494+48	MAINT. CROSSOVER	55	
	233+70	-	234+40	RAMP J LT	10	
	233+70	-	234+40	RAMP J RT	5	
	242+23	-	244+64	RAMP J LT	25	
	242+23	-	245+17	RAMP J RT	20	
	245+62	-	258+06	RAMP K RT	120	
	246+50	-	259+11	RAMP K LT	115	
	272+57	-	288+54	RAMP S LT	180	
	278+17	-	288+49	RAMP S RT	75	
	291+00	-	311+03	RAMP T LT	220	
	291+00	-	305+08	RAMP T RT	100	
	323+64	-	341+16	RAMP W LT	195	
	334+86	-	347+98	RAMP W RT	90	
	348+73	-	364+94	RAMP X RT	230	
	349+41	-	371+81	RAMP X LT	115	
	172+18	-	173+95	STH 81 EB RT	35	
	172+53	-	173+31	STH 81 WB LT	35	
	771+37	-	771+79	STAUFFACHER RD	30	
	783+84	-	784+35	RICHLAND ROAD NORTH	30	
	792+93	-	793+59	HILTBRAND LN	40	
	STAGE 3 TOTAL:				6,675	
				TOTAL 0010	**15,894**	

ASPHALTIC SURFACE TEMPORARY

CATEGORY	STATION	TO	STATION	LOCATION	465.0125 TON	REMARKS
0010	165+96 WB	-	176+85 WB	Crossover A	166	
	212+83 WB	-	225+96 WB	Crossover B & C	758	
	260+31 WB	-	274+47 WB	Crossover D & E	825	
	302+94	-	308+78	WB Median Shoulder	120	
	203+29 WB	-	319+65 WB	Crossover F & G	974	
	358+96 WB	-	382+25 WB	Crossover J & K	788	
	495+27 WB	-	512+16 WB	Crossover H & I	584	
	423+50	-	425+00	STH 11 LT	15	
	370+00	-	373+00	STH 11 LT	20	
	363+50	-	365+00	STH 11 LT	15	
	337+00	-	342+70	STH 11 LT	55	
	305+50	-	342+70	STH 11 RT	135	
	311+00	-	313+00	STH 11 LT	20	
	303+50	-	305+50	STH 11 LT	20	
	280+00	-	286+00	STH 11 LT	60	
	262+50	-	286+00	STH 11 RT	85	
			STAGE 1 TOTAL:		4,640	
				TOTAL 0010	**4,640**	

CROSS DRAIN CULVERT PIPES

CATEGORY	STATION	LOCATION	520.1018 APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	520.2018 CULVERT PIPE TEMPORARY 18-INCH LF	522.0118 CULVERT PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	522.0130 CULVERT PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	524.0618 APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	524.0630 APRON ENDWALLS FOR CULVERT PIPE SALVAGED 30-INCH EACH	REMARKS
0010	245+00J	STH 81 WB ON RAMP	-	-	18	-	-	1	-	EXTEND PIPE & RELOCATE EXISTING ENDW
	309+00EB-30'LT		2	248	-	-	-	-	-	STAGE 1 CROSSOVER F & G
	307+61W-32.7'LT	STH 59 WB ON-RAMP	-	-	12	-	2	-	-	2-6' CULVERT PIPE
	353+22Z-50'RT	STH 59 EB ON-RAMP	-	-	-	8	-	-	-	EXTEND PIPE & RELOCATE EXISTING ENDW
	377+35EB-110'RT	MEDIAN CULVERT	-	-	-	-	-	-	1	JOINT TIE EXISTING ENDWALL
	396+10WB-85'LT	MEDIAN CULVERT	-	-	-	-	-	1	-	JOINT TIE EXISTING ENDWALL
	406+25EB-65'RT	MEDIAN CULVERT	-	-	-	-	-	-	1	JOINT TIE EXISTING ENDWALL
	501+65WB-13'RT	60' MEDIAN	-	-	20	-	-	1	-	EXTEND PIPE & REMOVE & REPLACE INLET
	505+26EB-30.8'LT		2	336	-	-	-	-	-	STAGE 1 CROSSOVER I
		TOTAL 0010	**4**	**584**	**50**	**8**	**2**	**3**	**2**	

CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G

CATEGORY	STATION TO	STATION	LOCATION	601.0413 LF	REMARKS
0010	168+04	- 169+05	STH 81 BE	105	
	167+99	- 168+93	STH 81 BW	99	
	171+95	- 173+38	STH 81 BE	147	
	171+83	- 173+33	STH 81 BW	153	
	173+99	- 176+04	STH 81 BE	212	
	173+94	- 175+99	STH 81 BW	206	
	15+97	- 17+74	STH 59 NB	177	
	15+82	- 17+60	STH 59 SB	181	
	18+34	- 19+77	STH 59 NB	143	
	18+24	- 19+60	STH 59 SB	139	
	22+35	- 23+65	STH 59 NB	132	
	22+18	- 23+52	STH 59 SB	136	
	24+29	- 26+11	STH 59 NB	185	
	24+16	- 25+97	STH 59 SB	182	
	761+63	- 762+34	CTH KK RT	74	
	422+61	- 424+03	CTH KK TURN LANE	144	
	423+07	- 424+04	STH 11 EB	99	
			TOTAL 0010	**2,513**	

CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A

CATEGORY	STATION TO	STATION	LOCATION	601.0555 LF	REMARKS
0010	240+61	- 241+50	RAMP L	96	
	242+36	- 242+68	RAMP M	58	
	245+09	- 845+52	RAMP J	54	
	246+07	- 246+50	RAMP K	93	
	347+97	- 348+39	RAMP W	51	
	348+94	- 349+41	RAMP X	85	
	345+17	- 345+64	RAMP Y	78	
	345+62	- 346+04	RAMP Z	52	
	761+27	- 761+79	CTH KK LT	102	
	770+37	- 770+62	STAUFFACHER RD LT	45	
	770+43	- 771+37	STAUFFACHER RD RT	115	
	781+37	- 781+95	RICHLAND RD SOUTH LT	91	
	781+58	- 781+96	RICHLAND RD SOUTH RT	60	
	783+38	- 783+69	RICHLAND RD NORTH LT	44	
	783+38	- 783+84	RICHLAND RD NORTH RT	83	
	792+34	- 792+79	HILTBRAND LN LT	67	
	792+42	- 792+92	HILTBRAND LN RT	80	
			TOTAL 0010	**1,254**	

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R

CATEGORY	STATION TO	STATION	LOCATION	601.0580 LF	REMARKS
0010	164+50	- 167+25	STH 81 BE	288	
	164+45	- 167+21	STH 81 BW	283	
			TOTAL 0010	**571**	

RIP RAP ITEMS

CATEGORY	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	645.0130 GEOTEXTILE TYPE R SY	REMARKS
0010	244+94 J	42 LT	7	30	-	
	241+65 L	94.94 LT	6	-	20	FLUMES
	242+57 M	136.72 LT	6	-	20	FLUMES
	289+31 WB	2.25 RT	6	-	20	FLUMES
	291+60 EB	29.34 RT	6	-	20	FLUMES
	291+95 WB	1.50 RT	6	-	20	FLUMES
	347+59 W	130.54 RT	6	-	20	FLUMES
	348+57 X	140.45 RT	6	-	20	FLUMES
		TOTAL 0010	**49**	**30**	**140**	

INLETS AND COVERS

CATEGORY	STRUCTURE NUMBER	STATION	OFFSET	204.0220 REMOVING INLETS EACH	611.0600 INLET COVERS TYPE A EACH	611.0630 INLET COVERS TYPE HM-GJ EACH	611.0642 INLET COVERS TYPE MS EACH	611.3220 INLETS 2X2-FT EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	REMARKS
0010	1	171+77BW	34'LT	1	1	-	-	1	-	-	REMOVE & REPLACE INLET
	2	172+53BE	32'RT	1	1	-	-	1	-	-	REMOVE & REPLACE INLET
	3	173+12BW	0'RT	1	-	1	-	-	1	-	REMOVE & REPLACE INLET
	4	173+18BE	10'LT	1	-	1	-	-	1	-	REMOVE & REPLACE INLET
	5	15+98SB	0'RT	-	-	1	-	-	-	-	REMOVE & REPLACE INLET COVER
	6	16+12NB	0'LT	-	-	1	-	-	-	-	REMOVE & REPLACE INLET COVER
	7	19+28SB	22'LT	-	1	-	-	-	-	-	REMOVE & REPLACE INLET COVER
	8	19+63NB	22'RT	-	1	-	-	-	-	-	REMOVE & REPLACE INLET COVER
	9	501+65WB	13'RT	1	-	-	1	-	-	1	REMOVE & REPLACE INLET
			TOTAL 0010	**5**	**4**	**4**	**1**	**2**	**2**	**1**	

BEAM GUARD

CATEGORY	STATION	TO	STATION	LOCATION	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL EACH	614.0230 STEEL THRIE BEAM LF	614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 EACH	REMARKS
0010											
	291+23	-	294+99	STH 11 EB LT	-	-	287.5	39.4	1.0	-	B-23-36
	291+36	-	294+77	STH 11 EB RT	-	-	250.0	39.4	1.0	-	B-23-36
	286+09	-	289+45	STH 11 WB LT	-	-	250.0	39.4	1.0	-	B-23-35
	287+05	-	289+57	STH 11 WB RT	-	-	162.5	39.4	1.0	-	B-23-35
	STAGE 1 TOTAL:				0.0	0.0	950.0	157.6	4.0	0.0	
	222+85	-	225+24	STH 11 EB RT	-	-	137.5	-	2.0	-	MONOTUBE
	272+46	-	274+77	STH 11 EB RT	-	-	175.0	-	1.0	1.0	MONOTUBE
	285+70	-	289+10	STH 11 EB LT	-	-	250.0	39.4	1.0	-	B-23-36
	286+66	-	289+21	STH 11 EB RT	-	-	162.5	39.4	1.0	-	B-23-36
	345+69	-	347+63	STH 11 EB MEDIAN	2.0	450.0	-	-	-	-	B-23-37
	242+45	-	245+02	STH 11 EB MEDIAN	2.0	400.0	-	-	-	-	B-23-33
	18+75	-	19+66	STH 59 NB RT	-	-	12.5	39.4	1.0	-	B-23-37
	18+68	-	19+30	STH 59 SB LT	-	-	12.5	39.4	-	1.0	B-23-37
	22+30	-	23+35	STH 59 SB LT	-	-	12.5	39.4	1.0	-	B-23-37
	22+65	-	23+66	STH 59 NB RT	-	-	25.0	39.4	-	1.0	B-23-37
	422+39	-	429+18	CTH KK TURN LANE RT	-	-	612.5	-	1.0	1.0	
	STAGE 2 TOTAL:				4.0	850.0	1,400.0	236.4	8.0	4.0	
	261+47	-	263+83	STH 11 WB LT	-	-	137.5	-	2.0	-	MONOTUBE
	291+57	-	295+32	STH 11 WB LT	-	-	287.5	39.4	1.0	-	B-23-35
	291+67	-	295+08	STH 11 WB RT	-	-	250.0	39.4	1.0	-	B-23-35
	168+17	-	169+15	STH 81 BE RT	-	-	12.5	39.4	1.0	-	B-23-33
	171+76	-	172+73	STH 81 BW LT	-	-	12.5	39.4	1.0	-	B-23-33
	STAGE 3 TOTAL:				0.0	0.0	700.0	157.6	6.0	0.0	
				TOTAL 0010	**4.0**	**850.0**	**3,050.0**	**551.6**	**18.0**	**4.0**	

LANDSCAPE ITEMS

CATEGORY	STATION TO STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB	REMARKS
0010	209+34 - 230+00	STH 11 EB	2,300	2,300	1	41	20	
	230+00 - 253+00	STH 11 EB	2,550	2,550	2	46	23	
	253+00 - 280+00	STH 11 EB	3,000	3,000	2	55	27	
	280+00 - 298+00	STH 11 EB	2,000	2,000	1	36	18	
	298+00 - 336+00	STH 11 EB	4,220	4,220	3	76	38	
	336+00 - 359+00	STH 11 EB	2,560	2,560	2	46	23	
	359+00 - 422+00	STH 11 EB	7,000	7,000	4	126	63	
	423+00 - 458+00	STH 11 EB	3,890	3,890	2	70	35	
	460+00 - 497+70	STH 11 EB	4,190	4,190	3	75	37	
	230+00 - 241+00	RAMP L	3,810	1,222	2	69	34	
	230+00 - 241+00	RAMP L	1,220	1,220	1	22	11	
	280+00 - 289+00	RAMP U	1,000	1,000	1	18	9	
	292+30 - 298+00	RAMP V	630	630	1	11	5	
	336+00 - 345+50	RAMP Y	1,060	1,060	1	19	10	
	346+00 - 359+00	RAMP Z	3,330	1,444	2	60	30	
	760+00 - 762+00	CTH KK	220	220	1	4	2	
	780+83 - 782+00	RICHLAND RD (S)	130	130	1	2	1	
	STAGE 2 TOTAL:		43,110	38,637	30	777	386	
0010	259+00 - 281+00	STH 11 WB	2,440	2,440	2	44	22	
	281+00 - 303+00	STH 11 WB	2,440	2,440	2	44	22	
	303+00 - 337+00	STH 11 WB	3,780	3,780	2	68	34	
	337+00 - 363+00	STH 11 WB	2,890	2,890	2	52	26	
	363+00 - 423+00	STH 11 WB	6,670	6,670	4	120	60	
	425+00 - 458+00	STH 11 WB	3,670	3,670	2	66	33	
	460+00 - 471+50	STH 11 WB	1,280	1,280	1	23	12	
	473+00 - 501+70	STH 11 WB	3,190	3,190	2	57	29	
	242+00 - 245+00	RAMP J	330	330	1	6	3	
	246+00 - 259+00	RAMP K	1,440	1,440	1	26	13	
	281+00 - 288+50	RAMP S	830	830	1	15	7	
	291+00 - 303+00	RAMP T	1,330	1,330	1	24	12	
	337+00 - 348+00	RAMP W	1,220	1,220	1	22	11	
	349+00 - 363+00	RAMP X	1,560	1,560	1	28	14	
	770+50 - 771+80	STAUFFACHER RD	150	150	1	3	1	
	783+40 - 784+30	RICHLAND RD (N)	100	100	1	2	1	
	792+40 - 793+60	HILTBRAND LN	130	130	1	2	1	
	STAGE 3 TOTAL:		33,450	33,450	25	602	301	
		TOTAL 0010	**76,560**	**72,087**	**55**	**1,380**	**687**	

FENCE WOVEN WIRE (4-FEET)

CATEGORY	STATION	LOCATION	616.0100 LF	REMARKS
0010	289+00 EB	LT	48	MEDIAN B-23-35 & B-23-36
	291+10 EB	LT	48	MEDIAN B-23-35 & B-23-36
		TOTAL 0010	**96**	

WATER

CATEGORY	LOCATION	624.0100 MGAL	REMARKS
0010	PROJECT	580	
	TOTAL 0010	**580**	

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EROSION BALES

CATEGORY	STATION	LOCATION	628.1104 EACH	REMARKS
0010	209+40EB	MEDIAN LT	12	
	357+80EB	MEDIAN LT	12	
	383+30EB	DITCH RT	12	
	392+00EB	MEDIAN LT	12	
		TOTAL 0010	**48**	

EROSION CONTROL MOBILIZATION

CATEGORY	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	REMARKS
0010	PROJECT	4	2	
	TOTAL 0010	**4**	**2**	

SILT FENCE

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	REMARKS
0010	236+50L	-	241+00L	RT	450	900	
	276+00U	-	285+00U	RT	900	1,800	
	285+00EB	-	289+00EB	RT	400	800	
	291+00EB	-	296+00EB	RT	500	1,000	
	293+00V	-	296+50V	LT	350	700	
	304+00V	-	311+00V	RT	750	1,500	
	321+00EB	-	325+00EB	RT	400	800	
	332+50Y	-	337+00Y	RT	450	900	
	343+00Y	-	345+50Y	RT	300	600	
	350+00Z	-	354+00Z	RT	450	900	
	380+00EB	-	383+00EB	RT	300	600	
	413+00EB	-	421+50EB	RT	750	1,500	
	421+50EB	-	CTH KK	RT/LT	150	300	
	CTH KK	-	430+00EB	RT	850	1,700	
	453+50EB	-	RICHLAND RD (S)	RT/LT	550	1,100	
			STAGE 2 TOTAL:		7,550	15,100	
0010	236+00J	-	238+00J	LT	250.0	500.0	
	242+00J	-	245+50J	LT	350	700	
	242+00J	-	245+00J	RT	300	600	
	246+00K	-	253+00K	RT	700	1,400	
	246+50K	-	250+00K	LT	350	700	
	260+00WB	-	265+00WB	LT	550	1,100	
	282+50S	-	289+00S	RT	650	1,300	
	285+00S	-	289+00S	LT	400	800	
	286+00WB	-	290+00WB	LT	400	800	
	340+00W	-	341+50W	LT	150	300	
	339+50W	-	347+50W	RT	800	1,600	
	349+50X	-	351+50X	LT	200	400	
	422+50WB	-	STAUFFACHER RD	LT	300	600	
	STAUFFACHER RD	-	430+00WB	RT/LT	600	1,200	
	457+50WB	-	RICHLAND RD (N)	LT	200	400	
	RICHLAND RD (N)	-	465+00WB	RT/LT	600	1,200	
	467+50WB	-	HILTBRAND LN	LT	500	1,000	
	HILTBRAND LN	-	476+00WB	RT/LT	450	900	
			STAGE 3 TOTAL:		7,500	15,000	
				TOTAL 0010	**15,050**	**30,100**	

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EROSION CONTROL MAT

CATEGORY	STATION	TO	STATION	LOCATION	628.2002 EROSION MAT CLASS I TYPE A SY	628.2004 EROSION MAT CLASS I TYPE B SY	REMARKS
0010	241+50EB		243+00EB	SLOPE/DITCH LT	-	170	
	285+00EB		288+50EB	SLOPE/DITCH LT	-	390	
	285+00EB		289+00EB	SLOPE/DITCH RT	-	1,200	
	321+50EB		325+00EB	SLOPE RT	1,080	-	
	413+50EB		415+00EB	SLOPE/DITCH RT	-	580	
	417+00EB		CTH KK	SLOPE RT	1,880	-	
	451+50EB		RICHLAND RD (S)	SLOPE/DITCH RT	-	1,760	
	236+50L		241+00L	SLOPE RT	2,500	-	
	276+00U		285+00U	SLOPE/DITCH RT	-	2,760	
	304+00V		309+50V	SLOPE/DITCH RT	-	2,070	
	333+00Y		337+00Y	SLOPE/DITCH RT	-	1,290	
	343+00Y		345+00Y	SLOPE/DITCH RT	-	900	
	350+00Z		354+00Z	SLOPE RT	1,890	-	
	CTH KK		430+00EB	SLOPE/DITCH RT	-	2,270	
	RICHLAND RD (S)		460+50EB	SLOPE RT/DITCH	335	-	
			STAGE 2 TOTAL:		7,685	13,390	
0010	260+00WB		265+00WB	SLOPE/DITCH LT	-	710	
	286+00WB		289+50	SLOPE/DITCH LT	-	1280	
	292+00WB		296+00WB	SLOPE/DITCH RT	-	450	
	373+50WB		375+00WB	SLOPE/DITCH LT	-	290	
	422+50WB		STAUFFACHER RD	SLOPE LT	890	-	
	STAUFFACHER RD		430+00WB	SLOPE/DITCH LT	-	1,580	
	424+50WB		429+50WB	SLOPE/DITCH RT	-	560	
	458+00WB		RICHLAND RD (N)	SLOPE LT	520	-	
	RICHLAND RD (N)		464+00WB	SLOPE LT	1,802	-	
	466+00WB		471+50WB	SLOPE/DITCH RT	-	610	
	468+00WB		HILTBRAND LN	SLOPE LT	1,770	-	
	HILTBRAND LN		476+00WB	SLOPE LT	1,510	-	
	242+00J		245+70J	SLOPE LT	850	-	
	242+00J		245+00J	SLOPE RT	1,340	-	
	246+00K		253+00K	SLOPE/DITCH RT	-	3,190	
	246+50K		250+50K	SLOPE/DITCH LT	-	1,130	
	285+00S		289+00S	SLOPE LT	1,020	-	
	285+00S		288+50S	SLOPE RT	950	-	
	340+00W		348+00W	SLOPE/DITCH LT	-	890	
	340+00W		348+00W	SLOPE/DITCH RT	-	2,150	
	349+50X		351+50X	SLOPE/DITCH LT	-	610	
				STAGE 3 TOTAL:	10,652	11,010	
				TOTAL 0010	**18,337**	**24,400**	

INLET PROTECTION TYPE A

CATEGORY	STATION	LOCATION	628.7005 EACH	REMARKS
0010	205+30EB	30' LT	1	
	216+90EB	30' LT	1	
	223+20EB	30' LT	1	
	231+50EB	30' LT	1	
	235+30EB	30' LT	1	
	244+60EB	60'RT	1	
	245+70EB	30' LT	1	
	250+70EB	30'LT	1	
	251+40M	28'RT	1	
	261+30EB	30'LT	1	
	273+30EB	30'LT	1	
	277+30EB	30'LT	1	
	281+30EB	30'LT	1	
	292+80V	50'LT	1	
	296+30EB	30'LT	1	
	310+50EB	30'LT	1	
	311+80EB	30'LT	1	
	323+20EB	30'LT	1	
	340+60EB	30'LT	1	
	353+30EB	30'LT	1	
	353+40EB	75'RT	1	
	357+30Z	32'LT	1	
	359+40Z	22'LT	1	
	361+30EB	30'LT	1	
	369+30EB	30'LT	1	
	377+30EB	30'LT	1	
	389+30EB	30'LT	1	
	395+30EB	30'LT	1	
	406+70EB	30'LT	1	
	415+30EB	30'LT	1	
	422+40EB	30'LT	1	
	426+40EB	30'LT	1	
	438+30EB	30'LT	1	
	444+40EB	30'LT	1	
	459+70EB	30'LT	1	
	472+80EB	30'LT	1	
	493+70EB	20'LT	1	
	STAGE 2 TOTAL:		37	

INLET PROTECTION TYPE A

CATEGORY	STATION	LOCATION	628.7005 EACH	REMARKS
0010	245+00WB	50'LT	1	
	292+80T	100'RT	1	
	362+20X	35'RT	1	
	501+70WB	11'RT	1	
	501+70WB	30'RT	1	
	STAGE 3 TOTAL:		5	
	TOTAL 0010		**42**	

CULVERT PIPE CHECKS

CATEGORY	STATION	LOCATION	628.7555 EACH	REMARKS
0010	235+30EB	DITCH RT	8	
0010	459+70EB	DITCH RT	4	RICHLAND RD (S)
	STAGE 2 TOTAL:		12	
0010	235+30WB	DITCH LT	4	
0010	427+20WB	DITCH LT	4	
	STAGE 3 TOTAL:		8	
	TOTAL 0010		**20**	

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TEMPORARY DITCH CHECKS

CATEGORY	STATION	LOCATION	628.7504 LF	REMARKS
0010	209+40EB	MEDIAN LT	30	
	209+40EB	DITCH RT	20	
	215+50EB	DITCH RT	20	
	220+30EB	MEDIAN LT	30	
	227+00EB	MEDIAN LT	30	
	233+80EB	DITCH RT	20	
	234+70EB	MEDIAN LT	30	
	235+00EB	DITCH RT	20	
	235+80EB	DITCH RT	20	
	240+00EB	MEDIAN LT	30	
	248+00EB	MEDIAN LT	30	
	252+00EB	MEDIAN LT	30	
	258+00EB	MEDIAN LT	30	
	268+70EB	MEDIAN LT	30	
	273+30EB	MEDIAN LT	30	
	279+00U	DITCH RT	20	
	279+30EB	MEDIAN LT	30	
	281+00U	DITCH RT	20	
	282+50EB	MEDIAN LT	30	
	283+00U	DITCH LT	20	
	286+60EB	MEDIAN LT	30	
	288+30EB	MEDIAN LT	30	
	295+50EB	MEDIAN LT	30	
	297+30EB	MEDIAN LT	30	
	299+30EB	MEDIAN LT	30	
	301+00EB	MEDIAN LT	30	
	303+30EB	MEDIAN LT	30	
	306+00EB	MEDIAN LT	30	
	312+20EB	MEDIAN LT	30	
	317+00EB	MEDIAN LT	30	
	324+00EB	MEDIAN LT	30	
	332+70EB	MEDIAN LT	30	
	334+30EB	MEDIAN LT	30	
	336+00EB	MEDIAN LT	30	
	338+20EB	MEDIAN LT	30	
	341+20EB	MEDIAN LT	30	
	344+00EB	MEDIAN LT	30	
	346+00EB	MEDIAN LT	30	
	349+70EB	MEDIAN LT	30	
	351+70EB	MEDIAN LT	30	

TEMPORARY DITCH CHECKS

CATEGORY	STATION	LOCATION	628.7504 LF	REMARKS
0010	356+00EB	MEDIAN LT	30	
	359+40EB	MEDIAN LT	30	
	363+70EB	MEDIAN LT	30	
	365+50EB	MEDIAN LT	30	
	367+70EB	MEDIAN LT	30	
	373+30EB	MEDIAN LT	30	
	376+70EB	MEDIAN LT	30	
	385+00EB	MEDIAN LT	30	
	394+30EB	MEDIAN LT	30	
	398+30EB	MEDIAN LT	30	
	401+30EB	MEDIAN LT	30	
	404+60EB	MEDIAN LT	30	
	409+30EB	MEDIAN LT	30	
	411+80EB	MEDIAN LT	30	
	413+00EB	DITCH RT	20	
	413+20EB	MEDIAN LT	30	
	414+70EB	MEDIAN LT	30	
	414+80EB	DITCH RT	20	
	417+30EB	MEDIAN LT	30	
	417+50EB	DITCH RT	20	
	419+20EB	MEDIAN LT	30	
	421+00EB	MEDIAN LT	30	
	425+50EB	MEDIAN LT	30	
	426+80EB	MEDIAN LT	30	
	427+60EB	MEDIAN LT	30	
	429+50EB	MEDIAN LT	30	
	432+30EB	MEDIAN LT	30	
	434+70EB	MEDIAN LT	30	
	437+50EB	MEDIAN LT	30	
	439+50EB	MEDIAN LT	30	
	440+50EB	MEDIAN LT	30	
	443+00EB	MEDIAN LT	30	
	447+20EB	MEDIAN LT	30	
	451+00EB	MEDIAN LT	30	
	453+70EB	MEDIAN LT	30	
	456+70EB	MEDIAN LT	30	
	461+60EB	MEDIAN LT	30	
	465+50EB	MEDIAN LT	30	
	475+00EB	MEDIAN LT	30	

TEMPORARY DITCH CHECKS

CATEGORY	STATION	LOCATION	628.7504 LF	REMARKS
0010	477+50EB	MEDIAN LT	30	
	480+00EB	MEDIAN LT	30	
	482+50EB	MEDIAN LT	30	
	485+00EB	MEDIAN LT	30	
	487+50EB	MEDIAN LT	30	
	490+00EB	MEDIAN LT	30	
	495+00EB	MEDIAN LT	30	
	497+50EB	MEDIAN LT	30	
	500+00EB	MEDIAN LT	30	
STAGE 2 TOTAL:			2,500	
0010	233+50WB	DITCH LT	20	
	237+50WB	DITCH LT	20	
	310+80WB	DITCH LT	20	
	311+70WB	DITCH LT	20	
	341+30W	DITCH LT	20	
	341+80W	DITCH LT	20	
	343+50W	DITCH LT	20	
	345+50W	DITCH LT	20	
	349+50X	DITCH LT	20	
	353+80WB	DITCH LT	20	
	354+40WB	DITCH LT	20	
	RICHLAND RD (N)	DITCH LT	20	
	RICHLAND RD (N)	DITCH RT	20	
	HILTBRAND RD	DITCH LT	20	
	HILTBRAND RD	DITCH LT	20	
STAGE 3 TOTAL:			300	
TOTAL 0010			**2,800**	

DELINEATORS

CATEGORY	LOCATION	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS WHITE EACH	633.0500 DELINEATOR REFLECTORS YELLOW EACH	633.1100 DELINEATORS TEMPORARY EACH	REMARKS
0010		308	616	32	48	
		-	-	-	305	WINTER SHUTDOWN
	TOTAL 0010	**308**	**616**	**32**	**353**	

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SIGNS TYPE II REFLECTIVE

CAT	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	1-03	190+70EB	RT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT ARROW
	2-02	201+20EB	RT	W4-3R	48"x48"	-	-	1	-	-	-	16.0	TRAFFIC MERGES FROM RIGHT
	2-05	207+40WB	LT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT ARROW
	3-01	212+60WB	RT	R3-4-B	36"x48"	-	1	-	-	-	12.0	-	NO U-TURN
	3-02	213+10EB	LT	R3-4-B	36"x48"	-	1	-	-	-	12.0	-	NO U-TURN
	3-05	216+50EB	RT	R3-33-I	78"x36"	-	-	2	-	-	19.5	-	RIGHT LANE MUST EXIT
	3-08	220+30WB	LT	R3-33-I	78"x36"	-	-	2	-	-	19.5	-	RIGHT LANE MUST EXIT
	4-03	231+05L	LT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT ARROW
	4-04	232+98L	RT	W3-1	36"x36"	-	1	-	-	-	-	9.0	STOP AHEAD
	4-05	235+23WB	LT	W4-3R	48"x48"	-	-	1	-	-	-	16.0	TRAFFIC MERGES FROM RIGHT
	4-06	235+00L	RT	J2-2	48"x57"	-	-	1	-	-	19.0	-	STH 81 WEST-STH 69 SOUTH
	4-07	236+90L	RT	D1-2	66"x24"	-	2	-	-	-	11.0	-	MONROE-FREEPORT ARROW
	4-08	235+90L	RT	D1-3	84"x24"	-	-	2	-	-	14.0	-	BLACKHAWK TECH COLLEGE
	5-01	238+00L	LT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	5-02	238+00L	RT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	5-04	242+80M	LT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	5-05	169+23BE	RT	J2-1	24"x57"	-	-	1	-	-	9.5	-	STH 11 WEST
	5-07	241+30L	RT	R6-2-L	24"x30"	1	-	-	-	-	5.0	-	ONE WAY
	5-08	241+00L	RT	J3-1	24"x57"	-	1	-	-	-	9.5	-	STH 69 SOUTH
	5-09	241+00L	RT	R1-1	36"x36"	1	-	-	-	-	7.5	-	STOP
	5-10	241+50L	RT	R1-1	36"x36"	-	-	-	-	-	7.5	-	STOP
	5-11	241+50L	RT	R6-3	30"x24"	-	1	-	-	-	5.0	-	DIVIDED HIGHWAY
	5-12	169+30BE	RT	R5-1A	42"x30"	-	1	-	-	-	10.5	-	WRONG WAY
	5-14	241+70L	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	5-15	173+40BE	LT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	5-16	168+30BE	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	5-17	168+30BE	LT	R3-1	36"x36"	-	-	-	1	-	9.0	-	NO RIGHT TURN
	5-18	167+80BE	LT	D1-70	90"x42"	-	-	2	-	-	26.3	-	STH11 EAST-STH69 NORTH-STH81 EAST / JANESEVILLE ARROW
	5-19	168+00BE	LT	R4-7	36"x48"	-	1	-	-	-	12.0	-	KEEP RIGHT
	5-20	167+00BE	RT	D1-70	90"x72"	-	-	-	-	2	45.0	-	STH 11 WEST-DUBUQUE/STH 11 EAST-STH 69 NORTH/STH 81 EAST JANESVILLE ARROW
	5-21	167+90BE	LT	R3-2	36"x36"	1	-	-	-	-	9.0	-	NO LEFT TURN
	5-22	241+70L	LT	J3-1	24"x57"	-	-	-	1	-	9.5	-	STH 81 WEST ARROW
	5-23	171+80BW	LT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	5-24	174+30BW	LT	D1-71	90"x72"	-	-	-	-	2	45.0	-	STH11 EAST- STH69 NORTH- STH 81 EAST JANESVILLE ARROW/STH11 WEST DUBUQUE ARROW
	5-25	171+80BW	LT	J2-3	72"x57"	-	-	-	2	-	28.5	-	STH11 EAST-STH69 NORTH-STH 81 EAST
	5-26	173+90BE	RT	J3-1	24"x57"	-	-	1	-	-	9.5	-	STH 69 SOUTH
	5-27	245+10WB	LT	W12-2	48"x48"	-	-	1	-	-	-	16.0	16'2"
	5-28	245+10WB	RT	W12-2	48"x48"	-	1	-	-	-	-	16.0	16'2"

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SIGNS TYPE II REFLECTIVE

CAT	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	5-29	174+30BW	LT	R5-1	36"x36"	-	1	-	-	-	9.0	-	DO NOT ENTER
	5-33	173+20BE	RT	R5-1	36"x36"	-	1	-	-	-	9.0	-	DO NOT ENTER
	5-35	174+30BE	LT	R3-2	36"x36"	1	-	-	-	-	9.0	-	NO LEFT TURN
	5-36	173+20BE	RT	R3-1	36"x36"	-	-	-	-	-	9.0	-	NO RIGHT TURN
	5-40	246+10K	LT	J3-1	24"x57"	-	-	1	-	-	9.5	-	STH 81 WEST
	5-41	246+10K	LT	R1-1	36"x36"	-	1	-	-	-	7.5	-	STOP
	5-42	246+10K	LT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	5-46	247+70K	LT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	5-47	247+70K	RT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	5-48	173+10BW	RT	R4-7	36"x48"	-	1	-	-	-	12.0	-	KEEP RIGHT
	5-49	251+30EB	RT	W4-3R	48"x48"	-	-	1	-	-	-	16.0	TRAFFIC MERGES FROM RIGHT
	5-53	250+00K	LT	D1-3	66"x36"	-	2	-	-	-	16.5	-	MONROE- FREEPORT LEFT / ARGYLE RIGHT
	5-54	251+90K	LT	J2-2	48"x57"	-	1	-	-	-	19.0	-	STH69 NORTH-STH 81 EAST
	5-55	163+80BE	RT	D1-72	120"x66"	-	-	-	3	-	55.0	-	STH 11 WEST KEEP LEFT / STH 11 EAST - STH 69 NORTH - STH 81 EAST
	5-56	164+60BE	RT	D1-70	54"x54"	-	-	2	-	-	20.3	-	STH 81 WEST / ARGYLE AHEAD
	5-60	176+10BW	LT	D1-70	60"x54"	-	-	-	2	-	20.3	-	STH 69 SOUTH / MONROE AHEAD
	5-61	177+70BW	LT	D1-72	126"x66"	-	-	-	3	-	57.8	-	STH 11 EAST-STH 69 NORTH-STH 81 EAST KEEP LEFT/STH 11 WEST KEEP RIGHT
	5-62	167+00BE	RT	R5-1	36"X36"	-	-	-	-	-	9.0		DO NOT ENTER
	5-63	249+34K	RT	D1-70	84"X20"	-	-	2	-	-	11.7		BLACK HAWK TECH COLLEGE ARROW
	5-64	164+60BE	RT	R5-1A	36"X24"	-	1	-	-	-	6.0		WRONG WAY
	5-65	176+10BW	LT	R5-1A	36"x24"	-	-	-	-	-	6.0	-	WRONG WAY
	5-66	174+80BE	RT	R6-2-L	24"X30"	1	-	-	-	-	5.0		ONE WAY
	6-03	254+70K	RT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT ARROW
	6-04	254+00K	LT	W3-1	36"x36"	-	1	-	-	-	-	9.0	STOP AHEAD
	6-06	262+30WB	LT	E6-1	168"x138"	-	-	-	-	-	161.0	-	STH 69 SOUTH ,STH 81 WEST / ARGYLE / FREEPORT
	6-06	262+30WB	LT	E11-1	168"x42"	-	-	-	-	-	49.0	-	EXIT ONLY ARROW
	6-08	264+20	RT	R3-33-I	78"x36"	-	-	2	-	-	19.5	-	RIGHT LANE FOR EXIT ONLY
	7-01	268+00WB	LT	J4-3	100"x54"	-	-	-	2	-	40.5	-	STH11 WEST, STH69 SOUTH, STH81 WEST
	7-02	270+00WB	LT	W12-2	48"x48"	-	-	1	-	-	-	16.0	16'2" LOW CLEARANCE
	7-02	270+00WB	LT	W57-52	48"x36"	-	-	-	-	-	-	12.0	1/2 MILE AHEAD
	7-03	270+00WB	RT	W12-2	48"x48"	-	-	1	-	-	-	16.0	16'2" LOW CLEARANCE
	7-03	270+00WB	RT	W57-52	48"x36"	-	-	-	-	-	-	12.0	1/2 MILES AHAED
	7-04	272+00WB	LT	R3-33-I	78"x36"	-	-	2	-	-	19.5	-	RIGHT LANE MUST EXIT
	7-07	281+60U	RT	W3-1	36"x36"	-	1	-	-	-	-	9.0	STOP AHEAD
	7-08	280+30U	LT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT ARROW
	8-01	286+70U	RT	D1-1	66"x15"	-	2	-	-	-	6.9	-	18TH AVE ARROW
	8-02	285+00WB	LT	W4-3R	48"x48"	-	-	1	-	-	-	16.0	TRAFFIC MERGES FROM RIGHT

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SIGNS TYPE II REFLECTIVE

CAT	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	8-03	283+70U	RT	J2-1	24"x57"	-	1	-	-	-	9.5	-	STH 69 NORTH
	8-04	285+50U	RT	D1-3	60"x30"	-	-	2	-	-	12.5	-	VERONA LEFT / MONROE RIGHT
	8-05	287+80U	LT	R5-1A	36"x24"	1	-	-	-	-	6.0	-	WRONG WAY
	8-07	507+00	LT	D1-72	132"x66"	-	-	-	3	-	60.5	-	STH11 EAST, STH81 EAST KEEP LEFT/ STH11 WEST, STH69 SOUTH, STH81 WEST KEEP RIGHT
	8-08	506+80	LT	JH-1	24"x45"	-	1	-	-	-	7.5	-	STH 11 BUSINESS - HOSPITAL ARROW
	8-09	505+80	LT	D1-71	96"x84"	-	-	-	-	2	56.0	-	STH11 EAST, STH81 EAST JANESVILLE ARROW/STH11 WEST, STH69 SOUTH, STH81 WEST DUBUQUE ARROW
	8-10	505+80	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	8-11	506+80	LT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	8-12	289+90S	RT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	8-13	432+30NB	RT	J3-1	24"x57"	-	-	1	-	-	9.5	-	STH 11 BUSINESS ARROW
	8-14	502+80SB	RT	J2-1	48"x57"	-	1	-	-	-	19.0	-	STH 11 EAST-STH 81 EAST ARROW
	8-15	504+40SB	LT	D1-70	90"x42"	-	-	2	-	-	26.3	-	STH 11 WEST-STH 69 SOUTH-STH 81 WEST DUBUQUE ARROW
	8-16	432+20NB	RT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	8-17	505+20SB	RT	R3-2	24"x24"	1	-	-	-	-	4.0	-	NO LEFT TURN
	8-18	500+00SB	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	8-19	497+80SB	LT	J4-1	24"x36"	-	1	-	-	-	6.0	-	BUSINESS STH 11
	8-20	503+90SB	RT	R4-7	24"x30"	1	-	-	-	-	5.0	-	KEEP RIGHT
	8-21	289+70U	RT	R1-1	36"x36"	-	1	-	-	-	7.5	-	STOP
	8-22	287+80U	RT	JH-1	24"x45"	-	1	-	-	-	7.5	-	HOSPITAL
	8-24	287+80U	LT	R5-1A	36"x24"	-	-	-	-	-	6.0	-	WRONG WAY
	8-25	291+70V	LT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	8-26	289+80U	RT	R1-1	36"x36"	-	1	-	-	-	7.5	-	STOP
	8-27	289+80U	RT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	8-28	500+20SB	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	8-29	500+20SB	LT	R3-1	24"x24"	1	-	-	-	-	4.0	-	NO RIGHT TURN
	8-30	425+70NB	RT	J2-1	60"x54"	-	-	-	2	-	22.5	-	STH 69 NORTH-ARROW
	8-31	289+70T	LT	R1-1	36"x36"	1	-	-	-	-	7.5	-	STOP
	8-32	289+70T	LT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	8-33	289+80T	LT	R1-1	36"x36"	-	1	-	-	-	9.0	-	STOP
	8-34	291+80T	RT	D1-1	66"x15"	-	2	-	-	-	6.9	-	18TH AVE ARROW
	8-35	289+80T	LT	J3-1	24"x57"	-	-	1	-	-	9.5	-	STH 69 NORTH-ARROW
	8-36	426+70NB	RT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	8-38	500+40SB	RT	R4-7	24"x30"	1	-	-	-	-	5.0	-	KEEP RIGHT
	8-41	289+50T	RT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	8-42	427+80NB	RT	D1-70	72"x42"	-	-	2	-	-	21.0	-	STH 11 EAST-STH 81 EAST -JANESVILLE ARROW
	8-43	499+10SB	RT	R3-2	24"x24"	1	-	-	-	-	4.0	-	NO LEFT TURN
	8-44	429+00NB	RT	J2-3	72"x57"	-	-	2	-	-	28.5	-	STH 11 WEST-STH 69 SOUTH-STH 81 WEST

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SIGNS TYPE II REFLECTIVE

CAT	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	8-45	427+80NB	RT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	8-46	500+00SB	LT	J3-1	24"x57"	-	-	1	-	-	9.5	-	STH 69 NORTH
	8-48	426+80NB	RT	D1-71	90"x84"	-	-	-	-	2	52.5	-	STH 11 WEST-STH 69 SOUTH-STH 81 WEST DUBUQUE ARROW / STH 11 EAST - STH 81 EAST JANESVILLE ARROW
	8-49	425+30NB	RT	D1-72	132"x66"	-	-	-	-	3	60.5	-	STH 11 WEST-STH 69 SOUTH-STH 81 WEST LEFT LANE / STH 11 EAST - STH 81 EAST RIGHT LANE
	8-50	292+70EB	RT	W4-1R	48"x48"	-	-	1	-	-	-	16.0	THRU TRAFFIC MERGE LEFT
	8-51	291+80T	LT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	8-52	291+80T	RT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	8-53	294+00T	LT	D1-3	60"x30"	-	-	2	-	-	12.5	-	MONROE LEFT / VERONA RIGHT
	8-54	296+00T	LT	J2-2	48"x57"	-	-	1	-	-	19.0	-	BUSINESS STH 11 / STH 69 NORTH
	9-01	298+00T	LT	W3-1	36"x36"	-	1	-	-	-	-	9.0	STOP AHEAD
	9-05	302+90T	RT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT ARROW
	9-06	303+00EB	LT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	9-07	303+00EB	LT	W16-9P	48"x24"	-	-	-	-	-	-	8.0	AHEAD
	9-08	303+00EB	RT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	9-09	303+00EB	RT	W16-9P	48"x24"	-	-	-	-	-	-	8.0	AHEAD
	9-10	306+00EB	LT	W12-2	48"x48"	-	-	1	-	-	-	16.0	15'7" LOW CLEARANCE
	9-11	306+00EB	LT	W57-52	48"x36"	-	-	-	-	-	-	12.0	1/2 MILE AHEAD
	9-12	306+00EB	RT	W12-2	48"x48"	-	-	1	-	-	-	16.0	15'7" LOW CLEARANCE
	9-13	306+00EB	RT	W57-52	48"x36"	-	-	-	-	-	-	12.0	1/2 MILE AHEAD
	9-16	311+20EB	LT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	9-17	311+20EB	LT	W16-7R	30"x18"	-	-	-	-	-	-	3.8	ARROW
	9-18	311+20EB	RT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	9-19	311+20EB	RT	W16-7L	30"x18"	-	-	-	-	-	-	3.8	ARROW
	10-01	312+30WB	LT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	10-02	312+30WB	LT	W16-7L	30"x18"	-	-	-	-	-	-	3.8	ARROW
	10-03	312+30WB	RT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	10-04	312+30WB	RT	W16-7R	30"x18"	-	-	-	-	-	-	3.8	ARROW
	10-06	315+00EB	RT	R3-1	36"x48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55
	10-07	313+00EB	RT	J4-2	72"x54"	-	-	-	2	-	27.0	-	STH 11 EAST-STH 81 EAST
	10-08	318+00WB	LT	R2-1	36"x48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55
	10-10	322+00WB	LT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	10-11	322+00WB	LT	W16-9P	48"x24"	-	-	-	-	-	-	8.0	ARROW
	10-12	322+00WB	RT	W11-15	48"x48"	-	-	1	-	-	-	16.0	BICYCLE PEDESTRIAN CROSSING
	10-13	322+00WB	RT	W16-9P	48"x24"	-	-	-	-	-	-	8.0	ARROW
	10-18	323+70WB	RT	R3-4-B	36"x48"	-	1	-	-	-	12.0	-	NO U-TURN
	10-19	323+30EB	LT	R3-4-B	36"x48"	-	1	-	-	-	12.0	-	NO U-TURN
	11-03	327+00WB	LT	J4-2	72"x54"	-	-	1	-	-	27.0	-	STH 11 WEST-STH 81 WEST
	11-04	336+80Y	RT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT ARROW
	11-05	337+60Y	RT	W3-1	36"x36"	-	1	-	-	-	9.0	-	STOP AHEAD
	11-07	342+00WB	LT	W4-1R	48"x48"	-	-	1	-	-	-	16.0	THRU TRAFFIC MERGE LEFT

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SIGNS TYPE II REFLECTIVE

CAT	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	11-09	340+10Y	RT	J2-1	24"x57"	-	-	1	-	-	9.5	-	STH 59 EAST
	12-01	342+00Y	RT	D1-2	60"x30"	-	-	2	-	-	12.5	-	ALBANY ARROW / MONROE ARROW
	12-02	342+00Y	LT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	12-03	342+00Y	RT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	12-04	342+00Y	LT	D9-52L	36"x36"	-	1	-	-	-	9.0	-	MONROE AIRPORT-ARROW
	12-05	345+60Y	RT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	12-06	345+70Y	RT	R1-1	36"x36"	-	1	-	-	-	7.5	-	STOP
	12-07	345+70Y	RT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	12-08	345+70	LT	J3-1	24"x57"	-	-	1	-	-	9.5	-	STH 59 EAST-ARROW
	12-09	345+70	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	12-10	18+30SB	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	12-11	18+30SB	LT	R3-1	24"x24"	-	1	-	-	-	4.0	-	NO RIGHT TURN
	12-12	17+20SB	RT	R3-2	24"x24"	1	-	-	-	-	4.0	-	NO LEFT TURN
	12-13	19+30SB	LT	D1-1	72"x15"	-	2	-	-	-	7.5	-	JANESVILLE ARROW
	12-14	345+80EB	LT	W12-2	48"x48"	-	1	-	-	-	-	16.0	15'7" CLEARANCE
	12-15	345+80EB	RT	W12-2	48"x48"	-	1	1	-	-	-	16.0	15'7" CLEARANCE
	12-16	349+00X	RT	R6-2-L	24"x30"	-	-	-	-	-	5.0	-	ONE WAY
	12-17	18+40NB	LT	R4-7	24"x30"	1	-	-	-	-	5.0	-	KEEP RIGHT
	12-18	17+70NB	RT	J3-2	48"x57"	-	-	1	-	-	19.0	-	STH 11 EAST-STH 81 EAST
	12-19	17+70NB	RT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	12-20	24+00NB	RT	JH-1	24"x45"	-	1	-	-	-	7.5	-	HOSPITAL-ARROW
	12-21	354+00X	LT	J2-1	24"x57"	-	-	1	-	-	9.5	-	STH 59 EAST
	12-23	347+90W	RT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	12-24	24+50SB	LT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	12-25	24+50SB	LT	J3-2	48"x57"	-	-	1	-	-	19.0	-	STH 11 WEST-STH 81 WEST
	12-26	23+40SB	RT	R4-7	24"x30"	1	-	-	-	-	5.0	-	KEEP RIGHT
	12-27	348+30WB	LT	W12-2	36"x36"	-	1	-	-	-	-	9.0	15'9" CLEARANCE
	12-28	348+30WB	RT	W12-2	36"x36"	-	1	-	-	-	-	9.0	15'9" CLEARANCE
	12-29	22+80NB	RT	J3-2	48"x57"	-	-	1	-	-	19.0	-	STH 11 WEST-STH 81 WEST
	12-30	24+30SB	RT	R3-2	24"x24"	1	-	-	-	-	4.0	-	NO RIGHT TURN
	12-31	19+70NB	RT	D1-1	72"x15"	-	2	-	-	-	7.5	-	DUBUQUE ARROW
	12-32	22+80NB	RT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	12-33	23+50NB	RT	R3-1	24"x24"	-	1	-	-	-	4.0	-	NO RIGHT TURN
	12-34	23+50NB	RT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	12-35	348+80X	RT	R5-1	36"x36"	-	-	-	-	-	9.0	-	DO NOT ENTER
	12-37	349+20X	LT	R1-1	36"x36"	-	1	-	-	-	7.5	-	STOP
	12-38	349+20X	LT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	12-42	349+30X	LT	J3-1	24"x57"	-	-	1	-	-	9.5	-	STH 59 EAST
	12-44	352+50X	LT	D9-52	36"x36"	-	1	-	-	-	9.0	-	MONROE AIRPORT ARROW
	12-45	351+30X	RT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY

CONTINUED NEXT PAGE

SIGNS TYPE II REFLECTIVE

CAT	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	12-46	351+30X	LT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	12-47	351+30X	LT	D1-2	60"x30"	-	-	2	-	-	12.5	-	MONROE ARROW -ALBANY ARROW
	12-48	354+90EB	RT	W4-1R	48"x48"	-	-	1	-	-	-	16.0	THRU TRAFFIC MERGE LEFT
	12-49	346+20Z	LT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	12-50	12+10NB	RT	J2-3	72"x57"	-	-	-	2	-	28.5	-	STH 59 EAST-STH 11 EAST-STH 81 EAST
	12-51	14+20NB	RT	R2-1	24"x30"	-	1	-	-	-	5.0	-	SPEED LIMIT 45
	12-52	16+10NB	RT	D1-3	72"x36"	-	-	2	-	-	18.0	-	DUBUQUE-ALBANY ARROW / JANESVILLE ARROW
	12-53	14+10NB	RT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	12-54	26+90SB	LT	R5-1A	42"x30"	-	-	-	-	-	8.8	-	WRONG WAY
	12-55	27+00SB	LT	D1-3	72"x36"	-	-	2	-	-	18.0	-	JANESVILLE, MONROE ARROW / DUBUQUE ARROW
	12-56	29+90SB	LT	R2-1	24"x30"	-	1	-	-	-	5.0	-	SPEED LIMIT 45
	12-57	33+00SB	LT	JH-1	72"x57"	-	-	-	-	-	28.5	-	STH 59 END-STH 11 WEST-STH 81 WEST
	12-58	351+30X	RT	D1-1	54"X15"	-	2	-	-	-	5.6		6TH STREET ARROW
	13-04	357+00X	LT	W3-1	36"x36"	-	1	-	2	-	9.0	-	STOP AHEAD
	13-05	362+70X	RT	E5-1	60"x48"	-	-	-	2	-	20.0	-	EXIT
	13-06	370+20WB	RT	R3-4-B	36"x48"	-	1	-	-	-	12.0	-	NO U-TURN
	13-07	369+80EB	LT	R3-4-B	36"x48"	-	1	-	-	-	12.0	-	NO U-TURN
	14-04	379+00EB	RT	J4-2	72"x54"	-	-	-	2	-	27.0	-	STH 11 EAST-STH 81 EAST
	14-07	379+50EB	RT	R2-1	36"x48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55
	15-02	391+50WB	LT	W12-2	48"x48"	-	-	-	1	-	-	16.0	16'-2" LOW CLEARANCE
	15-03	391+50WB	LT	W57-52	48"x36"	-	-	-	-	-	-	12.0	1/2 MILE AHEAD
	15-04	391+50WB	RT	W12-2	48"x48"	-	-	-	1	-	-	16.0	16'-2" LOW CLEARANCE
	15-05	391+50WB	RT	W57-52	48"x36"	-	-	-	-	-	-	12.0	1/2 MILE AHEAD
	15-06	389+00EB	RT	R2-1	36"X48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55 MPH
	16-03	412+50EB	RT	J1-1	36"x57"	-	-	1	-	-	14.3	-	JCT COUNTY KK
	16-04	412+50EB	LT	J1-1	36"x57"	-	-	1	-	-	14.3	-	JCT COUNTY KK
	16-05	403+00EB	RT	W6-53	144"x48"	-	-	-	3	-	48.0	-	CROSS TRAFFIC NEXT 4 MILES
	17-01	416+00EB	LT	D1-1	96"x15"	-	2	-	-	-	10.0	-	STAUFFACHER RD ARROW
	17-03	420+00WB	LT	R2-1	36"x48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55
	17-04	420+00EB	LT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	17-05	422+00WB	LT	J4-2	72"x54"	-	-	-	2	-	27.0	-	STH 11 WEST-STH 81 WEST
	17-06	421+80EB	RT	J13-1	36"x66"	-	-	1	-	-	16.5	-	COUNTY KK ARROW
	17-07	422+50EB	LT	R5-1	36"x36"	-	1	-	-	-	9.0	-	DO NOT ENTER
	17-08	422+80EB	LT	R4-7	36"x48"	-	1	-	-	-	12.0	-	KEEP RIGHT
	17-11	762+20	RT	R6-1-R	36"x12"	-	1	-	-	-	3.0	-	ONE WAY
	17-12	762+20	RT	R1-1	36"x36"	-	-	-	-	-	7.5	-	STOP
	17-13	762+20	RT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	17-14	762+20	RT	R6-1-L	36"x12"	-	-	-	-	-	3.0	-	ONE WAY
	17-15	770+60	LT	R6-1-R	36"x12"	-	-	1	-	-	3.0	-	ONE WAY
	17-16	770+60	LT	R1-1	36"x36"	-	-	-	-	-	7.5	-	STOP

CONTINUED NEXT PAGE

SIGNS TYPE II REFLECTIVE

CAT	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
0010	17-17	770+60	LT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	17-18	770+60	LT	R6-1-L	36"x12"	-	-	-	-	-	3.0	-	ONE WAY
	17-19	762+20	RT	J13-2	48"x45"	-	-	1	-	-	15.0	-	STH 11-STH 81-ARROWS
	17-20	423+70EB	LT	R4-7	36"x48"	-	1	-	-	-	12.0	-	KEEP RIGHT
	17-21	423+90EB	RT	R1-2	48"x42"	-	1	-	-	-	14.0	-	YIELD
	17-22	424+90WB	RT	R5-1	36"x36"	-	1	-	-	-	9.0	-	DO NOT ENTER
	17-23	425+20WB	LT	J13-1	36"x66"	-	-	1	-	-	16.5	-	COUNTY KK
	17-24	427+40WB	RT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	17-25	429+20	RT	R59-51	48"x48"	-	1	-	-	-	16.0	-	STOP SCHOOL BUS FLASHING RED LIGHTS
	18-01	430+90WB	LT	D1-1	96"x15"	-	2	-	-	-	10.0	-	STAUFFACHER RD ARROW
	18-02	432+00EB	RT	J4-2	72"x54"	-	-	-	2	-	27.0	-	STH 11 EAST-STH 81 EAST
	18-03	434+30WB	LT	J1-1	36"x66"	-	-	1	-	-	16.5	-	JCT COUNTY K
	18-04	434+30WB	RT	J1-1	36"x66"	-	-	1	-	-	16.5	-	JCT COUNTY K
	18-05	434+00EB	RT	R2-1	36"x48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55
	19-01	450+30EB	RT	D1-61	66"x24"	-	2	-	-	-	11.0	-	RICHLAND RD-ARROWS
	19-02	456+00EB	LT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	19-03	458+00EB	LT	R5-1	36"x36"	-	1	-	-	-	9.0	-	DO NOT ENTER
	19-04	458+50EB	LT	R4-7	36"x48"	-	1	-	-	-	12.0	-	KEEP RIGHT
	19-05	458+90WB	LT	R6-1-L	36"x12"	-	-	-	-	-	3.0	-	ONE WAY
	19-06	458+90WB	LT	R6-1-R	36"x12"	-	-	1	-	-	3.0	-	ONE WAY
	19-07	458+90WB	LT	R1-1	36"x36"	-	-	-	-	-	7.5	-	STOP
	19-08	458+90WB	LT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	20-01	459+30EB	RT	R6-1-R	36"x12"	-	-	1	-	-	3.0	-	ONE WAY
	20-02	459+30EB	RT	R1-1	36"x36"	-	-	-	-	-	7.5	-	STOP
	20-03	459+30EB	RT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	20-04	459+30EB	RT	R6-1-L	36"x12"	-	-	-	-	-	3.0	-	ONE WAY
	20-05	459+30WB	RT	R4-7	36"x48"	-	-	1	-	-	12.0	-	KEEP RIGHT
	20-06	460+10WB	RT	R5-1	36"x36"	-	1	-	-	-	9.0	-	DO NOT ENTER
	20-07	462+00WB	RT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	20-08	466+40WB	LT	D1-61	66"x24"	-	2	-	-	-	11.0	-	RICHLAND RD-ARROWS
	20-09	471+80WB	LT	R6-1-R	36"x12"	-	-	1	-	-	3.0	-	ONE WAY
	20-10	471+80WB	LT	R1-1	36"x36"	-	-	-	-	-	7.5	-	STOP
	20-11	471+80WB	RT	R6-3	30"x24"	-	-	-	-	-	5.0	-	DIVIDED HIGHWAY
	20-12	471+90EB	RT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
	20-13	472+30EB	LT	R4-7	36"x48"	-	1	-	-	-	12.0	-	KEEP RIGHT
	20-15	473+30WB	LT	R5-1	36"x36"	-	1	-	-	-	9.0	-	DO NOT ENTER
	21-01	475+30WB	LT	R5-1A	42"x30"	-	1	-	-	-	8.8	-	WRONG WAY
	21-03	475+90EB	RT	R2-1	36"x48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55
	22-01	490+60WB	LT	R2-1	36"x48"	-	-	1	-	-	12.0	-	SPEED LIMIT 55
	22-03	493+70EB	RT	R6-2-L	24"x30"	-	1	-	-	-	5.0	-	ONE WAY
TOTAL 0010						**16**	**100**	**91**	**52**	**11**	**3,033.3**	**573**	

SIGNS TYPE I

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN)	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS LB	636.0100 SIGN SUPPORTS CONCRETE MASONRY CY	636.0500 SIGN SUPPORTS STEEL REINFORCEMENT LB	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.1230 SIGNS TYPE I REFLECTIVE F SF	SIGN MESSAGE
0010	0-1	163+30WB	RT	E9-1	132"x54"	-	-	-	50	-	MONROE NEXT 4 EXITS
	0-2	176+30EB	RT	E1-1A	240"x150"	-	-	-	250	-	N BUS STH 11 / 6TH AVE WEST / EXIT 1/2 MILE
	1+02	184+34EB	RT	E4-1A	276"x120"	-	-	-	230	-	N BUS STH 11 / 6TH AVE WEST ARROW
	2+01	195+32EB	RT	E1-1A	192"x156"	-	-	-	212	-	STH 69 SOUTH, STH 81 WEST/ FREEPORT/EXIT 1/2 MILE
	2+03	202+35WB	RT	W19-1	180"x102"	-	-	-	-	128	FREEWAY ENDS 1/2 MILE
	2+04	202+35WB	LT	W19-1	180"x102"	-	-	-	-	128	FREEWAY ENDS 1/2 MILE
	3+04	214+00WB	LT	E6-1/E11-1D	192"x120"	-	-	-	160	-	CTH N - 6TH AVE WEST / EXIT ONLY AROW
	4+01	224+32EB	RT	E6-1/E11-1D	168"x156"	-	-	-	182	-	STH 69 SOUTH, STH 81 WEST/ FREEPORT/EXIT ONLY ARROW
	5+03	238+80WB	LT	E1-1A	240"x150"	1,058	2	98	250	-	N BUS STH 11 / 6TH AVE WEST / EXIT 1/2 MILE
	5+06	240+40EB	RT	E1-1A	168"x126"	-	-	-	147	-	STH 69 NORTH / VERONA / EXIT 3/4 MILE
	5+51	248+59EB	RT	E10-62	144"x54"	396	1	68	54	-	HOSPITAL NEXT RIGHT
	6+05	262+10M	RT	E9-1	120"x54"	564	1	68	45	-	18TH AVE / NEXT RIGHT
	6+06	262+30WB	LT	E6-1/E11-1D	168"x180"	-	-	-	210	-	STH 69 SOUTH, STH 81 WEST / ARGYLE-FREEPORT / EXIT ONLY ARROW
	7+05	274+30EB	RT	E6-1/E11-1D	168"x126"	-	-	-	147	-	STH 69 NORTH / VERONA / EXIT ONLY ARROW
	8+06	288+50EB	RT	E1-1A	168"x126"	-	-	-	147	-	STH 59 / ALBANY / EXIT 3/4 MILE
	8+47	291+80WB	LT	E1-1A	192"x156"	-	-	-	208	-	STH 69 SOUTH , STH 81 WEST / FREEPORT / EXIT 1/2 MILE
	8+56	283+00WB	LT	E3-1	156"x78"	483	1	68	85	-	BLACKHAWK TECH COLLEGE NEXT EXIT
	9+20	308+00EB	RT	E9-1	120"x54"	502	1	68	45	-	6TH ST NEXT RIGHT
	10+05	313+80WB	LT	E4-1A	216"x120"	704	2	98	180	-	MONTICELLO-NEW GLARUS ARROW
	10+09	319+05EB	RT	E9-1	180"x54"	-	-	-	68	-	MONROE AIRPORT NEXT RIGHT
	10+20	325+70W	LT	E9-1	120"x54"	417	1	68	45	-	18TH AVE / NEXT EXIT
	11+01	326+60EB	RT	E6-1	180"x96"	-	-	-	120	-	STH 59 / ALBANY ARROW
	12+43	351+10WB	LT	E1-1A	180"x156"	-	-	-	195	-	STH 69 NORTH, BUSINESS STH 11 / VERONA / EXIT 3/4 MILE
	14+03	373+00WB	LT	E6-1	180"x96"	-	-	-	120	-	STH 59-MONROE-ALBANY
	14+09	381+00WB	LT	E9-1	120"x54"	472	1	68	45	-	6TH ST NEXT RIGHT
	15+01	389+20WB	LT	E9-1	180"x54"	-	-	-	68	-	MONROE AIRPORT NEXT RIGHT
	15+07	399+00EB	RT	D2-3	192"x84"	640	2	98	112	-	BRODHEAD 12 / BELOIT 29 / JANESVILLE 33
	16+01	404+70WB	LT	E10-62	144"x62"	516	2	98	62	-	HOSPITAL NEXT RIGHT
	16+02	412+90WB	LT	E1-1A	168"x126"	-	-	-	147	-	STH 59 / ALBANY / EXIT 3/4 MILE
	17+02	418+00WB	LT	E9-1	132"x54"	564	1	68	50	-	MONROE / NEXT 4 EXITS
TOTAL 0010						**6,316**	**15**	**868**	**3,632**	**255**	

REMOVING SIGNS

CAT	SIGN NUMBER	STATION	LOCATION	SIGN MESSAGE	638.2601 REMOVING SIGNS TYPE I EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH	REMARKS
0010	R0-1	163+30WB	RT	MONROE NEXT 4 EXITS	1	-	-	-	
	R0-2	176+30EB	RT	MONROE EXIT 1/2 MILE	1	-	-	-	
	R1-1	180+10EB	RT	MONROE POPULATION & ENG. BREAKING	-	1	2	-	
	R1-2	184+30EB	RT	6TH AVE WEST - MONROE	1	-	-	-	REMOVE SIGN ONLY
	R1-3	190+70EB	RT	EXIT ARROW	-	1	2	-	
	R2-1	195+30EB	RT	MONROE FREEPORT EXIT 1/2 MILE	1	-	-	-	
	R2-2	201+20EB	RT	MERGE ARROWS	-	1	1	-	
	R2-3	202+40WB	RT	FREEWAY ENDS 1/2 MILE	1	-	-	2	
	R2-4	202+40WB	LT	FREEWAY ENDS 1/2 MILE	1	-	-	-	
	R2-5	207+40WB	LT	EXIT ARROW	-	1	2	-	
	R3-1	212+60WB	RT	NO U-TURN	-	1	1	-	
	R3-2	213+10EB	LT	NO U-TURN	-	1	1	-	
	R3-3	214+00WB	LT	SPEED LIMIT 55	-	1	1	-	
	R3-4	214+00WB	LT	CTH N - 6TH AVE WEST EXIT ONLY	1	-	-	-	OVERHEAD SIGN
	R3-5	216+50EB	RT	RIGHT LANE EXIT ONLY	-	1	1	-	
	R3-6	220+30WB	LT	RIGHT LANE EXIT ONLY	-	1	2	-	
	R3-7	220+30WB	LT	LAST MONROE EXIT	-	-	-	-	
	R3-8	219+30EB	RT	DRIVERS LICENSING EXIT	1	-	-	-	
	R4-1	224+30EB	RT	MONROE FREEPORT EXIT ONLY	1	-	-	-	OVERHEAD SIGN
	R4-2	224+30EB	RT	SPEED LIMIT 55	-	1	1	-	
	R4-3	231+10L	LT	EXIT ARROW	-	1	2	-	
	R4-4	231+50L	RT	STOP AHEAD	-	1	1	-	
	R4-5	234+10WB	LT	MERGE ARROWS	-	1	1	-	
	R4-6	235+00L	RT	STH 81 WEST-STH 69 SOUTH	-	1	1	-	
	R4-7	236+90L	RT	ARGYLE-FREEPORT-BLACKHAWK COLLEGE	-	1	2	-	
	R5-1	238+00L	LT	WRONG WAY	-	1	1	-	
	R5-3	238+80WB	LT	6TH AVE WEST-MONROE EXIT 1/2 MILE	1	-	-	2	
	R5-4	240+30L	LT	DO NOT ENTER	-	1	1	-	
	R5-6	240+40EB	RT	MONTICELLO-NEW GLARUS EXIT 3/4 MILE	1	-	-	-	
	R5-7	241+10L	RT	DOUBLE ARROW	-	1	1	-	
	R5-8	241+00L	RT	STH 69 SOUTH	-	1	1	-	
	R5-9	241+00L	RT	STOP	-	1	1	-	
	R5-10	241+50L	RT	STOP	-	1	1	-	
	R5-11	241+50L	RT	STOP	-	1	1	-	
	R5-12	241+80L	LT	STOP	-	1	1	-	
	R5-14	167+70BW	LT	DO NOT ENTER	-	1	1	-	
	R5-17	167+80BW	LT	NO RIGHT TURN	-	1	2	-	
	R5-18	167+80BW	LT	STH11 EAST-STH69 NORTH-STH81 EAST	-	-	-	-	
	R5-19	168+00BE	LT	KEEP RIGHT	-	1	1	-	
	R5-20	167+00BE	RT	STH11 EAST-STH69 NORTH-STH81 EAST	-	1	2	-	

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0010	R5-21	242+70M	LT	STH11 WEST-STH 81 WEST	-	1	1	-	
	R5-22	242+90M	LT	STH 11 WEST	-	1	1	-	
	R5-23	171+80BW	LT	NEW GLARUS ARROW	-	1	1	-	
	R5-24	171+80BW	LT	45 MPH	-	-	-	-	
	R5-25	172+80BW	LT	STH11 EAST-STH69 NORTH-STH 81 EAST	-	1	2	-	
	R5-26	173+30BW	LT	STH 69 SOUTH	-	1	1	-	
	R5-27	245+10WB	LT	16'2"	-	1	1	-	
	R5-28	245+10WB	LT	16'2"	-	1	1	-	
	R5-29	174+30BW	LT	DO NOT ENTER	-	1	1	-	
	R5-30	174+30BW	LT	STH 11 WEST	-	-	-	-	
	R5-31	172+60BE	RT	DUBUQUE ARROW	-	1	2	-	
	R5-32	172+60BE	RT	WRONG WAY	-	-	-	-	
	R5-33	173+20BE	RT	DO NOT ENTER	-	1	1	-	
	R5-34	174+00BW	LT	STH 11 WEST	-	1	1	-	
	R5-35	174+00BW	LT	NO LEFT TURN	-	-	-	-	
	R5-36	245+60K	RT	NO RIGHT TURN	-	1	1	-	
	R5-37	245+60K	RT	STOP	-	-	-	-	
	R5-38	245+80K	LT	STOP	-	1	1	-	
	R5-39	246+20K	LT	DOUBLE ARROW	-	1	1	-	
	R5-40	245+80K	LT	STH 81 WEST	-	1	1	-	
	R5-41	246+20K	LT	STOP	-	1	1	-	
	R5-42	246+20K	LT	ONE WAY	-	-	-	-	
	R5-43	246+70K	RT	DO NOT ENTER	-	1	1	-	
	R5-44	245+95EB	LT	ROUGH ROAD/NEXT 2.5 MILES	-	1	1	-	
	R5-45	245+95EB	RT	ROUGH ROAD/NEXT 2.5 MILES	-	1	1	-	
	R5-46	249+70K	LT	WRONG WAY	-	1	1	-	
	R5-47	249+70K	RT	WRONG WAY	-	1	1	-	
	R5-48	173+30BW	RT	KEEP RIGHT	-	1	1	-	
	R5-49	251+30EB	RT	MERGE ARROWS	-	1	1	-	
	R5-55	163+00BE	RT	STH 11 EAST-STH69 NORTH-STH 81 EAST	-	1	2	-	
	R5-56	164+30BE	RT	DUBUQUE-NEW GRARUS-BRODHEAD	-	1	2	-	
	R5-60	176+00BW	LT	STH69 SOUTH / MONROE AHEAD	-	1	2	-	
	R5-61	178+00BW	LT	STH11 EAST, STH69 SOUTH, STH11 WEST	-	1	2	-	
	R5-65	176+00BW	LT	WRONG WAY	-	-	-	-	
	R6-1	253+10K	LT	MONROE-FREEPORT-BLACK HAWK	-	1	2	-	
	R6-2	255+50K	LT	STH 69 SOUTH-STH 81 WEST	-	1	1	-	
	R6-3	254+70K	RT	EXIT ARROW	-	1	2	-	
	R6-4	257+00K	LT	STOP AHEAD	-	1	1	-	
	R6-5	262+10M	RT	18TH AVE-MONROE-NEXT RIGHT	1	-	-	2	
	R6-6	262+30WB	LT	ARGYLE-FREEPORT -EXIT ONLY	1	-	-	-	OVERHEAD

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0010	R6-7	262+30WB	LT	SPEED LIMIT 55	-	1	0	-	OVERHEAD
	R6-8	263+90EB	RT	RIGHT LANE FOR EXIT ONLY	-	1	1	-	
	R7-1	268+40WB	LT	STH 11 WEST-STH 81 WEST	-	1	1	-	
	R7-2	270+00WB	LT	16'2" - 1/2 MILES AHEAD	-	1	1	-	
	R7-3	270+00WB	RT	16'2" - 1/2 MILES AHEAD	-	1	1	-	
	R7-4	272+20WB	LT	RIGHT LANE FOR EXIT ONLY	-	1	1	-	
	R7-5	274+30EB	RT	MONTICELLO-NEW GLARUS-EXIT ONLY	1	-	-	-	OVERHEAD
	R7-6	275+30U	RT	HOSPITAL ARROW	-	1	1	-	
	R7-7	279+20U	RT	STOP AHEAD	-	1	1	-	
	R7-8	280+30U	LT	EXIT ARROW	-	1	2	-	
	R8-1	282+30S	LT	ROUGH ROAD/NEXT 2.5 MILES	-	1	1	-	
	R8-2	282+30WB	LT	MERGE ARROWS	-	1	1	-	
	R8-3	283+70U	RT	STH 69 NORTH	-	1	1	-	
	R8-4	285+50U	RT	MONTICELLO-NEW GLARUS-MONROE	-	1	2	-	
	R8-5	286+00U	LT	WRONG WAY	-	1	1	-	
	R8-6	288+50EB	RT	MONROE-ALBANY-EXIT 3/4 MILE	1	-	-	-	
	R8-7	507+00SB	LT	STH 11 WEST-STH 69 SOUTH-STH 81 WEST	-	1	2	-	
	R8-8	506+50SB	LT	BRODHEAD-MONROE-DUBUQUE	-	1	2	-	
	R8-9	505+80SB	LT	STH 11 WEST-STH 69 SOUTH-STH 81 WEST	-	1	2	-	
	R8-10	505+80SB	LT	DO NOT ENTER	-	-	-	-	
	R8-11	506+50SB	LT	WRONG WAY	-	-	-	-	
	R8-12	504+50SB	LT	ONE WAY	-	1	1	-	
	R8-13	504+30SB	LT	STH 11 BUSINESS	-	1	1	-	
	R8-14	503+20SB	LT	STH 11 EAST-STH 81 EAST	-	1	1	-	
	R8-15	504+80SB	RT	STH 11 WEST-STH 69 SOUTH-STH 81 WEST	-	1	2	-	
	R8-16	504+80SB	RT	STH 11 BUSINESS	-	-	-	-	
	R8-17	504+80SB	RT	NO LEFT TURN	-	-	-	-	
	R8-18	289+05U	LT	DO NOT ENTER	-	1	1	-	
	R8-19	500+20SB	LT	DO NOT ENTER	-	-	-	-	
	R8-20	503+90SB	RT	KEEP RIGHT	-	1	1	-	
	R8-21	289+70U	RT	STOP	-	1	1	-	
	R8-22	289+70U	RT	HOSPITAL	-	1	1	-	
	R8-23	289+70U	RT	HOSPITAL ARROW	-	-	-	-	
	R8-24	289+80U	LT	STOP	-	1	1	-	
	R8-25	289+80U	LT	DIVIDED HIGHWAY	-	-	-	-	
	R8-26	289+80U	RT	STOP	-	1	1	-	
	R8-27	289+80U	RT	DIVIDED HIGHWAY	-	-	-	-	
	R8-29	500+20SB	LT	NO RIGHT TURN	-	1	1	-	
	R8-30	502+00SB	RT	BRODHEAD - ARROW	-	1	2	-	
	R8-31	289+70T	LT	STOP	-	1	1	-	

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0010	R8-32	289+70T	LT	DIVIDED HIGHWAY	-	-	-	-	
	R8-33	289+80T	LT	STOP	-	1	1	-	
	R8-34	289+80T	RT	STOP	-	1	1	-	
	R8-35	289+80T	LT	STH 69 NORTH	-	1	1	-	
	R8-36	432+20NB	RT	NO RIGHT TURN	-	-	-	-	
	R8-37	502+00SB	RT	ARGYLE - ARROW	-	1	1	-	
	R8-38	500+20SB	RT	KEEP RIGHT	-	1	1	-	
	R8-39	429+80NB	RT	WRONG WAY	-	1	1	-	
	R8-40	429+80NB	RT	SPEED LIMIT 45	-	-	-	-	
	R8-41	290+50T	RT	DO NOT ENTER	-	1	1	-	
	R8-42	499+30SB	RT	STH 11 EAST-STH 81 EAST	-	1	1	-	
	R8-43	499+30SB	RT	NO LEFT TURN	-	1	-	-	
	R8-44	428+80NB	RT	STH 11 WEST-STH 69 SOUTH-STH 81 WEST	-	1	2	-	
	R8-45	427+80NB	RT	ONE WAY	-	1	1	-	
	R8-46	427+80NB	RT	STH 69 NORTH	-	1	1	-	
	R8-47	291+80WB	LT	ARGYLE-FREEPORT-EXIT 1/2 MILE	1	-	-	-	
	R8-48	426+80NB	RT	STH 11 EAST-STH 81 EAST	-	1	1	-	
	R8-49	425+30NB	RT	STH69 NORTH-STH11 EAST-STH 81 EAST	-	1	2	-	
	R8-50	292+70EB	RT	MERGE	-	1	1	-	
	R8-51	293+10T	LT	WRONG WAY	-	1	1	-	
	R8-52	293+10T	RT	WRONG WAY	-	1	1	-	
	R8-53	295+25T	LT	MONROE ARROW/MONTECELLO NEW GLARUS AI	-	1	2	-	
	R9-1	301+50T	LT	STOP AHEAD	-	1	1	-	
	R9-2	298+20V	RT	ROUGH ROAD	-	1	1	-	
	R9-3	298+20V	RT	NEXT 1 1/2 MILES	-	-	-	-	
	R9-4	299+10T	LT	STH 69 ARROW	-	1	1	-	
	R9-5	302+90T	RT	EXIT ARROW	-	1	2	-	
	R9-6	302+30EB	LT	RECREATIONAL TRAIL CROSSING	-	1	1	-	
	R9-7	302+30EB	LT	AHEAD	-	-	-	-	
	R9-8	302+30EB	RT	RECREATIONAL TRAIL CROSSING	-	1	1	-	
	R9-9	302+30EB	RT	AHEAD	-	-	-	-	
	R9-10	306+30EB	LT	15'7"	-	1	1	-	
	R9-11	306+30 EB	LT	1/2 MILE AHEAD	-	-	-	-	
	R9-12	306+30EB	RT	15'7"	-	1	1	-	
	R9-13	306+30EB	RT	1/2 MILE AHEAD	-	-	-	-	
	R9-14	307+80EB	RT	SPEED LIMIT 55	-	1	1	-	
	R9-15	309+80T	LT	STH 11 BUSINESS	-	1	1	-	
	R9-16	311+20EB	LT	RECREATIONAL TRAIL XING	-	1	1	-	
	R9-17	311+20EB	LT	ARROW	-	-	-	-	
	R9-18	311+20EB	RT	RECREATIONAL TRAIL XING	-	1	1	-	

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0010	R9-19	311+20EB	RT	ARROW	-	-	-	-	
	R10-1	312+30WB	LT	RECREATIONAL TRAIL XING	-	1	1	-	
	R10-2	312+30WB	LT	ARROW	-	-	-	-	
	R10-3	312+30WB	RT	RECREATIONAL TRAIL XING	-	1	1	-	
	R10-4	312+30WB	RT	ARROW	-	-	-	-	
	R10-5	313+80WB	LT	MONTICELLO-NEW GLARUS ARROW	1	-	-	2	
	R10-7	317+30EB	RT	STH 11 EAST-STH 81 EAST	-	1	2	-	
	R10-8	319+90WB	LT	SPEED LIMIT 55	-	1	1	-	
	R10-9	319+10EB	RT	MONROE AIRPORT NEXT RIGHT	1	-	-	-	
	R10-14	323+30WB	LT	RECREATIONAL TRAIL XING	-	1	1	-	
	R10-15	323+30WB	LT	ARROW	-	-	-	-	
	R10-16	323+30WB	RT	RECREATIONAL TRAIL XING	-	1	1	-	
	R10-17	323+30WB	RT	ARROW	-	-	-	-	
	R10-18	323+70WB	RT	NO U-TURN	-	1	1	-	
	R10-19	323+30EB	LT	NO U-TURN	-	1	1	-	
	R10-20	325+70W	LT	18TH AVE-MONROE-NEXT EXIT	1	-	-	2	
	R11-1	326+60EB	RT	STH 59-MONROE-ALBANY ARROW	1	-	-	-	
	R11-2	326+60EB	RT	GREEN COUNTY JUSTICE CENTER	-	1	-	-	
	R11-3	330+20WB	LT	STH 11 WEST-STH 81 WEST	-	1	2	-	
	R11-4	336+80Y	RT	EXIT ARROW	-	1	2	-	
	R11-5	337+60Y	RT	STOP AHEAD	-	1	1	-	
	R11-6	339+80W	LT	ROUGH ROAD	-	1	1	-	
	R11-7	339+80W	LT	NEXT 1 1/2 MILES	-	-	-	-	
	R11-8	340+00WB	LT	MERGE	-	1	1	-	
	R11-9	340+10Y	RT	STH 59 EAST	-	1	1	-	
	R12-1	341+90Y	RT	ALBANY-MONROE	-	1	2	-	
	R12-2	341+90Y	RT	WRONG WAY	-	-	-	-	
	R12-3	341+90Y	LT	WRONG WAY	-	1	1	-	
	R12-4	343+00Y	LT	MONROE AIRPORT	-	1	1	-	
	R12-5	345+60Y	RT	STOP	-	1	1	-	
	R12-6	345+70Y	RT	STOP	-	1	1	-	
	R12-7	345+70Y	RT	DIVIDED HIGHWAY	-	-	-	-	
	R12-8	345+70	LT	STOP	-	1	1	-	
	R12-9	18+00SB	LT	DO NOT ENTER	-	1	1	-	
	R12-10	18+30SB	LT	DO NOT ENTER	-	1	1	-	
	R12-11	18+30SB	LT	NO RIGHT TURN	-	-	-	-	
	R12-12	17+50NB	LT	NO LEFT TURN	-	1	1	-	
	R12-13	17+50NB	LT	STH 11 EAST-STH 81 EAST	-	-	-	-	
	R12-14	345+80EB	LT	15'7"	-	1	1	-	
	R12-15	345+80EB	RT	15'7"	-	1	1	-	

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0010	R12-16	16+40NB	RT	DUBUQUE-ALBANY-BRODHEAD/WRONG WY	-	1	2	-	
	R12-17	18+40NB	LT	KEEP RIGHT	-	1	1	-	
	R12-18	17+70NB	RT	STH 11 EAST-STH 81 EAST	-	1	1	-	
	R12-19	17+70NB	RT	DO NOT ENTER	-	-	-	-	
	R12-20	18+30NB	RT	STH 59 EAST	-	1	1	-	
	R12-21	22+30SB	LT	STH 11 EAST-STH 81 EAST	-	1	1	-	
	R12-22	19+60NB	RT	STH 11 WEST-STH 81 WEST-STH 59 EAST	-	1	2	-	
	R12-23	347+90W	RT	ONE WAY	-	1	1	-	
	R12-24	24+50SB	RT	DO NOT ENTER	-	1	2	-	
	R12-25	24+50SB	RT	STH 11 WEST-STH 81 WEST	-	-	-	-	
	R12-26	23+40SB	RT	KEEP RIGHT	-	1	1	-	
	R12-27	348+40WB	LT	15'9"	-	1	1	-	
	R12-28	348+40WB	RT	15'9"	-	1	1	-	
	R12-29	24+30SB	RT	STH 11 WEST-STH 81 WEST	-	1	1	-	
	R12-30	24+30SB	RT	NO RIGHT TURN	-	-	-	-	
	R12-31	22+80NB	RT	DUBUQUE	-	1	2	-	
	R12-32	22+80NB	RT	WRONG WAY	-	-	-	-	
	R12-33	23+20NB	RT	NO RIGHT TURN	-	1	1	-	
	R12-34	23+20NB	RT	DO NOT ENTER	-	-	-	-	
	R12-35	24+00NB	RT	DO NOT ENTER	-	1	1	-	
	R12-36	348+90X	RT	STOP	-	1	1	-	
	R12-37	348+90X	LT	STOP	-	1	1	-	
	R12-38	348+90X	LT	DIVIDED HIGHWAY	-	-	-	-	
	R12-39	349+00X	LT	STOP	-	1	1	-	
	R12-40	25+10NB	RT	STH 59 EAST	-	1	1	-	
	R12-41	26+00NB	RT	ALBANY	-	1	2	-	
	R12-42	350+00X	LT	STH 59 EAST/HOSPITAL	-	1	1	-	
	R12-43	351+20WB	LT	69 NORTH-MONTICELLO-NEW GLARUS	1	-	-	-	
	R12-44	351+10X	LT	MONROE AIRPORT	-	1	1	-	
	R12-45	353+30X	RT	WRONG WAY	-	1	1	-	
	R12-46	353+30X	LT	WRONG WAY	-	1	2	-	
	R12-47	353+30X	LT	MONROE-ALBANY	-	-	-	-	
	R12-48	354+90EB	RT	MERGE	-	1	1	-	
	R12-49	346+20Z	LT	ONE WAY	-	1	1	-	
	R12-50	12+10NB	RT	STH 59 EAST-STH 11 EAST-STH 81 EAST	-	1	2	-	
	R12-51	14+10NB	RT	SPEED LIMIT 45	-	1	1	-	
	R12-52	16+10NB	RT	DUBUQUE-ALBANY-BRODHEAD	-	1	2	-	
	R12-53	16+10NB	RT	WONG WAY	-	-	-	-	
	R12-54	27+00SB	LT	WRONG WAY	-	1	-	-	
	R12-55	27+00SB	LT	BRODHEAD-MONROE-DUBUQUE	-	1	2	-	

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0010	R12-56	29+90SB	LT	SPEED LIMIT 45	-	1	1	-	
	R12-57	33+00SB	LT	STH 59 END-STH 11 WEST-STH 81 WEST	-	1	2	-	
	R13-1	356+40X	LT	STH 59 EAST	-	1	1	-	
	R13-2	356+60Z	RT	ROUGH ROAD	-	1	1	-	
	R13-3	356+60Z	RT	NEXT 1/4 MILES	-	-	-	-	
	R13-4	359+70X	LT	STOP AHEAD	-	1	1	-	
	R13-5	362+60X	RT	EXIT	-	1	2	-	
	R13-6	370+20WB	RT	NO U-TURN	-	1	1	-	
	R13-7	369+80EB	LT	NO U-TURN	-	1	1	-	
	R14-1	373+00WB	LT	HOSPITAL	-	1	-	-	
	R14-2	373+00WB	LT	GREEN COUNTY JUSTICE CENTER	-	-	-	-	
	R14-3	373+00WB	LT	STH 59-MONROE-ALBANY	1	-	-	-	
	R14-4	375+30EB	RT	STH 11 EAST-STH 81 EAST	-	1	2	-	
	R14-5	378+50WB	LT	ROUGH ROAD/NEXT 2 1/4 MILES	-	1	1	-	
	R14-6	378+50WB	LT	ROUGH ROAD/NEXT 2 1/4 MILES	-	1	1	-	
	R14-7	379+50EB	RT	SPEED LIMIT 55	-	1	1	-	
	R14-8	383+30	RT	BRODHEAD 14-BELOIT 31	-	1	2	-	
	R15-1	389+20	LT	MONROE AIRPORT NEXT RIGHT	1	-	-	-	
	R16-2	412+90WB	LT	STH 59-MONROE-ALBANY	1	-	-	-	
	R16-3	412+50EB	LT	JCT COUNTY KK	-	1	1	-	
	R17-1	416+00EB	RT	STAUFFACHER RD	-	1	2	-	
	R17-3	420+00WB	LT	SPEED LIMIT 55	-	1	1	-	
	R17-4	420+00EB	LT	WRONG WAY	-	1	1	-	
	R17-5	422+00WB	LT	STH 11 WEST-STH 81 WEST	-	1	1	-	
	R17-6	421+80EB	RT	COUNTY KK /ARROW	-	1	1	-	
	R17-7	422+50EB	LT	DO NOT ENTER	-	1	1	-	
	R17-8	422+80EB	LT	KEEP RIGHT	-	1	1	-	
	R17-9	423+60EB	LT	ONE WAY	-	1	1	-	
	R17-10	760+60	RT	STH 11-STH 81	-	1	2	-	
	R17-11	762+20	RT	ONE WAY	-	1	1	-	
	R17-12	762+20	RT	STOP	-	-	-	-	
	R17-13	762+20	RT	DIVIDED HIGHWAY	-	-	-	-	
	R17-15	770+60	LT	ONE WAY	-	1	1	-	
	R17-16	770+60	LT	STOP	-	-	-	-	
	R17-17	770+60	LT	DIVIDED HIGHWAY	-	-	-	-	
	R17-19	762+20	RT	STH 11 EAST-STH 81 EAST	-	1	1	-	
	R17-20	423+70EB	LT	KEEP RIGHT	-	1	1	-	
	R17-21	423+90EB	RT	YIELD	-	1	1	-	
	R17-22	424+90WB	RT	DO NOT ENTER	-	1	1	-	
	R17-23	425+20WB	LT	COUNTY KK	-	1	1	-	

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REMOVING SIGNS

CAT	SIGN NUMBER	STATION	LOCATION	SIGN MESSAGE	638.2601 REMOVING SIGNS TYPE I EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH	REMARKS
0010	R17-24	427+40WB	RT	WRONG WAY	-	1	1	-	
	R17-25	429+20EB	RT	STOP SCHOOL BUS FLASHING RE LIGHTS	-	1	1	-	
	R18-1	430+90WB	LT	STAUFFACHER RD	-	1	2	-	
	R18-3	434+30WB	LT	JCT COUNTY K	-	1	1	-	
	R18-6	436+70WB	LT	MONROE EXITS-HWY 59-18TH AVE-HWY 69 S	1	-	-	2	
	R19-1	450+30EB	RT	RICHLAND RD	-	1	2	-	
	R19-2	453+80EB	LT	WRONG WAY	-	1	1	-	
	R19-3	457+80EB	LT	DO NOT ENTER	-	1	1	-	
	R19-4	458+50EB	LT	KEEP RIGHT	-	1	1	-	
	R19-5	458+90WB	LT	ONE WAY	-	-	-	-	
	R19-6	458+90WB	LT	ONE WAY	-	-	-	-	
	R19-7	458+90WB	LT	STOP	-	1	1	-	
	R19-8	458+90WB	LT	DIVIDED HIGHWAY	-	-	-	-	
	R20-1	459+30EB	RT	ONE WAY	-	-	-	-	
	R20-2	459+30EB	RT	STOP	-	1	1	-	
	R20-3	459+30EB	RT	DIVIDED HIGHWAY	-	-	-	-	
	R20-4	459+30EB	RT	ONE WAY	-	-	-	-	
	R20-5	459+50WB	RT	KEEP RIGHT	-	1	1	-	
	R20-6	460+20WB	RT	DO NOT ENTER	-	1	1	-	
	R20-7	463+10WB	RT	WRONG WAY	-	1	1	-	
	R20-8	466+40WB	LT	RICHLAND RD	-	1	1	-	
	R20-10	471+80WB	LT	STOP	-	1	1	-	
	R20-9	471+80WB	LT	ONE WAY	-	-	-	-	
	R20-11	471+80WB	LT	DIVIDED HIGHWAY	-	-	-	-	
	R20-12	471+90EB	RT	ONE WAY	-	1	1	-	
	R20-13	472+20EB	LT	KEEP RIGHT	-	1	1	-	
	R20-14	472+80EB	RT	STH 11 EAST-STH 81 EAST	-	1	1	-	
	R21-2	475+90EB	RT	SPEED LIMIT 55	-	1	1	-	
	R21-3	475+90EB	LT	SPEED LIMIT 55	-	1	1	-	
	R22-1	490+60WB	LT	SPEED LIMIT 55	-	1	1	-	
	R22-2	490+60WB	RT	SPEED LIMIT 55	-	1	1	-	
	R22-3	493+70EB	RT	ONE WAY	-	1	1	-	
	R22-4	499+30EB	LT	WISCONSIN ROADS EMERGENCY CELLULAR 9:	-	1	2	-	
	R22-5	499+30EB	LT	WISCONSIN ROADS EMERGENCY CELLULAR 9:	-	-	-	-	
TOTAL 0010					**25**	**230**	**274**	**12**	

TRAFFIC CONTROL

CATEGORY	LOCATION	643.0300 TRAFFIC CONTROL DRUMS DAY	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	* 643.0900 TRAFFIC CONTROL SIGNS DAY	** 643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	*** 643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.5000 TRAFFIC CONTROL EACH	REMARKS
0010	PREWARNING	-	-	-	-	-	-	-	-	-	-	168	1	
	STAGE 1	22,776	1,080	-	-	2,160	3,432	240	3,096	-	-	-	-	
	WINTER SHUTDOWN	-	-	150	150	-	-	-	-	-	-	-	-	
	STAGE 2	25,218	4,266	910	910	4,104	4,320	108	18,360	1	28	-	-	
	STAGE 3	24,339	3,933	813	813	4,218	7,239	114	19,038	-	9	-	-	
	STAGE 4	6,040	370	-	-	760	420	40	960	-	-	-	-	
	TOTAL 0010	**78,373**	**9,649**	**1,873**	**1,873**	**11,242**	**15,411**	**502**	**41,454**	**1**	**37**	**168**	**1**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE
** ONE CYCLE REQUIRED FOR TRAFFIC CONTROL COVERING SIGNS TYPE I
*** SEE TRAFFIC CONTROL COVERTING SIGNS TYPE II TABLE

643.0920

TRAFFIC CONTROL COVERING SIGNS TYPE II

STAGE	EACH	NUMBER OF CYCLES	NUMBER OF SIGNS
2A	16	1	16
2B	12	1	12
3B	9	1	9
TOTAL	**37**	**3**	**37**

TRAFFIC CONTROL DETOUR

CATEGORY	STAGE	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	* 643.0900 TRAFFIC CONTROL SIGNS DAY	REMARKS
0010	2AB	54	108	18,252	
	3A	-	-	3,477	
	3AB	285	342	17,499	
	TOTAL 0010	**339**	**450**	**39,228**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

GEOGRID TYPE SR

CATEGORY	STATION	TO	STATION	LOCATION	645.0220 SY	REMARKS
0010	209+34		497+69	EB MAINLINE	128,157	
	211+48		226+34	EB AUX LANE	1,980	
	262+14		275+23	EB AUX LANE	1,745	
	226+34		241+92	RAMP L	4,675	
	241+98		262+14	RAMP M	6,049	
	275+23		290+19	RAMP U	4,488	
	291+34		311+85	RAMP V	6,153	
	331+68		345+80	RAMP Y	4,238	
	345+49		373+17	RAMP Z	8,304	
	416+81		421+81	Turn Lane RT	473	
	418+00		422+50	Turn Lane LT	501	
	453+64		458+10	Turn Lane RT	417	
	453+70		458+14	Turn Lane Lt	500	
	421+80		430+79	CTH KK RT TURN	2,796	
	STAGE 2 TOTAL:				170,476	
0010	259+16	WB	501+67	WB MAINLINE	107,782	
	259+38	WB	272+57	AUX LANE	1,758	
	225+10	J	245+77	RAMP	6,200	
	245+34	K	259+38	RAMP	4,213	
	272+57	S	290+26	RAMP	5,308	
	289+34	T	311+03	RAMP	6,508	
	323+64	W	348+52	RAMP	7,464	
	348+54	X	371+81	RAMP	6,983	
	424+80		429+77	Turn Lane RT	568	
	425+10		429+56	Turn Lane LT	404	
	460+05		464+56	Turn Lane RT	499	
	460+10		464+55	Turn Lane Lt	426	
	473+00		476+48	Turn Lane LT	329	
	STAGE 3 TOTAL:				148,442	
				TOTAL 0010	**318,918**	

3

PAVEMENT MARKING

CATEGORY	STATION TO STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH (WHITE) LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW) LF	646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (WHITE) LF	646.3020 MARKING LINE EPOXY 8-INCH (WHITE) LF	646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH (WHITE) LF	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.7220 MARKING CHEVRON EPOXY 24-INCH LF	646.8120 MARKING CURB EPOXY (YELLOW) LF	REMARKS
0010	209+34.09 - 497+69.44	EB Lanes	-	25,995	28,245	7,210	-	1,200	-	-	-	
	226+33.55 - 240+77.80	Ramp L	-	1,400	1,120	-	-	940	-	135	-	
	241+97.76 - 262+14.08	Ramp M	-	1,830	1,095	-	-	1,420	-	-	-	
	275+22.54 - 289+03.60	Ramp U	-	1,280	900	-	-	770	-	160	-	
	292+37.70 - 311+84.56	Ramp V	-	1,115	615	-	-	960	-	-	-	
	331+67.80 - 345+92.44	Ramp Y	-	1,170	1,010	-	-	660	60	150	-	
	345+49.24 - 373+17.09	Ramp Z	-	1,855	1,365	-	-	905	-	-	-	
	15+96.50NB - 26+11.04NB	STH 59	1,645	-	-	-	-	-	-	-	920	
	164+50BE - 176+04.28BE	STH 81	2,215	-	-	-	355	-	-	-	1,955	
	760+23.43 - 762+66.35	CTH KK	-	-	-	-	-	1,435	-	-	-	
	780+83.21 - 782+33.54	Richland Rd	-	-	-	-	-	600	-	-	-	
		Hiltbrand Ln	-	-	-	-	-	200	-	-	-	
		STAGE 2 TOTAL:	3,860	34,645	34,350	7,210	355	9,090	60	445	2,875	
	259+16.22 - 501+67.14	WB Lanes	-	22,335	23,635	6,080	-	405	-	-	-	
	225+10.02 - 245+76.59	Ramp J	-	2,000	1,410	-	-	940	-	-	-	
	245+33.79 - 259+38.23	Ramp K	-	1,250	925	-	-	1,135	70	155	-	
	272+56.59 - 288+53.80	RampS	-	1,350	815	-	-	980	-	-	-	
	289+34.11 - 311+03.33	Ramps T	-	1,540	1,225	-	-	620	-	150	-	
	323+64.00 - 348+52.16	Ramp W	-	1,595	1,130	360	-	1,010	-	-	-	
	348+53.73 - 371+81.41	Ramp X	-	1,675	1,460	-	-	755	60	145	-	
	770+00 - 771+79.40	Stauffacher Rd	-	-	-	-	-	650	-	-	-	
	783+00 - 784+34.72	Richland Rd	-	-	-	-	-	600	-	-	-	
	792+00 - 793+59.06	Hiltbrand Ln	-	-	-	-	-	200	-	-	-	
		STAGE 3 TOTAL:	0	31,745	30,600	6,440	0	7,295	130	450	0	
		TOTAL 0010	**3,860**	**66,390**	**64,950**	**13,650**	**355**	**16,385**	**190**	**895**	**2,875**	
		PROJECT TOTAL	**3,860**	**131,340**		**13,650**	**355**	**16,385**	**190**	**895**	**2,875**	

MARKING REMOVAL LINE 4-INCH

CATEGORY	STATION TO STATION	LOCATION	646.9000 LF	REMARKS
0010	392+00 - 399+00	STH 11 WB CENTERLINE	175	1A/9
	482+00 - 489+00	STH 11 EB CENTERLINE	175	1A/12
	520+00 - 527+00	STH 11 WB CENTERLINE	175	1A/13
	266+50 - 269+50	STH 11 WB MEDIAN	300	2A/5
	520+00 - 527+00	STH 11 WB CENTERLINE	175	2A/13
	303+00 - 307+00	STH 11 WB MEDIAN	400	2B/6
	310+50 - 315+00	STH 11 EB MEDIAN	450	2B/6
	367+50 - 368+50	STH 11 EB CENTERLINE	25	2B/8
	368+25 - 369+25	STH 11 EB MEDIAN	100	2B/8
	373+50 - 381+50	STH 11 WB MEDIAN	800	2B/8
	218+00 - 222+00	STH 11 EB MEDIAN	400	3A/3
	520+00 - 527+00	STH 11 WB CENTERLINE	175	3A/13
	302+50 - 306+50	STH 11 EB MEDIAN	400	3B/6
	317+00 - 320+00	STH 11 WB MEDIAN	300	3B/6
	520+00 - 527+00	STH 11 WB CENTERLINE	175	4A/13
		TOTAL 0010	**4,225**	

TEMPORARY PAVEMENT MARKING

CATEGORY	LOCATION	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH WHITE LF	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH YELLOW LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH YELLOW LF	649.0250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE LF	649.0960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF	REMARKS
0010	STAGE 1	-	-	6,800	2,100	-	3,400	
	WINTER SHUTDOWN	-	-	-	-	-	-	
	STAGE 2	35,665	78,370	6,800	-	925	3,400	
	STAGE 3	-	-	38,915	71,135	1,100	0	
	STAGE 4	-	-	700	-	-	-	
	TOTAL 0010	**35,665**	**78,370**	**53,215**	**73,235**	**2,025**	**6,800**	
	PROJECT TOTAL	**114,035**		**126,450**		**2,025**	**6,800**	

CONSTRUCTION STAKING

CATEGORY	STATION TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
0010	166+00	176+50	CROSSOVER A	1,050	1,050	-	-	-	
	213+00	221+50	CROSSOVER B	850	850	-	-	-	
	213+00	225+50	CROSSOVER C	1,250	1,250	-	-	-	
	260+25	275+50	CROSSOVER E	1,525	1,525	-	-	-	
	267+00	275+00	CROSSOVER D	800	800	-	-	-	
	306+00	315+00	CROSSOVER F	900	900	-	-	-	
	307+00	319+00	CROSSOVER G	1,200	1,200	-	-	-	
	369+00	378+00	CROSSOVER J	900	900	-	-	-	
	368+50	381+00	CROSSOVER K	1,250	1,250	-	-	-	
	496+25	512+00	CROSSOVER H	1,575	1,575	-	-	-	
	498+50	512+00	CROSSOVER I	1,350	1,350	-	-	-	
			STAGE 1 TOTAL	10,750	10,750	0	0	0	
	209+34	289+17	STH 11 EB	7,983	-	-	7,983	-	
	291+28	497+70	STH 11 EB	20,642	-	-	20,642	-	
	417+99	424+47	STH 11 EB TURN LANE LT	649	-	127	649	2,135	
	453+69	460+24	STH 11 EB TURN LANE LT	655	-	-	655	680	
	467+67	473+13	STH 11 EB TURN LANE LT	546	-	-	546	-	
	416+81	424+22	STH 11 EB TURN LANE RT	741	-	-	741	-	
	453+64	460+44	STH 11 EB TURN LANE RT	680	-	-	680	-	
	226+34	240+78	RAMP L	1,444	-	-	1,444	205	
	242+50	262+14	RAMP M	1,923	-	-	1,923	140	
	275+23	289+04	RAMP U	1,381	-	-	1,381	-	
	292+38	311+85	RAMP V	1,947	-	-	1,947	-	
	331+68	345+64	RAMP Y	1,391	-	79	1,391	250	
	345+79	373+17	RAMP Z	2,738	-	52	2,738	100	
	15+97	26+11	STH 59 NB	706	-	637	706	-	
	15+82	25+97	STH 59 SB	707	-	638	707	-	
	422+17	443+72 EB	CTH 59 TURN LANE RT	570	-	144	570	-	
	760+27	762+29	CTH KK	107	95	177	107	173	
	781+36	781+98	RICHLAND SOUTH	61	59	151	61	115	
			STAGE 2 TOTAL	44,871	154	2,005	44,871	3,798	

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CONSTRUCTION STAKING

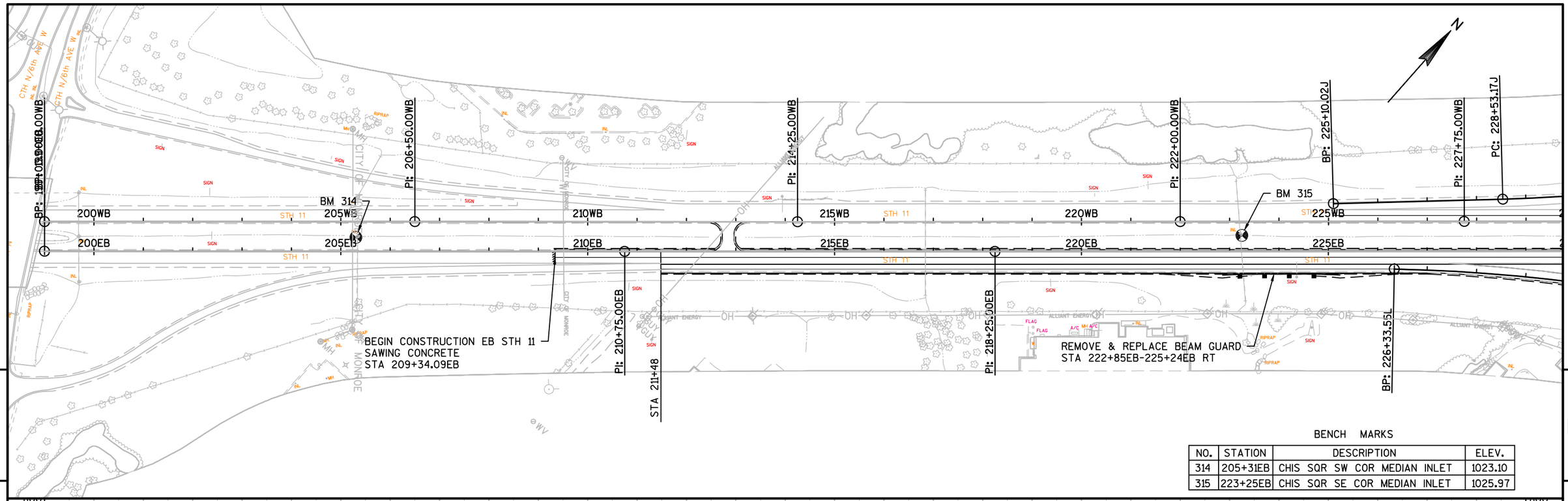
CATEGORY	STATION TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
0010	259+16	289+53	STH 11 WB	3,037	-	-	3,037	-	
	291+63	501+67	STH 11 WB	21,005	203	-	21,005	-	
	457+76	464+56	STH 11 WB TURN LANE LT	680	-	-	680	630	
	470+69	476+48	STH 11 WB TURN LANE LT	579	-	-	579	579	
	422+36	429+75	STH 11 WB TURN LANE RT	739	-	-	739	-	
	457+97	464+53	STH 11 WB TURN LANE RT	656	-	-	656	-	
	470+94	473+51	STH 11 WB TURN LANE RT	258	-	-	258	-	
	233+70	234+40	RAMP J	70	-	-	70	-	
	242+23	245+50	RAMP J	314	-	55	314	150	
	245+70	259+38	RAMP K	1,368	-	93	1,368	450	
	272+57	288+54	RAMP S	1,597	-	-	1,597	-	
	291+00	311+03	RAMP T	2,003	-	-	2,003	-	
	323+64	348+39	RAMP W	2,475	-	52	2,475	836	
	348+78	371+81	RAMP X	2,304	-	86	2,304	250	
	164+50	176+04	STH 81 EB	368	177	752	368	-	
	164+45	175+99	STH 81 WB	368	79	741	368	-	
	792+34	792+93	HILTBRAND LANE	59	67	147	59	110	
	783+36	783+84	RICHLAND RD NORTH	48	51	127	48	85	
	770+26	771+80	STAUFFACHER RD	111	43	160	111	149	
	212+06	212+80	MAINT. CROSSOVER	-	74	-	-	-	
			STAGE 3 TOTAL	38,036	694	2,213	38,036	3,239	
			TOTAL 0010	**93,657**	**11,598**	**4,218**	**82,907**	**7,037**	

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 LF	REMARKS
0010	209+34.09EB	STH 11 EB	11	EB LANES
	240+77.8L	STH 81 EB OFF-RAMP	8	RAMP LANE
	242+90.8M	STH 81 EB ON-RAMP	8	RAMP LANE
	289+03.6U	STH 69 EB OFF RAMP	8	RAMP LANE
	292+37.7V	STH 69 EB ON-RAMP	8	RAMP LANE
	760+23.32	CTH KK	29	SIDEROAD
	780+83.21	RICHLAND RD (S)	23	SIDEROAD
	497+69.44EB	STH 11 EB	11	EB LANES
		STAGE 2 TOTAL:	106	
	259+16.22WB	STH 11 WB	11	WB LANES
	233+70J	STH 81 WB ON-RAMP	8	RAMP LANE
	234+40J	STH 81 WB ON-RAMP	8	RAMP LANE
	242+23J	STH 81 WB ON-RAMP	8	RAMP LANE
	288+53.8S	STH 69 WB ON-RAMP	8	RAMP LANE
	291+00.4T	STH 69 WB OFF-RAMP	8	RAMP LANE
	501+67.14WB	STH 11 WB	11	WB LANES
	771+79.40	STAUFFACHER RD	33	SIDEROAD
	784+34.72	RICHLAND RD (N)	23	SIDEROAD
	792+91.97	HILTBRAND LN	21	SIDEROAD
		STAGE 3 TOTAL:	139	
		TOTAL 0010	**245**	

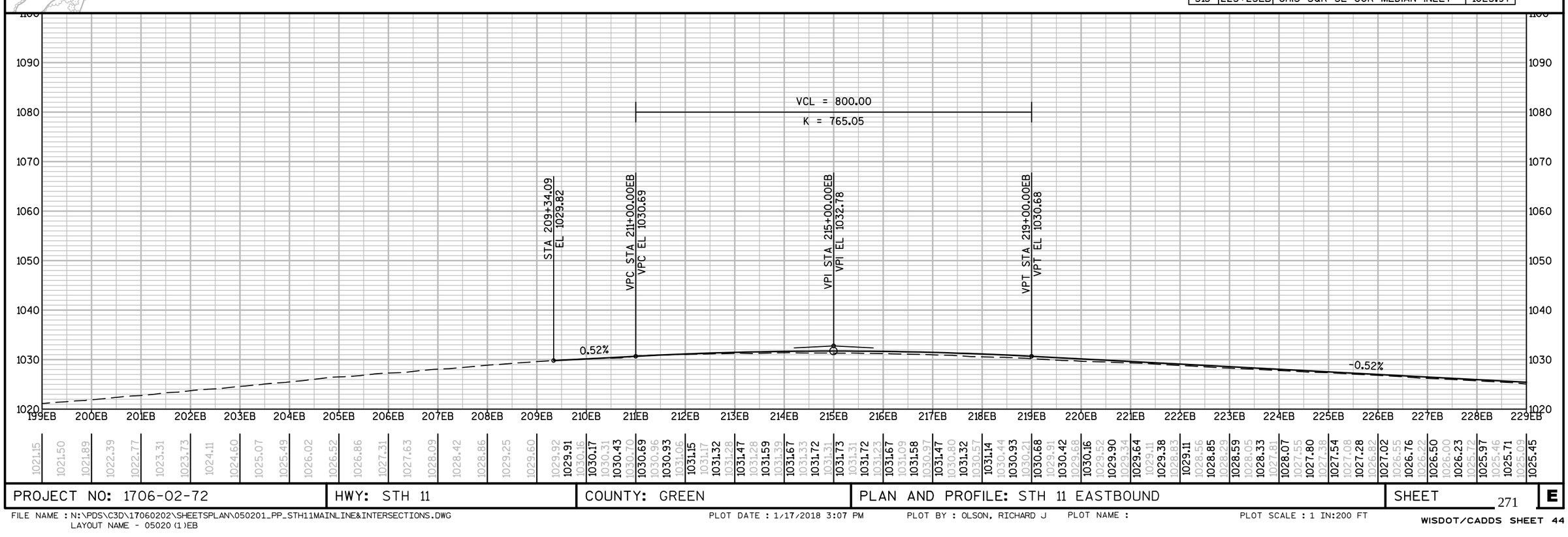
SAWING CONCRETE

CATEGORY	STATION	LOCATION	690.0250 LF	REMARKS
0010	209+34.09EB	STH 11 EB	41	EB LANES
	240+77.8L	STH 81 EB OFF-RAMP	35	RAMP LANE
	242+90.8M	STH 81 EB ON-RAMP	24	RAMP LANE
	289+03.6U	STH 69 EB OFF RAMP	28	RAMP LANE
	292+37.7V	STH 69 EB ON-RAMP	23	RAMP LANE
	760+23.32	CTH KK		SIDEROAD
	780+83.21	RICHLAND RD (S)		SIDEROAD
	497+69.44EB	STH 11 EB	24	EB LANES
		STAGE 2 TOTAL:	175	
	259+16.22WB	STH 11 WB	24	WB LANES
	233+70J	STH 81 WB ON-RAMP	15	RAMP LANE
	234+40J	STH 81 WB ON-RAMP	15	RAMP LANE
	242+23J	STH 81 WB ON-RAMP	15	RAMP LANE
	288+53.8S	STH 69 WB ON-RAMP	27	RAMP LANE
	291+00.4T	STH 69 WB OFF-RAMP	15	RAMP LANE
	501+67.14WB	STH 11 WB	24	WB LANES
	771+79.40	STAUFFACHER RD		SIDEROAD
	784+34.72	RICHLAND RD (N)		SIDEROAD
	792+91.97	HILTBRAND LN		SIDEROAD
		STAGE 3 TOTAL:	135	
		TOTAL 0010	**310**	

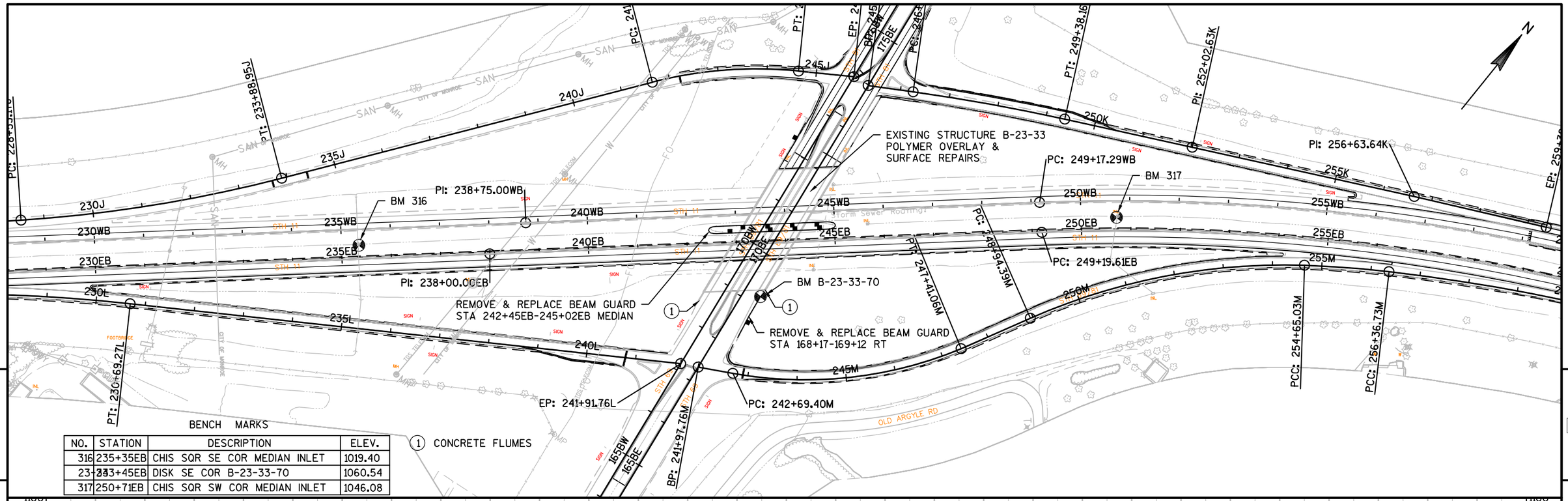


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
314	205+31EB	CHIS SQR SW COR MEDIAN INLET	1023.10
315	223+25EB	CHIS SQR SE COR MEDIAN INLET	1025.97



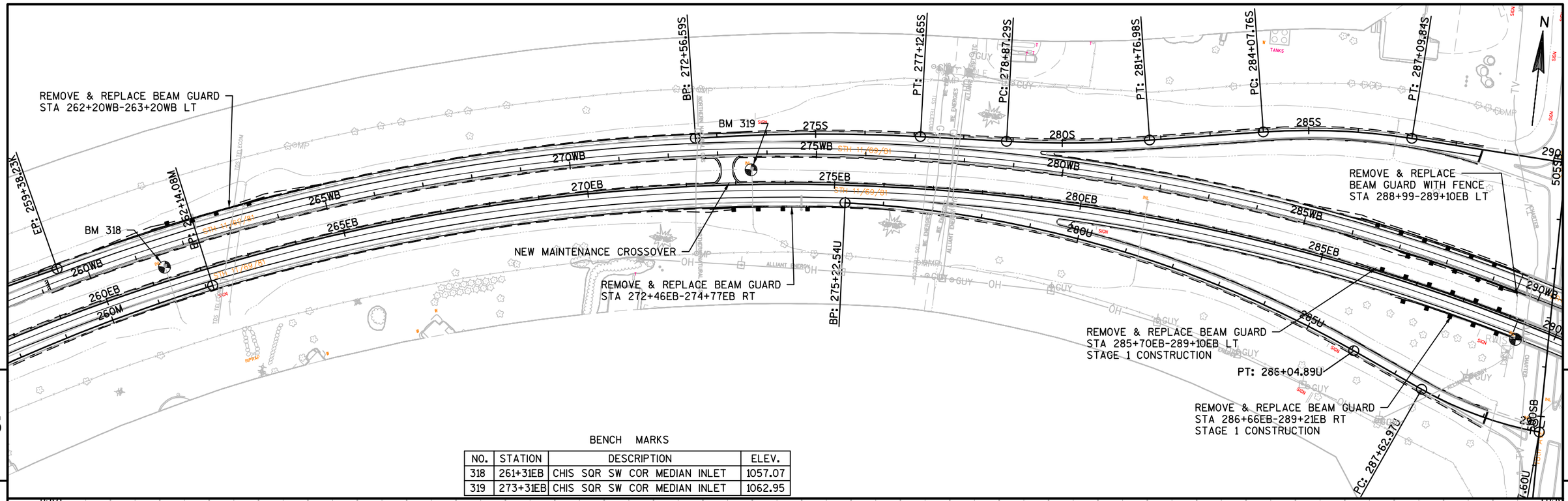
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 271 E



1025.09	1025.45	1025.19	1024.93	1024.66	1024.40	1024.14	1023.88
1023.62	1023.39	1023.27	1023.39	1023.22	1023.11	1023.12	1023.09
1023.10	1023.12	1023.25	1023.22	1023.35	1023.38	1023.61	1023.60
1023.79	1023.89	1024.28	1024.25	1024.71	1024.67	1025.29	1025.15
1025.86	1025.70	1026.40	1026.32	1027.22	1026.99	1028.01	1027.74
1028.83	1028.55	1029.65	1029.42	1030.61	1030.36	1031.57	1031.37
1032.40	1033.44	1034.48	1035.59	1035.51	1036.55	1036.83	1037.71
1037.64	1038.68	1038.72	1039.73	1039.81	1040.73	1040.89	1041.85
1041.98	1042.99	1043.07	1044.02	1044.13	1045.01	1045.17	1046.02
1046.16	1047.15	1047.13	1048.09	1048.05	1049.04	1048.94	1050.03
1049.80	1051.02	1050.61	1051.83	1051.40	1052.59	1052.15	1053.22
1052.86	1053.84	1053.53	1054.42	1054.17	1055.01	1054.78	1055.53
1055.35	1056.03	1055.88	1056.57	1056.38	1057.00	1056.84	1057.36
1057.27	1057.59	1057.66	1057.77	1058.01	1058.06	1058.33	

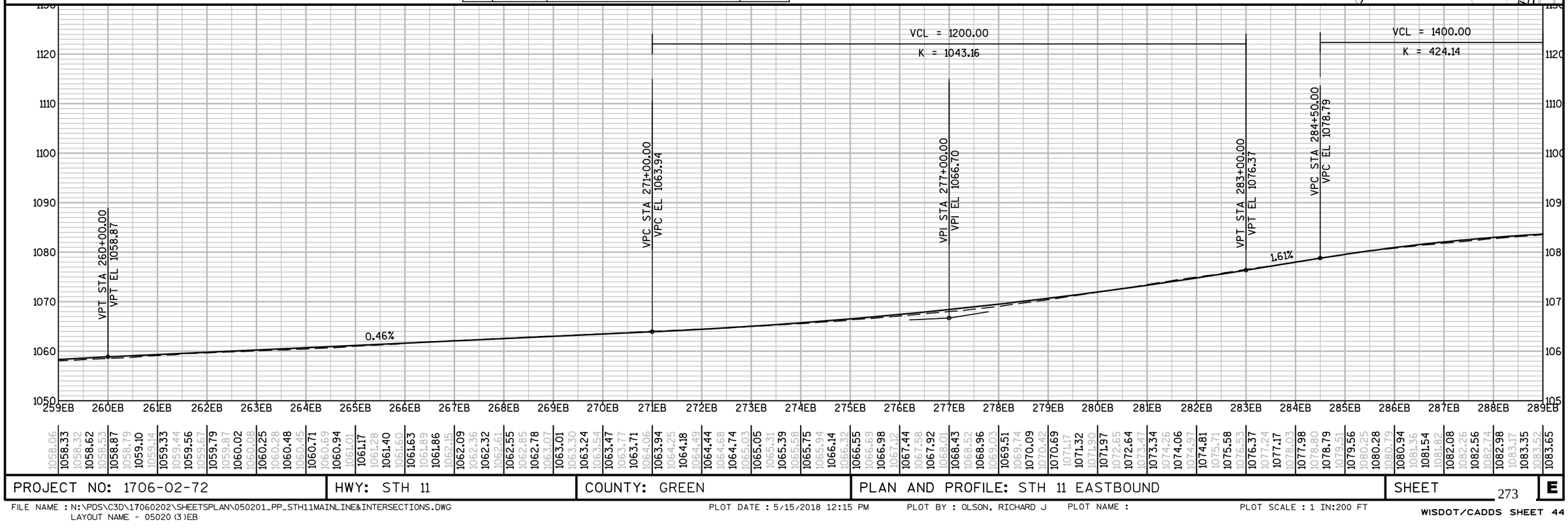
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 272 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 05020 (2)EB
PLOT DATE : 1/17/2018 3:08 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

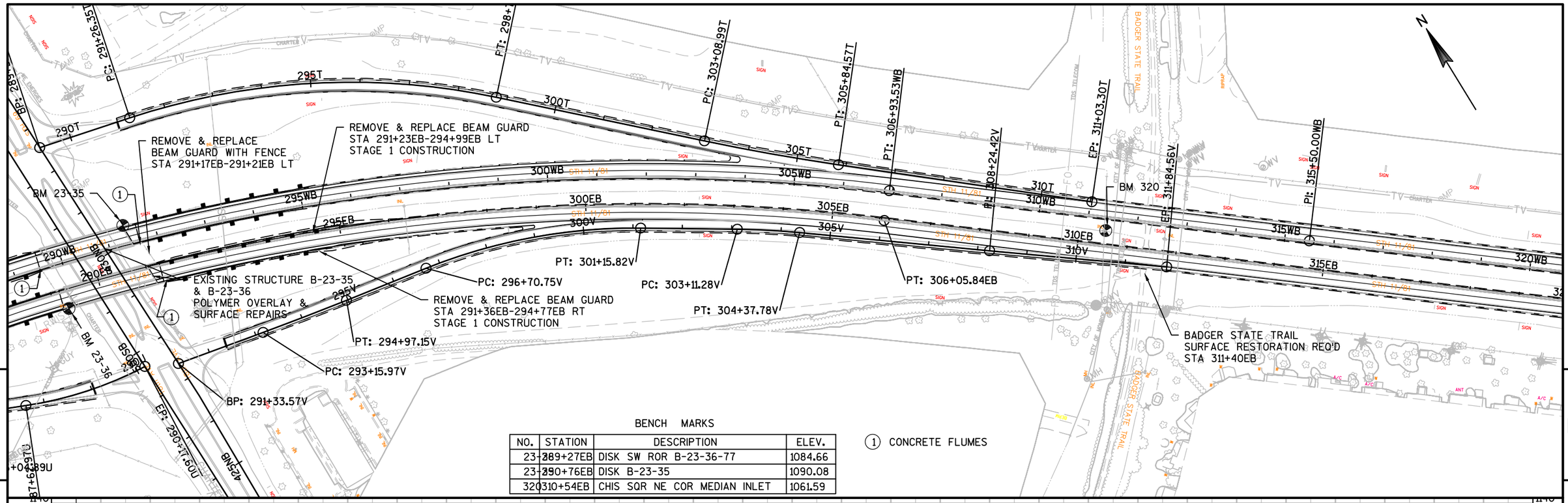


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
318	261+31EB	CHIS SQR SW COR MEDIAN INLET	1057.07
319	273+31EB	CHIS SQR SW COR MEDIAN INLET	1062.95



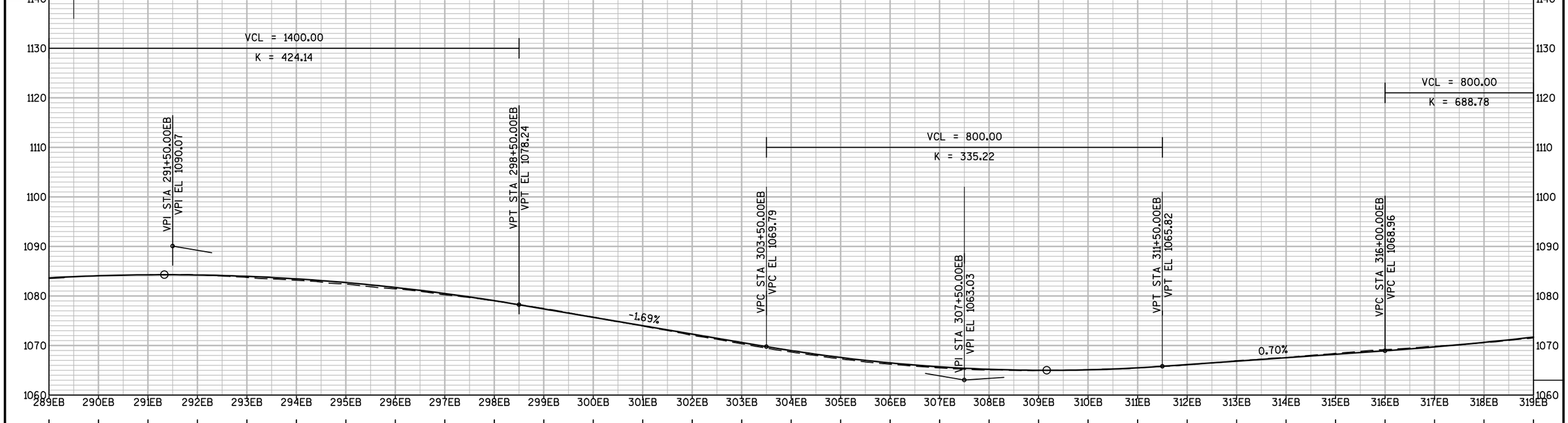
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 273 E



BENCH MARKS

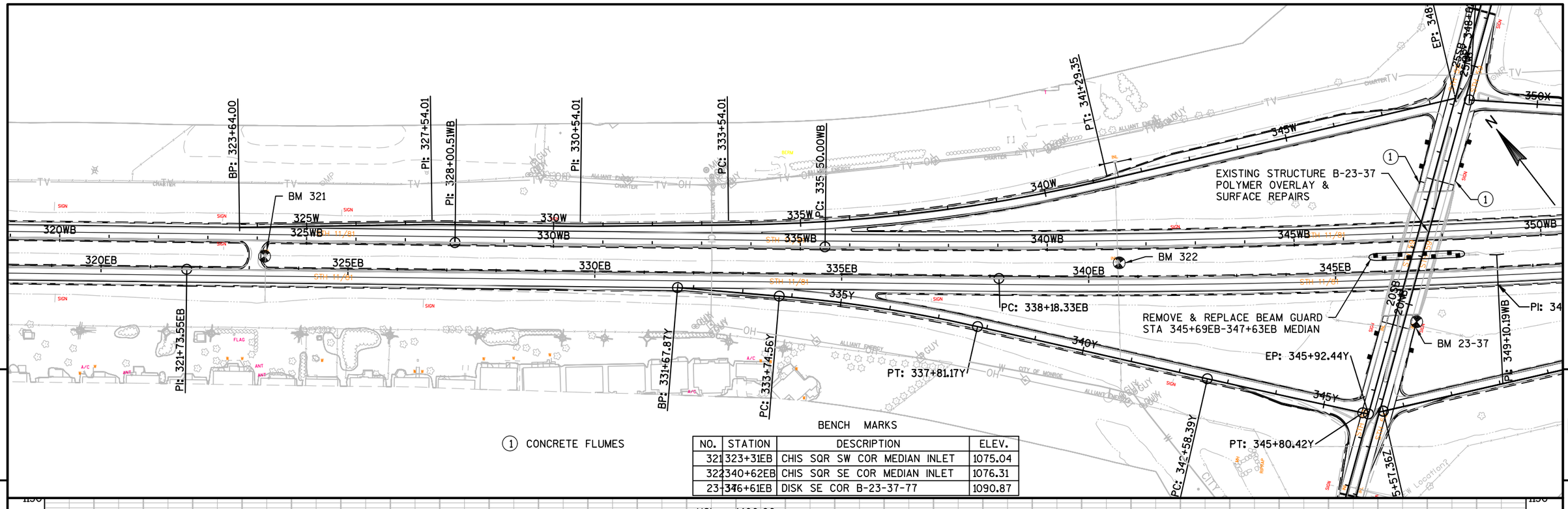
NO.	STATION	DESCRIPTION	ELEV.
23	289+27EB	DISK SW ROR B-23-36-77	1084.66
23	290+76EB	DISK B-23-35	1090.08
320	310+54EB	CHIS SQR NE COR MEDIAN INLET	1061.59

(1) CONCRETE FLUMES



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 274	E

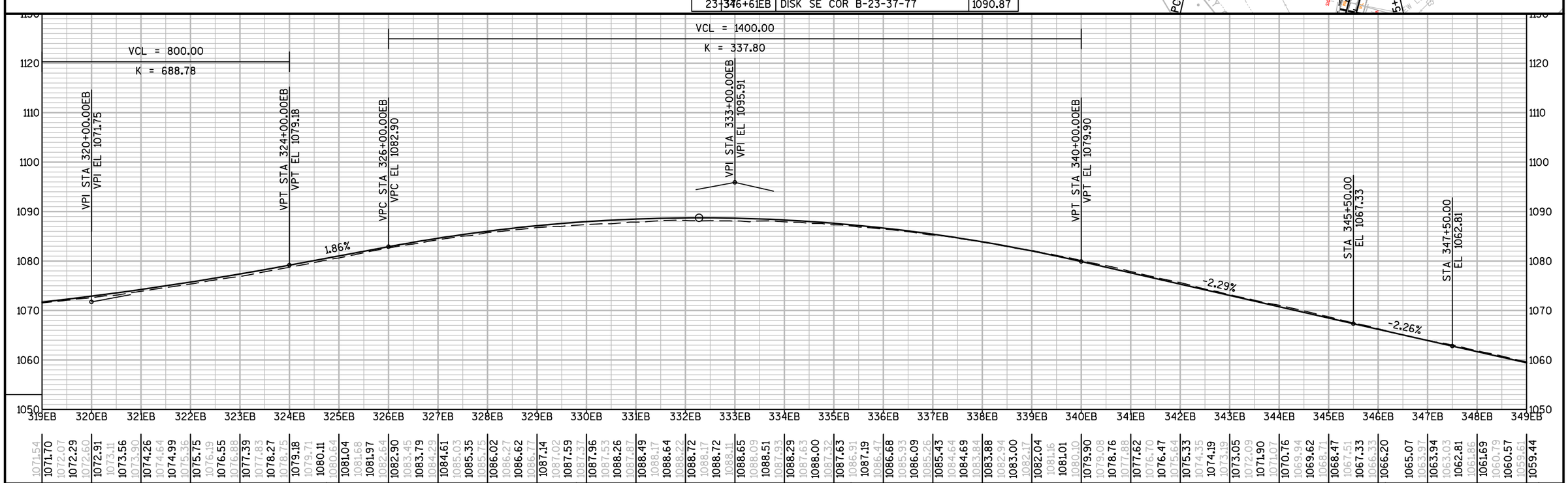
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 05020(4)EB
PLOT DATE : 3/5/2018 8:39 AM
PLOT BY : OLSON, RICHARD J
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



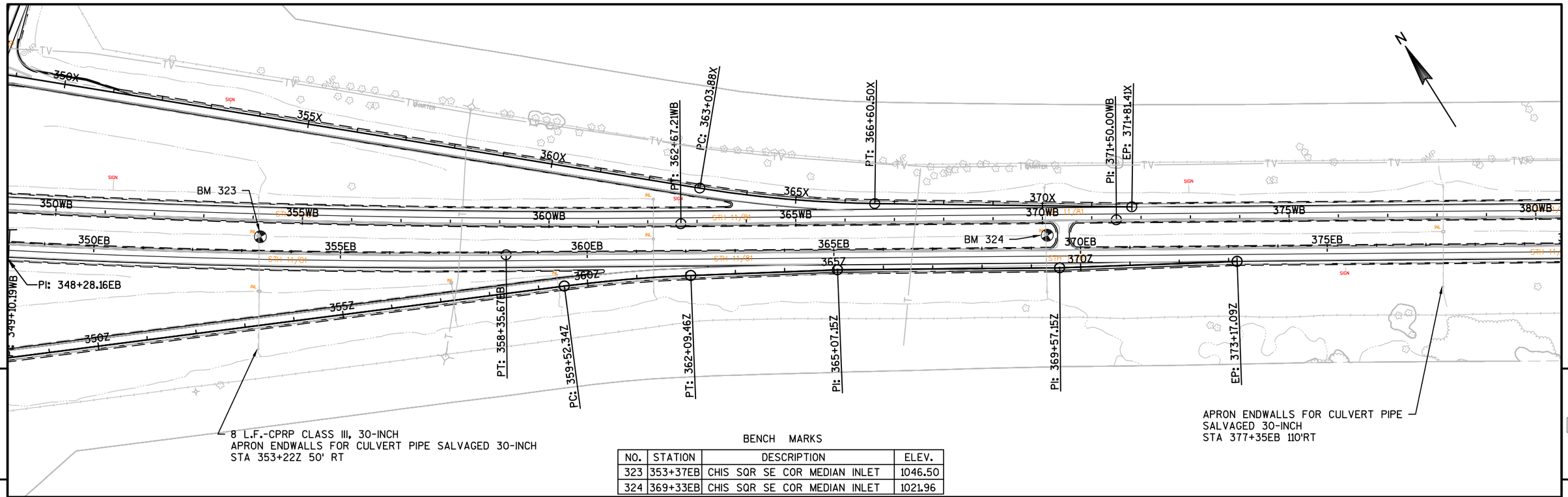
① CONCRETE FLUMES

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
321	323+31EB	CHIS SQR SW COR MEDIAN INLET	1075.04
322	340+62EB	CHIS SQR SE COR MEDIAN INLET	1076.31
23-346	+61EB	DISK SE COR B-23-37-77	1090.87

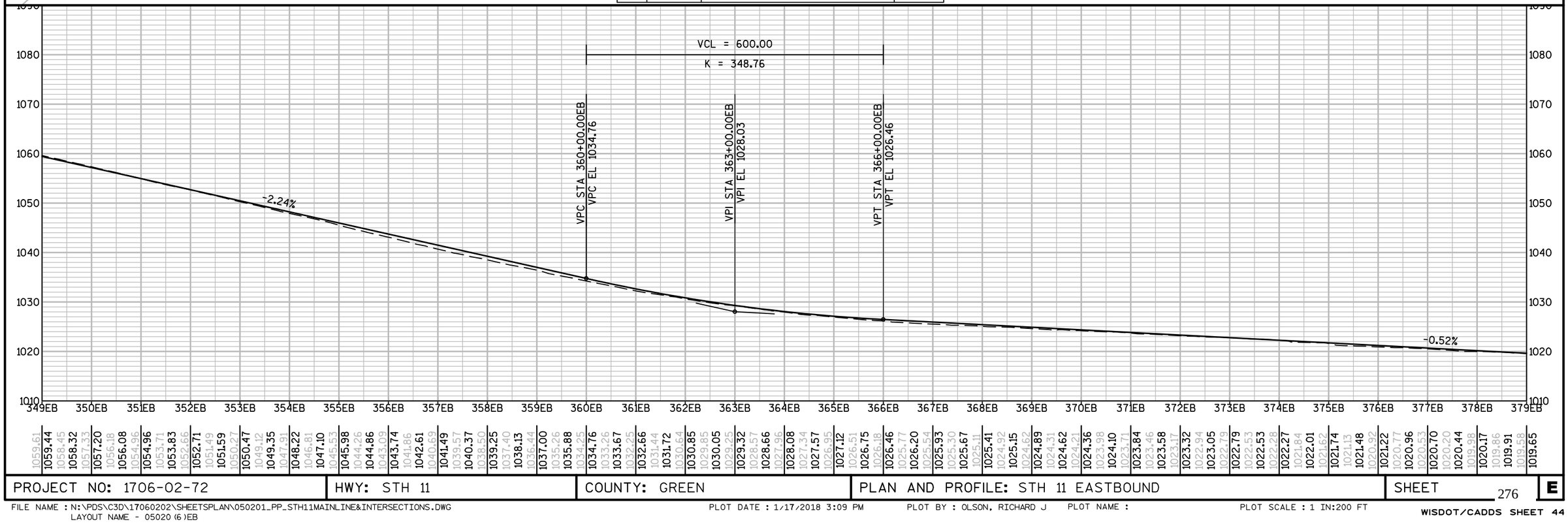


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 275 E

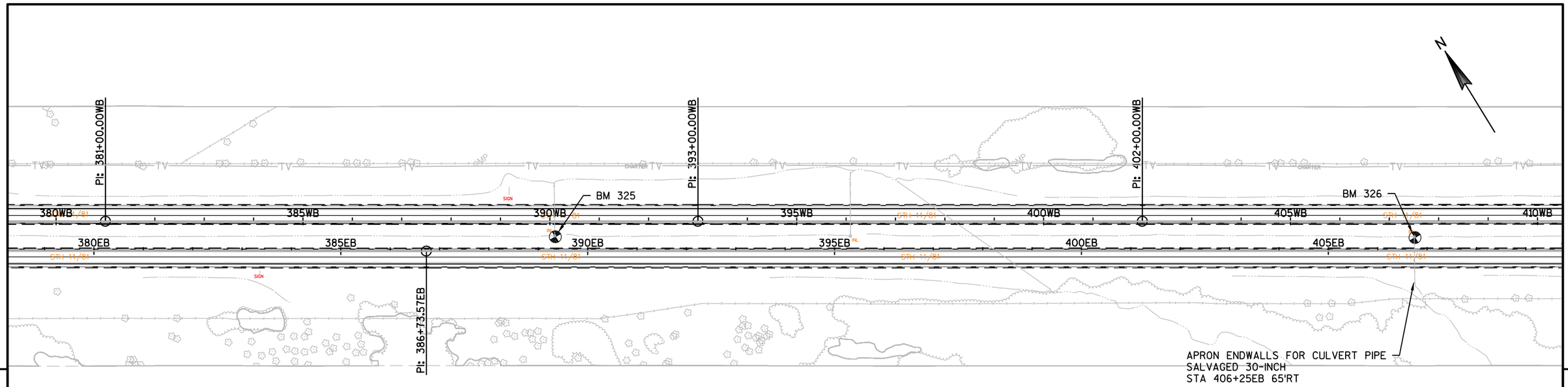


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
323	353+37EB	CHIS SQR SE COR MEDIAN INLET	1046.50
324	369+33EB	CHIS SQR SE COR MEDIAN INLET	1021.96

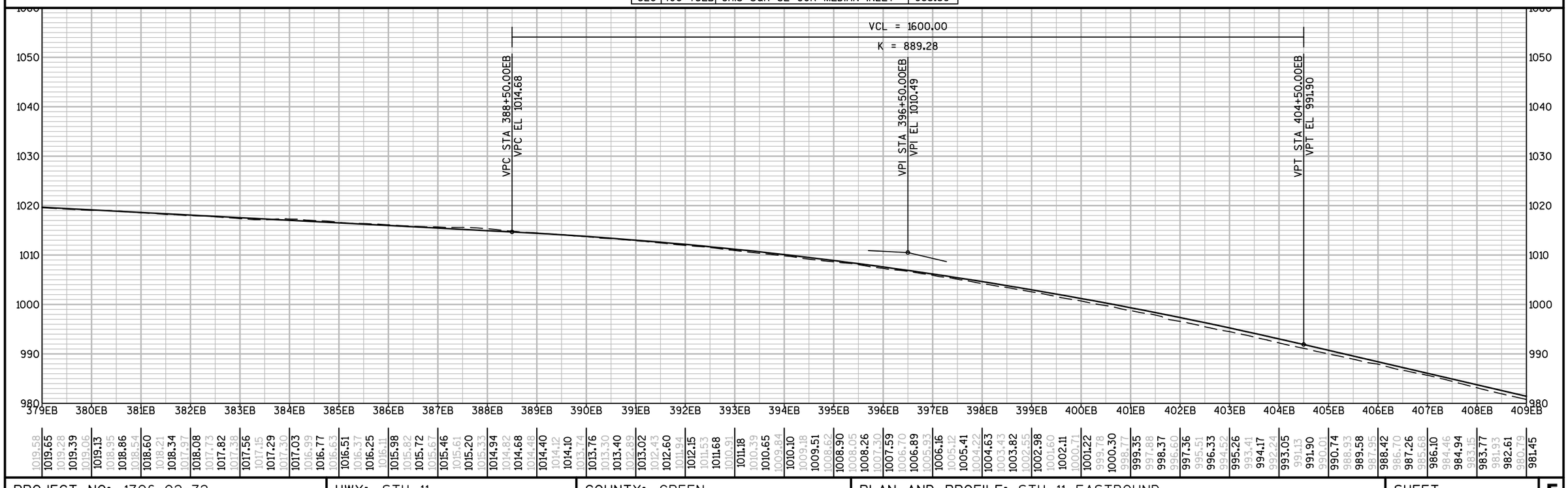


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 276 E

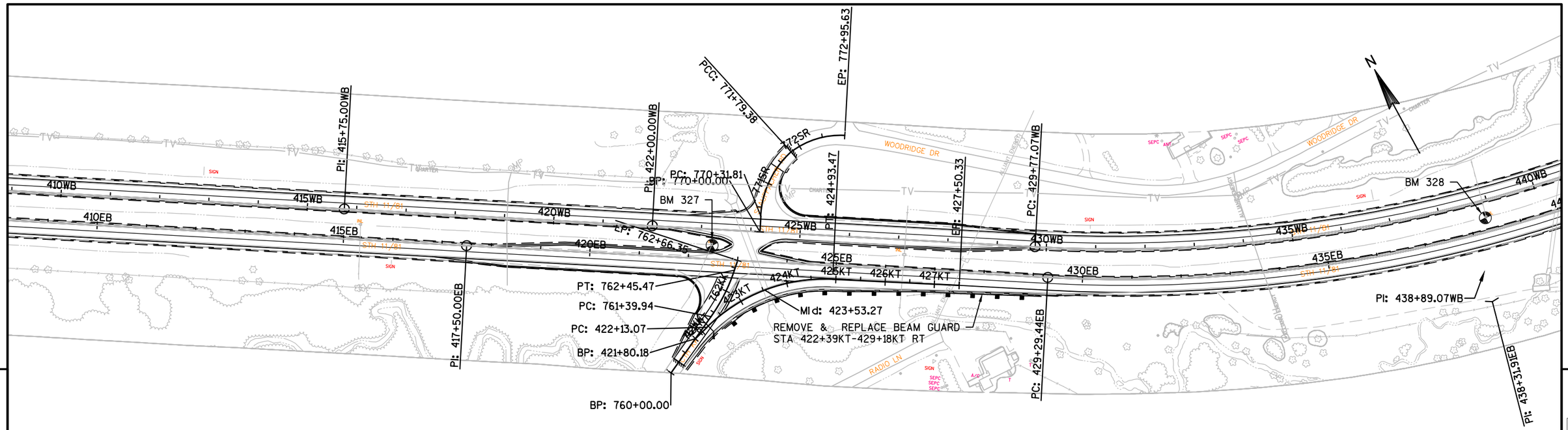


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
325	389+35EB	CHIS SQR SE COR MEDIAN INLET	1011.20
326	406+75EB	CHIS SQR SE COR MEDIAN INLET	983.39

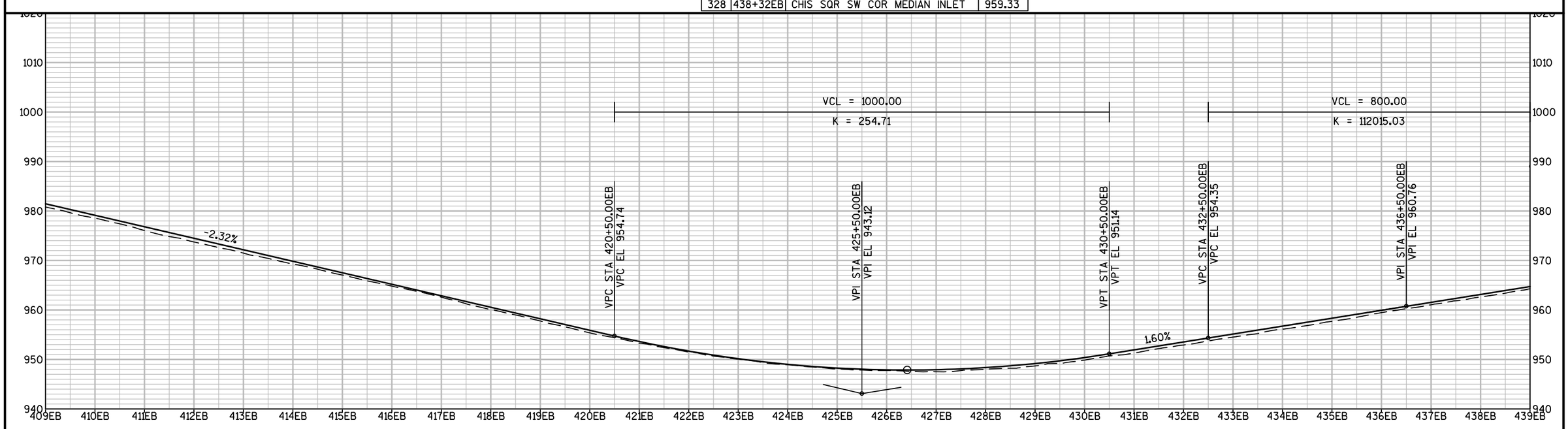


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 277 E



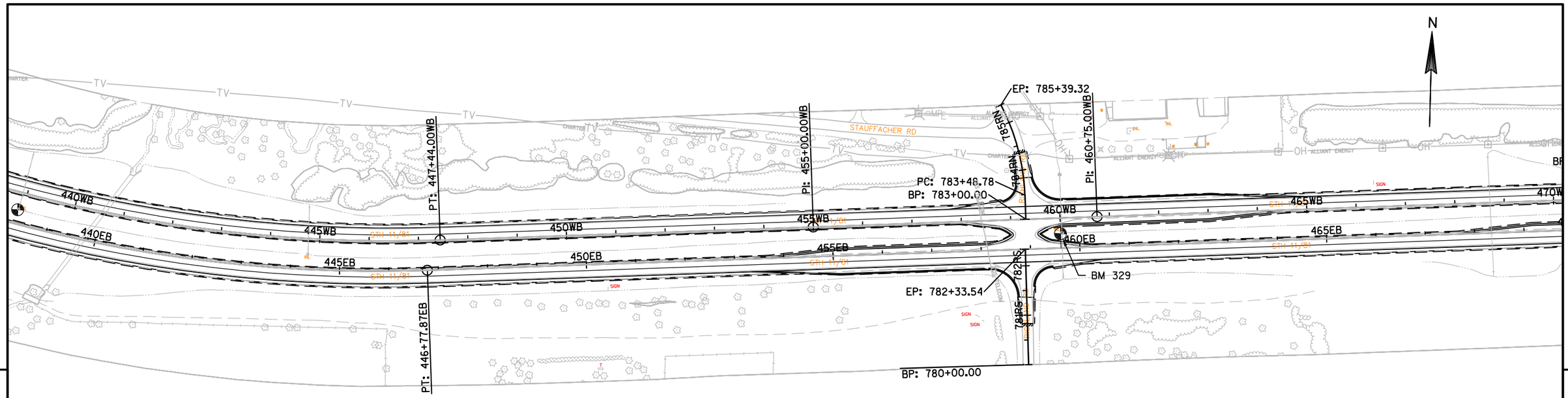
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
327	422+47EB	CHIS SQR SE COR MEDIAN INLET	948.31
328	438+32EB	CHIS SQR SW COR MEDIAN INLET	959.33



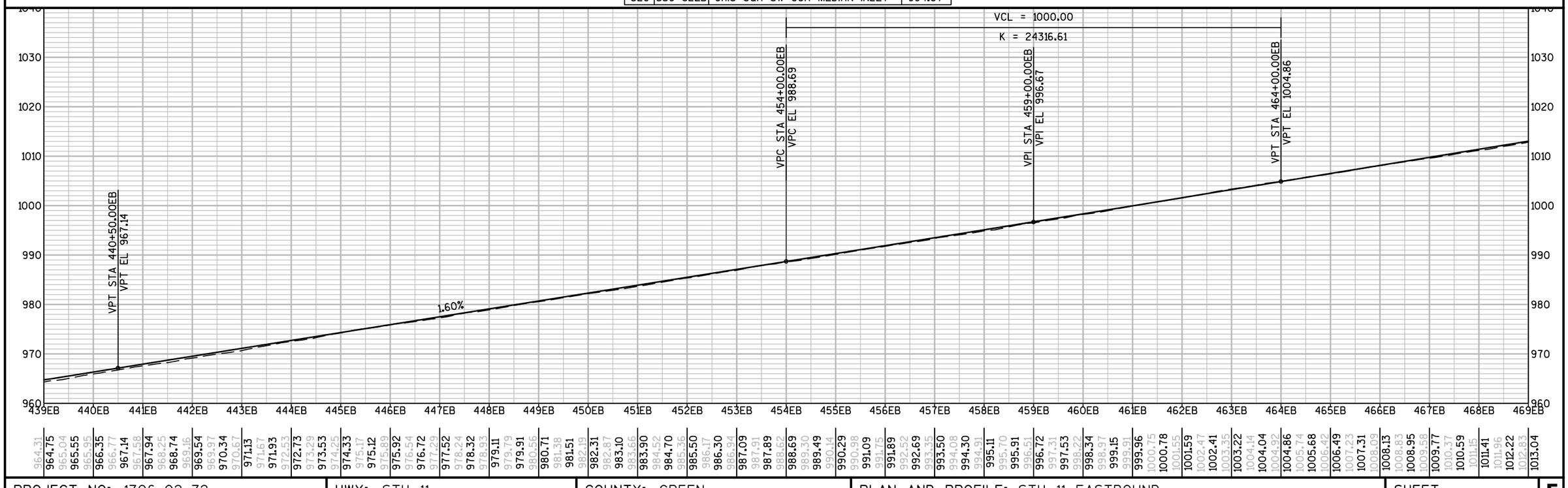
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 278 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 05020 (8)EB
PLOT DATE : 1/17/2018 3:10 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

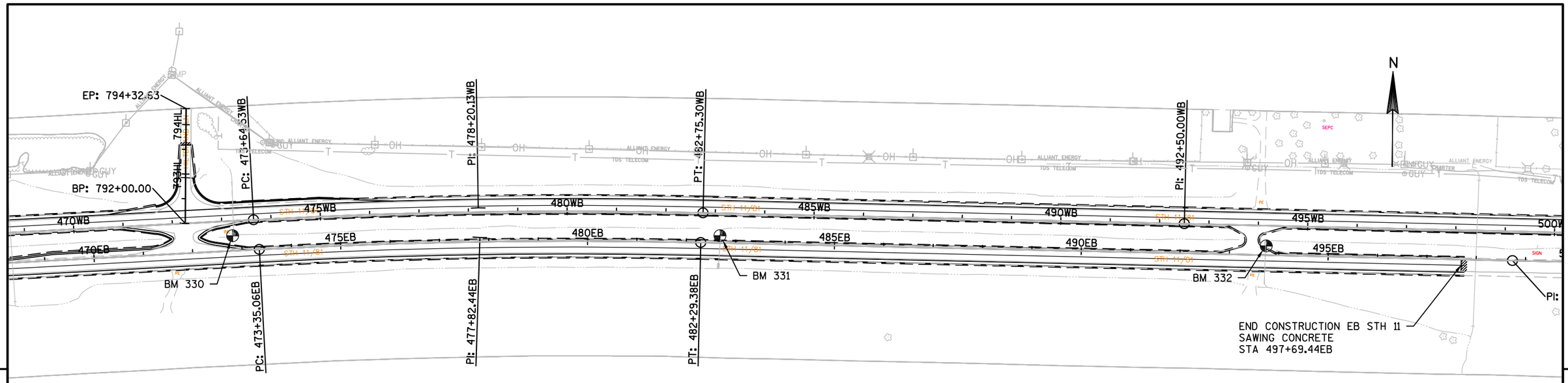


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
329	359+62EB	CHIS SQR SW COR MEDIAN INLET	994.87

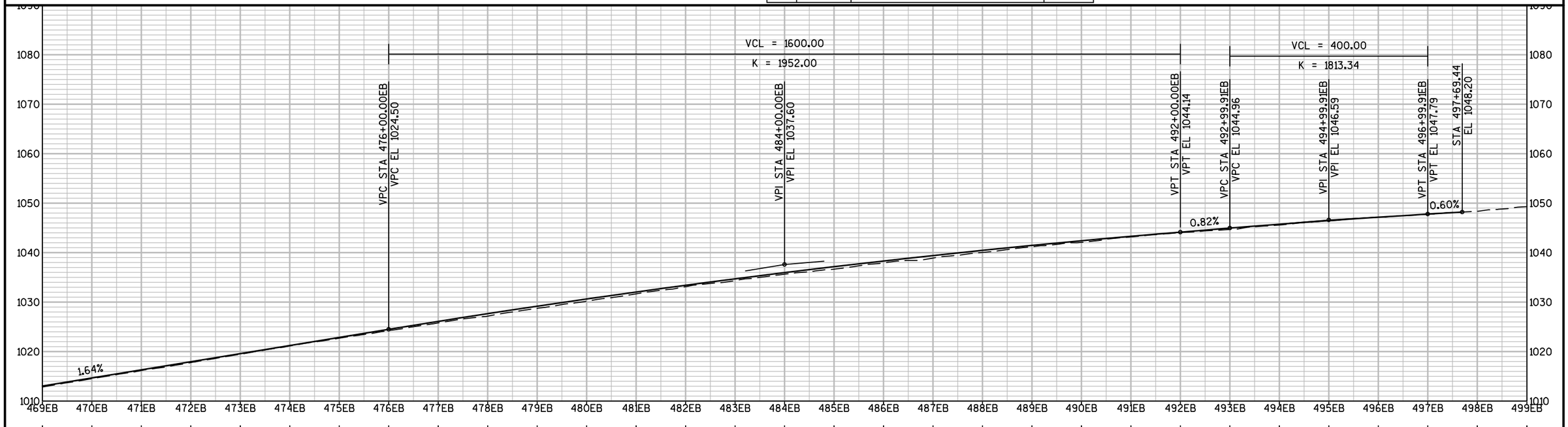


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 EASTBOUND	SHEET 279 E

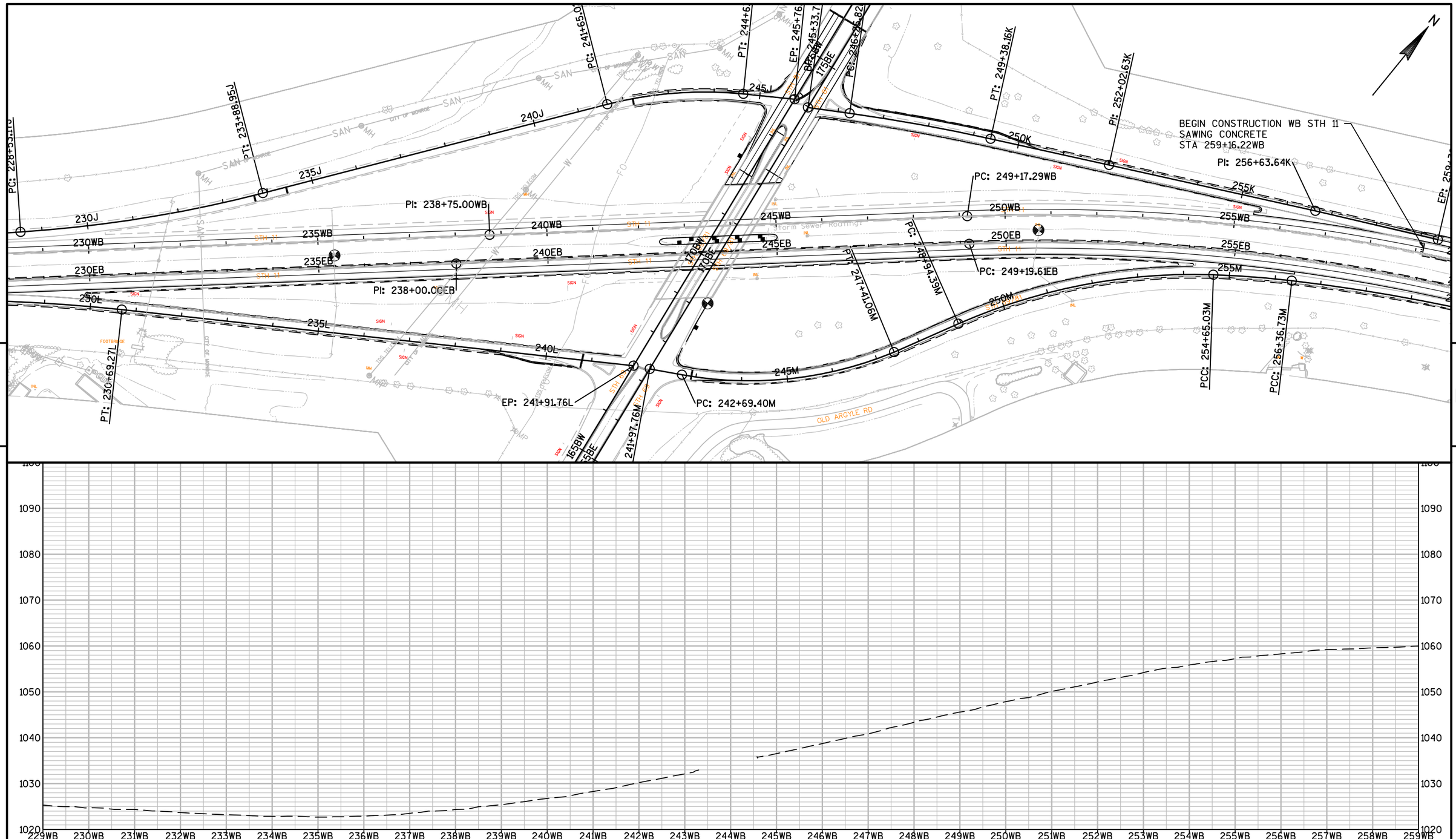


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
330	472+83EB	CHIS SQR SW COR MEDIAN INLET	1016.49
331	482+68EB	CHIS SQR SW COR MEDIAN INLET	1032.88
332	493+74EB	CHIS SQR SE COR MEDIAN INLET	1044.63



| | | |

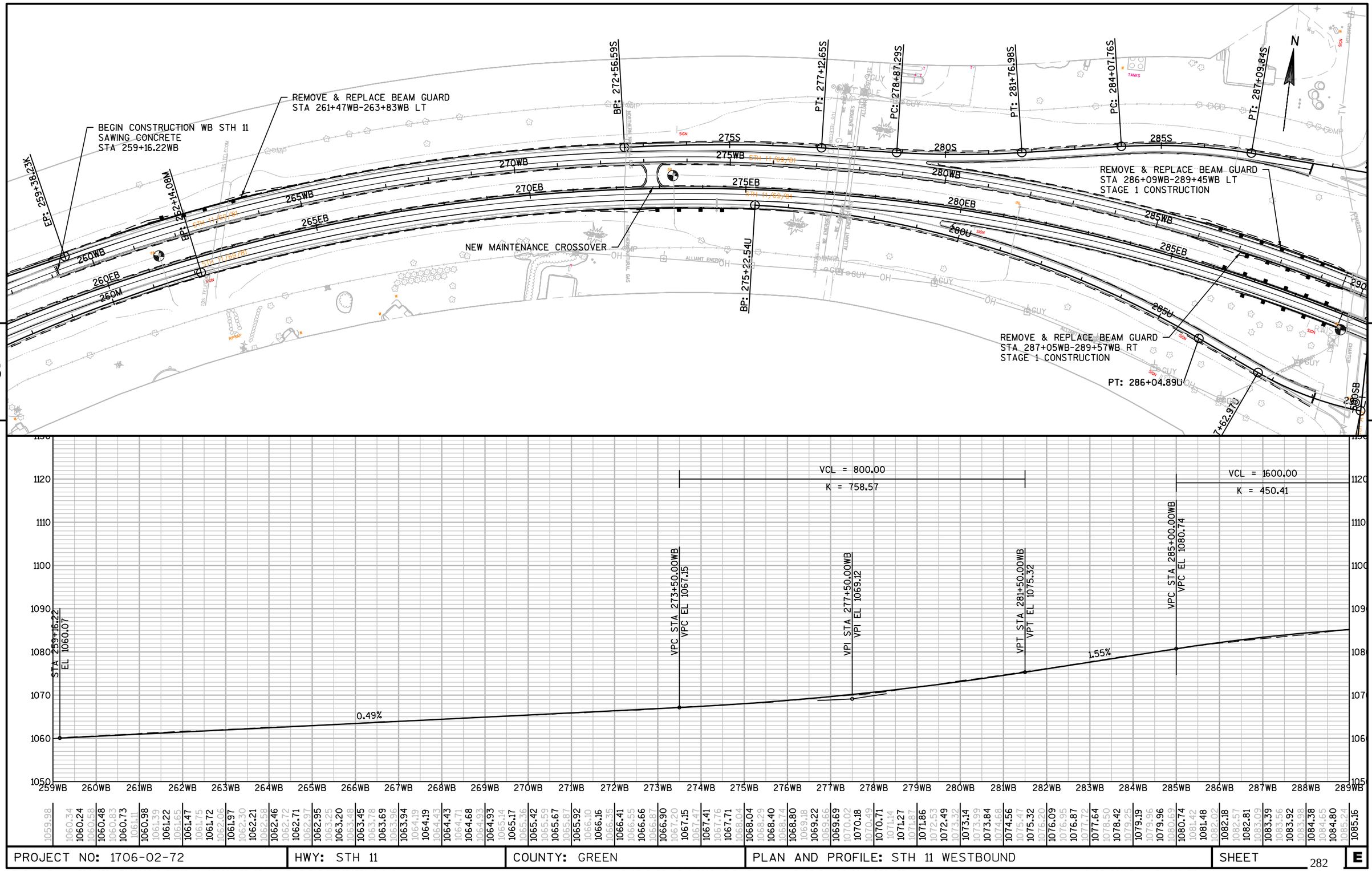


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 281 E

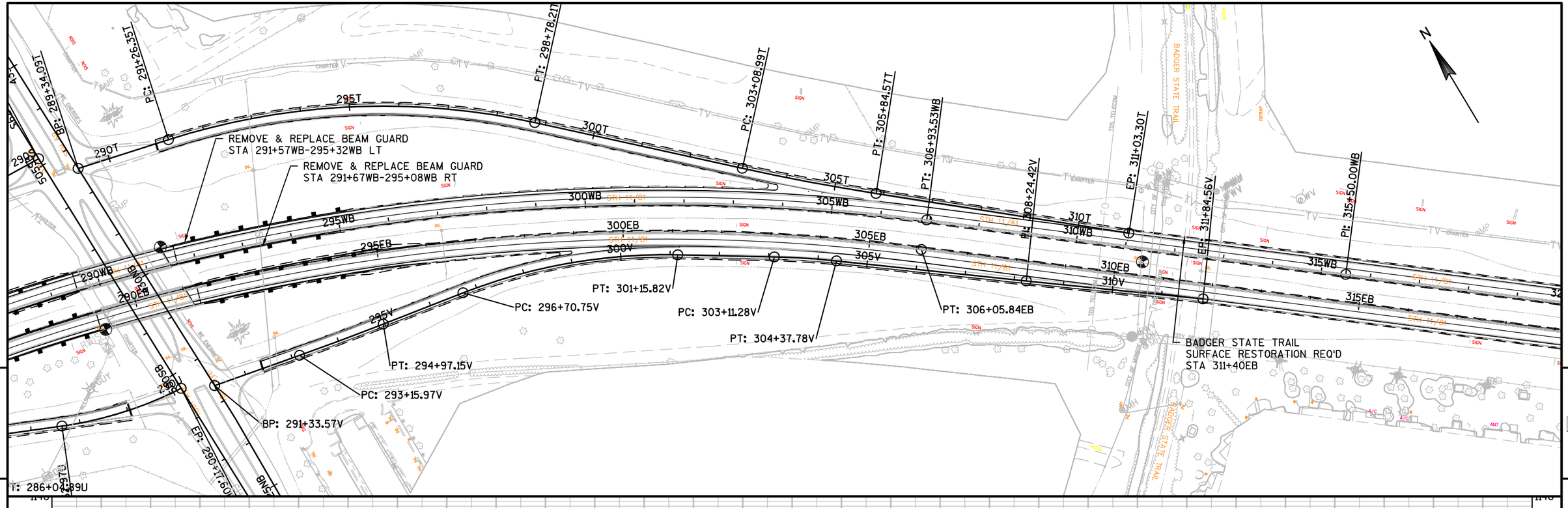
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 050201_PP_STH11MAINLINE&INTERSECTIONS - 05020(13)WB

PLOT DATE : 1/17/2018 3:11 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

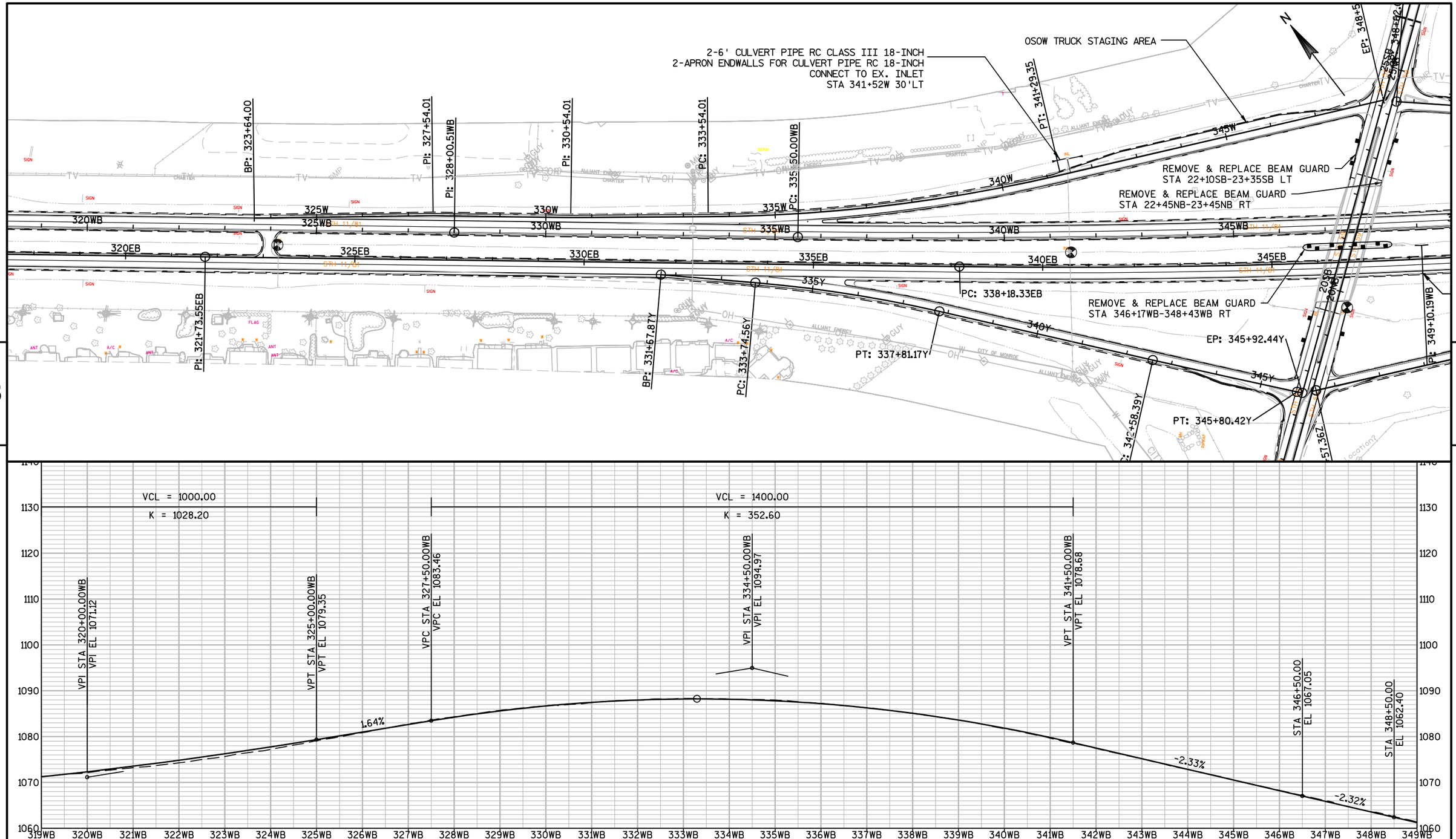


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 282 E



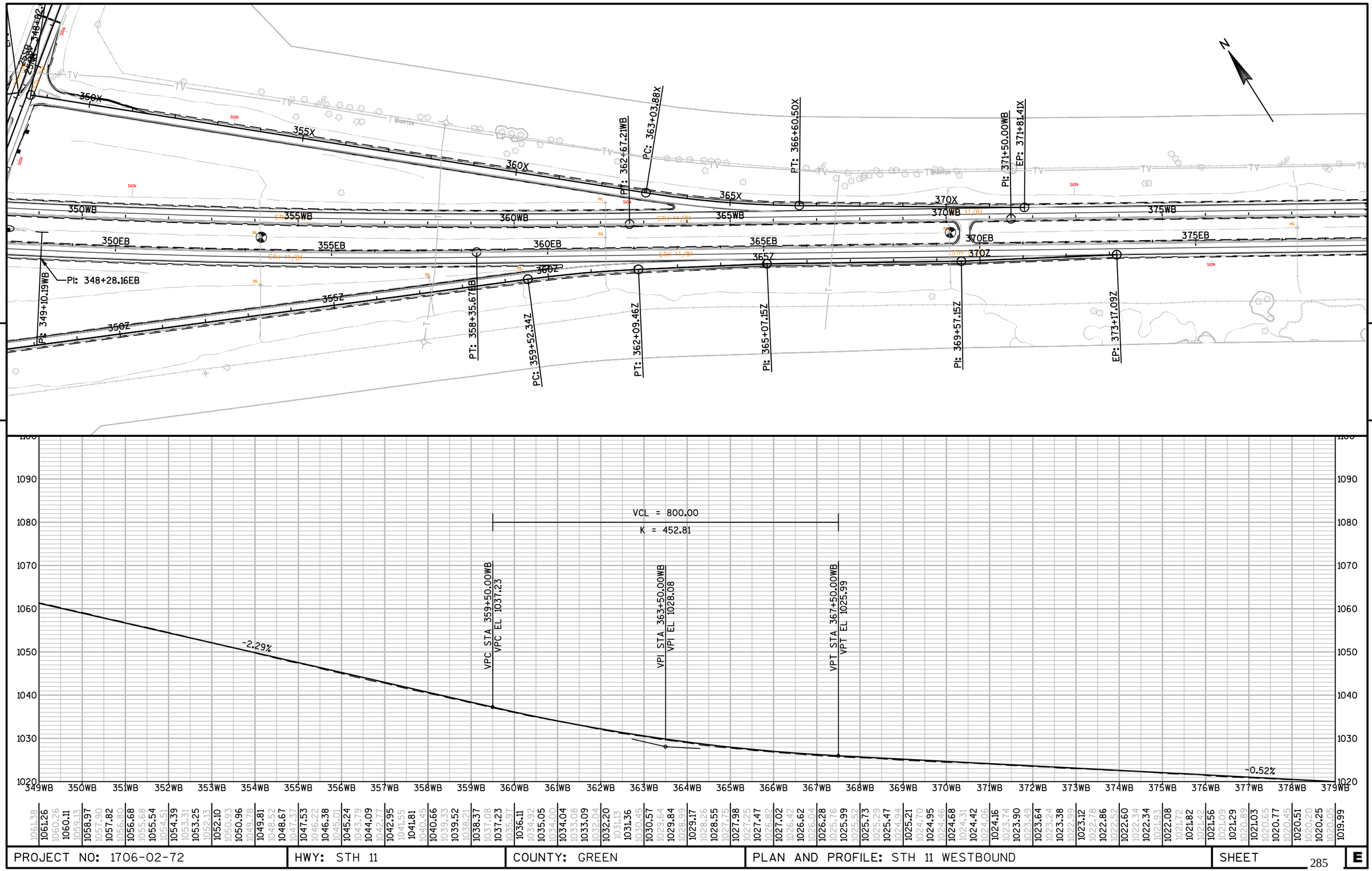
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 283 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 050201_PP_STH11MAINLINE&INTERSECTIONS - 05020(15)WB
PLOT DATE : 3/5/2018 8:44 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 284	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 050201_PP_STH11MAINLINE&INTERSECTIONS - 05020(16)WB
PLOT DATE : 5/15/2018 12:31 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 285 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 050201_PP_STH11MAINLINE&INTERSECTIONS - 05020(17)WB
PLOT DATE : 1/17/2018 3:13 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

APRON ENDWALLS FOR CULVERT PIPE
SALVAGED 30-INCH
STA 396+10WB 85'LT

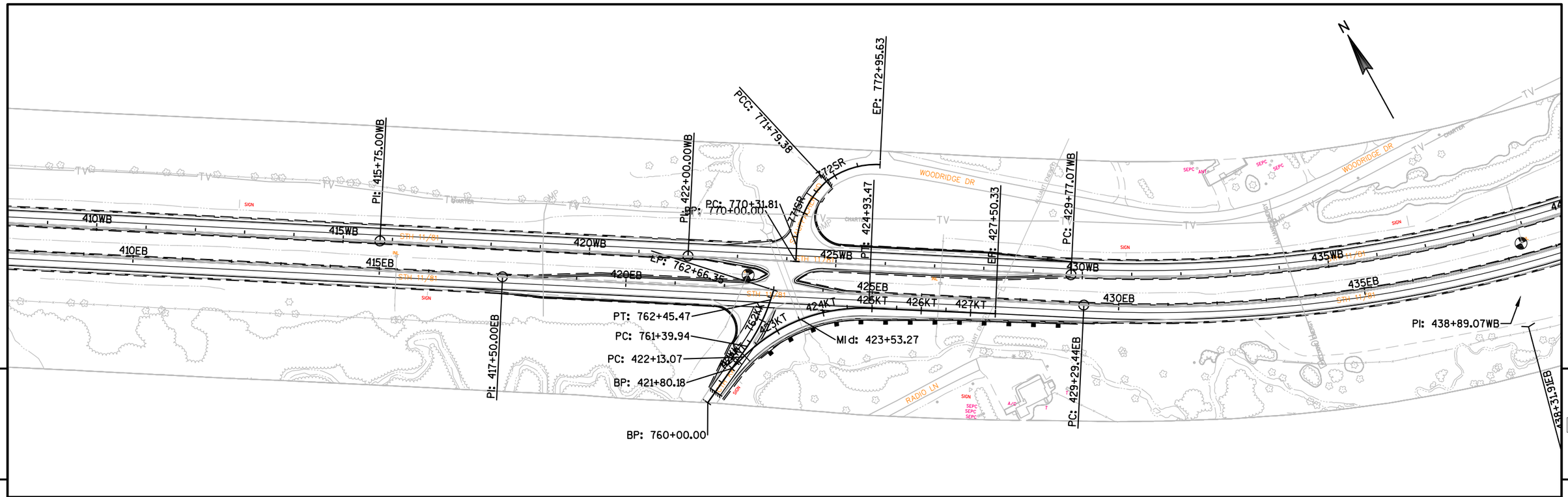
PI: 381+00.00WB
PI: 393+00.00WB
PI: 402+00.00WB
PI: 386+73.57EB

380WB 385WB 390WB 395WB 400WB 405WB
380EB 385EB 390EB 395EB 400EB 405EB
CTH 11/81

VCL = 2000.00
K = 1124.23

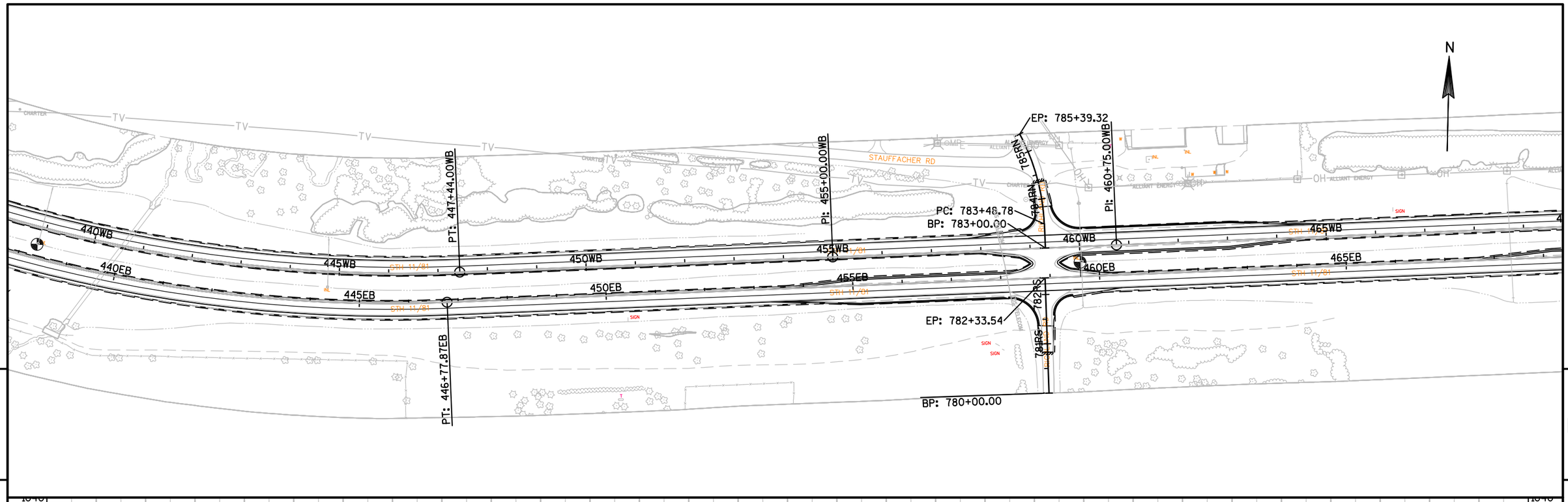
VPC STA 387+00.00WB
VPC EL 1015.82
VPI STA 397+00.00WB
VPI EL 1010.60
VPT STA 407+00.00WB
VPT EL 987.60

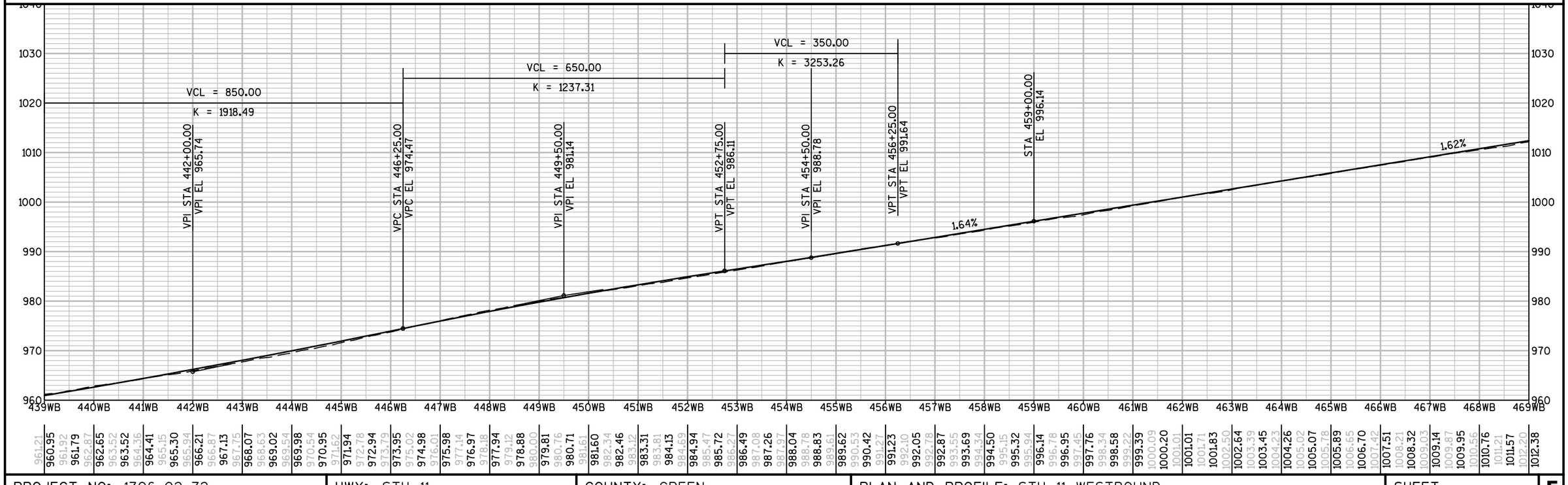
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 286	E



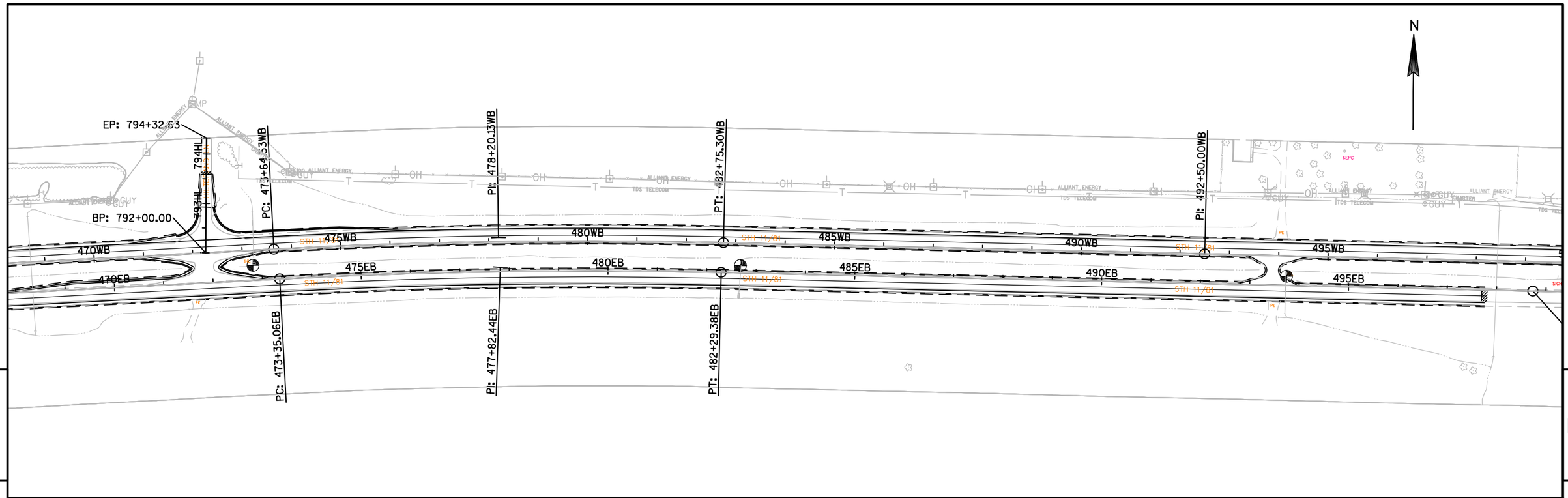
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 287 E

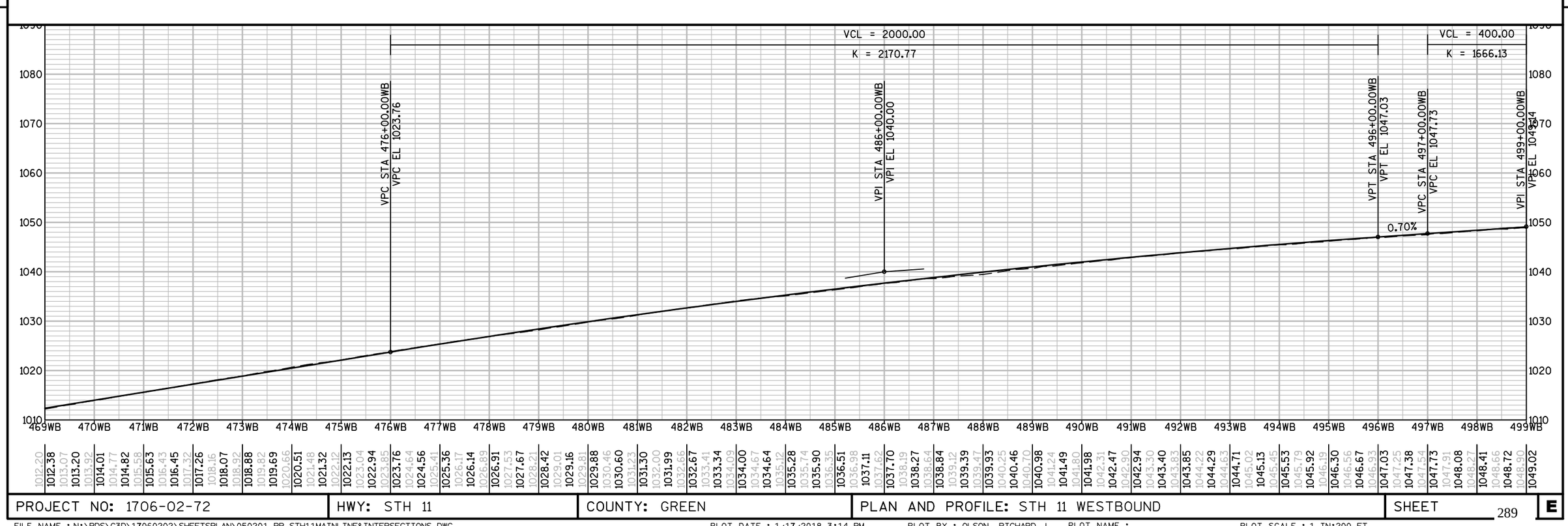
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 050201_PP_STH11MAINLINE&INTERSECTIONS - 05020(19)WB
PLOT DATE : 1/17/2018 3:13 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



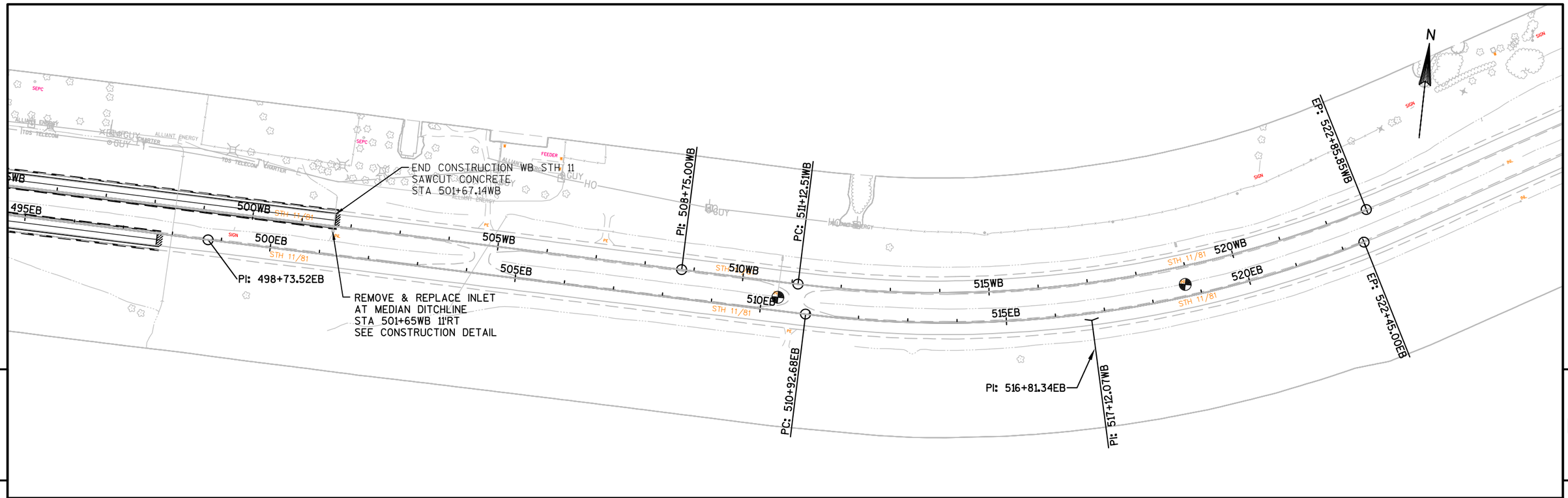


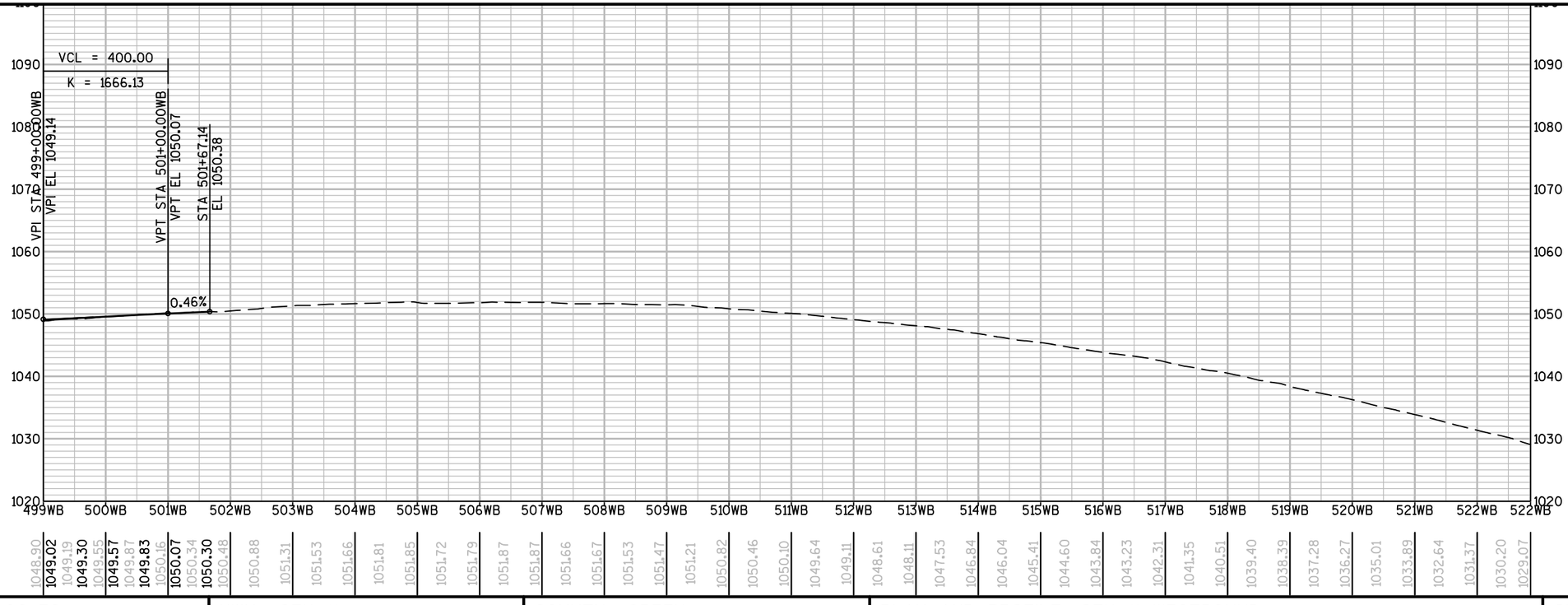
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 288	E





PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 289 E

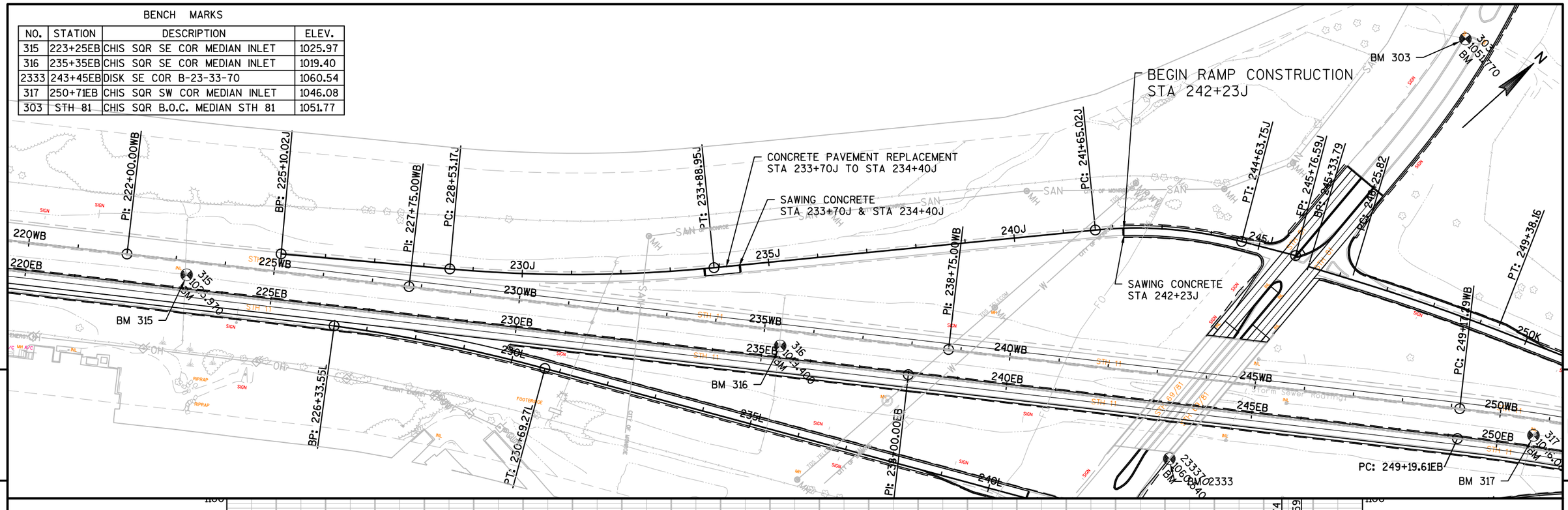


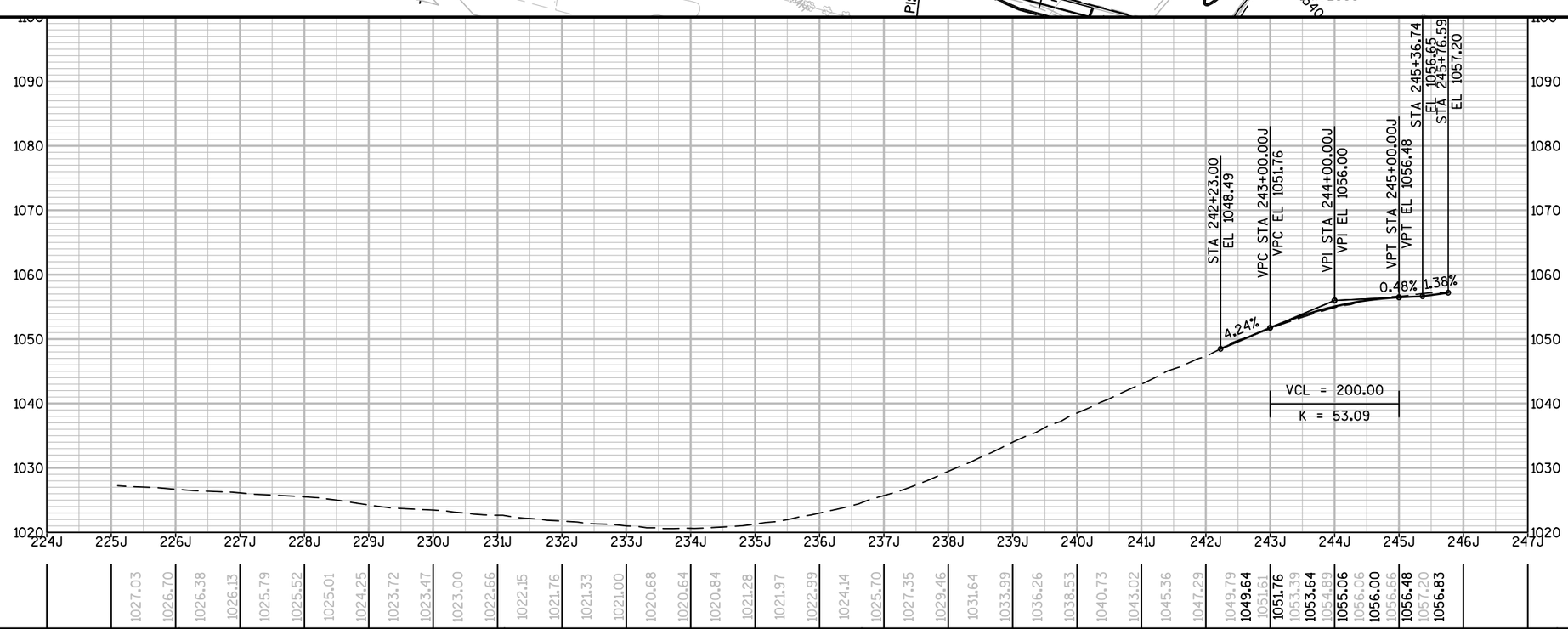


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 11 WESTBOUND	SHEET 290	E

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
315	223+25EB	CHIS SQR SE COR MEDIAN INLET	1025.97
316	235+35EB	CHIS SQR SE COR MEDIAN INLET	1019.40
2333	243+45EB	DISK SE COR B-23-33-70	1060.54
317	250+71EB	CHIS SQR SW COR MEDIAN INLET	1046.08
303	STH 81	CHIS SQR B.O.C. MEDIAN STH 81	1051.77





PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 81 WB ON-RAMP J	SHEET 291 E

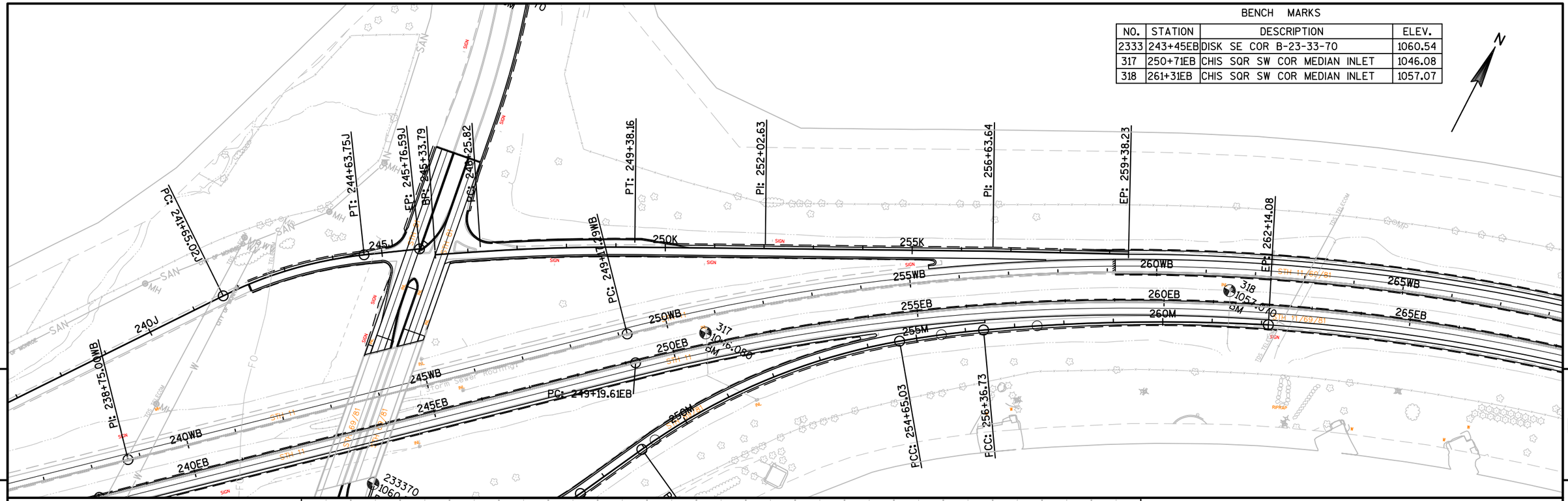
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP J

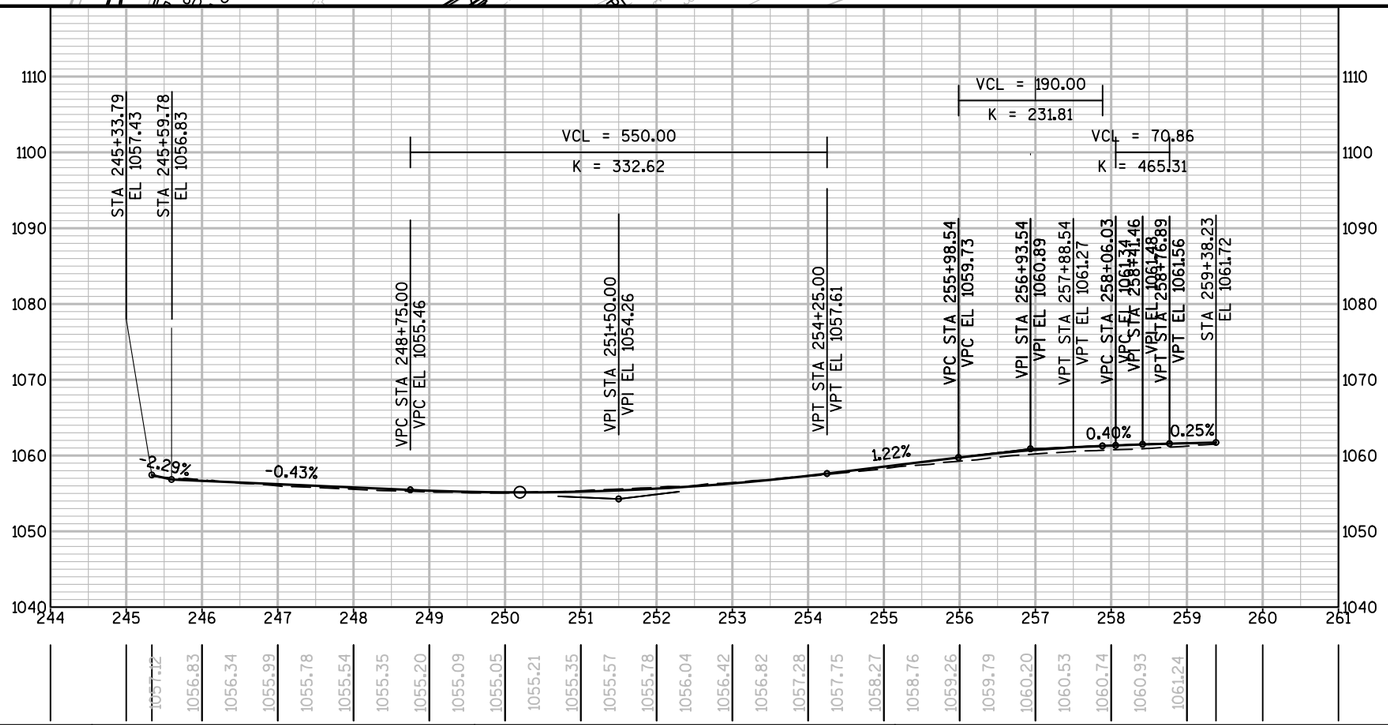
PLOT DATE : 1/31/2018 2:56 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
2333	243+45EB	DISK SE COR B-23-33-70	1060.54
317	250+71EB	CHIS SQR SW COR MEDIAN INLET	1046.08
318	261+31EB	CHIS SQR SW COR MEDIAN INLET	1057.07

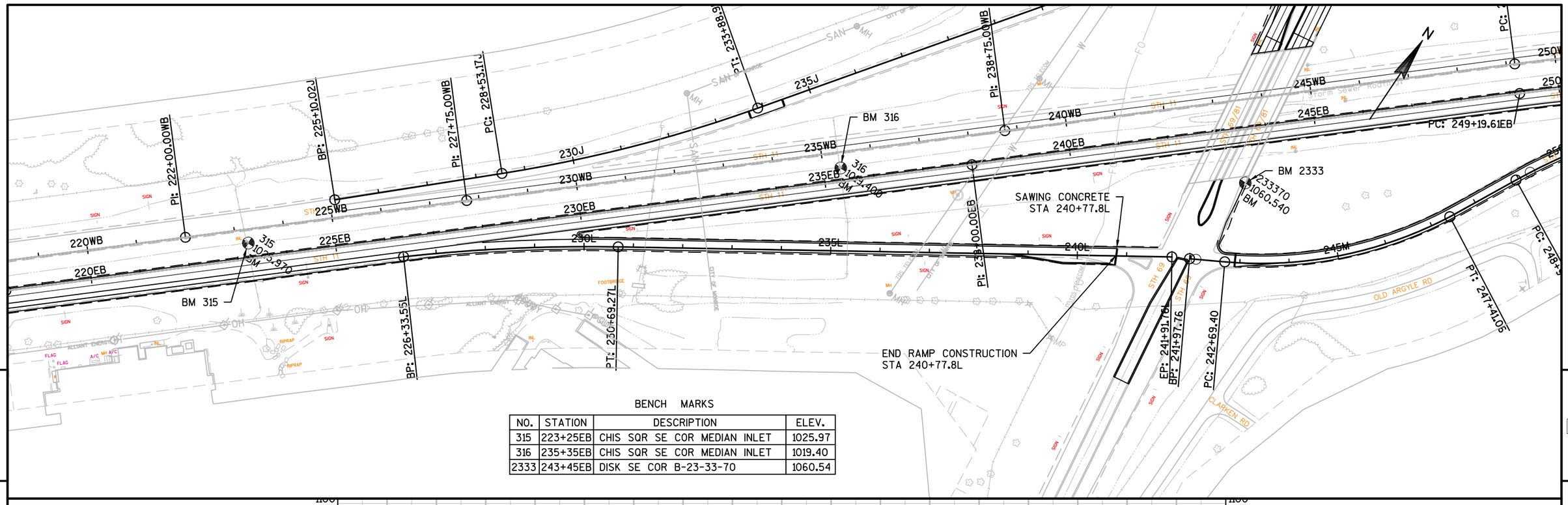




PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 81 WB OFF-RAMP K	SHEET 292 E

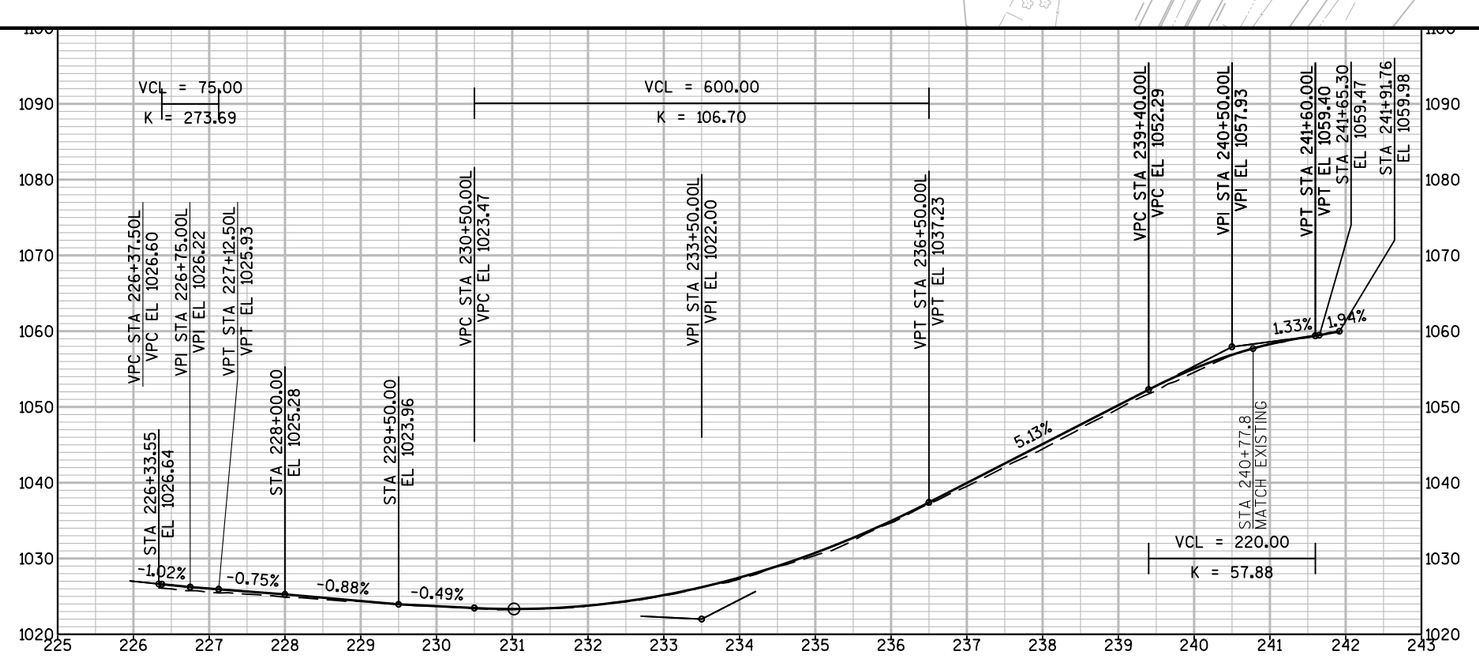
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP K

PLOT DATE : 1/31/2018 2:56 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
315	223+25EB	CHIS SQR SE COR MEDIAN INLET	1025.97
316	235+35EB	CHIS SQR SE COR MEDIAN INLET	1019.40
2333	243+45EB	DISK SE COR B-23-33-70	1060.54

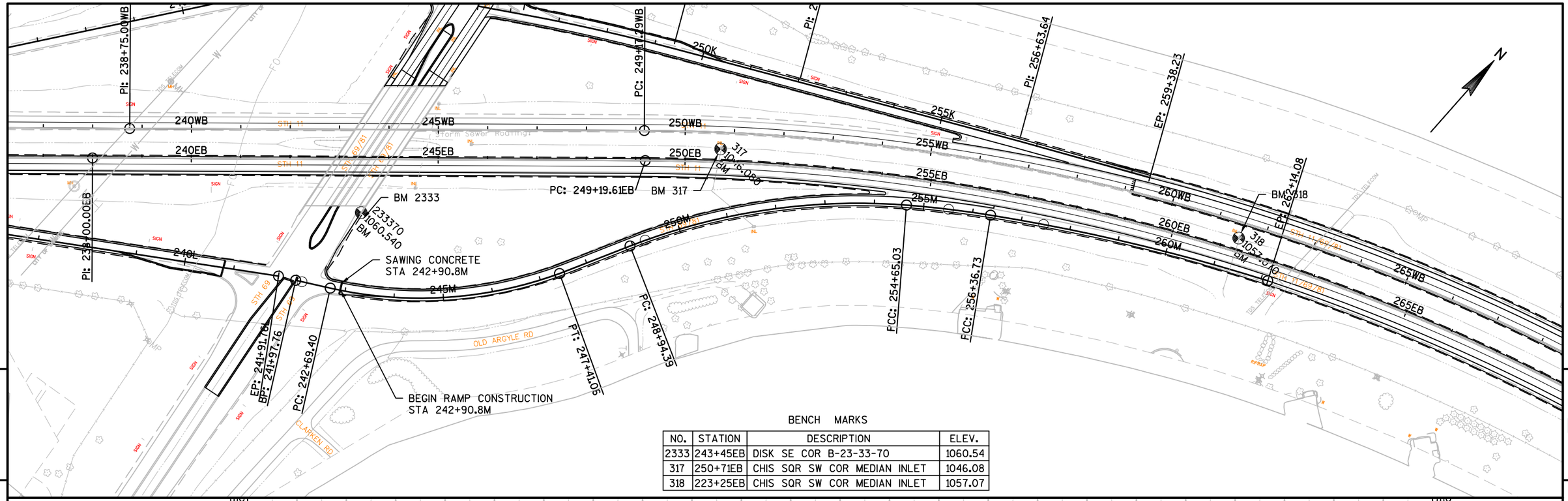


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 81 EB OFF-RAMP L	SHEET 293 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP L

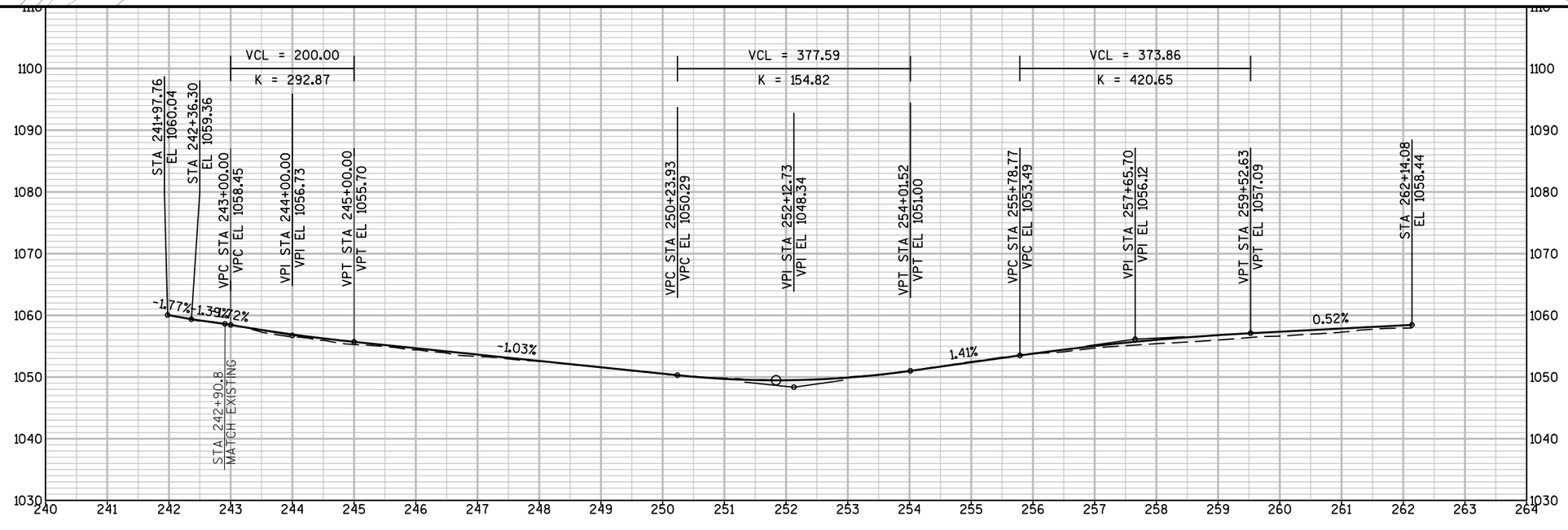
PLOT DATE : 1/31/2018 2:56 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
2333	243+45EB	DISK SE COR B-23-33-70	1060.54
317	250+71EB	CHIS SQR SW COR MEDIAN INLET	1046.08
318	223+25EB	CHIS SQR SW COR MEDIAN INLET	1057.07



1059.97	1060.00	1059.02	1059.17	1058.50
1058.45	1057.27	1057.63	1056.46	1056.90
1055.94	1056.26	1055.27	1055.70	1054.93
1055.18	1054.40	1054.67	1053.87	1054.15
1053.32	1053.63	1052.93	1053.12	1052.54
1052.60	1052.03	1052.09	1051.56	1051.57
1050.99	1051.05	1050.48	1050.54	1050.11
1050.04	1049.83	1049.69	1049.54	1049.50
1049.47	1049.63	1049.61	1050.02	1049.90
1050.30	1050.36	1050.96	1050.98	1051.73
1051.68	1052.50	1052.38	1053.20	1053.09
1053.73	1053.78	1054.08	1054.43	1054.69
1055.02	1055.07	1055.55	1055.40	1056.02
1055.66	1056.43	1056.00	1056.78	1056.39
1056.63	1057.08	1057.33	1056.95	1057.59
1057.27	1057.85	1057.74	1058.11	1057.93
1058.37				

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 81 EB ON-RAMP M	SHEET 294 E

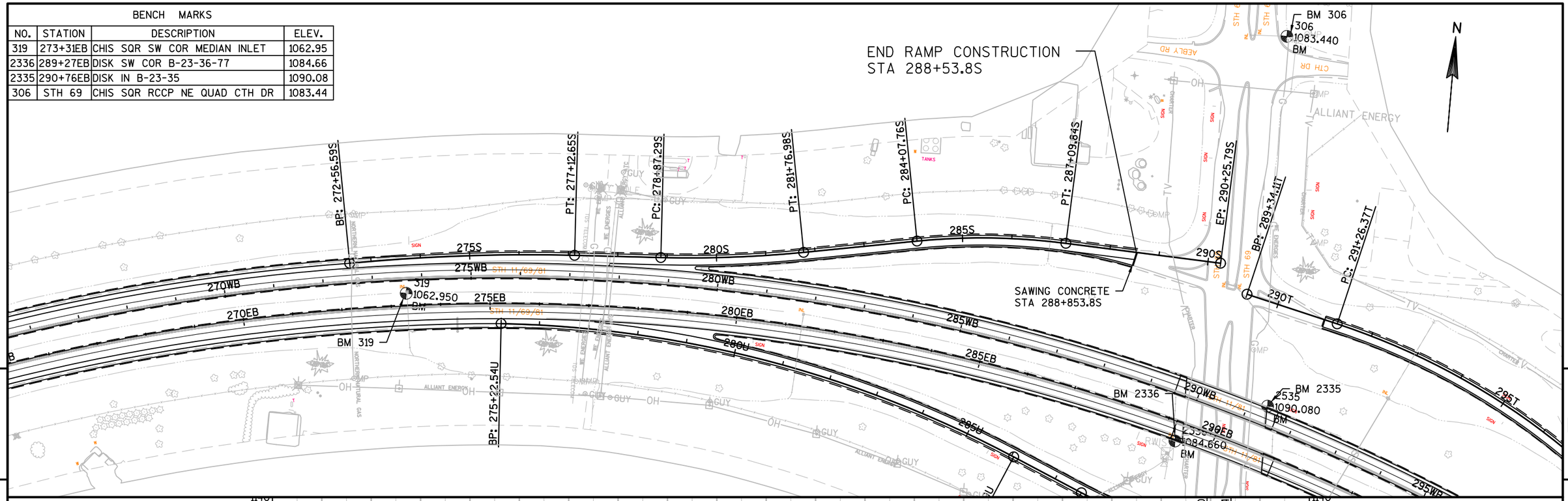
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP M

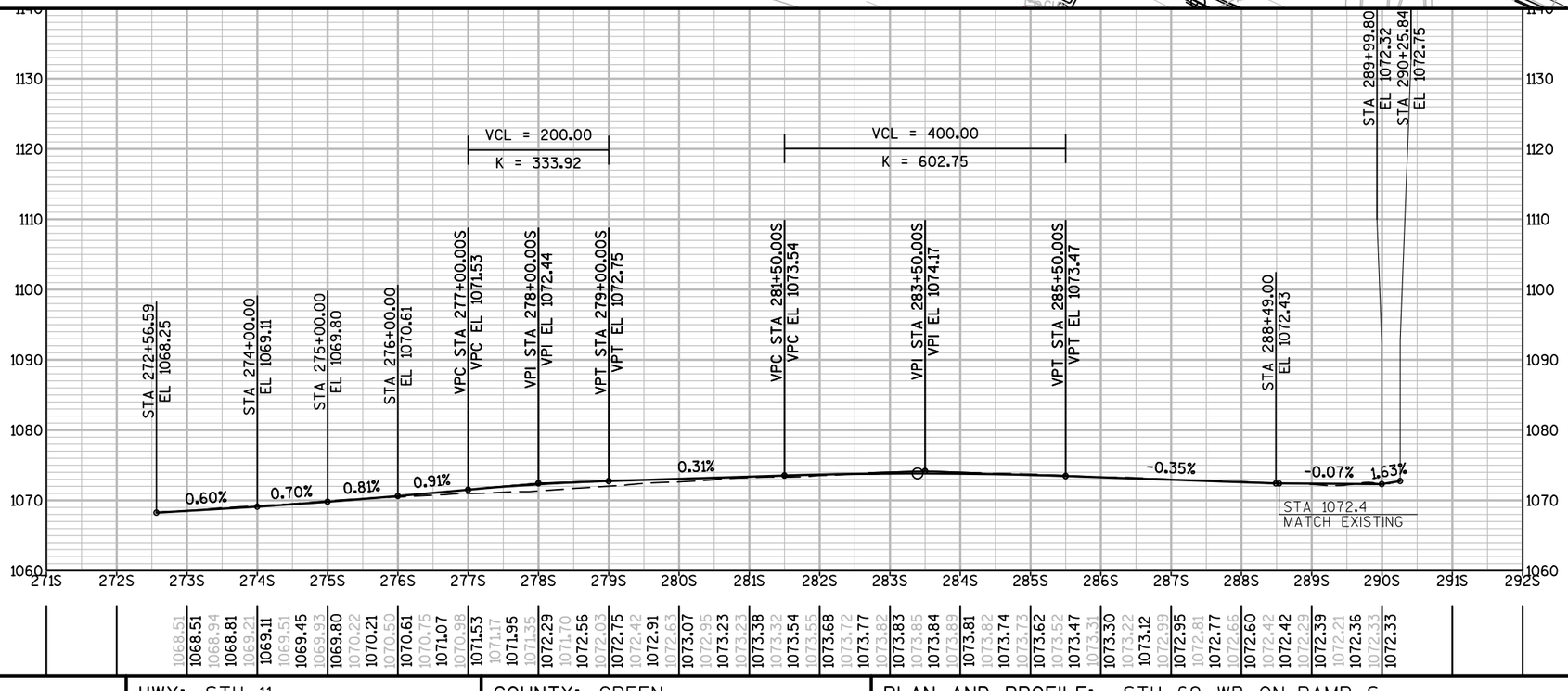
PLOT DATE : 1/31/2018 2:57 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
319	273+31EB	CHIS SQR SW COR MEDIAN INLET	1062.95
2336	289+27EB	DISK SW COR B-23-36-77	1084.66
2335	290+76EB	DISK IN B-23-35	1090.08
306	STH 69	CHIS SQR RCCP NE QUAD CTH DR	1083.44





PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 69 WB ON-RAMP S	SHEET 295	E

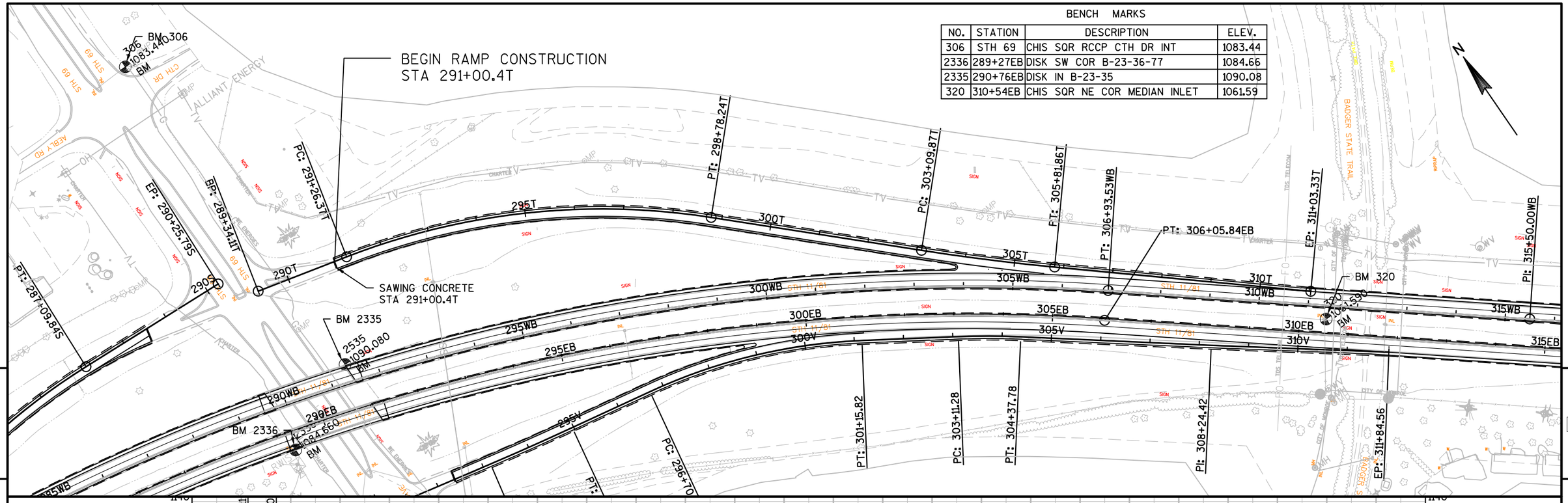
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP S

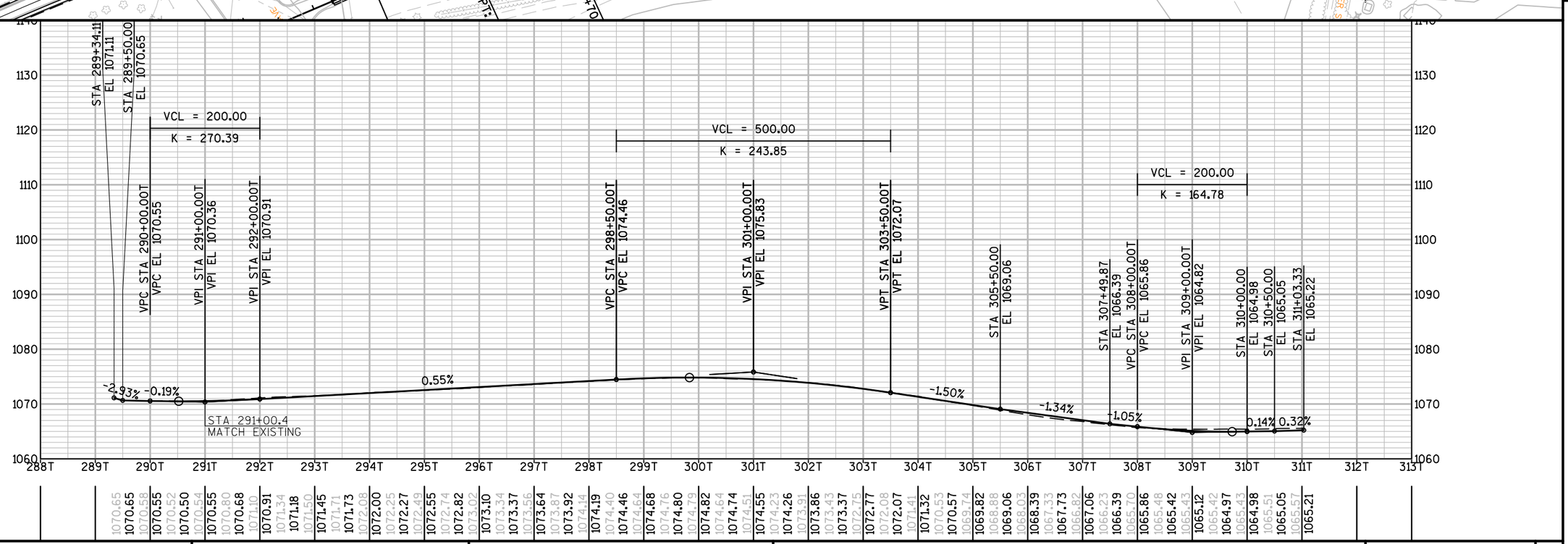
PLOT DATE : 1/31/2018 2:57 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
306	STH 69	CHIS SQR RCCP CTH DR INT	1083.44
2336	289+27EB	DISK SW COR B-23-36-77	1084.66
2335	290+76EB	DISK IN B-23-35	1090.08
320	310+54EB	CHIS SQR NE COR MEDIAN INLET	1061.59



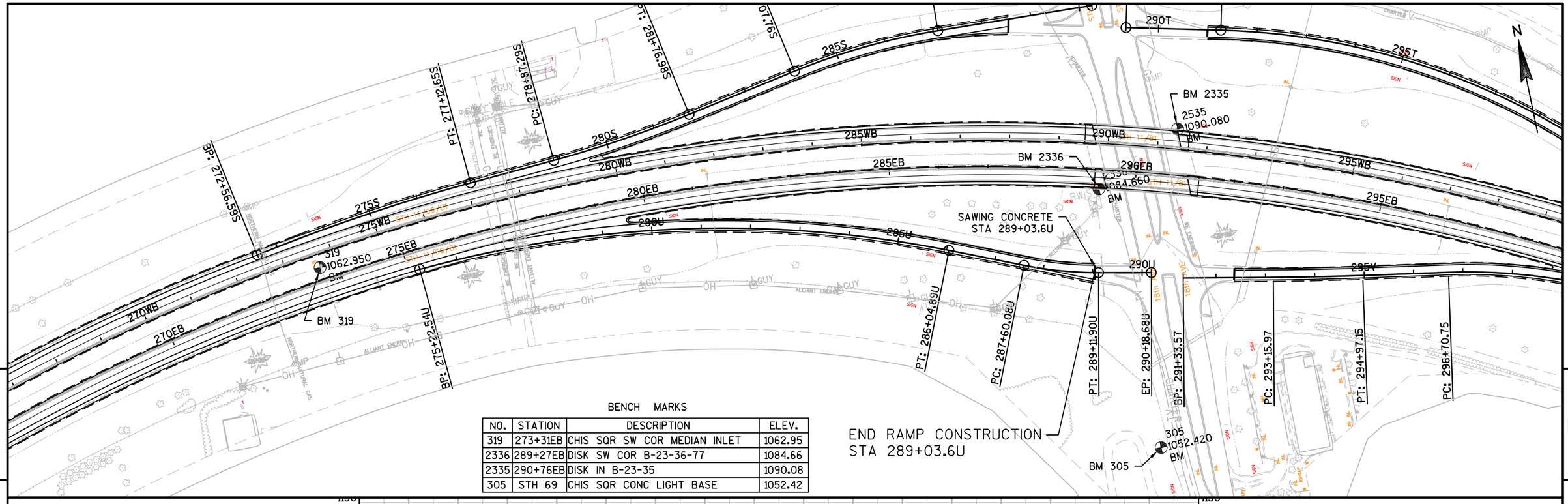


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 69 WB OFF-RAMP T	SHEET 296 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP T

PLOT DATE : 1/31/2018 2:57 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

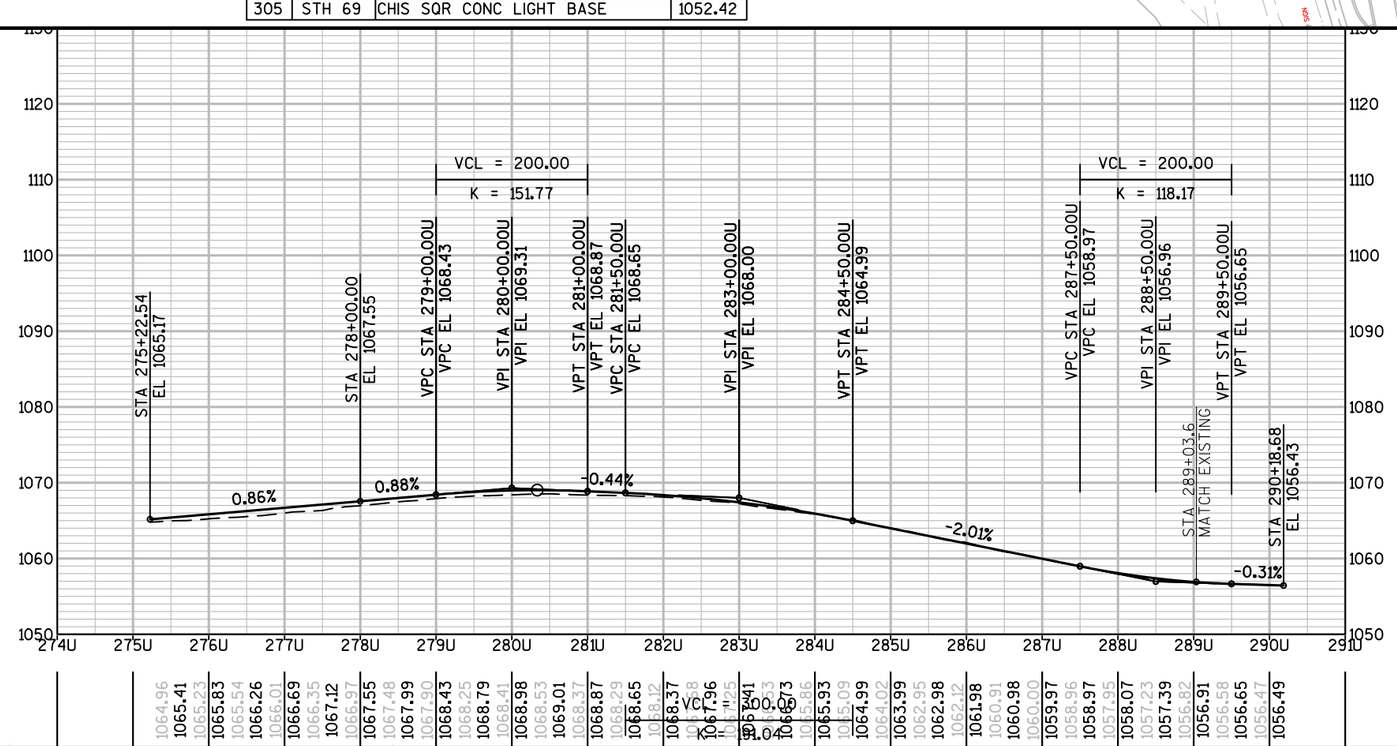
WISDOT/CADDS SHEET 44



BENCH MARKS

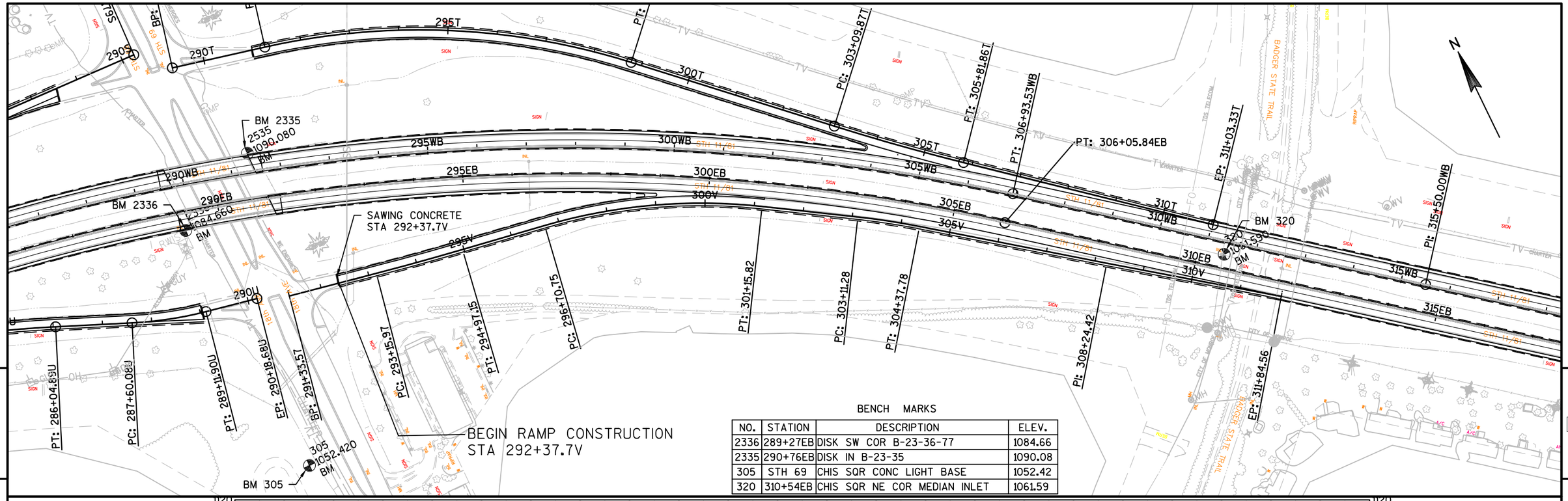
NO.	STATION	DESCRIPTION	ELEV.
319	273+31EB	CHIS SQR SW COR MEDIAN INLET	1062.95
2336	289+27EB	DISK SW COR B-23-36-77	1084.66
2335	290+76EB	DISK IN B-23-35	1090.08
305	STH 69	CHIS SQR CONC LIGHT BASE	1052.42

END RAMP CONSTRUCTION
STA 289+03.6U



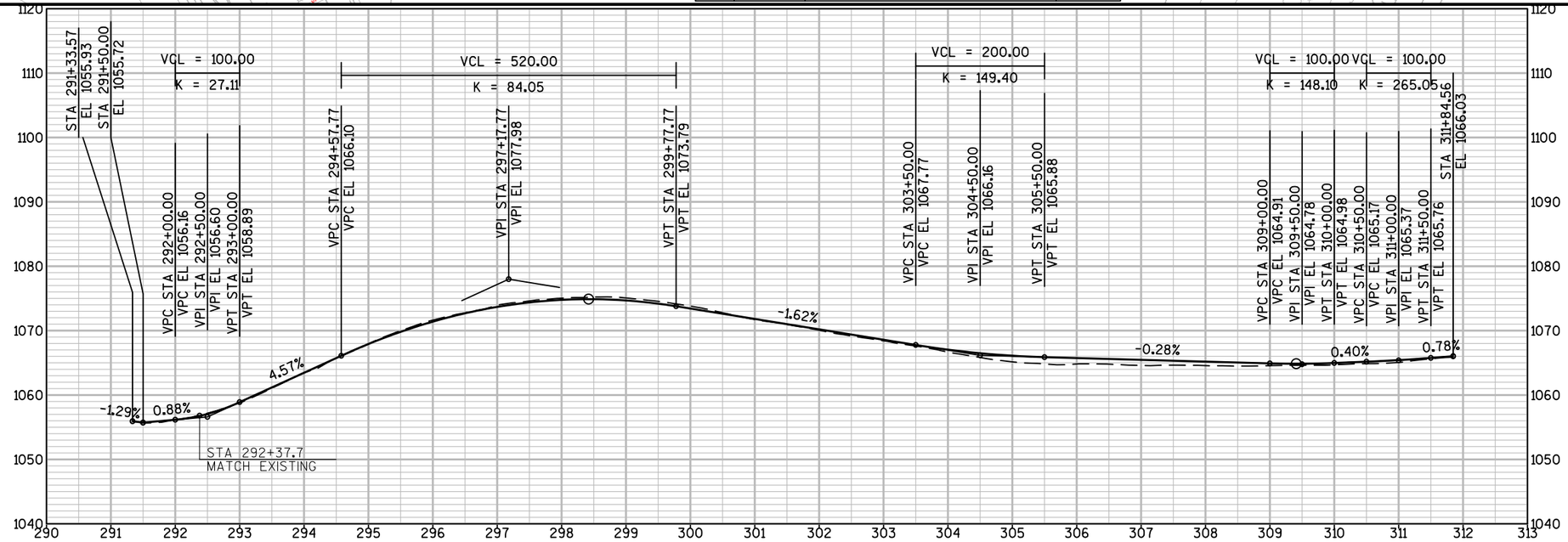
1064.96 1065.41 1065.23 1065.83 1065.54 1066.26 1066.01 1066.69 1066.35 1067.12 1066.97 1067.55 1067.48 1067.99 1067.90 1068.43 1068.25 1068.79 1068.41 1068.98 1068.53 1069.01 1068.37 1068.87 1068.29 1068.65 1068.12 1068.37 1068.08 VC 1067.96 1067.41 TO 0.6 1066.73 1065.93 1065.09 1064.99 1064.02 1063.99 1062.95 1062.98 1062.12 1061.98 1060.91 1060.98 1060.00 1059.97 1058.96 1058.97 1057.95 1058.07 1057.23 1057.39 1056.82 1056.91 1056.58 1056.65 1056.47 1056.49

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 69 EB OFF-RAMP U	SHEET 297 E



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
2336	289+27EB	DISK SW COR B-23-36-77	1084.66
2335	290+76EB	DISK IN B-23-35	1090.08
305	STH 69	CHIS SQR CONC LIGHT BASE	1052.42
320	310+54EB	CHIS SQR NE COR MEDIAN INLET	1061.59

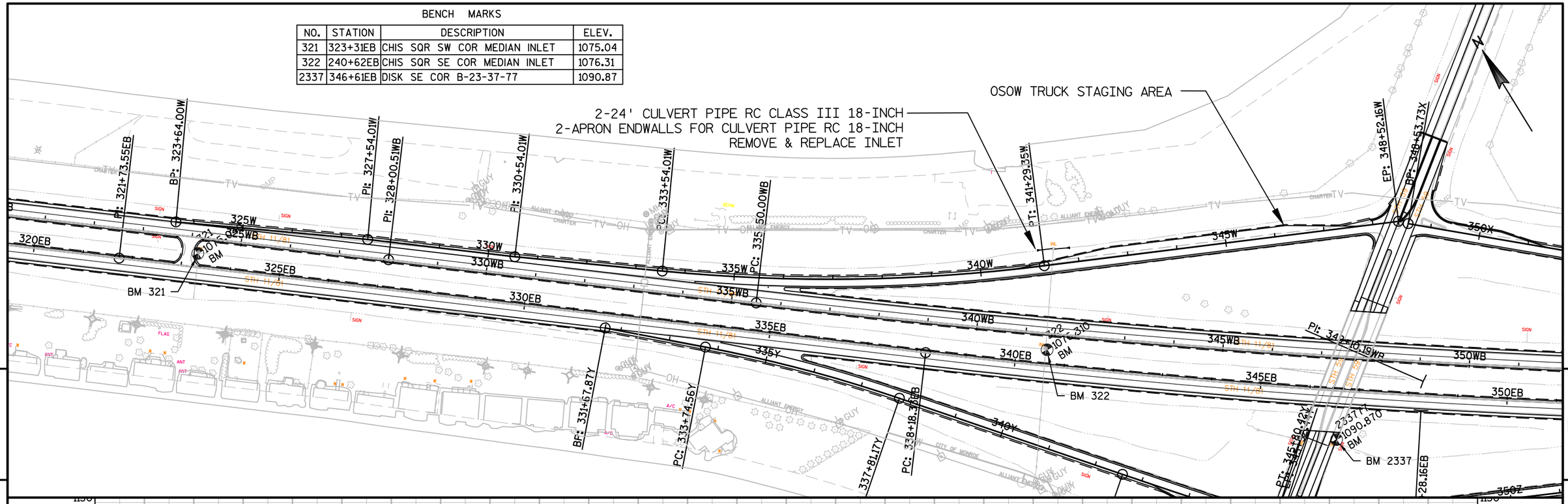


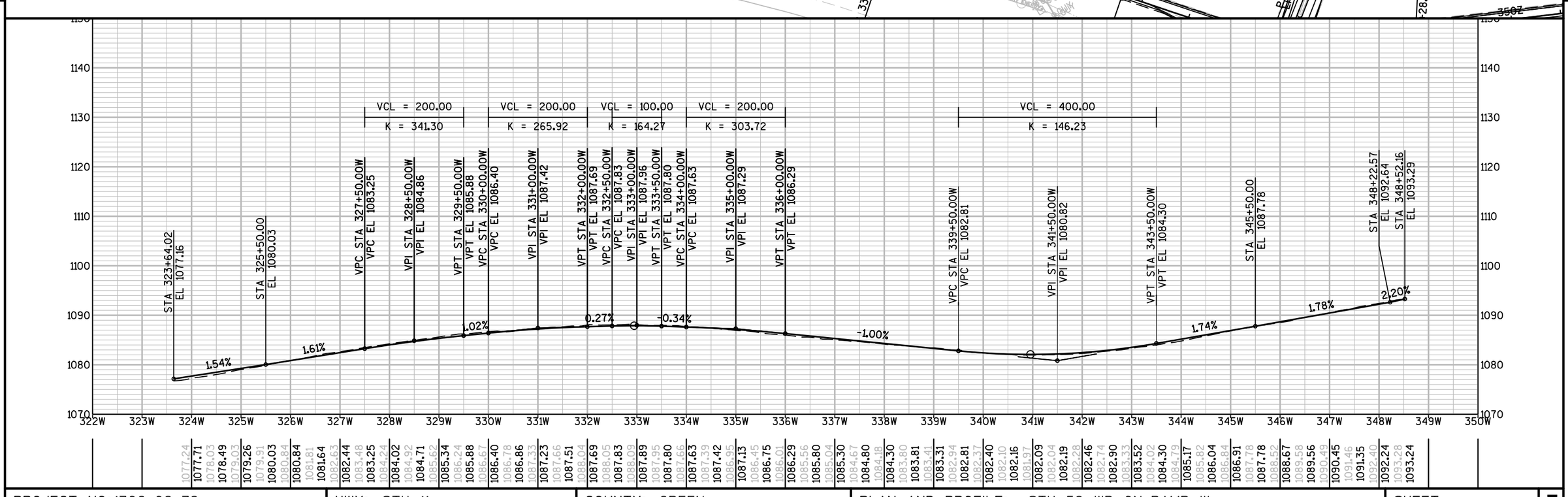
1055.72	1061.05	1066.16	1073.68	1067.77
1055.72	1057.18	1056.22	1074.62	1066.66
1056.16	1063.46	1056.60	1074.38	1065.83
1057.06	1065.74	1058.79	1075.05	1066.49
1058.89	1065.74	1061.17	1074.78	1065.15
1061.17	1067.92	1063.46	1074.88	1066.10
1063.46	1067.92	1065.74	1074.68	1064.83
1065.74	1069.98	1067.92	1074.54	1065.88
1067.92	1069.81	1069.98	1074.19	1064.81
1069.81	1071.63	1069.81	1073.81	1065.74
1071.40	1072.77	1071.40	1073.43	1064.78
1072.69	1073.94	1072.69	1072.79	1065.61
1073.68	1074.62	1073.68	1072.62	1064.59
1074.38	1075.05	1074.38	1071.81	1065.47
1074.78	1075.21	1074.78	1071.71	1064.65
1074.88	1075.07	1074.88	1071.00	1065.33
1074.68	1074.54	1074.68	1070.95	1064.56
1074.19	1073.81	1074.19	1070.06	1065.19
1073.43	1072.79	1073.43	1070.20	1064.49
1072.62	1071.71	1072.62	1069.17	1065.05
1071.81	1070.95	1071.81	1069.39	1064.56
1071.00	1070.06	1071.00	1068.41	1064.91
1070.20	1069.17	1070.20	1068.58	1064.63
1069.39	1068.41	1069.39	1067.62	1064.86
1068.58	1067.62	1068.58	1067.77	1064.69
1067.77	1066.66	1067.77	1067.05	1064.98
1067.05	1065.83	1067.05	1066.49	1064.87
1066.49	1065.15	1066.49	1066.10	1065.17
1066.10	1064.83	1066.10	1065.88	1065.06
1065.88	1064.81	1065.88	1065.74	1065.42
1065.74	1064.78	1065.74	1065.61	1065.62
1065.61	1064.59	1065.61	1065.47	1065.76
1065.47	1064.65	1065.47	1065.33	
1065.33	1064.56	1065.33	1065.19	
1065.19	1064.49	1065.19	1065.05	
1065.05	1064.56	1064.91	1064.91	
1064.91	1064.63	1064.86	1064.86	
1064.86	1064.69	1064.98	1064.98	
1064.98	1064.87	1065.17	1065.17	
1065.17	1065.06	1065.42	1065.42	
1065.42	1065.62	1065.76	1065.76	
1065.76				

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 69 EB ON-RAMP V	SHEET 298 E

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
321	323+31EB	CHIS SQR SW COR MEDIAN INLET	1075.04
322	240+62EB	CHIS SQR SE COR MEDIAN INLET	1076.31
2337	346+61EB	DISK SE COR B-23-37-77	1090.87

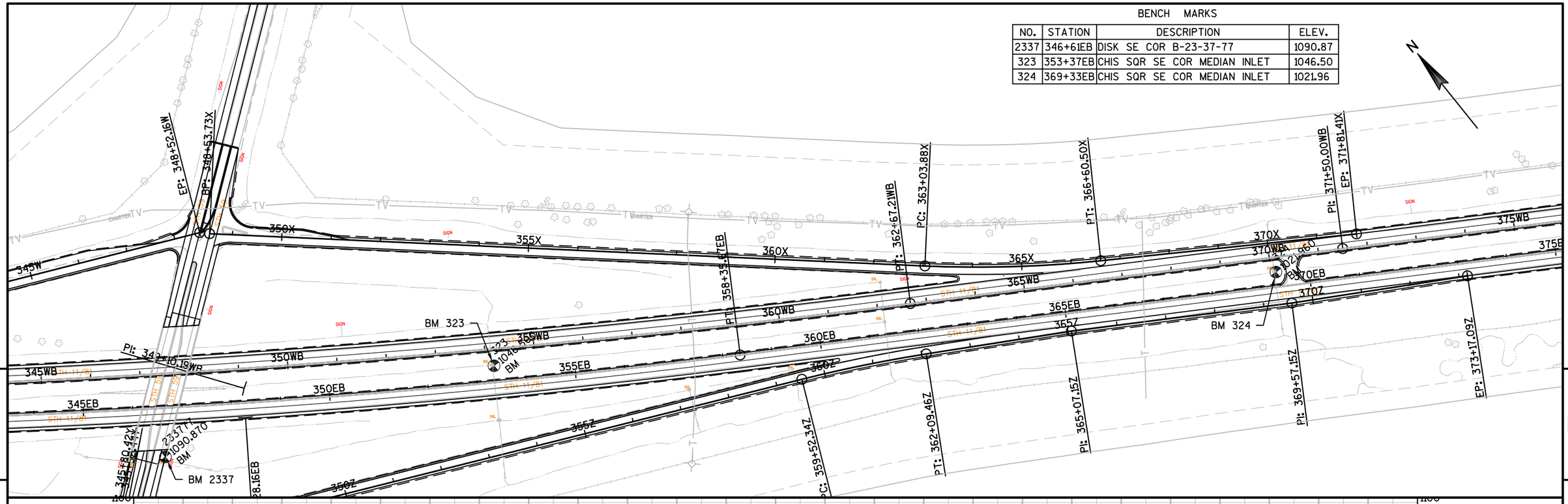


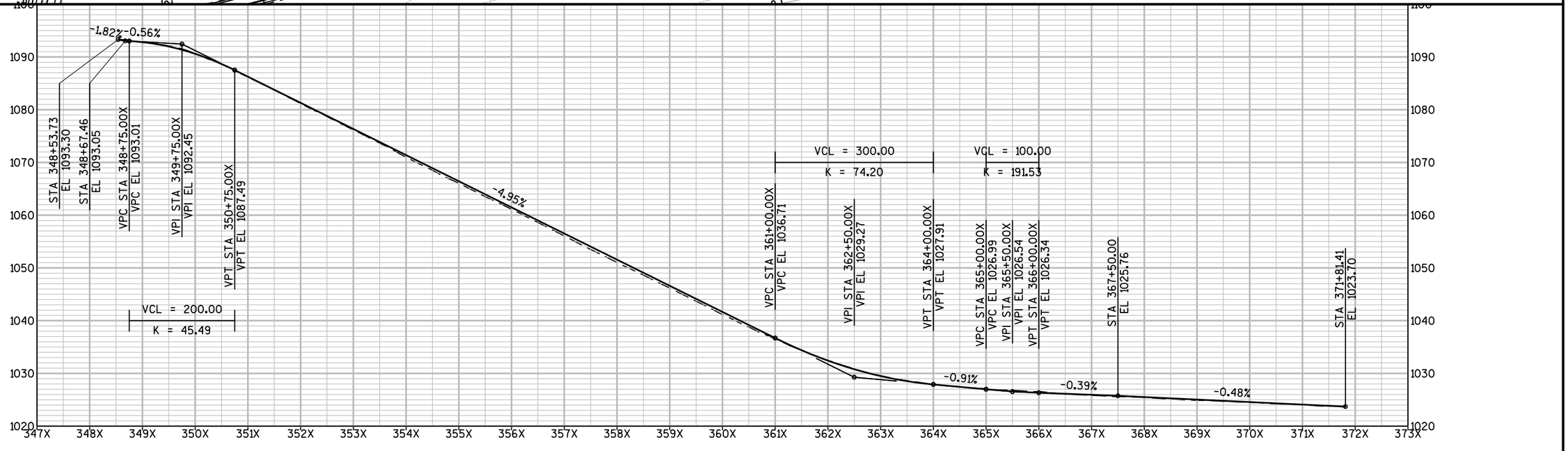


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 59 WB ON-RAMP W	SHEET 299	E

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
2337	346+61EB	DISK SE COR B-23-37-77	1090.87
323	353+37EB	CHIS SQR SE COR MEDIAN INLET	1046.50
324	369+33EB	CHIS SQR SE COR MEDIAN INLET	1021.96

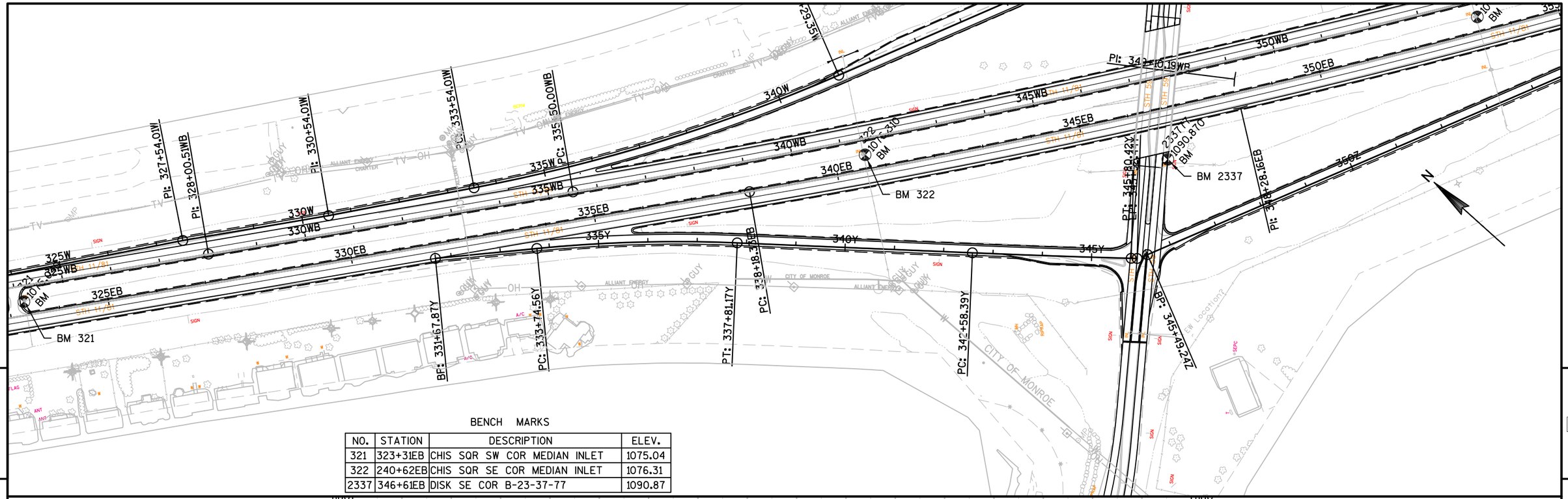




PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 59 WB OFF-RAMP X	SHEET 300 E

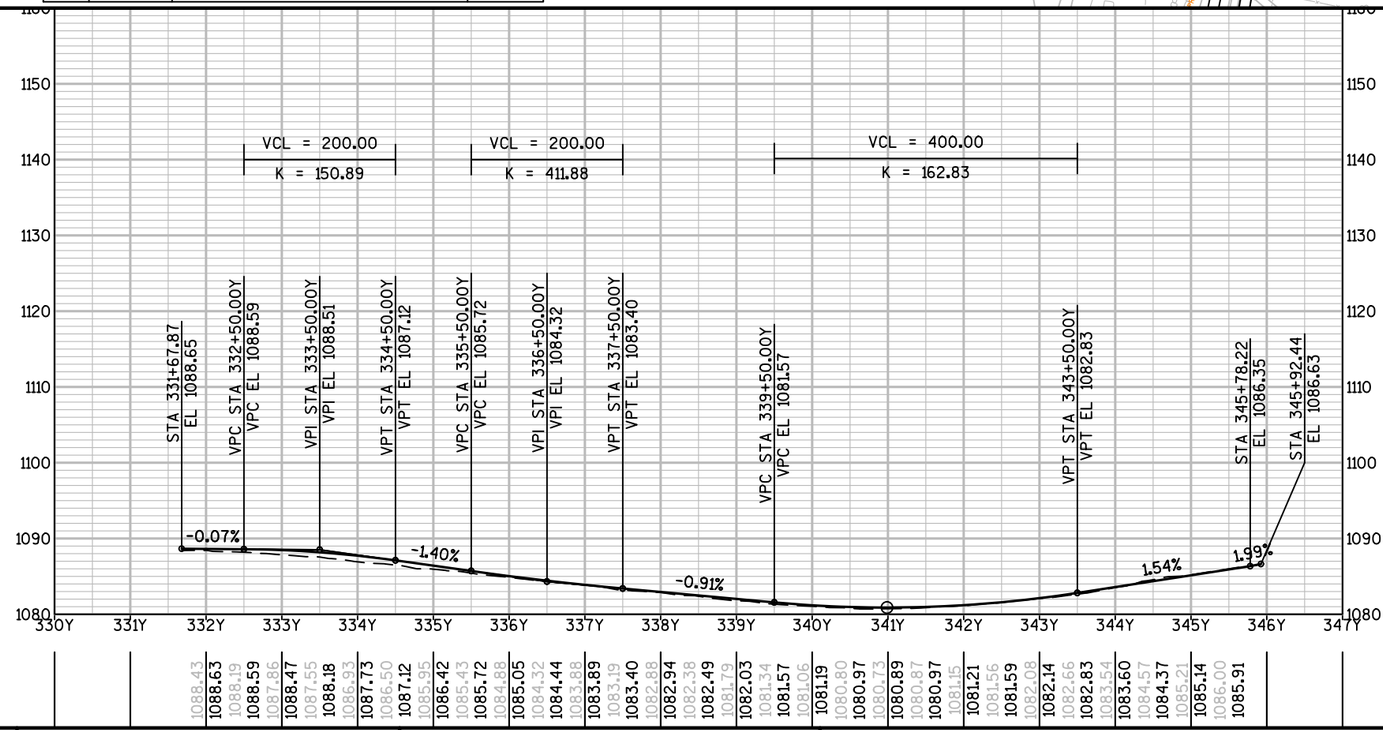
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP X

PLOT DATE : 1/31/2018 2:59 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

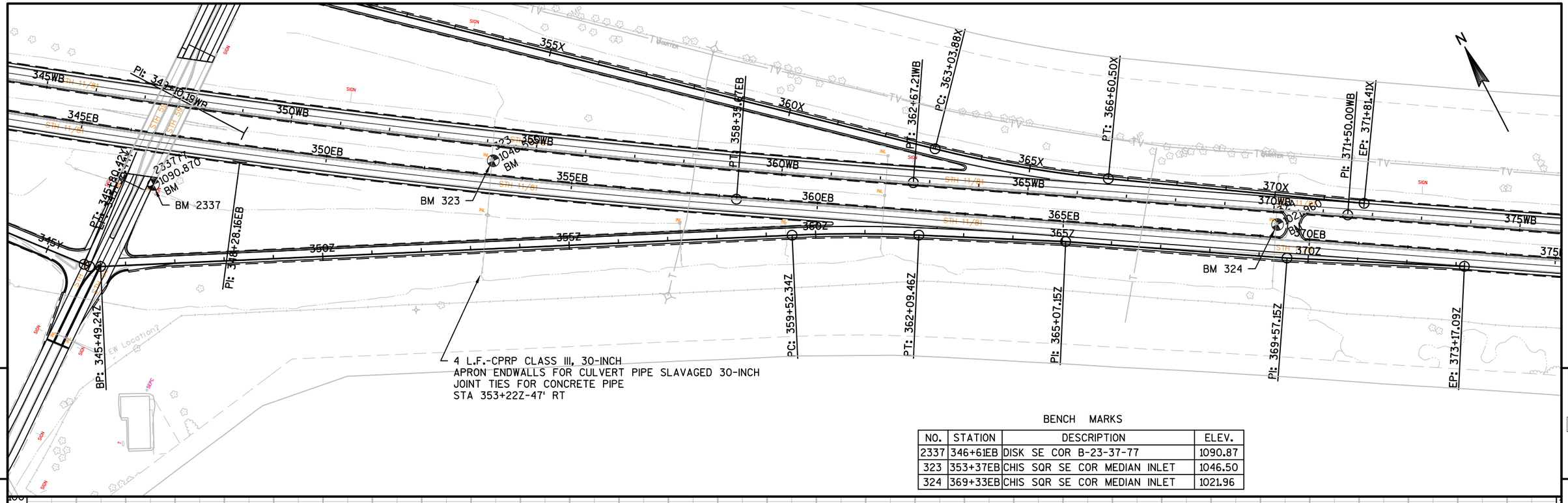


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
321	323+31EB	CHIS SQR SW COR MEDIAN INLET	1075.04
322	240+62EB	CHIS SQR SE COR MEDIAN INLET	1076.31
2337	346+61EB	DISK SE COR B-23-37-77	1090.87



| | | |



BENCH MARKS

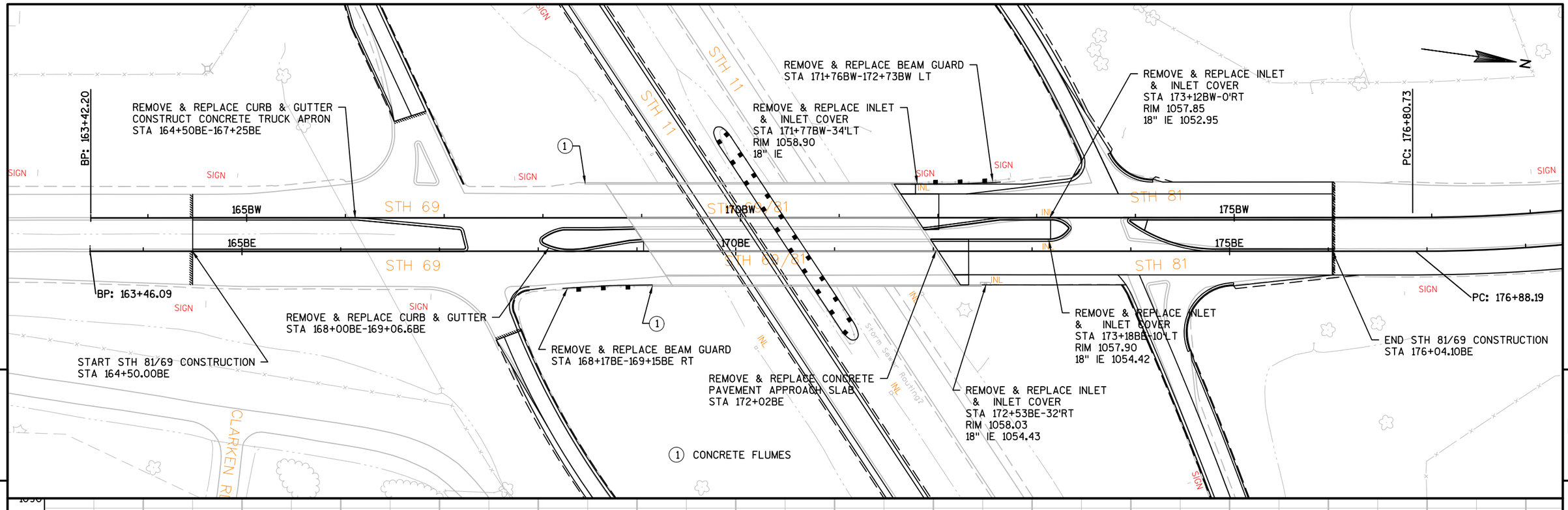
NO.	STATION	DESCRIPTION	ELEV.
2337	346+61EB	DISK SE COR B-23-37-77	1090.87
323	353+37EB	CHIS SQR SE COR MEDIAN INLET	1046.50
324	369+33EB	CHIS SQR SE COR MEDIAN INLET	1021.96

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 59 EB ON-RAMP Z	SHEET 302 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11RAMPS.DWG
LAYOUT NAME - RAMP Z

PLOT DATE : 1/31/2018 2:59 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

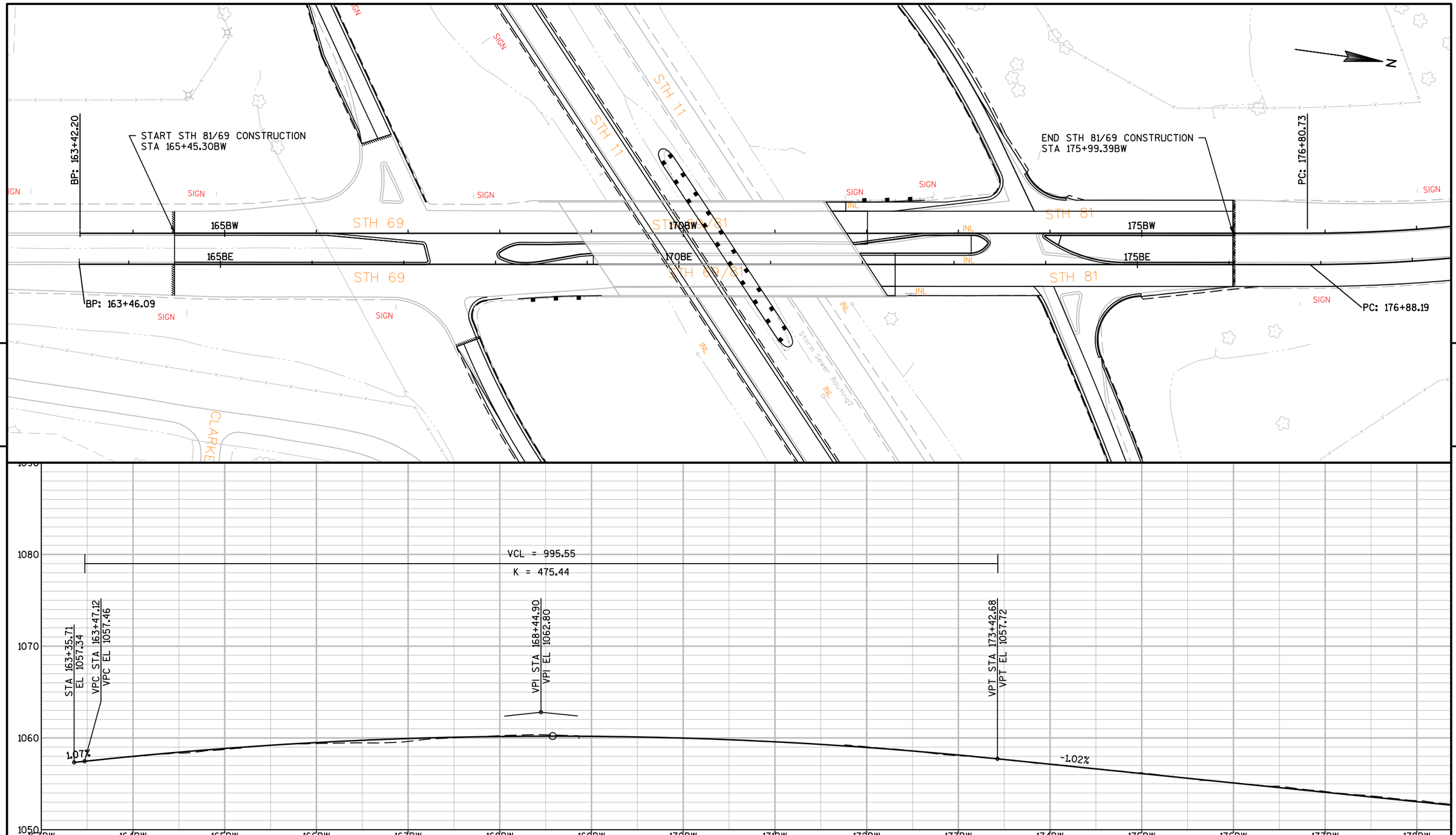


PROJECT NO: 1706-02-02	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 81 BE	SHEET 303 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH81-59.DWG
LAYOUT NAME - 050201_PP_STH81-59 - STH81BE

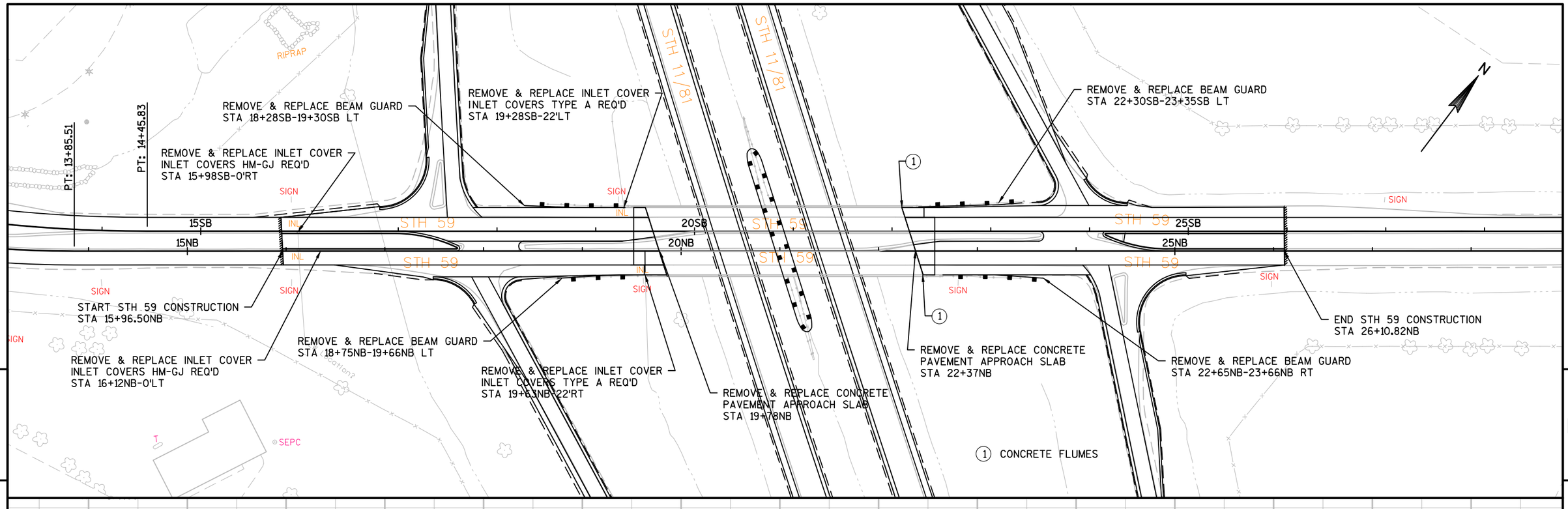
PLOT DATE : 1/26/2018 12:55 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 81 BW	SHEET 304 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH81-59.DWG
LAYOUT NAME - 050201_PP_STH81-59 - STH81BW
PLOT DATE : 1/26/2018 12:55 PM PLOT BY : OLSON, RICHARD J PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO:1706-02-72	HWY: STH 59 NB	COUNTY: GREEN	PLAN AND PROFILE: STH 59 NB	SHEET 305 E

START STH 59 CONSTRUCTION
STA 15+81.98SB

END STH 59 CONSTRUCTION
STA 25+97.20SB

PT: 13+85.51

PT: 14+45.83

15SB

15NB

20SB

20NB

25SB

25NB

STH 59

STH 11/81

RIPRAP

SIGN

INL

EW Location?

SEPC

T

1.03%

VPI STA 14+21.62
VPI EL 1082.96

VPT STA 18+24.65
VPT EL 1087.09

VPC STA 26+33.80
VPC EL 1095.39

VCL = 806.92

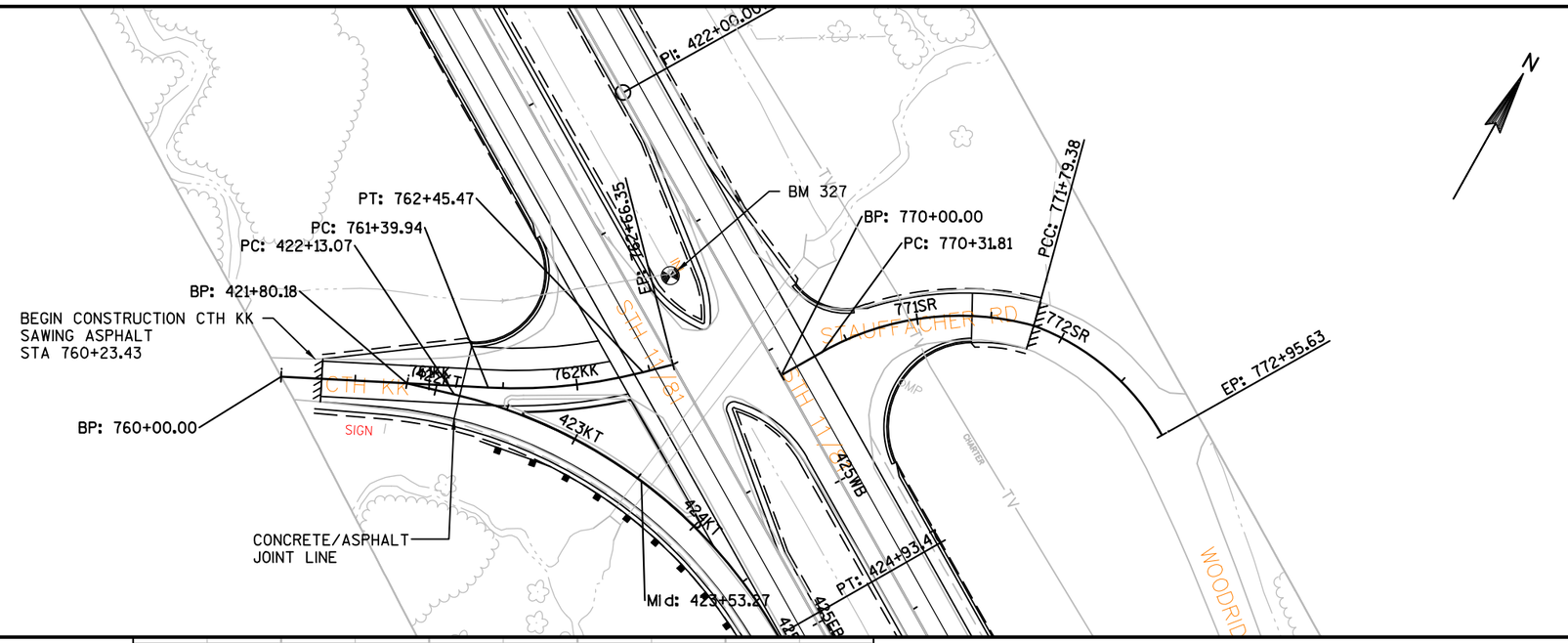
K = 200.15

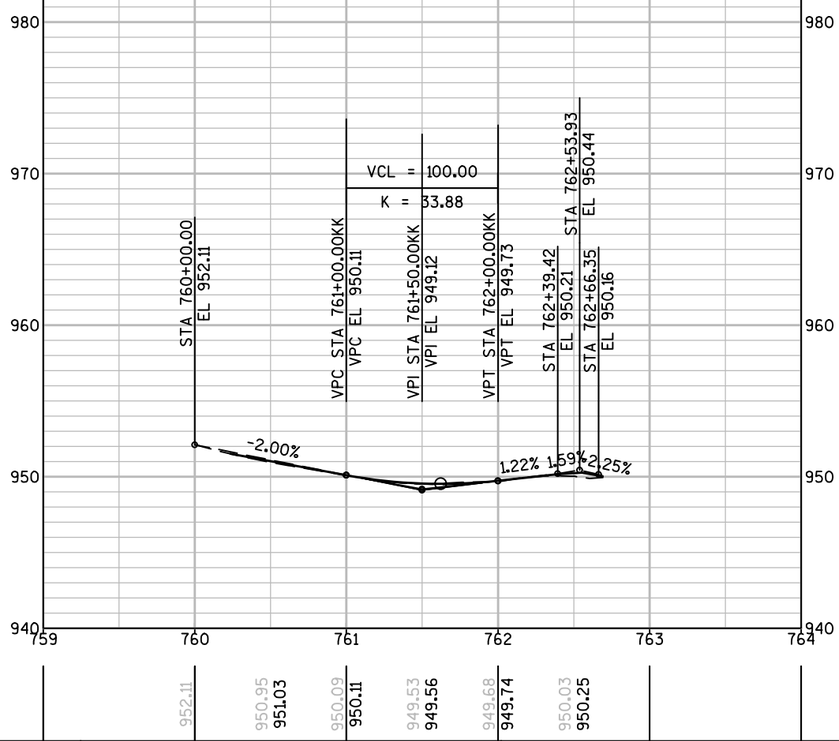
14SB	15SB	16SB	17SB	18SB	19SB	20SB	21SB	22SB	23SB	24SB	25SB	26SB	27SB	28SB
1088.59	1087.83	1087.22	1086.74	1086.41	1086.21	1086.16	1086.25	1086.48	1086.86	1087.35	1087.86	1088.38	1088.89	1089.40	1089.92	1090.43	1090.94	1091.45	1091.97	1092.48	1092.99	1093.50	1094.02	1094.53	1095.04	1095.55	1095.96	1096.24	1096.40	1096.44
1088.59	1087.83	1087.22	1086.74	1086.41	1086.21	1086.16	1086.25	1086.48	1086.86	1087.35	1087.86	1088.38	1088.89	1089.40	1089.92	1090.43	1090.94	1091.45	1091.97	1092.48	1092.99	1093.50	1094.02	1094.53	1095.04	1095.55	1095.96	1096.24	1096.40	1096.44

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STH 59 SB	SHEET 306	E

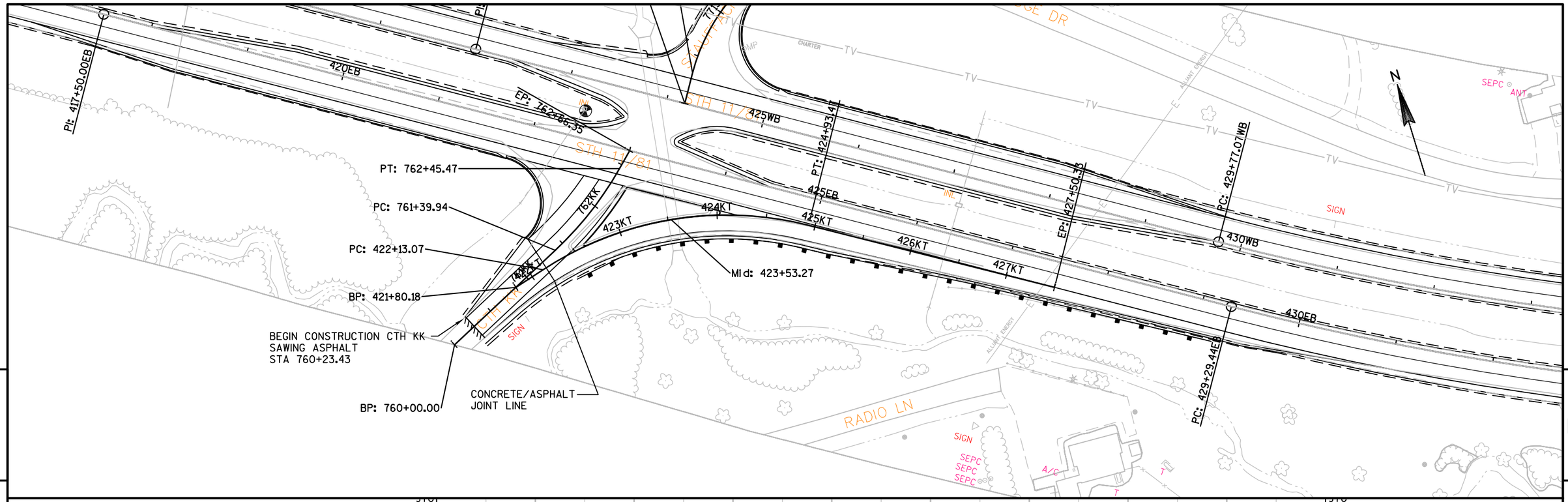
BENCH MARKS

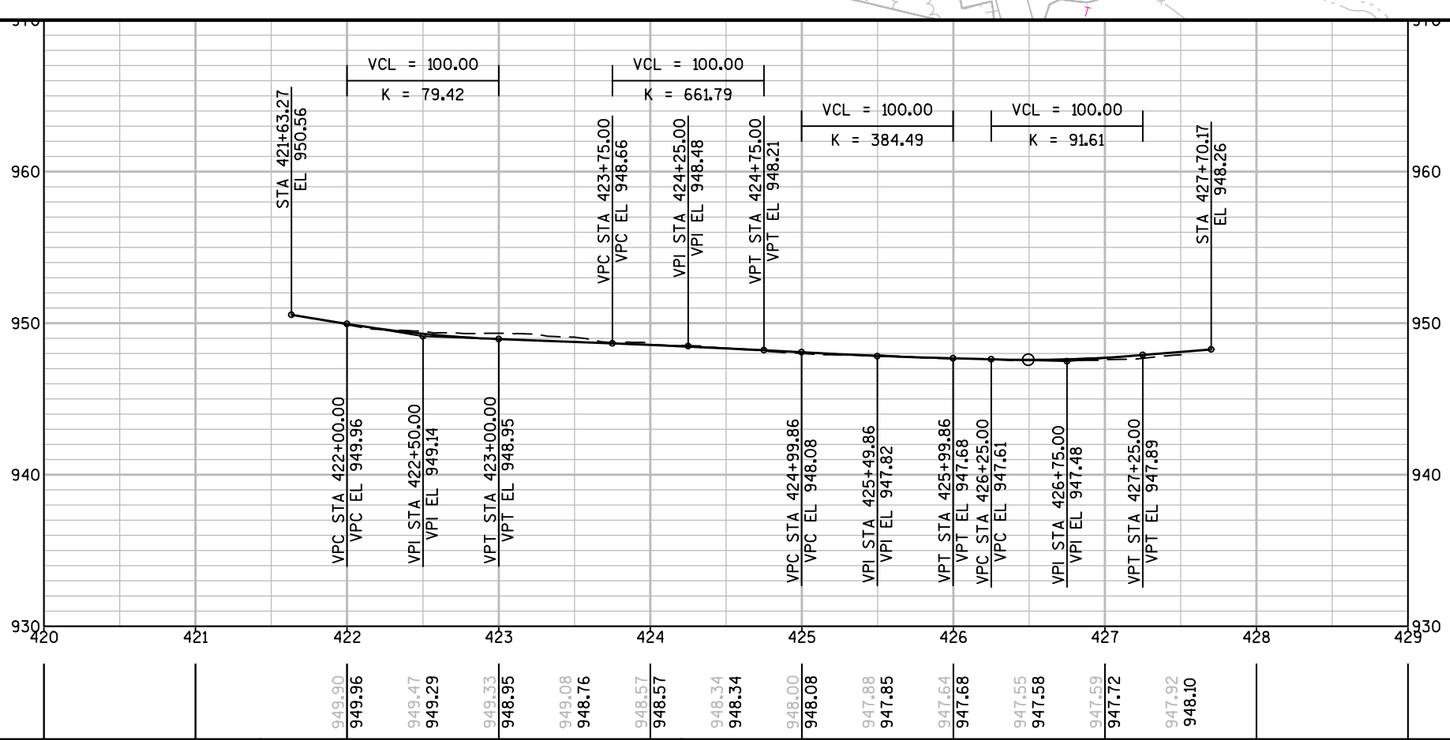
NO.	STATION	DESCRIPTION	ELEV.
327	422+47EB	CHIS SQR SE COR MEDIAN INLET	948.31





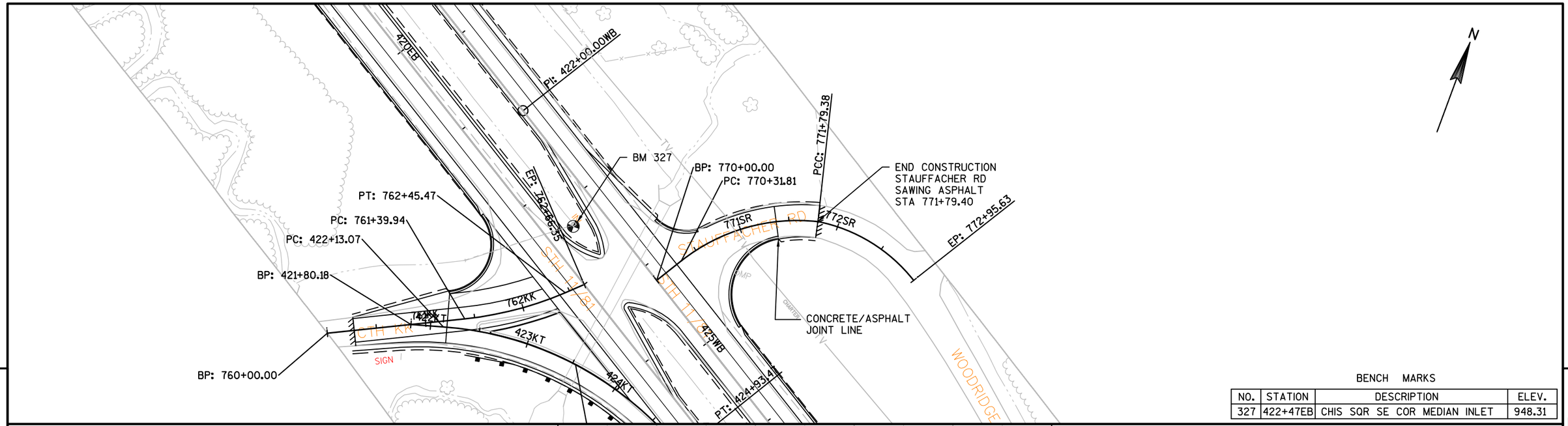
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CTH KK	SHEET 307	E





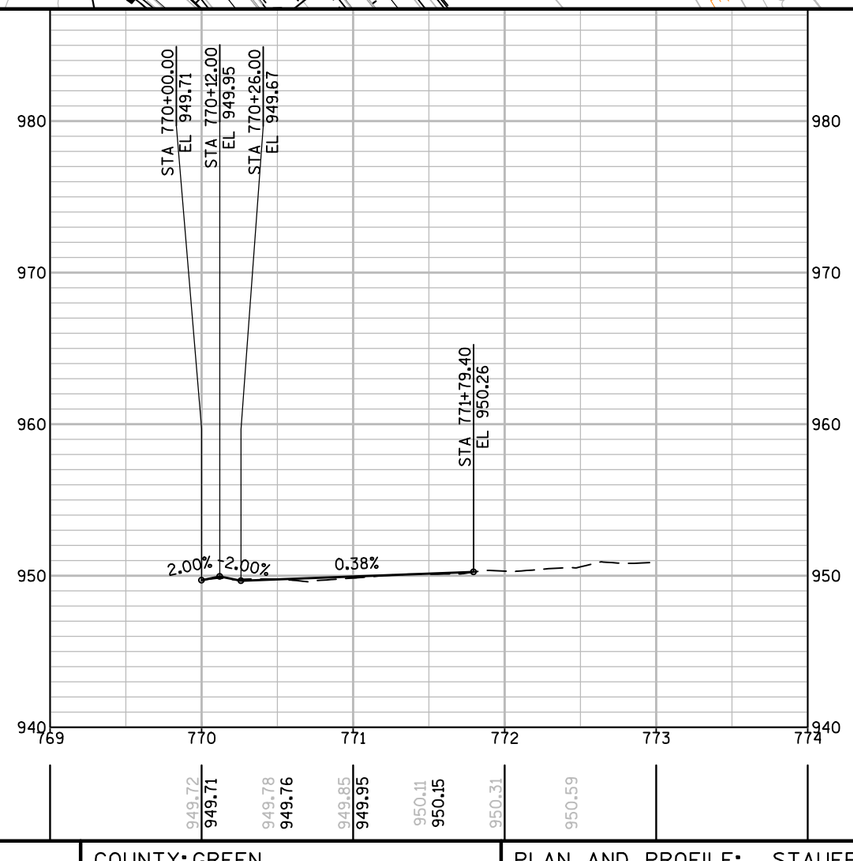
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CTH KK RIGHT TURN LANE	SHEET 308 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11MAINLINE&INTERSECTIONS.DWG
LAYOUT NAME - 050201_PP_STH11MAINLINE&INTERSECTIONS - CTHKK16'RTTURN
PLOT DATE : 1/17/2018 3:31 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

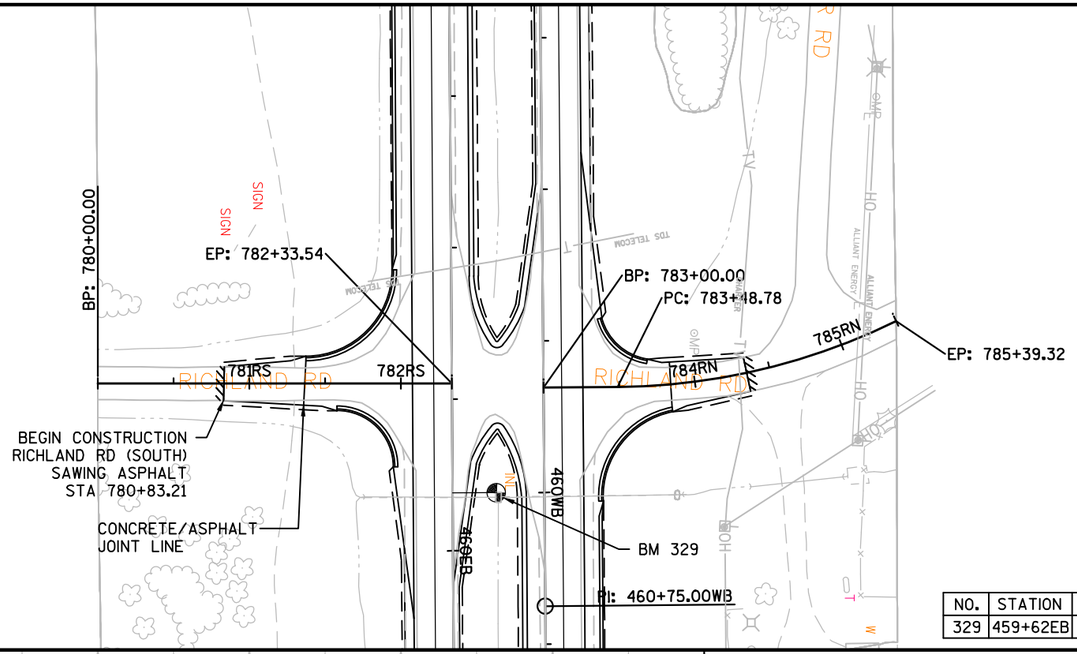


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
327	422+47EB	CHIS SQR SE COR MEDIAN INLET	948.31

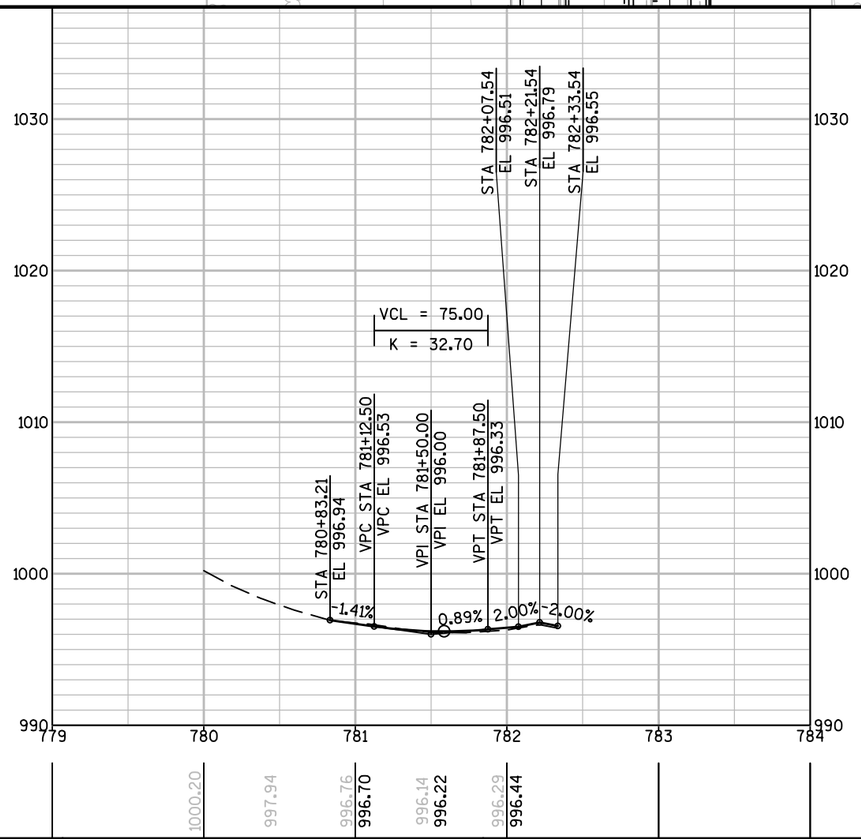


PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: STAUFFACHER RD	SHEET 309	E

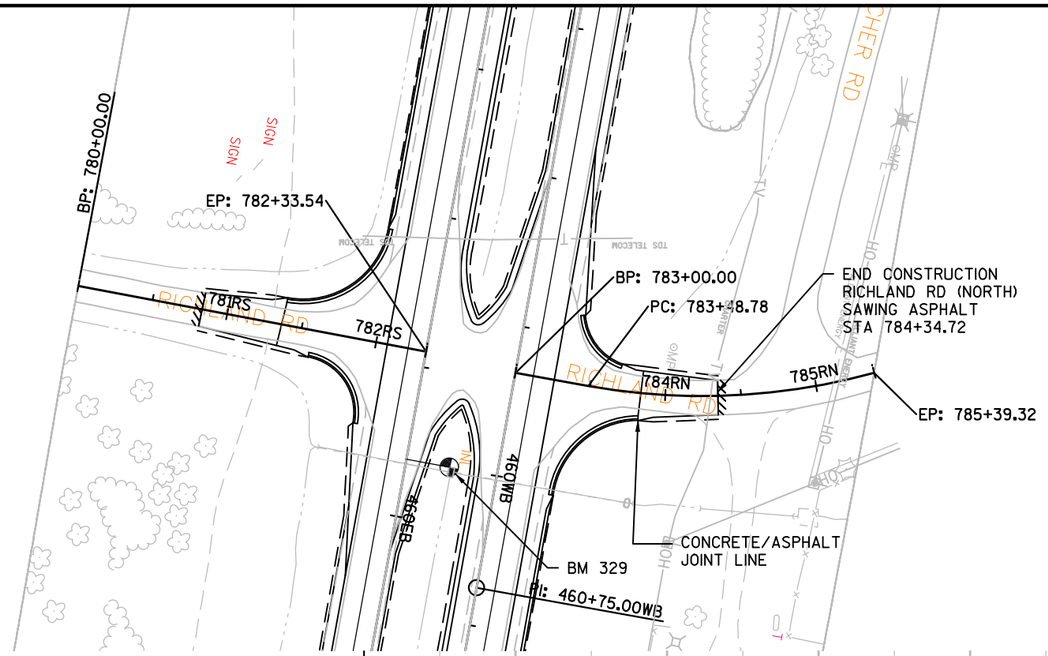


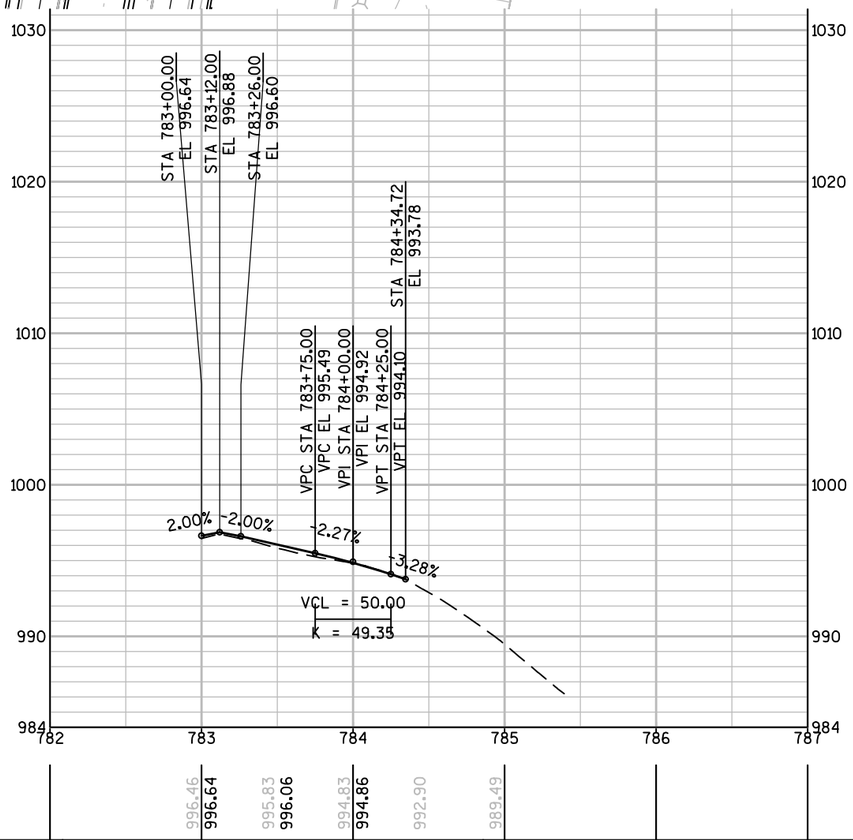
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
329	459+62EB	CHIS SQR SW COR MEDIAN INLET	994.87



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: RICHLAND RD (SOUTH)	SHEET 310	E

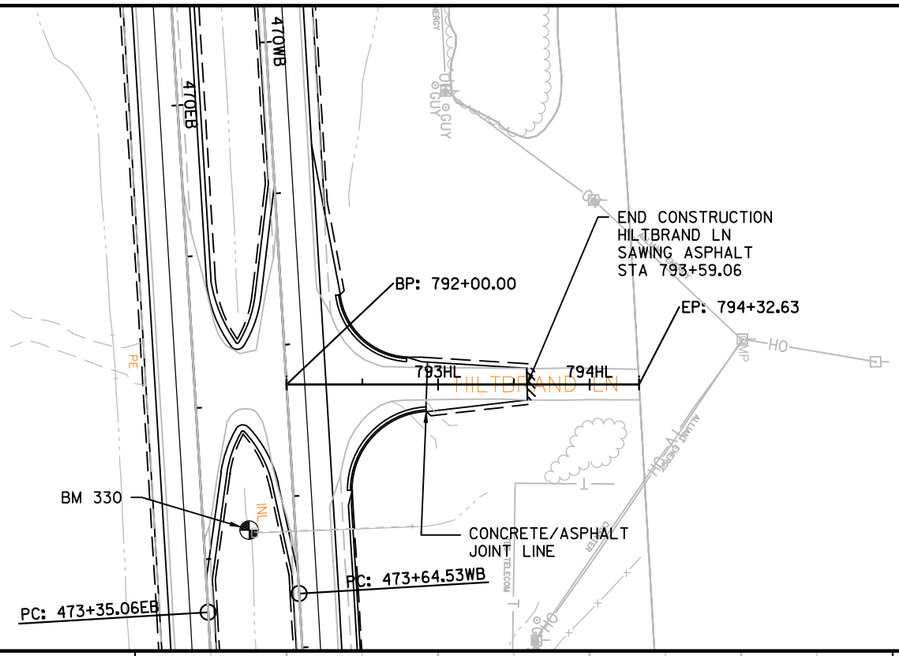




BENCH MARKS

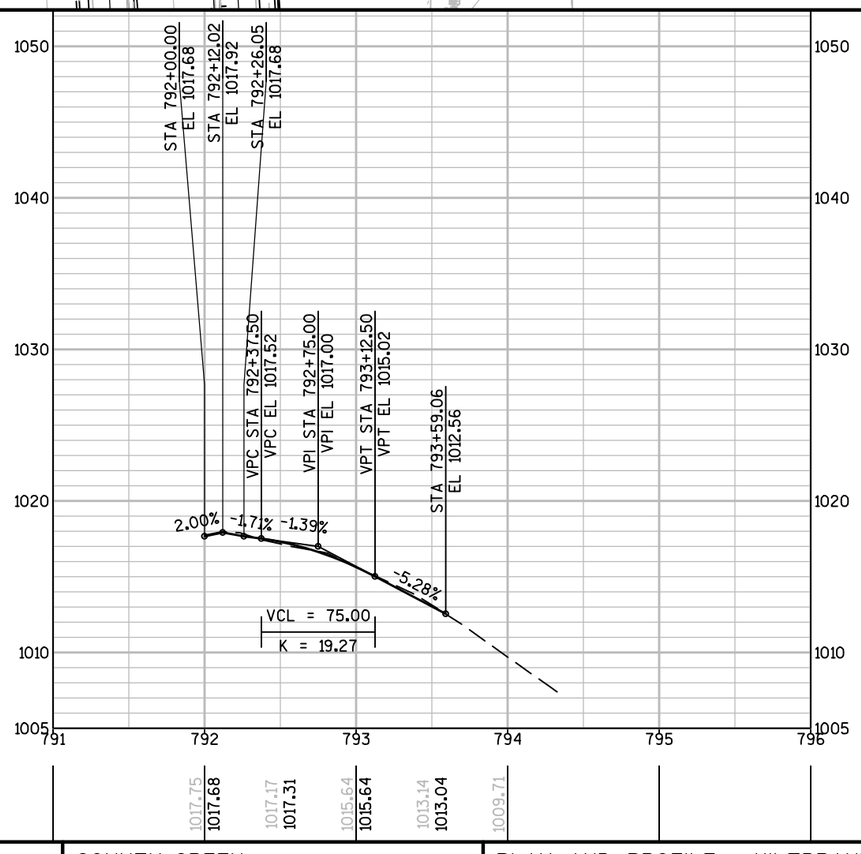
NO.	STATION	DESCRIPTION	ELEV.
329	459+62EB	CHIS SQR SW COR MEDIAN INLET	994.87

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: RICHLAND RD (NORTH)	SHEET 311	E

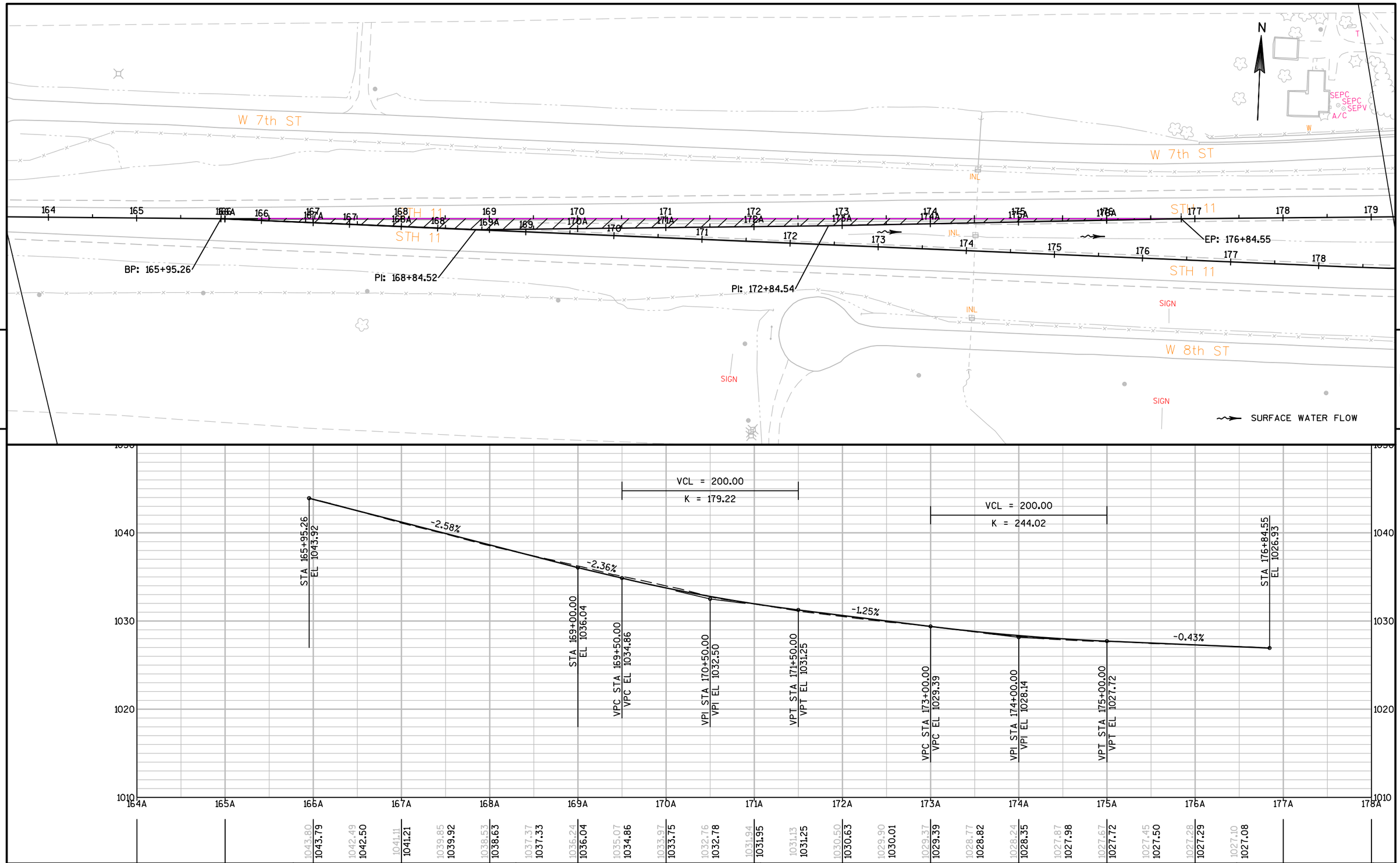


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
330	472+83EB	CHIS SQR SW COR MEDIAN INLET	1016.49



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: HILTBRAND LN	SHEET 312	E



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER A - MAINLINE WEST	SHEET 313 E

BP: 211+55.65

BP: 211+35.72

PI: 210+75.00

PI: 214+25.00

PC: 216+59.88

PC: 216+60.69

PT: 217+76.84

PT: 217+82.76

PI: 218+25.00

PI: 218+24.64

PI: 219+82.76

PI: 222+00.00

PI: 222+96.16

PI: 221+99.75

EP: 221+83.12

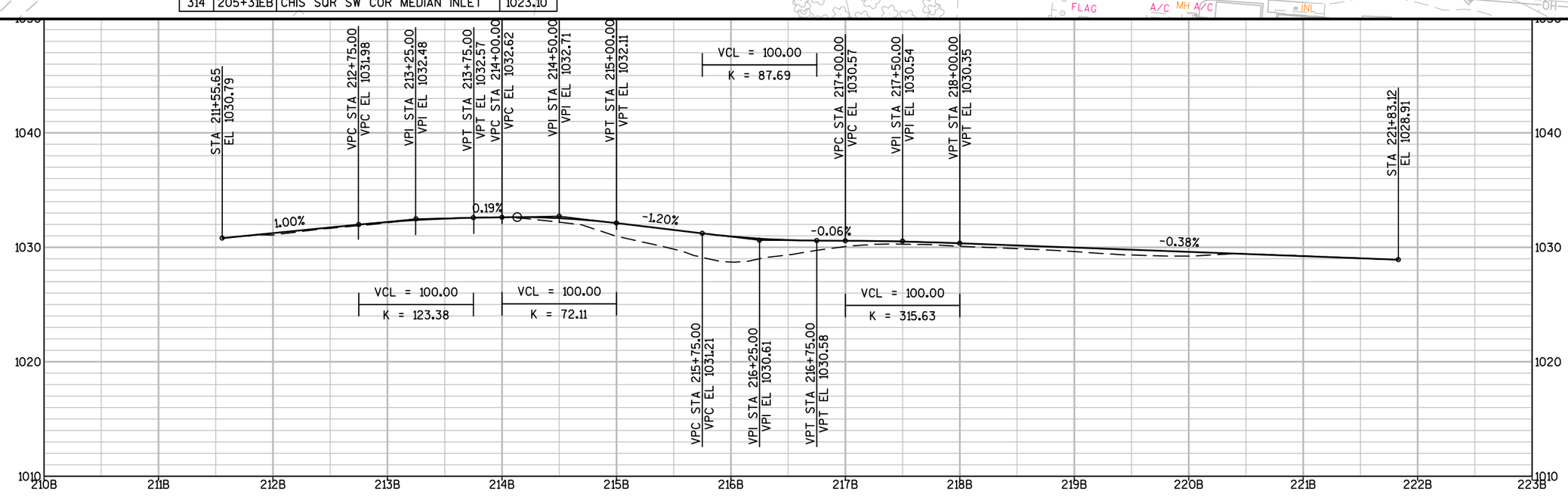
STH 11

REMOVE MAINTENANCE CROSSOVER AND
DIRECT MEDIAN DRAINAGE WESTBOUND
STA 212+80

SURFACE WATER FLOW

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
314	205+31EB	CHIS SQR SW COR MEDIAN INLET	1023.10



PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER B - CTH N WB OFF-RAMP	SHEET 314 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO B-CTHNWBOFFRAMP

PLOT DATE : 4/5/2018 12:06 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

BP: 211+55.65

PI: 210+75.00

211+35.72

REMOVE MAINTENANCE CROSSOVER AND
DIRECT MEDIAN DRAINAGE WESTBOUND
STA 212+80

PI: 214+25.00

PC: 216+59.88

PC: 216+60.69

PT: 217+76.84

PT: 217+82.76

PI: 218+25.00

PI: 218+24.64

PI: 219+82.76

PI: 222+00.00

PI: 221+99.75

EP: 221+83.12

PI: 222+96.16

EP: 225+96.40

STH 11

SIGN

OH

GUY

ALLIANT ENERGY

INL

FLAG

A/C MH A/C

SURFACE WATER FLOW

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
314	205+31EB	CHIS SQR SW COR MEDIAN INLET	1023.10

STA 211+35.72
EL 1030.64

VPC STA 211+50.00
VPC EL 1030.75

VPI STA 212+00.00
VPI EL 1031.13

VPT STA 212+50.00
VPT EL 1031.21

VPC STA 213+00.00
VPC EL 1031.30

VPI STA 213+50.00
VPI EL 1031.38

VPT STA 214+00.00
VPT EL 1031.44

VPC STA 214+50.00
VPC EL 1031.50

VPI STA 215+00.00
VPI EL 1031.56

VPT STA 215+50.00
VPT EL 1031.25

VPC STA 215+75.00
VPC EL 1031.10

VPI STA 216+25.00
VPI EL 1030.79

VPT STA 216+75.00
VPT EL 1031.01

VPC STA 217+00.00
VPC EL 1031.12

VPI STA 217+50.00
VPI EL 1031.34

VPT STA 218+00.00
VPT EL 1031.09

STA 225+96.40
EL 1027.09

VCL = 100.00
K = 94.88

VCL = 100.00
K = 170.05

VCL = 100.00
K = 1877.59

VCL = 100.00
K = 137.32

VCL = 100.00
K = 105.84

0.76%

0.17%

0.12%

-0.61%

0.44%

-0.50%

1040

1030

1020

1010

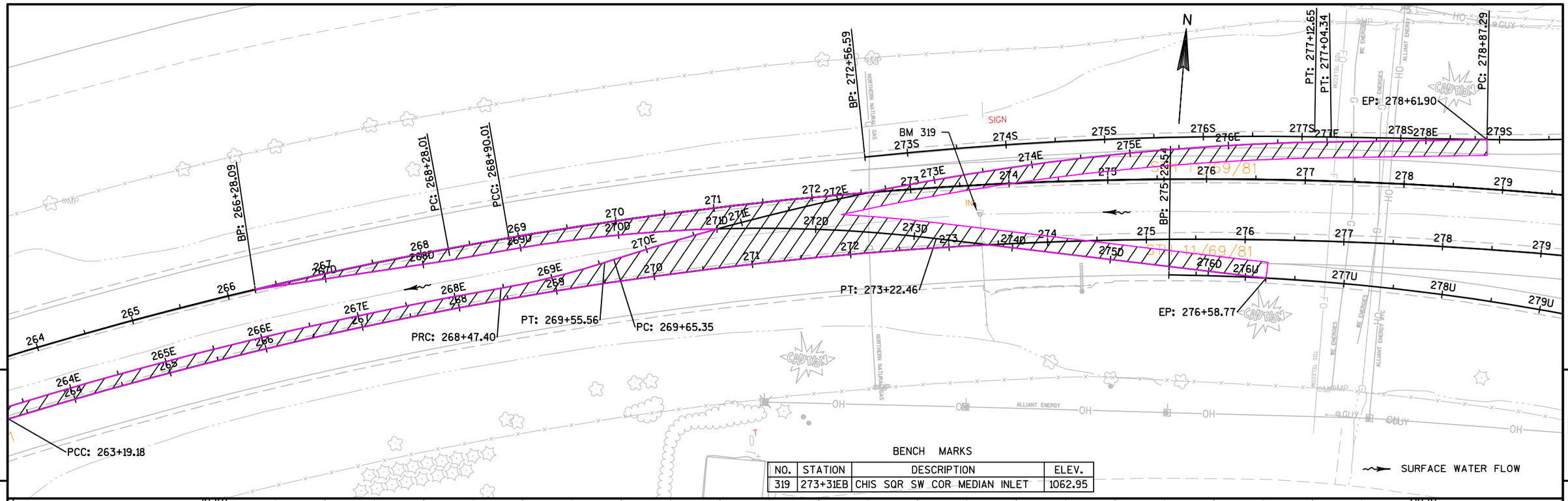
211C 212C 213C 214C 215C 216C 217C 218C 219C 220C 221C 222C 223C 224C 225C 226C

1030.79 1030.75 | 1031.06 1031.05 | 1031.22 1031.21 | 1031.23 1031.30 | 1031.38 1031.37 | 1031.33 1031.44 | 1030.97 1031.50 | 1030.44 1031.46 | 1029.61 1031.25 | 1028.71 1030.98 | 1029.41 1030.93 | 1030.11 1031.12 | 1030.22 1031.22 | 1030.03 1031.09 | 1029.73 1030.84 | 1029.48 1030.59 | 1029.22 1030.34 | 1028.92 1030.08 | 1028.83 1029.83 | 1028.69 1029.58 | 1028.34 1029.33 | 1028.06 1029.08 | 1027.64 1028.83 | 1027.42 1028.58 | 1027.51 1028.32 | 1027.64 1028.07 | 1027.55 1027.82 | 1027.49 1027.57 | 1027.36 1027.32

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER C - CTH N EB ON-RAMP	SHEET 315	E

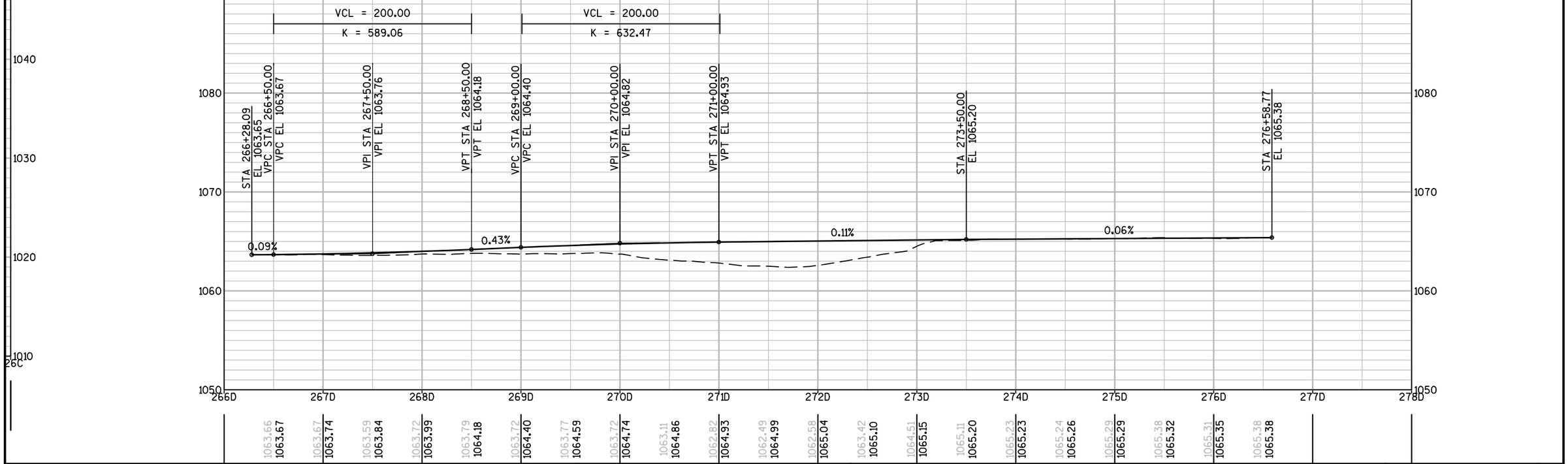
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO C-CTHNEBONRAMP

PLOT DATE : 4/5/2018 12:06 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

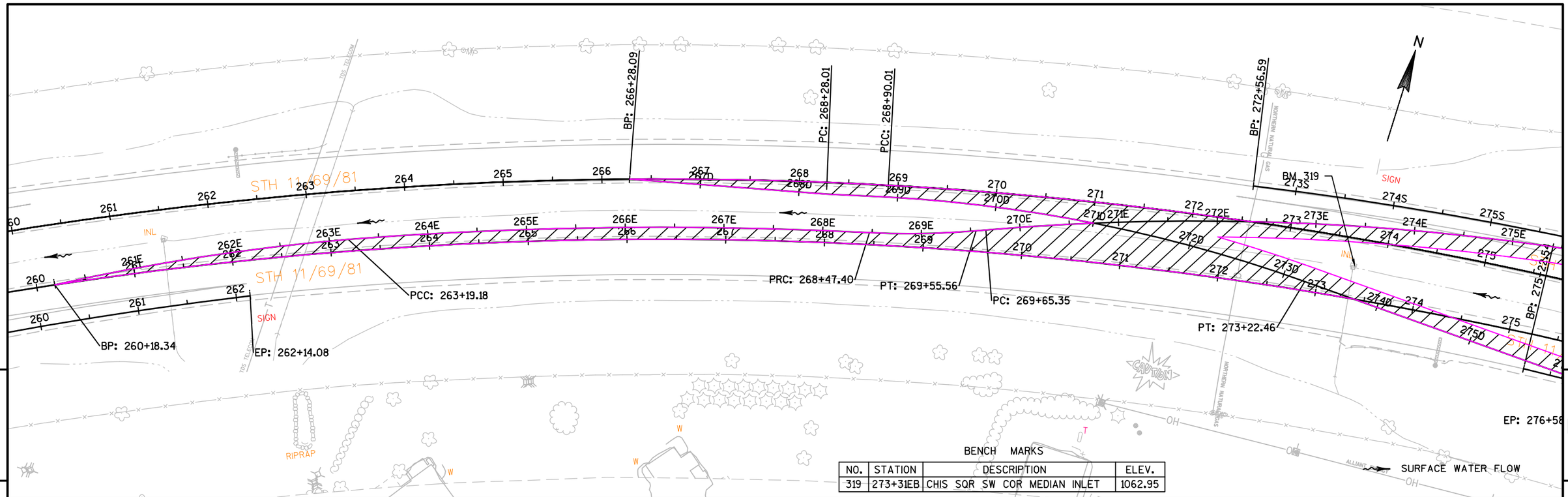


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
319	273+31EB	CHIS SQR SW COR MEDIAN INLET	1062.95

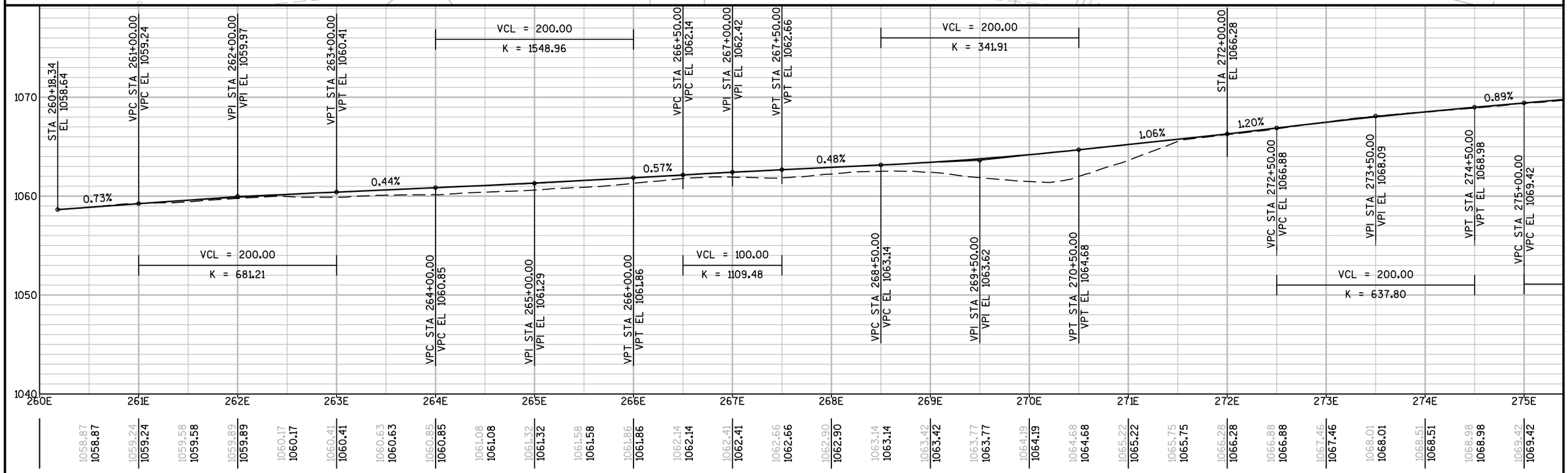


PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER D - STH 69 EB OFF-RAMP	SHEET 316 E



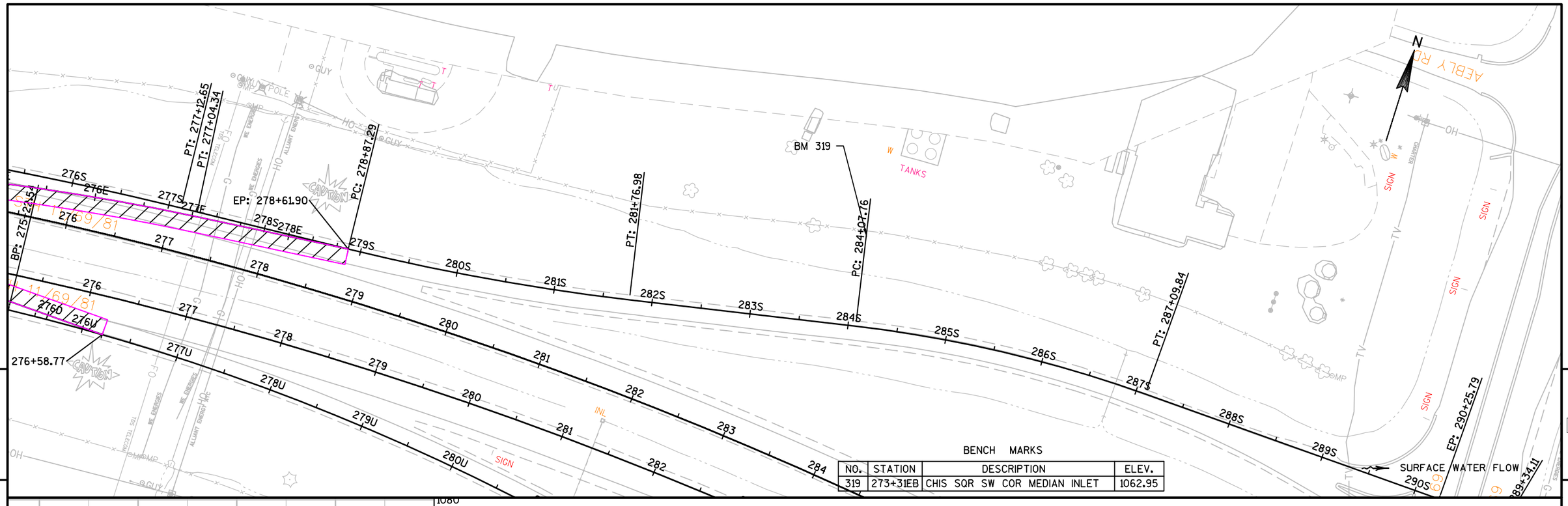
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
319	273+31EB	CHIS SQR SW COR MEDIAN INLET	1062.95



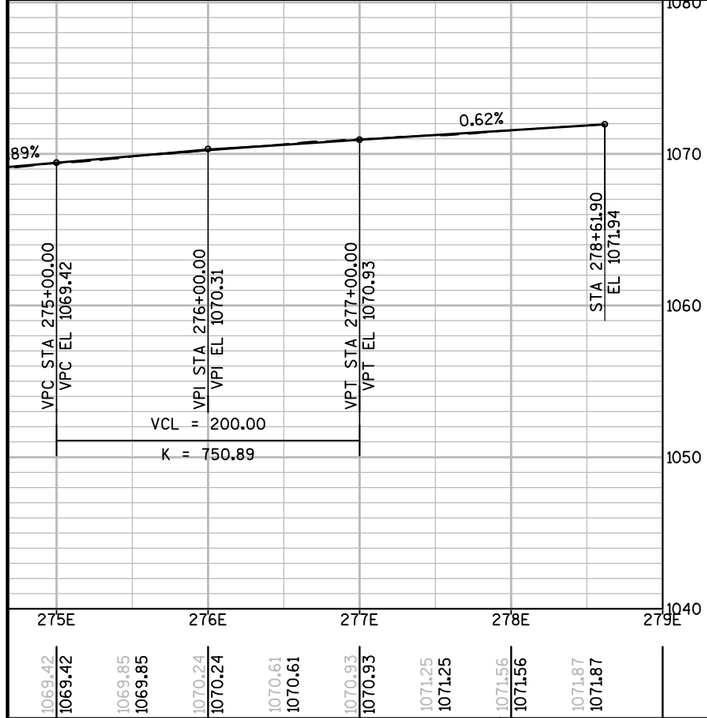
1058.87	1059.24	1059.58	1059.89	1060.17	1060.41	1060.63	1060.85	1061.08	1061.32	1061.58	1061.86	1062.14	1062.41	1062.66	1062.90	1063.14	1063.42	1063.77	1064.19	1064.68	1065.22	1065.75	1066.28	1066.88	1067.46	1068.01	1068.51	1068.98	1069.42
1058.87	1059.24	1059.58	1059.89	1060.17	1060.41	1060.63	1060.85	1061.08	1061.32	1061.58	1061.86	1062.14	1062.41	1062.66	1062.90	1063.14	1063.42	1063.77	1064.19	1064.68	1065.22	1065.75	1066.28	1066.88	1067.46	1068.01	1068.51	1068.98	1069.42

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER E - STH 69 WB ON-RAMP	SHEET 317	E



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
319	273+31EB	CHIS SQR SW COR MEDIAN INLET	1062.95



Profile View of STH69crossover-EB0nRamp

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER E - STH 69 WB ON-RAMP	SHEET 318	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO E-STH69WBONRAMP (2)

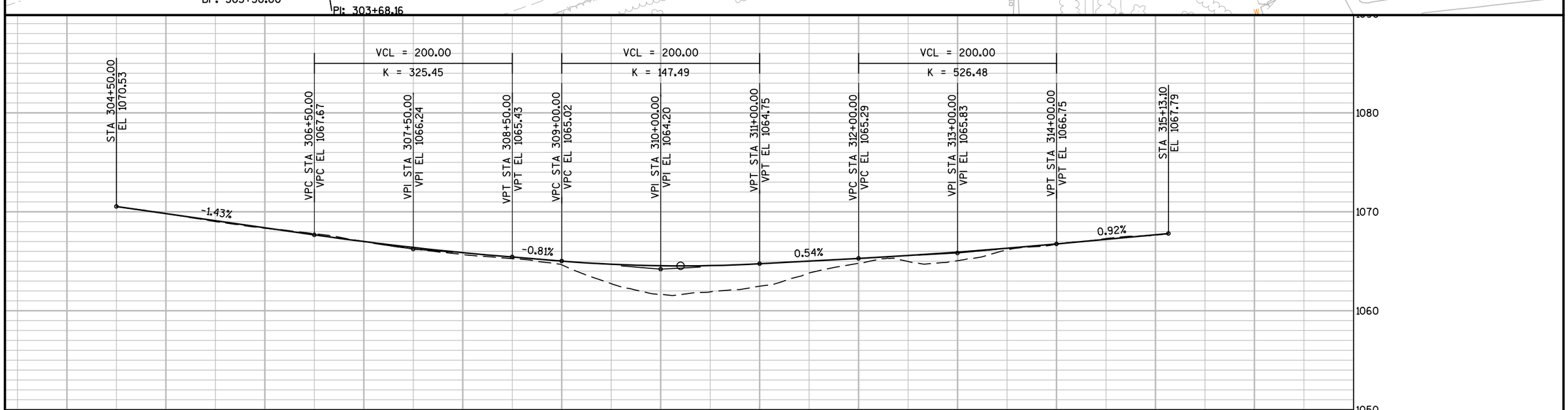
PLOT DATE : 4/5/2018 12:07 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

248 L.F. - CULVERT PIPE TEMPORARY 18-INCH
APRON ENDWALLS FOR CULVERT PIPE
STA 307+61EB-32.7' LT
STA 310+09EB-32.2 'LT

PC: 303+09.87
BP: 303+29.02
BP: 304+50.00
PT: 305+81.86
PC: 306+14.38
PT: 306+93.53
EP: 308+78.21
PC: 309+33.64
PT: 309+01.65
PC: 310+69.31
EP: 311+03.33
PT: 310+68.00
EP: 311+84.56
PI: 315+50.00
PI: 315+82
EP: 315+13.10
PI: 313+12.75
PT: 311+90.70
PC: 307+49.51
PT: 306+93.11
PC: 305+29.19
PT: 301+15.82
PT: 306+71.46
PI: 308+24.42
PT: 306+05.84
PT: 304+37.78
PC: 304+03.78
PC: 303+11.28
BP: 303+50.00
PI: 303+68.16
BM 320
STH 11/81
STH 11
SIGN
SURFACE WATER FLOW

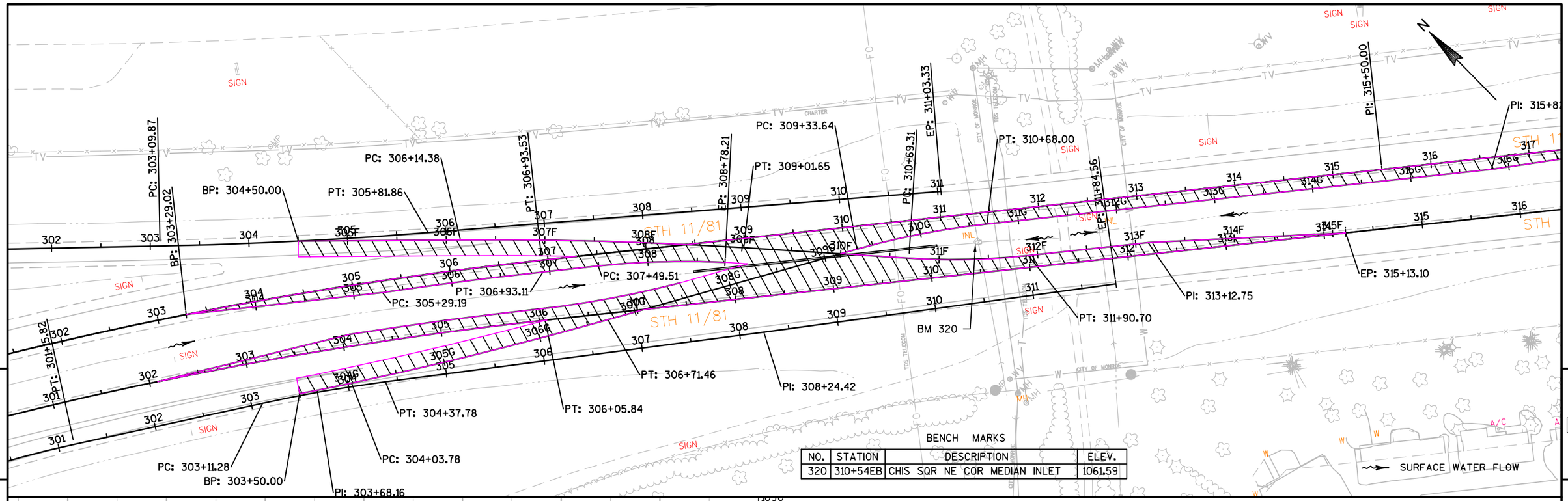
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
320	310+54EB	CHIS SQR NE COR MEDIAN INLET	1061.59



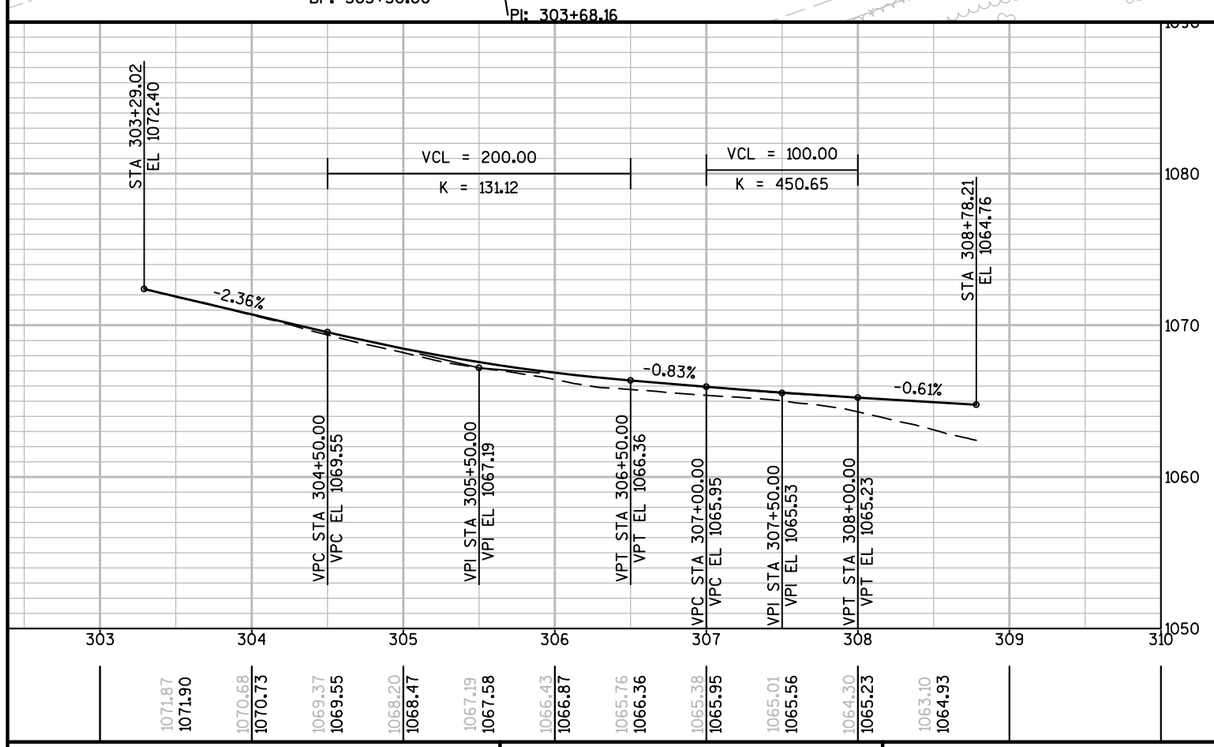
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER F - STH 69 WB OFF-RAMP	SHEET 319 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO F-STH69WBOFFRAMP
PLOT DATE : 4/5/2018 12:07 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
320	310+54EB	CHIS SQR NE COR MEDIAN INLET	1061.59



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER F - STH 69 WB OFF-RAMP 2	SHEET 320	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO F-STH69WBOFFRAMP (2)
PLOT DATE : 4/5/2018 12:08 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

248 L.F. - CULVERT PIPE TEMPORARY 18-INCH
APRON ENDWALLS FOR CULVERT PIPE
STA 307+61EB-32.7' LT
STA 310+09EB-32.2 'LT

PC: 303+09.87
BP: 303+29.02
BP: 304+50.00
PC: 306+14.38
PT: 305+81.86
PT: 306+93.53
EP: 308+78.21
PT: 309+01.65
PC: 309+33.64
PC: 310+69.31
EP: 311+03.33
PT: 310+68.00
PI: 315+50.00
PI: 315+82.27
PC: 305+29.19
PT: 306+93.11
PC: 307+49.51
EP: 311+84.56
PC: 303+11.28
BP: 303+50.00
PI: 303+68.16
PT: 304+37.78
PC: 304+03.78
PT: 306+05.84
PT: 306+71.46
PI: 308+24.42
BM 320
PT: 311+90.70
PI: 313+12.75
EP: 315+13.10

STH 11/81

SIGN

INL

CITY OF MONROE

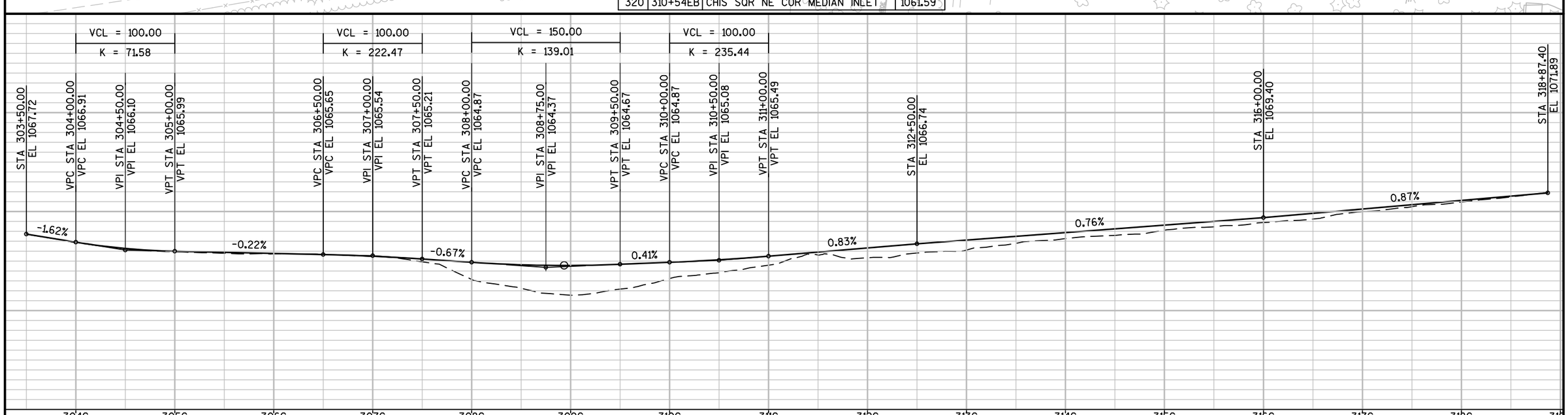
TDS TELECOM

CHARTER

SURFACE WATER FLOW

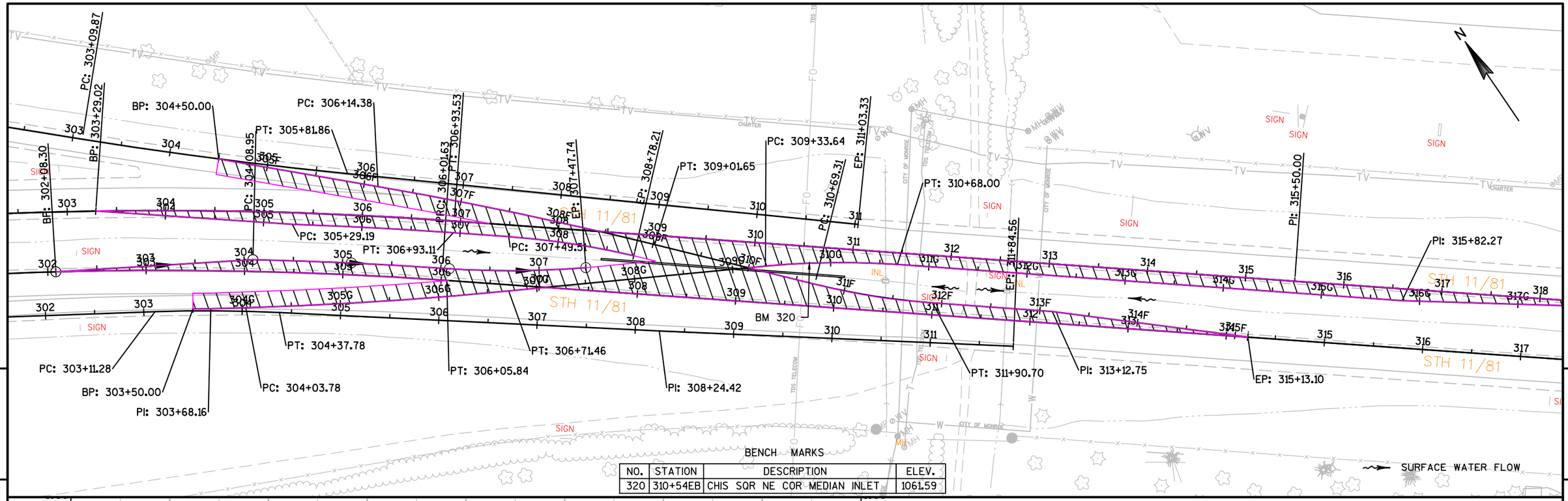
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
320	310+54EB	CHIS SQR NE COR MEDIAN INLET	1061.59



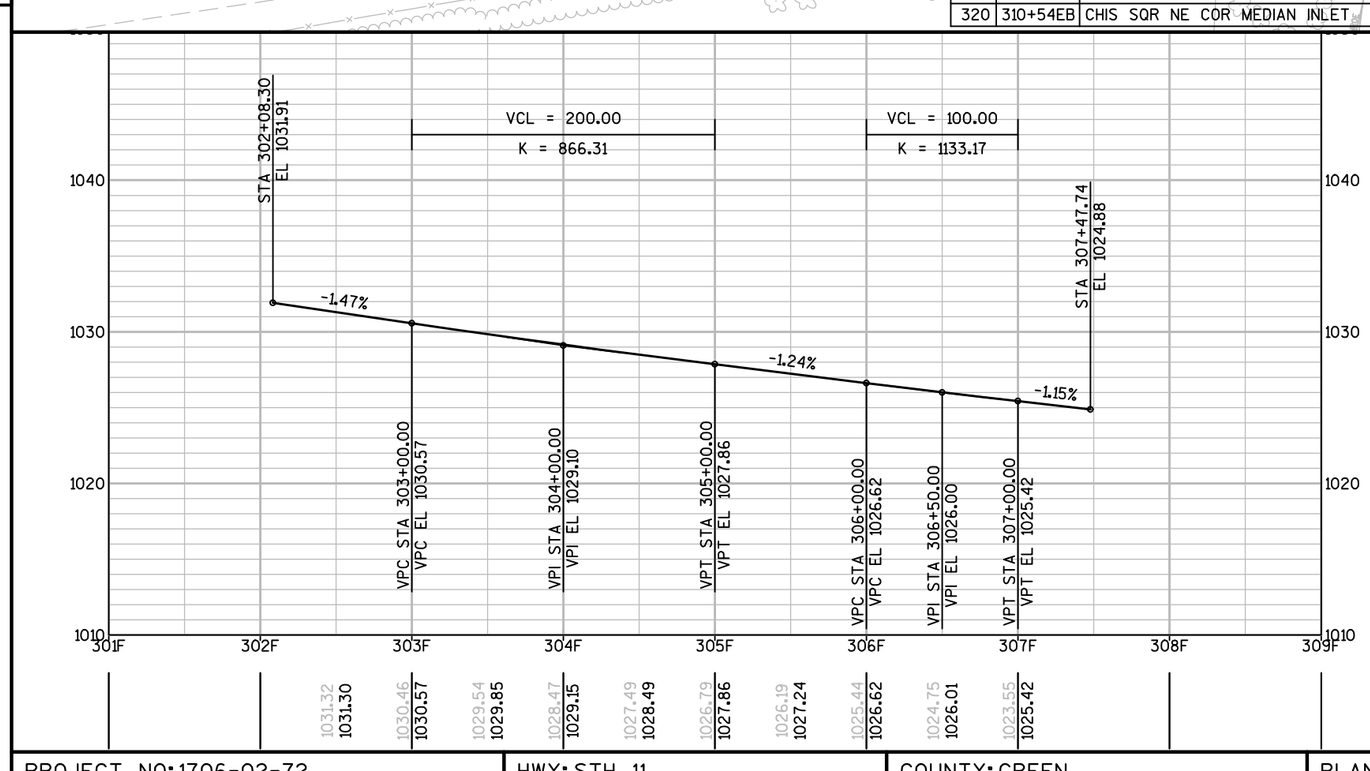
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER G - STH 69 EB ON-RAMP	SHEET 321	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO G-STH69EBONRAMP
PLOT DATE : 4/5/2018 12:08 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : Custom

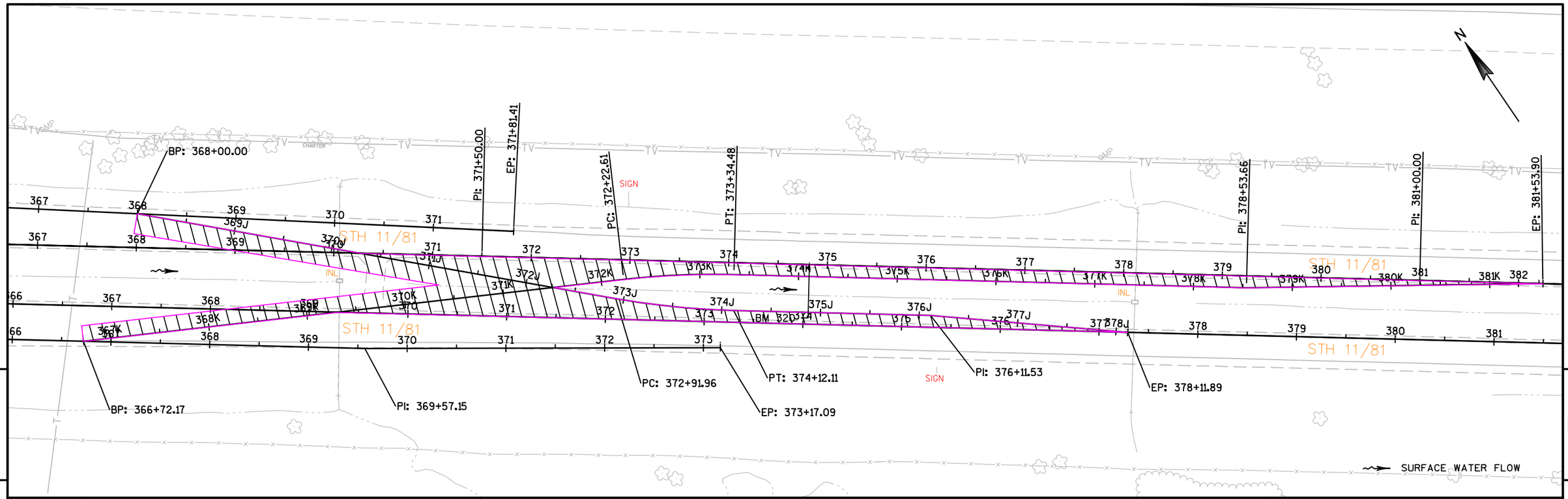


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
320	310+54EB	CHIS SQR NE COR MEDIAN INLET	1061.59



PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER G - STH 69 EB ON-RAMP 2	SHEET 322	E

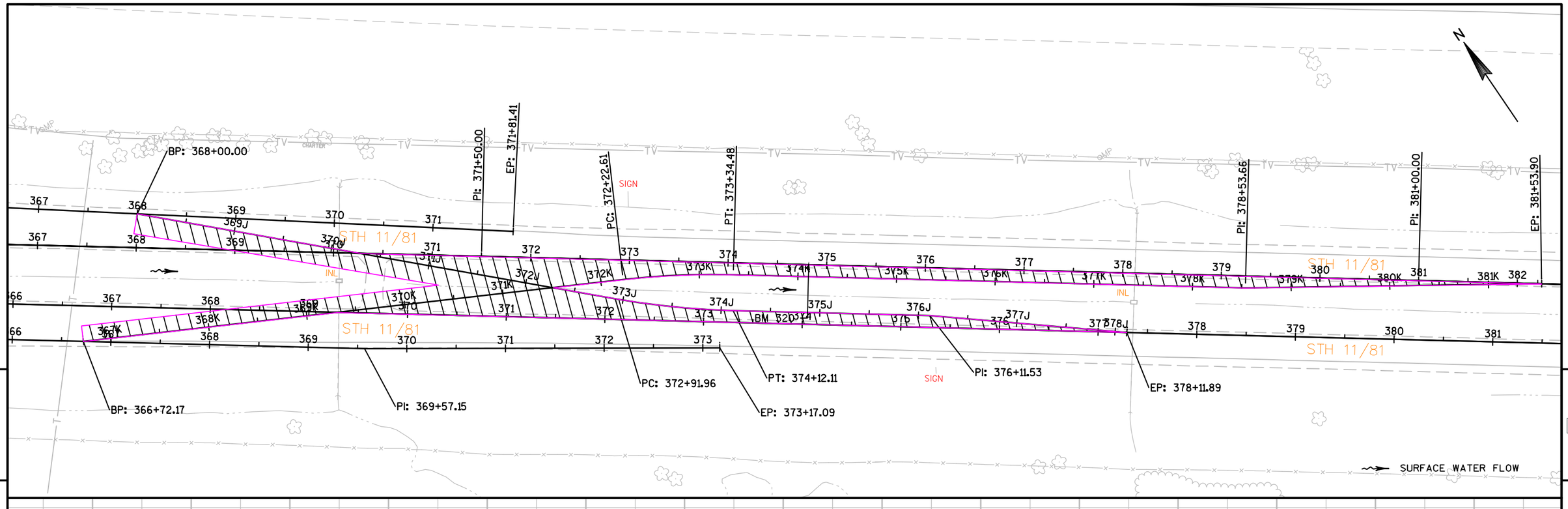


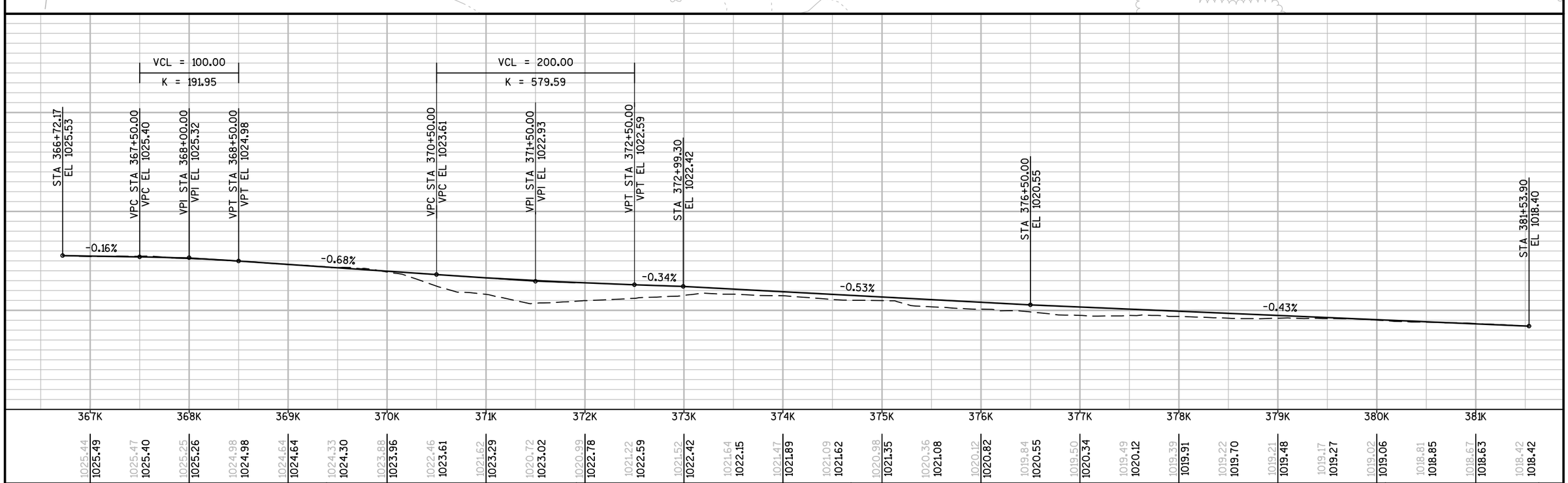
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER J - STH 59 WB OFF-RAMP	SHEET 323	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO J-STH59WBOFFRAMP

PLOT DATE : 4/5/2018 12:08 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

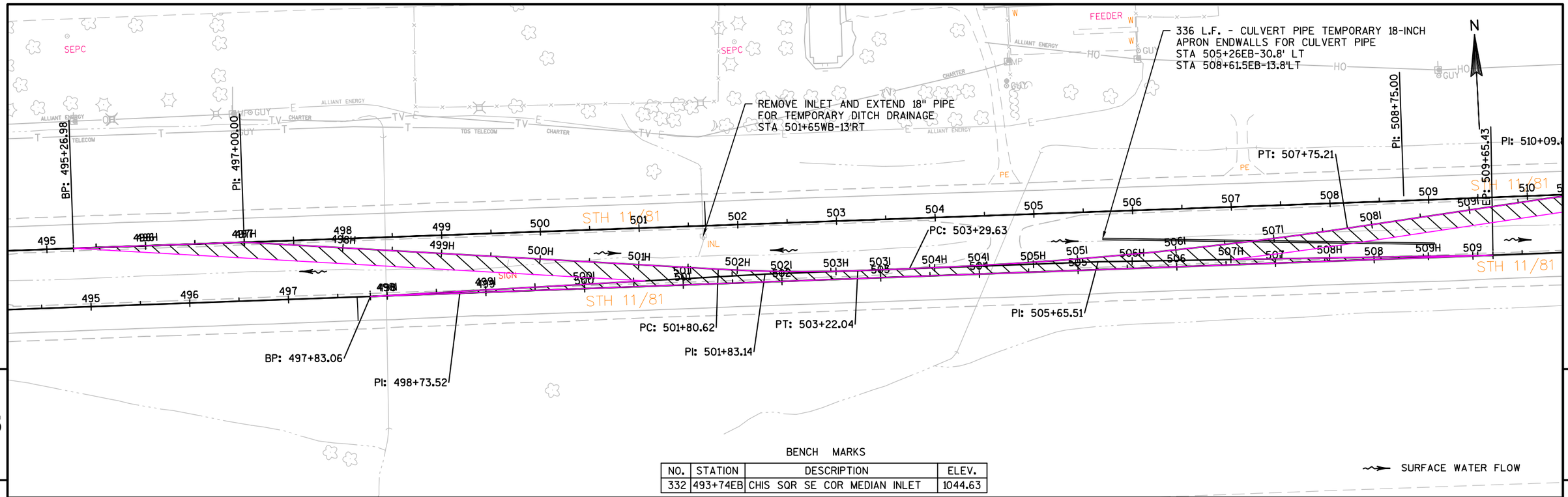
WISDOT/CADDS SHEET 44





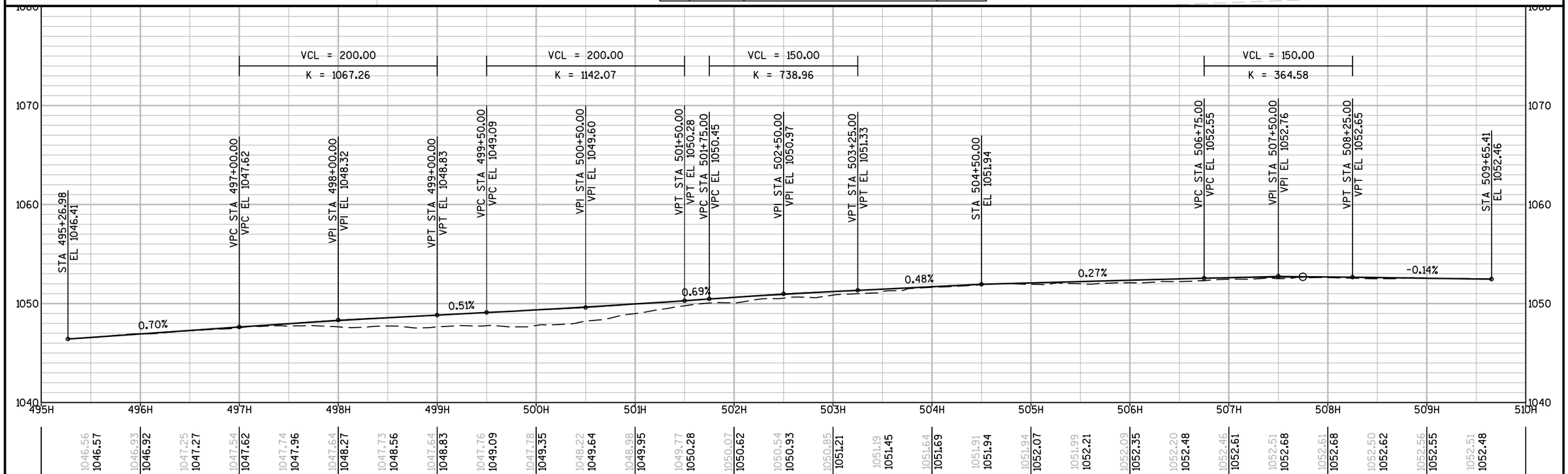
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER K - STH 59 EB ON-RAMP	SHEET 324	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO K-STH59EBONRAMP
PLOT DATE : 4/5/2018 12:09 PM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
332	493+74EB	CHIS SQR SE COR MEDIAN INLET	1044.63

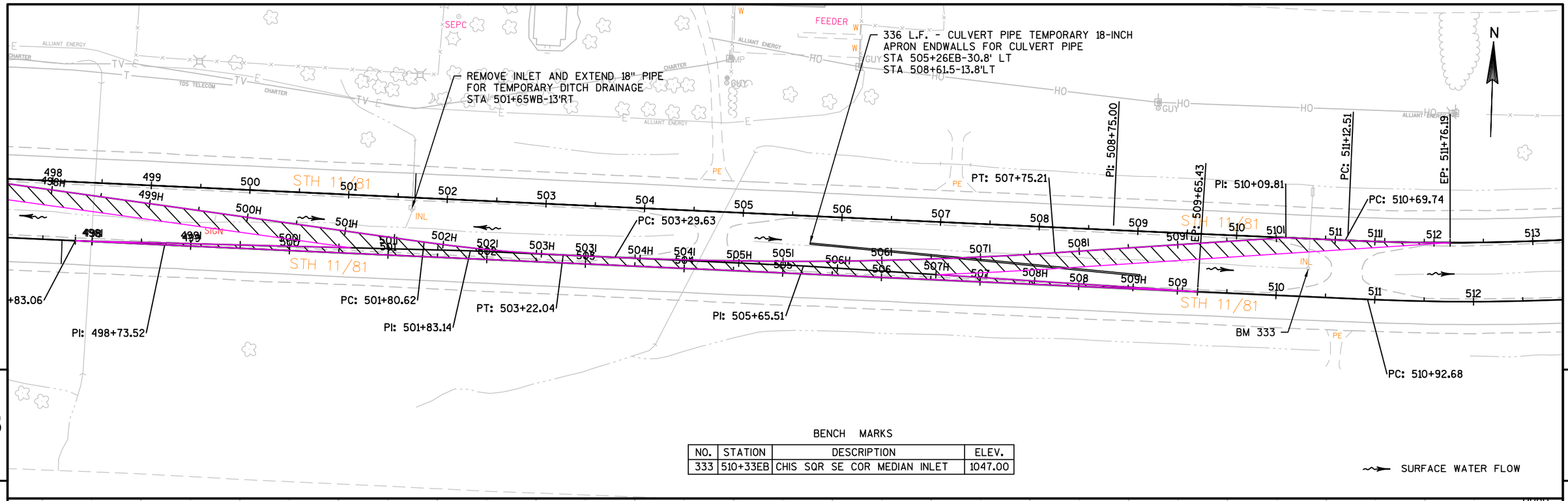


PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER H - MAINLINE EAST - WB TO EB	SHEET 325	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO H-MLEASTWBTOEB1

PLOT DATE : 5/7/2018 10:52 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
333	510+33EB	CHIS SQR SE COR MEDIAN INLET	1047.00

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	PLAN AND PROFILE: CROSSOVER I - MAINLINE EAST - EB TO WB	SHEET 326 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\050201_PP_STH11CROSSOVER.DWG
LAYOUT NAME - 050201_PP_STH11CROSSOVER - CO I-MLEASTEBTOWB

PLOT DATE : 5/7/2018 10:53 AM PLOT BY : OLSON, RICHARD J PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

Standard Detail Drawing List

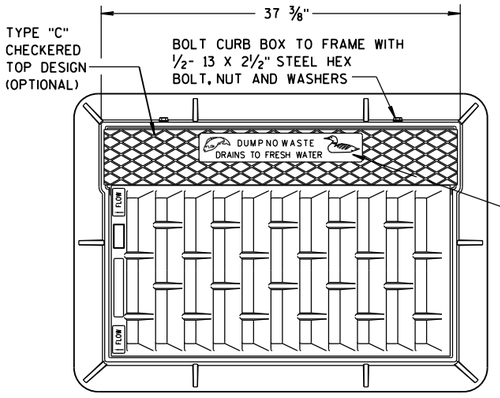
08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08C08-02	INLETS MEDIAN 1 AND 2 GRATE
08D01-20A	CONCRETE CURB & GUTTER
08D01-20B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D02-06	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D16-10	CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES
08D17-06	MANHOLES, MANHOLE & INLET COVERS
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
11A01-05	MAINTENANCE CROSSOVER FOR FREEWAYS
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13B02-08A	CONCRETE PAVEMENT APPROACH SLAB
13C01-18	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C09-14A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-14B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-14C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C11-11A	RURAL DOWELED CONCRETE PAVEMENT
13C17-01A	CONCRETE JOINT DETAIL FOR EXIT RAMP TERMINI
13C17-01B	CONCRETE JOINT DETAIL FOR ENTRANCE RAMP TERMINI
13C18-05A	CONCRETE PAVEMENT JOINTING
13C18-05B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-05C	CONCRETE PAVEMENT JOINT TYPES
13C18-05D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
14B26-03A	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03B	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03C	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03D	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-03E	STEEL THRIE BEAM BULLNOSE TERMINAL
14B42-05A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-05B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-05C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-05D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-03A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-03B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-03C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-04A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B47-02A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-02B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-02C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
15A02-09	DELINEATOR POST, DELINEATOR REFLECTOR AND DELINEATOR BRACKET WITH REFLECTIVE SHEETING
15A04-03A	FLEXIBLE DELINEATOR POST
15A04-03B	DELINEATOR BRACKET WITH REFLECTIVE SHEETING
15A04-03C	DELINEATOR POST WITH REFLECTIVE SHEETING
15A04-03D	DELINEATOR WITH REFLECTIVE SHEETING
15B01-08A	FENCE WOVEN WIRE
15B01-08B	FENCE WOVEN WIRE
15C03-04	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-18A	LONGITUDINAL MARKING (MAINLINE)

6

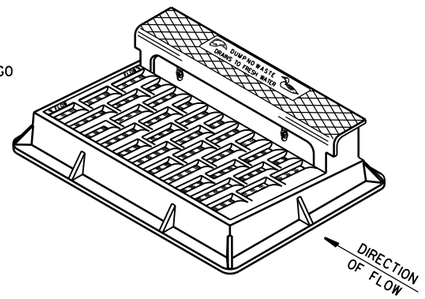
Standard Detail Drawing List

15C11-07A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-07B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C27-02B	PAVEMENT MARKING (ISLANDS)
15C29-05A	BICYCLE LANE MARKING
15C31-03A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-03C	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15C33-03	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-02A	PAVEMENT MARKING (INTERSECTIONS)
15D06-03	TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION
15D07-04	TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER
15D08-06	TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER
15D09-03	TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT
15D11-07	TRAFFIC CONTROL, SINGLE LANE CROSSOVER
15D12-06A	TRAFFIC CONTROL, LANE CLOSURE
15D15-04D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

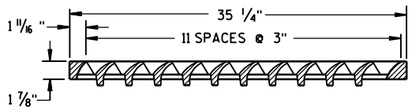
6

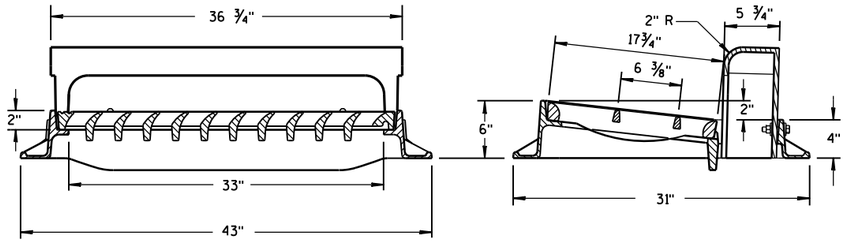


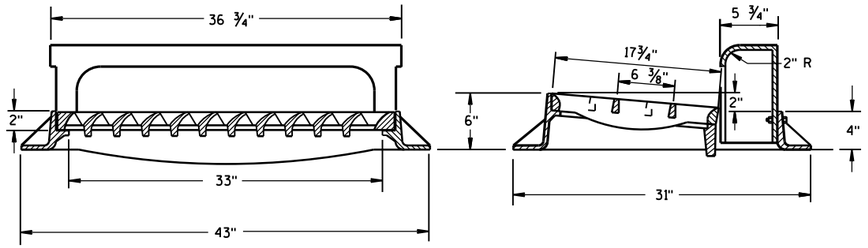
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

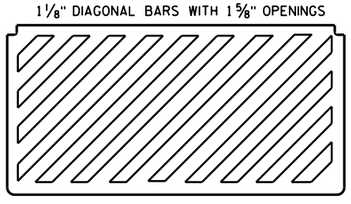






TYPE "H"

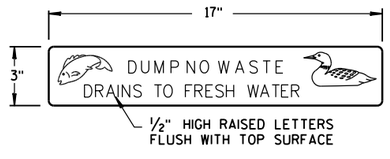
NOTE: EITHER CASTING IS ACCEPTABLE



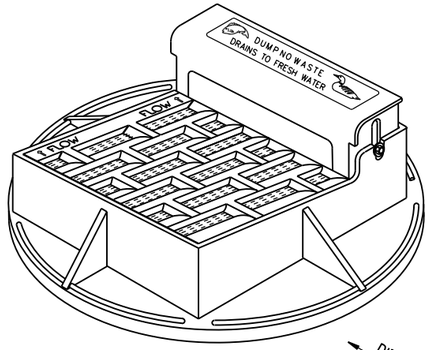
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

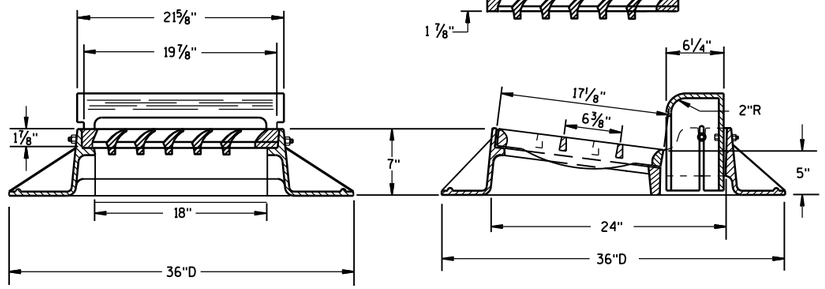


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



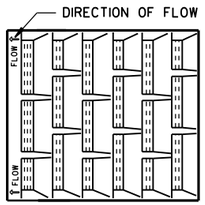
TYPE "A"

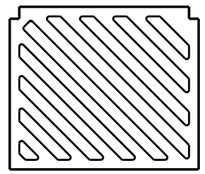
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

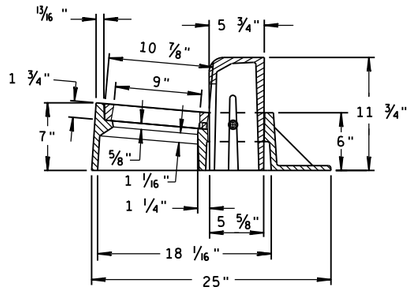


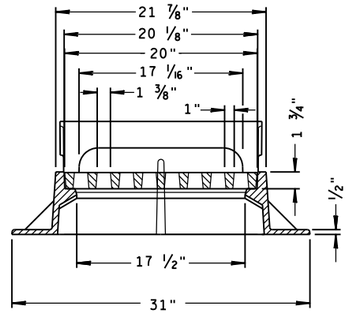


SPECIAL GRATE FOR TYPE "A" COVER

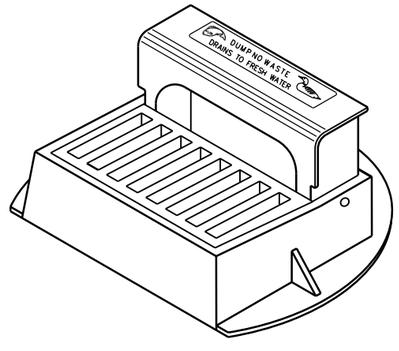
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



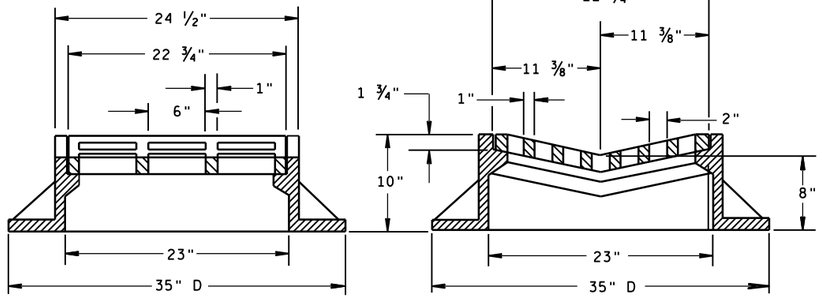
INLET COVERS
TYPE A, H, A-S, H-S & Z

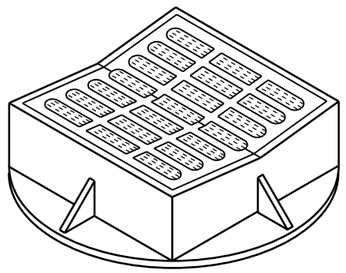
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

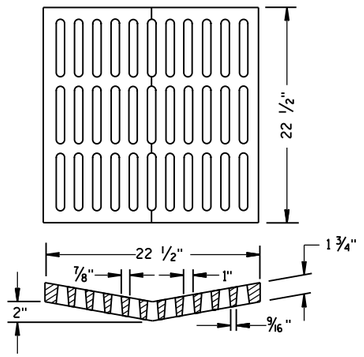
6

S.D.D. 8 A 5-19a



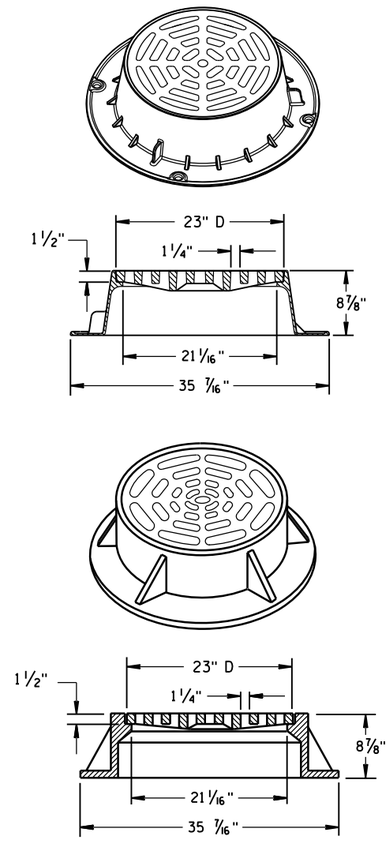


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

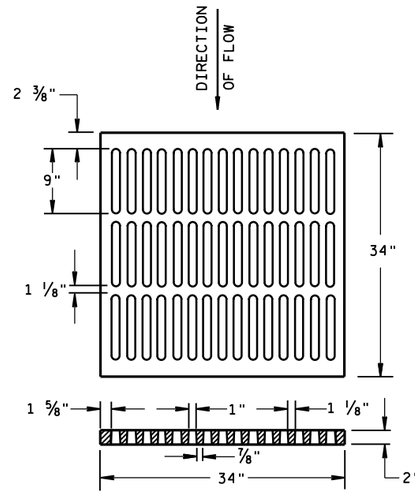
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

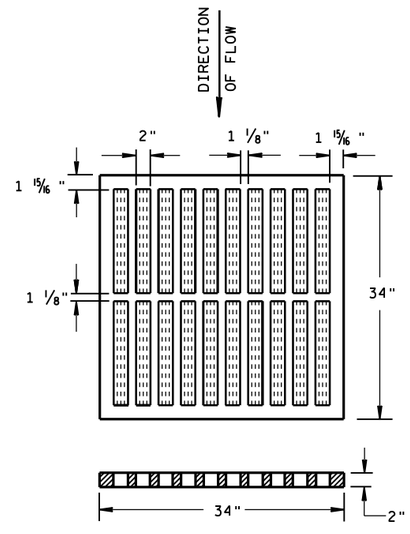
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



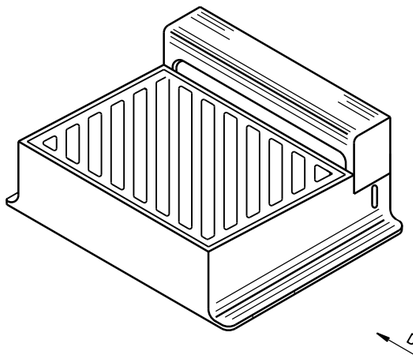
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



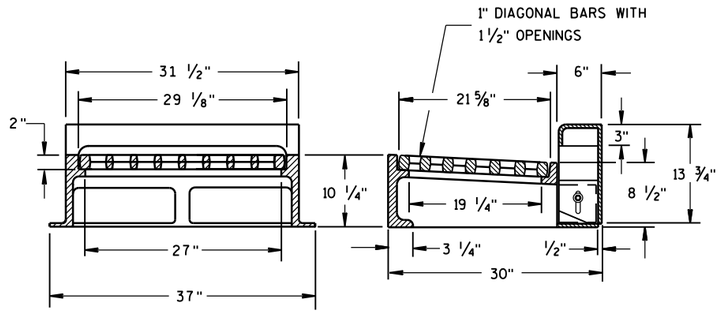
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIRECTION OF FLOW

DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

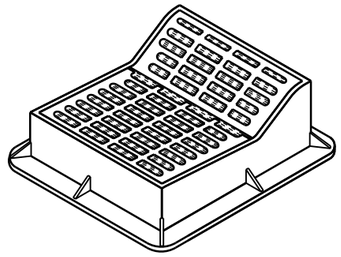
INLET COVERS
TYPE B, B-A, C,
MS, MS-A, & WM

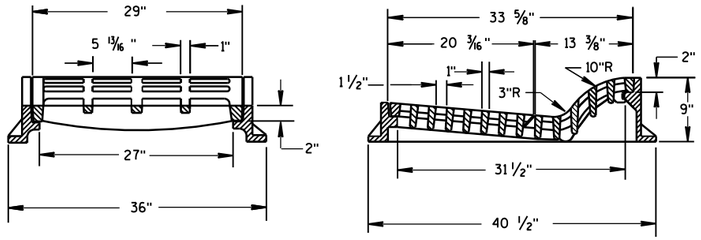
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

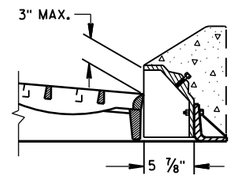
S.D.D. 8 A 5-19b





TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

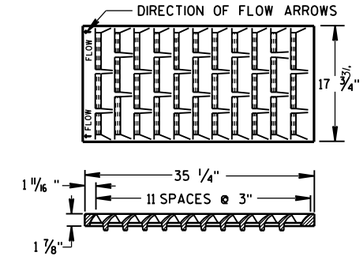
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

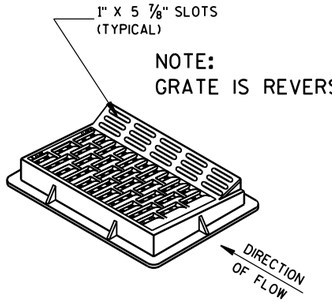
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

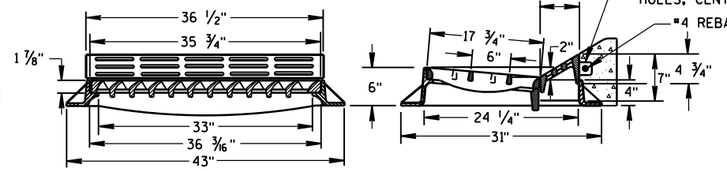
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



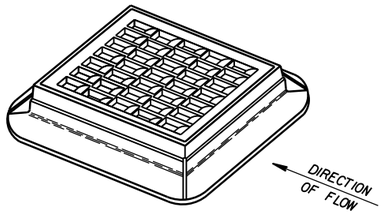


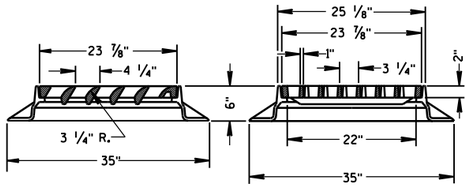


TYPE "HM"

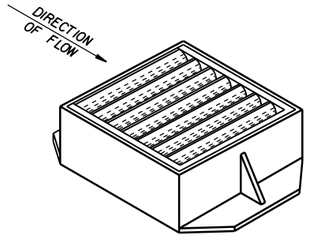
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

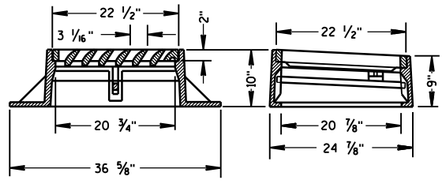
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



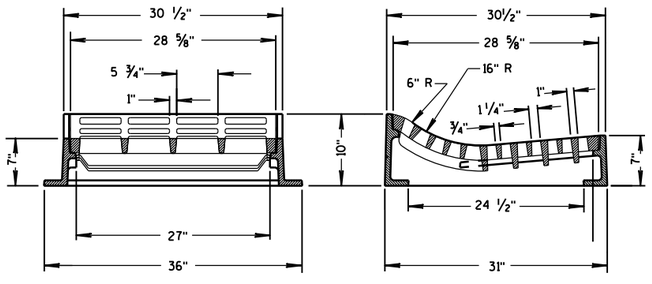


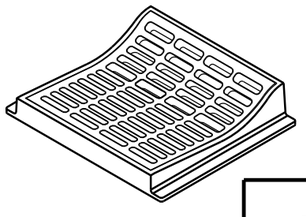
TYPE "S"





TYPE "V"





TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.

INLET COVERS
TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

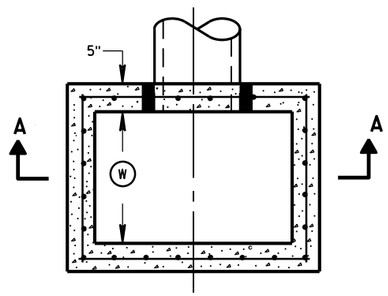
APPROVED
11/27/2013
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

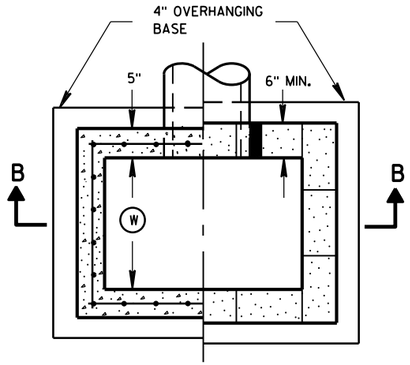
FHWA

6

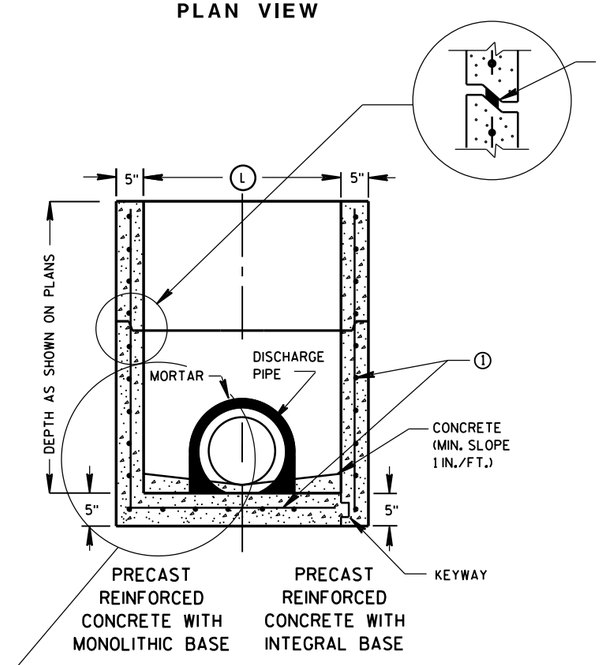
S.D.D. 8 A 5-19c



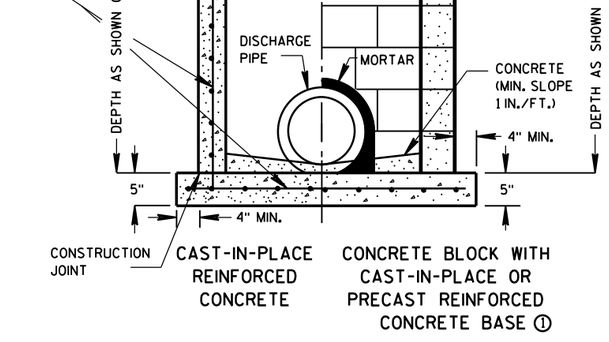
PLAN VIEW



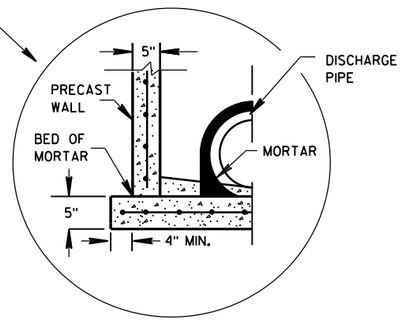
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

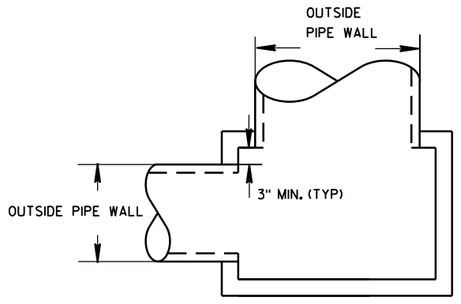
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT UNIT SUPERVIS
FHWA

6

S.D.D. 8 C 7-2

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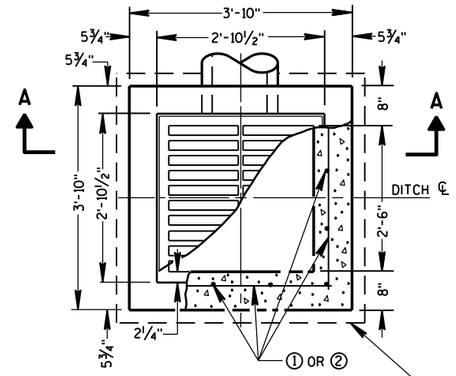
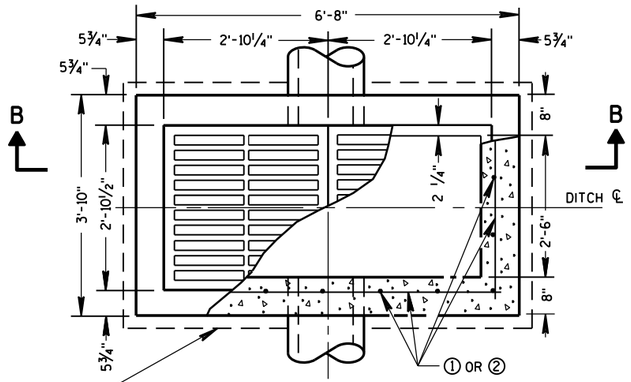
S.D.D. 8 C 7-2

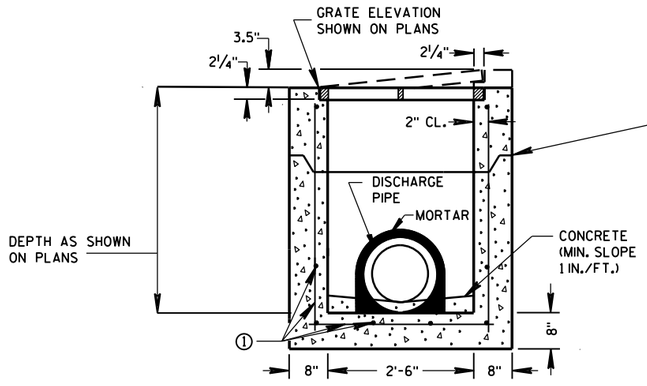


PLAN VIEW

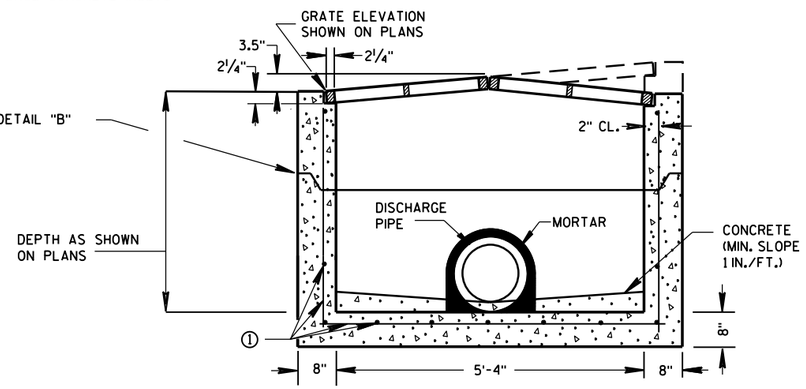


PLAN VIEW

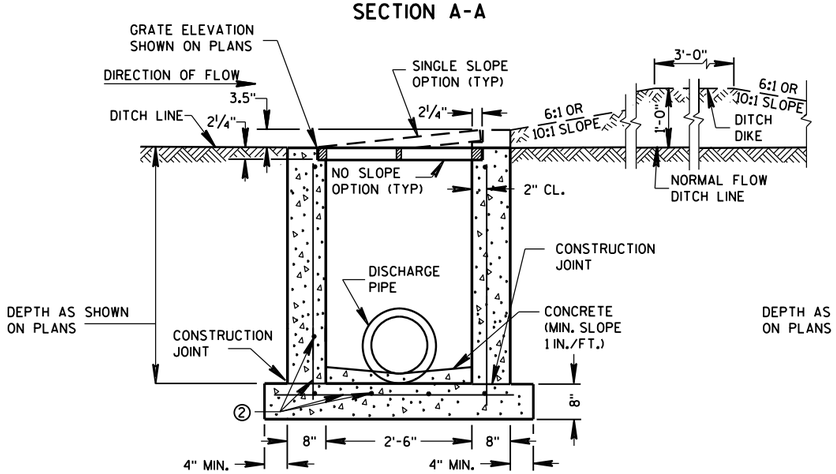
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



PRECAST REINFORCED CONCRETE SECTION A-A

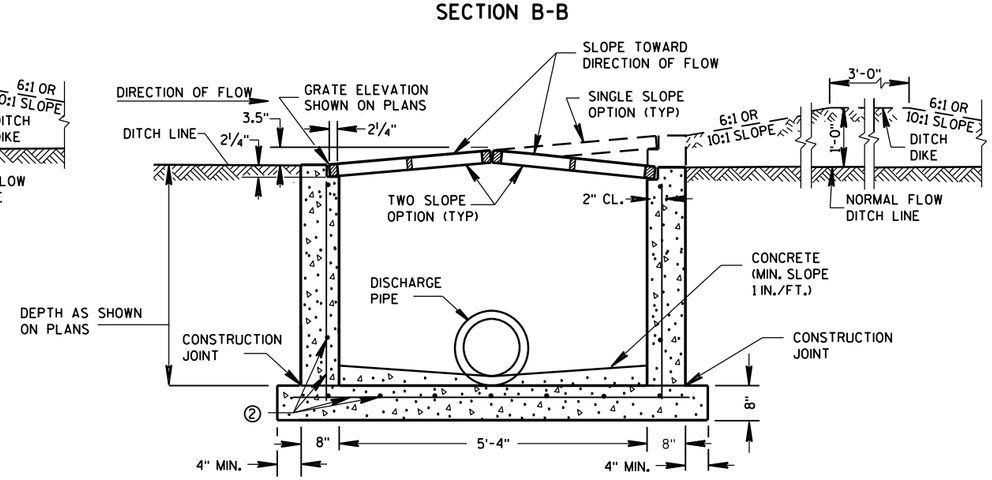


PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A

INLETS MEDIAN 1 GRATE



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 2 GRATE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

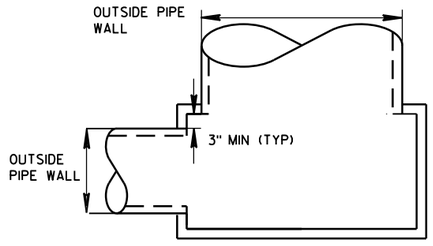
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

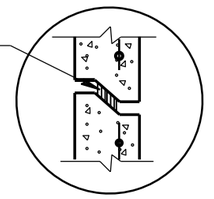
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVI ENT
FHWA

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S.D.D. 8 C 8-2

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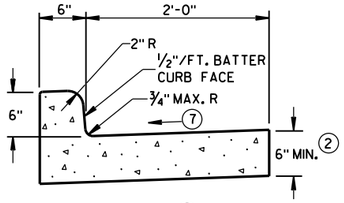
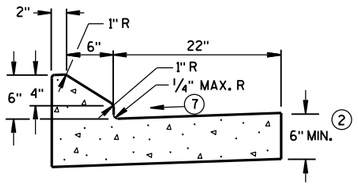
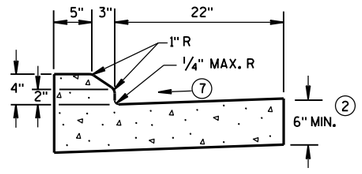
S.D.D. 8 C 8-2



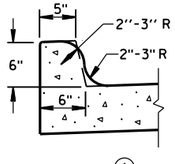
TYPES A (1) & D



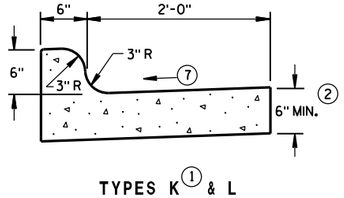
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

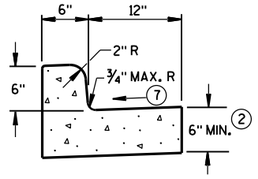


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



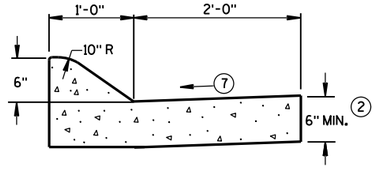
TYPES K (1) & L

CONCRETE CURB & GUTTER 30"

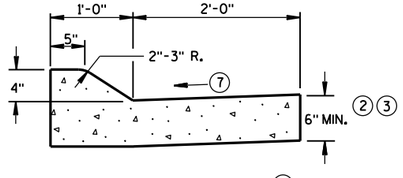


TYPES A (1) & D

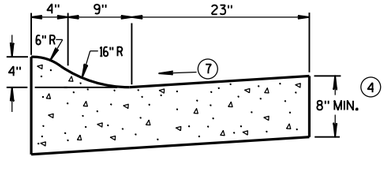
CONCRETE CURB & GUTTER 18"



6" SLOPED CURB TYPES A (1) & D

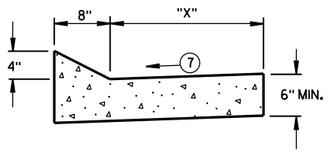


4" SLOPED CURB TYPES A (1) & D



4" SLOPED CURB TYPES R (1) & T (5)

CONCRETE CURB & GUTTER 36"



TYPES TBT & TBTT (1)

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

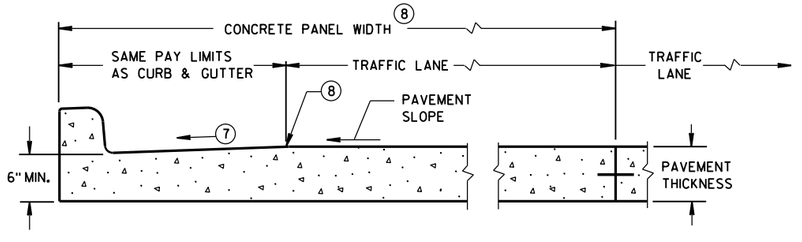
(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

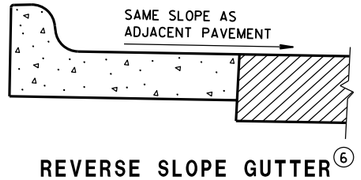
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB & GUTTER

* BIKE LANE IS NOT SHOWN.



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

CONCRETE CURB & GUTTER

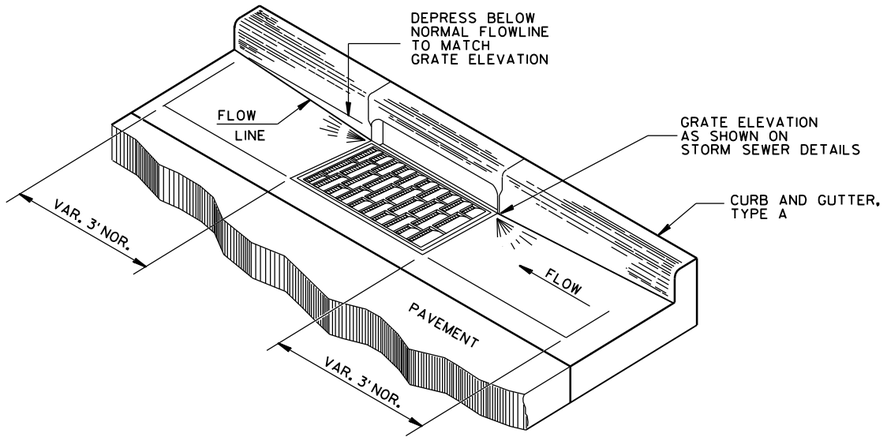
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 8 D 1-20a

6

S.D.D. 8 D 1-20a



DETAIL OF CURB AND GUTTER AT INLETS

(TYPE H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

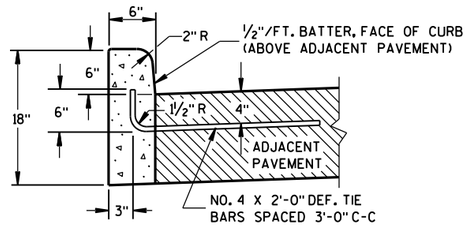
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

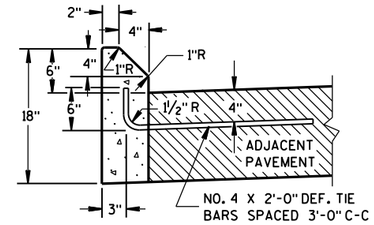
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(9) REFER TO SDD 8D18 AND SDD 8D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

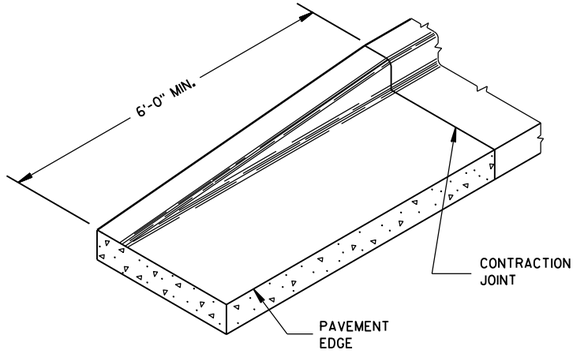


TYPES A (1) & D

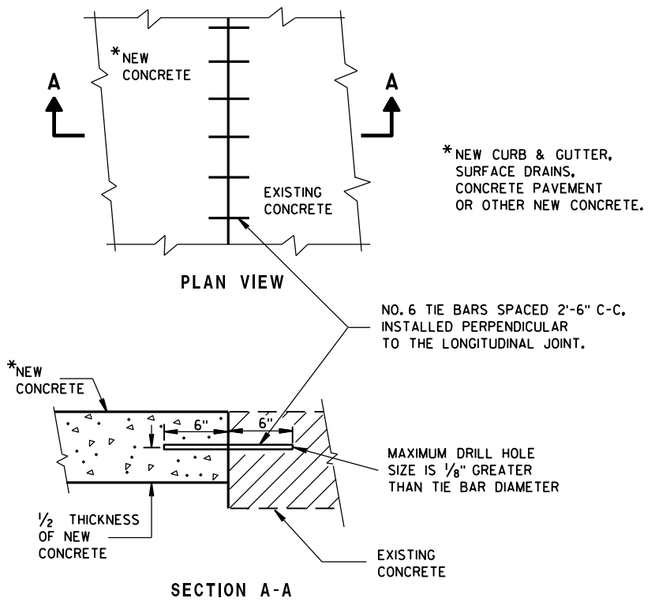


TYPES G (1) & J

CONCRETE CURB



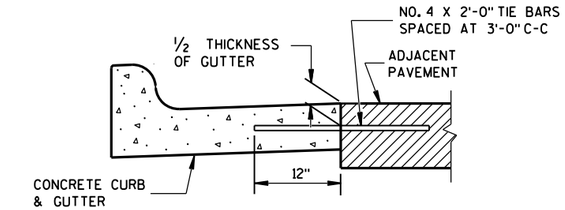
END SECTION CURB & GUTTER



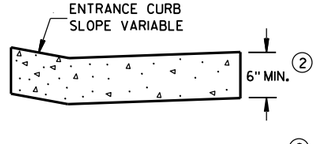
PLAN VIEW

SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (9)

(WHEN DIRECTED BY THE ENGINEER)

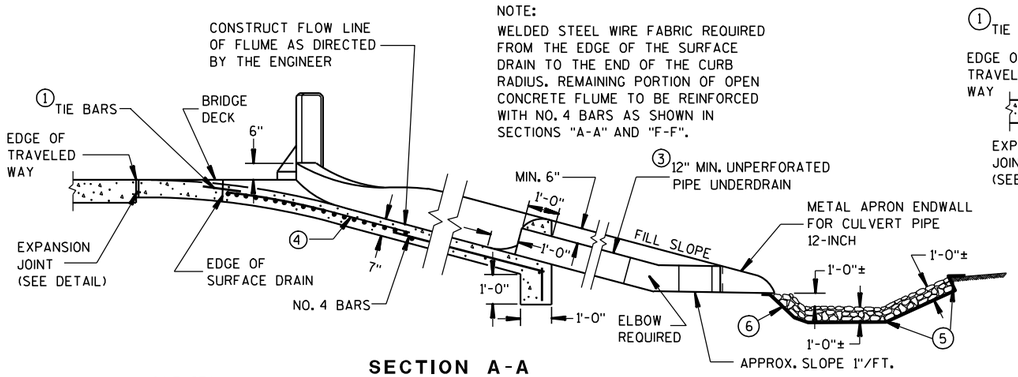
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

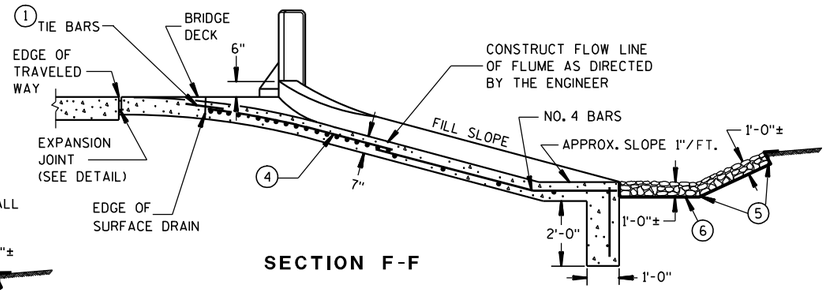
APPROVED
June, 2017 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS 335 ENT
UNIT SUPERVISOR
FHWA

6

S.D.D. 8 D 1-20b



SECTION A-A



SECTION F-F

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) NO. 4 X 2'-0" TIE BARS SPACED AT 3'-0" CENTERS TO BE USED ONLY WHEN ADJACENT TO P.C. CONCRETE.

(2) NO. 4 X 2'-0" TIE BARS SPACED AT 12" CENTERS TO BE PLACED BY BRIDGE CONTRACTOR, OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) PIPE UNDERDRAIN MAY BE ANY OF THE MATERIALS LISTED IN SECTION 612.2 OF THE STANDARD SPECIFICATIONS EXCEPT DRAIN TILE.

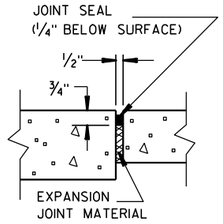
(4) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C-C.

(5) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.

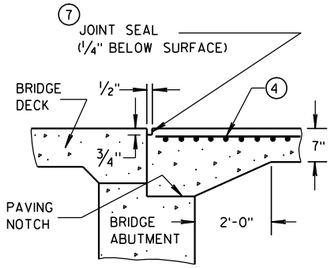
(6) GEOTEXTILE FABRIC, TYPE 'R"

(7) HOT POURED SEALANT UNLESS OTHERWISE SPECIFIED.

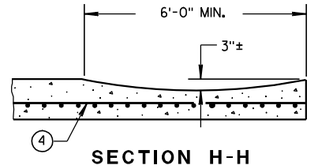
(8) THIS DIMENSION MAY VARY DEPENDING ON THE SPACING OF POSTS FOR THE STEEL PLATE BEAM GUARD. THE TYPICAL LOCATION FOR THE SURFACE DRAIN IS WHERE THE POST SPACING WIDENS TO 3'-1½".



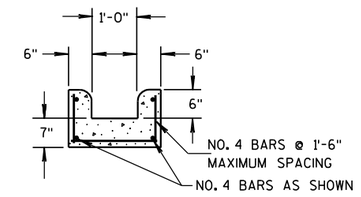
EXPANSION JOINT DETAIL



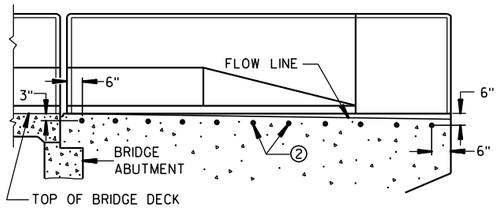
SECTION D-D



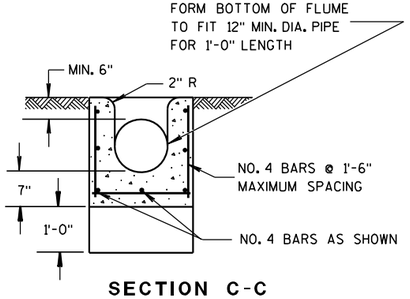
SECTION H-H



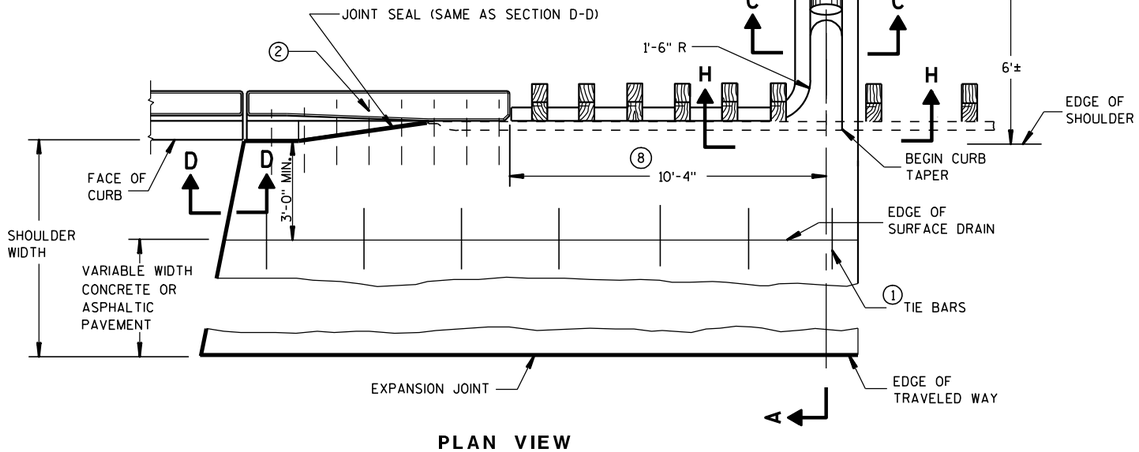
SECTION E-E



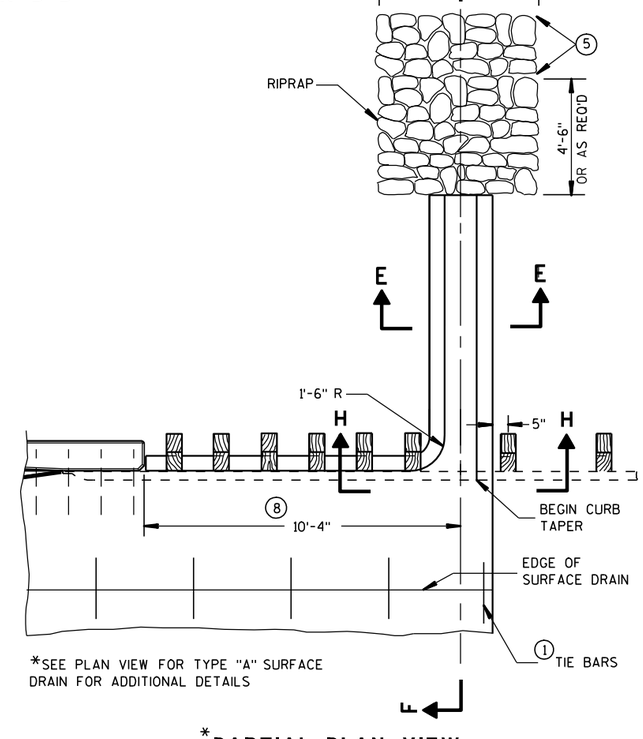
LOCATION OF TIE BARS IN WINGWALL



SECTION C-C



PLAN VIEW
SURFACE DRAIN WITH PIPE
TYPE "A"



*SEE PLAN VIEW FOR TYPE "A" SURFACE DRAIN FOR ADDITIONAL DETAILS

*PARTIAL PLAN VIEW
SURFACE DRAIN WITHOUT PIPE
TYPE "B"

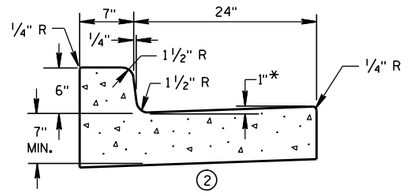
CONCRETE SURFACE DRAINS
FLUME TYPE
AT STRUCTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

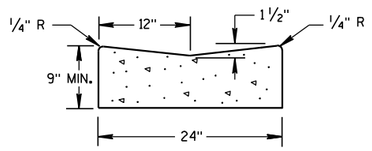
APPROVED
9/4/08 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

S.D.D. 8 D 2-6

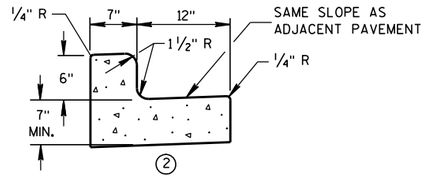
6



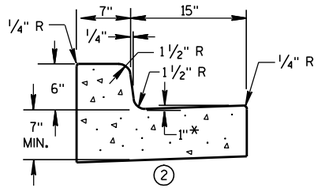
① CONCRETE CURB & GUTTER 31"



① CONCRETE GUTTER 24"

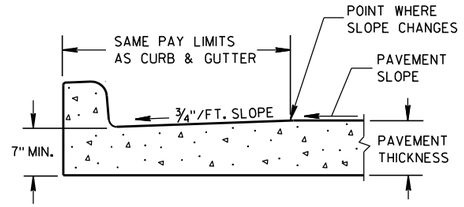


① CONCRETE CURB & GUTTER 19"



① CONCRETE CURB & GUTTER 22"

* TO BE MEASURED TO A MAXIMUM OF 3" WHERE DRAINAGE PROBLEMS EXIST.



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

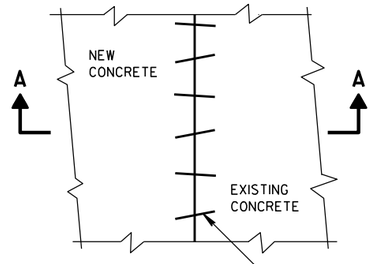
WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURB.

① WHEN PLACED ADJACENT TO NEW CONCRETE, TIE BARS ARE REQUIRED FOR CURB AND GUTTER 31", 22", 19" AND CONCRETE GUTTER 24".

② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 7" MIMIMUM GUTTER THICKNESS IS MAINTAINED.

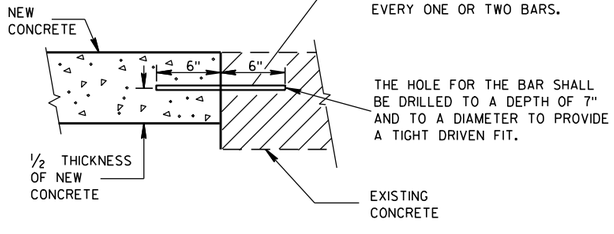
③ WHEN HIGH SIDE CURB SECTION IS REQUIRED, THE LOCATION(S) WILL BE NOTED ON THE PLAN.



PLAN VIEW

EXISTING AND NEW CONCRETE MAY BE CURB & GUTTER, SURFACE DRAIN, PAVEMENT OR OTHER CONCRETE STRUCTURE.

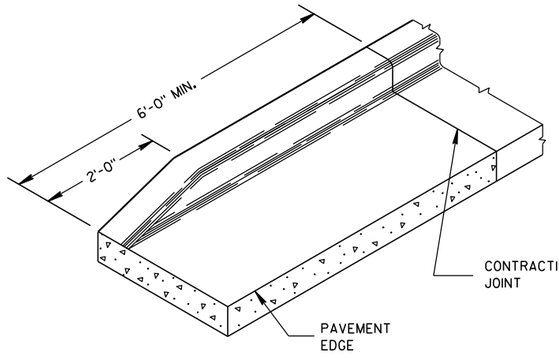
NO. 6 X 12" DEF. BARS SPACED 3'-0" C-C, INSTALLED ON 6:1 SKEW HORIZONTALLY. DIRECTION OF SKEW ALTERNATING AFTER EVERY ONE OR TWO BARS.



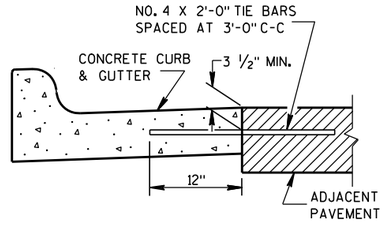
THE HOLE FOR THE BAR SHALL BE DRILLED TO A DEPTH OF 7" AND TO A DIAMETER TO PROVIDE A TIGHT DRIVEN FIT.

SECTION A-A

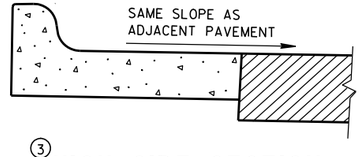
PAVEMENT TIES



END SECTION CURB & GUTTER



① TYPICAL TIE BAR LOCATION



③ HIGH SIDE SECTION

(TYPICAL FOR ALL CURB & GUTTER)

CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES

(For Optional Use in Milwaukee Co. Only)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/2/2010 — DATE

/S/ Jerry Zogg — ROADWAY STANDARDS ENGINEER

337

ENT

FHWA

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S.D.D. 8 D 16-10

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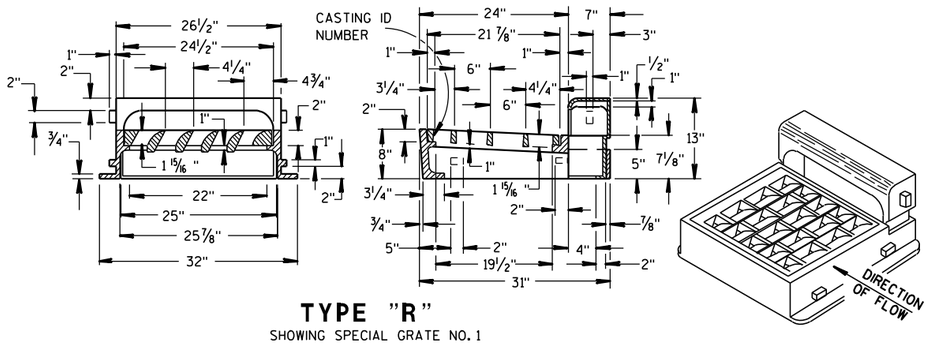
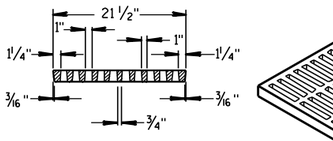
S.D.D. 8 D 16-10

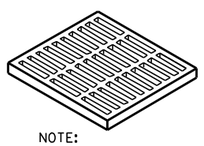
INLET COVERS



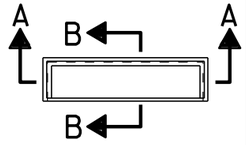
TYPE "R"

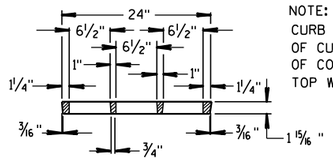
SHOWING SPECIAL GRATE NO. 1
(TO BE NOTED AS R-1 IN DRAINAGE TABLE)



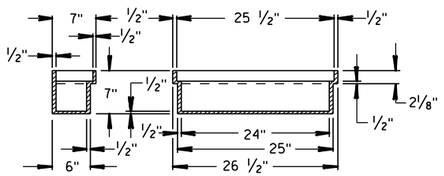


(APPROX. WEIGHT - 510 LBS.)
FRAME..... 245 LBS.
CURB..... 120 LBS.
GRATE..... 145 LBS.





NOTE:
CURB PLUG USED IN PLACE OF CURB BOX IN ABSENCE OF CONC. CURB. FILL TO TOP WITH CONCRETE.



SECTION B-B SECTION A-A

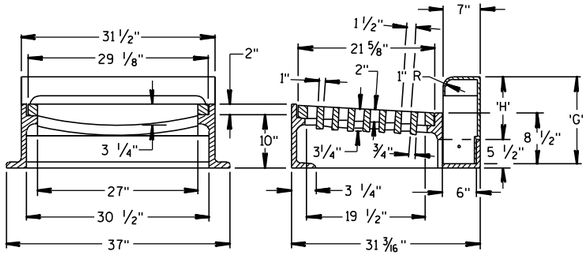
GRATE FOR TYPE "R" INLET COVER

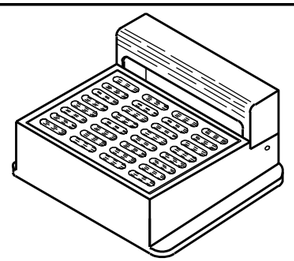
(GRATE..... 150 LBS.)
(TO BE USED UNLESS OTHERWISE NOTED IN DRAINAGE TABLE)

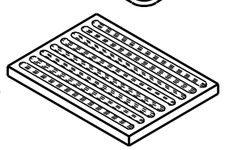
SPECIAL CURB PLUG "P"

(CURB PLUG..... 85 LBS.)
(TO BE NOTED AS R-P IN DRAINAGE TABLE)

'H' = 9" FOR 6" CURB
'H' = 11" FOR 8" CURB
'G' = 13 3/4" FOR 6" CURB
'G' = 15 3/4" FOR 8" CURB



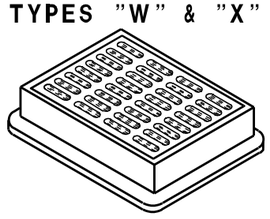


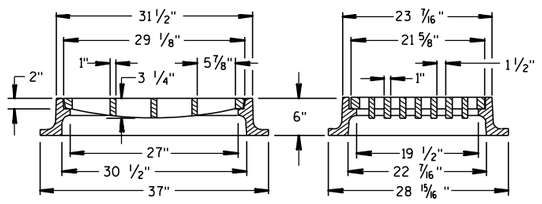


TYPE "W"

(APPROX. WEIGHT - 670 LBS.)
FRAME..... 350 LBS.
CURB BOX..... 135 LBS.
GRATE..... 185 LBS.

ALTERNATE GRATE
(FOR EXPRESSWAY RAMPS)
TYPES "W" & "X"

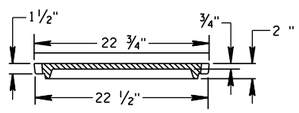




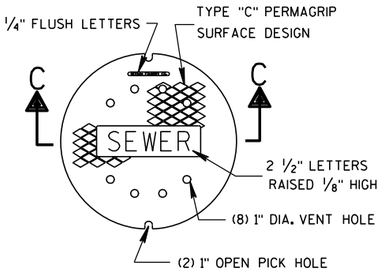
TYPE "X"

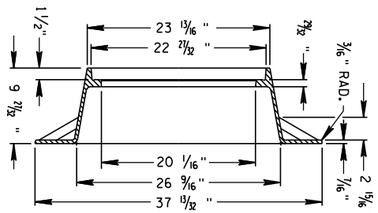
(APPROX. WEIGHT - 470 LBS.)

MANHOLE COVER



SECTION C-C





TYPE "Q"

(APPROX. WEIGHT - 290 LBS.)

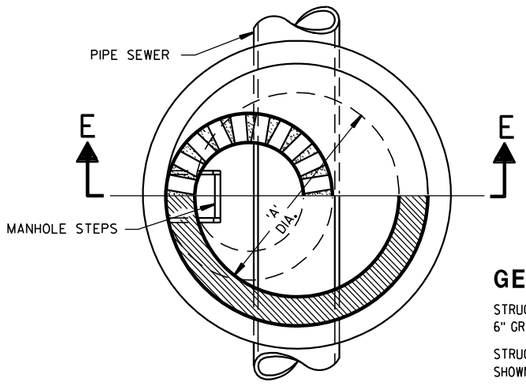
TABLE OF DIMENSIONS

TYPE	'A'	'B'	'C'
11	3'-6"	2'-8"	12" - 36"*
12	4'-0"	3'-8"	12" - 42"**
13	5'-0"	5'-8"	42" - 48"
14	6'-0"	7'-8"	54" - 60"

* 12" - 21" FOR PRECAST MANHOLES
** 12" - 24" FOR PRECAST MANHOLES

THE FIRST STEP SHALL BE PLACED 16" ABOVE THE BENCH.

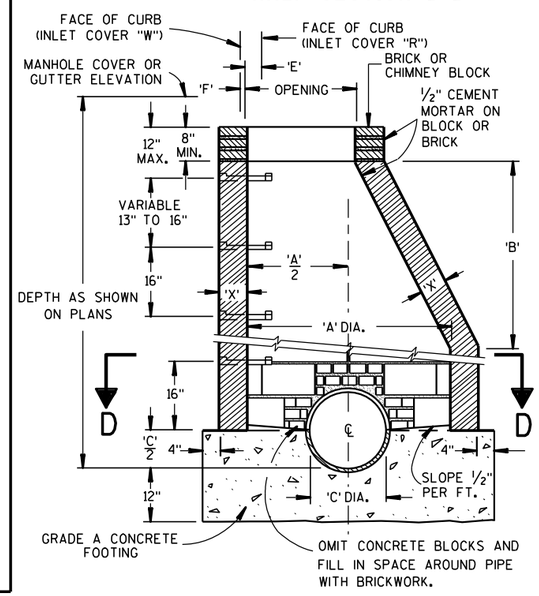
MANHOLE



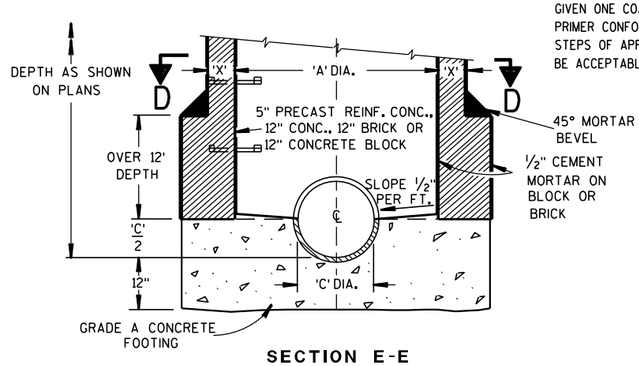
HALF SECTION D-D

TABLE OF OPENING DIMENSIONS

TYPE	COVER DESCRIPTION	OPENING	'E'	'F'
"O"	ROUND	2'-2" DIA.	—	—
"W"	CURB BOX	1'-8" X 2'-6"	—	1"
"X"	INLET	1'-10" X 2'-6"	—	—
"R"	CURB BOX	2'-0" X 2'-1"	4"	—



SECTION E-E



SECTION E-E

TYPES 11, 12, 13 & 14

GENERAL NOTES

STRUCTURE WALL THICKNESS 'X' TO BE 8" BRICK, 6" CONCRETE BLOCK, 6" GRADE A CONCRETE OR 5" PRECAST REINFORCED CONCRETE.

STRUCTURE FOOTINGS ARE TO BE GRADE A CONCRETE OF THE THICKNESS SHOWN IN THE DETAIL OR 5" PRECAST REINFORCED CONCRETE.

REINFORCEMENT FOR 5" PRECAST REINFORCED CONCRETE SHALL BE 6" X 6" W16 X W16 WELDED SREEL WIRE FABRIC AND SHALL BE EMBEDDED 2" CLEAR.

PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

PRECAST CONCRETE FLAT SLAB TOPS MAY BE USED ON THE STRUCTURES. THE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6" IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACK-FILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

SET FRAME ELEVATION 0.03 FT. LOWER THAN ELEVATION INDICATED ON THE PLANS.

THE CONTRACTOR MAY FORM AND POUR MONOLITHIC CONCRETE INVERT PROVIDED THE PIPE ENDS ARE EXTENDED INTO THE M.H. AND NOT TERMINATED WITHIN THE M.H. WALLS.

MANHOLE STEPS

STEPS MEETING THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH; 16 INCH C-C MAX. SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM WALL EMBEDMENT OF 3 INCHES IN PRECAST MANHOLE AND 6 INCHES IN 8 INCH BRICK OR 6 INCH BLOCK MANHOLE; TREAD OF STEP SHALL HAVE A NON-SKID SURFACE AND BE FLANKED BY CLEATS, WITH A MINIMUM OF 10 INCHES CLEAR BETWEEN CLEATS, TO PREVENT FOOT SLIPPING OFF THE EDGE CLEATS SHALL BE A MINIMUM OF 3/4 INCH HIGH BY 3/4 INCH WIDE HAVING A MINIMUM THICKNESS OF 3/8 INCH. STEPS SHALL BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 300 LBS. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

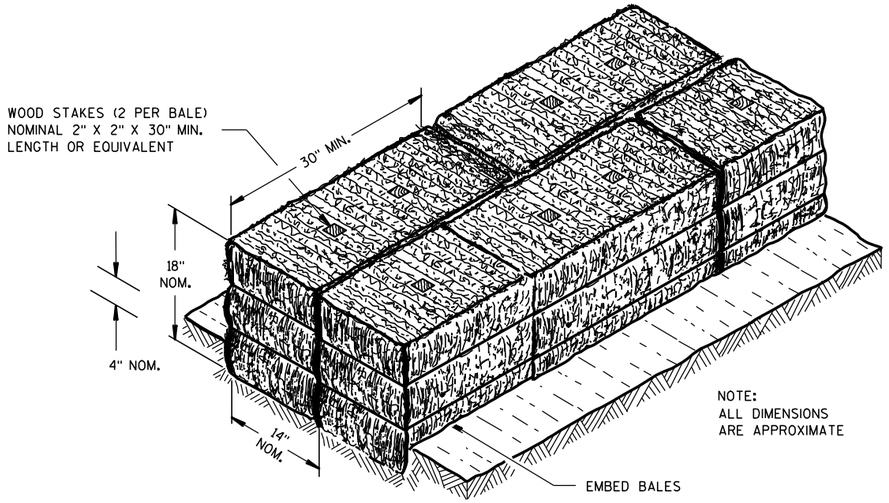
SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCING BAR WILL BE ACCEPTABLE.

MANHOLES, MANHOLE & INLET COVERS

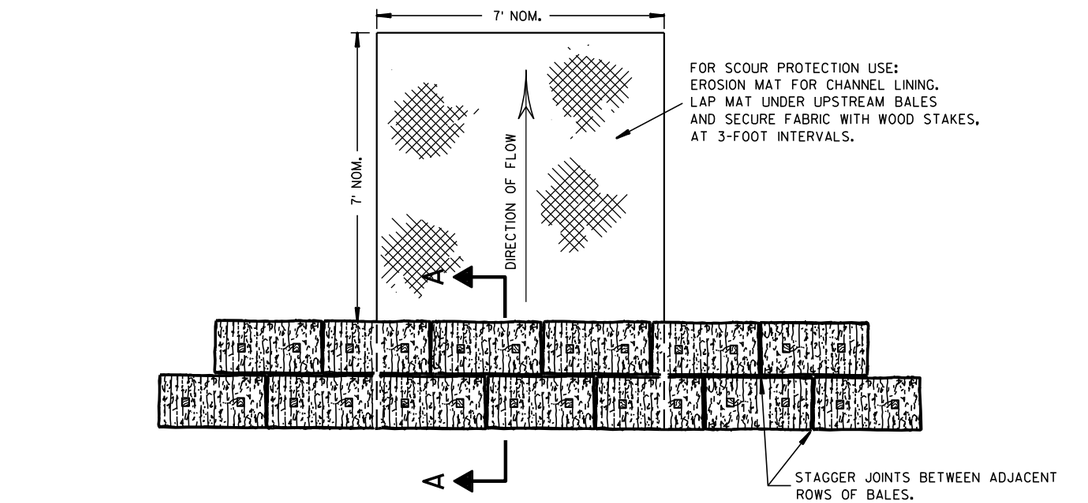
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/12/2011 — DATE
/S/ Jerry H. Zogg — ROADSIDE STANDARDS ENGINEER
338
FHWA

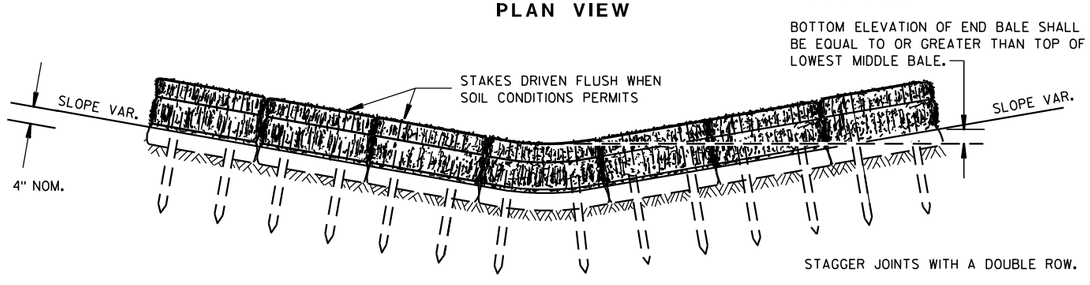
6
S.D.D. 8 D 17-6



SECTION A-A



PLAN VIEW



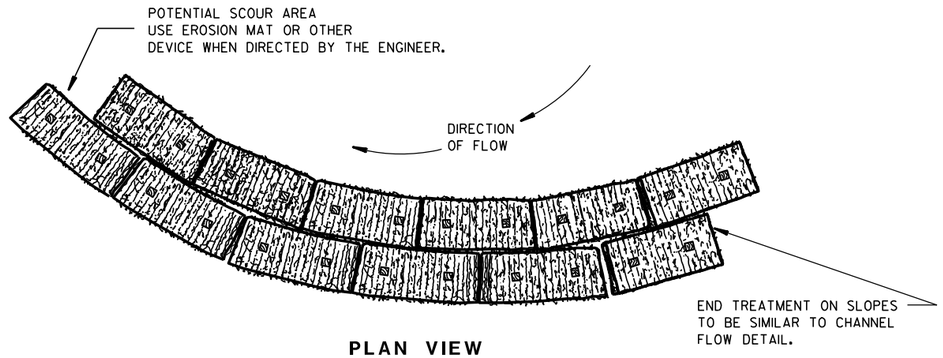
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

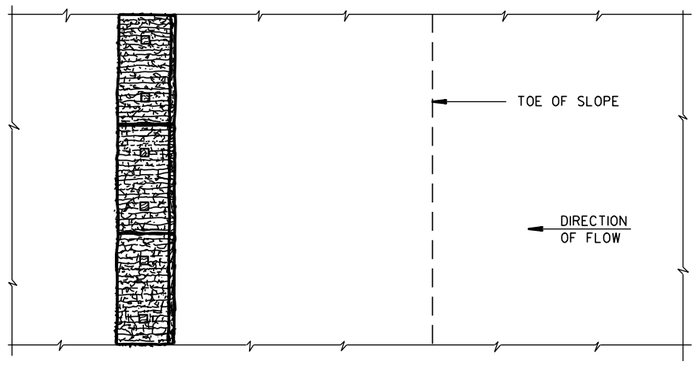
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

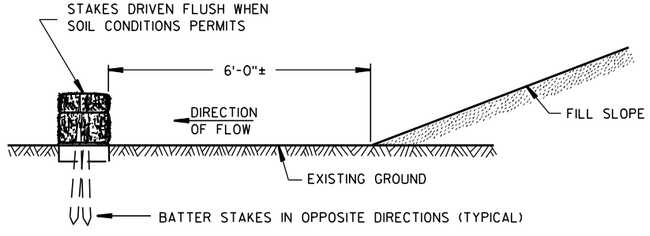


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

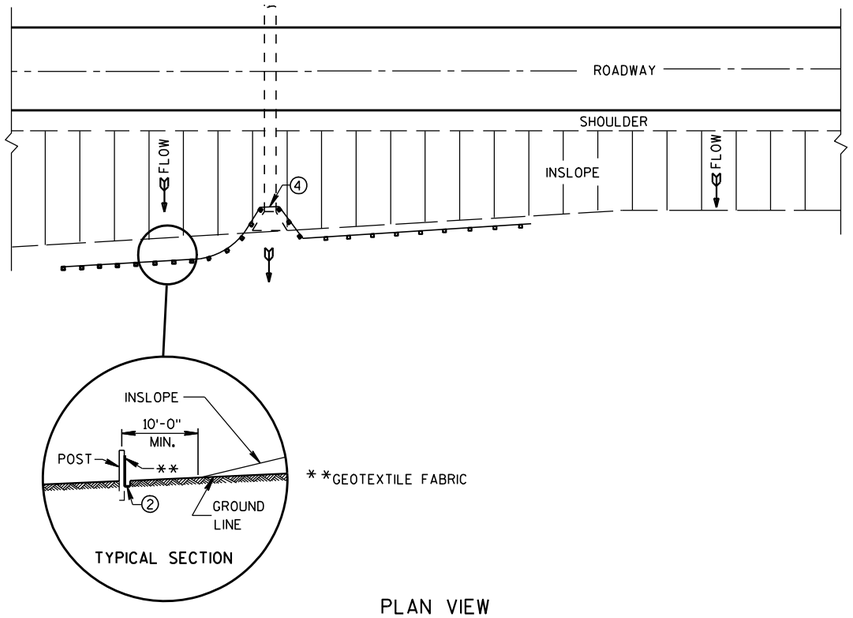
APPROVED

6/04/02 DATE — /S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

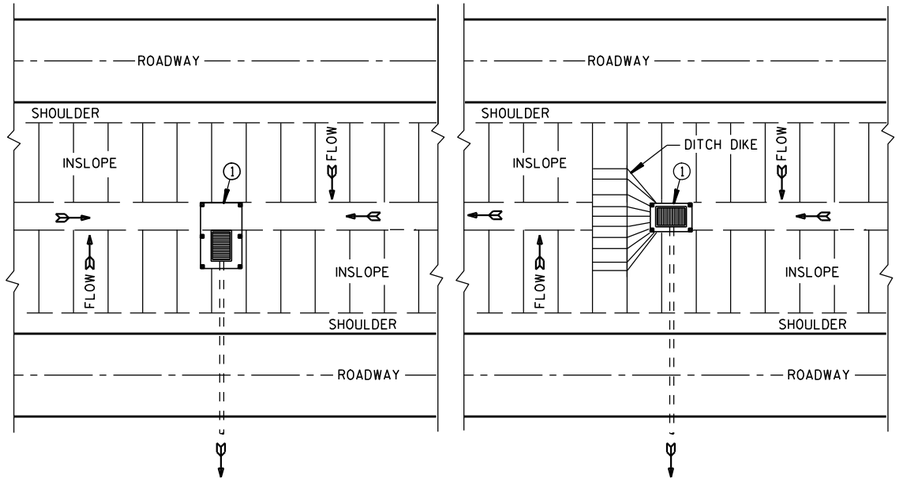
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



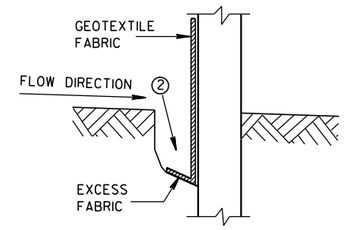
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

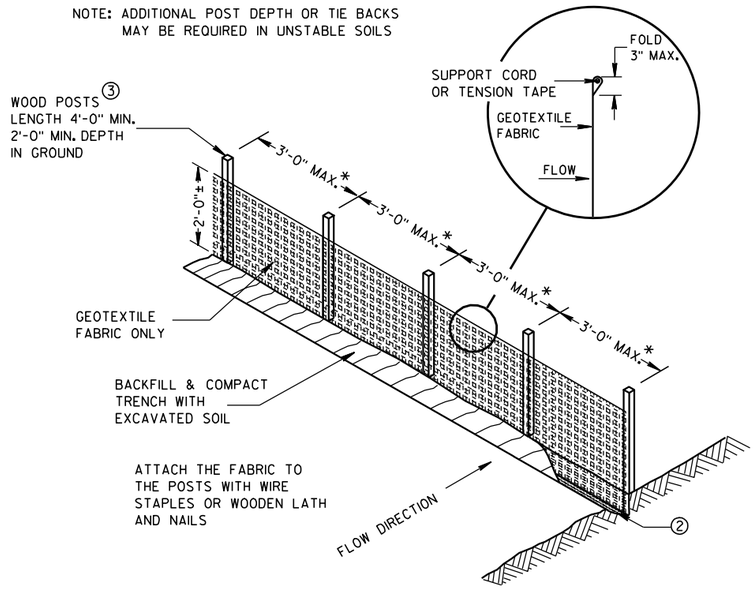
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

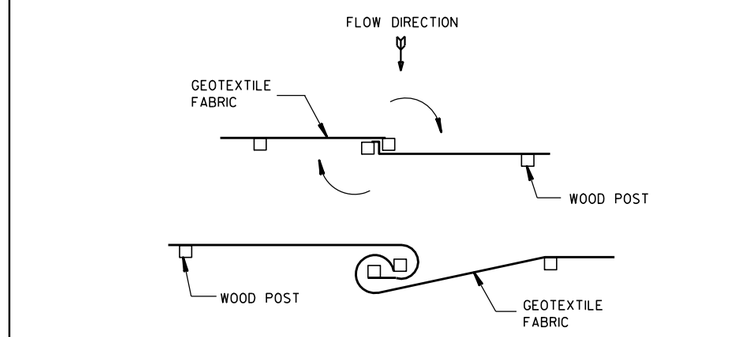


TRENCH DETAIL

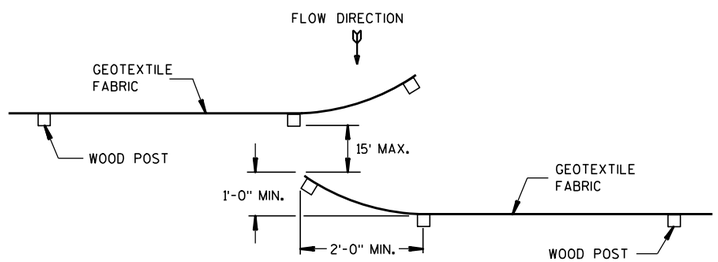


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

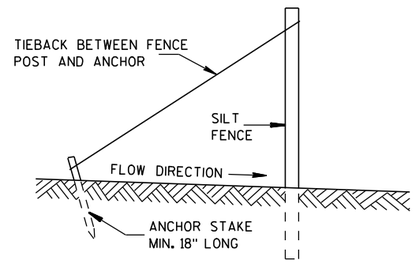


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

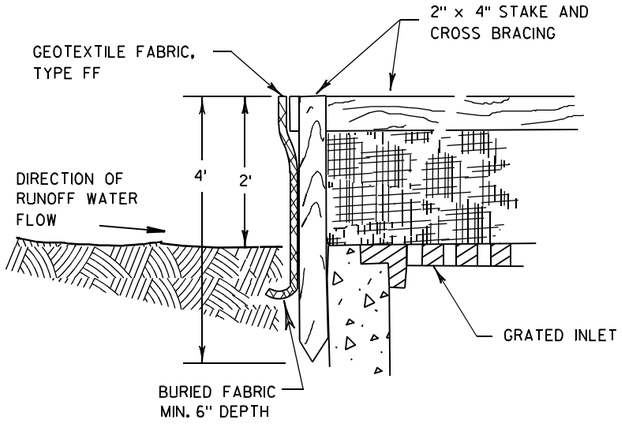
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

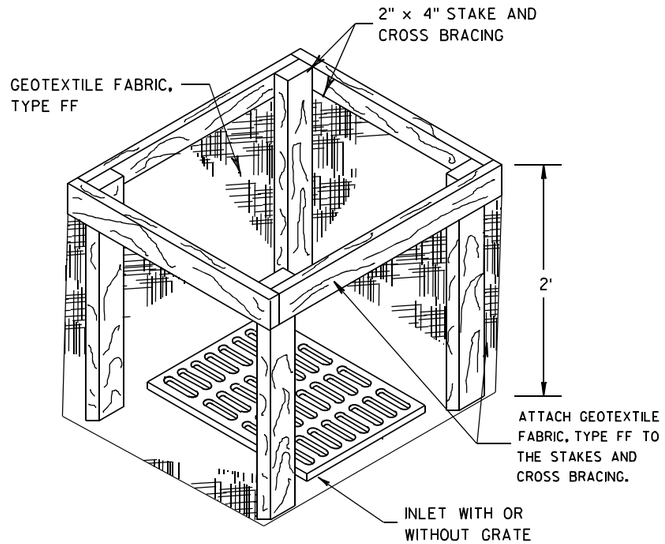
6

S.D.D. 8 E 9-6

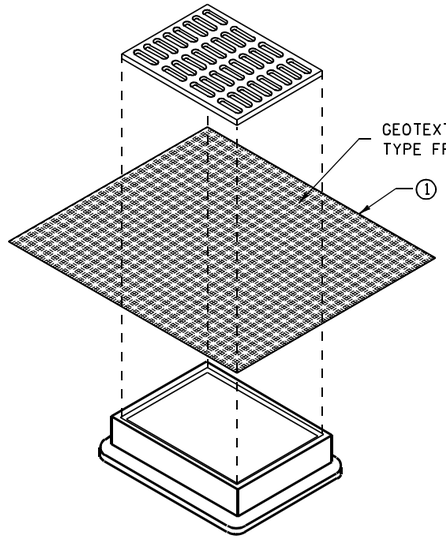
6

S.D.D. 8 E 9-6



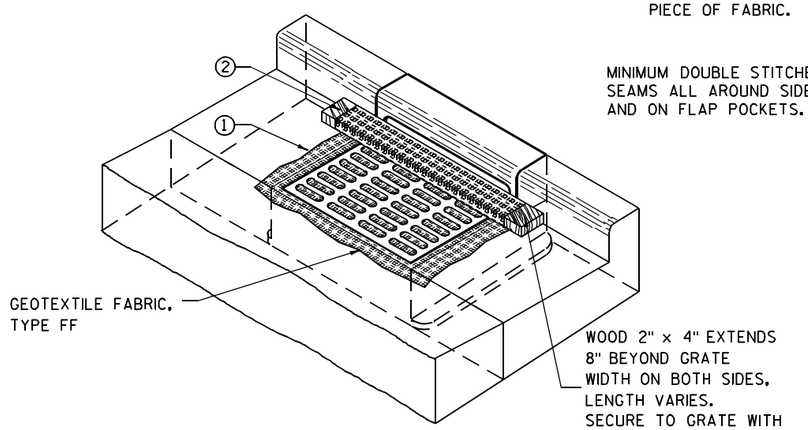


INLET PROTECTION, TYPE A

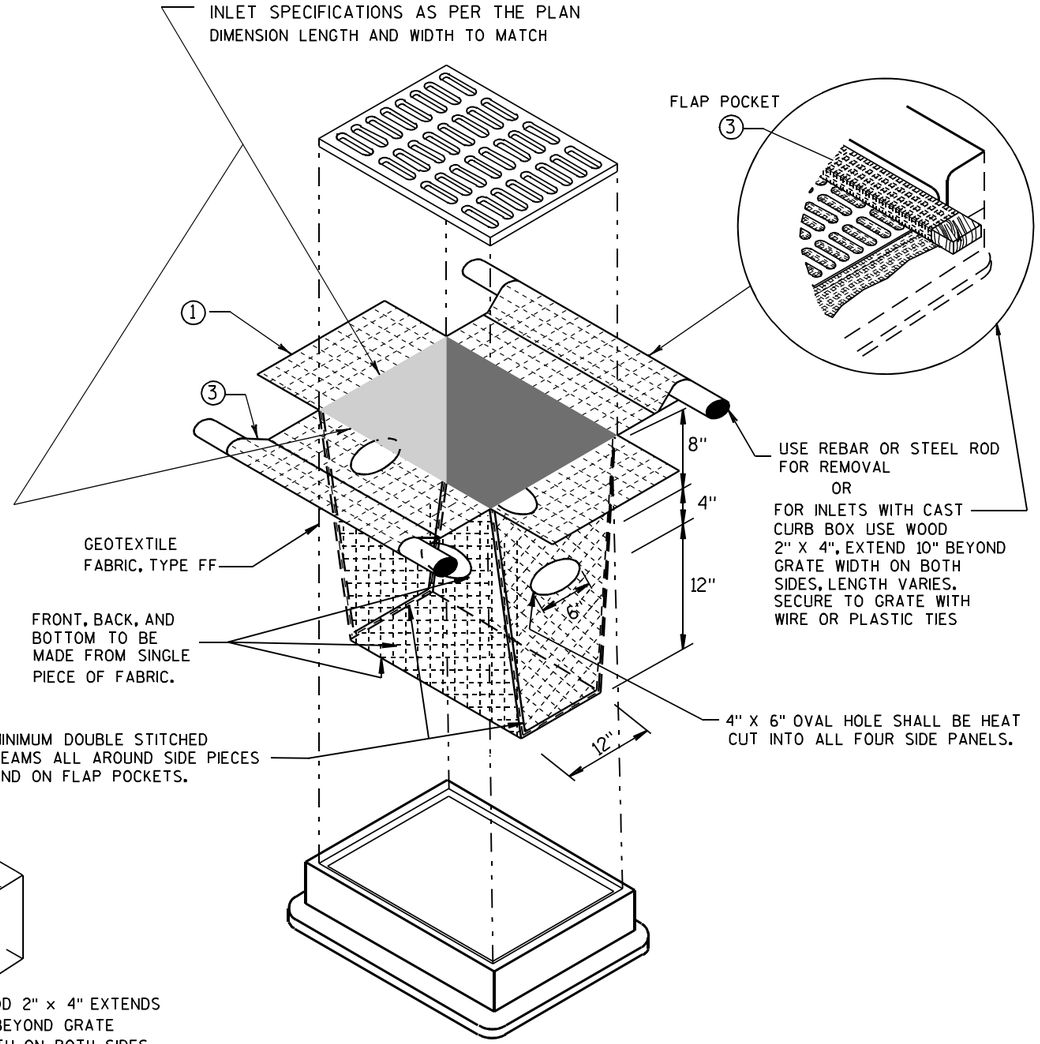


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6
S.D.D. 8 E 10-2

METAL APRON ENDWALLS

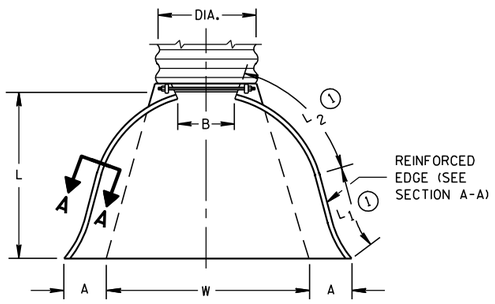
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

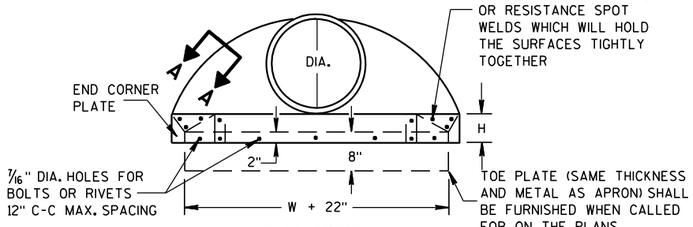
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

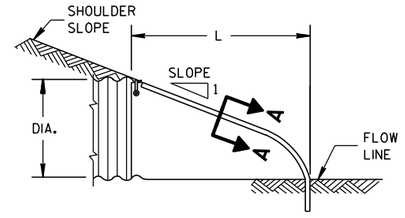
*MINIMUM
**MAXIMUM



PLAN VIEW

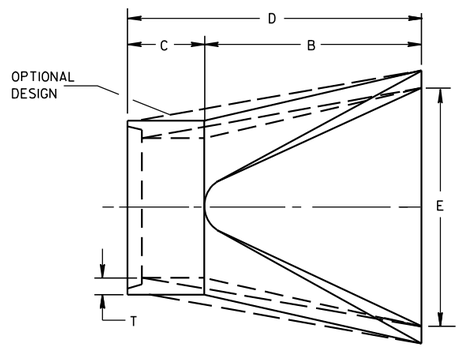


END VIEW

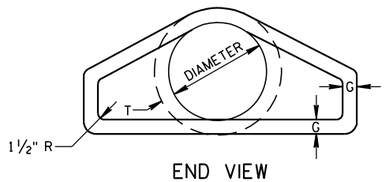


SIDE ELEVATION

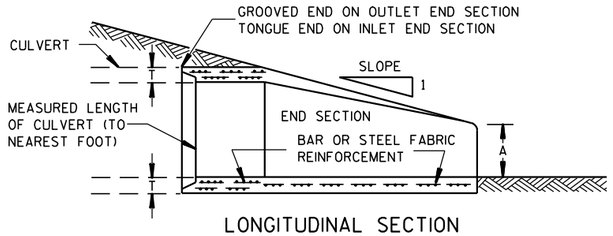
METAL ENDWALLS



PLAN

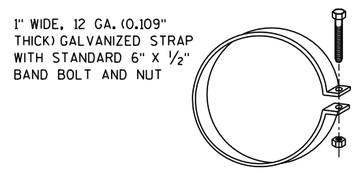


END VIEW



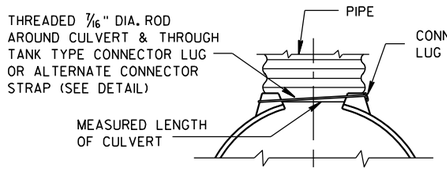
LONGITUDINAL SECTION

CONCRETE ENDWALLS

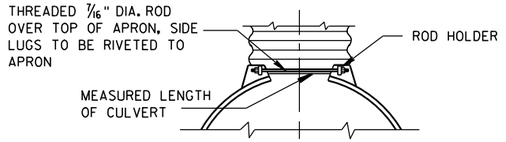


ALTERNATE FOR TYPE 1 CONNECTION

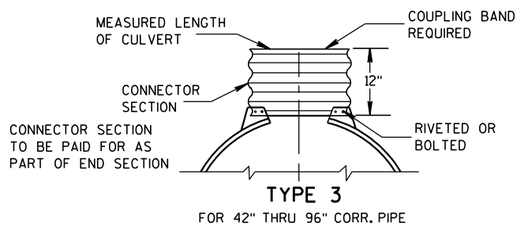
END SECTION CONNECTOR STRAP



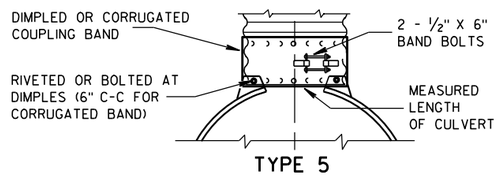
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

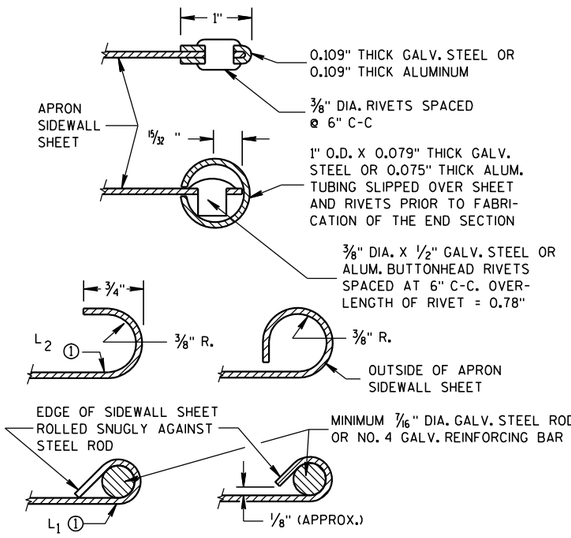
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

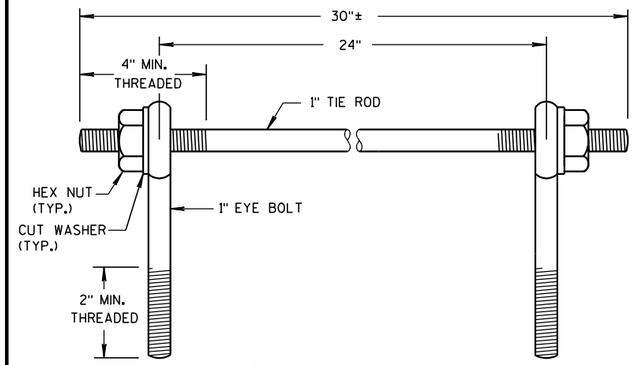
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

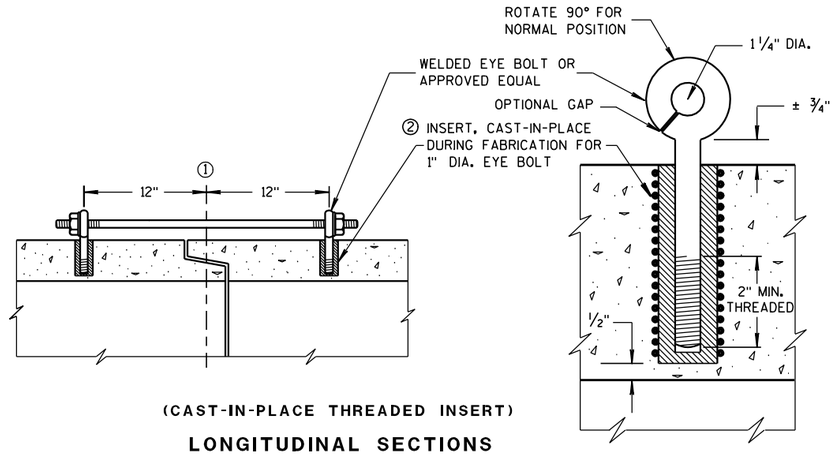
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

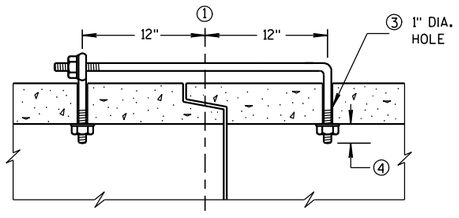
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

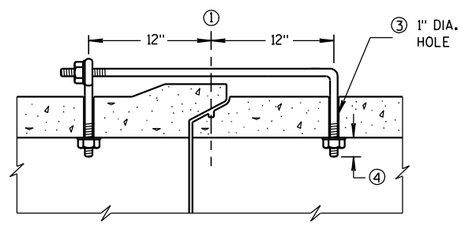
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

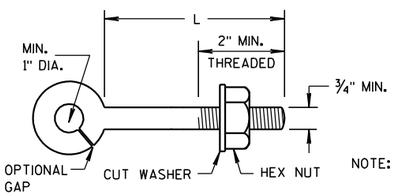


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

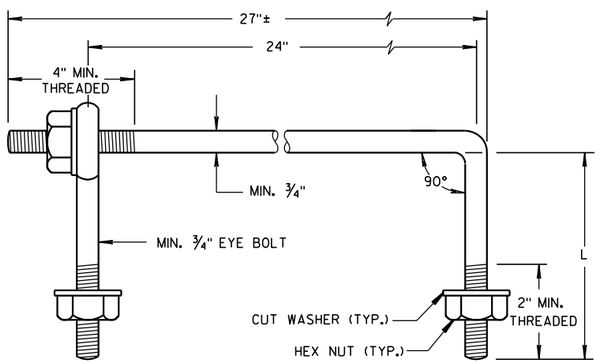
EYE BOLT DIMENSION TABLE

PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

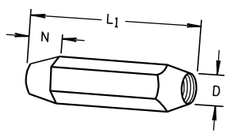
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

DIMENSIONS SHOWN ARE IN INCHES



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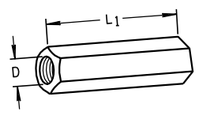
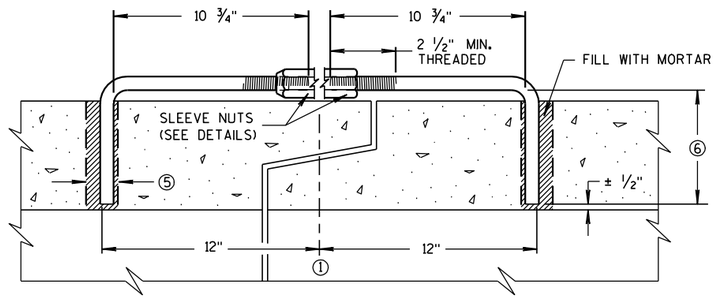


PLAIN

RIGHT AND LEFT THREADS

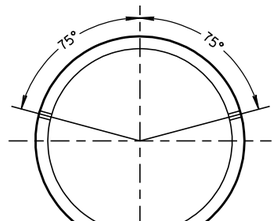
SLEEVE NUTS



LONGITUDINAL SECTION

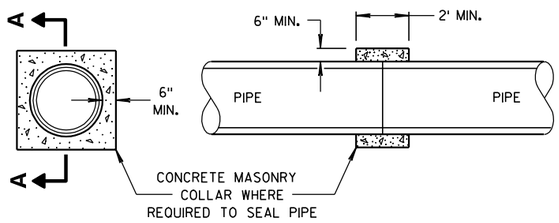
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
343
FHWA

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S.D.D. 8 F 4-7

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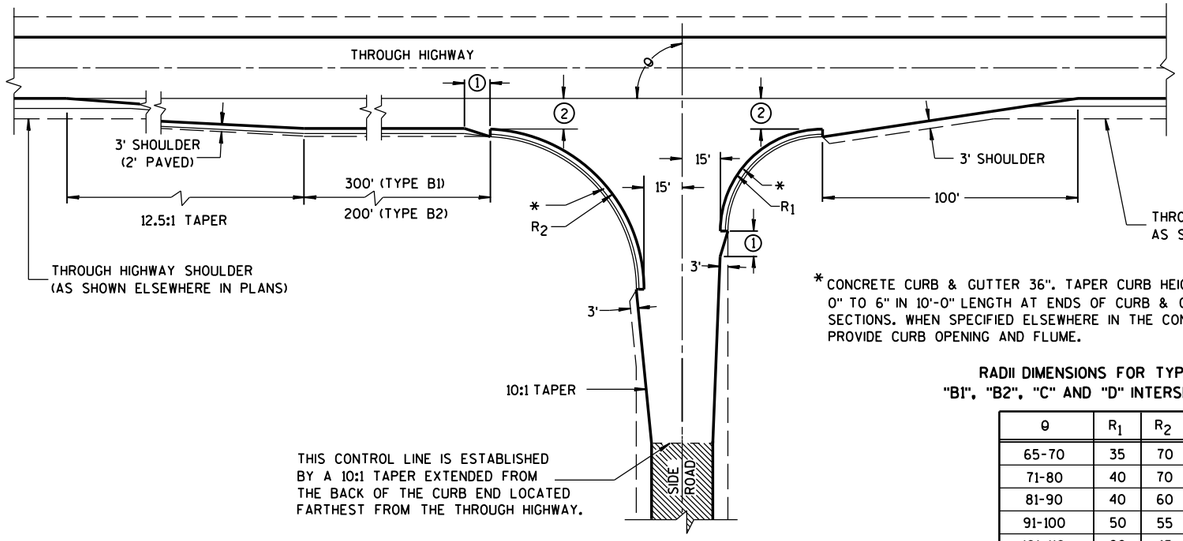
S.D.D. 8 F 4-7

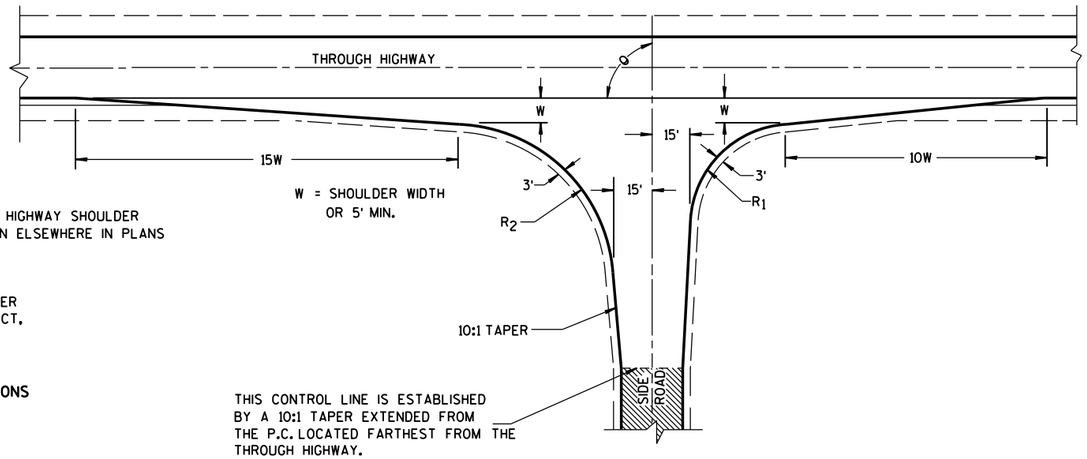


TYPE "B1" AND "B2"

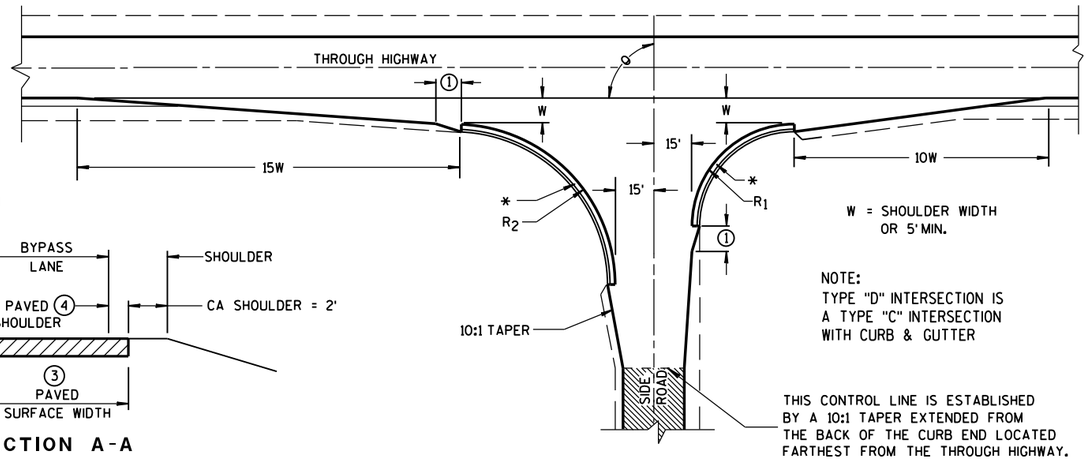
*CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65-70	35	70
71-80	40	70
81-90	40	60
91-100	50	55
101-110	60	45



TYPE "C"



TYPE "D"

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

EXISTING PAVED SURFACE

BYPASS LANE

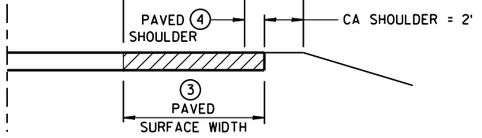
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

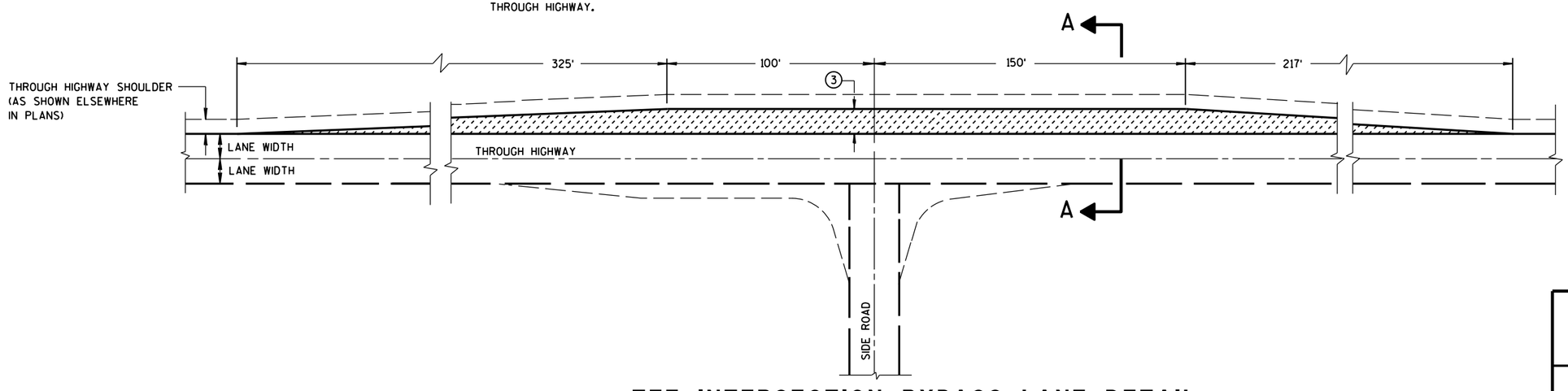
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
-ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH.
-PC CPNCRETE = 13-FT PLUS PAVED SHOULDER WIDTH.

(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



SECTION A-A
(SHOWING BYPASS LANE AND SHOULDER)



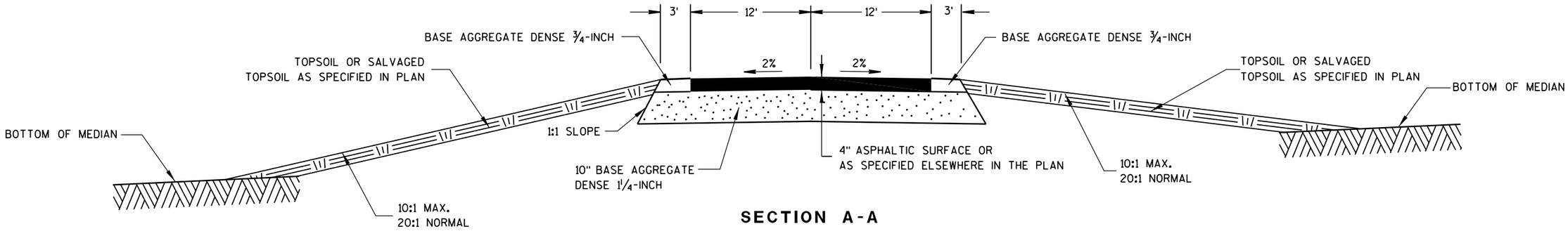
TEE INTERSECTION BYPASS LANE DETAIL

AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

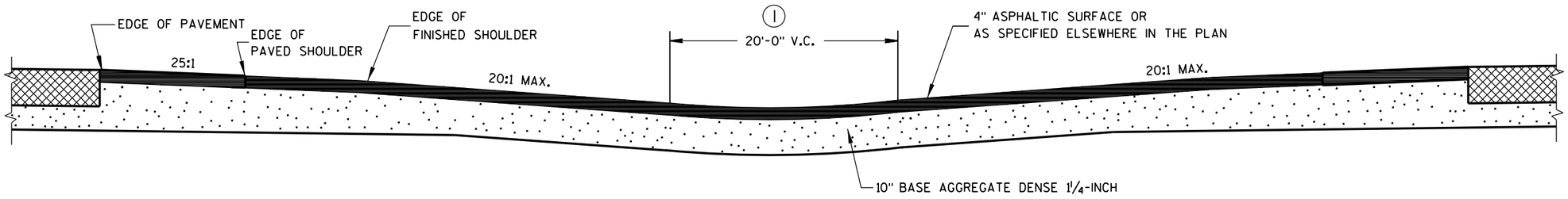
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

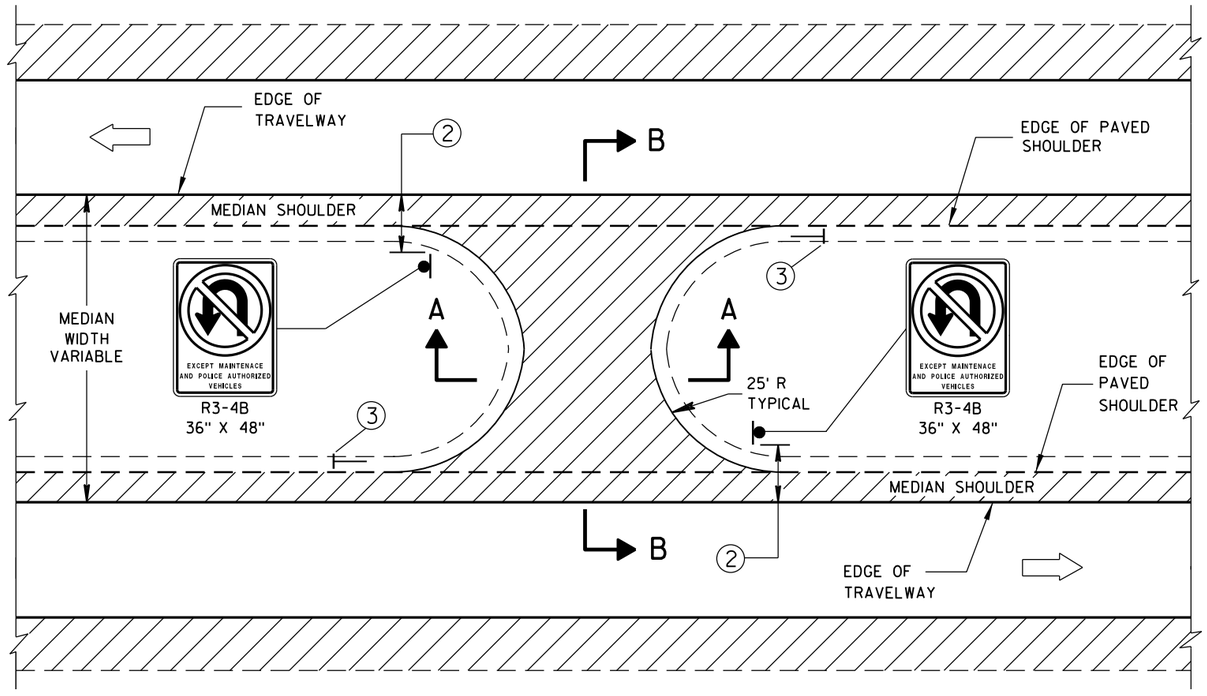
S.D.D. 9 A 1-13a



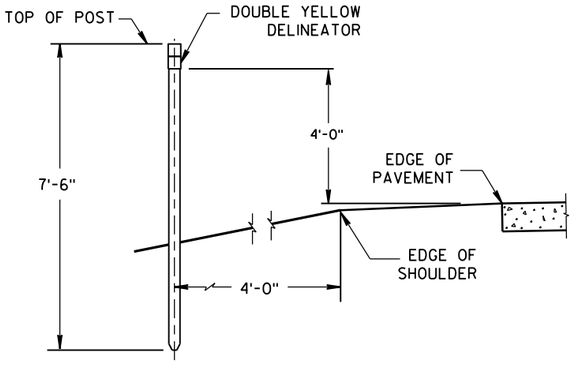
SECTION A-A



SECTION B-B



PLAN VIEW



DOUBLE YELLOW DELINEATOR INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) ADJUST VERTICAL CURVE LOCATION LATERALLY TO MAINTAIN 20:1 MAX.

(2) SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

(3) INSTALL DOUBLE YELLOW DELINEATOR. SEE STANDARD DETAIL DRAWING 15A2.

MAINTENANCE CROSSOVER FOR FREEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 — DATE

/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER

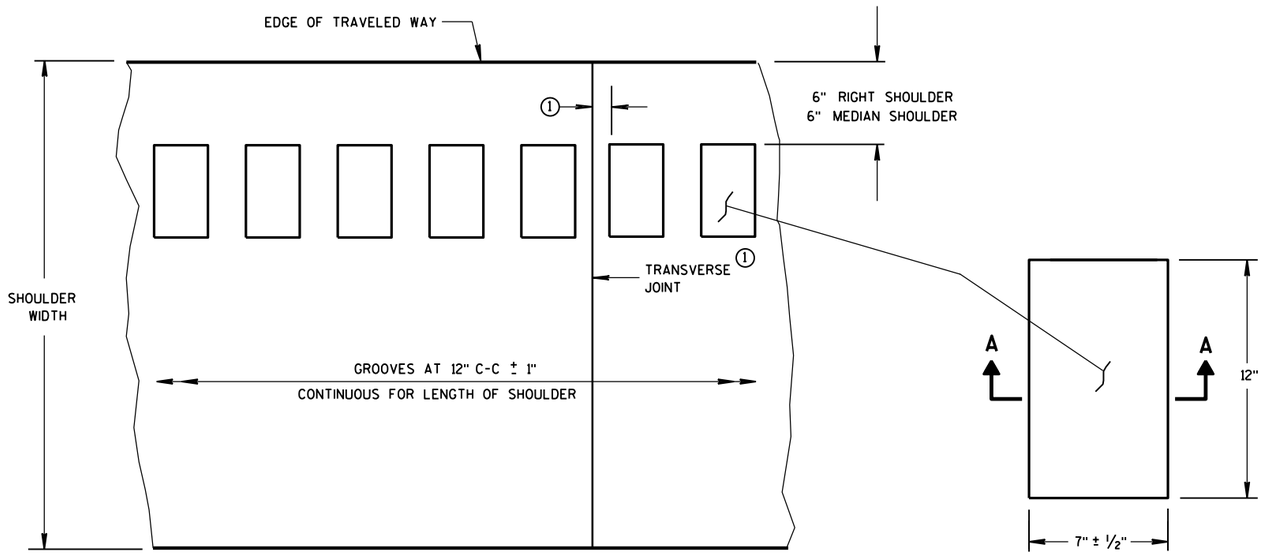
FHWA

6

S.D.D. 11 A 1-5

6

S.D.D. 11 A 1-5



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

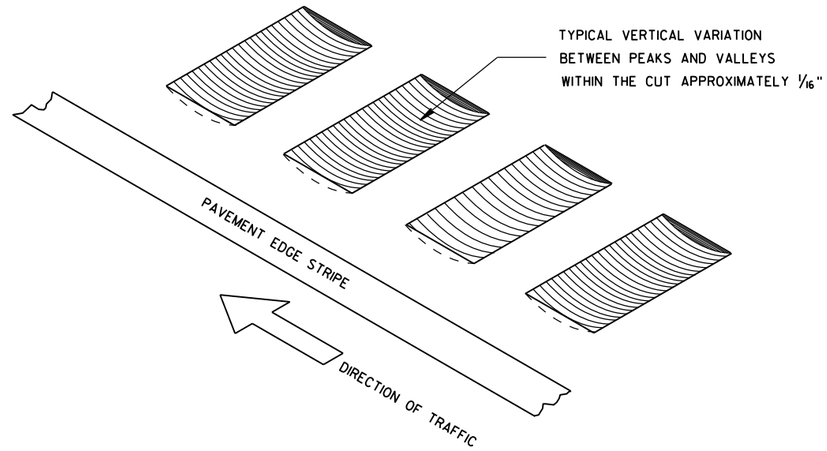
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

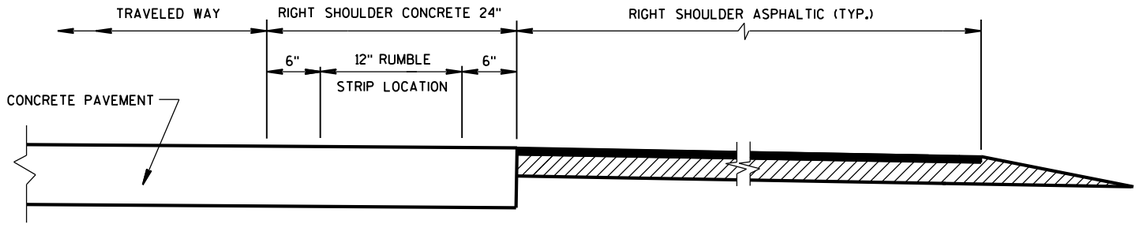
RUMBLE STRIPS ON EXPRESSWAYS

DO NOT INSTALL RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL DRIVEWAYS, PRIVATE DRIVEWAYS OR ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, BRIDGE DECKS, BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSING. THE ATTACHED STANDARD DETAIL DRAWING SHOWS THE LOCATION OF THE RUMBLE STRIPS AT INTERCHANGE AREAS.

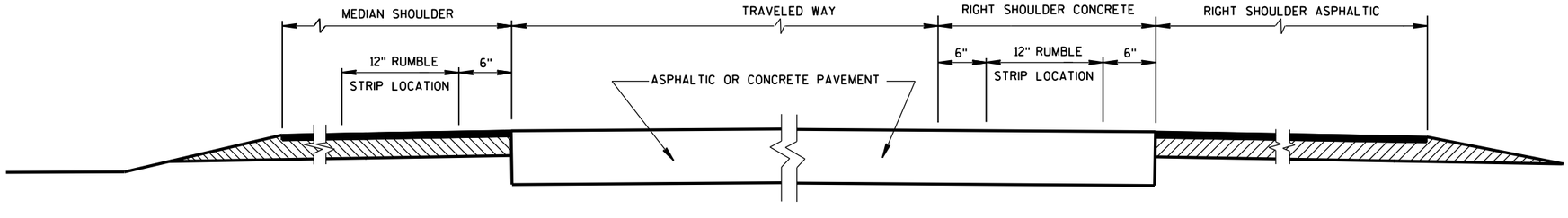
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



ISOMETRIC



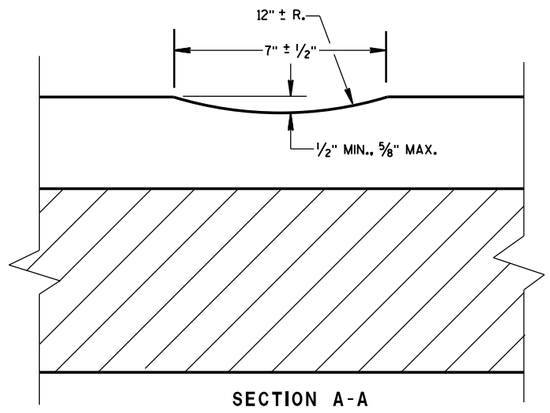
SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)



SECTION A-A

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 13 A 5-5a

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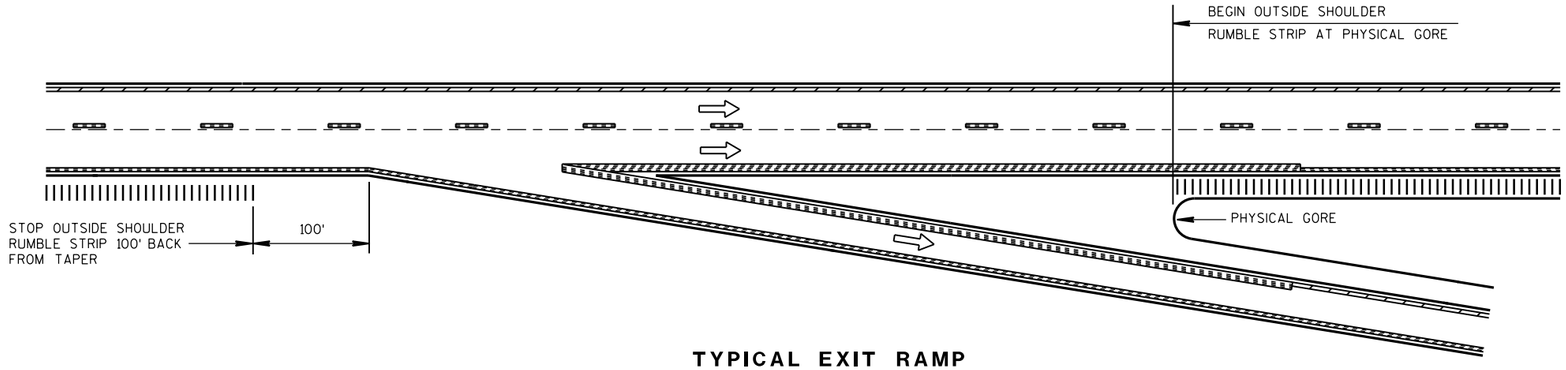
S.D.D. 13 A 5-5a



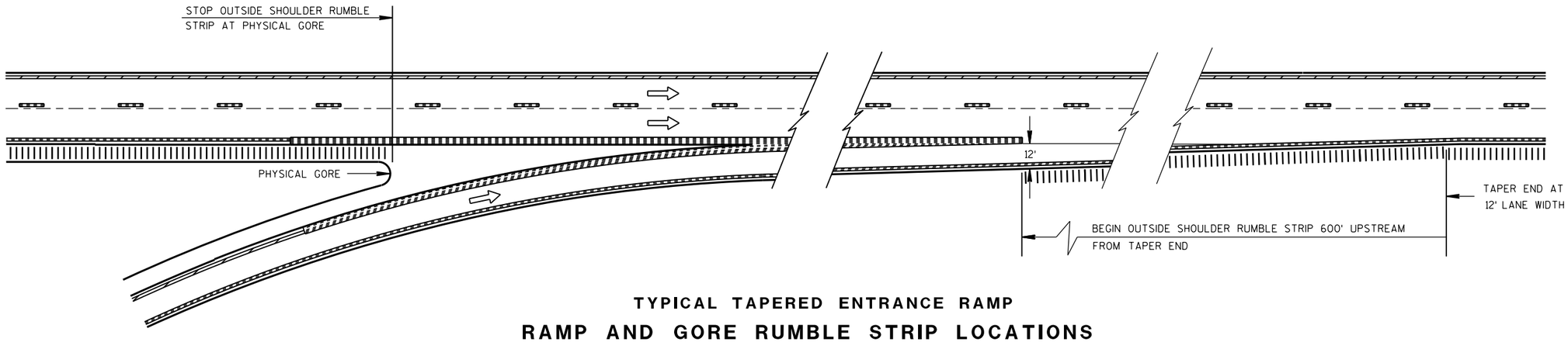
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

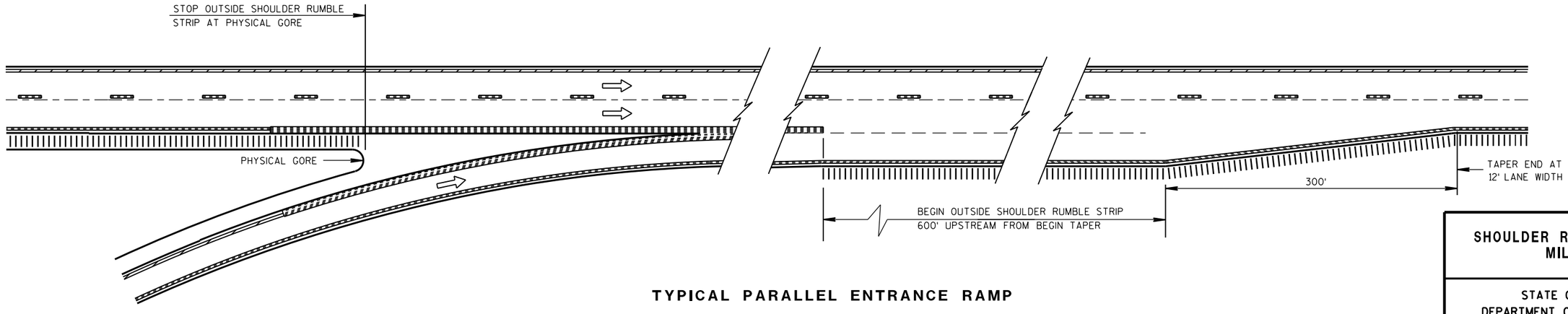
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS

SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/17/2012
DATE

/S/ Jerry H. Zoga
ROADWAY STANDARDS ENGINEER

FHWA

6

S.D.D. 13 A 5-5b

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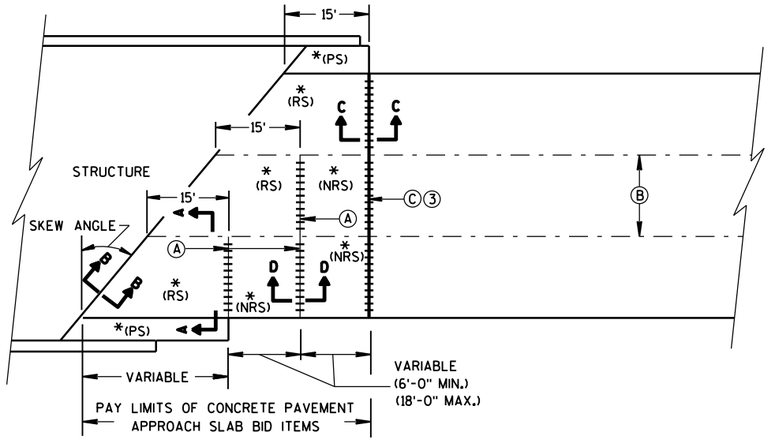
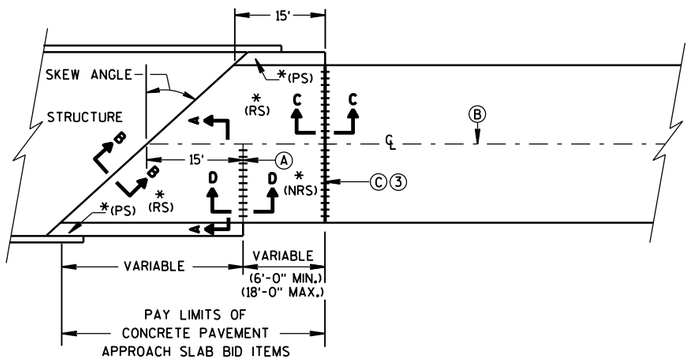
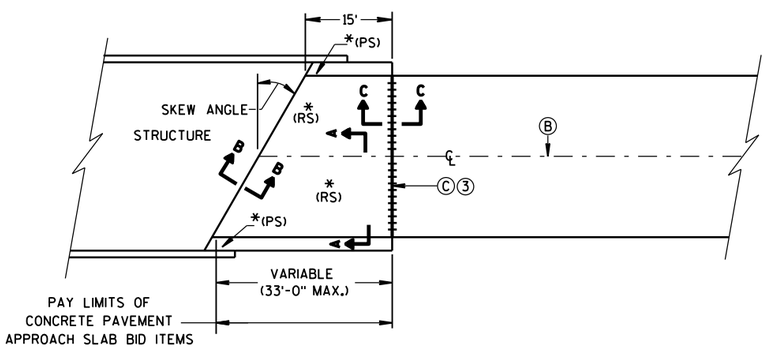
S.D.D. 13 A 5-5b



SKEWED APPROACH
(PAVEMENT MORE THAN 2 LANES)



SKEWS >20°
(PAVEMENT WIDTH ≤30')



SKEWS ≤20°
(PAVEMENT WIDTH ≤30')

APPROACH SLAB AND ADJACENT PAVEMENT

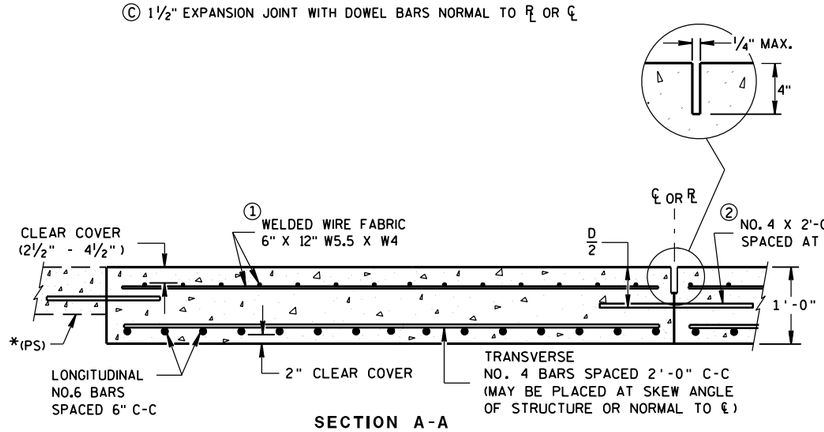
*(RS) = REINFORCED CONCRETE SLAB
*(PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB
(SEE DETAILS ELSEWHERE IN THE PLAN)
*(NRS) = NON-REINFORCED CONCRETE SLAB

***STANDARD DOWEL BAR DIAMETER
(SEE SDD 13C11, & SDD 13C13)

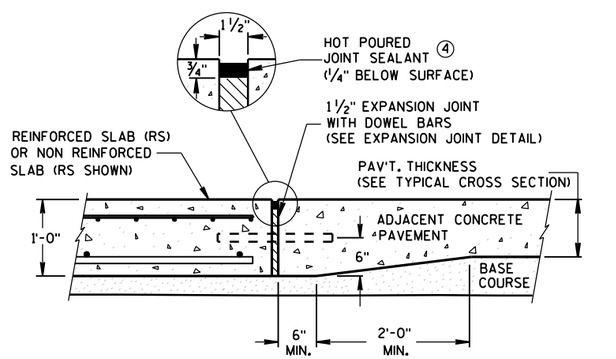
Ⓐ STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℄

Ⓑ STANDARD LONGITUDINAL JOINT WITH TIE BARS.

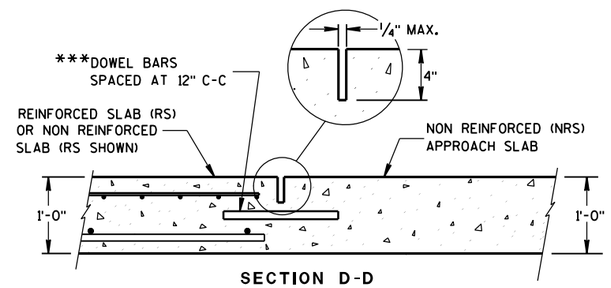
Ⓒ 1½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℄



SECTION A-A
REINFORCEMENT POSITIONING DETAIL



SECTION C-C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT



SECTION D-D
CONTRACTION JOINT

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

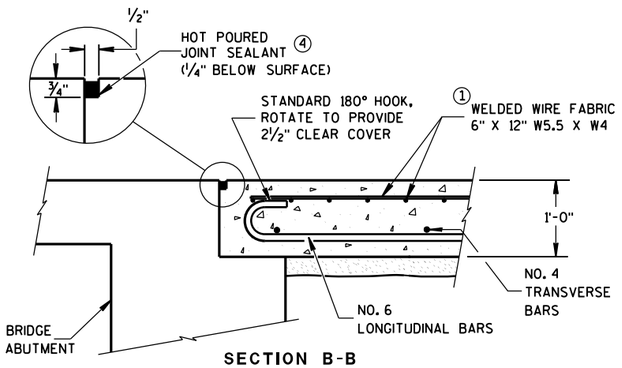
① THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2'-0" C-C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

② THE CONTRACTOR MAY OMIT TIE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

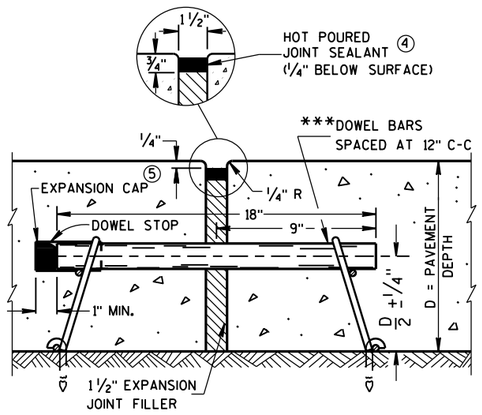
③ DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

④ USE A JOINT SEALANT MEETING THE REQUIREMENTS OF ASTM D6690.

⑤ PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.



SECTION B-B
BEND DETAIL
BOTTOM REINFORCEMENT



EXPANSION JOINT DETAIL

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Peter Kemp, P.E.
PAVEMENT SUPER
FHWA

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S.D.D. 13 B 2-8a

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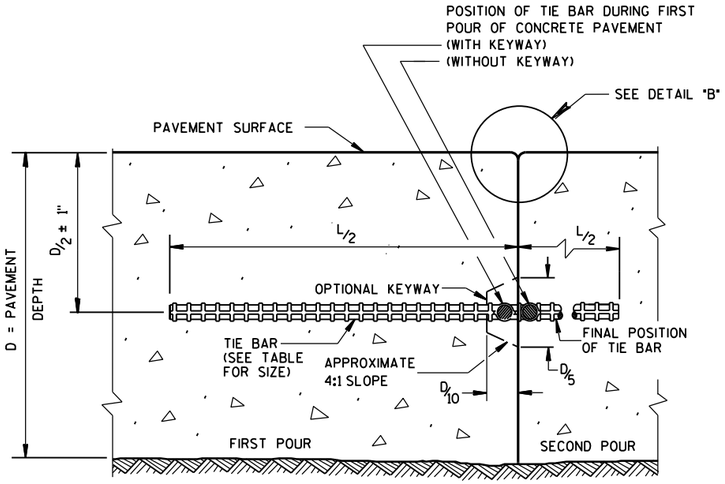
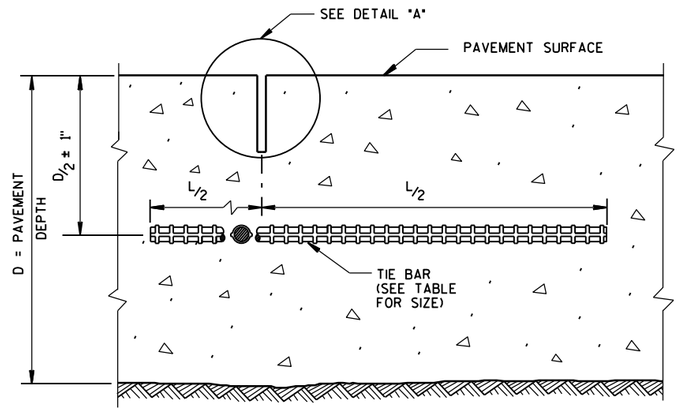
S.D.D. 13 B 2-8a



CONSTRUCTION JOINT



SAWED JOINT

GENERAL NOTES

DO NOT SEAL OR FILL LONGITUDINAL JOINTS.

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

PLAN VIEW

SECTION A-A

LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

DETAIL "A"

DETAIL "B"

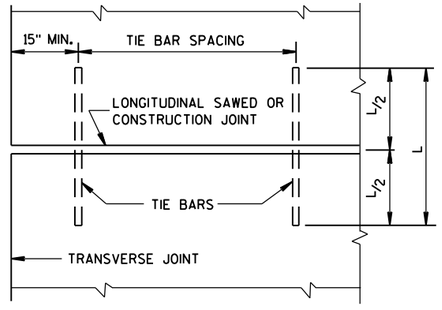
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPER
FHWA

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S.D.D. 13 C 1-18

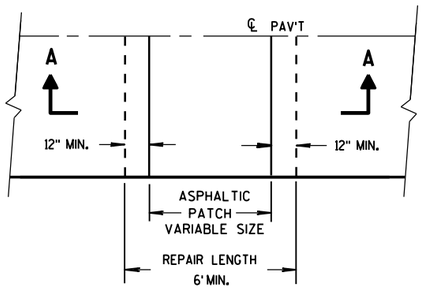
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

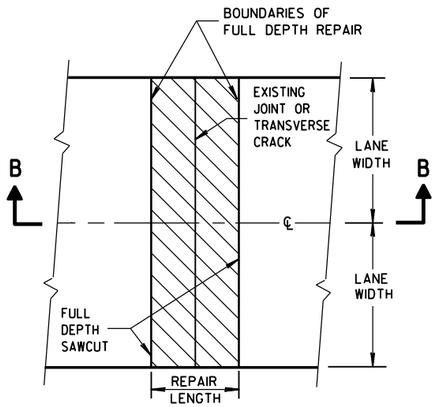
PROVIDE A 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

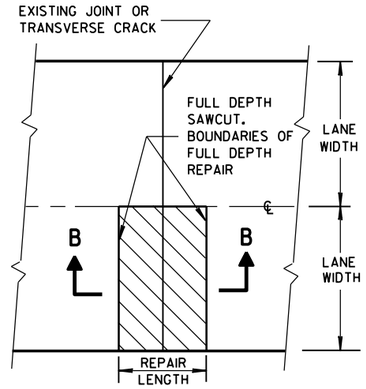
(1) DOWEL BARS MIGHT NOT EXIST.



PLAN VIEW

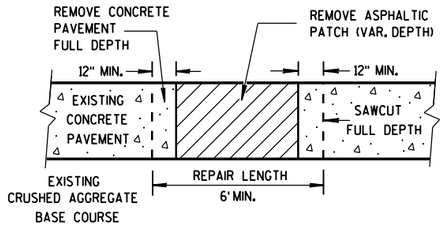


PLAN VIEW
(DOUBLE LANE REPAIR)



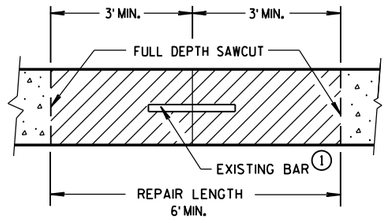
PLAN VIEW
(SINGLE LANE REPAIR)

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION A-A

HMA PATCH REMOVAL



SECTION B-B

CONCRETE REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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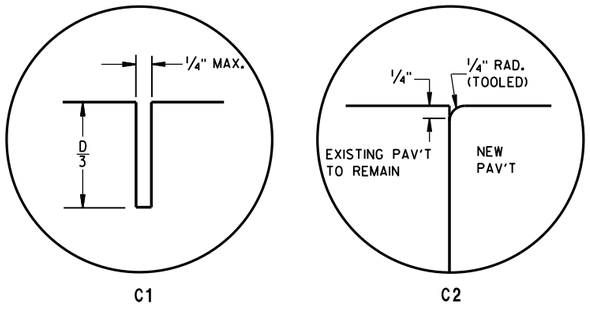
S.D.D. 13 C 9-14a



C1 C2

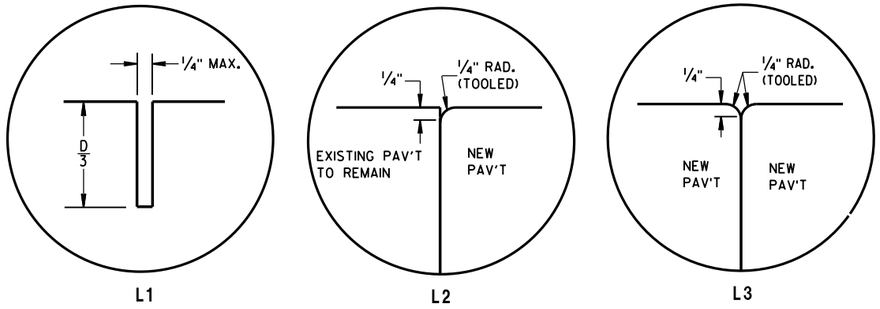
TRANSVERSE JOINTS

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24"**

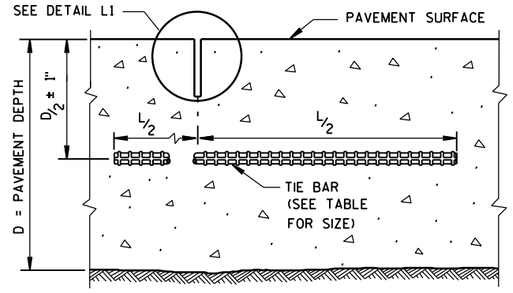
* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



L1 L2 L3

LONGITUDINAL JOINTS



SECTION C-C

SAWED LONGITUDINAL JOINT

GENERAL NOTES

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

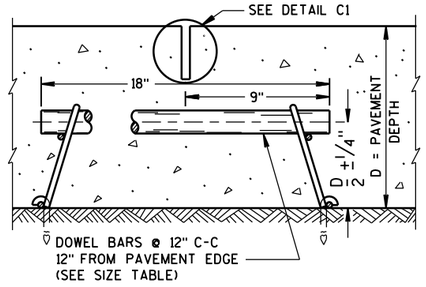
CONCRETE PAVEMENT REPAIRS OF EXISTING NONDOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

DO NOT SEAL OR FILL JOINTS.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

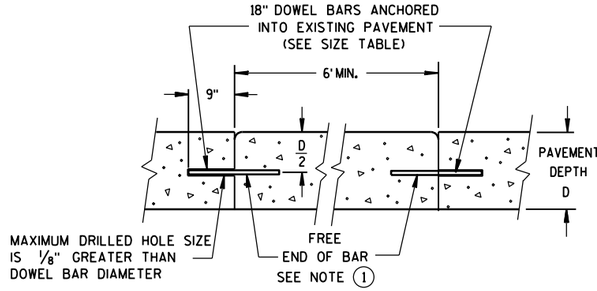
FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

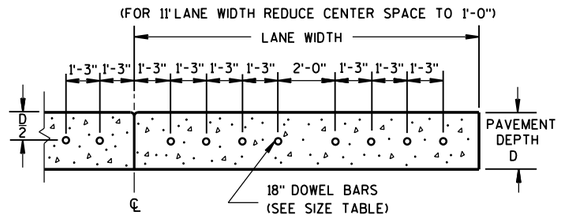


SECTION F-F

CONTRACTION JOINT



SECTION D-D

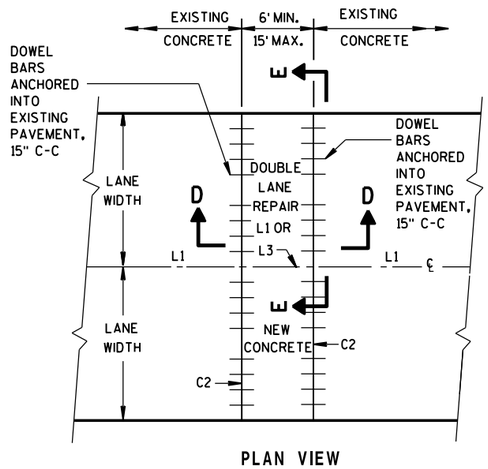


SECTION E-E

DRILLED DOWEL BAR CONSTRUCTION JOINT

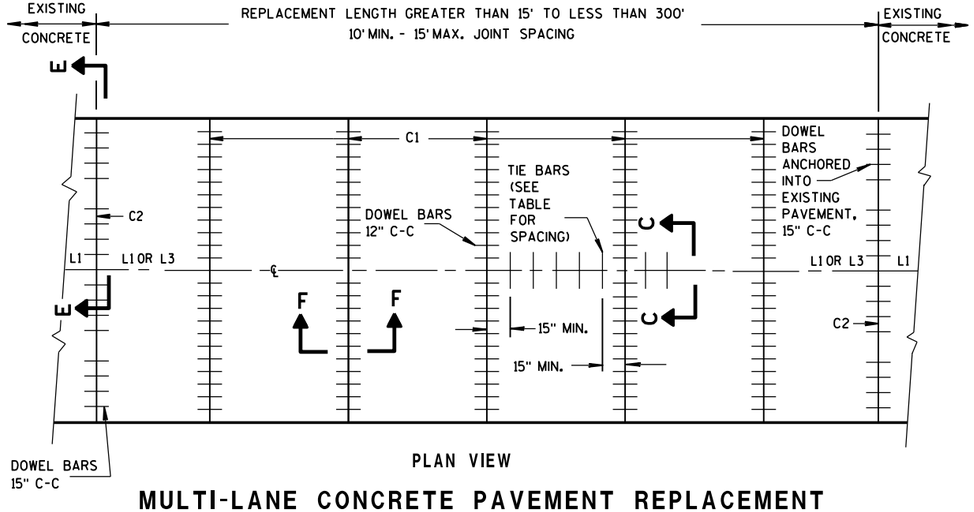
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6",6 ½"	NONE	NONE	12'
7",7 ½"	1"	1"	14'
8",8 ½"	1¼"	1¼"	15'
9",9 ½"	1¼"	1¼"	15'
10" & ABOVE	1½"	1¼"	15'



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 351

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S.D.D. 13 C 9-14b

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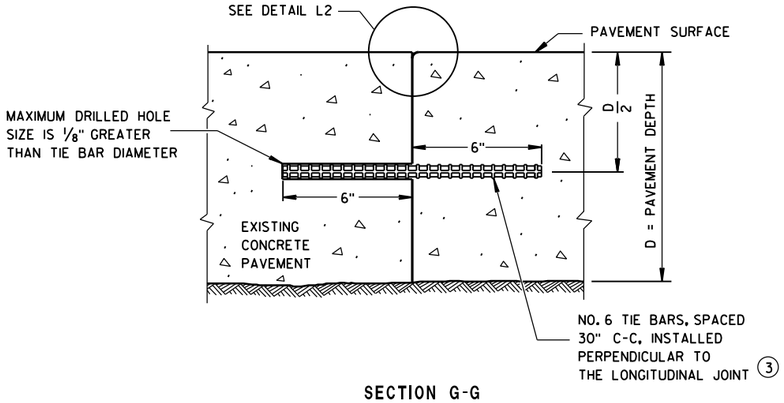
S.D.D. 13 C 9-14b



SECTION G-G

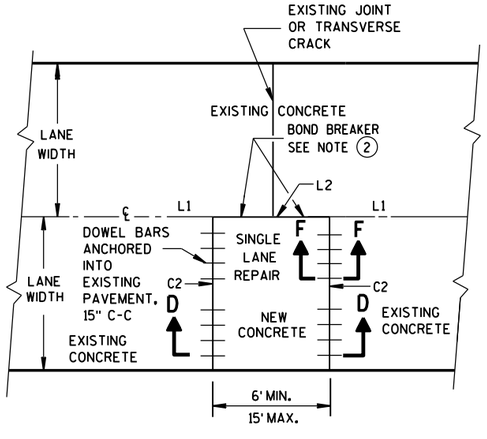
TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

(1) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

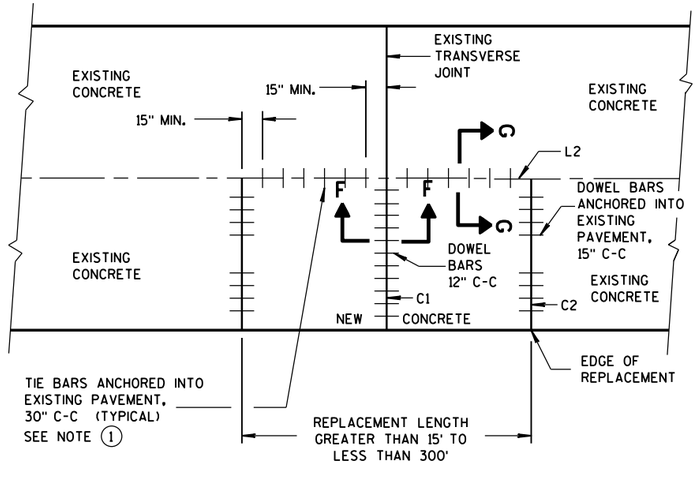
(2) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.

(3) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPER

FHWA

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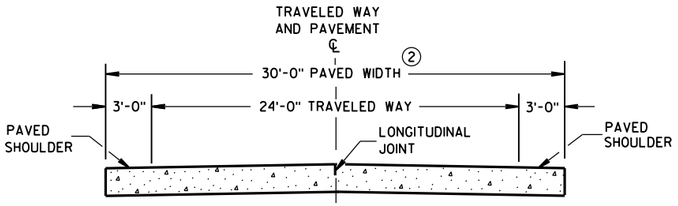
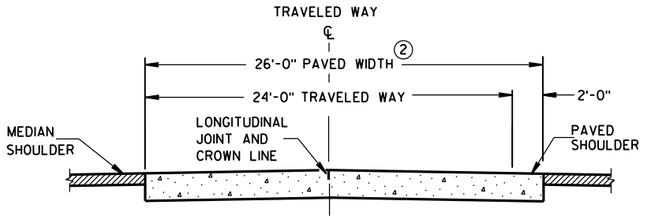
S.D.D. 13 C 9-14c

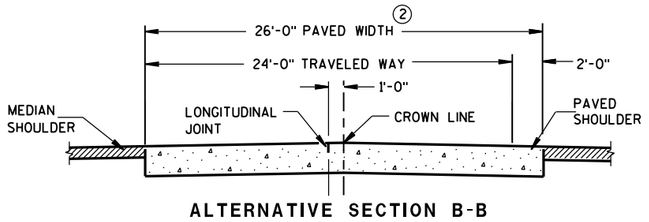


SECTION A-A ①

TWO-LANE TWO-WAY HIGHWAY



SECTION B-B



ALTERNATIVE SECTION B-B ①

DIVIDED HIGHWAY

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT SEAL OR FILL CONTRACTION JOINTS.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

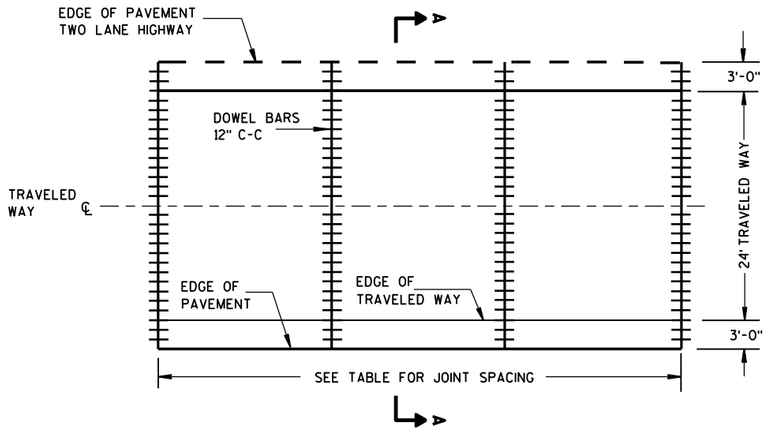
LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.

① REFER TO TYPICAL CROSS SECTIONS FOR ADDITIONAL DETAILS.

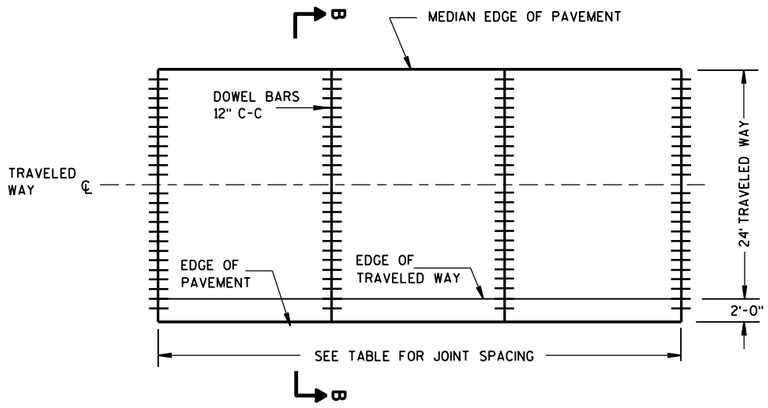
② MEASURE THE ENTIRE PAVED WIDTH INCLUDING THE PORTION(S) LABELED PAVED SHOULDER AS CONCRETE PAVEMENT.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9", 9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'



CONTRACTION JOINT LAYOUT
FOR TWO-LANE TWO-WAY HIGHWAY



CONTRACTION JOINT LAYOUT
FOR DIVIDED HIGHWAY

RURAL DOWELED
CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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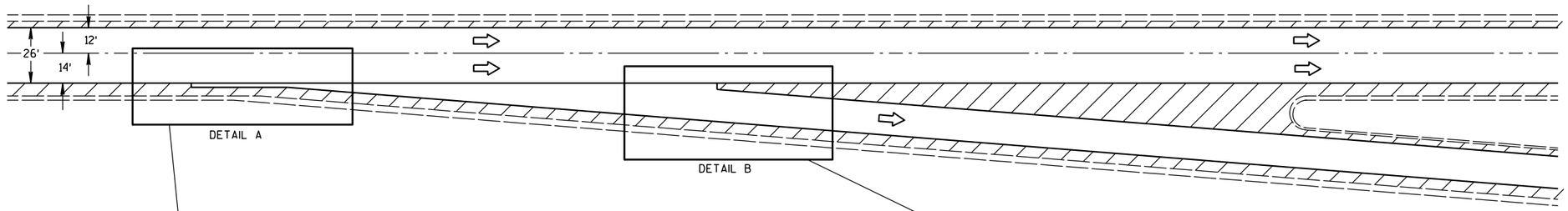
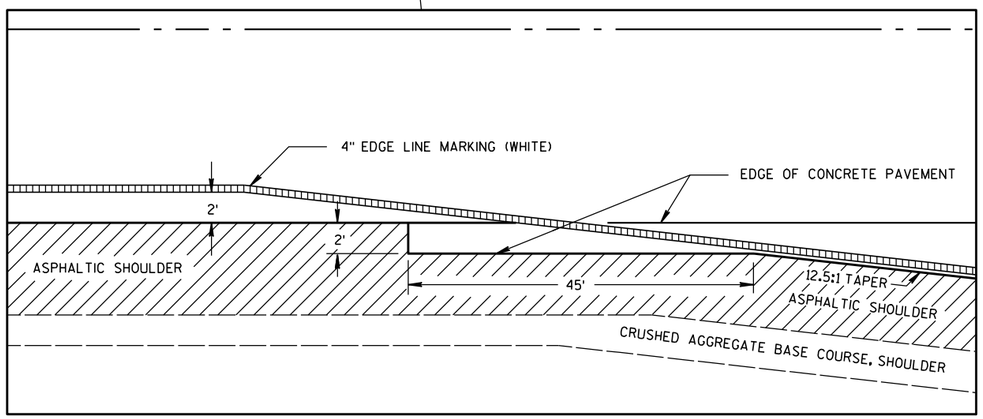
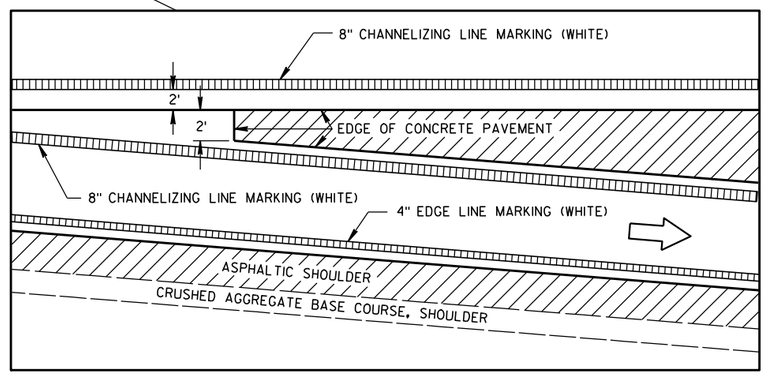
S.D.D. 13 C 11-11a



EXIT RAMP DETAIL



DETAIL A



DETAIL B

CONCRETE JOINT PAVING DETAILS

GENERAL NOTES

PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

SEE SDD 13 A 4-4c OR SDD 13 A 5-1b FOR RAMP AND GORE RUMBLE STRIP LOCATION.

CONCRETE JOINT DETAIL FOR EXIT RAMP TERMINI

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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S.D.D. 13 C 17-1a

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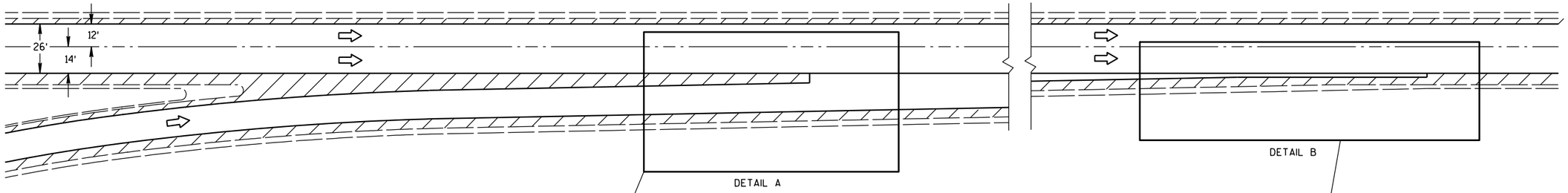
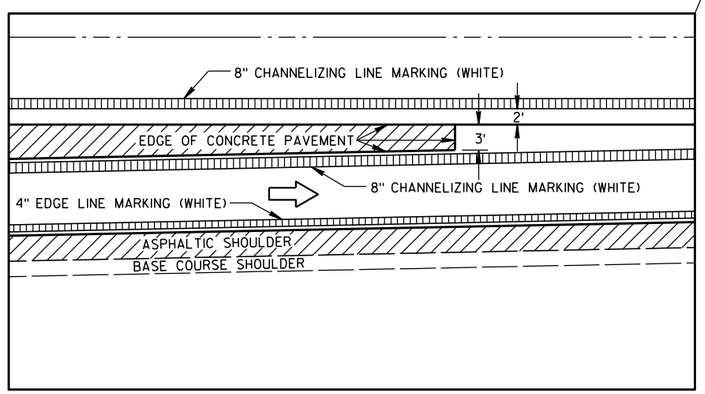
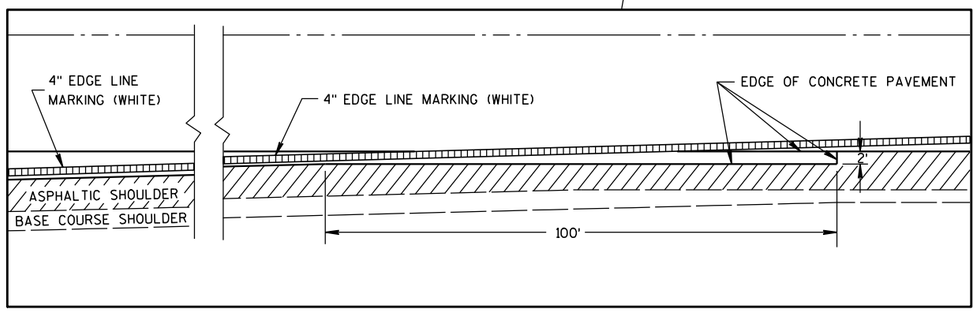
S.D.D. 13 C 17-1a



ENTRANCE RAMP DETAIL



DETAIL A



DETAIL B

CONCRETE JOINT PAVING DETAILS

GENERAL NOTES

PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

SEE SDD 13 A 4-4c OR SDD 13 A 5-1b FOR RAMP AND GORE RUMBLE STRIP LOCATION.

CONCRETE JOINT DETAIL FOR ENTRANCE RAMP TERMINI

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

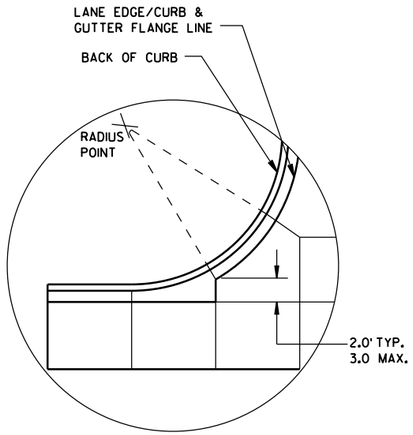
5/27/98
DATE

/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER

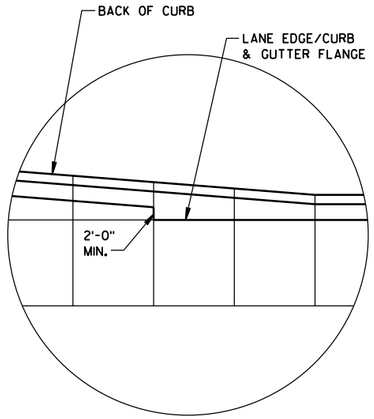
FHWA

6

S.D.D. 13 C 17-1b



DETAIL "A"



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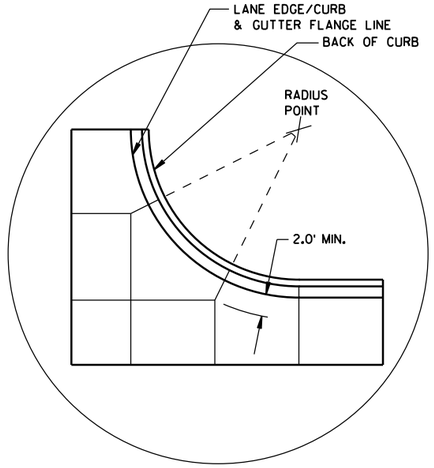
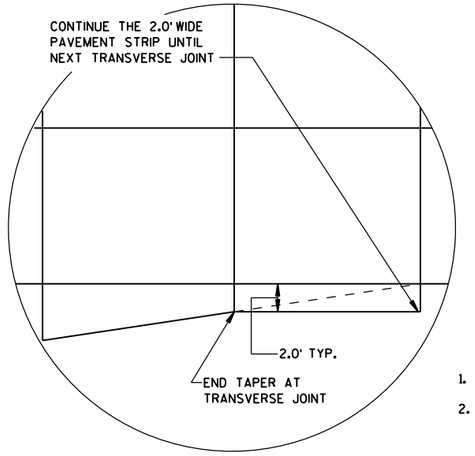


DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G. MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

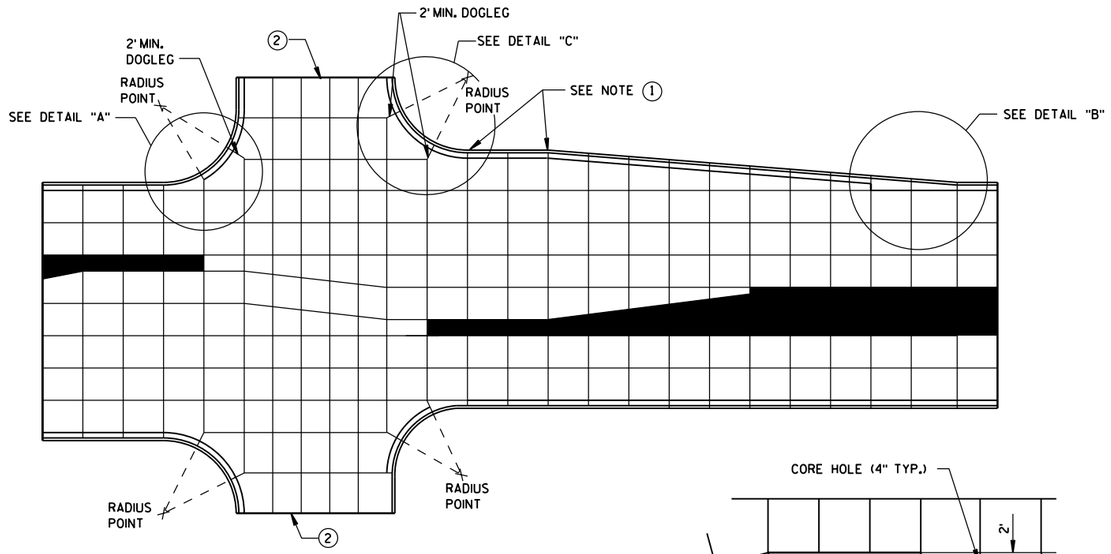
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

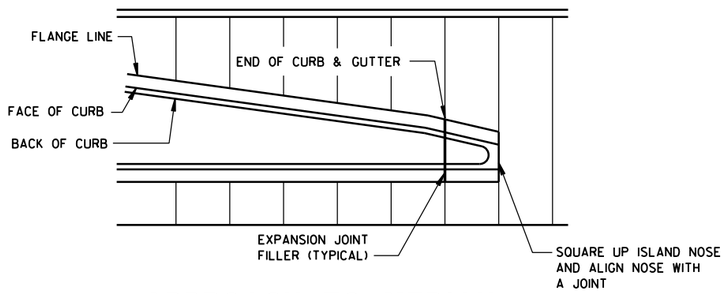
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



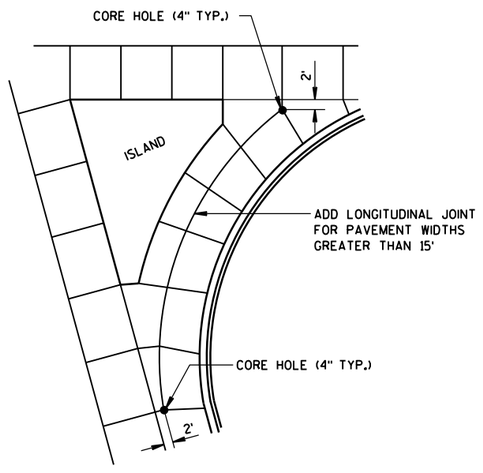
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

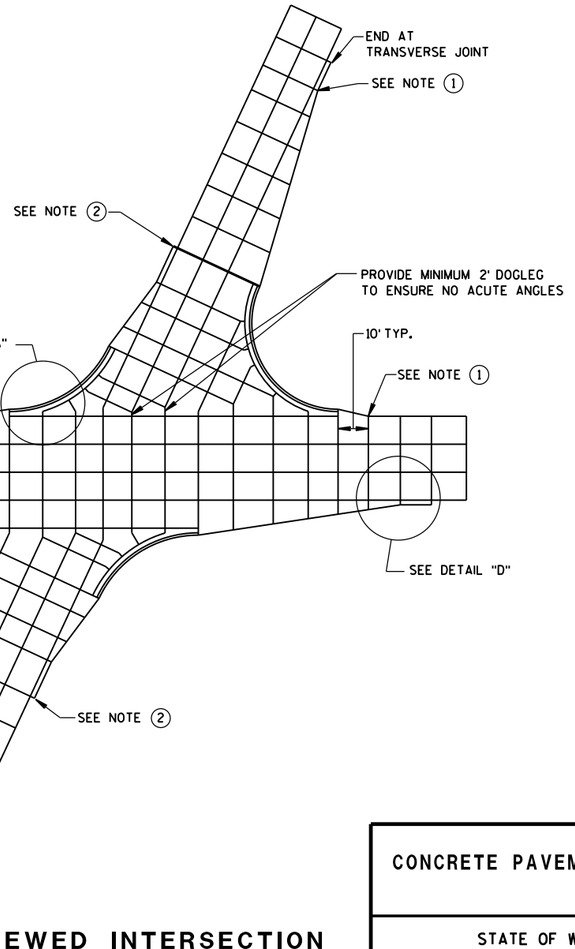
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6½"	12'
7", 7½"	14'
8" & ABOVE	15'



APPROACH TO MEDIAN



LARGE RIGHT TURN



SKEWED INTERSECTION

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 356

6

S.D.D. 13 C 18-5a

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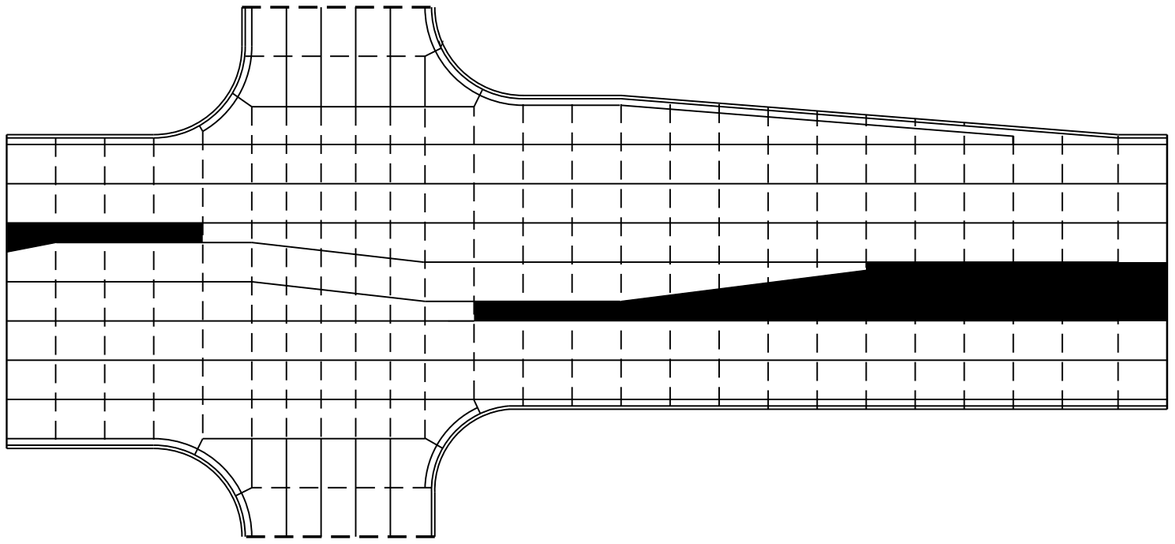
LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

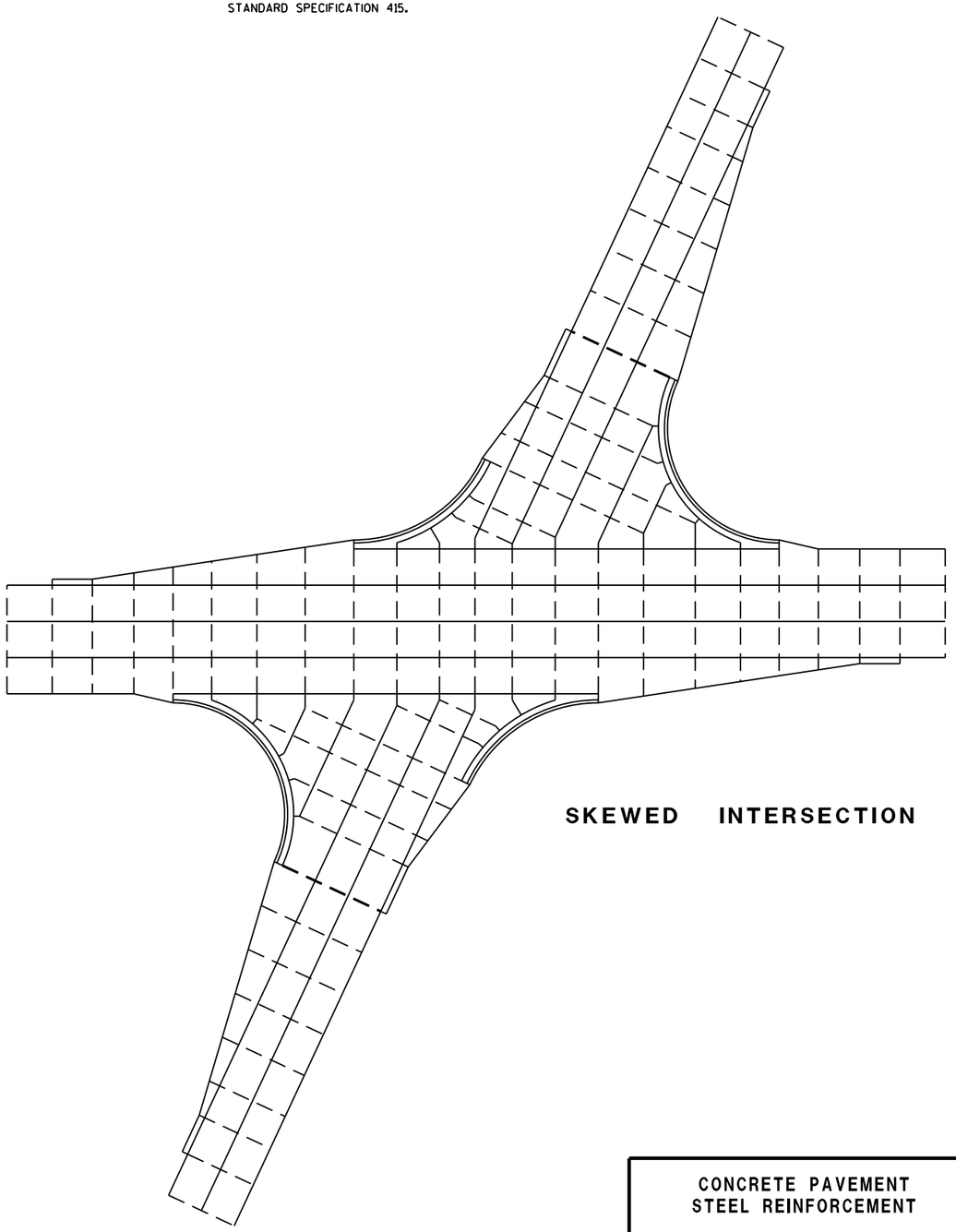
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

6

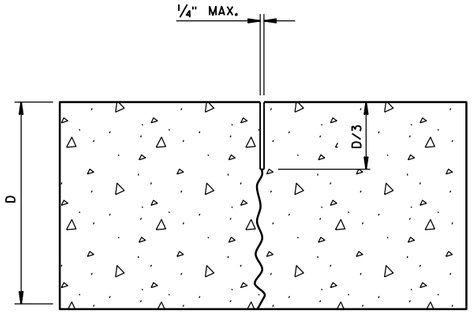
S.D.D. 13 C 18-5b

CONCRETE PAVEMENT
STEEL REINFORCEMENT

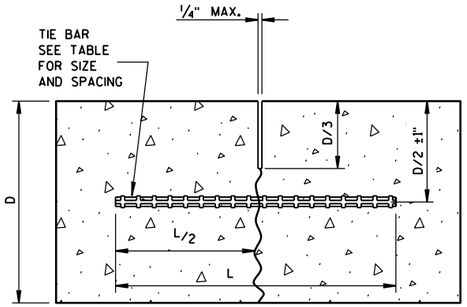
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 13 C 18-5b



UNDOWELED-TRANSVERSE



TIED LONGITUDINAL

TIE BAR TABLE

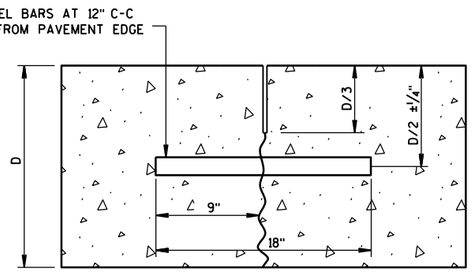
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

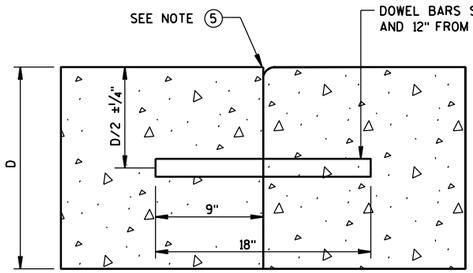
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATE THE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A 1/4-INCH RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



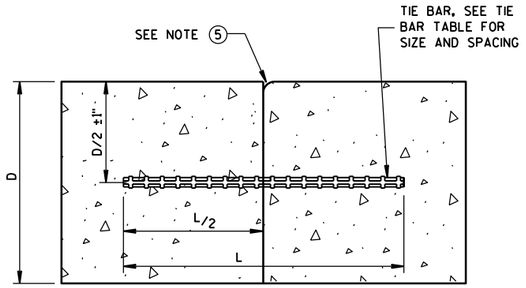
DOWELED-TRANSVERSE

CONTRACTION JOINTS

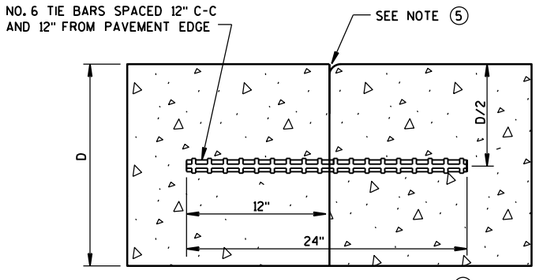
SEE NOTE (2)



DOWELED TRANSVERSE (3)

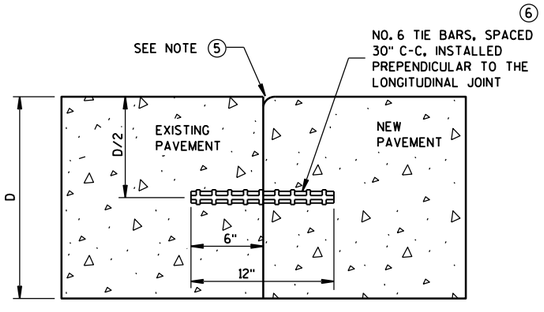


TIED LONGITUDINAL



TIED TRANSVERSE (3)

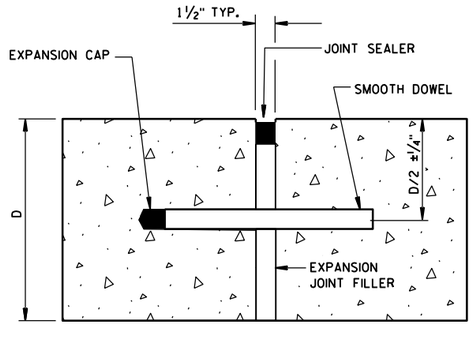
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

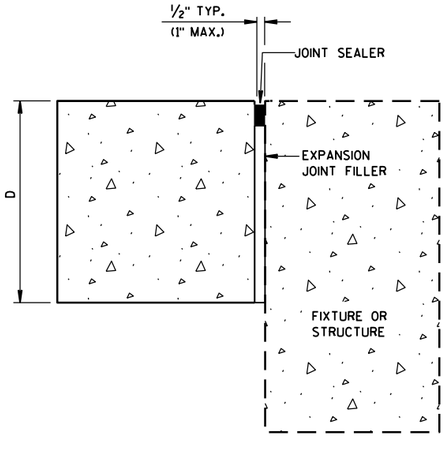
CONSTRUCTION JOINTS

SEE NOTE (4)



DOWELED-TRANSVERSE

SEE NOTE (1)



UNTIED-LONGITUDINAL

EXPANSION JOINTS

CONCRETE PAVEMENT
JOINT TYPES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 358

6

S.D.D. 13 C 18-5c

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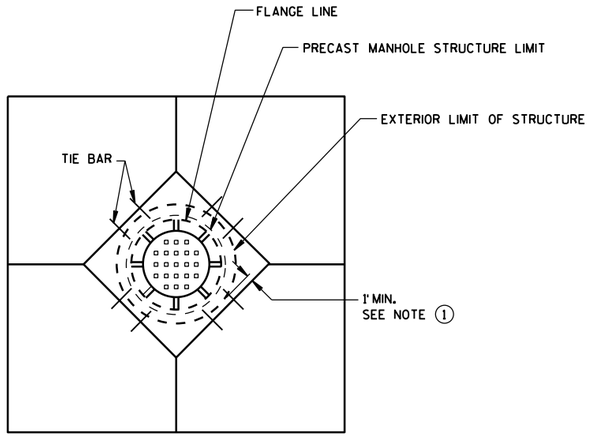
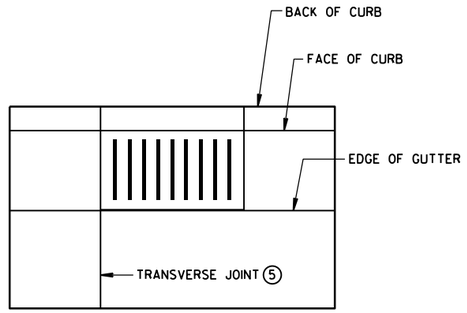
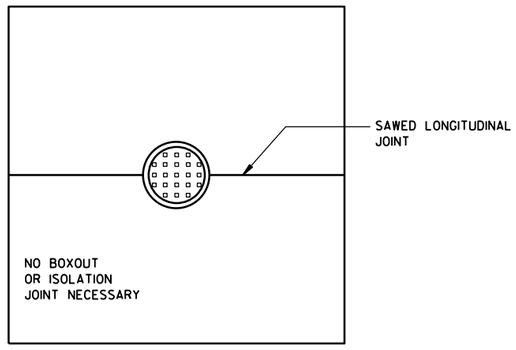
S.D.D. 13 C 18-5c



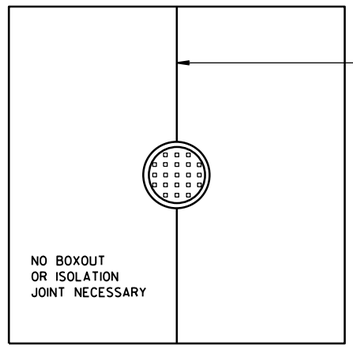
DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS



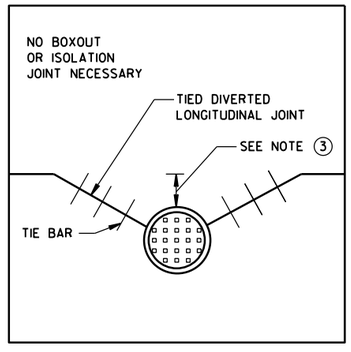
INLET WITH TRANSVERSE JOINT



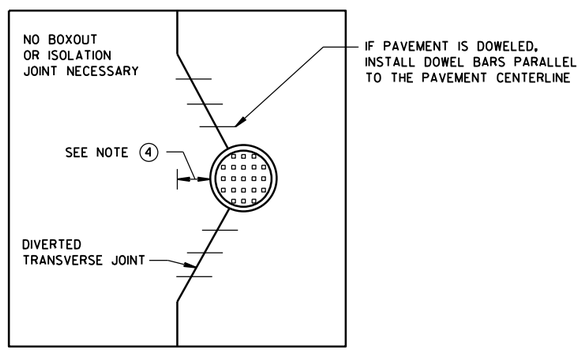
MANHOLE WITH LONGITUDINAL JOINT



MANHOLE WITH TRANSVERSE JOINT



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT

GENERAL NOTES

(1) USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1-FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.

(2) ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.

(3) IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDIAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REBAR REINFORCEMENT AROUND THE MANHOLE.

(4) IF DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REBAR REINFORCEMENT AROUND THE MANHOLE.

(5) ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.

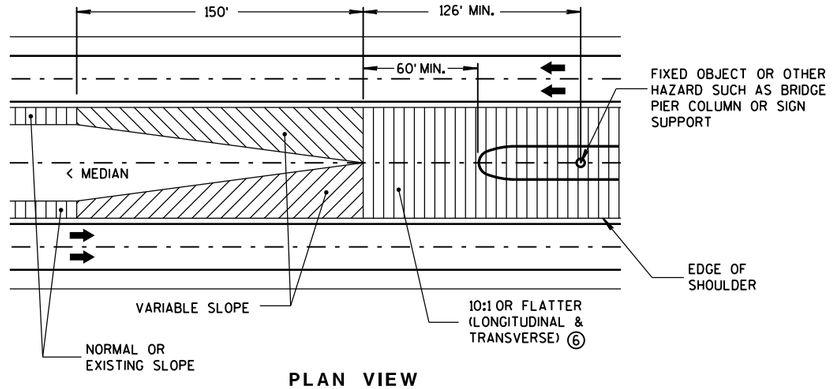
CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 — /S/ Peter Kemp, P.E.
DATE — PAVEMENT SUPEF
FHWA

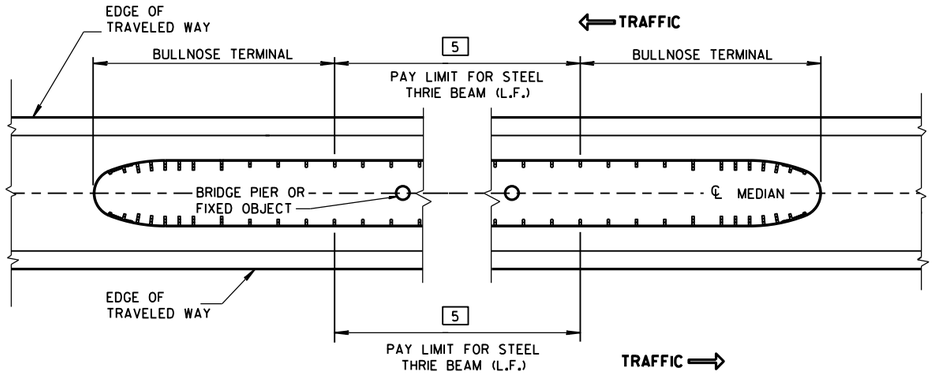
6

S.D.D. 13 C 18-5d

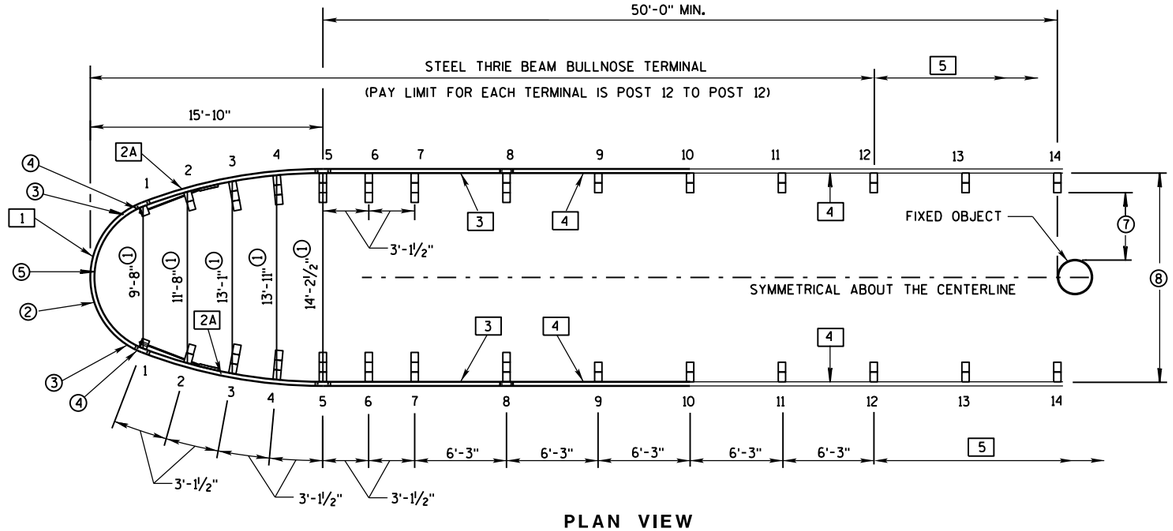


PLAN VIEW

GRADING AT BULLNOSE
(ALL INSTALLATIONS)

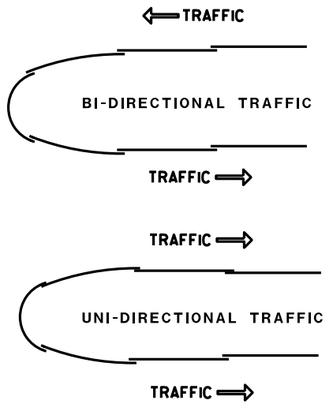


MEDIAN HAZARD PROTECTION PAY LIMITS



PLAN VIEW

TYPICAL BULLNOSE LAYOUT



LAPPING DETAIL
(ALL INSTALLATIONS)

GENERAL NOTES

SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.

PUNCHING, DRILLING, CUTTING OR WELDING IS NOT PERMITTED ON ANY GALVANIZED THRIE BEAM ACCESSORY OR TERMINAL ACCESSORY.

OTHER ANCHOR CABLE ASSEMBLIES HAVING 40,000 LBS. MIN. BREAKING STRENGTH MAY BE USED.

FOR POSTS 2 THROUGH 14, IF POST CANNOT BE INSTALLED AT SPECIFIED LOCATION 1 EXTRA STANDARD WOOD BLOCK MAY BE ADDED.

THE USE OF STEEL POSTS ON THE BULLNOSE IS NOT ALLOWED.

BOLTS AND ALL NECESSARY HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.

ALL THRIE BEAM SHALL BE 12-GAUGE.

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½" AND 12" DIAMETER AROUND POST. SEE SDD 14B15 OR SDD 14B42 FOR MORE INFORMATION.

[1] SLOTTED THRIE BEAM RAIL NO. 1. (POST 1 TO POST 1)

[2A] SLOTTED THRIE BEAM RAIL NO. 2A. (POST 1 TO POST 5)

[3] SLOTTED THRIE BEAM RAIL NO. 3. (POST 5 TO POST 8)

[4] UNBENT STANDARD THRIE-BEAM RAIL NO.4. (POST 8 TO POST 10 & POST 10 TO POST 12)

[5] BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.

① DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST OR BLOCK.

② U-BOLT CABLE CLIPS (3 PER CABLE) SPACED OUT ON NOSE, TO HOLD CABLE TO BACKSIDE OF THE RAIL.

③ NOSE CABLE W/SWAGGED END BUTTONS.

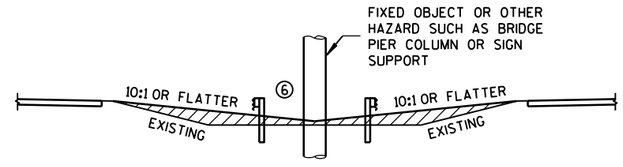
④ NOSE CABLE ANCHOR PLATE (BACKSIDE OF SPLICE).

⑤ THE SLACK IN THE NOSE CABLES SHALL BE EVENLY DISTRIBUTED BETWEEN THE CABLE CLIP FASTENERS AND POST NO. 1 ON EITHER SIDE OF THE NOSE.

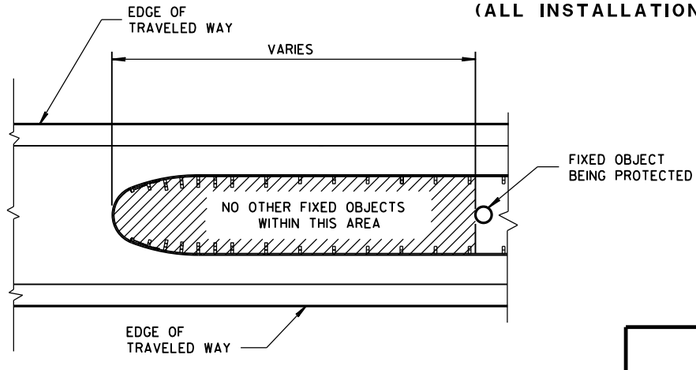
⑥ PROVIDE SUITABLE DRAINAGE WHEN MEDIAN GRADING IMPEDES NORMAL FLOW.

⑦ 2'-6" MINIMUM LATERAL DISTANCE BETWEEN BACK OF POST AND FACE OF FIXED OBJECT.

⑧ MAXIMUM WIDTH OF SYSTEM IS 14'-2½" MEASURED FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.



MEDIAN GRADING SECTION
(ALL INSTALLATIONS)

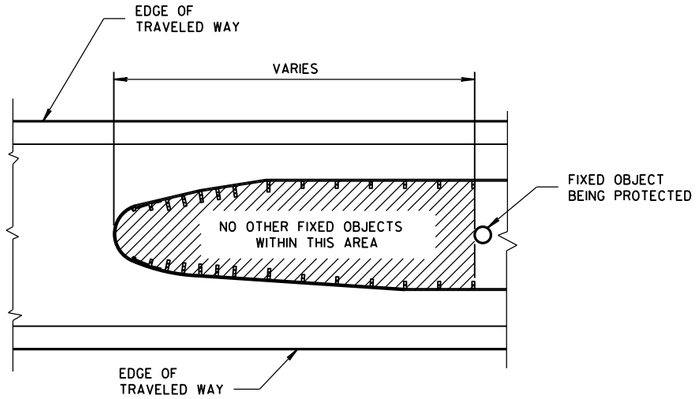


HAZARD FREE AREA INSIDE BULLNOSE

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6
S.D.D. 14 B 26-3a



HAZARD FREE
AREA INSIDE BULLNOSE

GENERAL NOTES

SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.

FOR POSTS 2 THROUGH 14, IF POST CANNOT BE INSTALLED AT SPECIFIED LOCATION 1 EXTRA STANDARD WOOD BLOCK MAY BE ADDED.

[1] SLOTTED THRIE BEAM RAIL NO. 1. (POST 1 TO POST 1)

[2A] SLOTTED THRIE BEAM RAIL NO. 2A, (POST 1 TO POST 5)

[2B] SLOTTED THRIE BEAM RAIL NO. 2B, (POST 1 TO POST 5)

[3] SLOTTED THRIE BEAM RAIL NO. 3. (POST 5 TO POST 8)

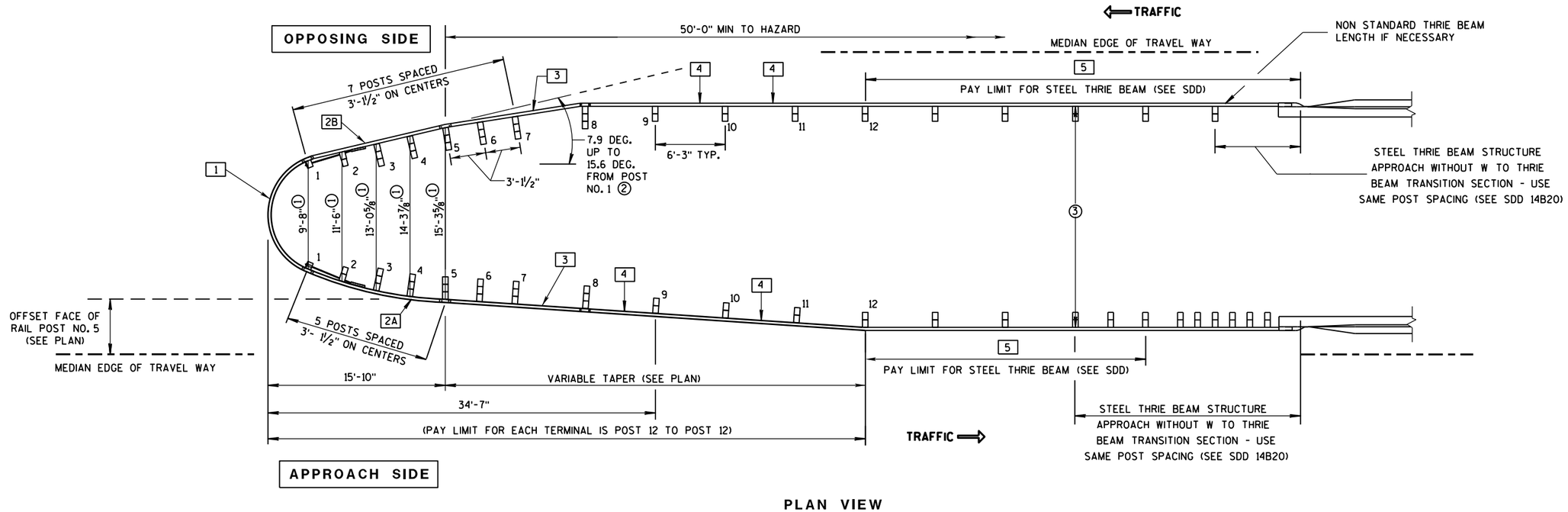
[4] UNBENT STANDARD THRIE-BEAM RAIL NO. 4, (POST 8 TO POST 10 & POST 10 TO POST 12)

[5] BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.

① DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST.

② TAPER BEGINNING AT POST NO. 1 MUST CONTINUE TO POST NO. 5. PAST POST NO. 5 TAPER MAY END OR BE EXTENDED UP TO 15.6 DEGREES TO FIT VARIABLE MEDIAN WIDTHS. (SEE PLAN)

③ FOR MEDIANS WIDER THAN 14'-2½" MEASURED FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.



PLAN VIEW

WIDENED BULLNOSE DESIGN

(INSTALLATION AT TWIN BRIDGES WITH BI-DIRECTIONAL TRAFFIC SHOWN)

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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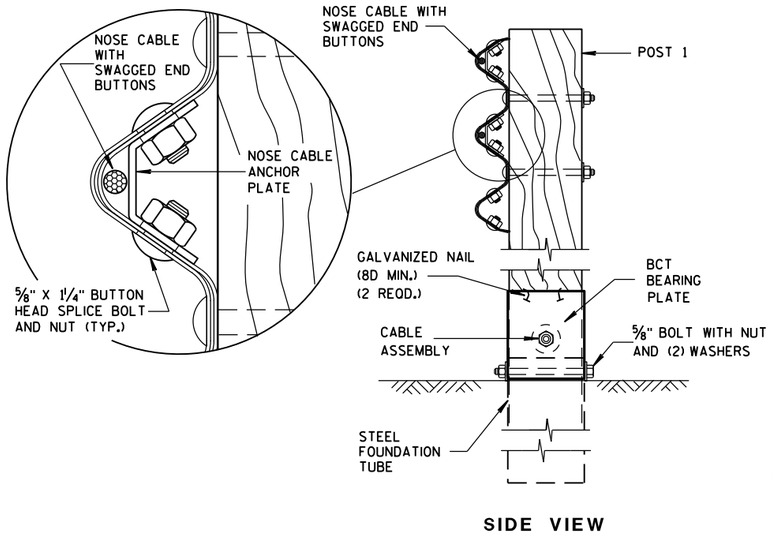
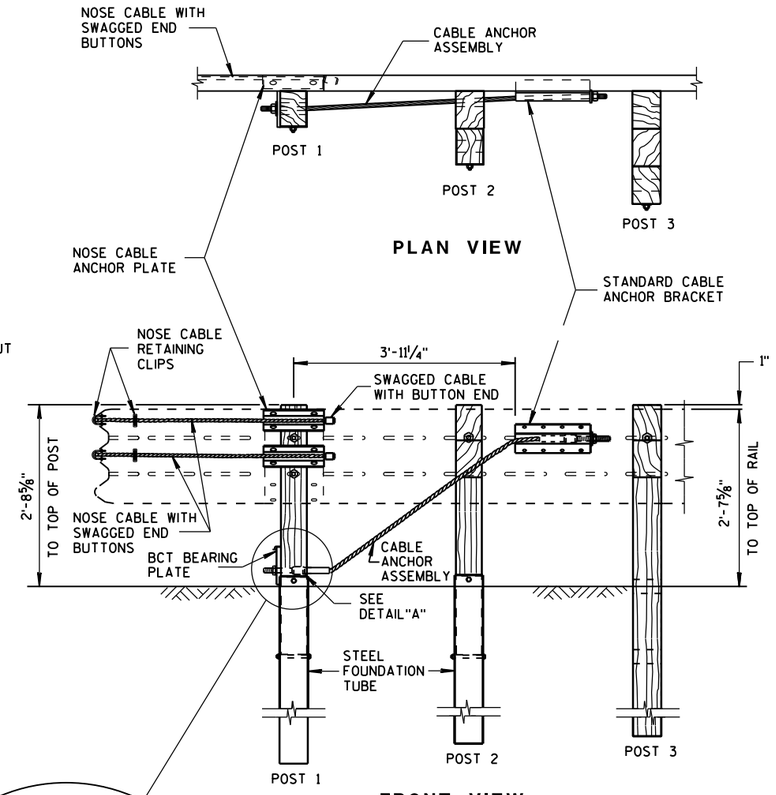
S.D.D. 14 B 26-3b



SIDE VIEW

NOSE CABLE ASSEMBLY AT POST NO. 1



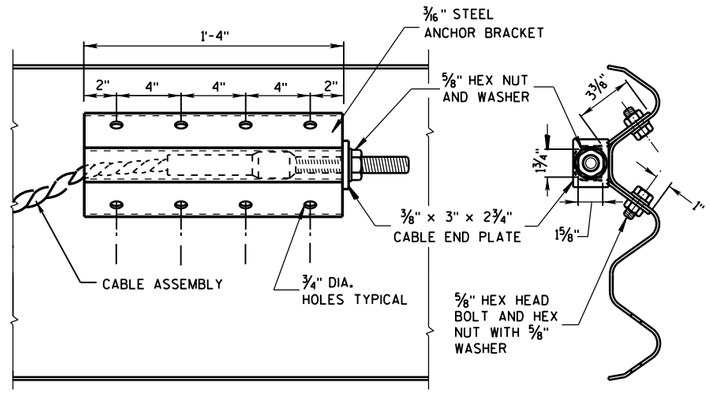
PLAN VIEW

FRONT VIEW

NOSE CABLE ANCHOR AND STANDARD BRACKET ASSEMBLY

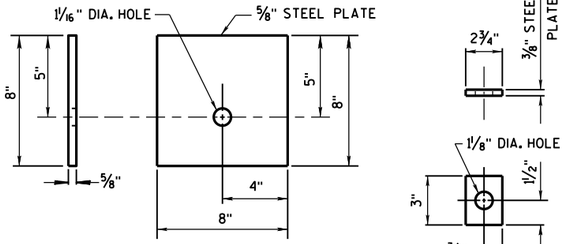
GENERAL NOTES

SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.



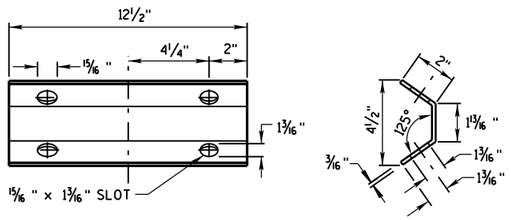
FRONT VIEW END VIEW

DETAILS OF CABLE ANCHOR BRACKET



BCT BEARING PLATE

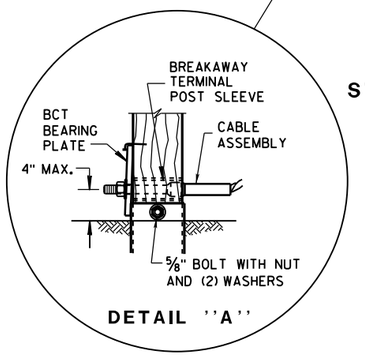
CABLE END PLATE



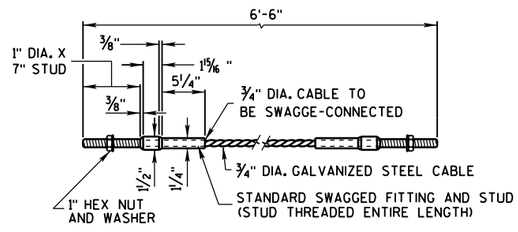
ELEVATION VIEW END VIEW

NOSE CABLE ANCHOR PLATE

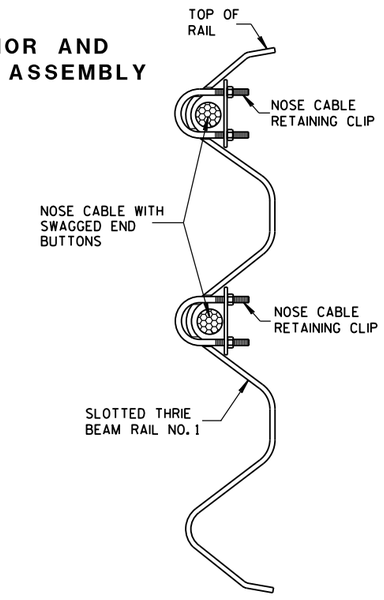
NOTE: 12 1/2" x 5 13/16" x 3/16" STEEL PLATE (A306)



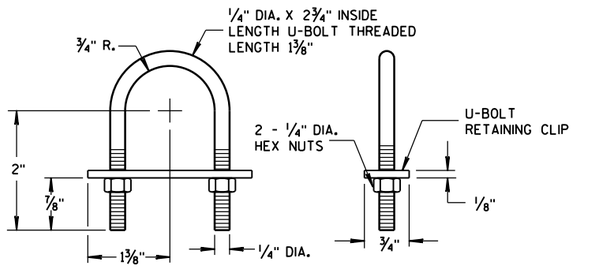
DETAIL ''A''



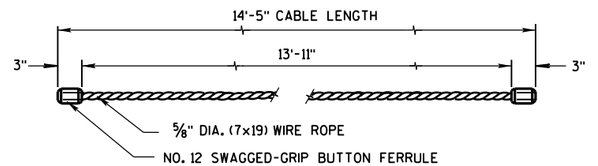
DETAILS OF CABLE ANCHOR ASSEMBLY



PLACEMENT OF NOSE CABLE RETAINING CLIP



NOSE CABLE RETAINING CLIP



NOSE CABLE WITH SWAGGED END BUTTONS

TO PULL OFF SWAGGED GRIP BUTTON FERRULE FROM WIRE ROPE REQUIRES A FORCE EQUAL TO 98% OF THE WIRE ROPE'S BREAKING STRENGHT.

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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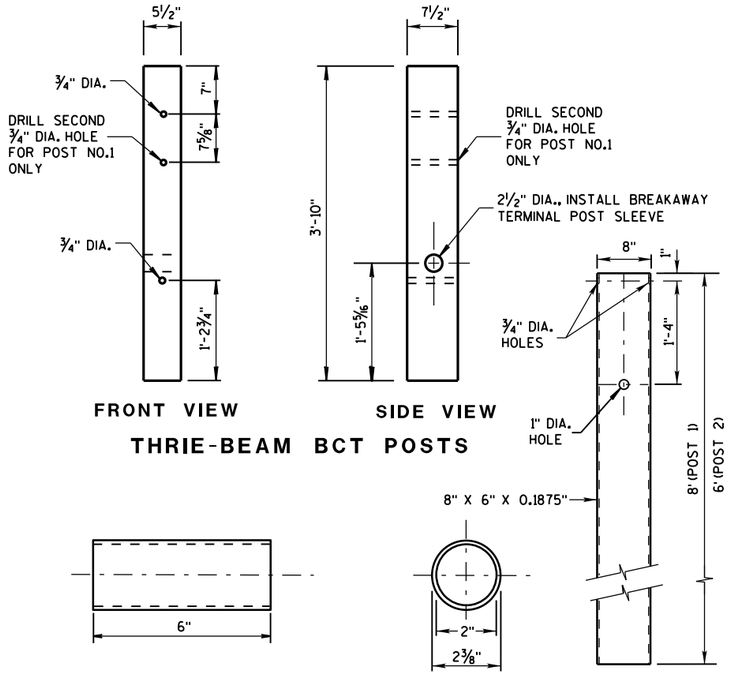
S.D.D. 14 B 26-3c

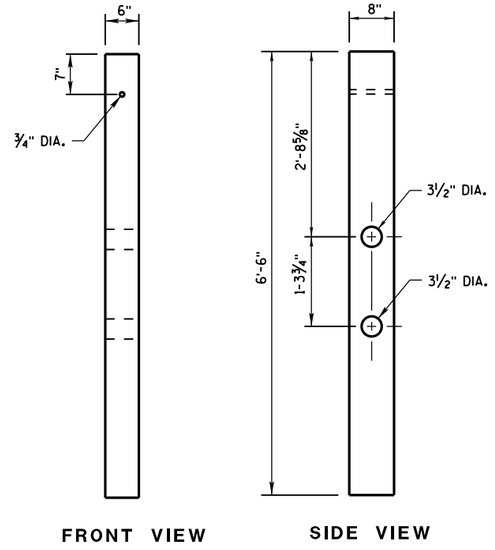


FRONT VIEW SIDE VIEW

THRIE-BEAM BCT POSTS

BREAKAWAY TERMINAL POST SLEEVE

STEEL FOUNDATION TUBE

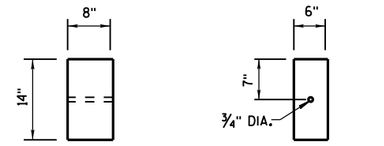


FRONT VIEW SIDE VIEW

THRIE-BEAM CRT WOOD POSTS

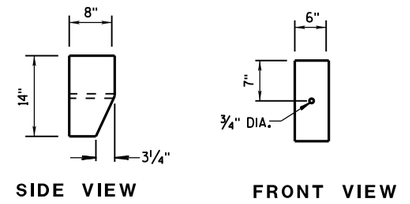
GENERAL NOTES

SEE STANDARD DETAIL DRAWINGS 14 B 26a-e.



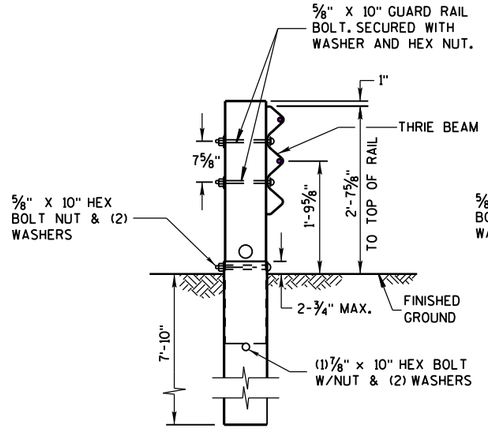
SIDE VIEW FRONT VIEW

STANDARD WOOD BLOCK



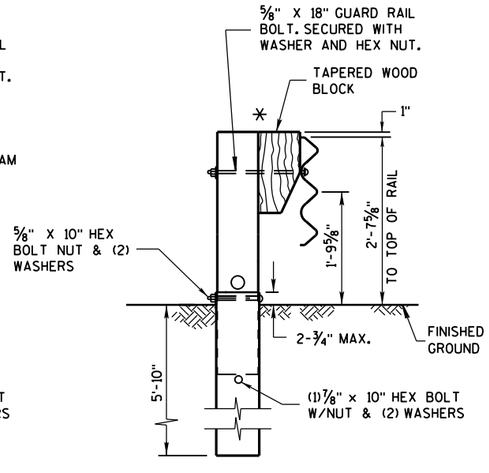
SIDE VIEW FRONT VIEW

TAPERED WOOD BLOCK



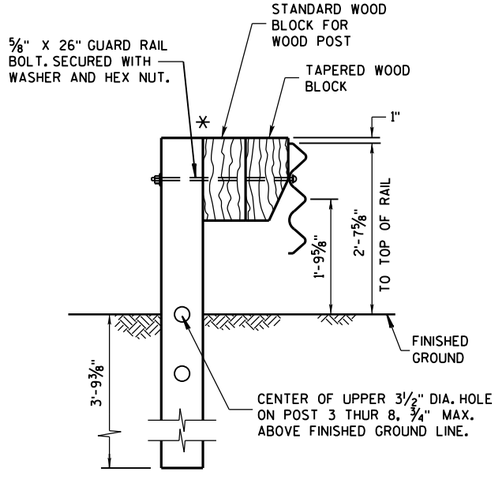
THRIE-BEAM BCT POST
(WITH 8'-0" FOUNDATION TUBE)

POST NO. 1



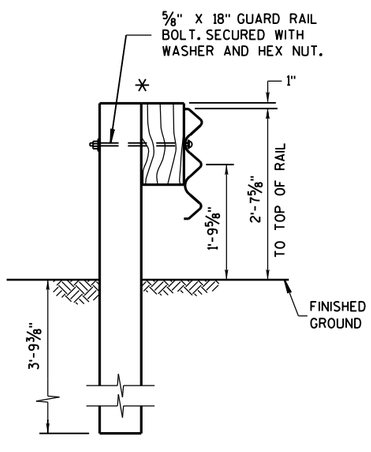
THRIE-BEAM BCT POST
(WITH 6'-0" FOUNDATION TUBE AND 1'-2" TAPERED BLOCK)

POST NO. 2



THRIE-BEAM CRT POST
(6'-6" LONG POST WITH 1'-2" BLOCK AND 1'-2" TAPERED BLOCK)

POST NO. 3,4,5,6,7, & 8



THRIE-BEAM POST
(6'-6" LONG POST WITH 1'-2" BLOCK)

POST NO. 9,10,11,& 12

(ALSO USE FOR STEEL THRIE BEAM BEYOND POST 12)

* IF NEEDED DUE TO AN UNDERGROUND OBSTACLE ADD 1 ADDITIONAL STANDARD BLOCKOUT TO POST.

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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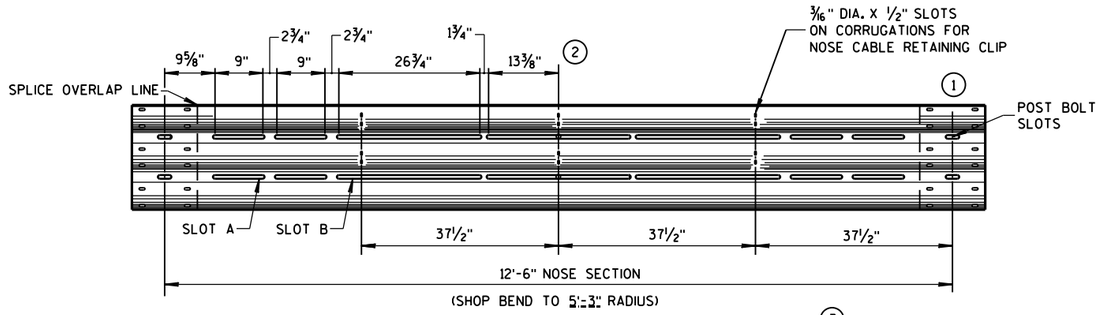
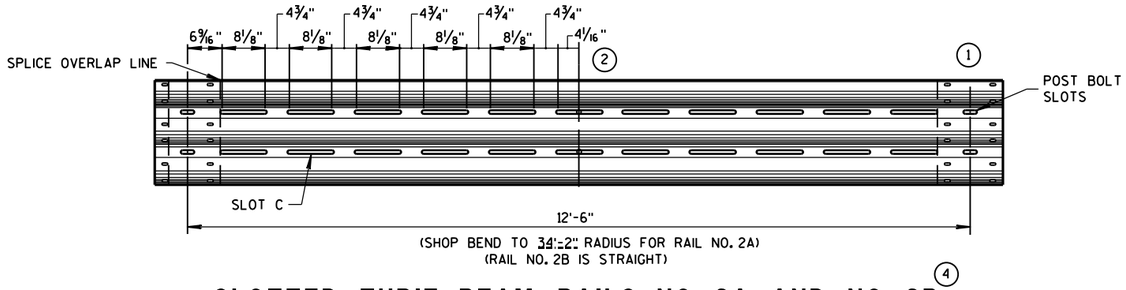
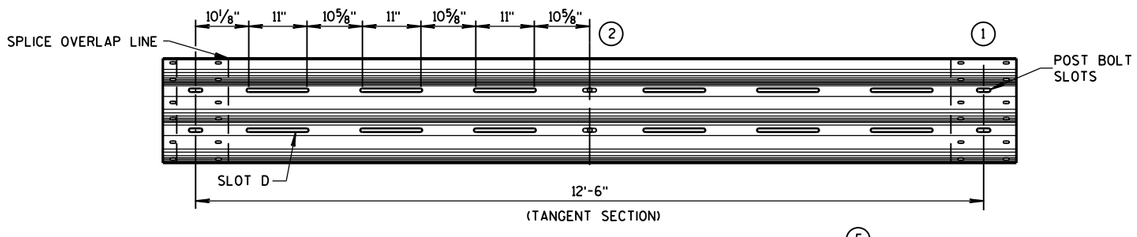
S.D.D. 14 B 26-3d



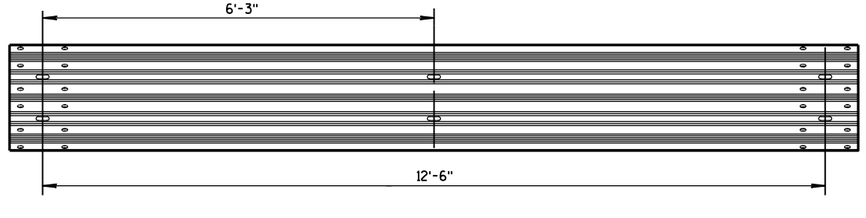
SLOTTED THRIE BEAM RAIL NO. 1 (3)



SLOTTED THRIE BEAM RAILS NO. 2A AND NO. 2B (4)



SLOTTED THRIE BEAM RAIL NO. 3 (5)



UNBENT STANDARD THRIE BEAM RAIL NO. 4 AND NO. 5

GENERAL NOTES

SEE STANADRD DETAIL DRAWINGS 14 B 26a-e.

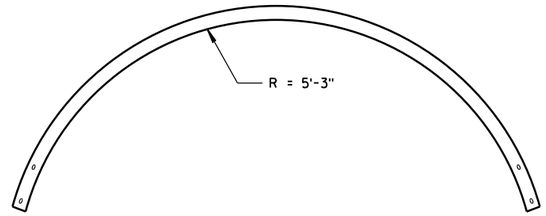
(1) SLOTTED THRIE BEAM RAIL DIMENSIONS SHOWN ARE BEFORE BENDING TO THE RADIUS SHOWN.

(2) SLOT SIZE AND SPACING SYMMETRIC.

(3) SLOTTED THRIE BEAM RAIL NO. 1, 12'-6", SHOP BEND TO R=5'-3".

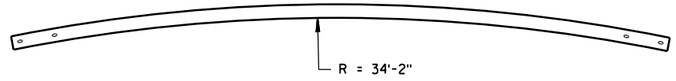
(4) SLOTTED THRIE BEAM RAIL NO. 2A, 12'-6", SHOP BEND TO R=34'-2".
SLOTTED THRIE BEAM RAIL NO. 2B, 12'-6", RAIL IS STRAIGHT.

(5) SLOTTED THRIE BEAM RAIL NO. 3, 12'-6", TANGENT.



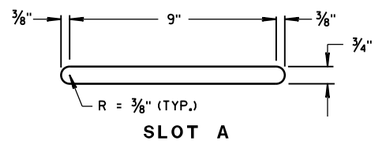
PLAN VIEW

SLOTTED THRIE BEAM RAIL NO. 1

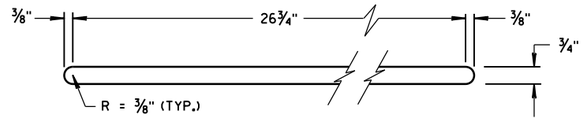


PLAN VIEW

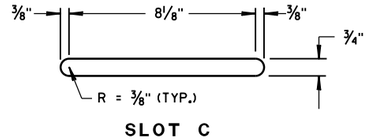
SLOTTED THRIE BEAM RAIL NO. 2A



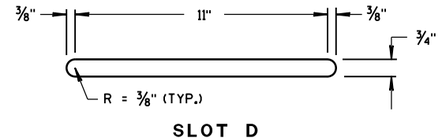
SLOT A



SLOT B



SLOT C



SLOT D

SLOT DETAILS

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

NT

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S.D.D. 14 B 26-3e

6

S.D.D. 14 B 26-3e

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

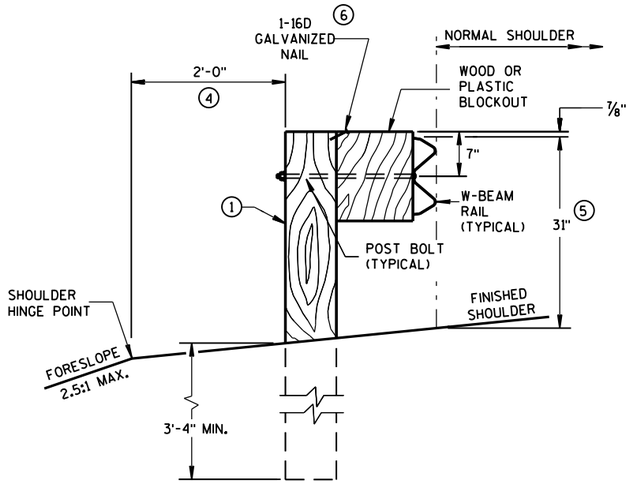
(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2½ INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

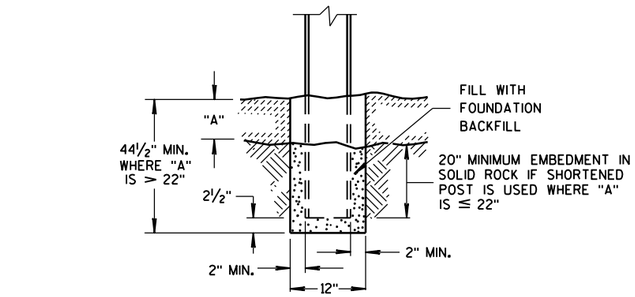
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



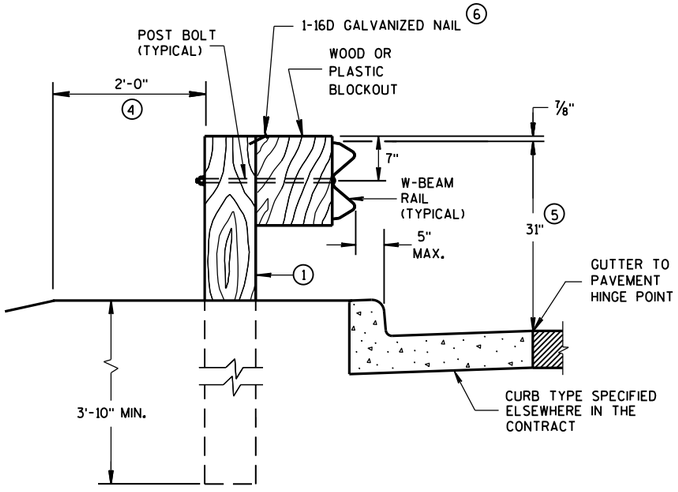
END VIEW

LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



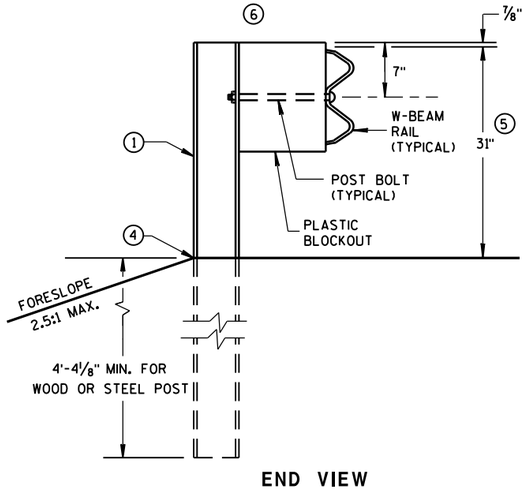
END VIEW

SETTING STEEL OR WOOD POST IN ROCK (3)



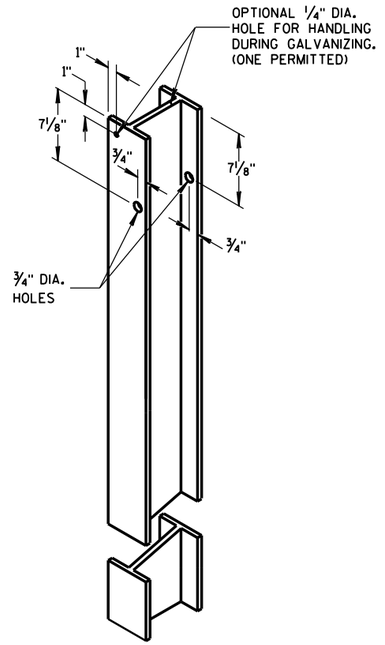
END VIEW

LOCATED ALONG A CURBED ROADWAY

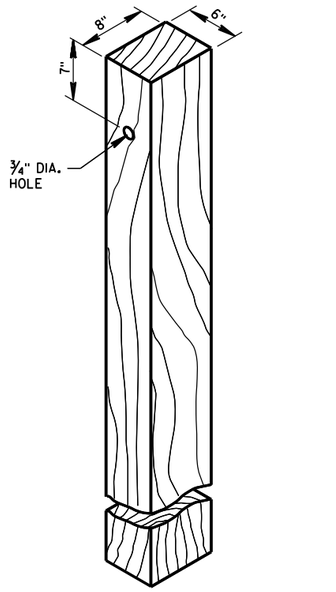


END VIEW

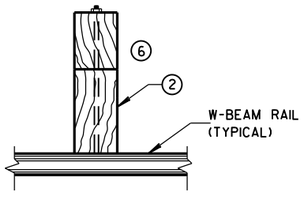
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



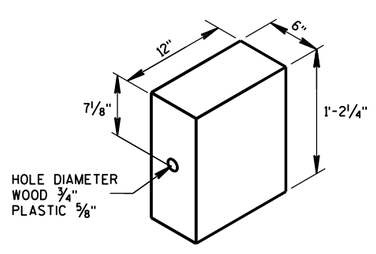
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) (1)



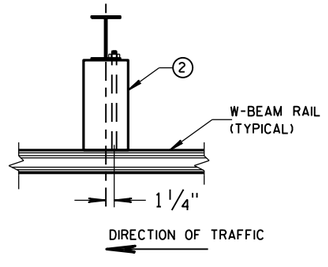
WOOD POST
(6" X 8") NOMINAL (1)



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT (2)

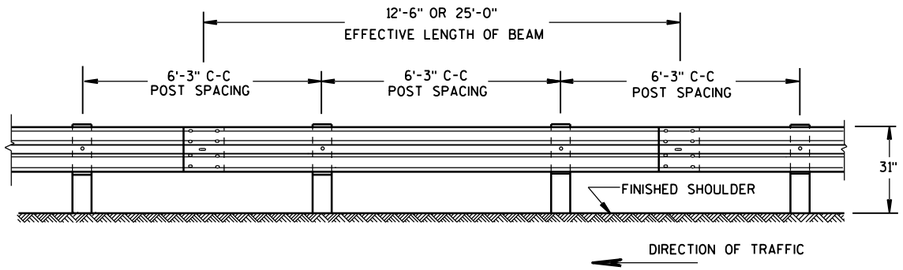


PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

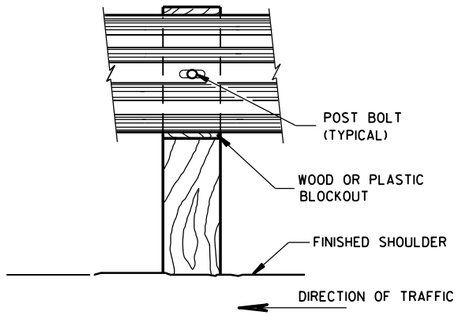
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 14 B 42-5a



FRONT VIEW

POST SPACING STANDARD INSTALLATION



FRONT VIEW AT WOOD POST

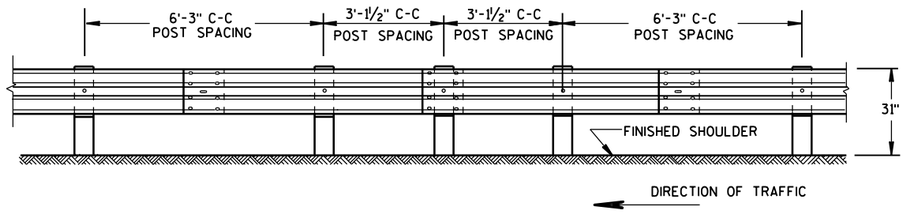
GENERAL NOTES

(8) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.

(11) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

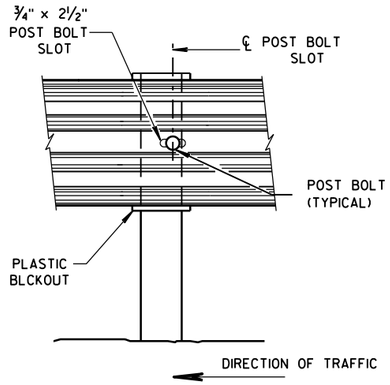
POST BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND 5/8" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

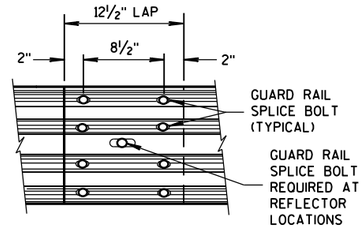


FRONT VIEW

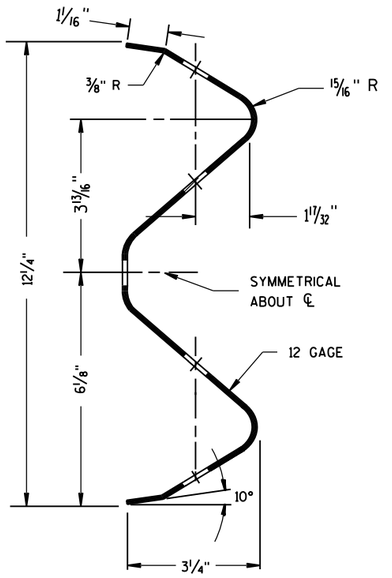
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



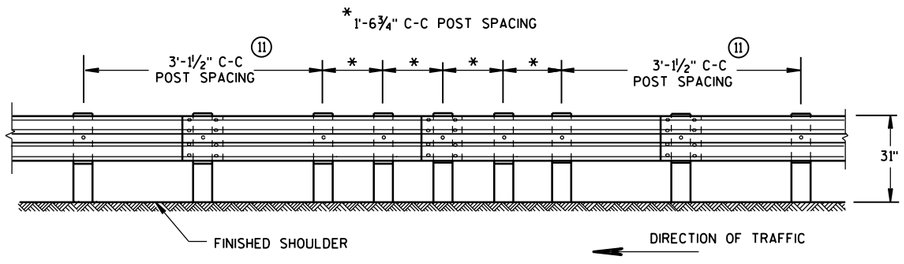
FRONT VIEW AT STEEL POST



FRONT VIEW
MID-SPAN BEAM SPLICE

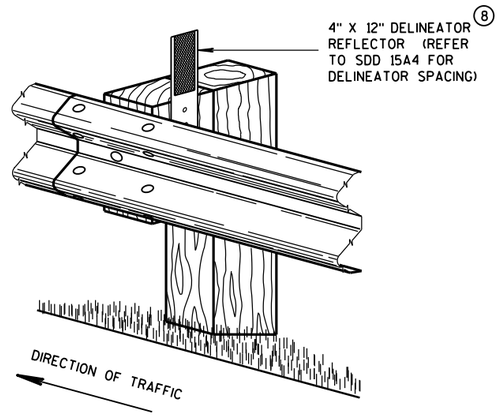


SECTION THRU W-BEAM RAIL



FRONT VIEW

QUARTER POST SPACING (QS)



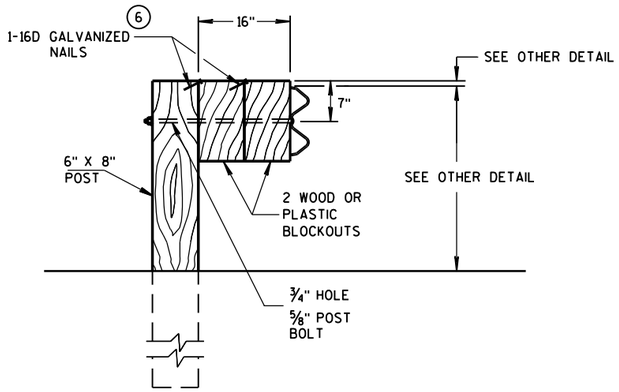
ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

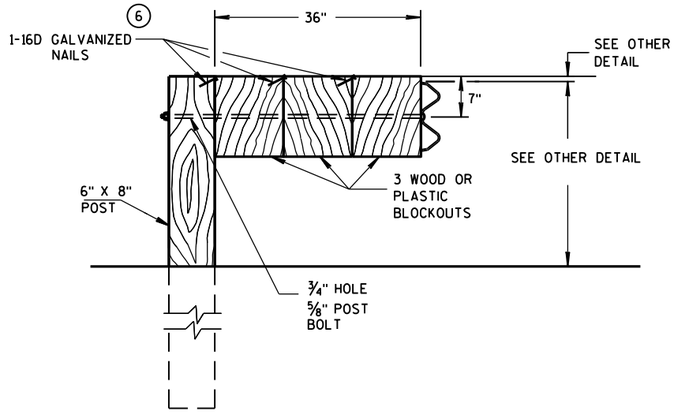
6

S.D.D. 14 B 42-5b



DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

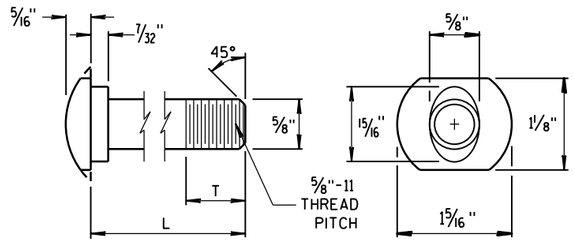


DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

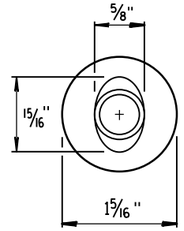
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".
2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

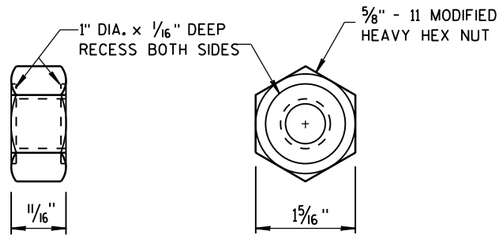


POST BOLT TABLE

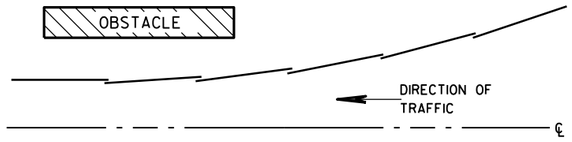
L	T (MIN.)
1 1/4"	1 1/8"
2"	1 3/4"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

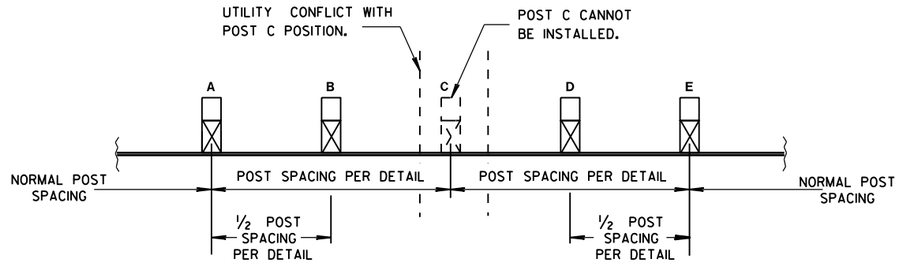


POST BOLT, SPLICE BOLT AND RECESS NUT

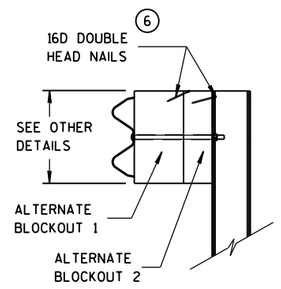


PLAN VIEW

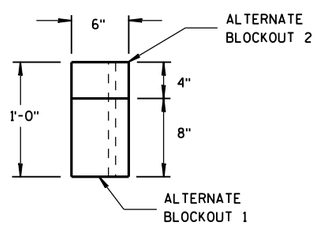
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



TOP VIEW

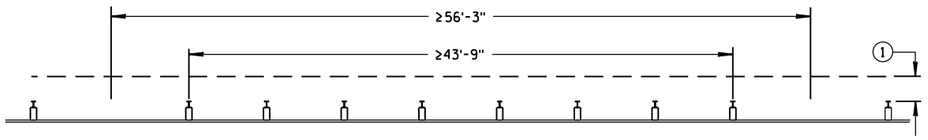
ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

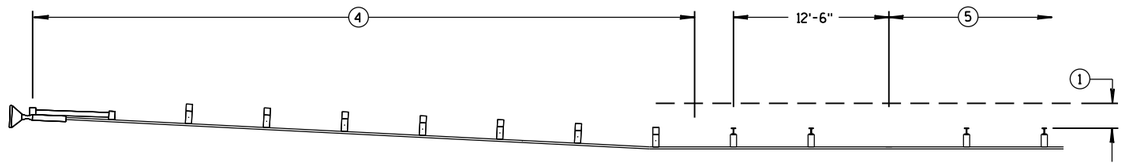
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

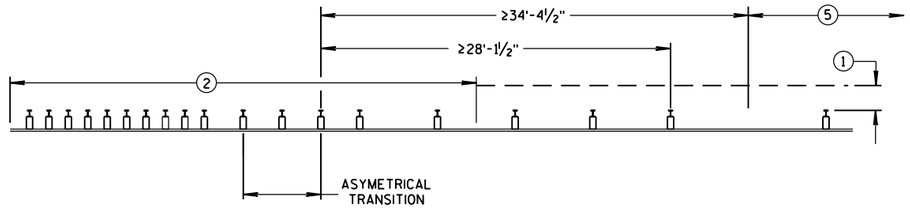
S.D.D. 14 B 42-5c



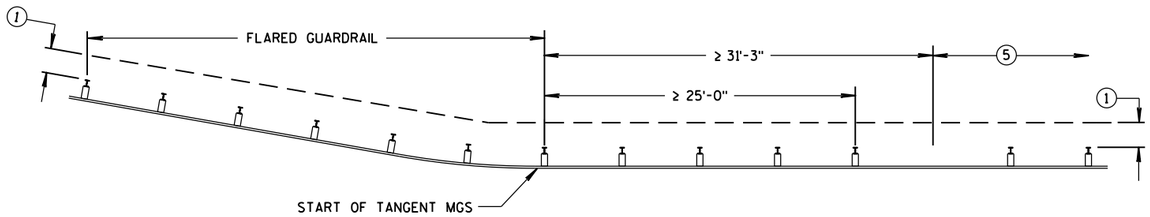
MISSING POST IN NORMAL BEAM GUARD RUN



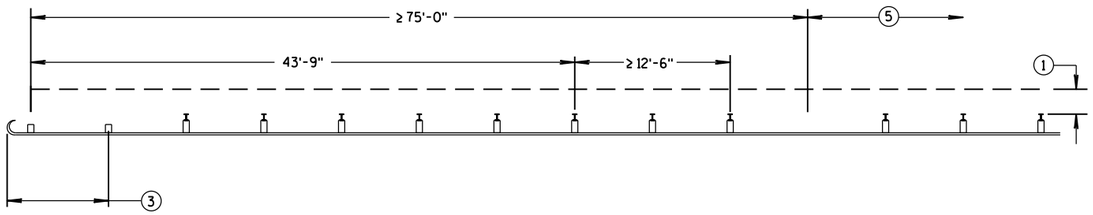
MISSING POST IN NORMAL BEAM GUARD RUN NEAR EAT



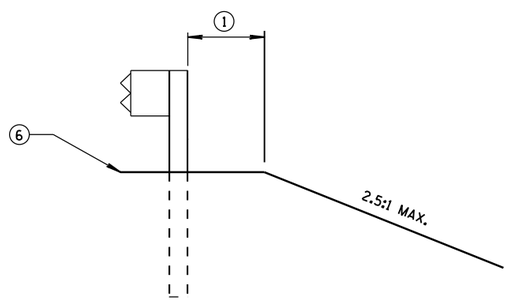
MISSING POST NEAR APPROACH THRIE BEAM TRANSITION



MISSING POST IN NORMAL BEAM GUARD RUN
NEAR FLARED BEAM GUARD



MISSING POST IN NORMAL BEAM GUARD RUN
NEAR TYPE 2 TERMINAL



CROSS SECTION VIEW

1. MINIMUM OF 2 FEET OF GRADING BEHIND POST.
2. SEE SDD 14B45 FOR MORE DETAILS.
3. SEE SDD 14B47 FOR MORE DETAILS.
4. SEE SDD 14B44 FOR MORE DETAILS.
5. SEE MISSING POST IN NORMAL BEAM GUARD RUN FOR DISTANCE TO NEXT MISSING POST AND AREA FOR WELL DRAINED, COMPACTED SOILS.
6. SEE PLAN FOR SHOULDER DESIGN.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

6

S.D.D. 14 B 42-5d

6

S.D.D. 14 B 42-5d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.

(C) DIFFERENT MANUFACTURES REQUIRE DIFFERENT PERFORATED W-BEAM RAIL END PANELS. SEE MANUFACTURES INFORMATION.

(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

(H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

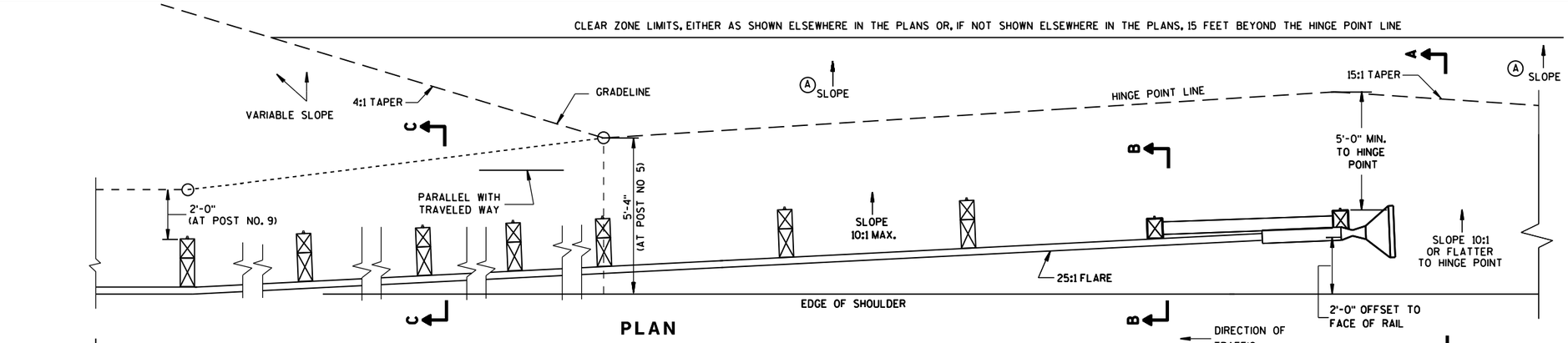
SEE SDD 14B42 FOR MORE INFORMATION.

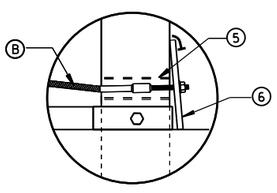
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

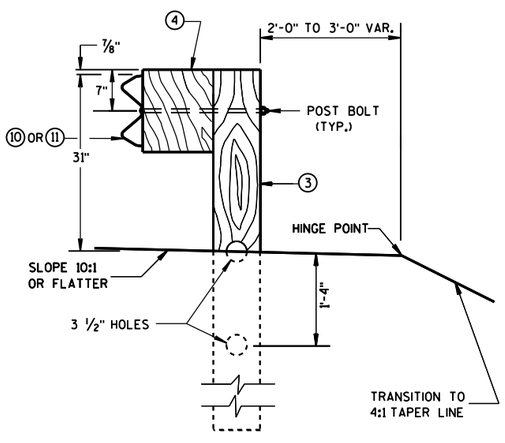
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

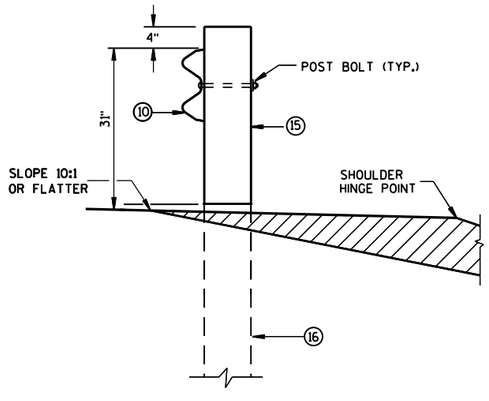
SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

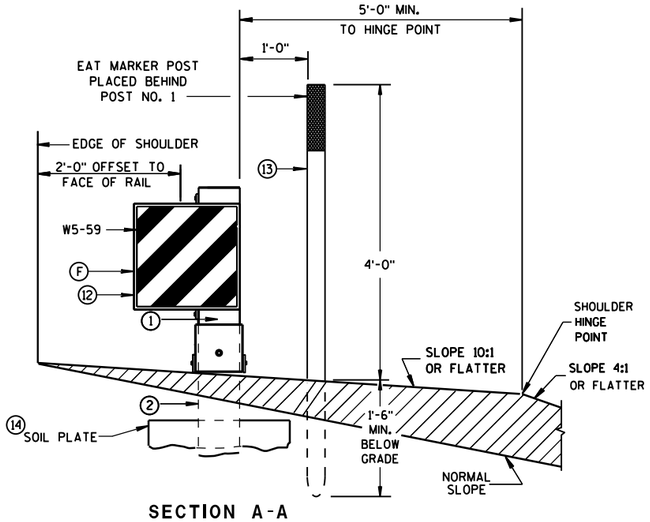
THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE.

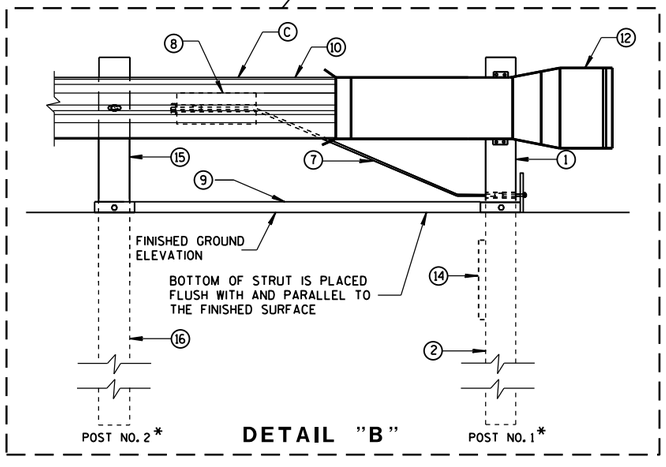












MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

S.D.D. 14 B 44-3a

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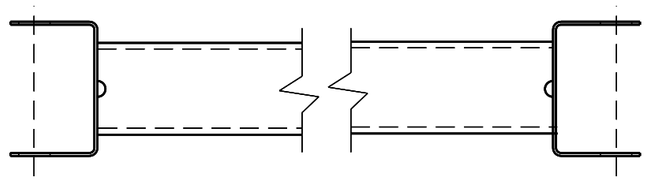
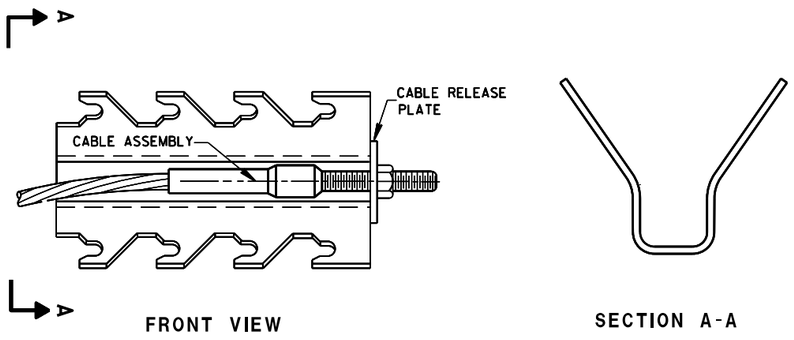
S.D.D. 14 B 44-3a



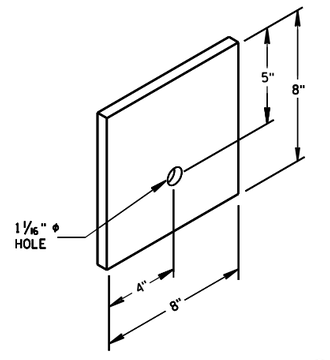
GENERIC GROUND STRUT (9) (H)



GENERIC ANCHOR CABLE BOX (8) (H)

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
(1)	UPPER POST NO. 1 6" X 6" TUBE
(2)	LOWER POST NO. 1
(3)	WOOD CRT
(4)	WOOD BLOCKOUT
(5)	PIPE SLEEVE
(6)	BEARING PLATE
(7)	BCT CABLE ASSEMBLY
(8)	ANCHOR CABLE BOX
(9)	GROUND STRUT
(10)	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(11)	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(12)	IMPACT HEAD
(13)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
(14)	SOIL PLATE
(15)	UPPER POST NO. 2
(16)	LOWER POST NO. 2



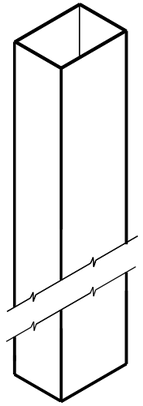
BEARING PLATE (6)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

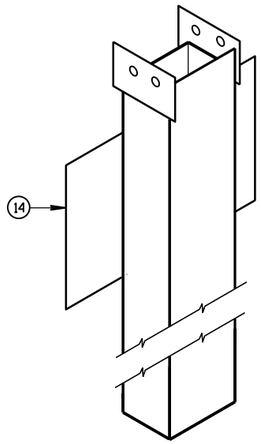
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 44-3b



UPPER POST NO. 1 (1)



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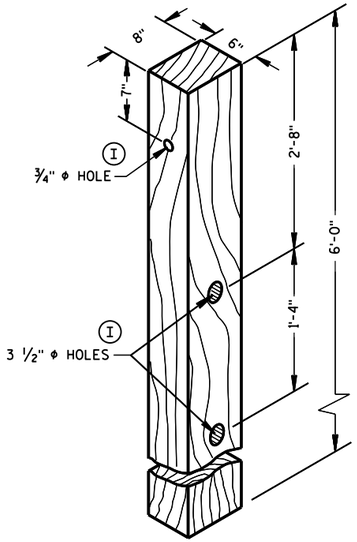
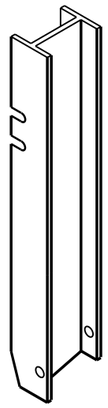


POSTS NUMBER 3-9

WOOD CRT POST (3)



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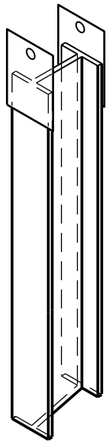

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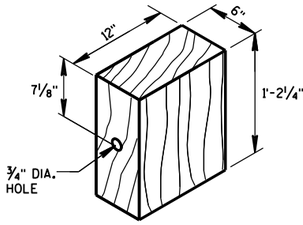
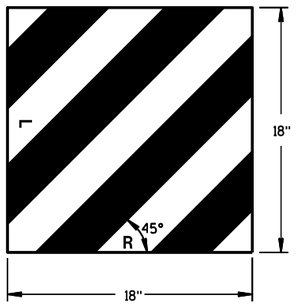


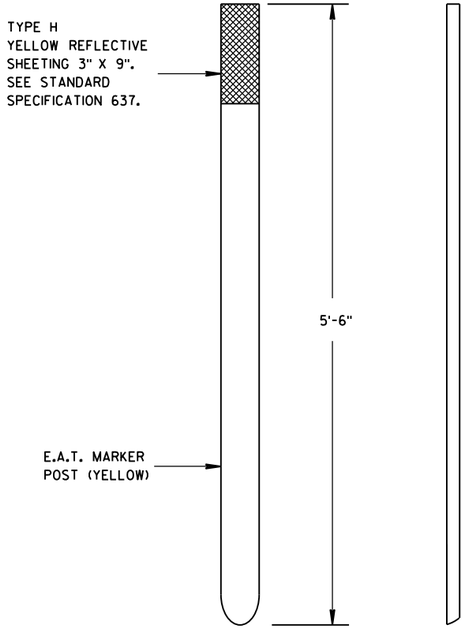
WOOD BLOCKOUT (4)

REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



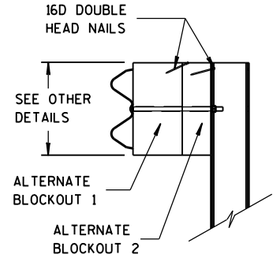
W5-59

REFLECTIVE SHEETING DETAIL (H)

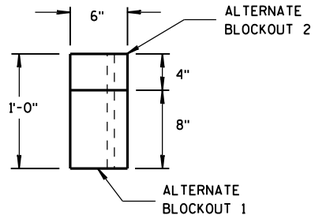


FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW



TOP VIEW

ALTERNATE WOOD
BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

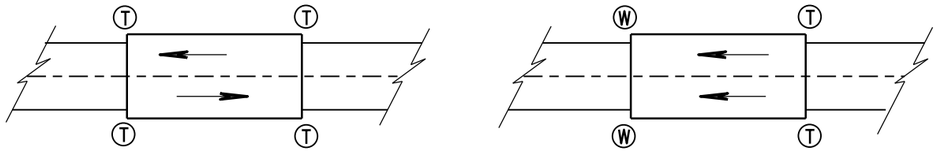
June 2017
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS
UNIT SUPERVISOR

FHWA

6

S.D.D. 14 B 44-3c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

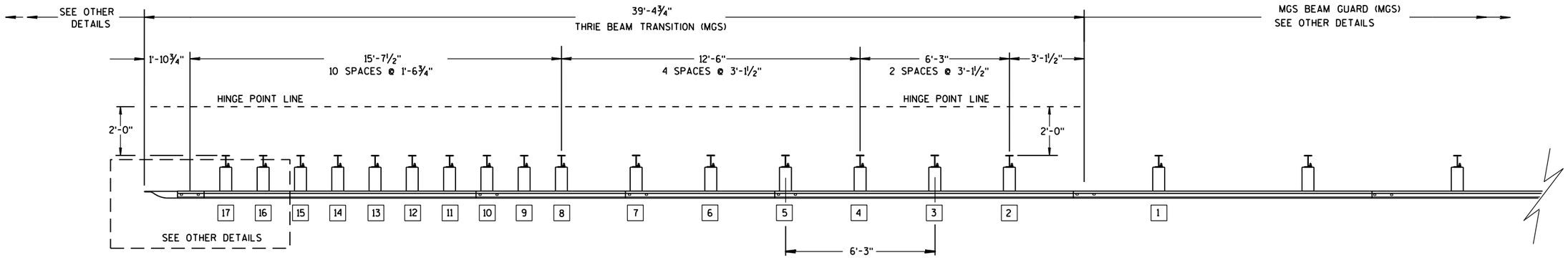
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

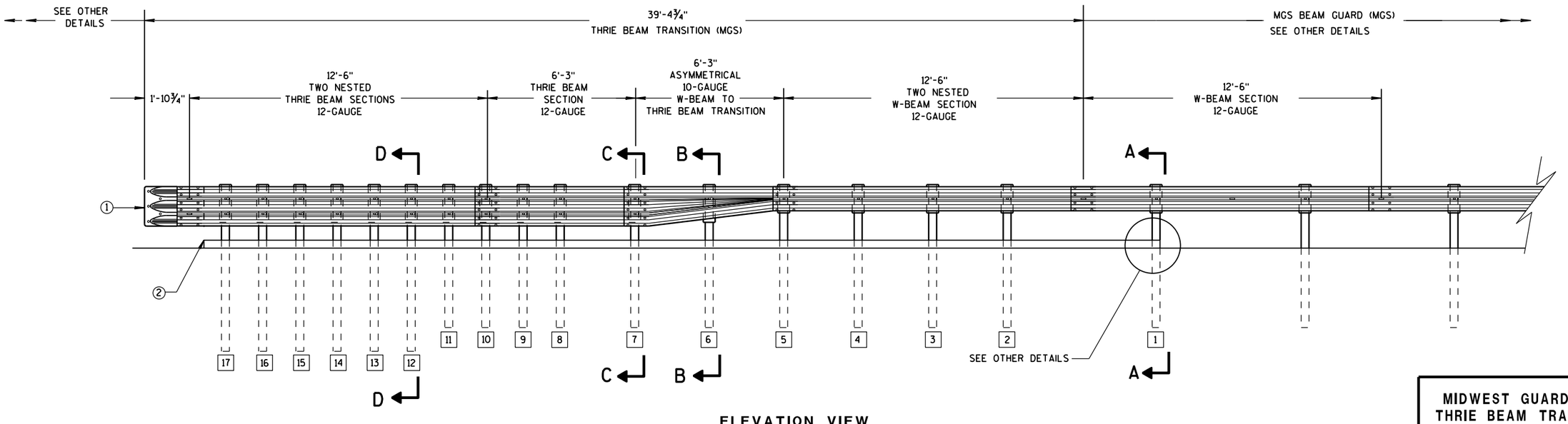
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPOI	372

6

S.D.D. 14 B 45-4a

6

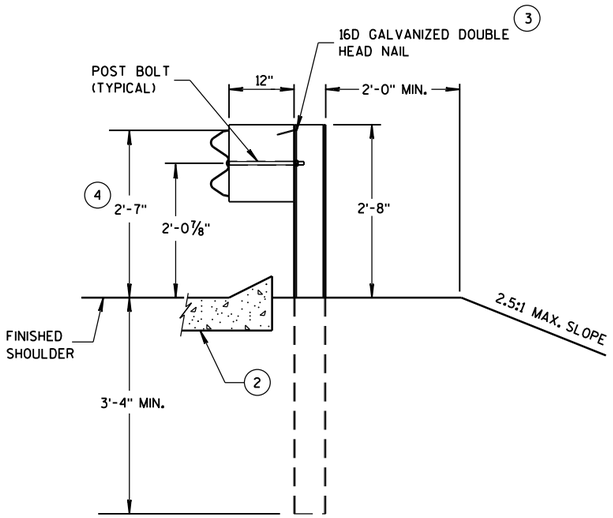
S.D.D. 14 B 45-4a

GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE_FEATURE SEE PLAN FOR INFORMATION.

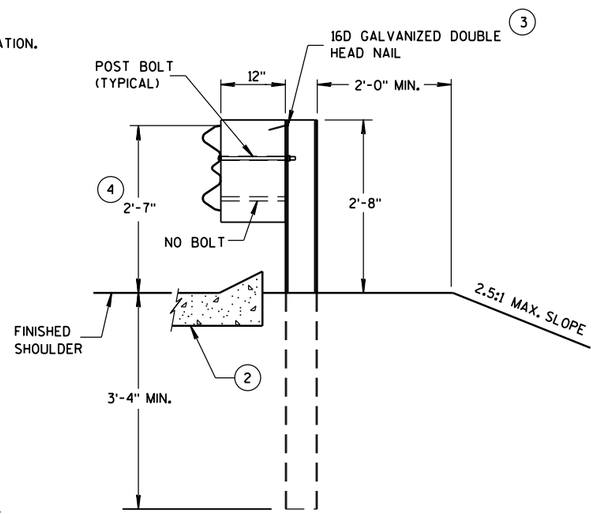
(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



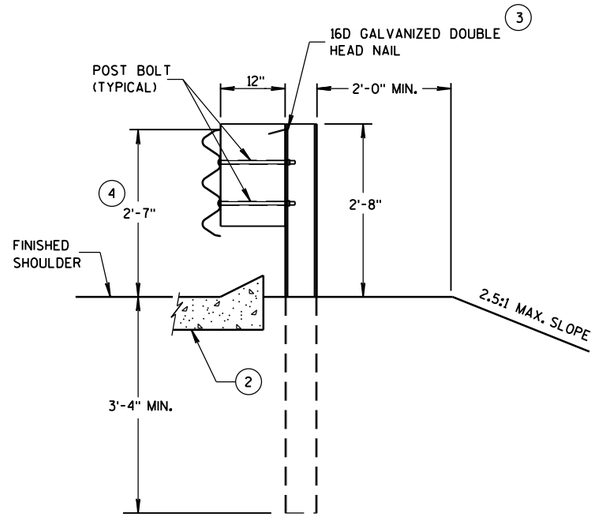
SECTION A-A

POSTS 1-5



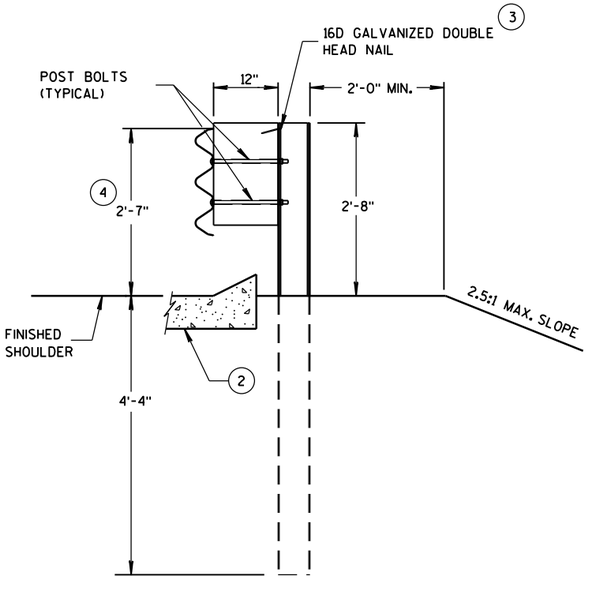
SECTION B-B

POST 6



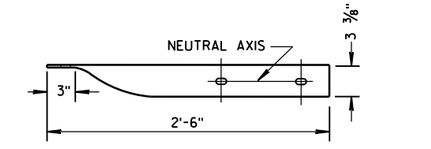
SECTION C-C

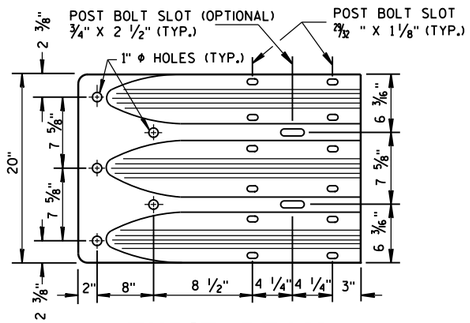
POSTS 7-11



SECTION D-D

POSTS 12-17





THRIE BEAM TERMINAL CONNECTOR

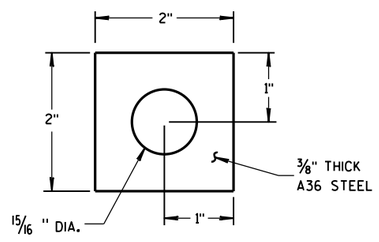
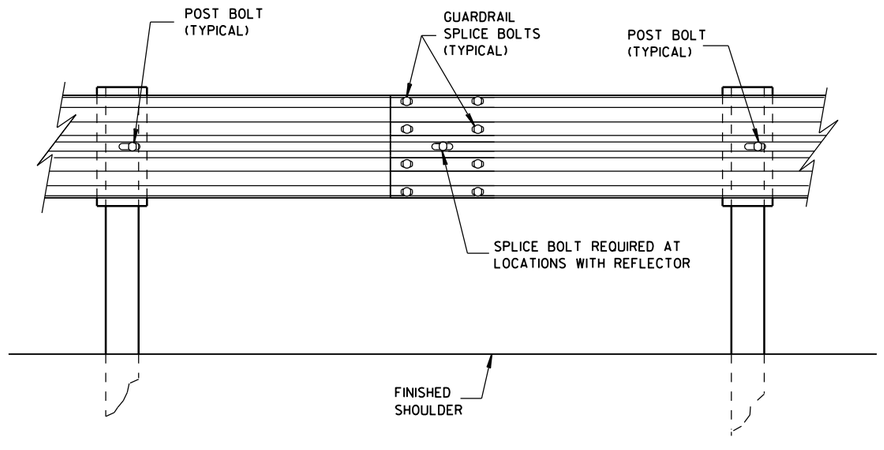
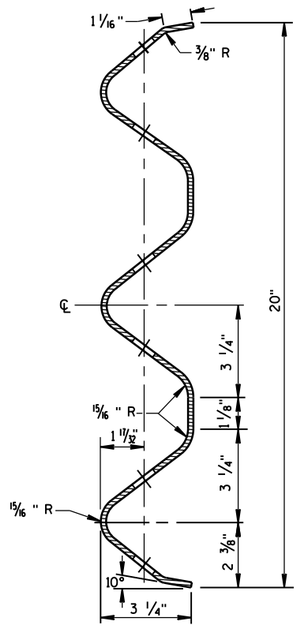


PLATE WASHER DETAIL



SPLICE DETAIL



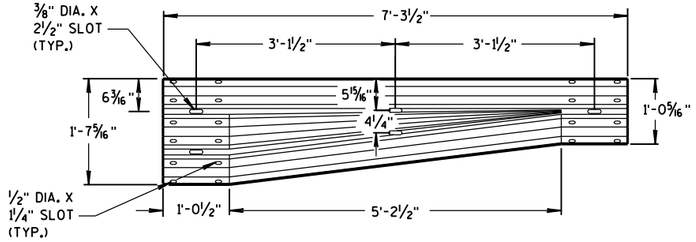
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

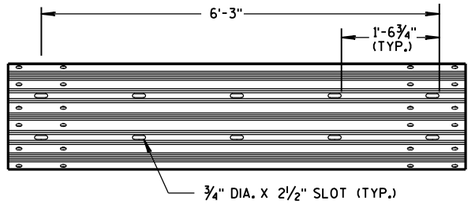
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

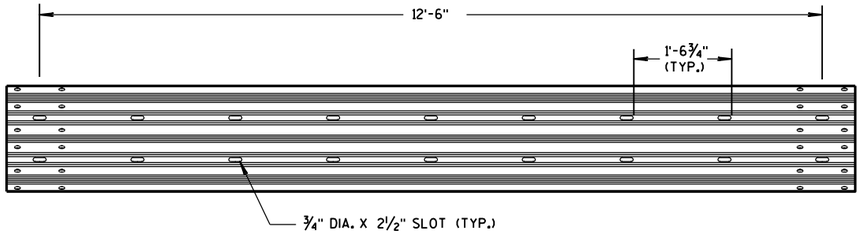
S.D.D. 14 B 45-4b



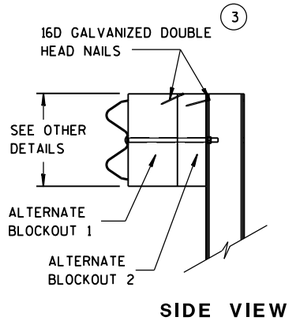
W-BEAM TO THRIE BEAM TRANSITION SECTION



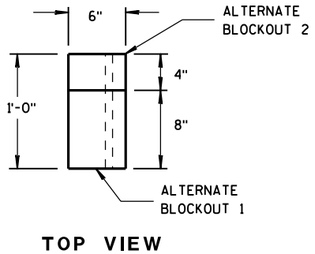
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

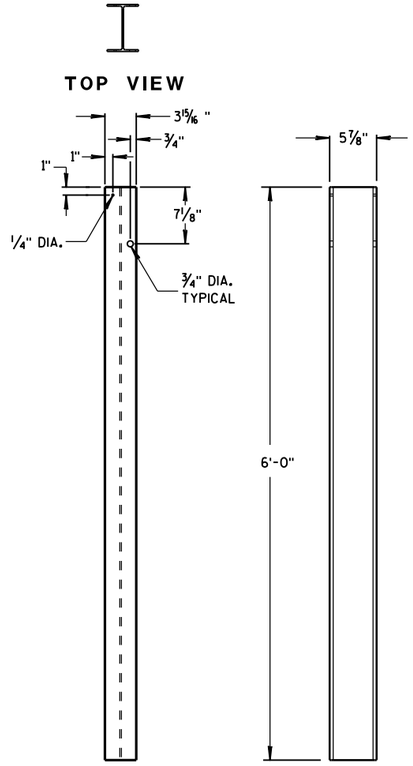


SIDE VIEW



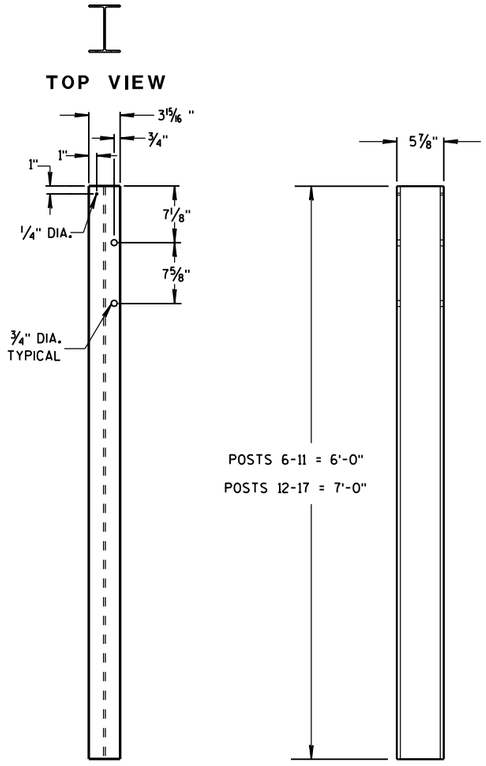
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



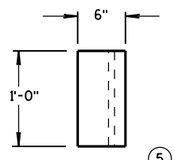
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5

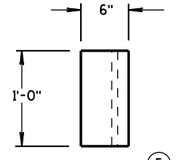


FRONT VIEW SIDE VIEW

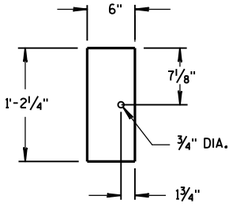
STEEL POSTS 6-17



TOP VIEW

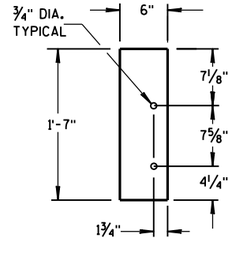


TOP VIEW



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

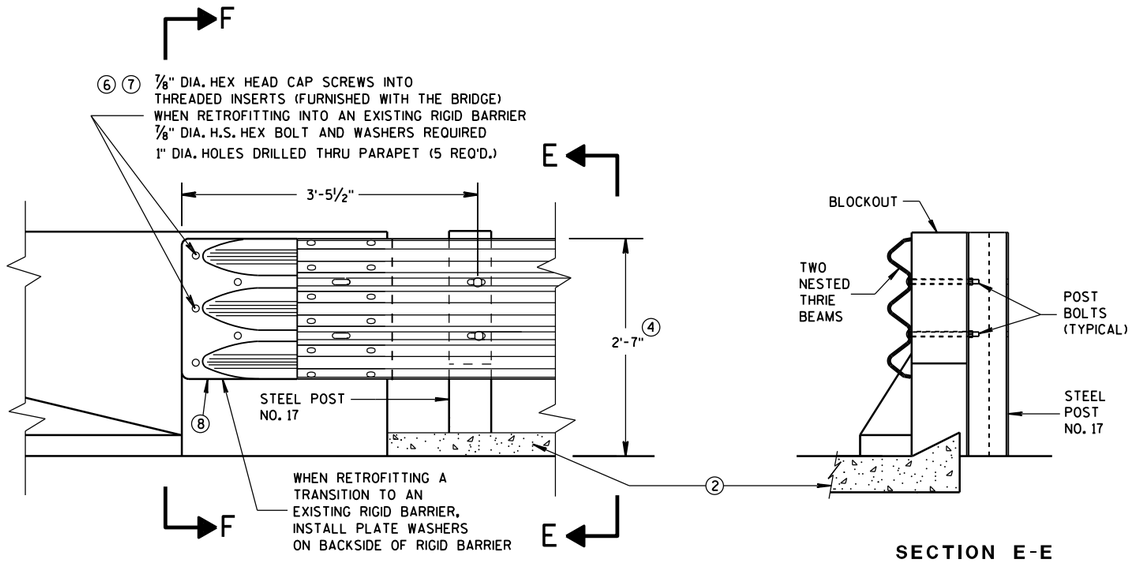
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-4c
S.D.D. 14 B 45-4c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

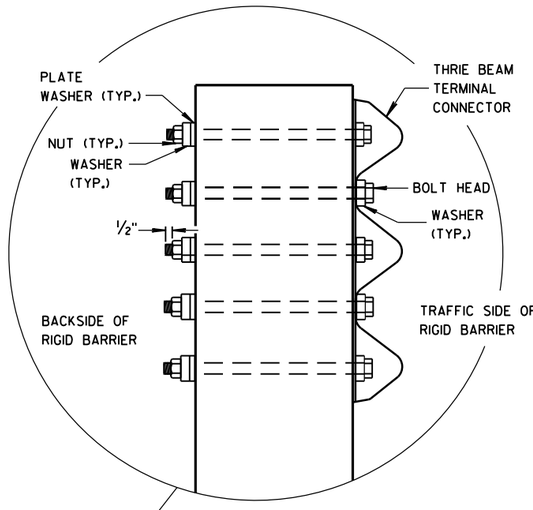
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

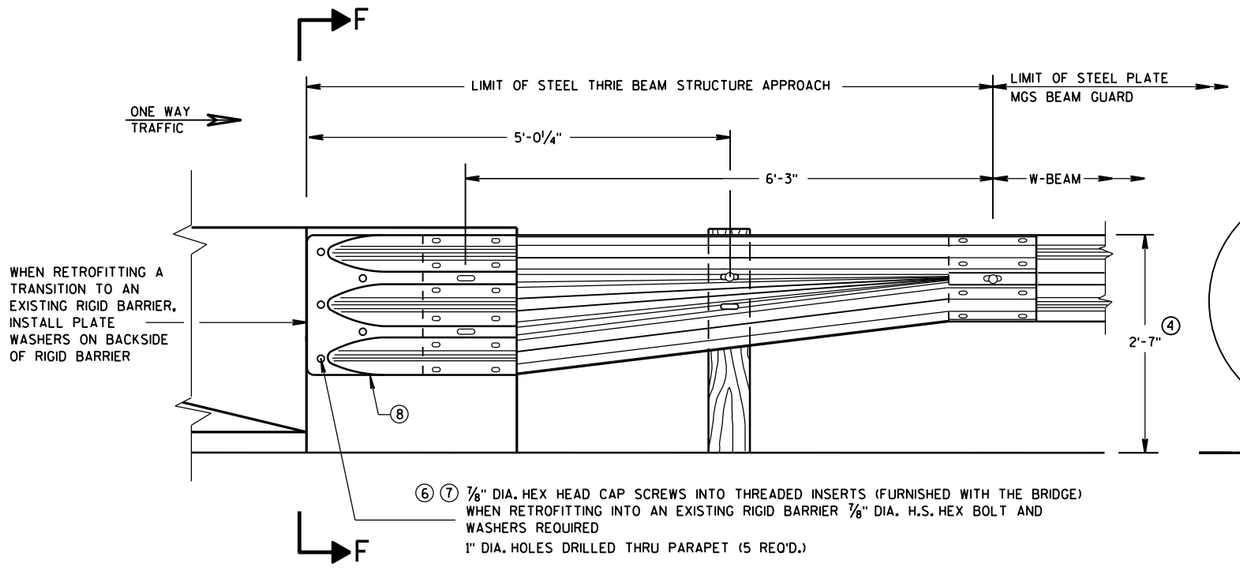
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

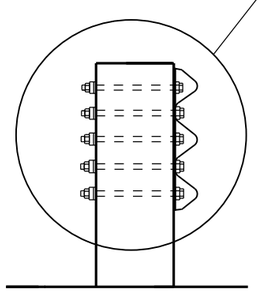
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

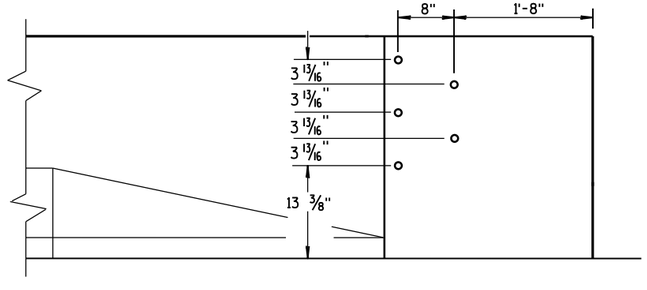




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA
375
NT

6

S.D.D. 14 B 45-4d

6

S.D.D. 14 B 45-4d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

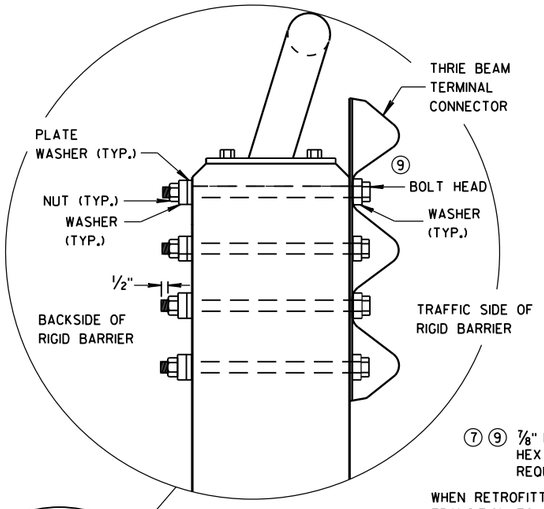
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

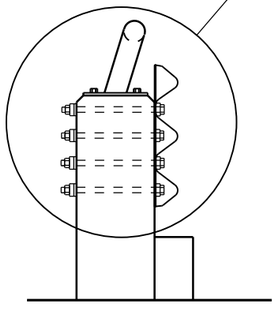
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

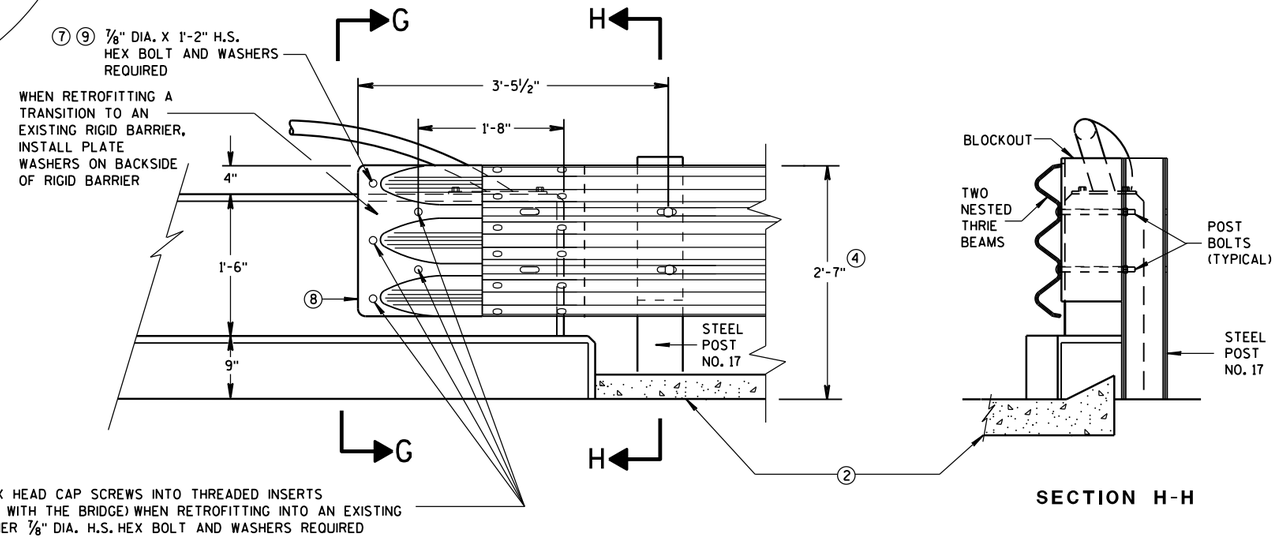
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





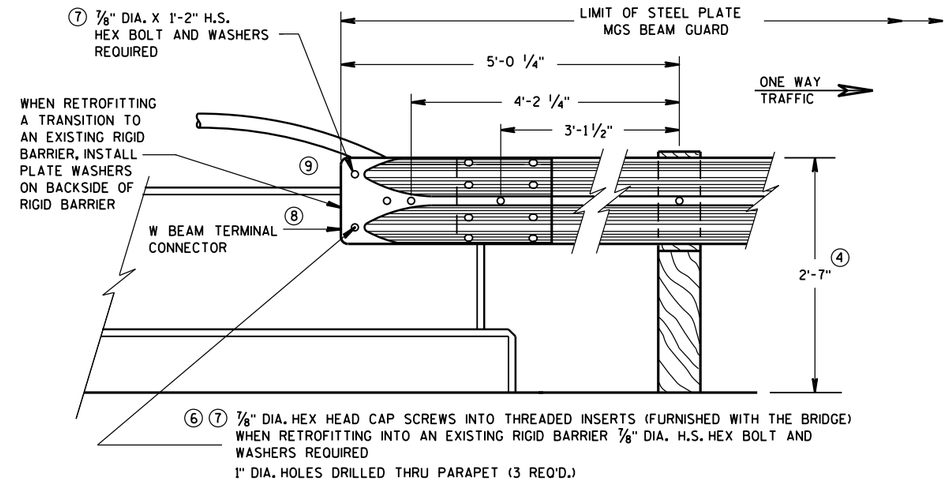
SECTION G-G



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
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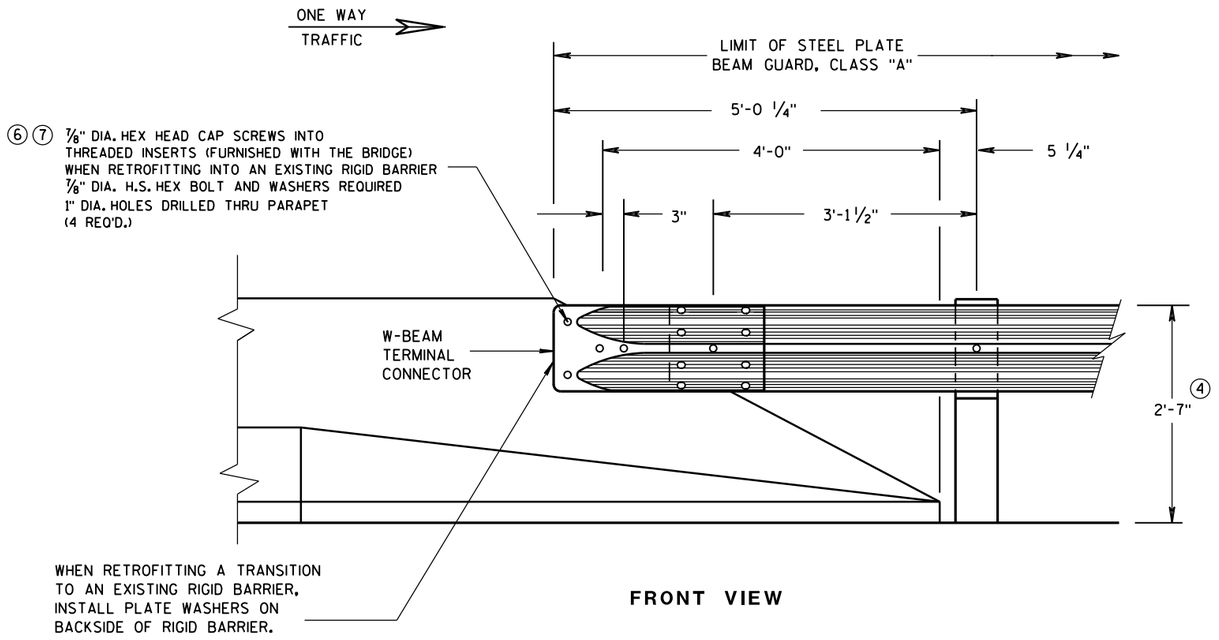


FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

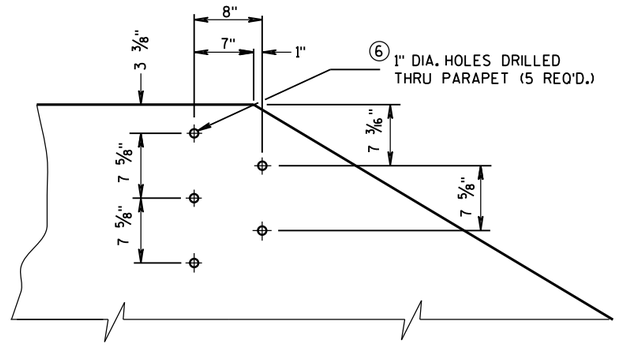
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

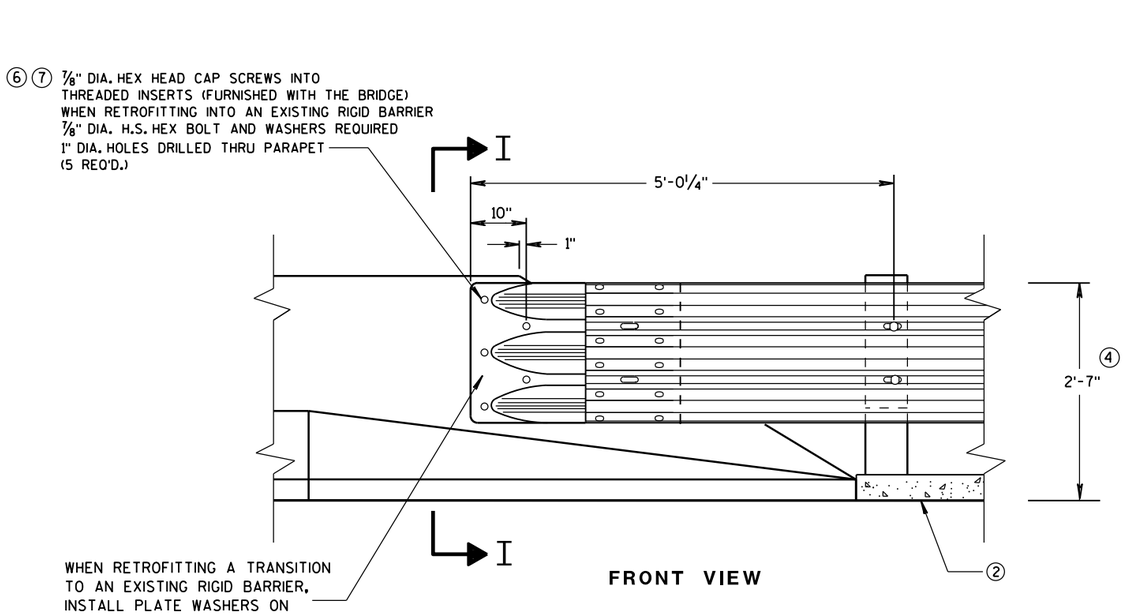
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

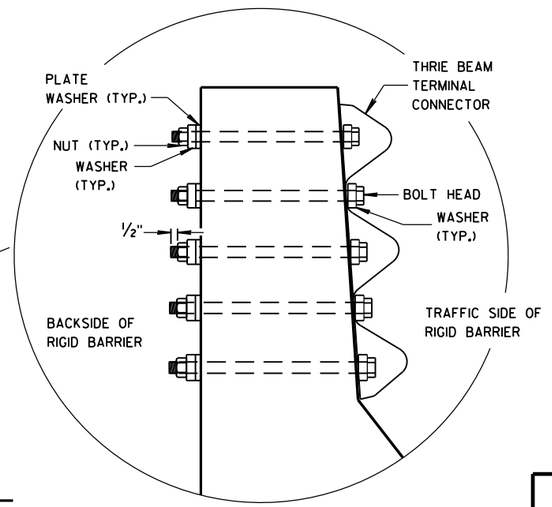


DRILL HOLE LOCATION AND PATTERN
FOR THRIE BEAM CONNECTION



FRONT VIEW

SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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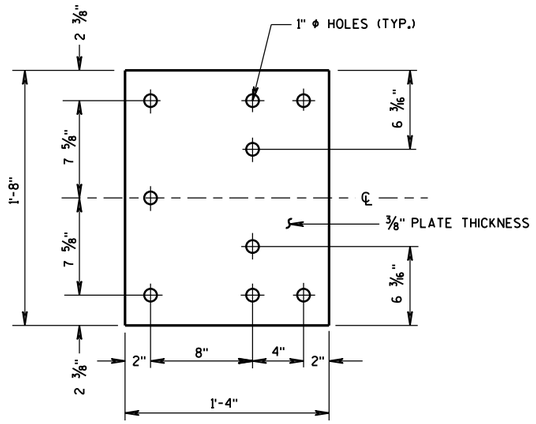
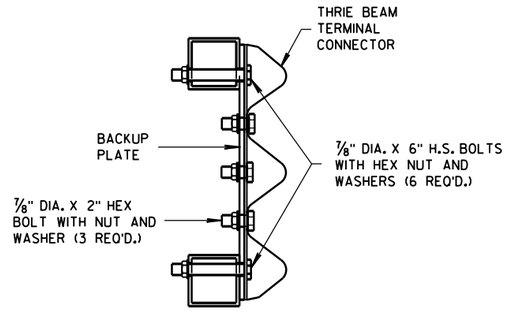
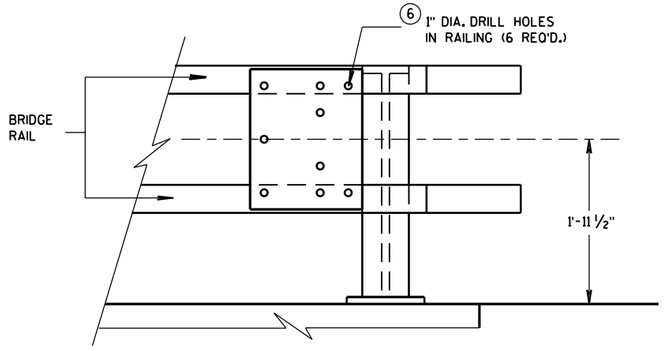


BACK-UP PLATE DETAIL



SECTION J-J

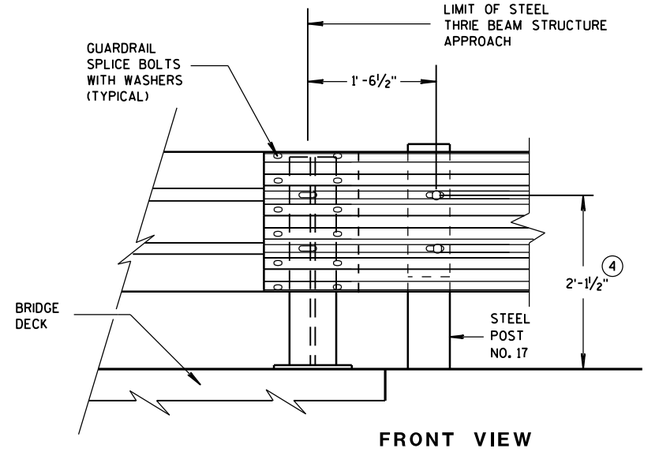


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

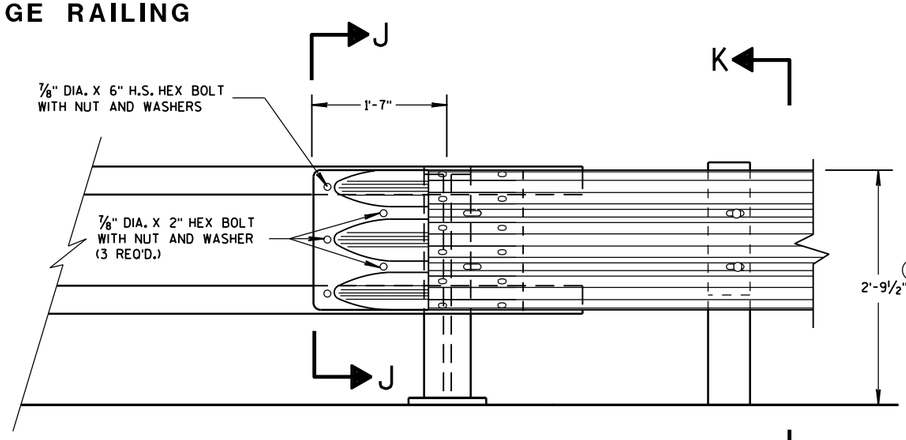
4 TOLERANCE FOR TOP OF BEAM IS ± 1".

6 DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

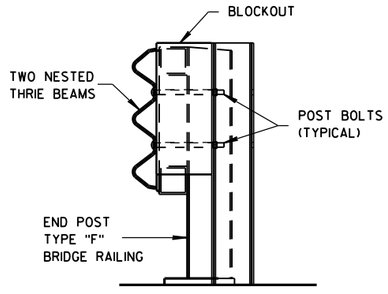


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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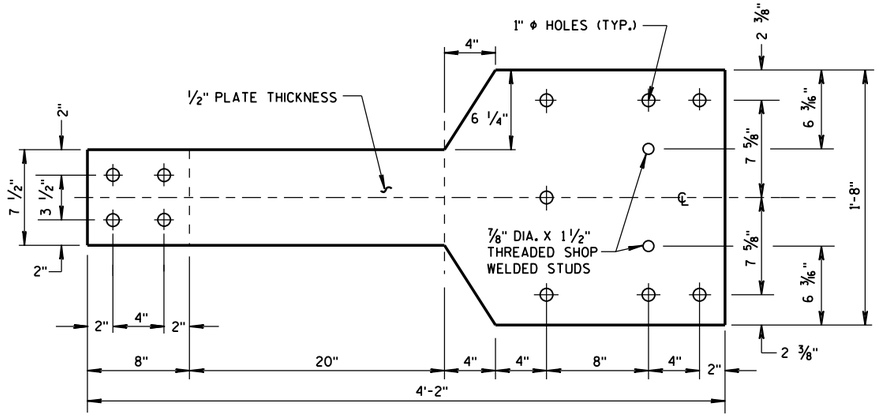
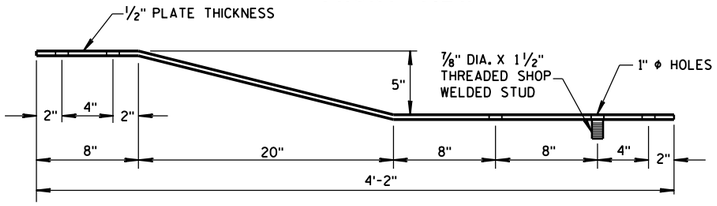
GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

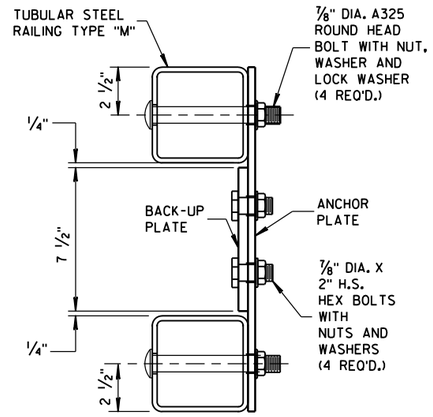


FRONT VIEW

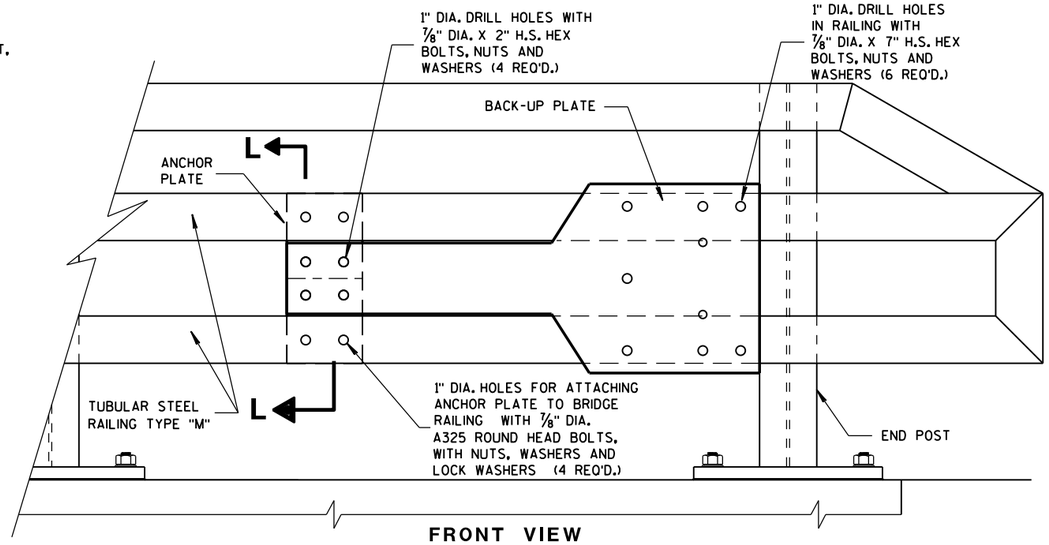


PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

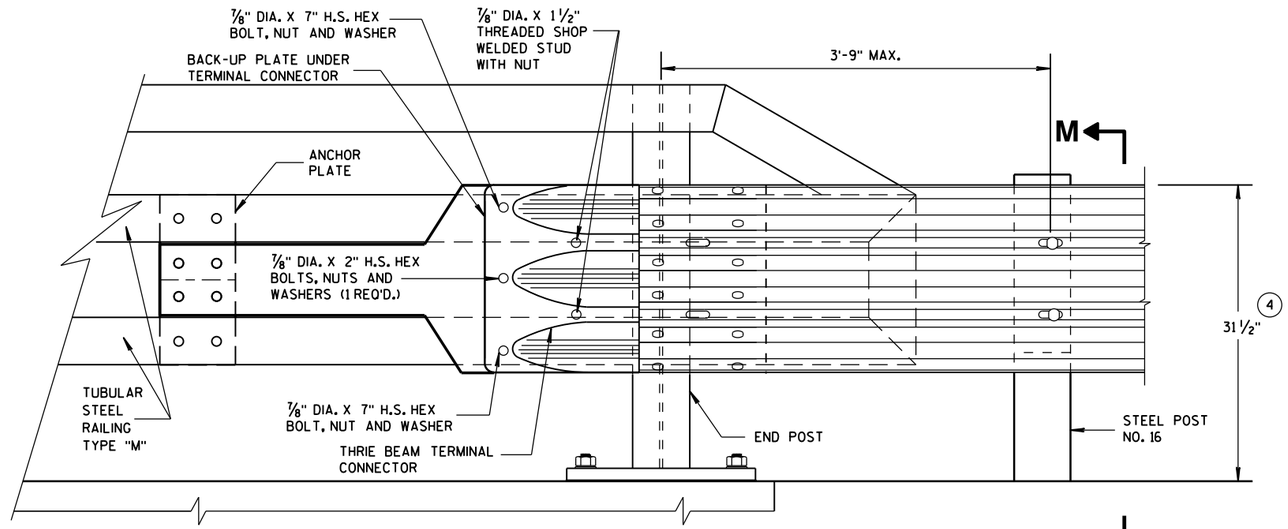


SECTION L-L

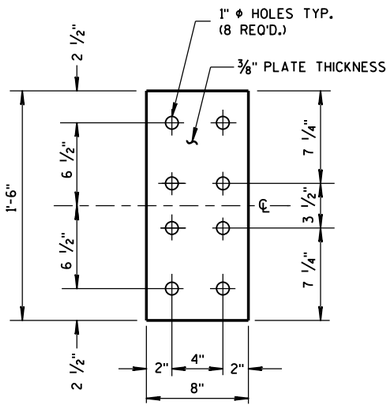


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"

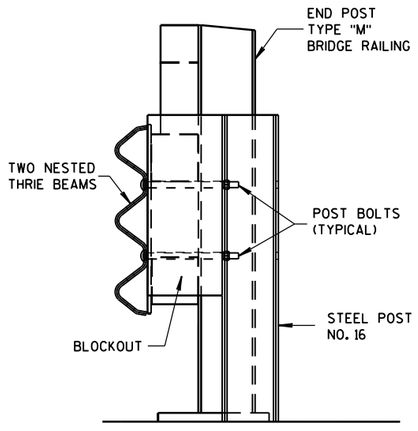


FRONT VIEW

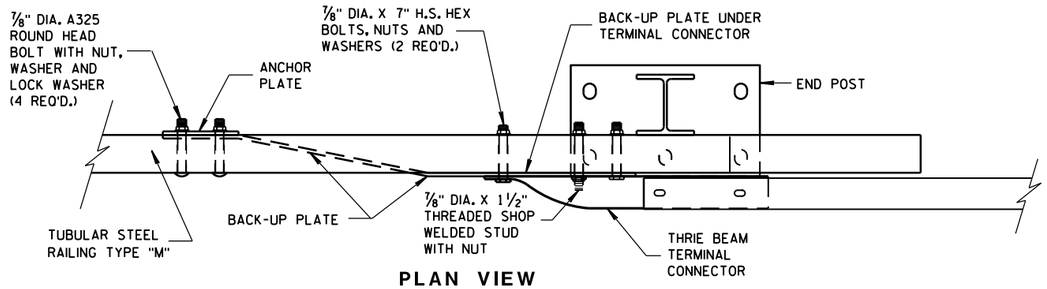


FRONT VIEW

ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June, 2015 DATE FHWA	/S/ Jerry H. Zogg ROADWAY STANDARDS ENGINEER

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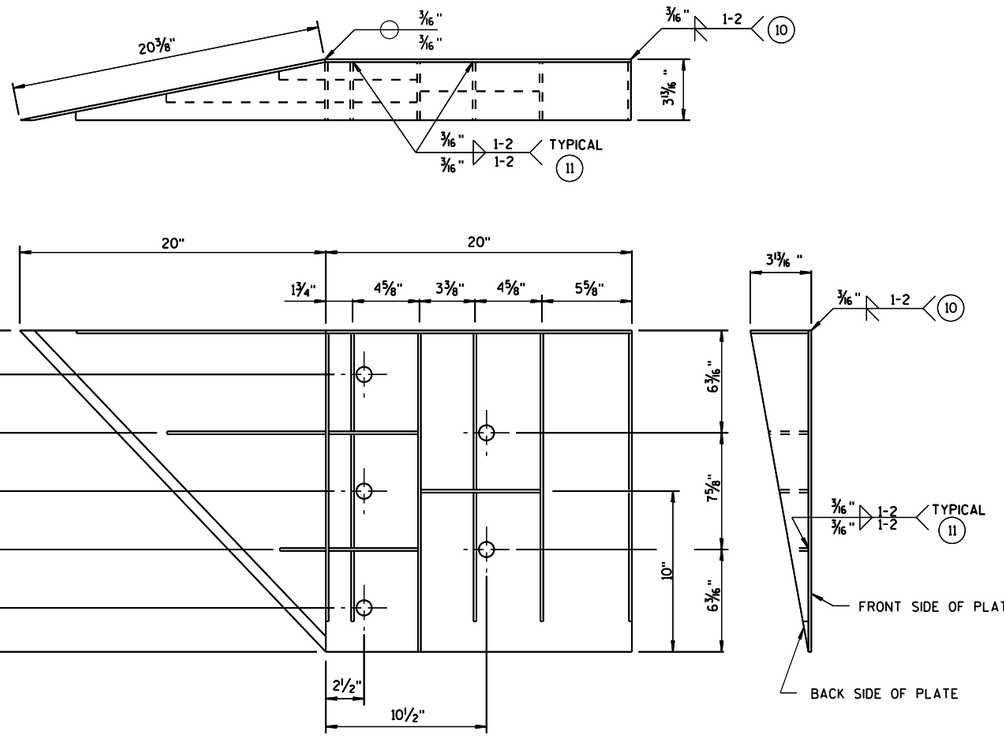

WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

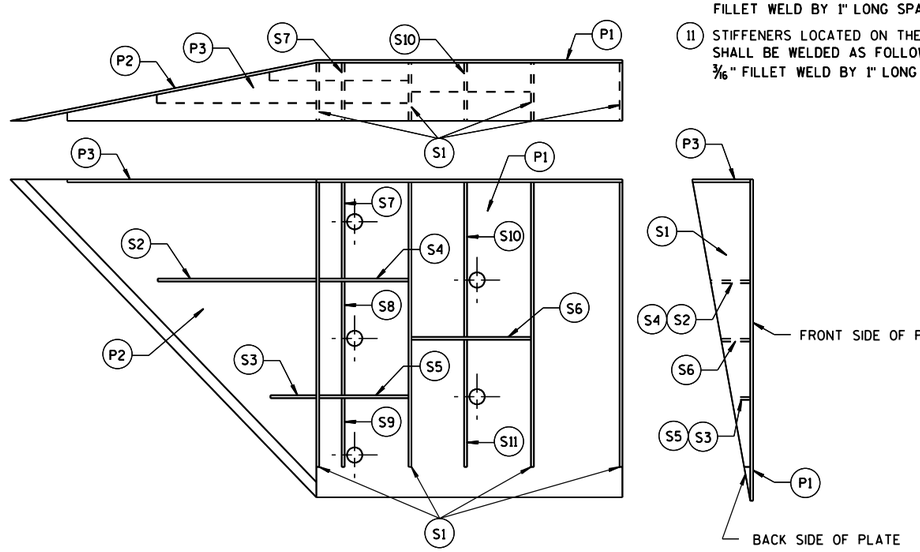

PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 3/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 1/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

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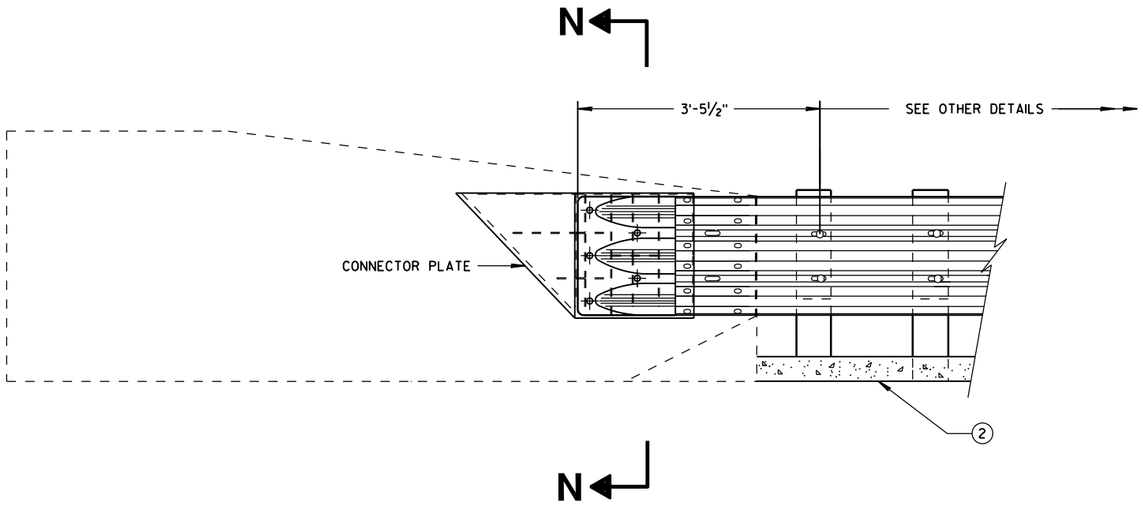
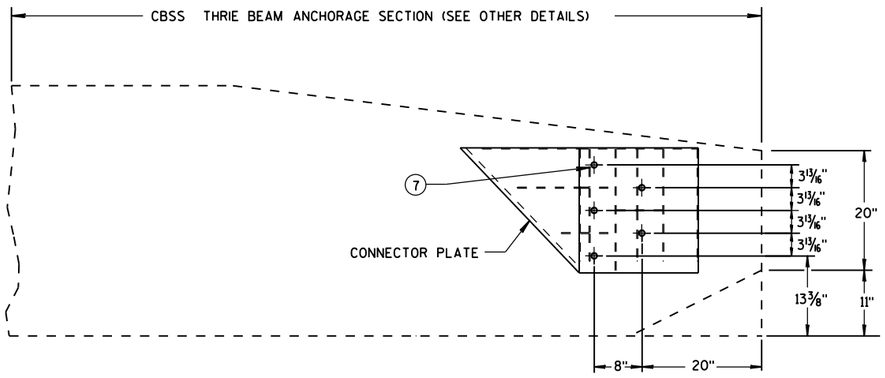


THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



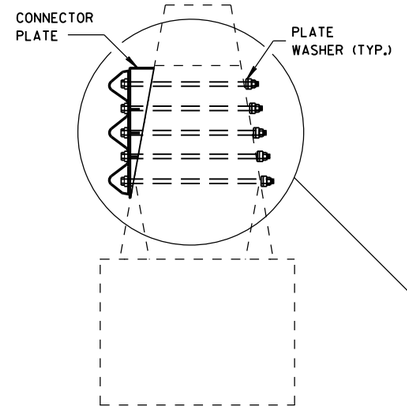
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

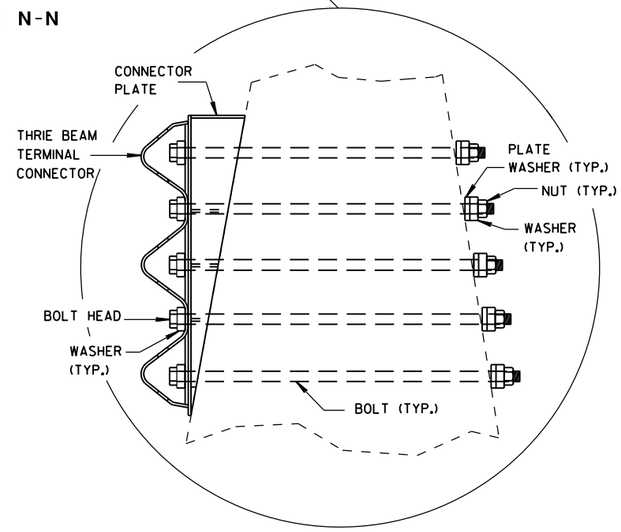
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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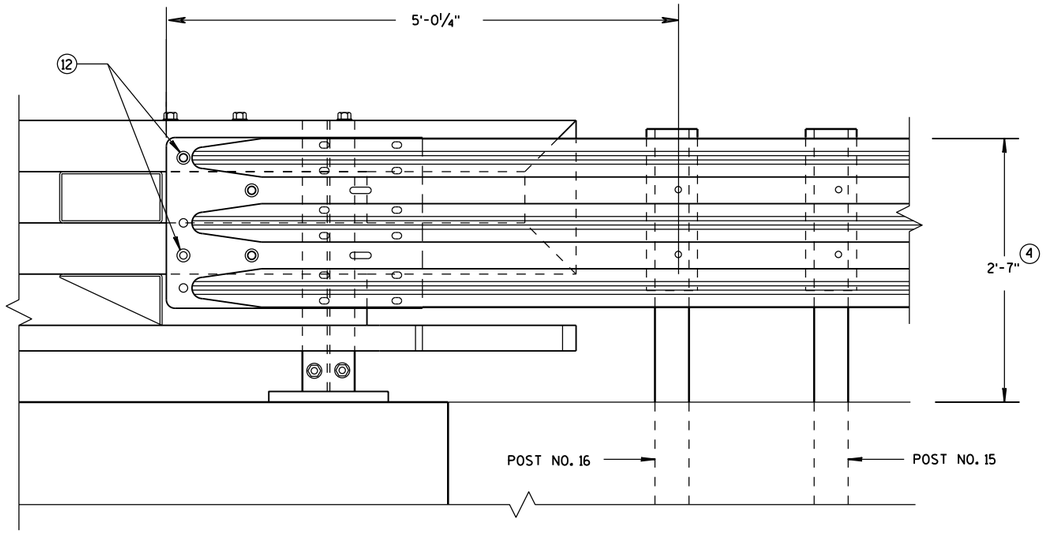
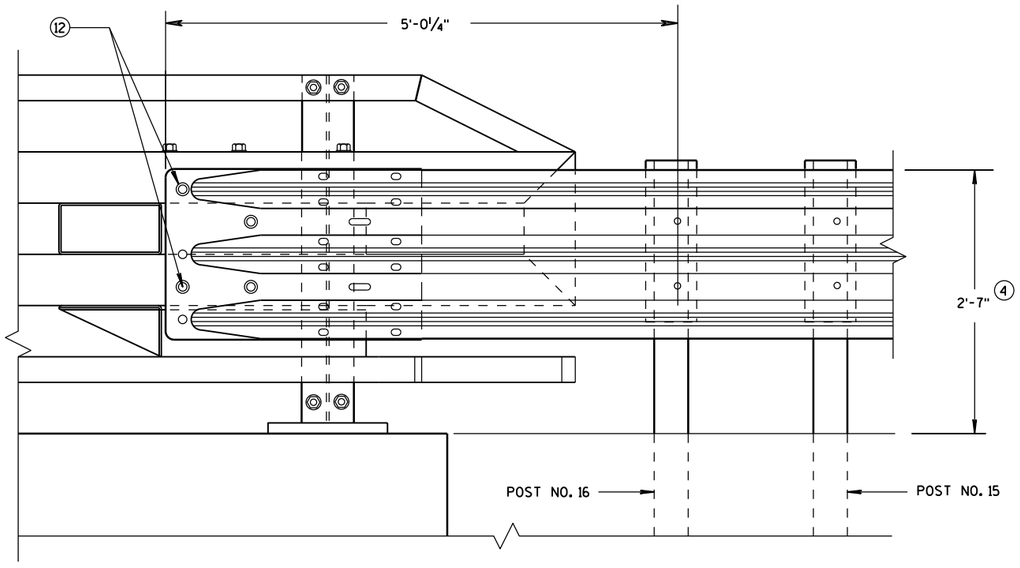


ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND ½-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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June, 2015
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS D 382 NT
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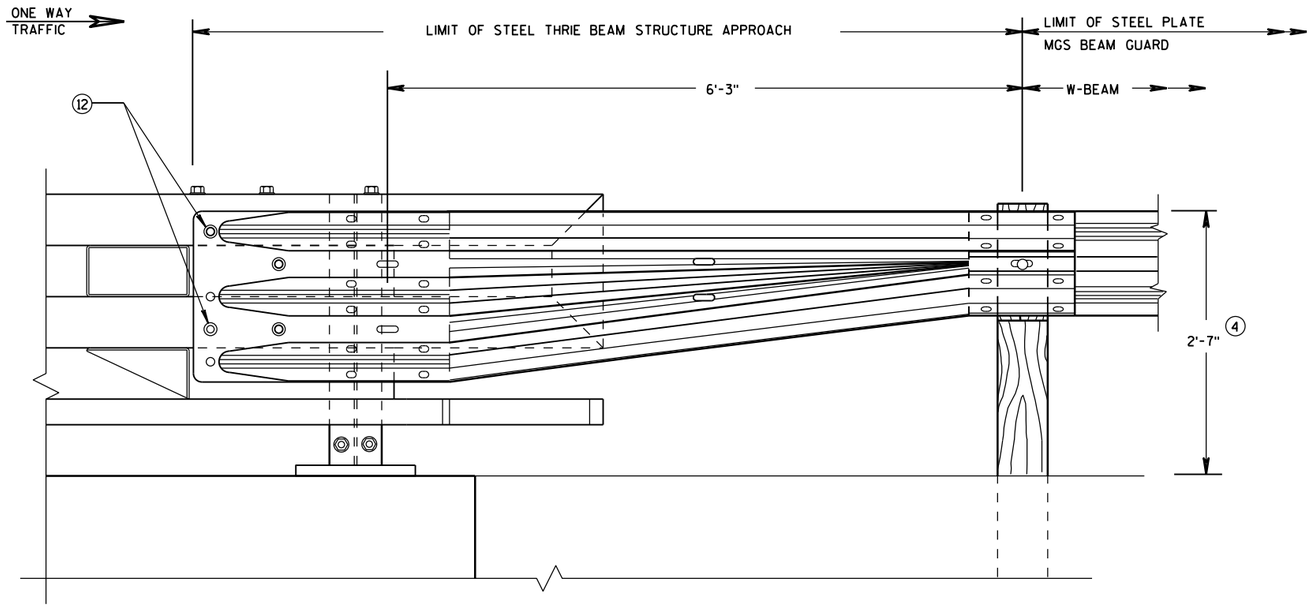


FRONT VIEW

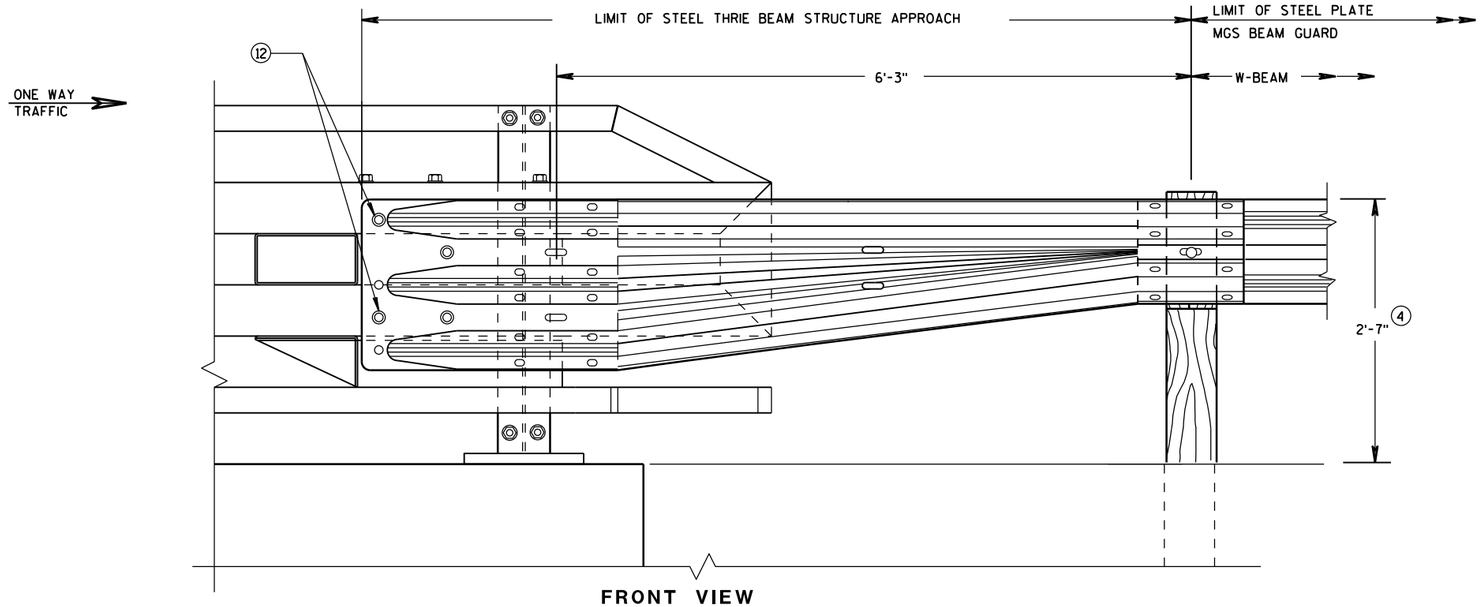
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND ½-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

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ROADWAY STANDARDS D 383 NT
ENGINEER
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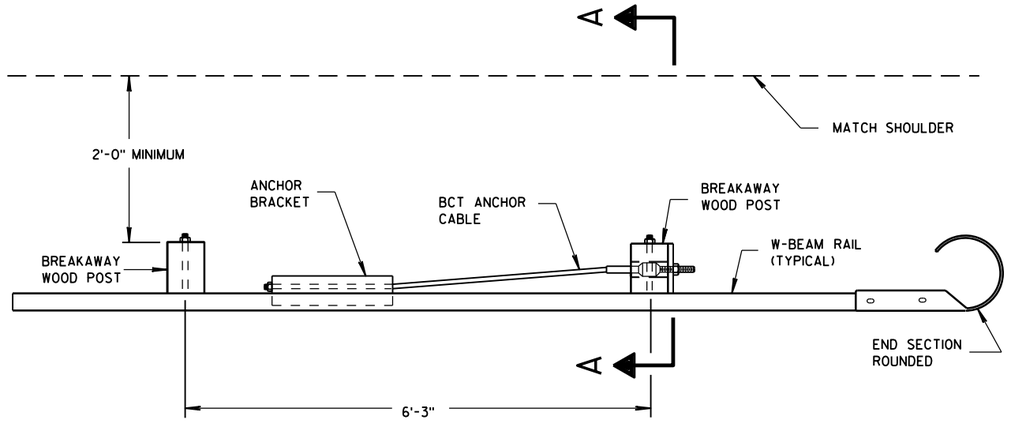
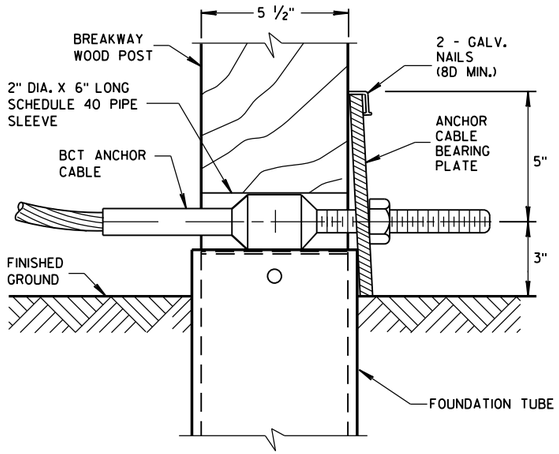


PLAN VIEW



DETAIL A

POST NO. 1
GROUNG STRUT NOT SHOWN FOR CLARITY.

GENERAL NOTES

SEE SDD 14 B 42 FOR MORE INFORMATION.

END SECTION BOLTS AND NUTS HAVE THE SAME MATERIAL REQUIREMENTS AS SPLICE BOLTS.

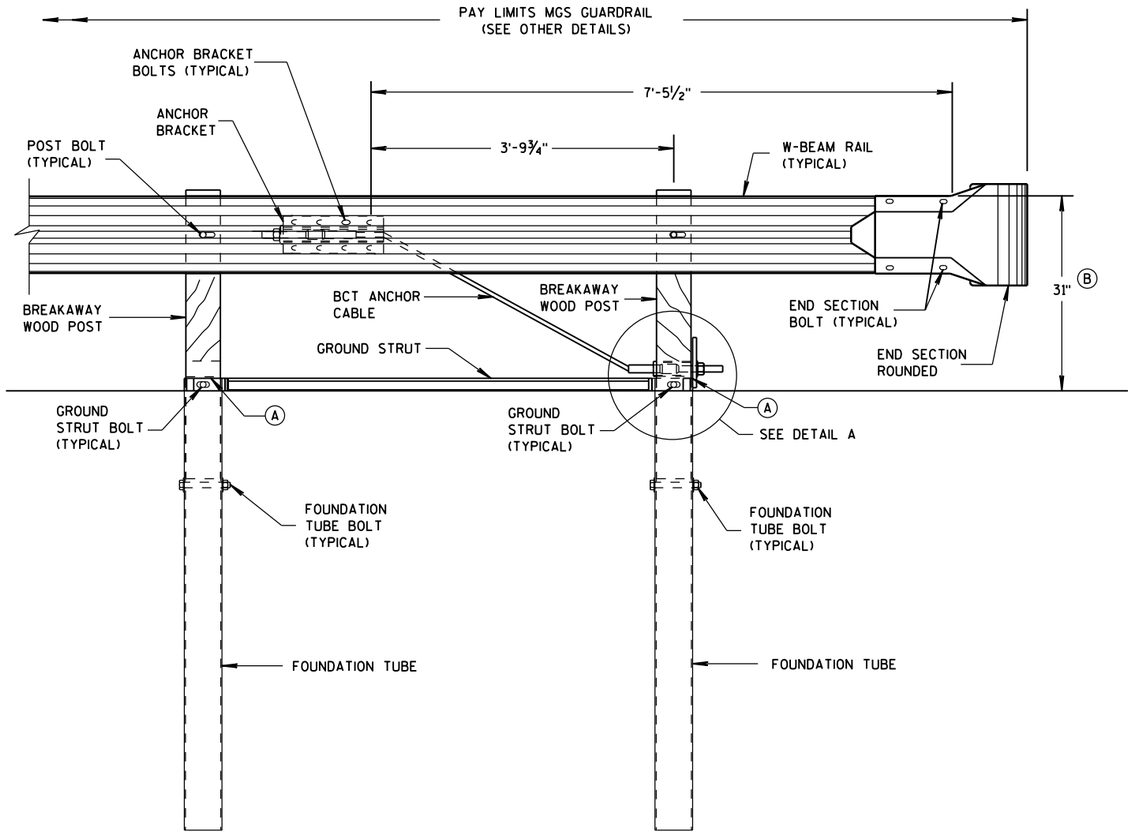
FOUNDATION TUBE BOLTS ARE ⅞" DIAMETER ASTM A307 HEX HEAD BOLT. FOUNDATION TUBE BOLTS REQUIRE ASTM A563 A NUT AND TWO ASTM F844 ⅞" DIAMETER FLAT WASHERS. INSTALL ONE WASHER UNDER BOLT HEAD AND ONE WASHER UNDER NUT.

ANCHOR BRACKET AND GROUND STRUT BOLTS ARE A ⅝" DIAMETER ASTM A307 HEX HEAD BOLT. ANCHOR BRACKET BOLTS REQUIRE ASTM A563 A NUT AND TWO ASTM F844 ⅝" DIAMETER FLAT WASHERS. INSTALL ONE WASHER UNDER BOLT HEAD AND ONE WASHER UNDER NUT.

W-BEAM END SECTION ROUNDED HAS THE SAME MATERIAL PROPERTIES AS STANDARD STEEL RAIL.

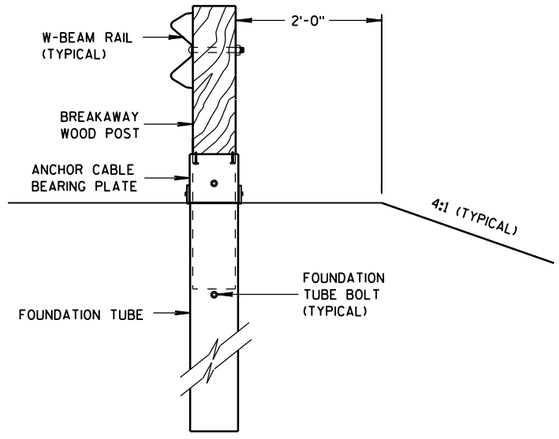
(A) TOP OF FOUNDATION TUBE SHALL BE NO MORE THAN 3" ABOVE FINISHED GROUND.

(B) FOR NEW CONSTRUCTION TOP OF RAIL IS 31" ± 1".
FOR EXISTING INSTALLATIONS TOP OF RAIL IS BETWEEN 27¾" TO 32" ± 1".

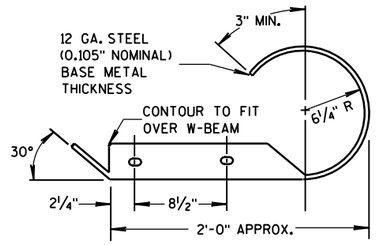


FRONT VIEW

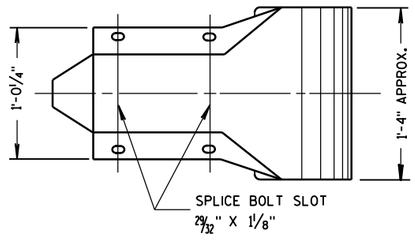
END RAIL DETAIL



SECTION A-A



PLAN VIEW



FRONT VIEW

W BEAM END SECTION ROUNDED

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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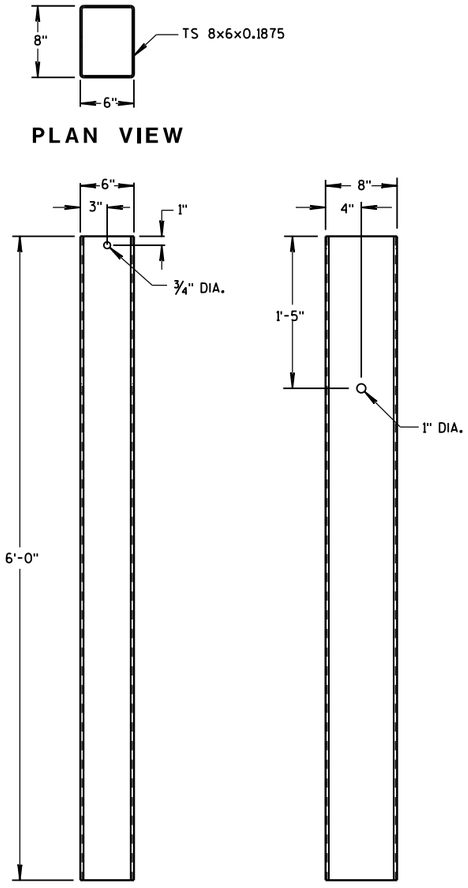
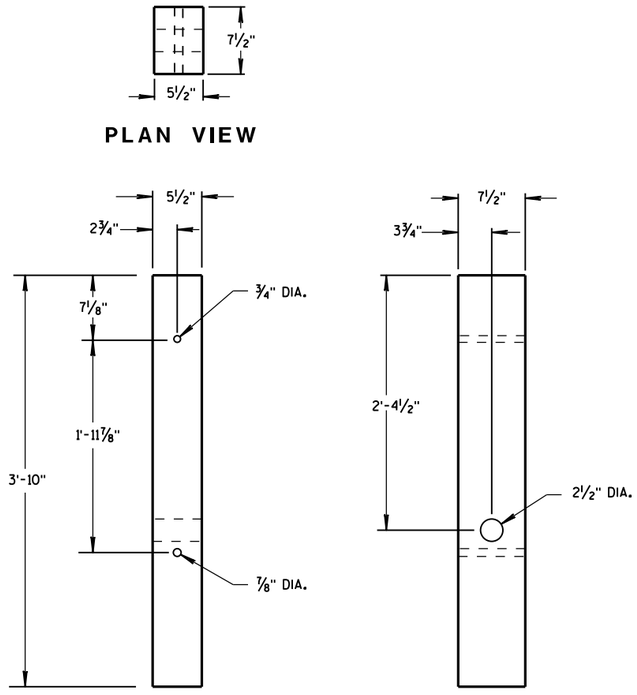
S.D.D. 14 B 47-2a



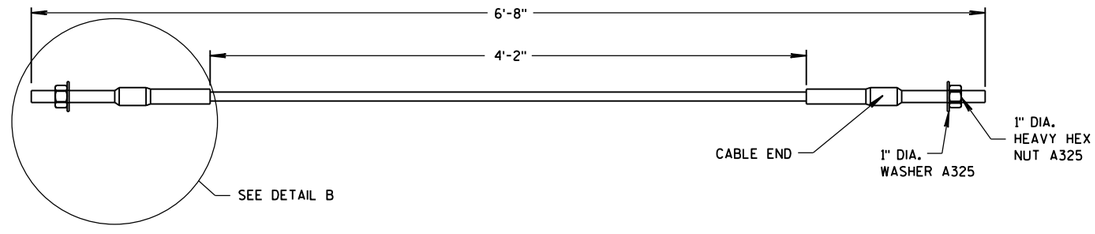
FOUNDATION TUBE



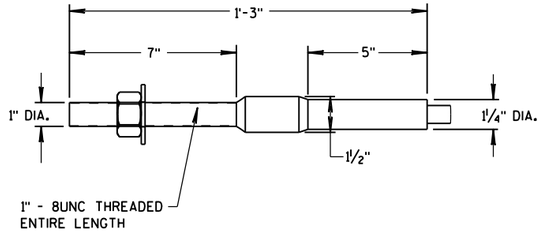
BREAKAWAY WOOD POST

GENERAL NOTES

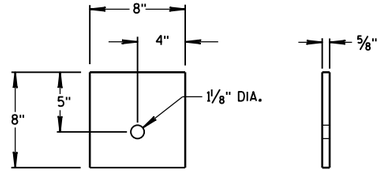
BCT ANCHOR CABLE IS A ¾" DIAMETER 6X19 IWRC IPS GALVANIZED WIRE ROPE. THE SWAGED FITTINGS AND STUD ARE REQUIRED. END FITTING SHALL BE MACHINED FROM HOT-ROLLED CARBON STEEL CONFORMING TO ASTM A576 GRADE 1035 AND GALVANIZED ACCORDING TO ASTM A123. TREADED STUD SHALL CONFORM TO ASTM A325 OR SAE GRADE 5. MINIMUM BREAKING STRENGTH OF WIRE ROPE IS 43,000 LB. WIRE ROPE IS TO BE TAUT.



BCT ANCHOR CABLE



DETAIL B



ANCHOR CABLE
BEARING PLATE

MIDWEST GUARDRAIL
SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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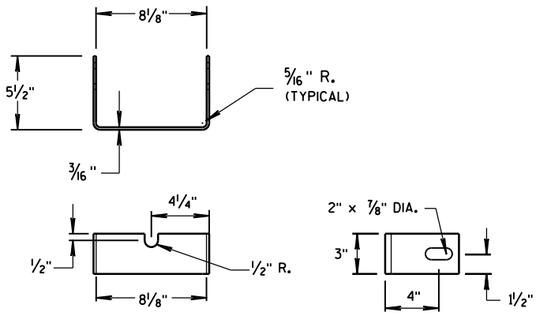
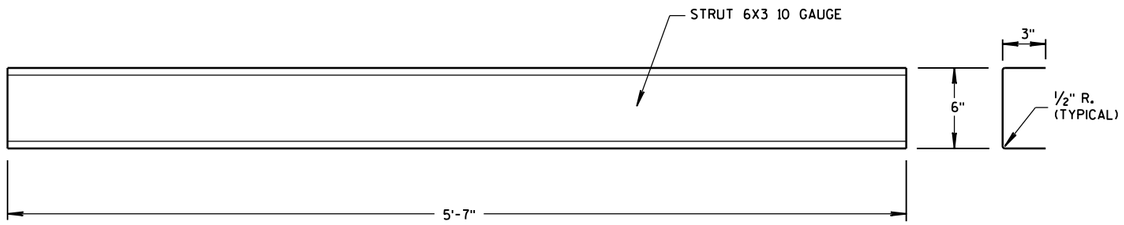
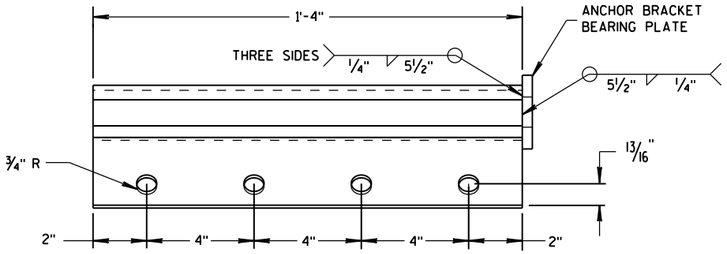
S.D.D. 14 B 47-2b

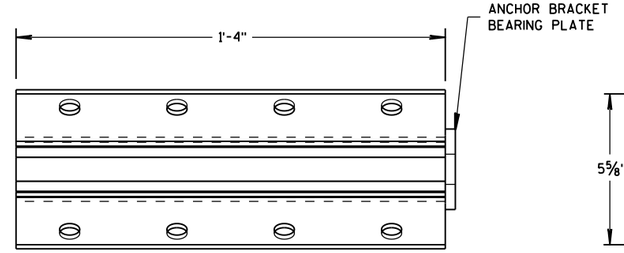


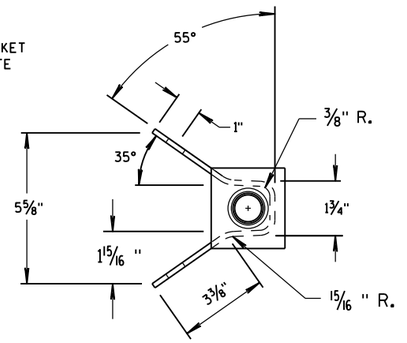
YOKE DETAIL



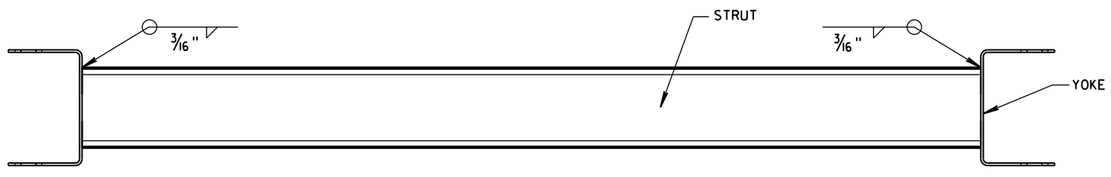
STRUT DETAIL



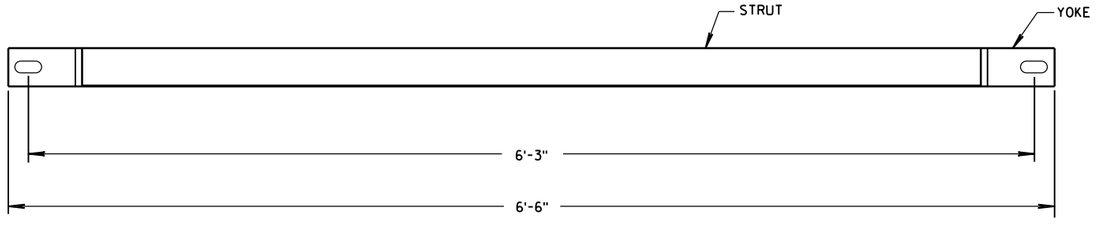




ANCHOR BRACKET

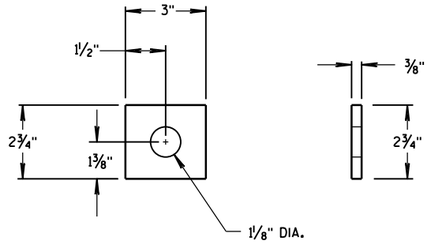


PLAN VIEW



FRONT VIEW

GROUND STRUT DETAIL



ANCHOR BRACKET BEARING PLATE

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA

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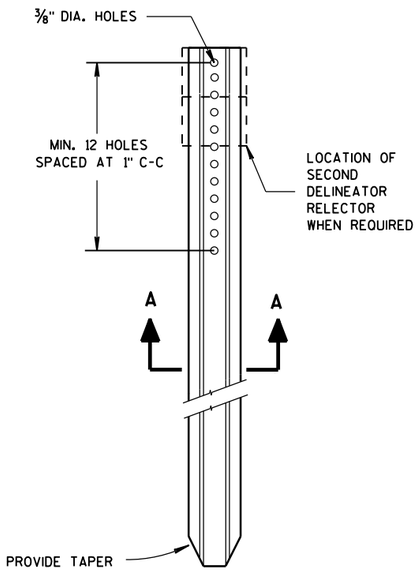
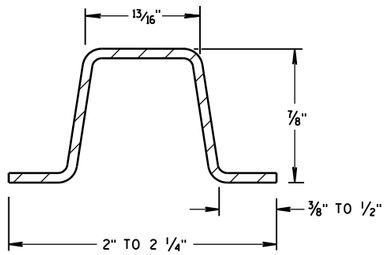
S.D.D. 14 B 47-2c

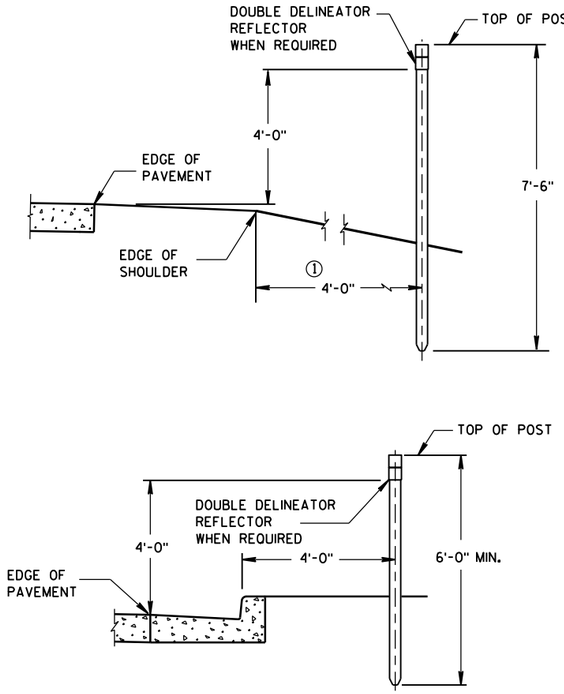


DELINEATOR POST



SECTION A-A

WEIGHT 1.12 LBS PER FT. ± 0.1 LB.

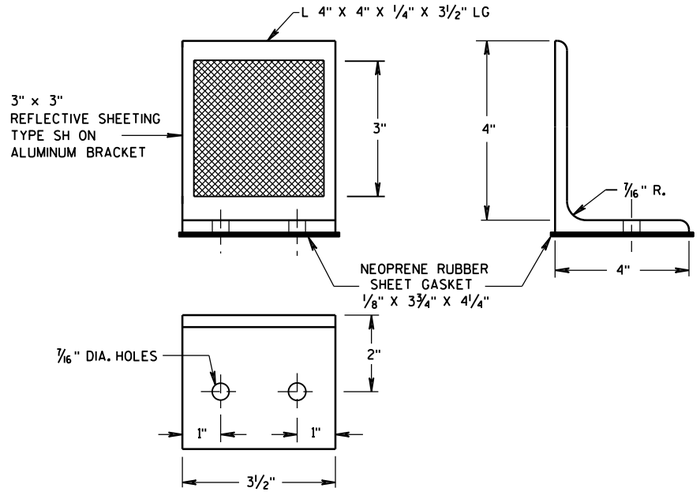


TYPICAL INSTALLATIONS OF DELINEATOR POSTS

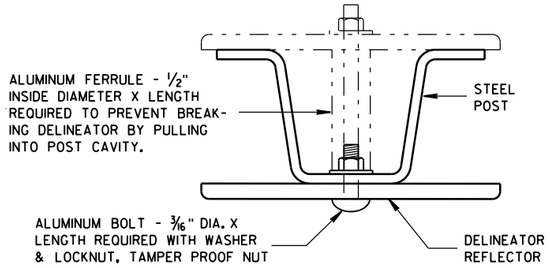
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

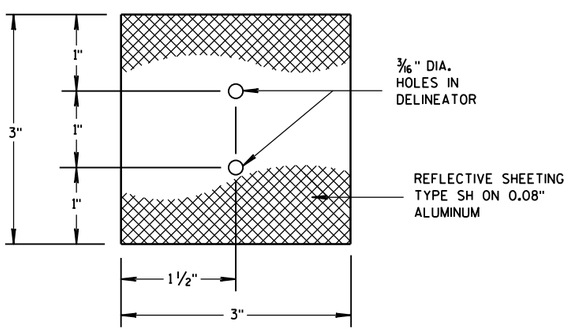
① DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.



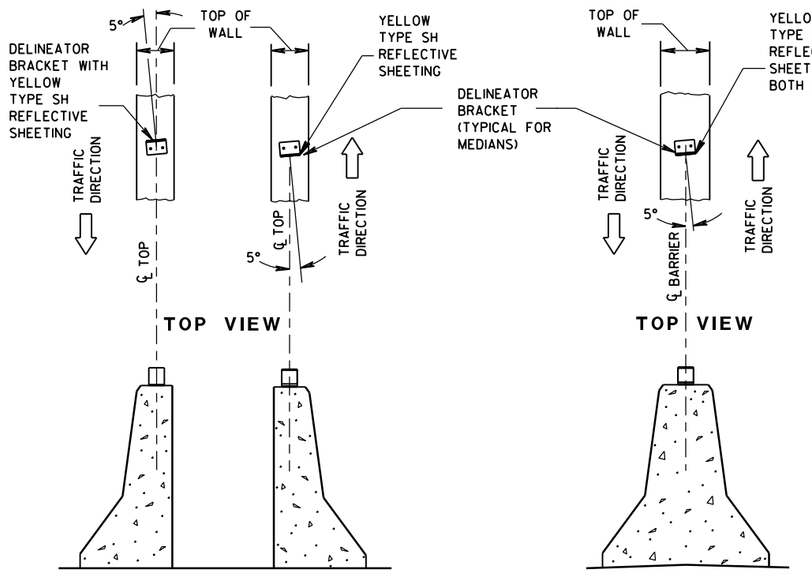
DELINEATOR BRACKET



MOUNTING DETAIL FOR DELINEATOR REFLECTOR

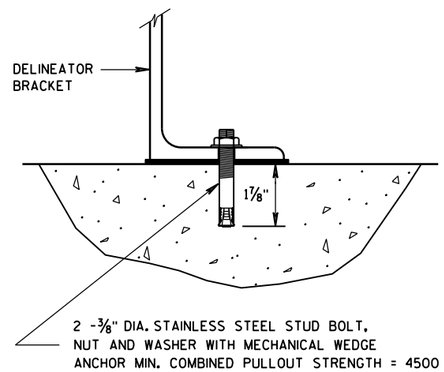


3"x 3" DELINEATOR REFLECTOR



DOUBLE BARRIERS IN MEDIAN | **MEDIAN BARRIER** | **BARRIER LOCATED TO RT. OF TRAFFIC FLOW**

LOCATION AND AIMING DETAILS FOR DELINEATOR BRACKETS MOUNTED ON CONCRETE BARRIERS



DELINEATOR BRACKET MOUNTING DETAIL

DELINEATOR POST, DELINEATOR REFLECTOR AND DELINEATOR BRACKET WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-18-16 DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR[illegible]INEER
FHWA

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S.D.D. 15 A 2-9

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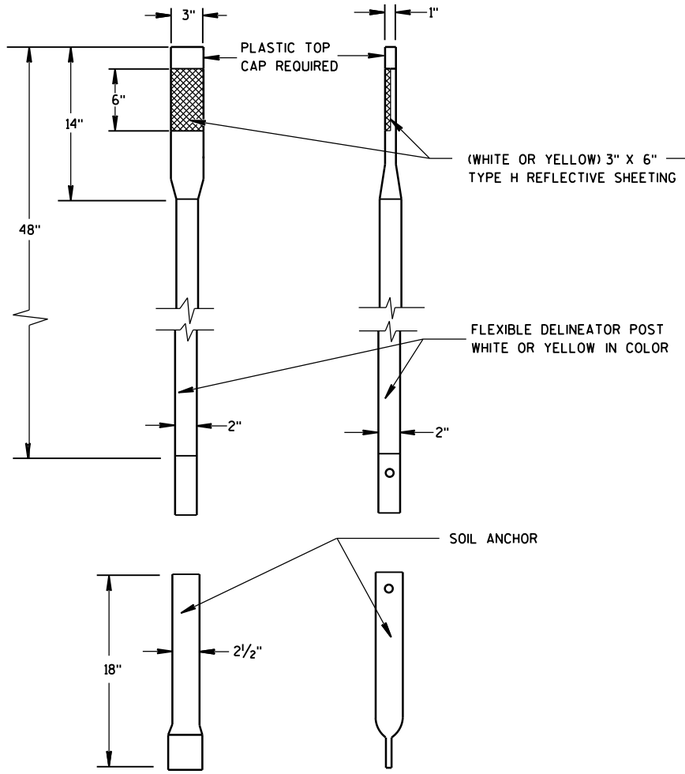
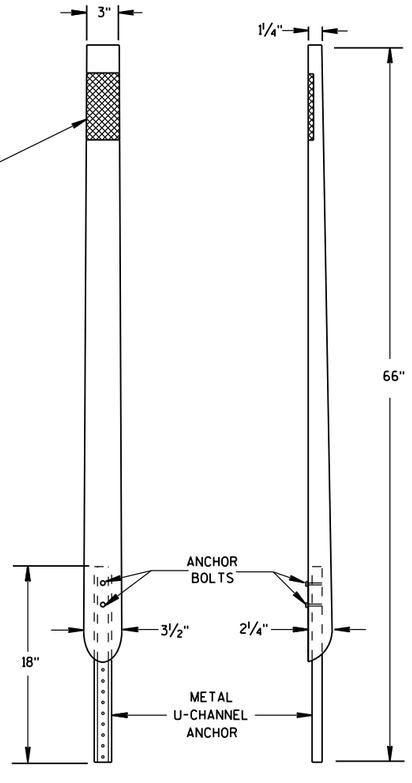
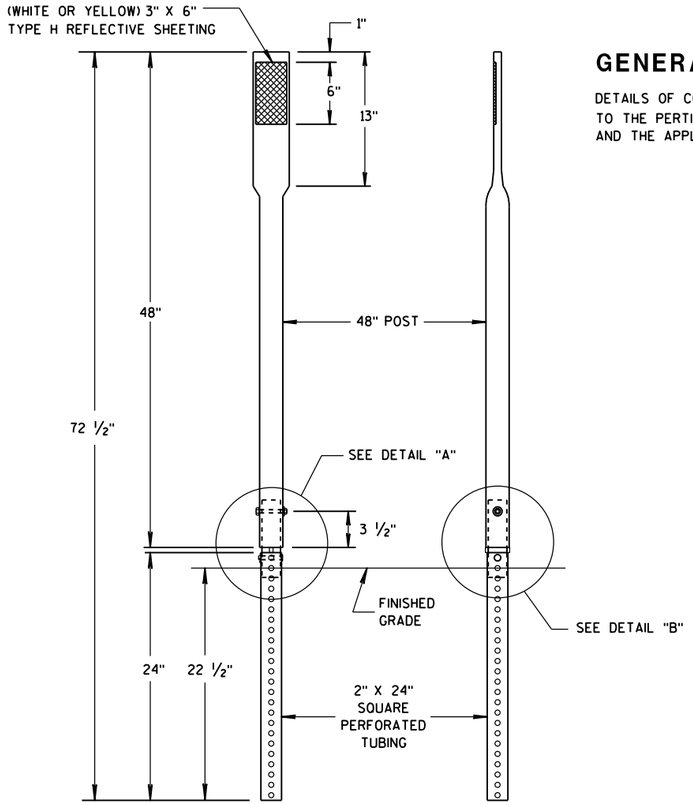
S.D.D. 15 A 2-9



ALTERNATE 1



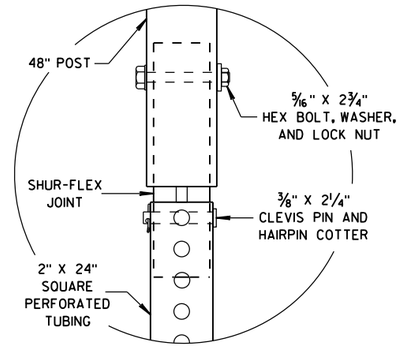
ALTERNATE 2
FLEXIBLE DELINEATOR POSTS



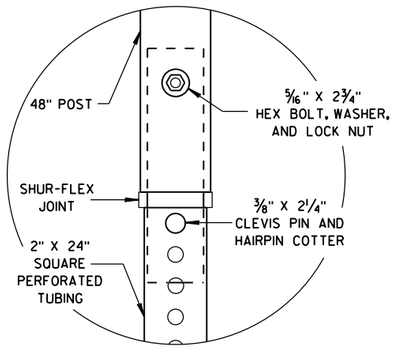
ALTERNATE 3

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDATRD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



DETAIL A

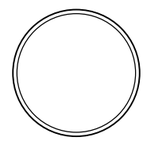


DETAIL B

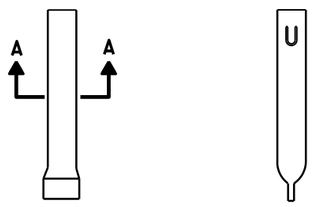
REFLECTOR SPACING TABLE

REFLECTOR SPACING	LOCATION
*100' C-C	RAMPS
400' C-C	MAINLINE

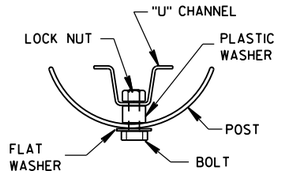
*START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER



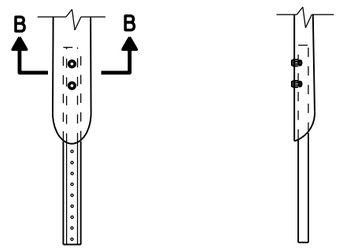
SECTION A-A



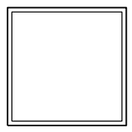
ALTERNATE 1



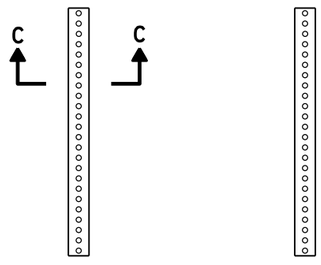
SECTION B-B



ALTERNATE 2
FLEXIBLE MARKER POST ANCHORS



SECTION C-C



ALTERNATE 3

FLEXIBLE DELINEATOR POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
/S/ Andrew Heidtke
STATE SIGNING AND MARKING ENGINEER

FHWA

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S.D.D. 15 A 4-3a

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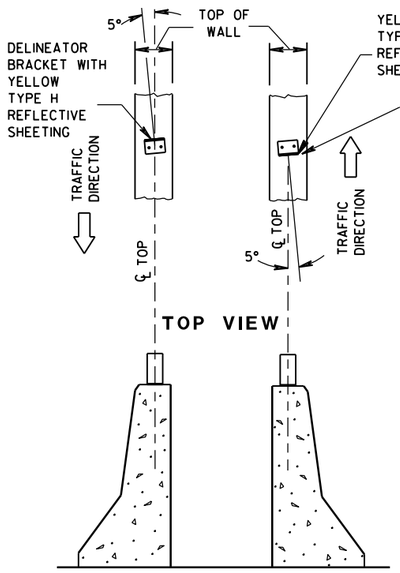
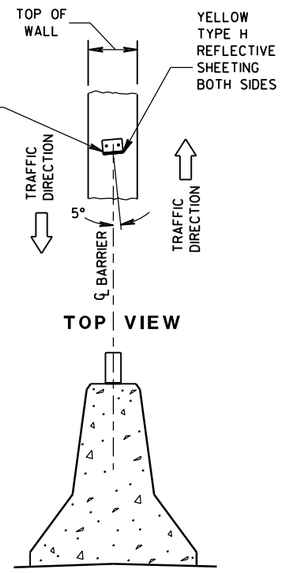
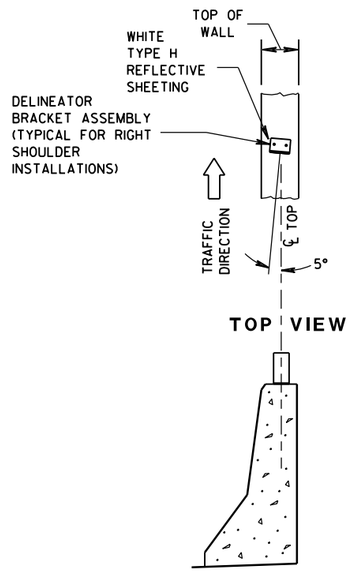
S.D.D. 15 A 4-3a



DOUBLE BARRIERS IN MEDIAN

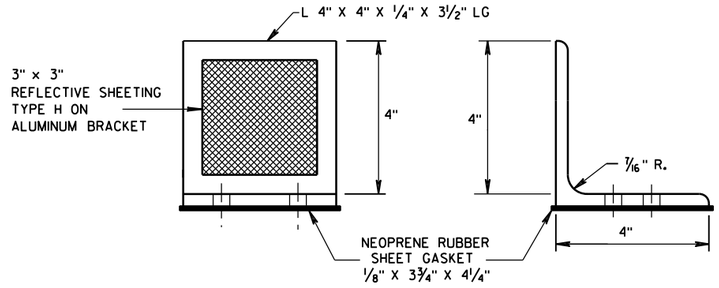


MEDIAN BARRIER

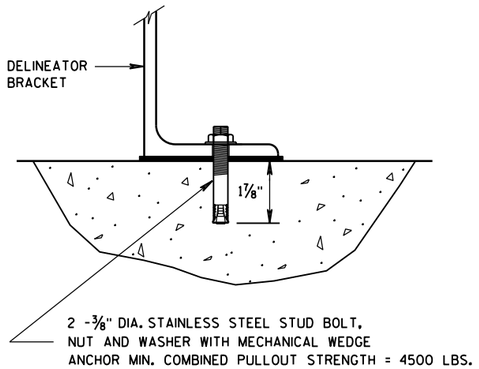


BARRIER LOCATED
TO RT. OF TRAFFIC FLOW

LOCATION AND AIMING DETAILS FOR DELINEATOR BRACKETS MOUNTED ON CONCRETE BARRIERS



DELINEATOR BRACKET



DELINEATOR BRACKET
MOUNTING DETAIL

REFLECTOR SPACING TABLE

REFLECTOR SPACING	MINIMUM NUMBER OF REFLECTORS
100' C-C	3

DELINEATOR BRACKET
WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAI 389 GINEER

FHWA

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S.D.D. 15 A 4-3b

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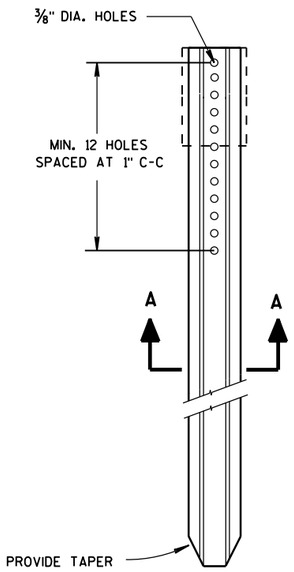
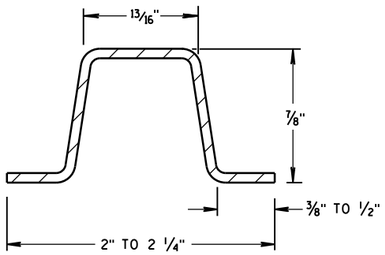
S.D.D. 15 A 4-3b

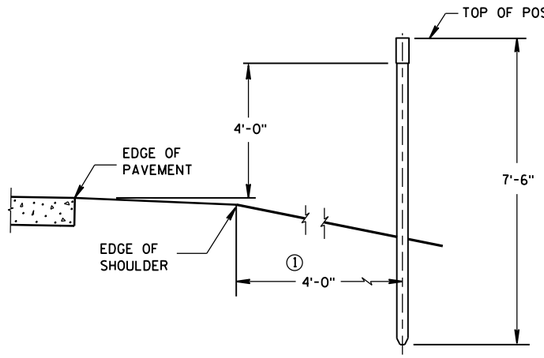


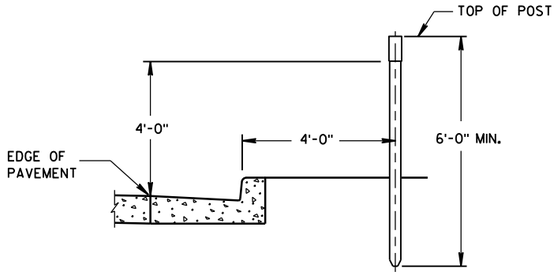
DELINEATOR POST



SECTION A-A

WEIGHT 1.12 LBS PER FT. ± 0.1 LB.





TYPICAL INSTALLATIONS OF DELINEATOR POSTS

GENERAL NOTES

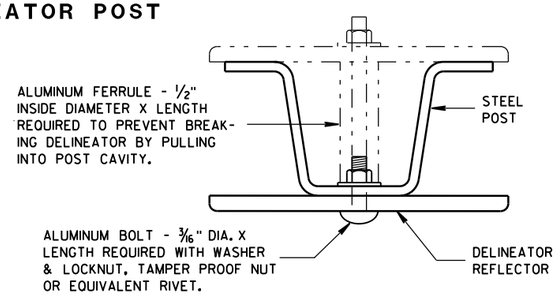
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.

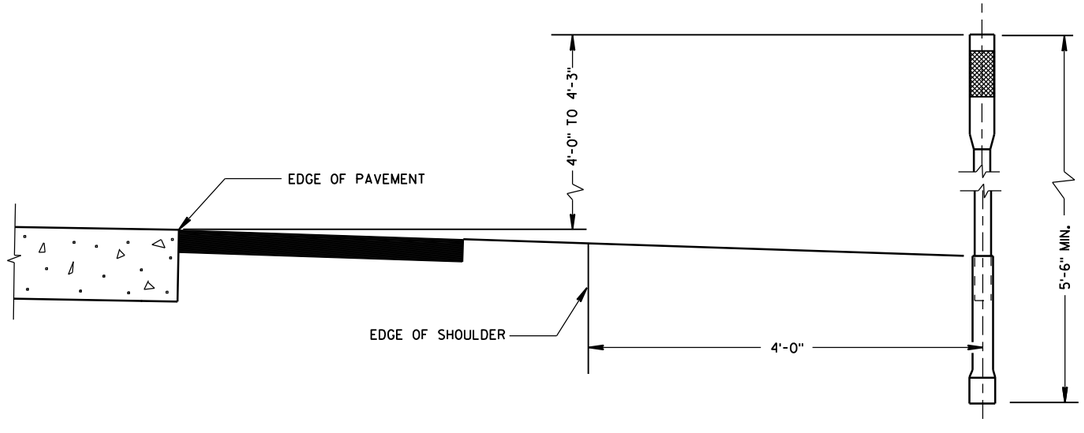
REFLECTOR SPACING TABLE

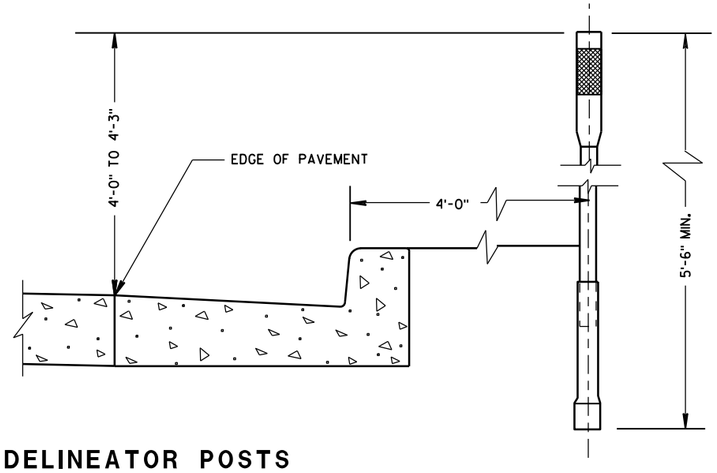
REFLECTOR SPACING	LOCATION
400'	MAINLINE
100'	RAMPS *

* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER.



MOUNTING DETAIL FOR DELINEATOR REFLECTOR





TYPICAL INSTALLATIONS OF FLEXIBLE DELINEATOR POSTS

DELINEATOR POST WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

6

S.D.D. 15 A 4-3c

GENERAL NOTES

PANEL THICKNESS SHALL BE A MINIMUM OF 0.08 INCHES.

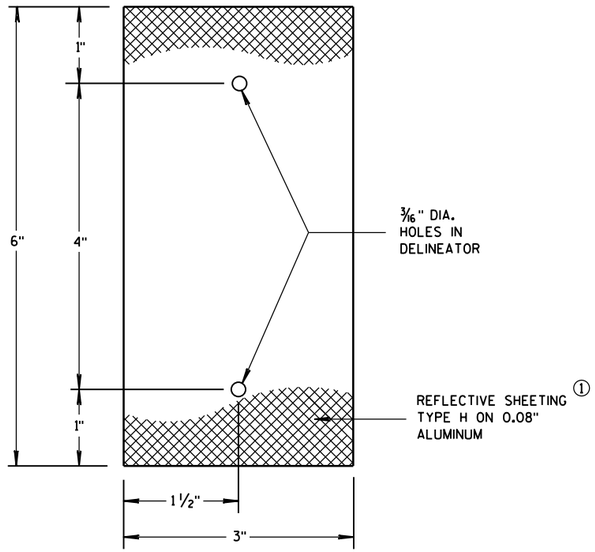
PLASTIC BASE MATERIAL SHALL BE WHITE, UV STABILIZED, FLAME TREATED TO THE MANUFACTURER SPECIFICATIONS AND BE ABLE TO WITHSTAND SUB FREEZING TEMPERATURES WITHOUT BREAKING.

① FURNISH TYPE H SHEETING FROM THE APPPROVED PRODUCTS LIST.

② FURNISH DELINEATOR REFLECTOR FOR GUARDRAIL FROM THE APPPROVED PRODUCTS LIST.

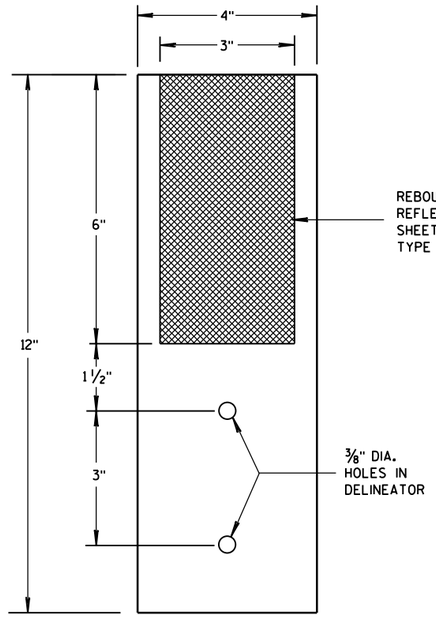
REFLECTOR SPACING TABLE

REFLECTOR SPACING	MINIMUM NUMBER OF REFLECTORS
100' C-C	3



3"x 6" DELINEATOR REFLECTOR

(FOR STEEL POSTS)



4"x 12" DELINEATOR REFLECTOR

(FOR GUARDRAIL) ②

DELINEATOR
WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

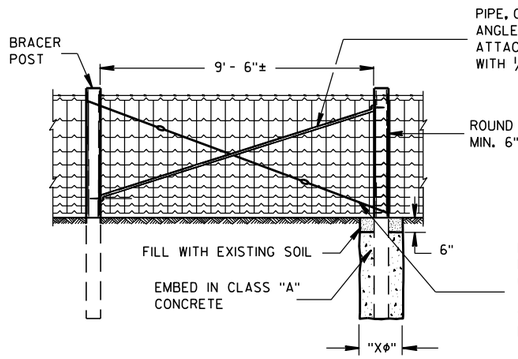
APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR[illegible] GINEER
FHWA

S.D.D. 15 A 4-3d

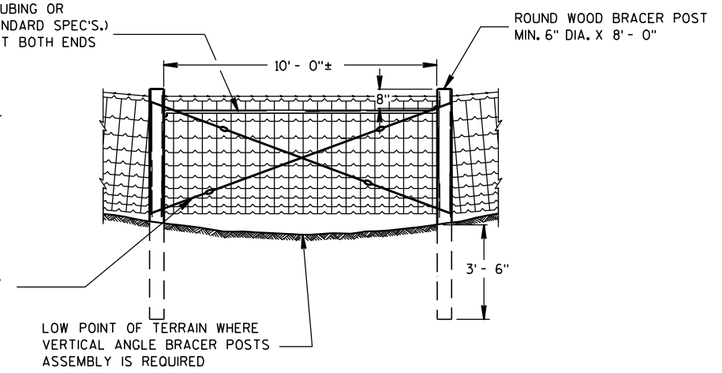
6

NOTE: PULL OR STRETCHER POST ASSEMBLIES SHALL BE PLACED MIDWAY BETWEEN END POSTS AND CORNER POSTS WHERE A RUN OF FENCE EXCEEDS 660' BUT IS LESS THAN 1,320'. FOR RUNS OF FENCE IN EXCESS OF 1,320' MAXIMUM SPACING OF PULL OR STRETCHER POST ASSEMBLIES SHALL BE 660'± C-C.

ILLUSTRATION SHOWS POSITION OF STANDARD STEEL BRACE, DOUBLE STRAND GALVANIZED WIRE, AND THE POST TO BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM LEFT TO RIGHT. THE BRACES SHALL BE POSITIONED ON THE OPPOSITE DIAGONALS AND THE OPPOSITE POST SHALL BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM RIGHT TO LEFT.



PULL OR STRETCHER POSTS ASSEMBLY



VERTICAL ANGLE BRACER POSTS ASSEMBLY

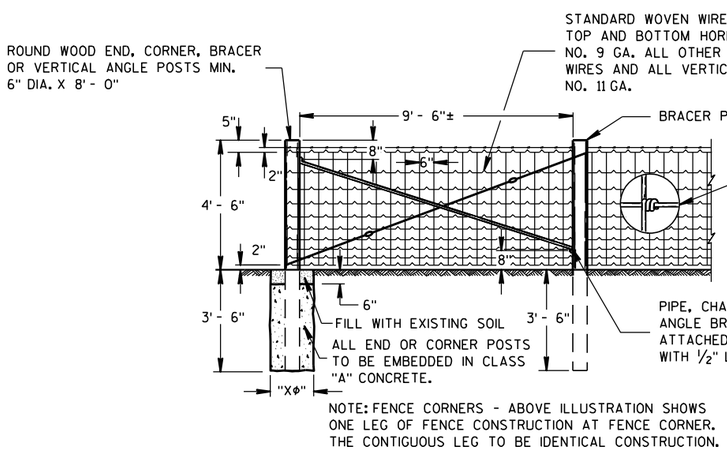
GENERAL NOTES

"XΦ" = DIAMETER OF THE POST PLUS 12".

FENCE STAPLES SHOULD NEVER BE DRIVEN VERTICALLY INTO WOOD POSTS (WITH BOTH LEGS PARALLEL WITH THE WOOD GRAIN). DOING SO CAN SEPARATE THE GRAIN AND SIGNIFICANTLY REDUCE THE HOLDING POWER. ROTATING THE STAPLES SLIGHTLY OFF VERTICAL STRADDLES THE GRAIN AND PROVIDES MORE RESISTANCE TO PULL-OUT.

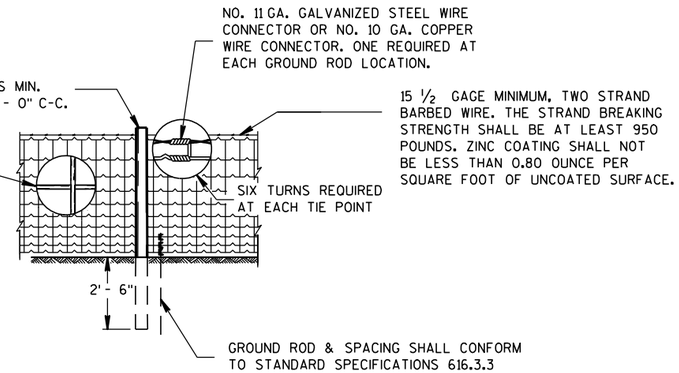
DO NOT STAPLE WIRE TIGHT TO THE LINE POSTS. ALLOW MOVEMENT OF WIRE FOR EXPANSION AND CONTRACTION. STAPLE ARRANGEMENT SHALL BE THE SAME FOR ALL OTHER POSTS EXCEPT THAT THEY SHALL BE DRIVEN TIGHT TO POSTS. ALL STAPLES SHALL BE 2" X 9 GAGE AND SHALL BE MANUFACTURED FROM GALVANIZED WIRE OR HOT DIP GALVANIZED AFTER FORMING. STAPLES SHALL HAVE SLASH-CUT POINTS.

FENCE SHALL BE LOCATED 3'-0" INSIDE THE RIGHT OF WAY LINE UNLESS OTHERWISE INDICATED ON THE PLANS.



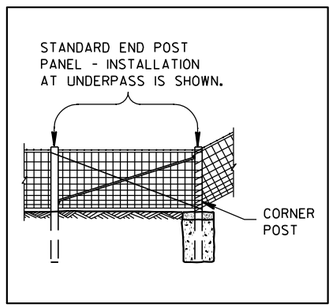
NOTE: FENCE CORNERS - ABOVE ILLUSTRATION SHOWS ONE LEG OF FENCE CONSTRUCTION AT FENCE CORNER. THE CONTIGUOUS LEG TO BE IDENTICAL CONSTRUCTION.

END OR CORNER POSTS ASSEMBLY

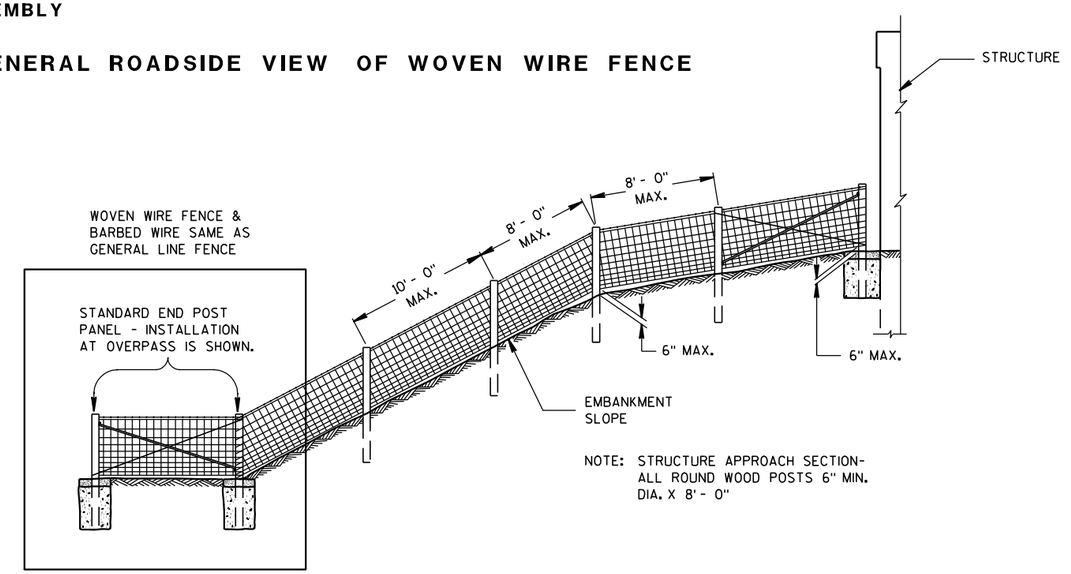


LINE FENCE CONSTRUCTION

GENERAL ROADSIDE VIEW OF WOVEN WIRE FENCE



ALTERNATE FENCE DESIGN AT STRUCTURE



NOTE: STRUCTURE APPROACH SECTION- ALL ROUND WOOD POSTS 6" MIN. DIA. X 8' - 0"

FENCE DESIGN AT STRUCTURE APPROACH

FENCE WOVEN WIRE

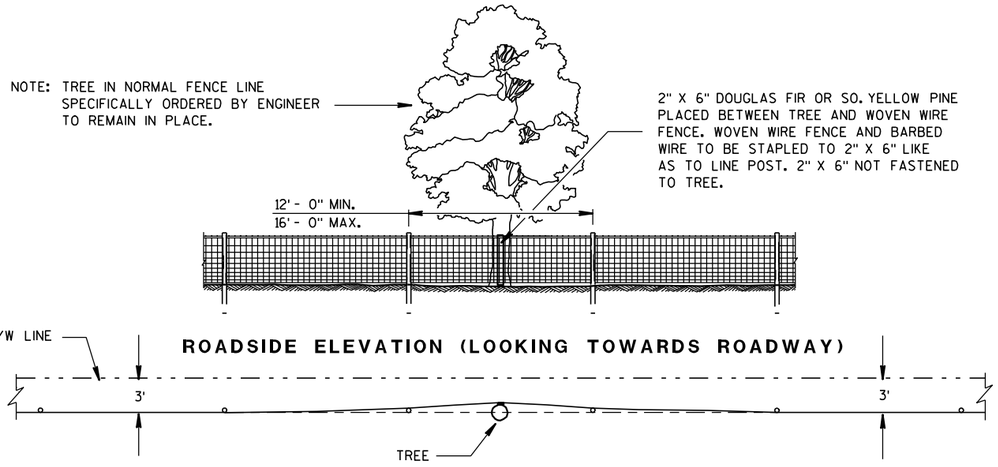
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 15 B 1-8a

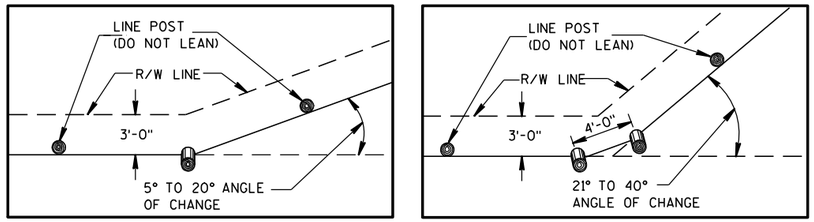
6

S.D.D. 15 B 1-8a



PLAN VIEW

FENCE DESIGN AT TREES REMAINING IN NORMAL FENCE LINE



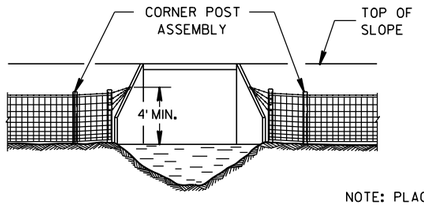
PLAN VIEW
SINGLE POST CORNER

PLAN VIEW
DOUBLE POST CORNER

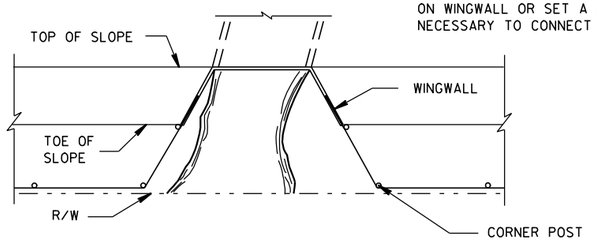
RIGHT OF WAY LINE CHANGE 40° AND LESS

NOTE: SINGLE AND DOUBLE POSTS SHALL BE A MIN. 6" DIA. X 8'-0" WITH A LEAN OF 4" TOWARD THE OUTSIDE OF THE CURVE.

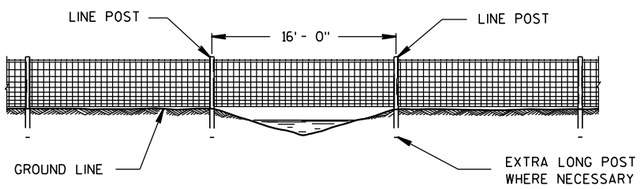
WHEN THE RIGHT OF WAY LINE CHANGE IS MORE THAN 40° USE THE CORNER OR STRETCHER POSTS ASSEMBLY.



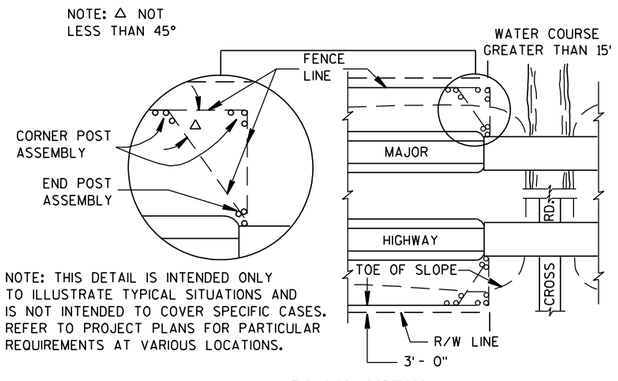
NOTE: PLACE A MINIMUM OF 4 STRANDS OF BARBED WIRE, 6" MAXIMUM CENTERS IN FAN SHAPE CONNECTED TO AN EYE BOLT ON WINGWALL OR SET A LONE POST WHEN NECESSARY TO CONNECT BARBED WIRE.



FENCE INSTALLATION TO WINGWALLS

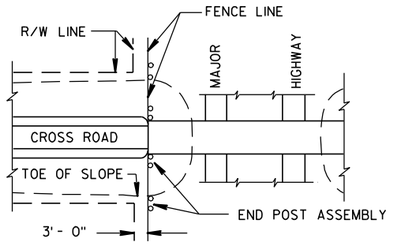


FENCE CONSTRUCTION OVER STREAM COURSES OF 15 FT. OR LESS IN WIDTH



PLAN VIEW

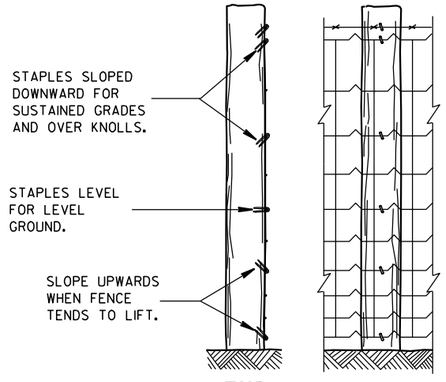
MAJOR HIGHWAY OVERPASS OR STREAM COURSE CROSSING OF GREATER THAN 15 FT. IN WIDTH



PLAN VIEW

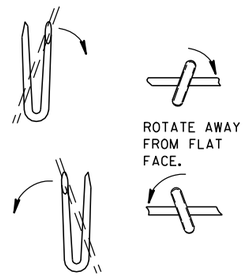
MAJOR HIGHWAY UNDERPASS

NOTE: WHEN POSTS ARE DRIVEN THE SMALL END SHALL BE DOWN.



END ELEVATION **FARM SIDE ELEVATION**

FENCE MOUNTING DETAIL



LINE POST

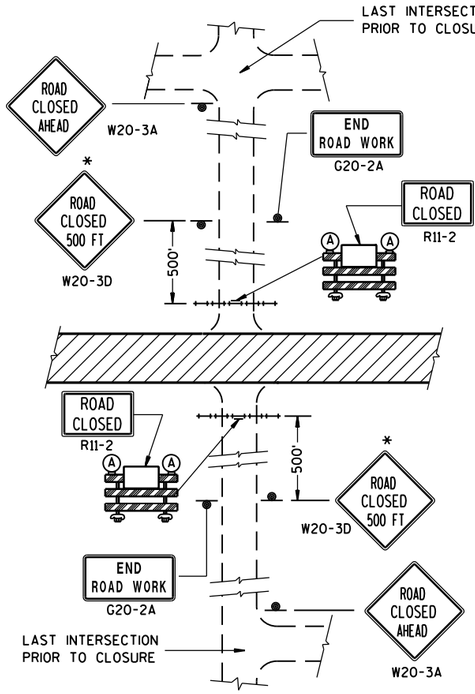
FENCE LOCATION AT STRUCTURES

FENCE WOVEN WIRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

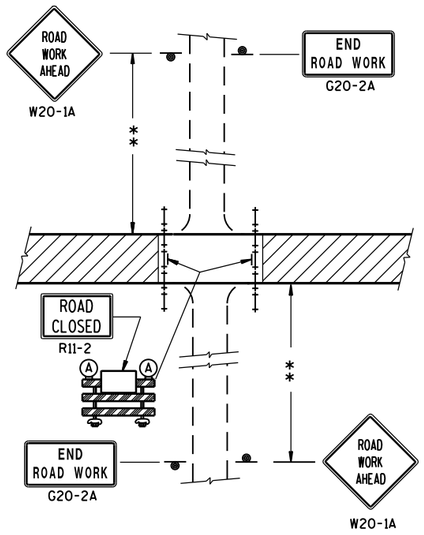
APPROVED
4/4/2008
DATE
/S/ Jerry H. Zinn
ROADWAY STANDARDS ENGINEER
393
FHWA

6
S.D.D. 15 B 1-8b



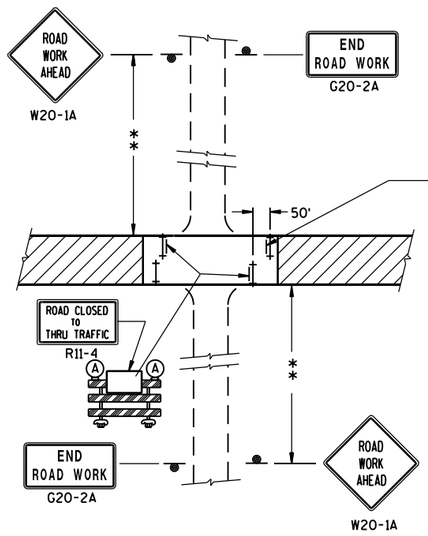
DETAIL 1

(NO ACCESS TO PROJECT)



DETAIL 2

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).

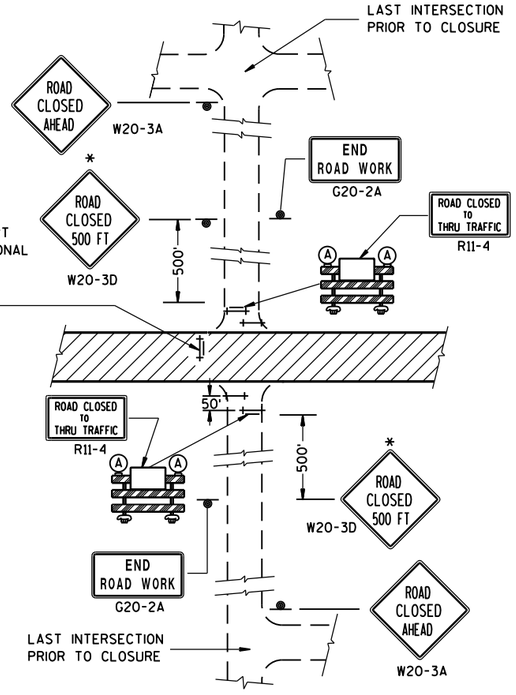


DETAIL 3

(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).

FOR BRIDGE OR CULVERT REPLACEMENT, USE ADDITIONAL SIGN ON BARRICADE

BRIDGE OUT
XX MILES AHEAD
R11-3C



DETAIL 4

(CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

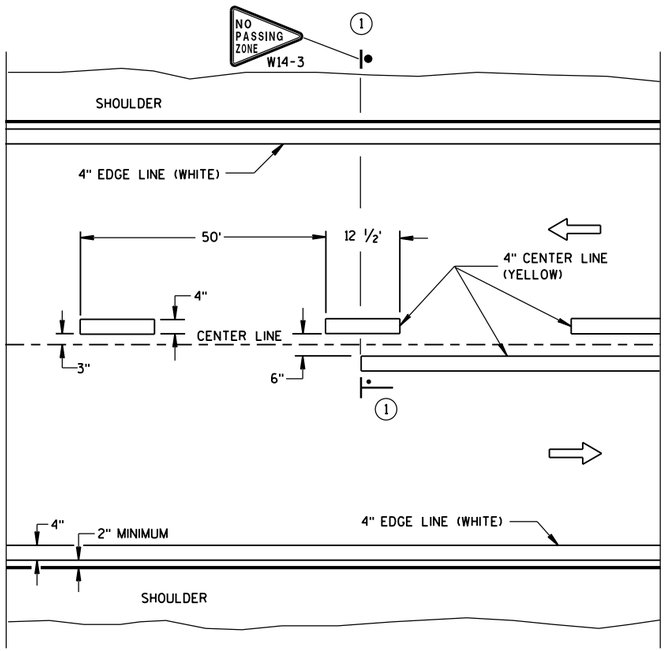
APPROVED
Sept. 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENG
FHWA

6

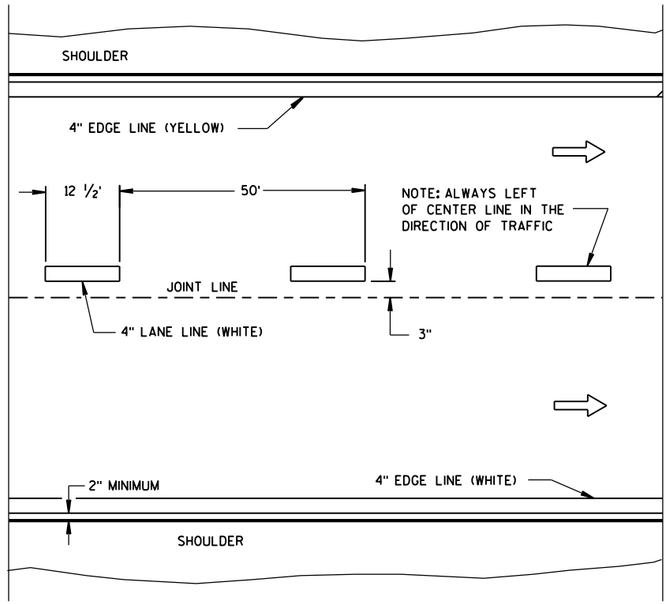
S.D.D. 15 C 3-4

6

S.D.D. 15 C 3-4



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING.

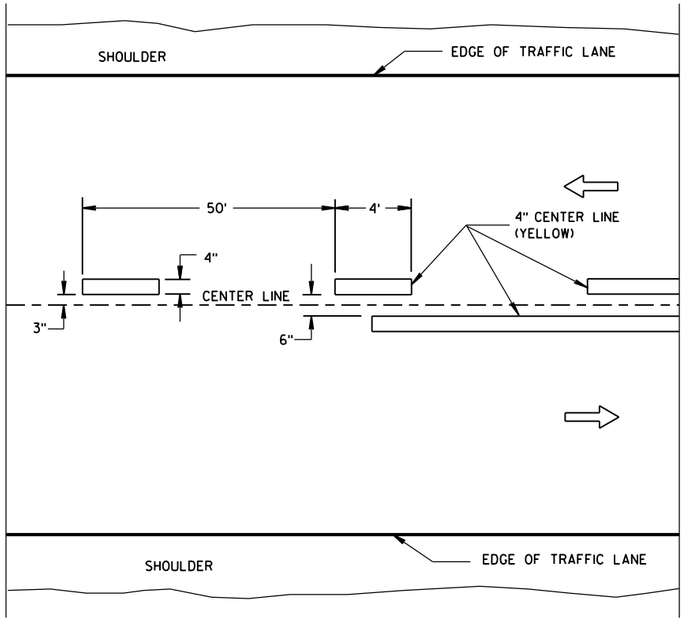
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

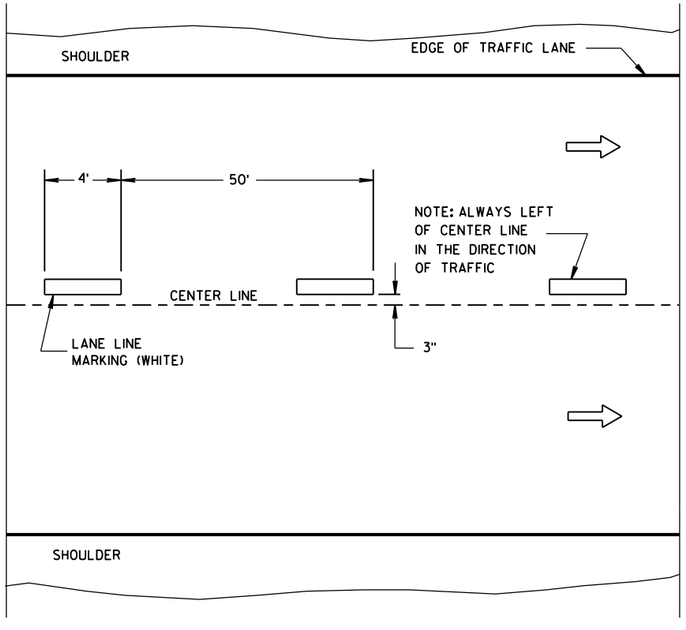
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

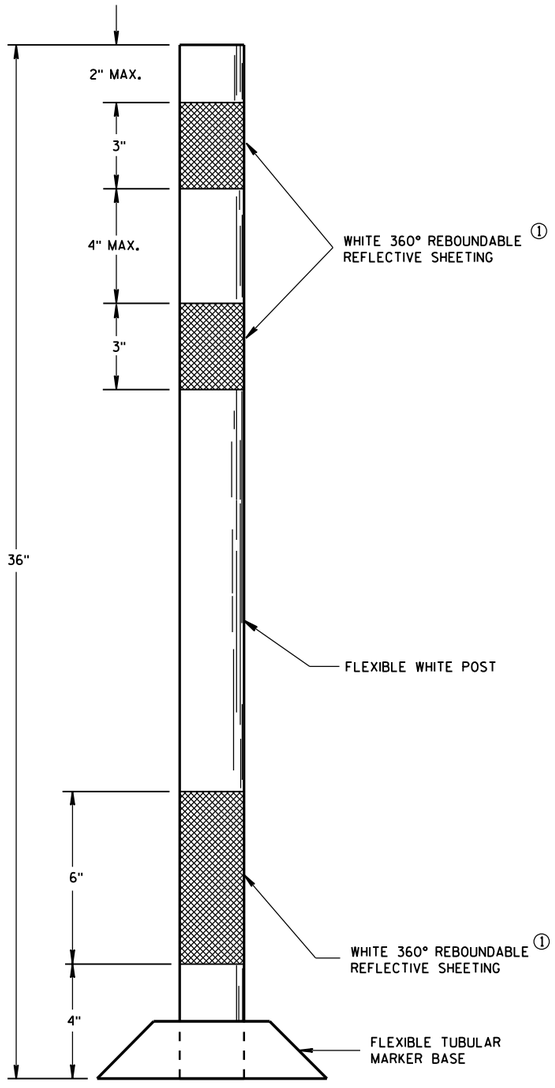
APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

6

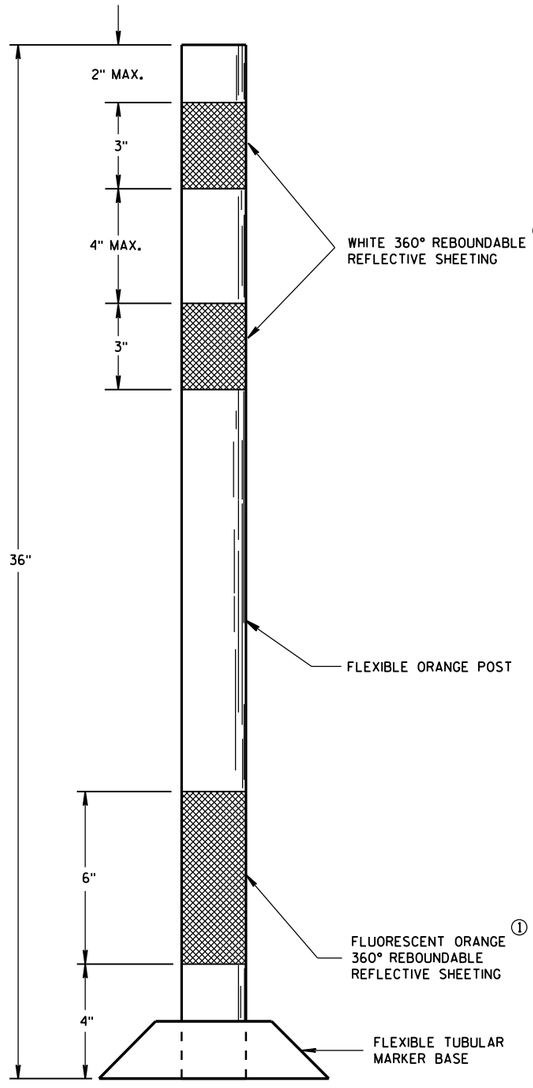
S.D.D. 15 C 8-18a

6

S.D.D. 15 C 8-18a



FLEXIBLE
TUBULAR MARKER POST
PERMANENT CROSSOVER



FLEXIBLE
TUBULAR MARKER POST
WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

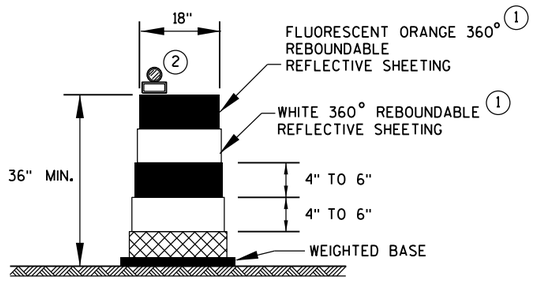
CHANNELIZING DEVICES
FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

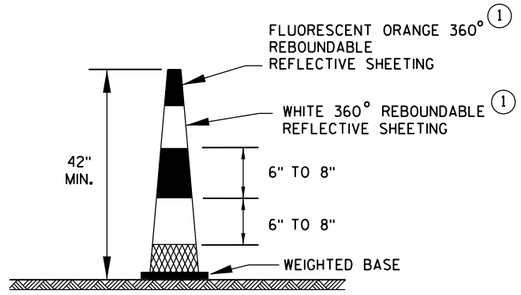
APPROVED
June 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENGR
FHWA

6

S.D.D. 15 C 11-7a



DRUM

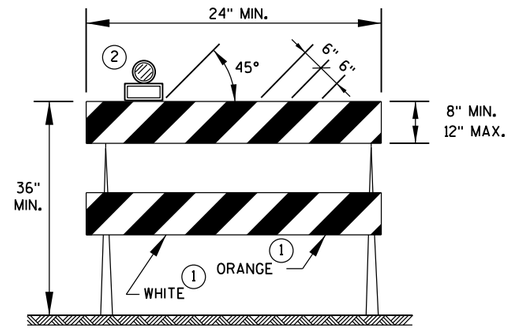


42" CONE

DO NOT USE IN TAPERS
1/2 SPACING OF DRUMS

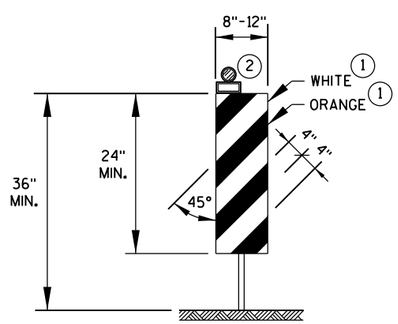
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



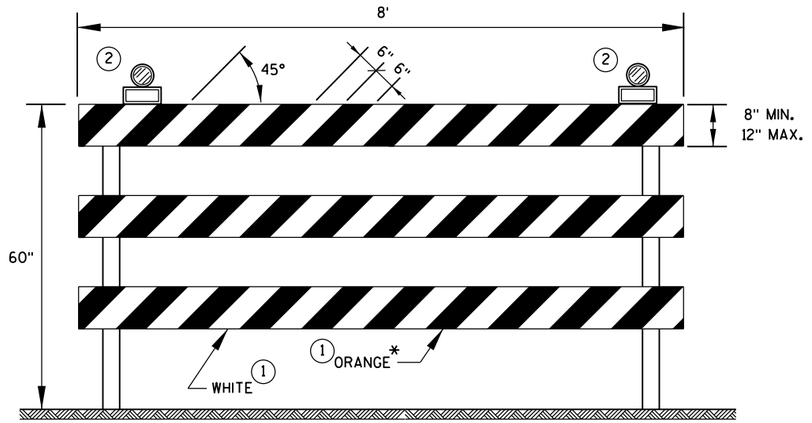
TYPE 2 BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE 3 BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION, USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Andrew Heidtke — WORK ZONE ENG
FHWA

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S.D.D. 15 C 11-7b

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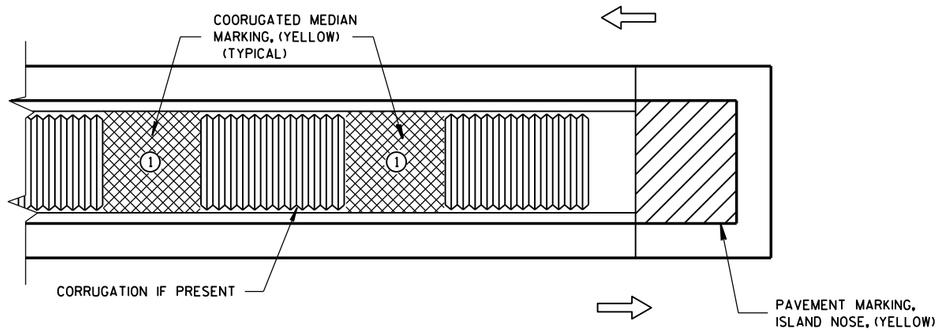
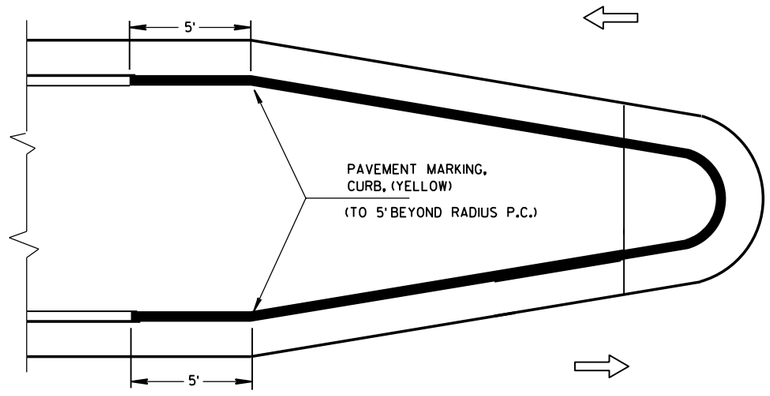
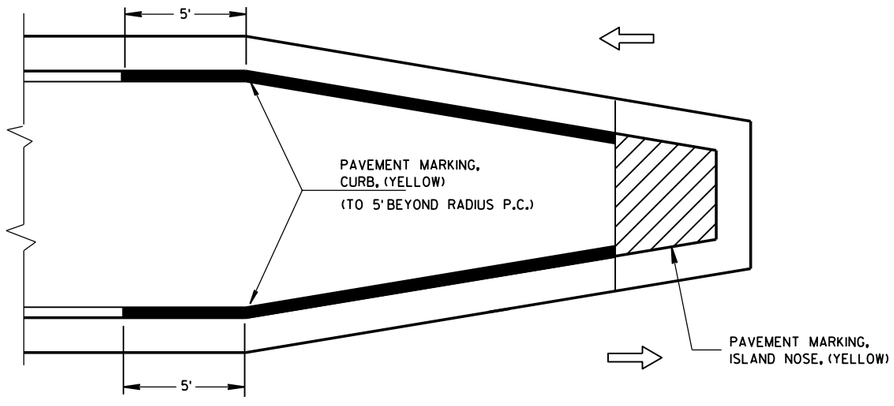
S.D.D. 15 C 11-7b



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

(1) WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2017
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARK 398 EER

FHWA

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S.D.D. 15 C 27-2b

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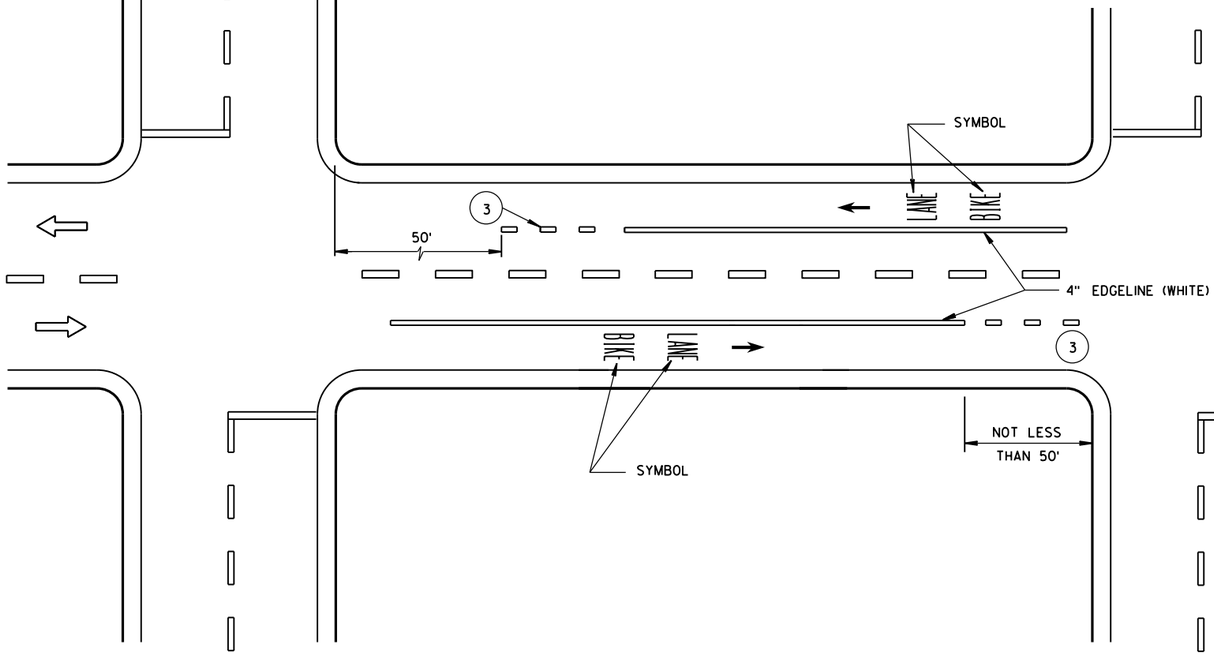
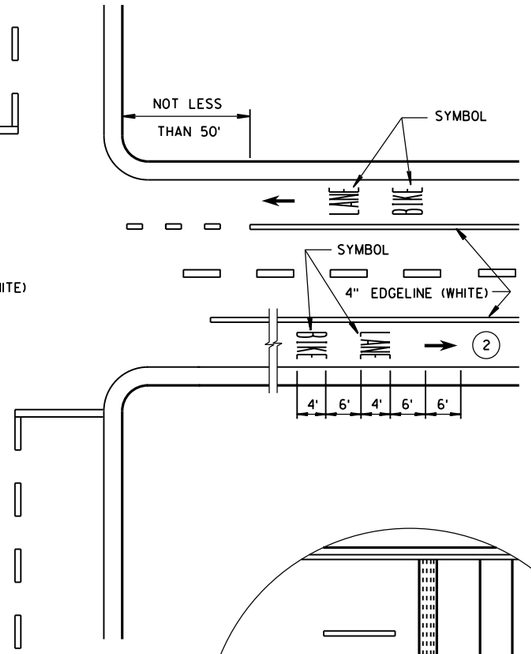
S.D.D. 15 C 27-2b



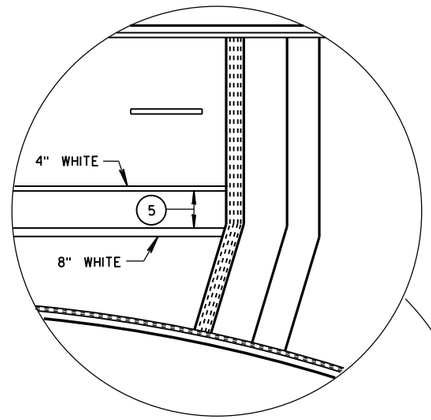


DESIGNATED BICYCLE LANE
NO PARKING

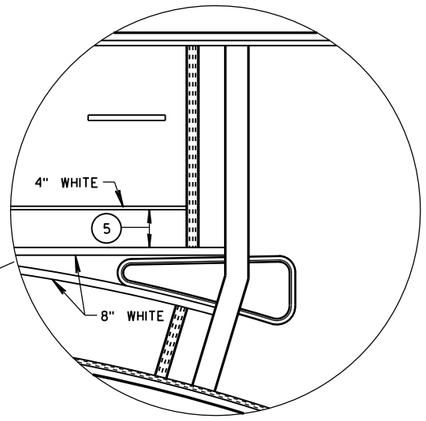
GENERAL NOTES

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3'LINE, 9'GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. IF SIGNED AND/OR MARKED AS A BICYCLE FACILITY INCLUDE SECOND LINE OF LINE-SPACE MARKING, OTHERWISE DO NOT.
5. BIKE ACCOMODATION FOR CONCRETE PAVEMENT IS 5 FEET WIDE. BIKE ACCOMODATION FOR ASPHALT PAVEMENT IS A MINIMUM OF 4 FEET. USE 5 FEET AT ≥45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FEET WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

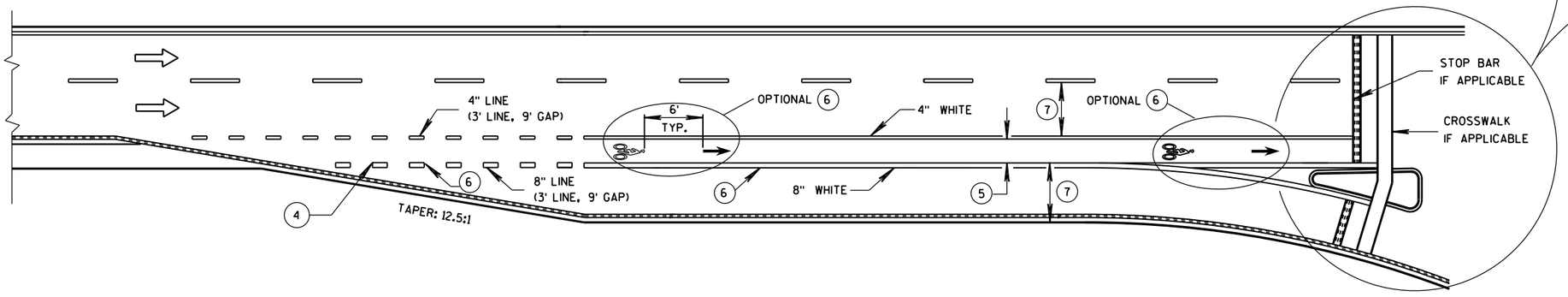
⇨ DIRECTION OF TRAVEL



4 LANE DIVIDED WITHOUT ISLAND



4 LANE DIVIDED WITH ISLAND



BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS
(4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)

BICYCLE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12-2016
DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR NEER
FHWA

6

S.D.D. 15 C 29-5a

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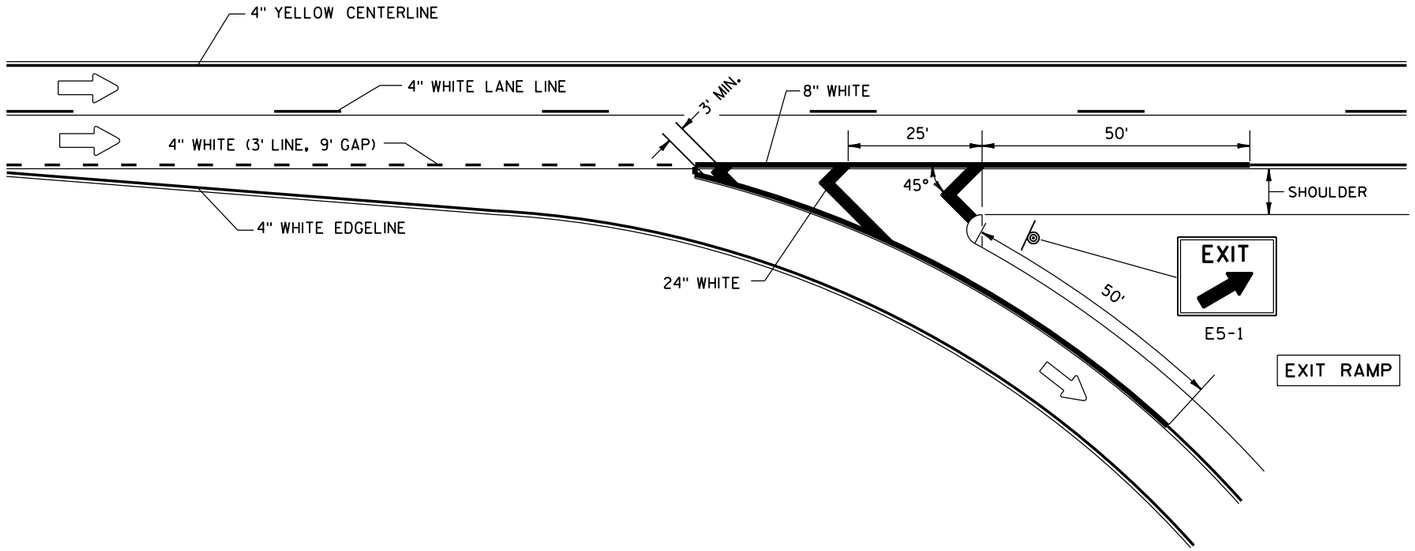
S.D.D. 15 C 29-5a



PAVEMENT MARKING FOR EXIT RAMP

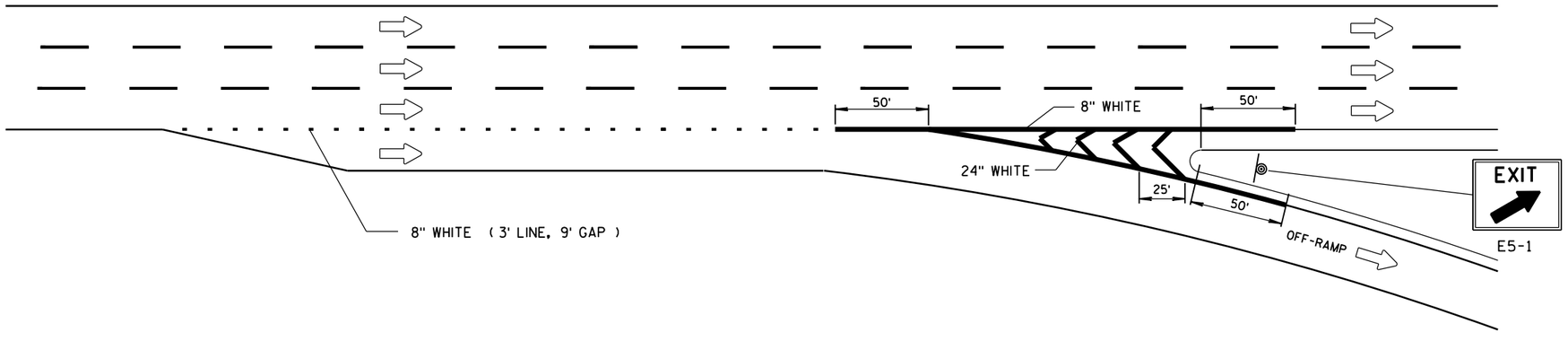
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

DIRECTION OF TRAVEL

SIGN ON PERMANENT SUPPORT



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

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S.D.D. 15 C 31-3a

PAVEMENT MARKING (RAMPS AND GORES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

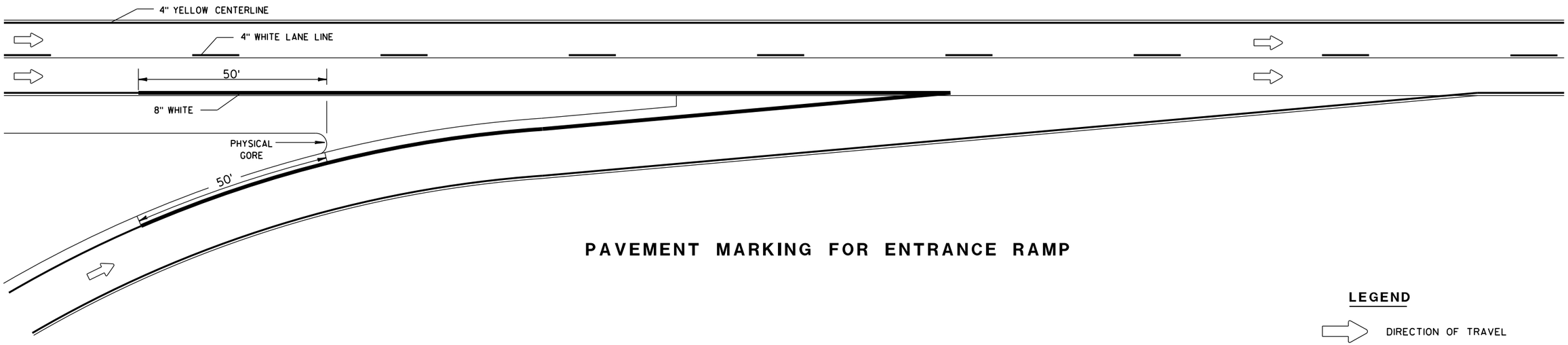
6

S.D.D. 15 C 31-3a

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

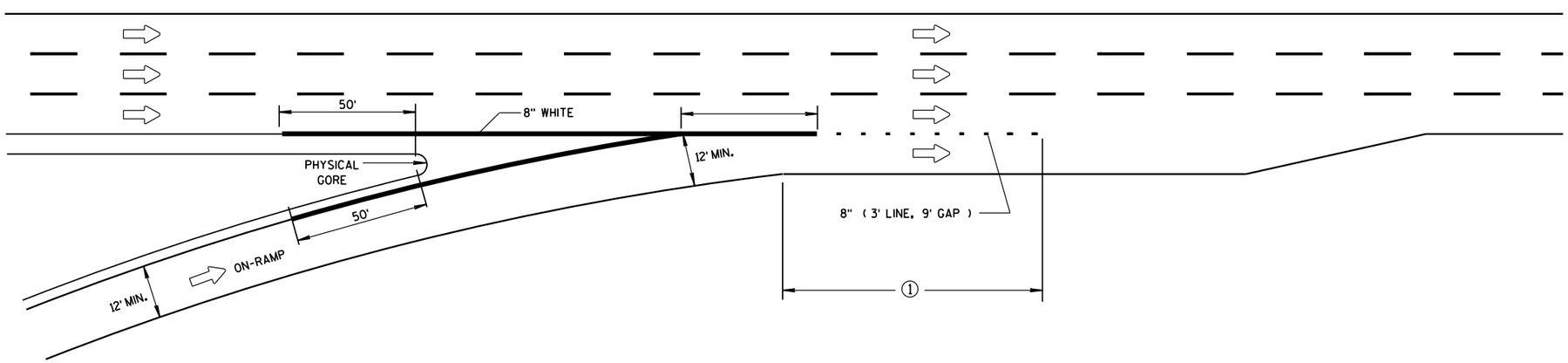
① ½ LENGTH OF FULL WIDTH ACCELERATION LANE.



PAVEMENT MARKING FOR ENTRANCE RAMP

LEGEND

DIRECTION OF TRAVEL



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE-RAMP

PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

FHWA

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S.D.D. 15 C 31-3c

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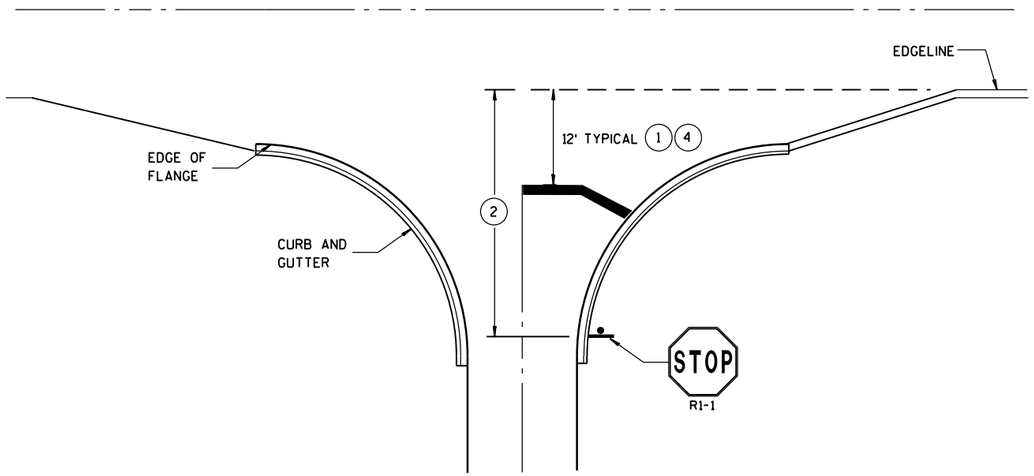
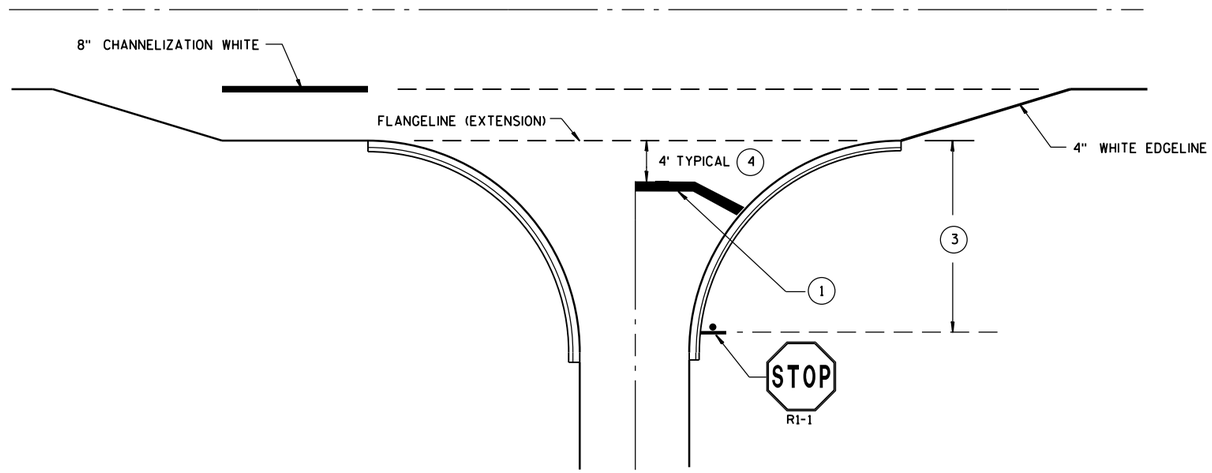
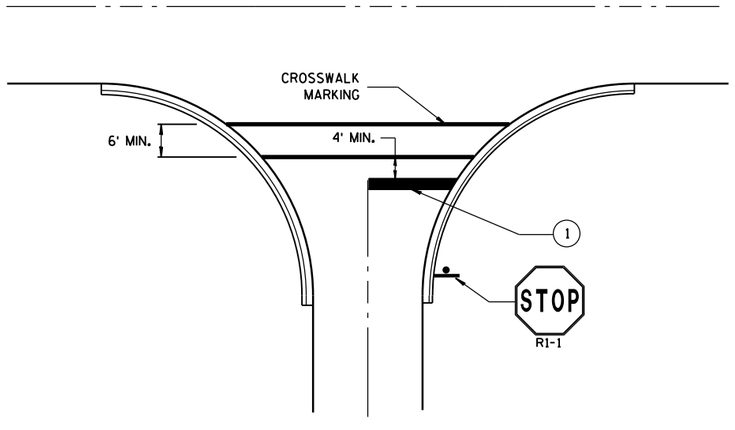
S.D.D. 15 C 31-3c



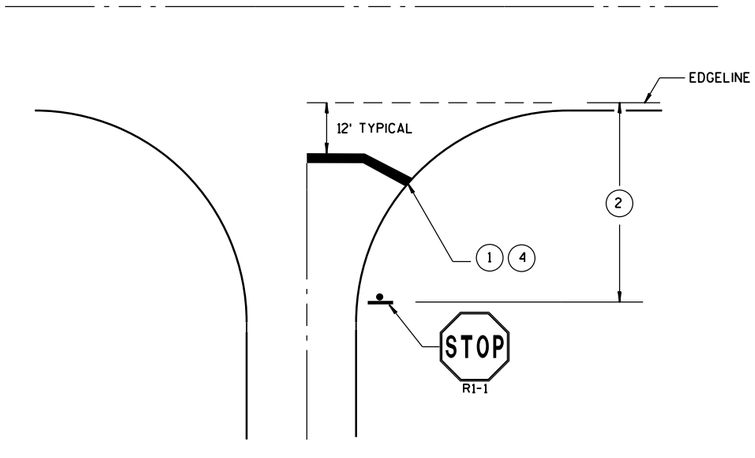
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

(1) 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.

(2) IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.

(3) IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.

(4) MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017 — DATE

/S/ Matthew R. Rauch — STATE SIGNING AND MAR[illegible]NEER

FHWA

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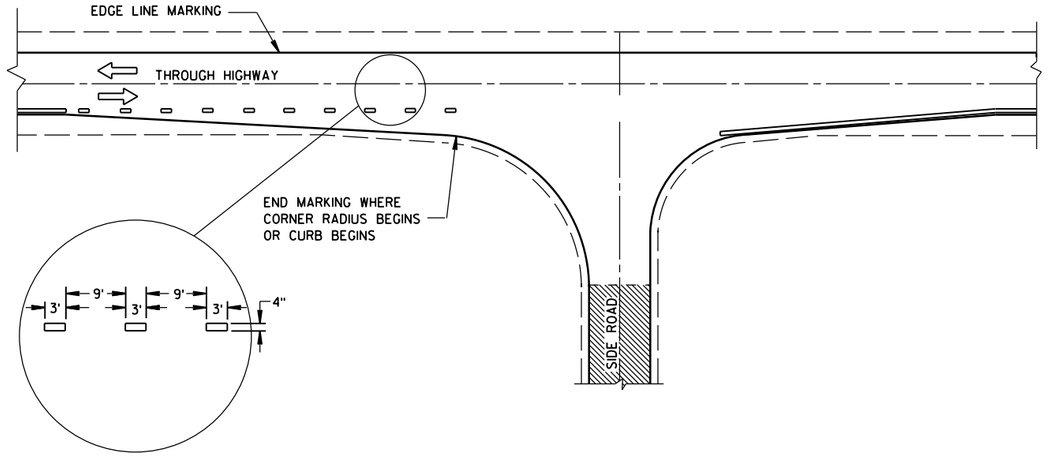
S.D.D. 15 C 33-3



MINOR INTERSECTION

GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

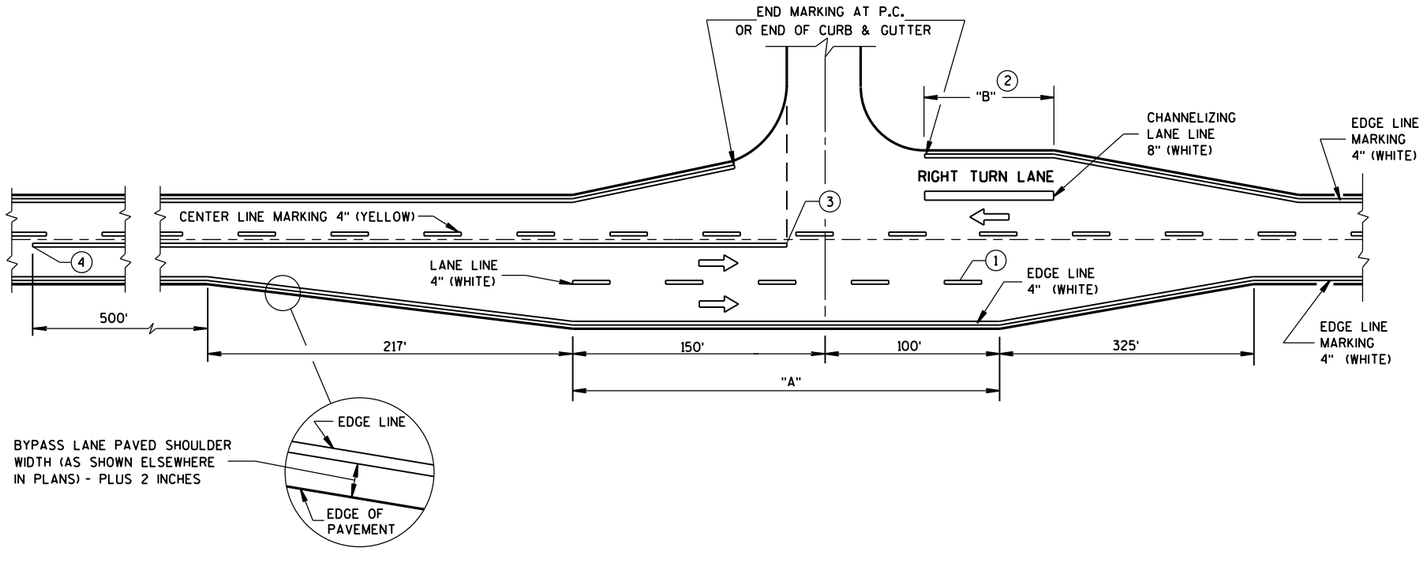
(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(4) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



MAJOR INTERSECTIONS

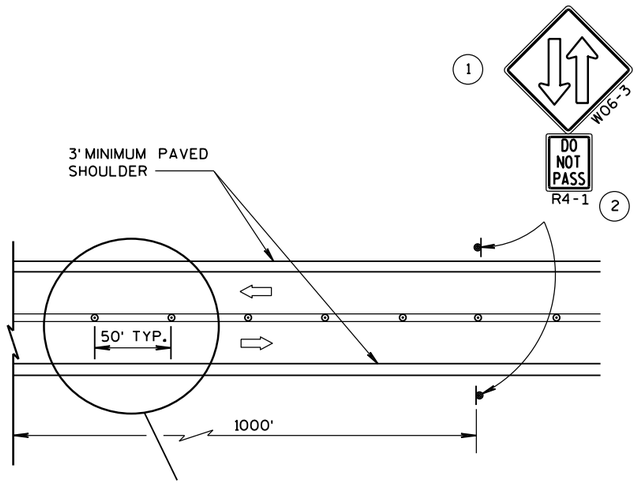
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING
(INTERSECTIONS)

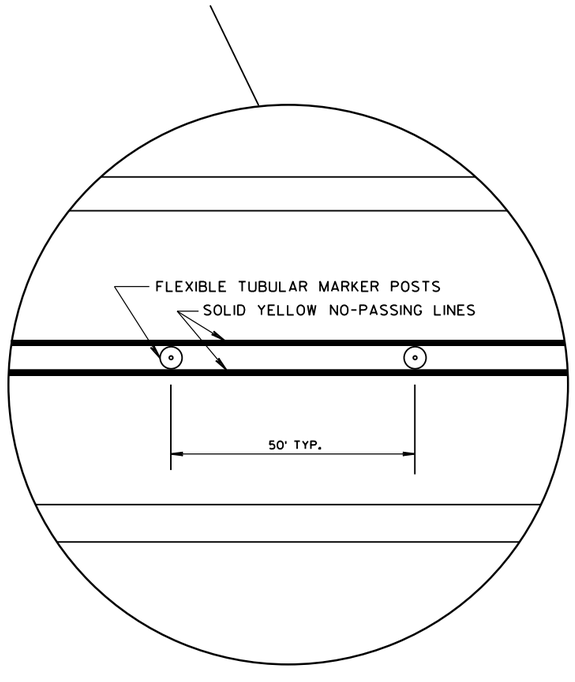
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 C 35-2a



TWO LANE, TWO WAY OPERATION



LEGEND

- SIGN ON PERMANENT SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"x48" UNLESS OTHERS NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

A SINGLE ROW OF FLEXIBLE TUBULAR MARKERS ON CENTERLINE EXTEND FOR THE ENTIRE LENGTH OF TWO-WAY TRAFFIC AT 50-FOOT SPACING.

COVER EXISTING CENTERLINE STRIPE WITH TEMPORARY PAVEMENT MARKING, 4-INCH DOUBLE YELLOW.

THE W06-3 WITH THE W057-51 SHALL BE LOCATED 200 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND/OR 500 FEET BEYOND ANY SIDEROAD. THE W06-3 WITH THE R4-1 SHALL BE LOCATED 1000 FEET BEYOND THE W06-3 AND THE W057-51 AND THE SIGNS SHALL BE ALTERNATED WITH ONE MILE INTERVALS BETWEEN W06-3 SIGNS.

(2) CONVENTIONAL: 24"x30"
FREEWAY AND EXPRESSWAY: 36"x48"

TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013	/S/ Travis Feltes	
DATE	STATE TRAFFIC ENGINEER	SIGN

FHWA

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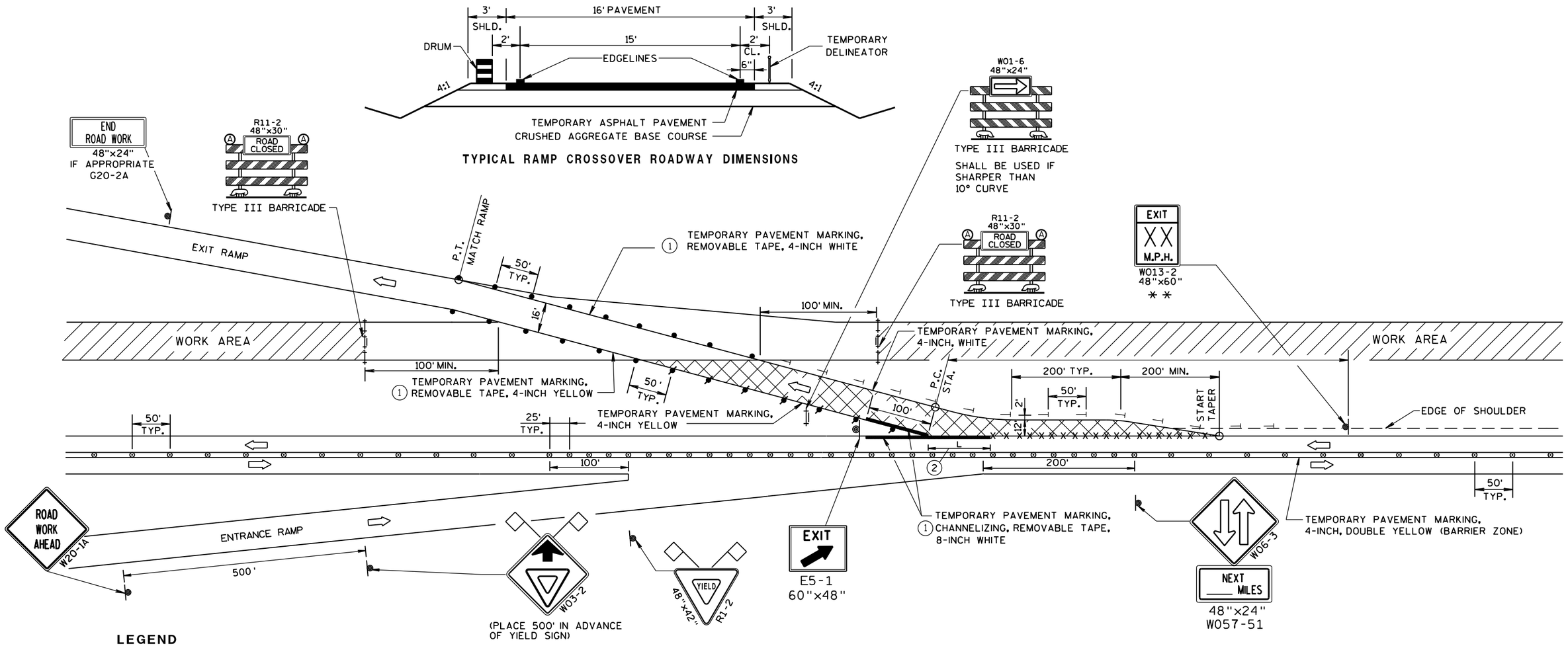

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR)
- TYPE "A" WARNING LIGHT (FLASHING)
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT
- REMOVING PAVEMENT MARKINGS
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- FLAGS, 16" X 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

1. TEMPORARY PAVEMENT MARKING REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT ROADWAY SURFACES THAT WILL REMAIN AFTER USE OF CROSSOVER. OTHERWISE TEMPORARY PAVEMENT MARKING MAY BE USED.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

2. LENGTH L SHALL BE REQUIRED WHEN TANGENT LENGTH OF EXIT RAMP PARALLEL TO MAINLINE EXCEEDS 300 FEET. LENGTH SHALL BE EQUAL TO THE EXIT RAMP TANGENT LENGTH MINUS 300 FEET OR AS APPROVED BY THE ENGINEER AND SHALL CHANGE TO ACCOMODATE PAVING GAPS.

** ADJUST EXIT RAMP SPEED AS NEEDED IN THE FIELD. DISTANCE TO SIGN LOCATION SHALL ALSO BE PLACED ACCORDING TO TABLE.

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10-FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

** TABLE FOR ADVANCE WARNING SIGN PLACEMENT DISTANCE (FT)

POSTED SPEED LIMIT (MPH)	DESIRED EXIT RAMP SPEED (MPH)					
	10	20	30	40	50	60
45	350	300	250			
50	425	400	325	225		
55	500	475	400	300		
60	575	550	500	400	300	
65	650	625	575	500	375	100
70	650	625	575	500	375	375

TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 14, 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI
FHWA

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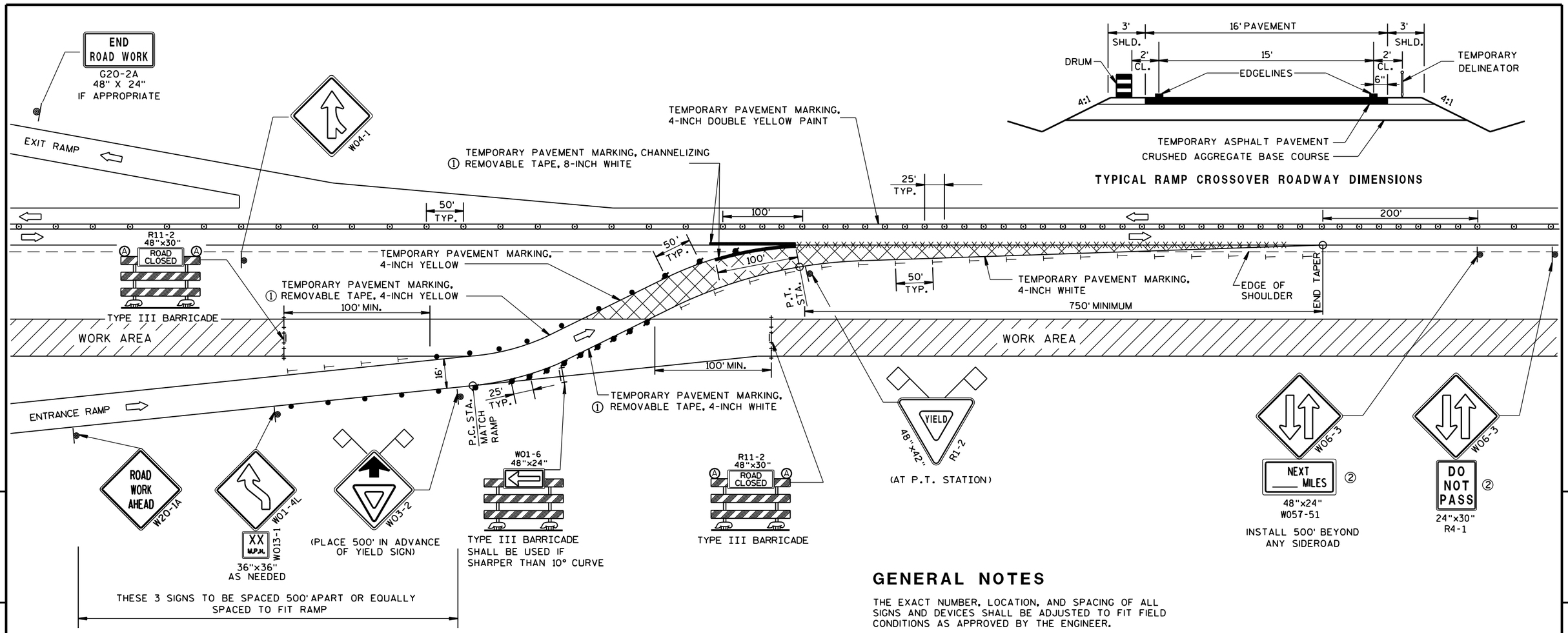


TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- TEMPORARY DELINEATOR - WHITE (STEEL POST W/SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- Ⓐ TYPE "A" WARNING LIGHT (FLASHING)
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT
- ~~~~ REMOVING PAVEMENT MARKINGS
- ⊙ DELINEATOR FLEXIBLE/TUBULAR MARKER
- FLAGS, 16" X 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH PERMANENT SIGNS AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

① TEMPORARY PAVEMENT MARKING REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT ROADWAY SURFACES THAT WILL REMAIN AFTER USE OF CROSSOVER.

② INSTALL THE W06-3 SIGN WITH THE R4-1 SIGN 1000 FEET BEYOND THE W06-3 SIGN WITH THE W057-51 SIGN AND ALTERNATE THE SEQUENCE OF THESE SIGNS EVERY 1 MILE.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10-FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED OR REMOVED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER

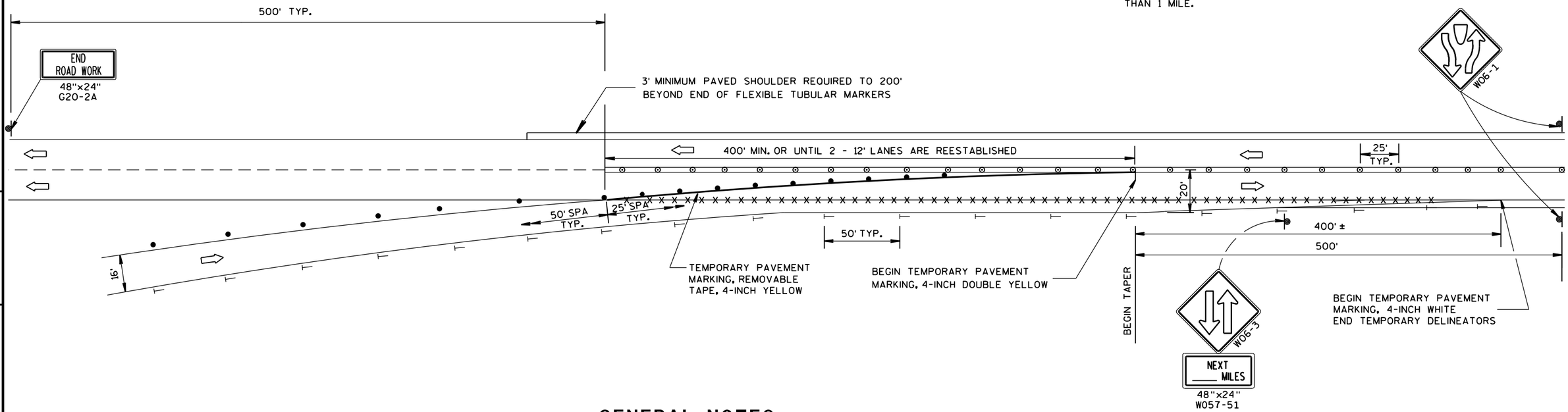
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2017
DATE
/S/ Andrew Heidtke
WORK ZONE ENG
FHWA

S.D.D. 15 D 8-6
S.D.D. 15 D 8-6

LEGEND

- SIGN ON PERMANEMT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- REMOVE PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC



24"x30"
R4-1

REPEAT EVERY 1/4 MILE IF PROJECT IS LONGER THAN 1 MILE.

GENERAL NOTES

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT ROADWAY SURFACES THAT WILL REMAIN AFTER USE OF CROSSOVER.

TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

SIGN

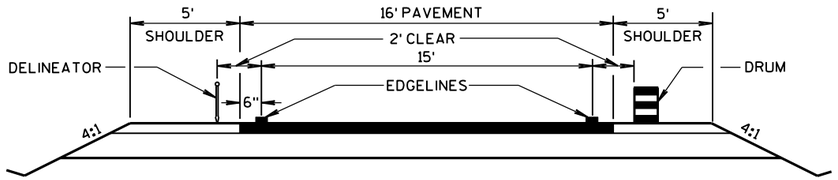
FHWA

6

S.D.D. 15 D 9-3

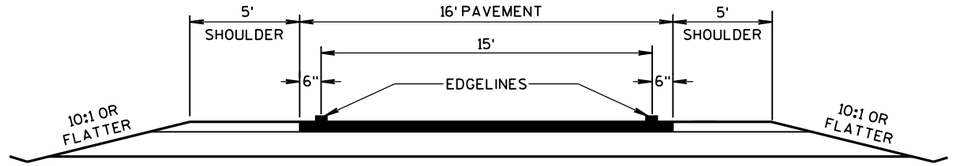
6

S.D.D. 15 D 9-3



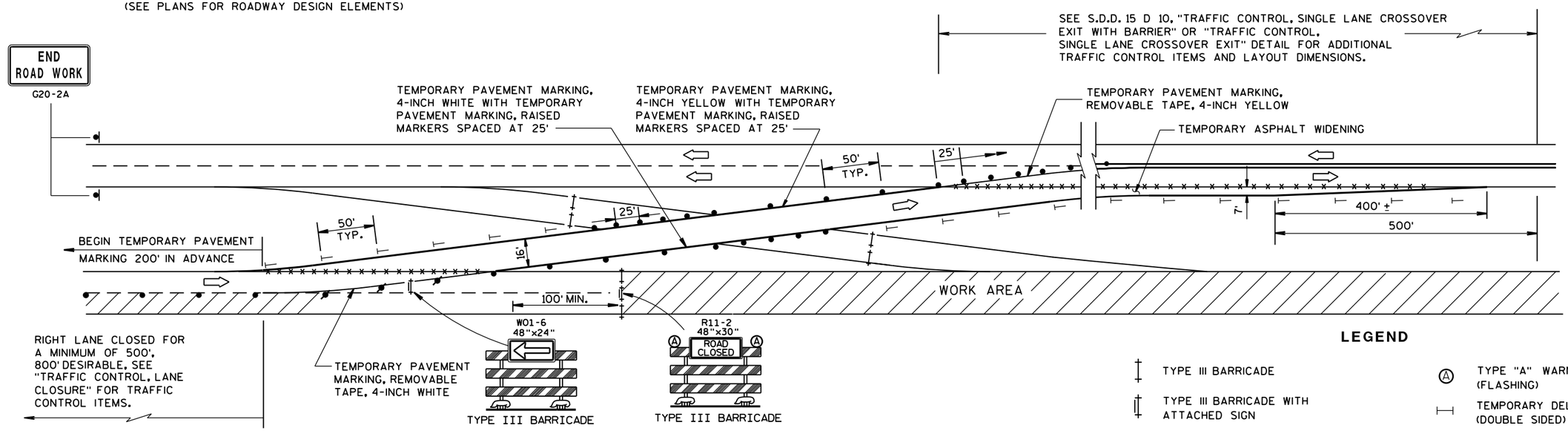
TYPICAL TEMPORARY CROSSOVER ROADWAY DIMENSIONS

(SEE PLANS FOR ROADWAY DESIGN ELEMENTS)



TYPICAL CROSSOVER TO REMAIN IN PLACE ROADWAY DIMENSIONS

(SEE PLANS FOR ROADWAY DESIGN ELEMENTS)



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- TYPE "A" WARNING LIGHT (FLASHING)
- TEMPORARY DELINEATOR (DOUBLE SIDED)
- REMOVING PAVEMENT MARKINGS
- DELINEATOR FLEXIBLE/ TUBULAR MARKER
- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PERMANENT SUPPORT

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN PROPOSED SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

TEMPORARY PAVEMENT MARKING REMOVABLE TAPE SHALL BE USED WHEN CROSSING PERMANENT ROADWAY SURFACES THAT WILL REMAIN AFTER USE OF CROSSOVER AND TEMPORARY PAVEMENT MARKING WHERE USED.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

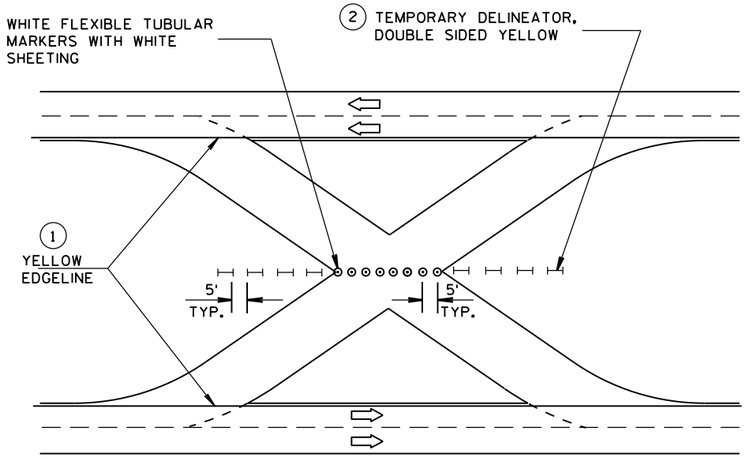
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

REVERSE DEVICES WHEN OTHER LEG OF CROSSOVER IS IN USE.

(1) FOR PERMANENT CROSSOVER, PAVEMENT MARKING SHOULD CONFORM TO SECTION 646 OF THE STANDARD SPECIFICATIONS.

(2) FOR PERMANENT CROSSOVER, INSTALL PERMANENT DELINEATORS ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.



TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE

TRAFFIC CONTROL, SINGLE LANE CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENGI
FHWA

6

S.D.D. 15 D 11-7

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

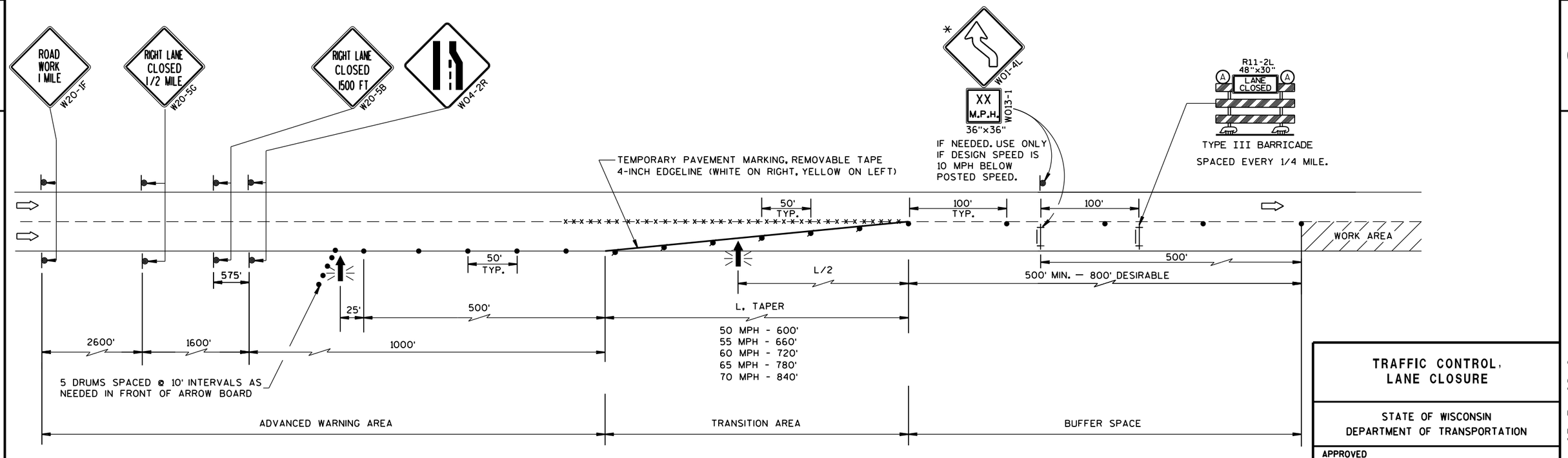
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.



TRAFFIC CONTROL, LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2016 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

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S.D.D. 15 D 12-6a

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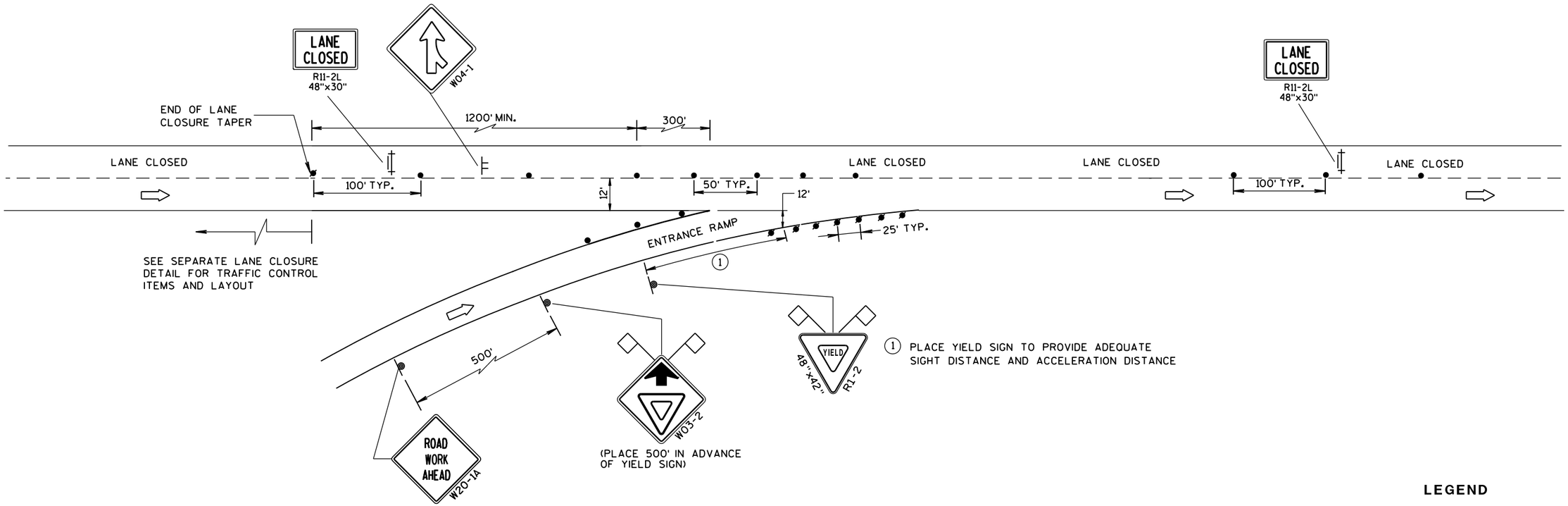
S.D.D. 15 D 12-6a



TAPERED ENTRANCE RAMP WITHIN LEFT LANE CLOSURE

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" x 16" MIN., (ORANGE)
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 — DATE
/S/ Andrew Heidtke — WORK ZONE ENG
FHWA

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S.D.D. 15 D 15-4d

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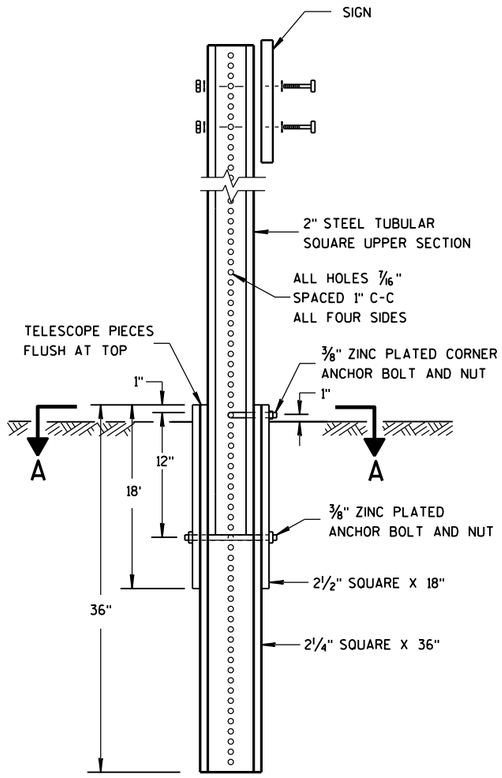
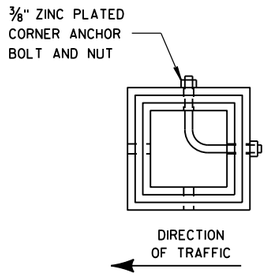
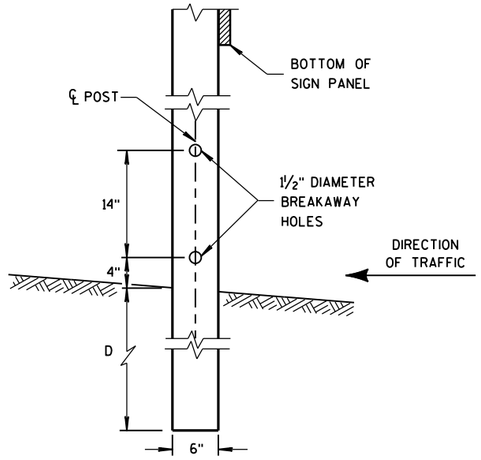
S.D.D. 15 D 15-4d



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



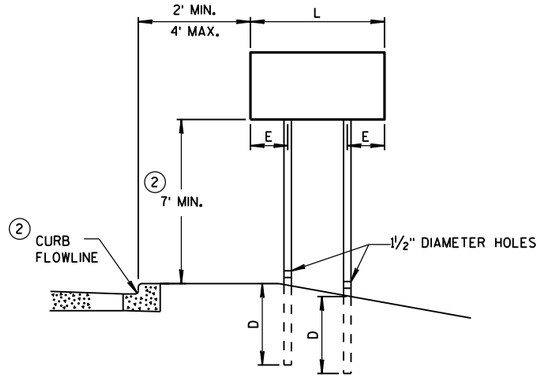
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

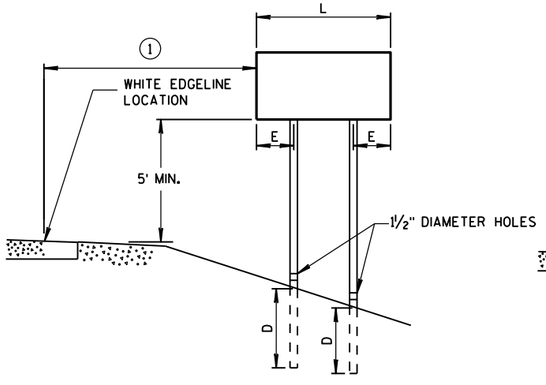
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

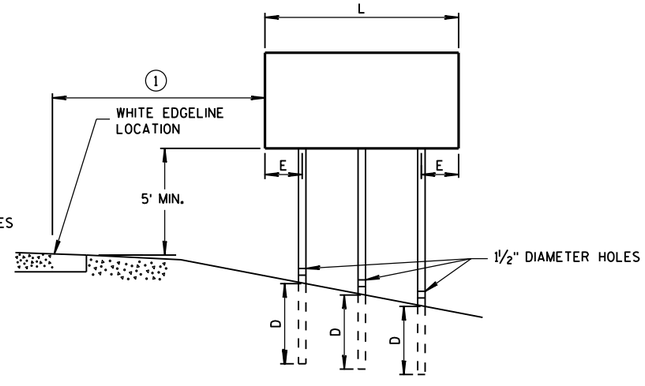
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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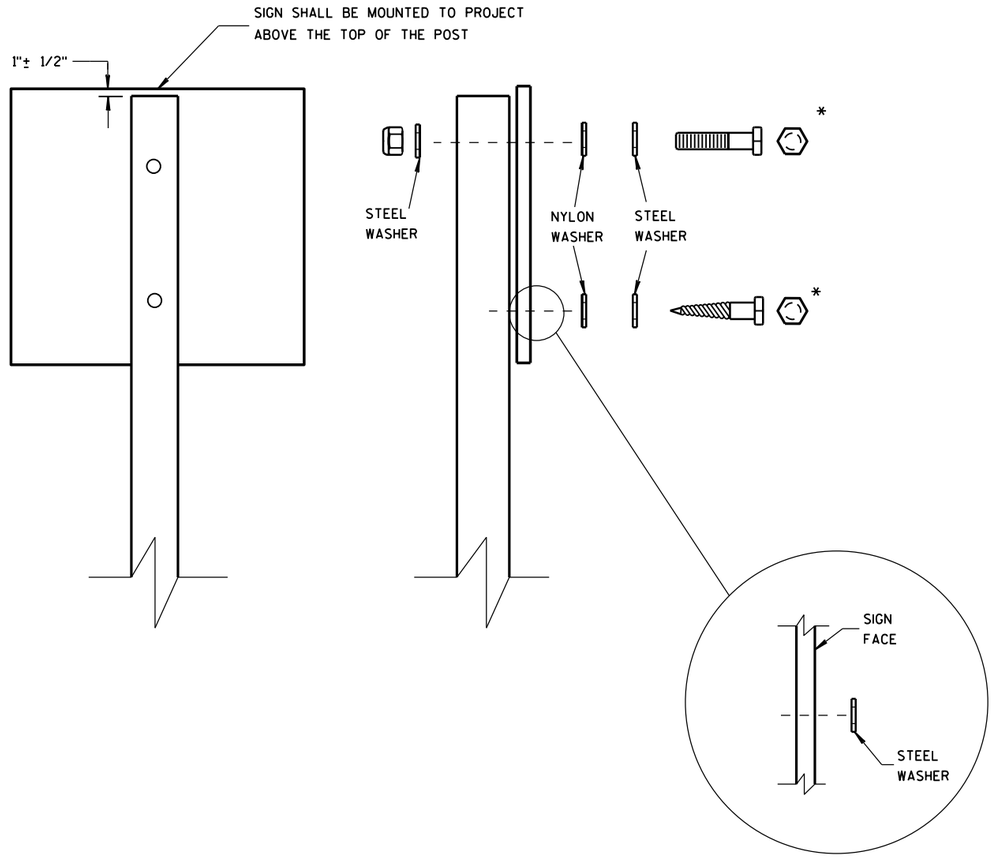
S.D.D. 15 D 38-2a



WASHER PLACEMENT WHEN SIGN HAS OTHER THAN TYPE H OR TYPE F FACE

NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3"

MACHINE BOLTS - 5/16" X 6-1/2" OR 7" LENGTH W/ NUTS

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" LENGTH W/ NUTS

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

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S.D.D. 15 D 38-2b

S.D.D. 15 D 38-2b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

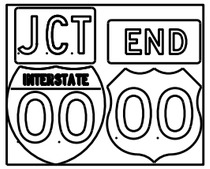
June 2017
DATE

/S/ Andrew Heldtke
WORK ZONE ENG

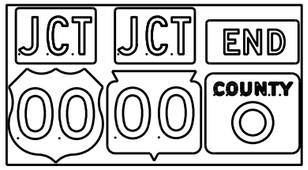
FHWA

TYPICAL ASSEMBLIES

J1-1

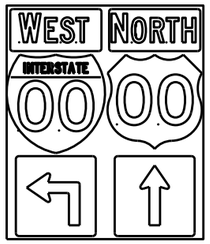


J1-2

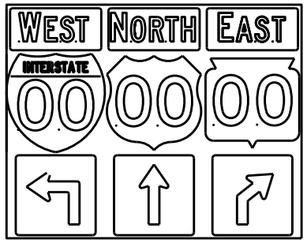


J1-3

J2-1



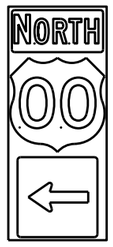
J2-2



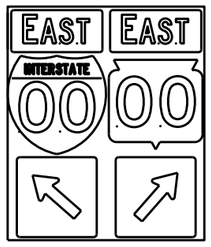
J2-3

JV

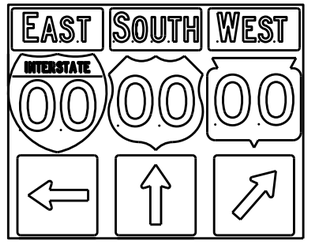
(Typical Vertical J-Assembly
See Note 10 and 11)



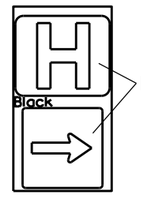
J3-1



J3-2



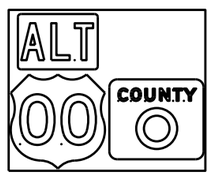
J3-3



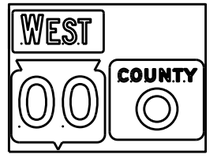
Blue Background

JH-1

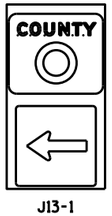
J4-1



J4-2



J4-2



J13-1

J12-1

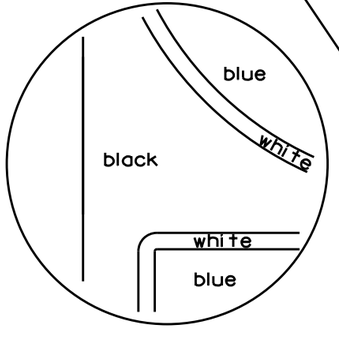
J32-1

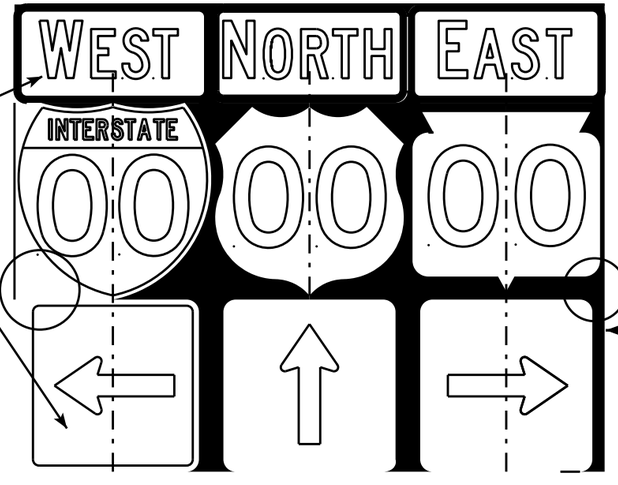
J33-1

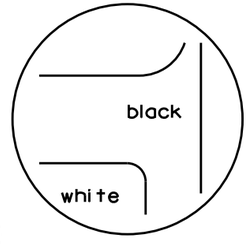
J23-1

J22-1

[blue background with interstate]







[black background]

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

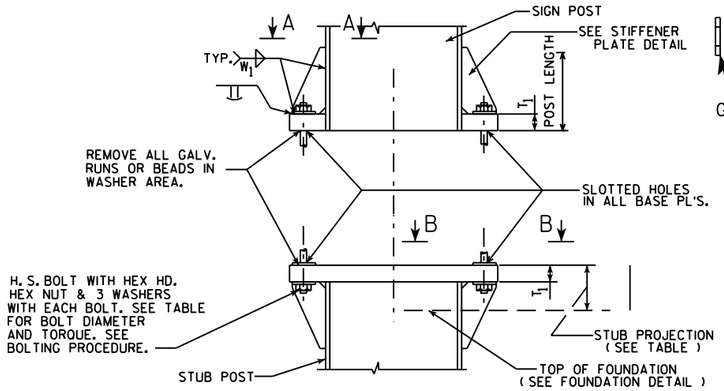
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/06/14 PL... A2-1S.8

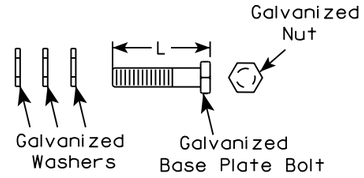
PROJECT NO: | SHEET NO: E

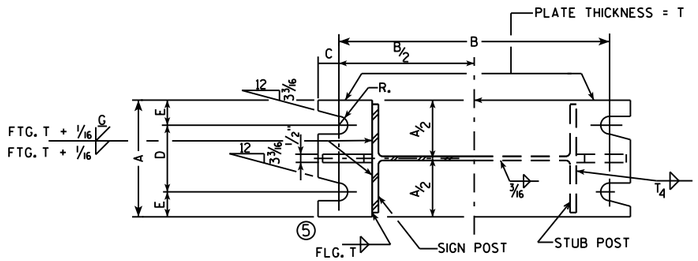
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN PLOT DATE : 06-FEB-2014 14:10 PLOT BY : mscsja PLOT NAME :

WISDOT/CADDS SHEET 42



SIGN POST AND STUB POST ELEVATION





SECTION A-A SECTION B-B

DESIGN DATA

WIND PRESSURE = 75 M.P.H.
WIND COMPONENTS - NORMAL = 1.0 TRANSVERSE = 0.0
ICE LOAD = 3 P.S.F.

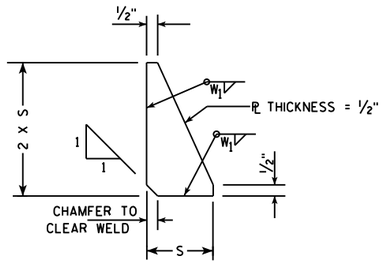
GROUP LOADS	PERCENT OF ALLOWABLE STRESS
1. DEAD	100
2. DEAD & WIND	140
3. DEAD, ICE & 1/2 WIND[4]	140

[4] 25 P.S.F. MIN.

ALLOWABLE SOIL PRESSURE = 1 1/2 T / SQ. FT.
WIND LOAD WAS APPLIED TO THE AREA OF THE SIGN AND TO THE SUPPORTING MEMBERS.
ICE LOAD WAS APPLIED TO ONE FACE OF THE SIGN AND AROUND THE SURFACE OF THE SUPPORTING MEMBERS.

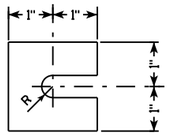
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DESIGN CONFORMS WITH A.A.S.H.T.O. SPECIFICATIONS 1985.
ALL POSTS, POST STUBS & ATTACHMENTS SHALL BE A.S.T.M. A709 GRADE 50, GALVANIZED IN ACCORDANCE WITH ASTM A123.
⑨ THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED AFTER FABRICATION.
FURNISH STEEL BOLTS, NUTS, AND WASHERS IN ACCORDANCE WITH SECTION 635 OF THE STANDARD SPECIFICATIONS.



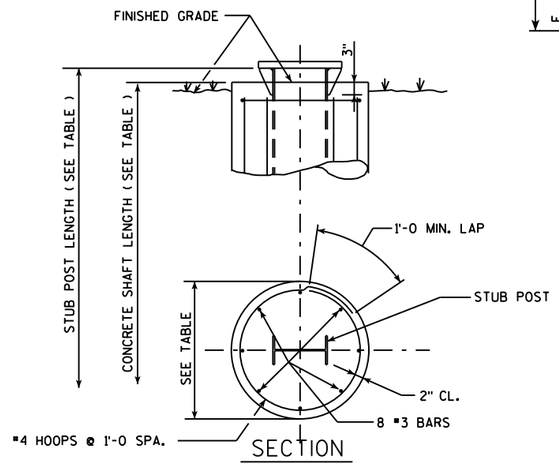
STIFFENER PLATE DETAIL

(SEE TABLE FOR DIMENSIONS)

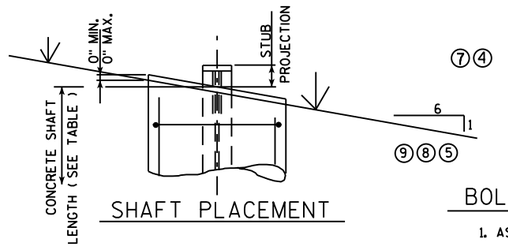


FURNISH 2 @ .012" ± THICK AND 2 @ .032" ± THICK SHIMS PER POST. SHIMS SHALL BE FABRICATED FROM BRASS SHIM STOCK OR STRIP CONFORMING TO A.S.T.M.- B36.

SHIM DETAIL



SECTION

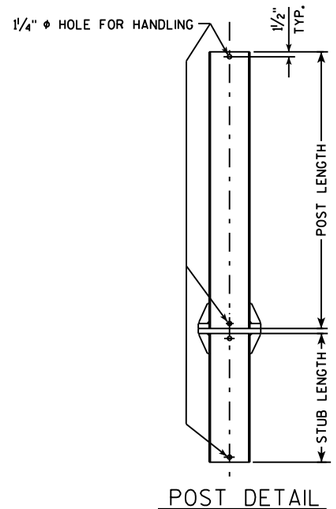


SHAFT PLACEMENT

BOLTING PROCEDURE - BASE CONNECTION

1. ASSEMBLE SIGN POST TO STUB POST WITH BOLTS AND ONE OF THE FLAT WASHERS ON EACH BOLT BETW. PLATES.
2. SHIM AS REQ'D. TO PLUMB POST.
3. PRIOR TO BOLT TIGHTENING LUBRICATE BASE CONNECTION BOLTS WITH BEESWAX OR OTHER HIGH-WAX LUBRICANT.
4. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH 12" OR 15" WRENCH TO BED WASHERS & SHIMS AND TO CLEAN BOLT THREADS, THEN LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE. (SEE TABLE)
5. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.

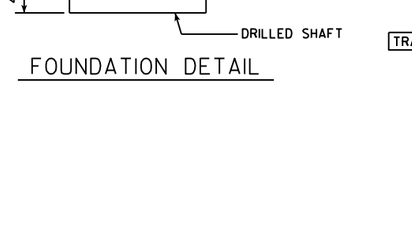
NOTE:
TIGHTEN THE HIGH STRENGTH BOLTS TO THE TORQUE SHOWN. DO NOT OVERTIGHTEN.



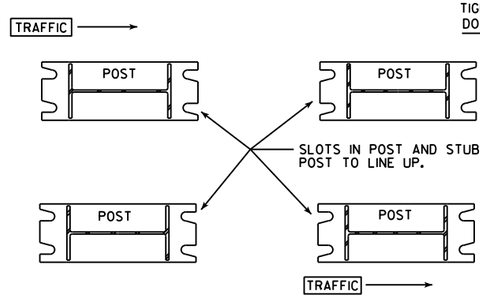
POST DETAIL

QUANTITIES FOR 1 FOOTING		CONC. MASONRY C.Y.	REINF. STEEL LBS.
⑦	A	0.6	34
	B	0.8	49
	C	0.9	50
	D	0.9	56
	E	1.0	62

⑦ REINF.	TYPE	#3	#4
	A	8 @ 4'-5	5 @ 6'-3
	B	8 @ 6'-5	7 @ 6'-3
	C	8 @ 6'-11	7 @ 6'-3
	D	8 @ 7'-5	8 @ 6'-3
	E	8 @ 7'-11	9 @ 6'-3



FOUNDATION DETAIL



POST SLOT ORIENTATION ⑦

					BASE CONNECTION DATA TABLE										FOUNDATION DATA				②
L	X	TYPE	POST SIZE	WEIGHT PER FT	BOLT SIZE & TORQUE	A	B	C	D	E	T_1	T_4	W_1	R	S	STUB LENGTH	STUB PROJECTION	SHAFT DIAMETER	SHAFT LENGTH	K
3 3/4	④	A	W10"X12.0	12.0 LBS	3/4" ø @ 75"-FT.	5 1/4"	1'-0 3/8"	7/8"	3 1/2"	7/8"	1"	3/16"	5/16"	13/32"	2 1/8"	3'-6	3"	2'-0 ø	5'-0	76.0" ④
4 3/4	④	B	W12"X16.0	16.0 LBS	7/8" ø @ 85"-FT.	5 1/2"	1'-4 1/4"	1"	3 1/2"	1"	1 1/4"	1/4"	5/16"	15/32"	3"	5'-6	3"	2'-0 ø	7'-0	146.5" ④
5		C	W12"X19.0	19.0 LBS	7/8" ø @ 85"-FT.	5 1/2"	1'-4 1/4"	1"	3 1/2"	1"	1 1/2"	5/16"	5/16"	15/32"	3"	6'-0	3"	2'-0 ø	7'-6	182.1"
5		D	W12"X22.0	22.0 LBS	7/8" ø @ 85"-FT.	5 1/2"	1'-4 1/4"	1"	3 1/2"	1"	1 1/2"	3/8"	5/16"	15/32"	3"	6'-6	3"	2'-0 ø	8'-0	210.5"
5	③	E	W12"X26.0	26.0 LBS	1" ø @ 90"-FT.	7"	1'-4 1/4"	1 1/4"	4"	1 1/2"	1 1/2"	3/8"	5/16"	17/32"	3"	7'-0	3"	2'-0 ø	8'-6	293.0" ③

① ⑥ ①

STRUCTURAL CARBON STEEL PAY WTS. (1 POST) = K+ (POST LENGTH X POST WT.)
" K " INCLUDES STUB, BASE PLATES, STIFFS., BOLTS, AND WASHERS.

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/22/17 PLATE NO. A3-1.17

NO.	DATE	REVISION
⑩	1-21-14	LUBRICATION OF BASE BOLTS
⑨	4-26-11	REMOVE NON-GALVANIZED
⑧	10-30-96	NOT GALVANIZED/GALVANIZED
⑦	10-30-92	QUANT., A588 EXCEPT., ADD SLOT VIEW
⑥	8-24-87	BASE CONN. WELD
⑤	10-13-81	BASE CONN. WELD & FUSE & WASHERS
④	10-19-79	POST A & B, A572 GR. 50, & K
②	11-28-78	"K" ③ 4-23-79 TYPE "E"
①	5-4-78	T_1 . T_2 & W_1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

TYPE A, B, C, D, & E

CONST. SPEC. 2011 | DRAWN BY JPH | PLANS CK'D.

FTG. & SIGN SUPPORT DETAILS GROUND MOUNT BREAK-AWAY SIGNS

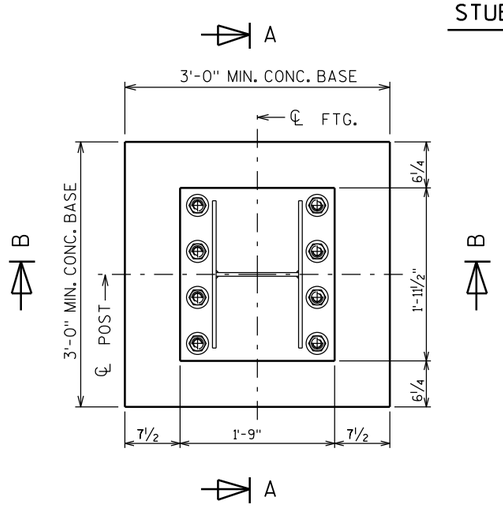
SHEET

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 414 | E

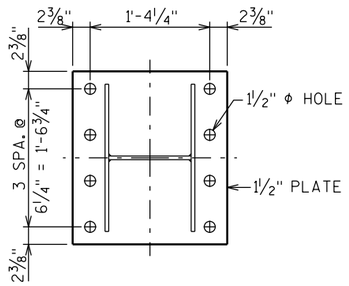
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A31.DGN PLOT DATE : 22-AUG-2017 09:41 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 5.415383:1.000000

WISDOT/CADDS SHEET 42

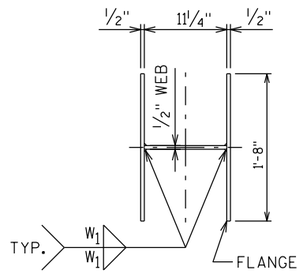
STUB AND MASONRY ANCHOR DETAILS



STUB SECTION



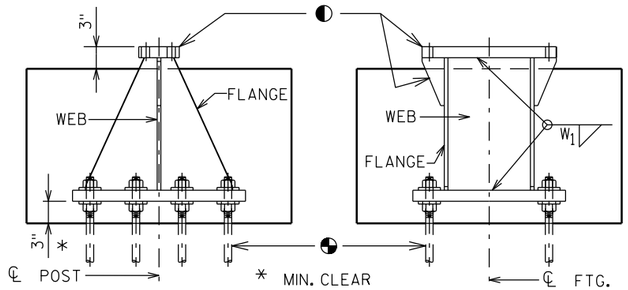
BASE PLATE



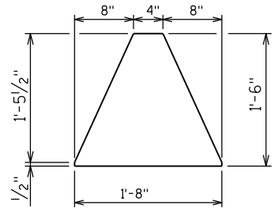
STUB

◐ SEE PLATE NO. A3-1 FOR DETAILS

◒ MASONRY ANCHORS TYPE S 1¼-INCHES (ADHESIVE). ALLOWABLE PULL OUT CAPACITY 14,995 KIPS. EMBED 1'-3" IN ROCK.



SECTION A SECTION B



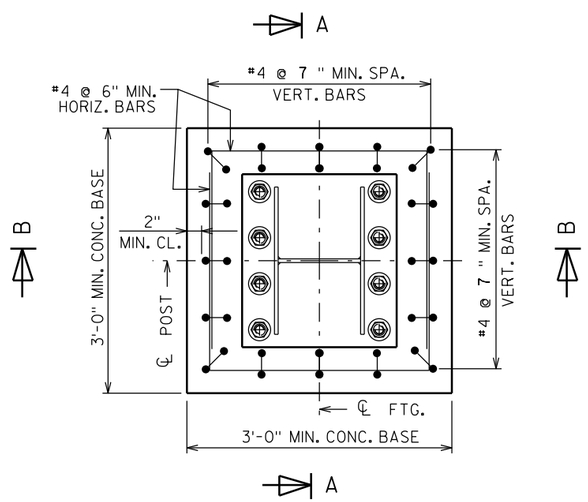
FLANGE

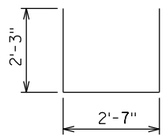
GENERAL NOTES

1. Quantities per Base:
   - REINFORCING BAR STEEL = 62 LBS
   - CONCRETE = 0.6 C.Y.
   - STEEL WEIGHT = 335 LBS
2. All materials, except anchor rod, nuts and washers, are to be A.S.T.M. A709 grade 50. All materials to be galvanized after fabrication.
3. If the contractor encounters rock before reaching the footing depth, per the A3-1 Sign Detail, determine the pull-out capacity of a test adhesive anchor installed in the rock. If the test result equals or exceeds the pull-out capacity of 14,995 KIPS, the contractor may install the breakaway stub for rock, according to this detail.

CONCRETE BASE AND REINFORCING STEEL DETAILS

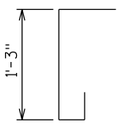
CONCRETE BASE SECTION





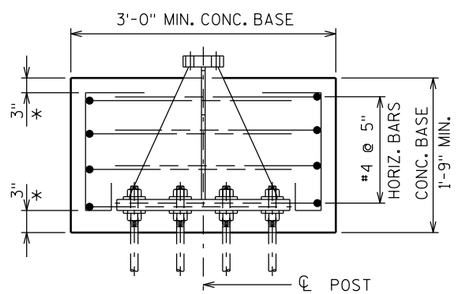
HORIZONTAL BAR

8 BARS @ 6'-11" LENGTH



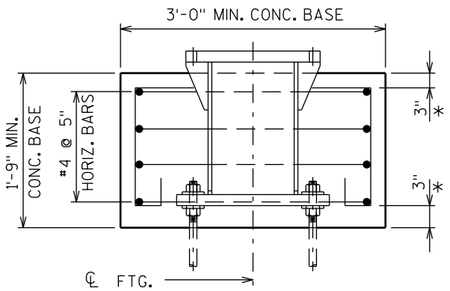
VERTICAL BARS

16 BARS @ 2'-4" LENGTH
MAY BE PLACED IN SKEW
FOR CLEARANCE NEED



SECTION A

* MIN. CLEAR



SECTION B

ALTERNATE BREAK-AWAY BASE ON ROCK
A3-1M

WISCONSIN DEPT OF TRANSPORTATION

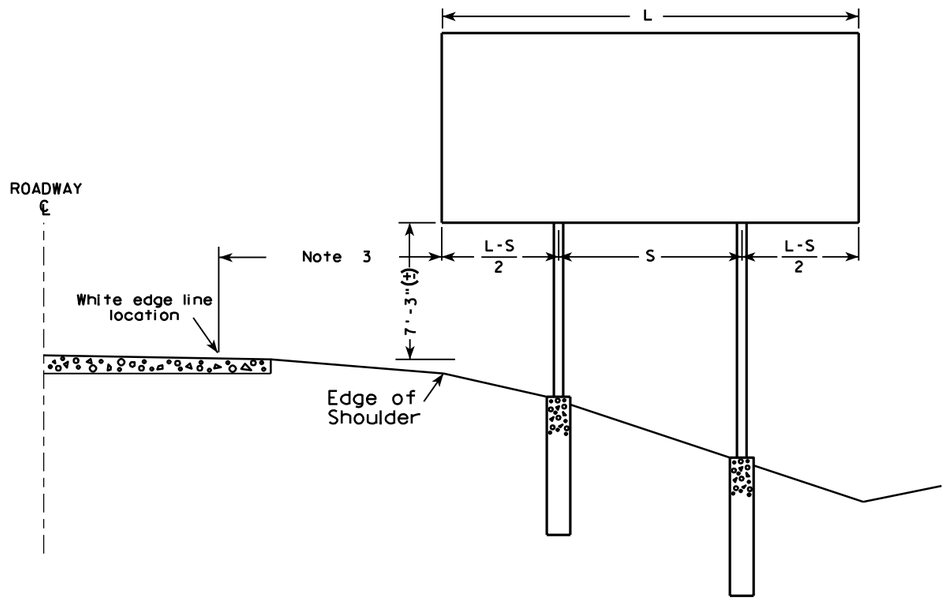
APPROVED Matthew R Rauch
for State Traffic Engineer

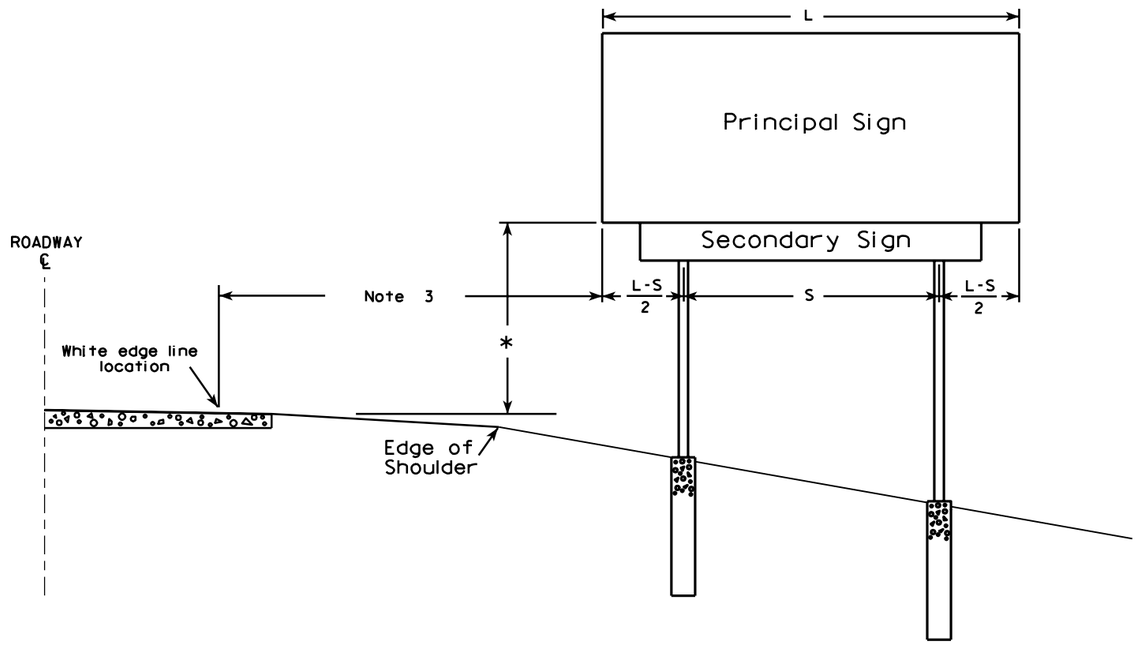
DATE 2/06/2014 PLATE A3-1M.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A31M.DGN PLOT DATE : 10-MAR-2014 15:16 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.556674:1.000000

WISDOT/CADDS SHEET 42





GENERAL NOTES

1. For a 2 post installation, S equals 3L/5, but shall not be less than 9 ft.
2. For a 3 post installation, S equals 5L/7, but shall not be less than 18 ft., and the space between any two posts shall not be less than 9 ft.
3. Unless noted in the plan, the sign offset distance shall be a minimum of 17'-6", desirable 30'-0".
4. The (±) tolerance shown on this sheet is 3 in.
5. The vertical sign height clearance detailed is measured from the bottom of the sign to the near edge of pavement.
6. Post lengths shown in the miscellaneous quantities are estimated lengths. The contractor shall verify post lengths at the time of final grading.
7. Refer to the Traffic Guidelines Manual for further guidance on minimum vertical clearance requirements.

* Clearance is 8'-3"(±) when the secondary sign is 3 ft. or less in height. For secondary signs larger than 3 ft., the clearance to the bottom of the secondary sign shall be 5'-3"(±).

7

7

TYPICAL INSTALLATION
OF TYPE I SIGNS

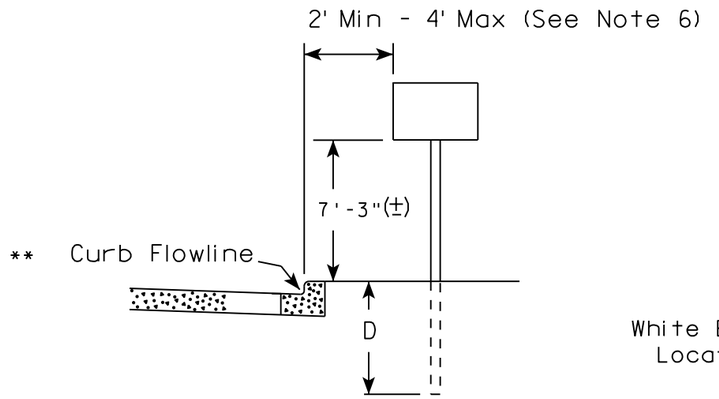
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

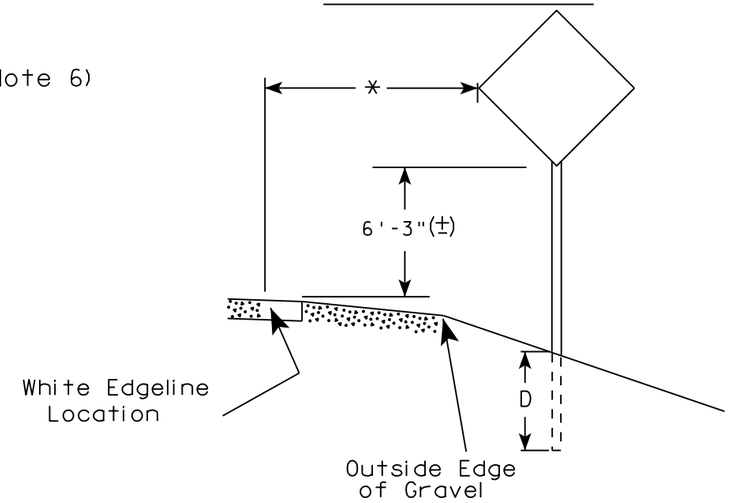
DATE 4/02/08 PLATE NO. A4-1.9

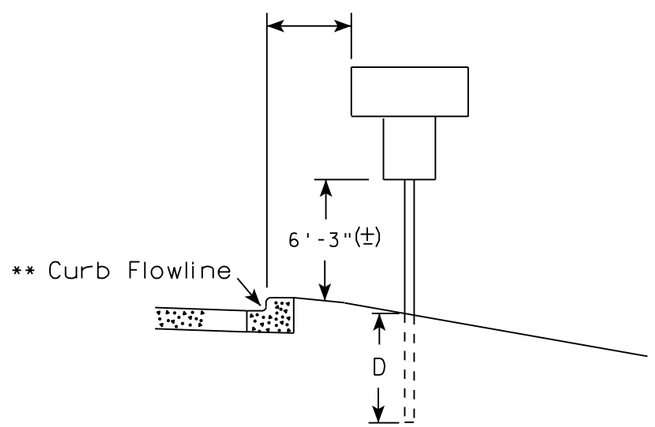
PROJECT NO:				SHEET NO: 416	E

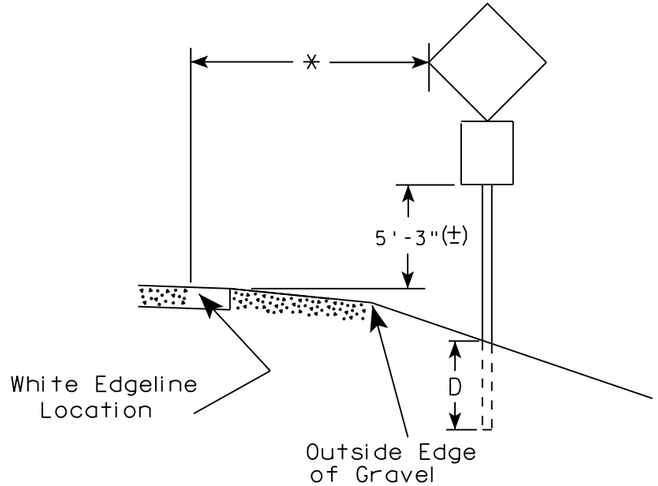
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. J-Assemblies are considered to be one sign for mounting height.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

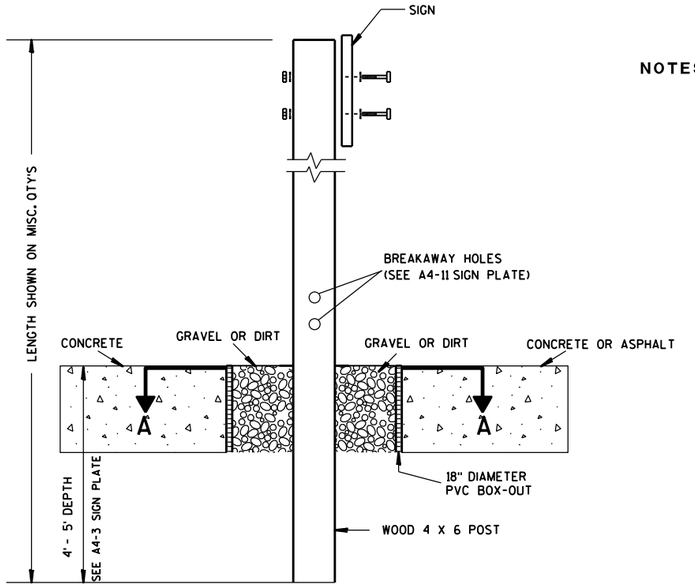
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-3.21

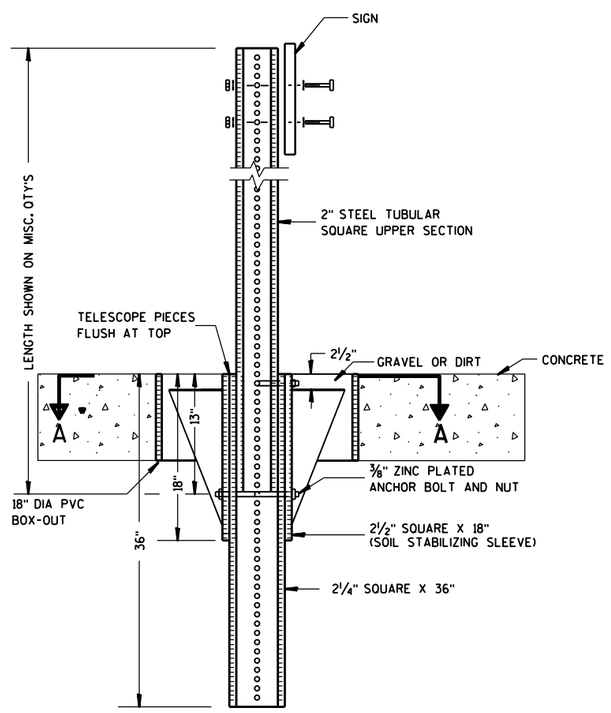
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 417	E



ELEVATION VIEW

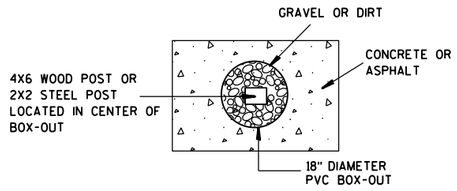
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

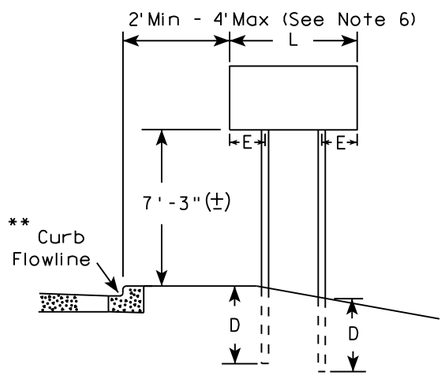
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

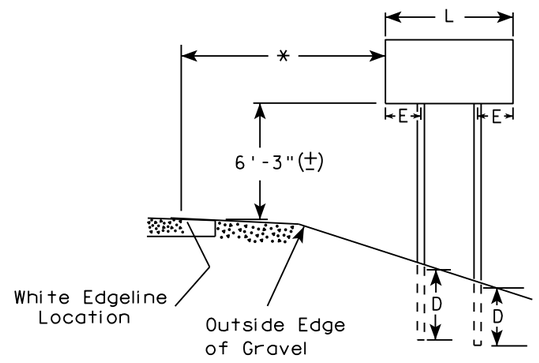
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

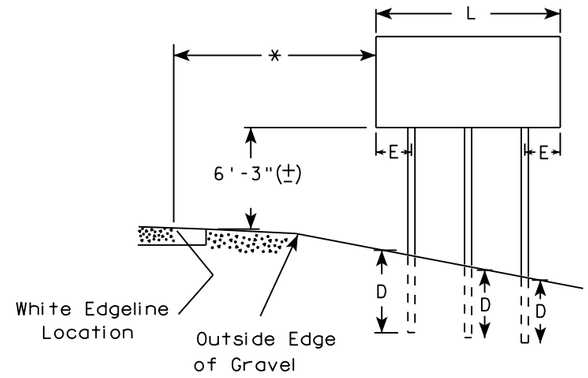
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

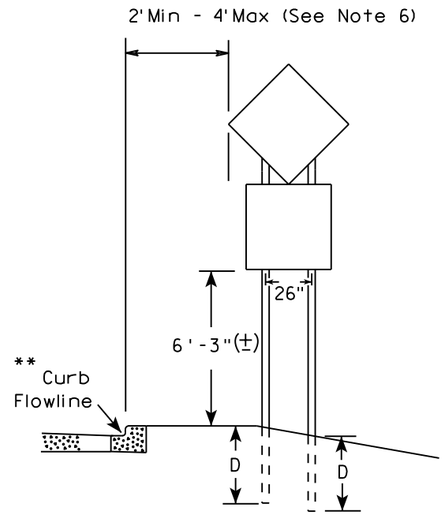
URBAN AREA



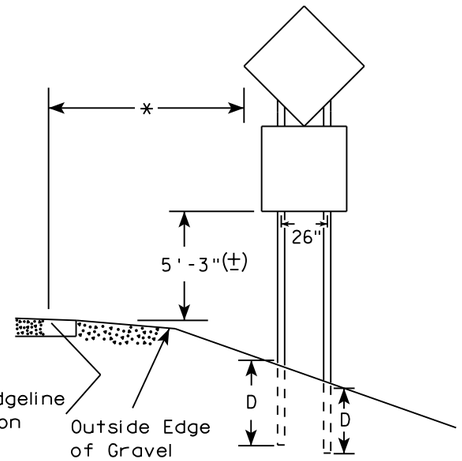
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

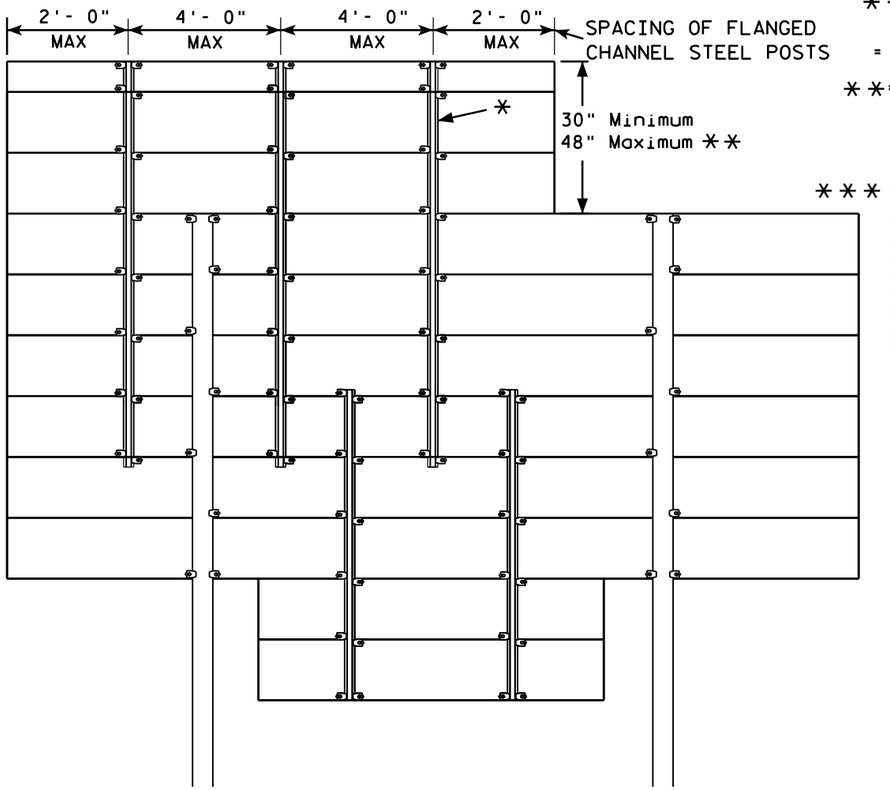
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 419	E

GROUND MOUNTED SIGN

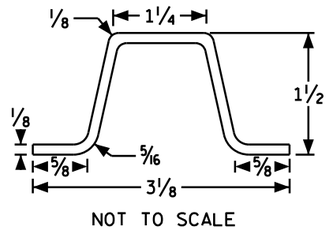


*=2.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

**=FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

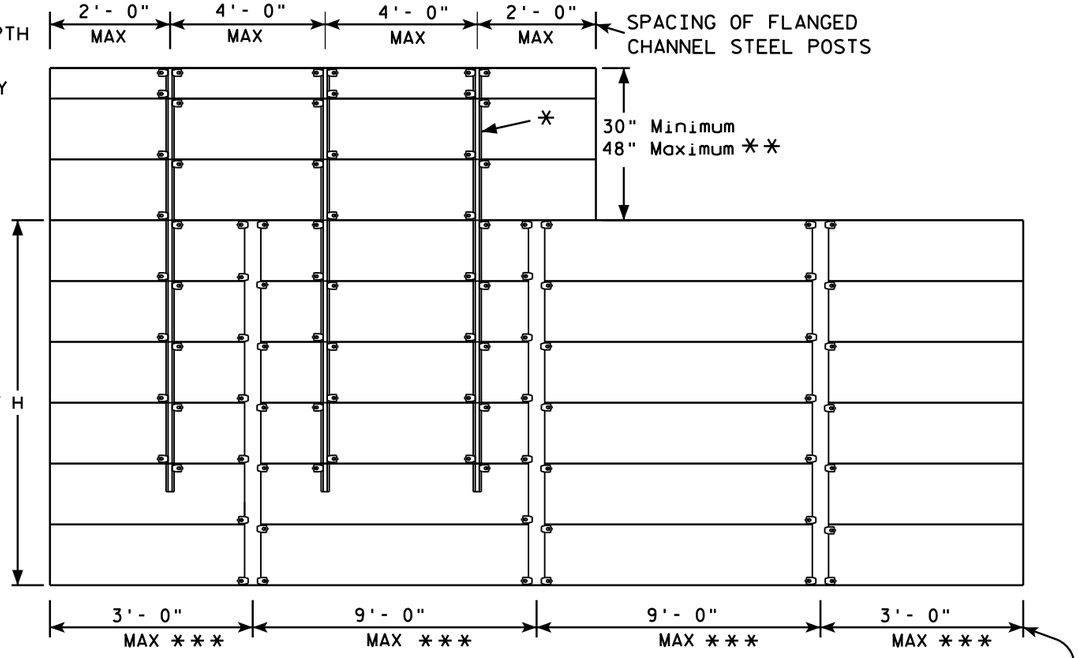
*** THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 16 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 16 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAIL



NOT TO SCALE

SIGN BRIDGE MOUNTED SIGN



SPACING OF ALUMINUM SIGN SUPPORTS
5" X 3.5" X 3.7 LBS./ft.

GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.
2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.
3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.
4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.
5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)
6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

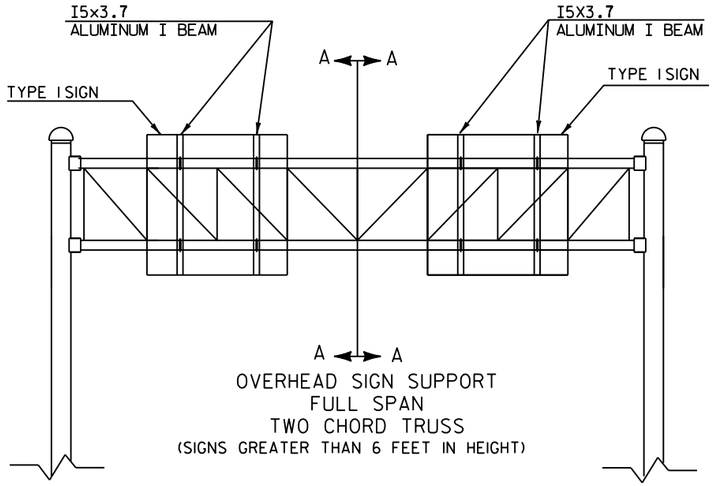
ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

WISCONSIN DEPT OF TRANSPORTATION

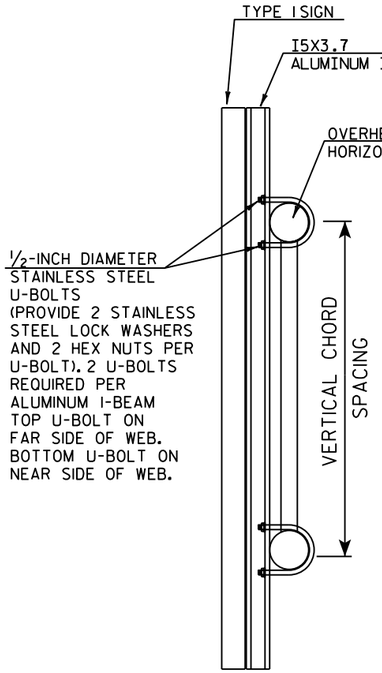
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/05/13 PLAT 420 A4-6.12

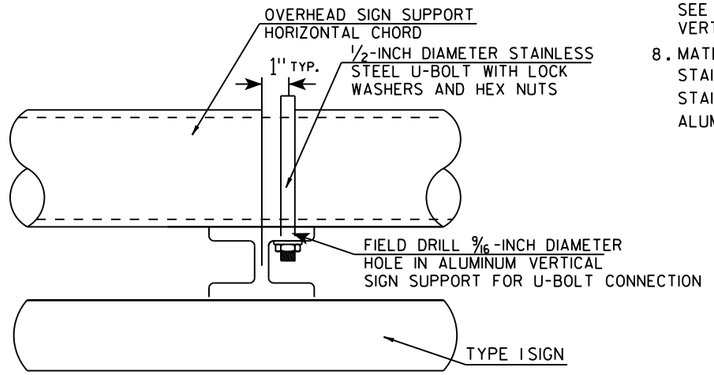
PROJECT NO:				SHEET NO:	E



OVERHEAD SIGN SUPPORT
FULL SPAN
TWO CHORD TRUSS
(SIGNS GREATER THAN 6 FEET IN HEIGHT)



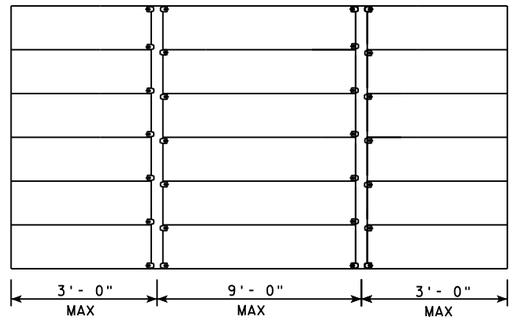
CUT SECTION A-A



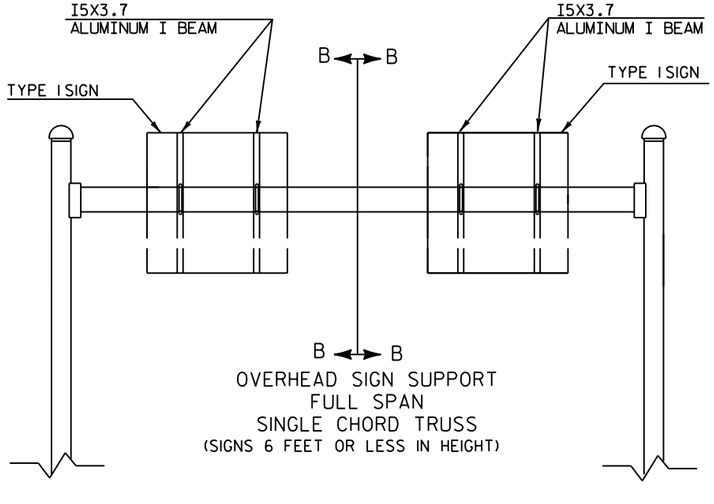
TYPICAL SIGN CONNECTION FOR
TWO CHORD TRUSS
PLAN VIEW

GENERAL NOTES

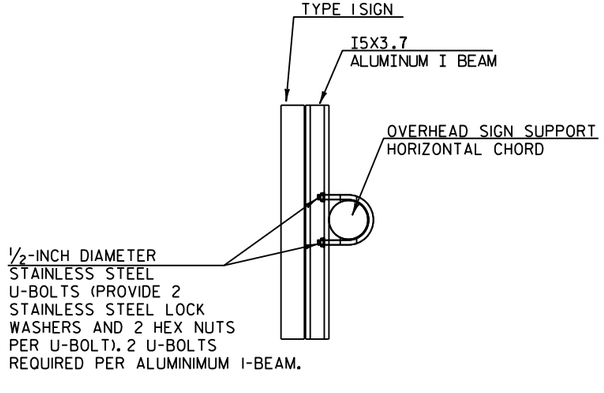
1. USE STAINLESS STEEL U-BOLTS, WASHERS, AND NUTS.
2. USE CLIPS ON EVERY EXTRUDED PANEL JOINT PER SIGN PLATE A4-6.
3. USE ALUMINUM VERTICAL SIGN SUPPORT BEAMS HAVING A 5 INCH BEAM DEPTH AND WEIGHT OF 3.7 LBS PER FOOT.
4. U-BOLTS SHALL BE STAINLESS STEEL AND MANUFACTURED TO THE PROPER SIZE TO FIT THE CHORDS OF THE OVERHEAD SIGN STRUCTURE.
5. DIAMETER OF U-BOLTS SHALL BE AS SHOWN.
6. THE LENGTH OF THE ALUMINUM VERTICAL SIGN SUPPORT BEAMS SHALL BE THE SAME AS THE HEIGHT OF THE SIGN THEY ARE SUPPORTING. BEAM LENGTHS MAY BE LONGER FOR PROPER ATTACHMENT TO CHORDS.
7. MINIMUM NUMBER OF BRACKETS PER SIGN IS TWO. SEE DETAIL BELOW FOR SPACING OF ALUMINUM VERTICAL SIGN SUPPORTS
8. MATERIAL NOTES:
   STAINLESS STEEL U-BOLTS AND LOCKWASHERS ASTM 304.
   STAINLESS STEEL HEX NUTS ASTM A276.
   ALUMINUM I-BEAMS ARE 6061-T6.



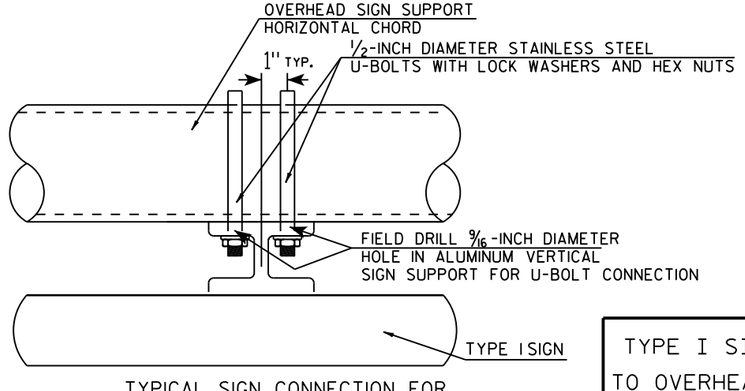
SPACING OF I5X3.7 ALUMINUM
VERTICAL SIGN SUPPORT



OVERHEAD SIGN SUPPORT
FULL SPAN
SINGLE CHORD TRUSS
(SIGNS 6 FEET OR LESS IN HEIGHT)



CUT SECTION B-B



TYPICAL SIGN CONNECTION FOR
SINGLE CHORD TRUSS
PLAN VIEW

TYPE I SIGN CONNECTION TO OVERHEAD SIGN SUPPORT

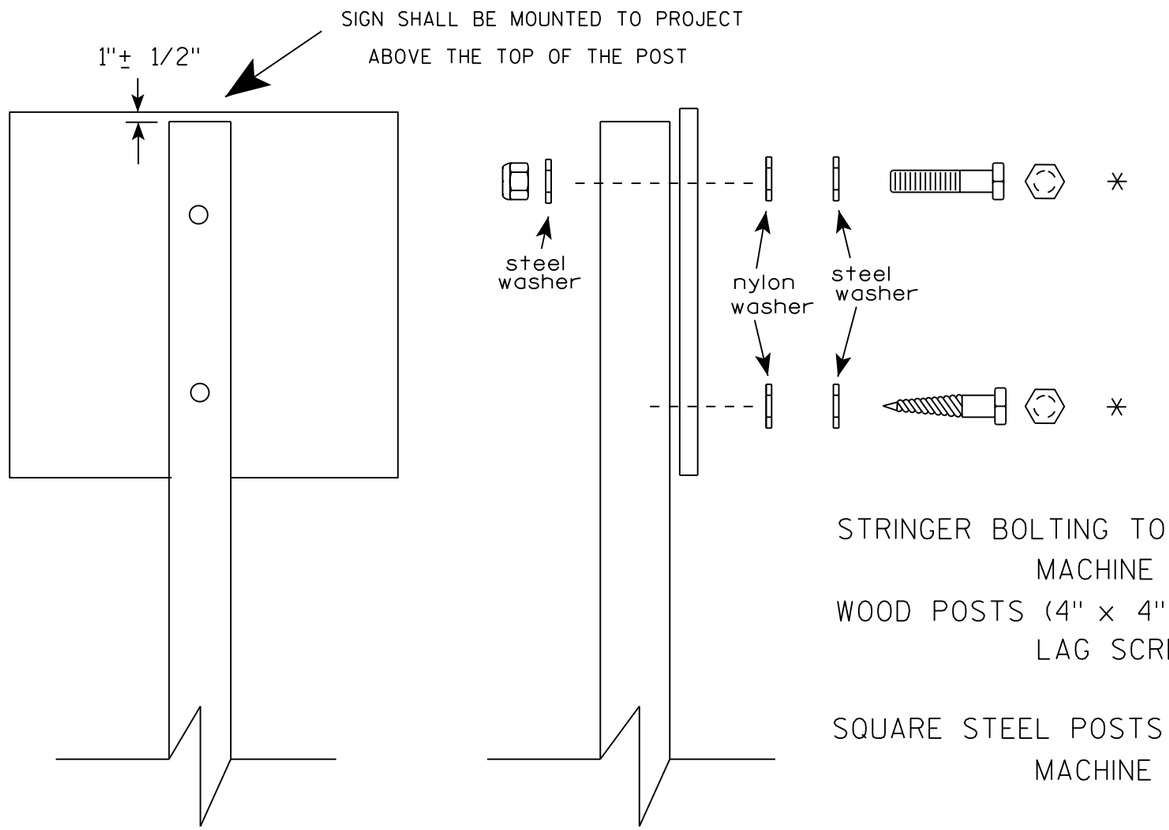
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/15 PLATE NO. A4-7.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A47.DGN PLOT DATE : 01-DEC-2015 17:42 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 38.916838:1.000000



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts
WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)
SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)
RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH
WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

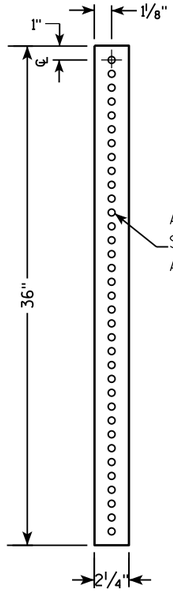
DATE 8/11/16 PLATE NO. A4-8.8

PROJECT NO: SHEET NO: E

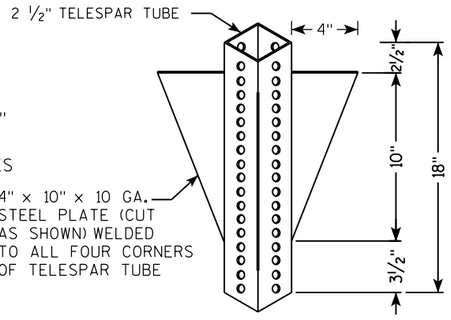
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 11-AUG-2016 11:35 PLOT BY : $$ plotuser $$

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

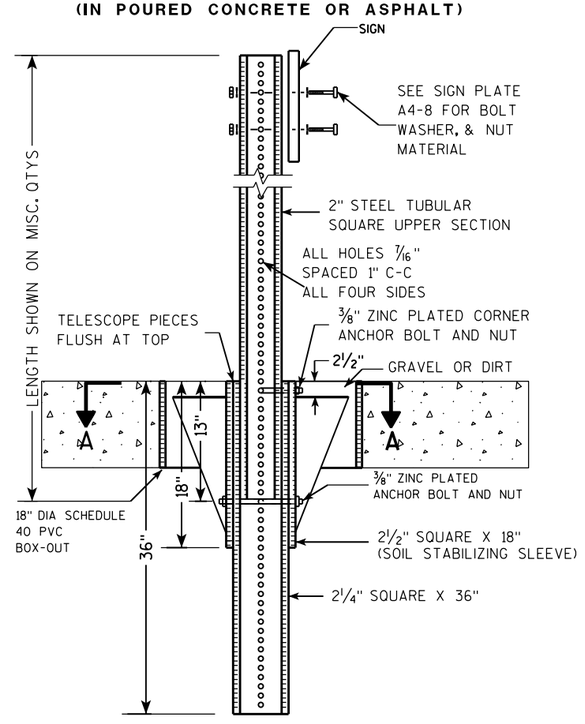
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



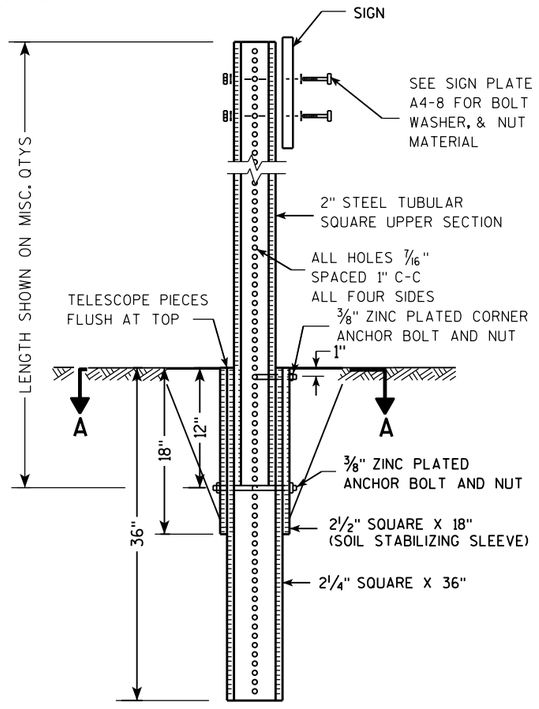
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

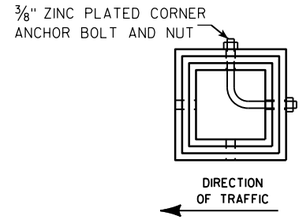


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

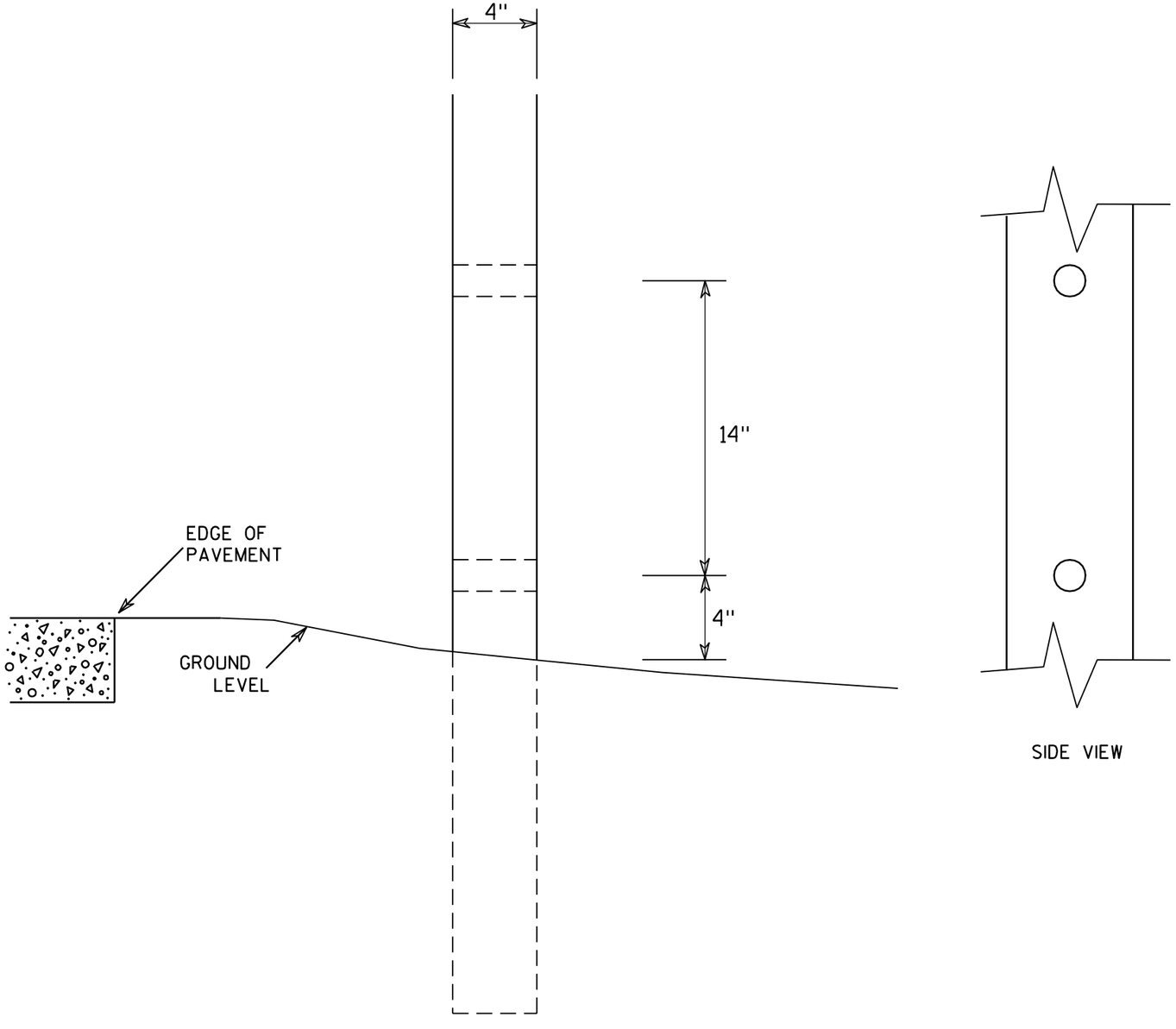
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 423 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

4 X 6 WOOD POST MODIFICATIONS

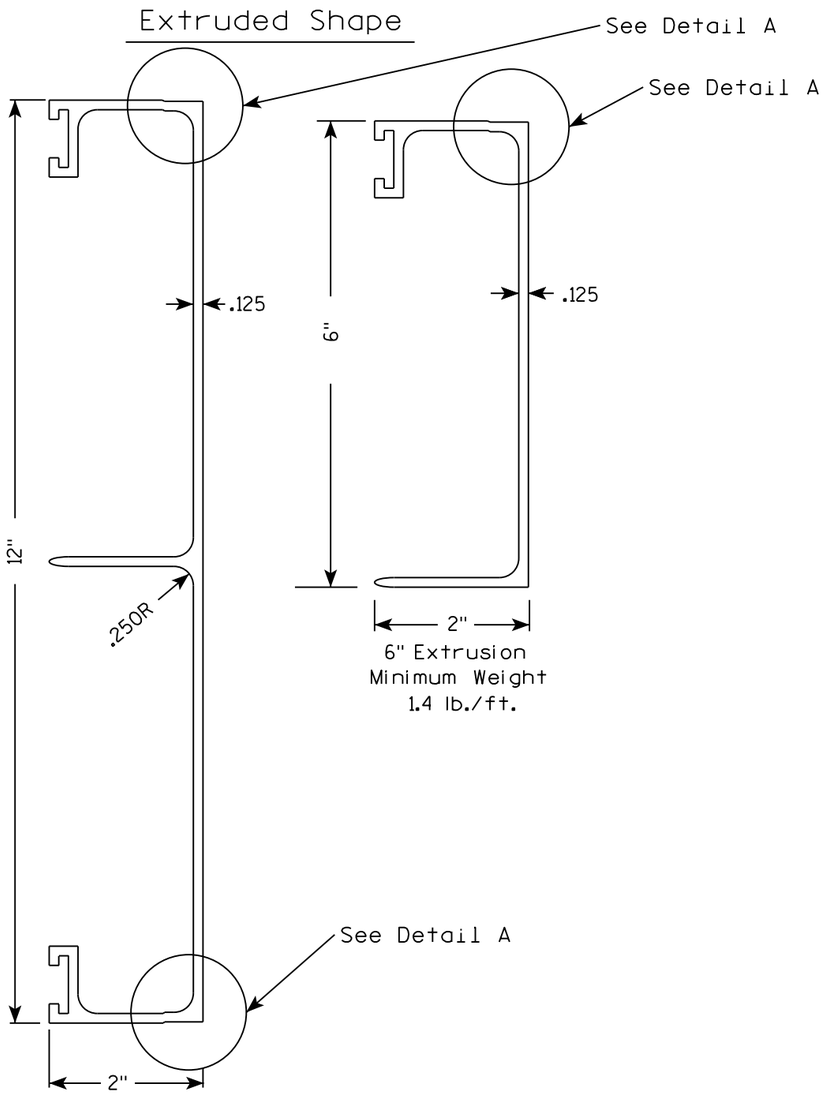
WISCONSIN DEPT OF TRANSPORTATION

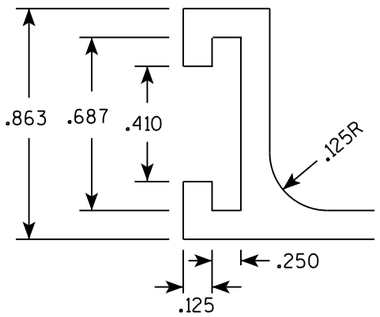
APPROVED Chester J Spang for State Traffic Engineer

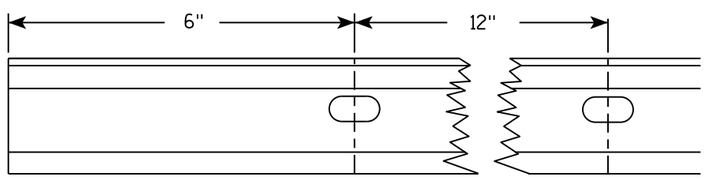
DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 424	E

Extruded Shape







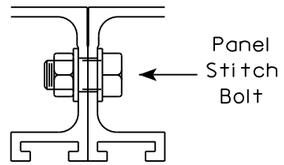
Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

Hardware

STITCH BOLT, WASHER & NUT

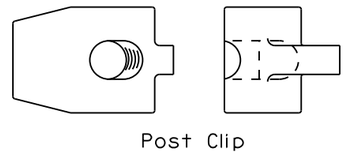
The hardware includes:

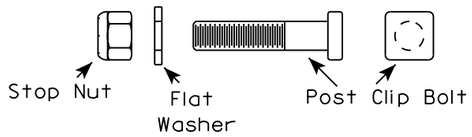
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

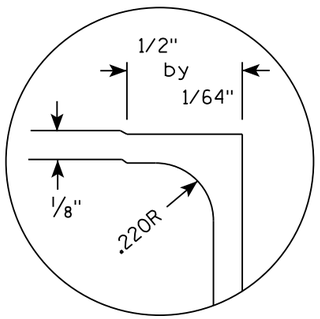
Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.
4. Edge wrapping of sign sheeting required on all extrusions joints shown in Detail A.



DETAIL A (EDGE WRAP JOINT)

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

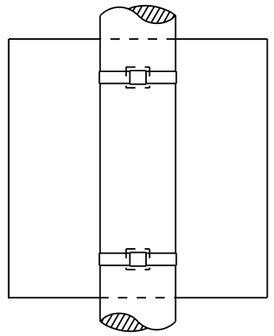
APPROVED Matthew R Rauch
for State Traffic Engineer

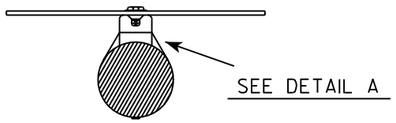
DATE 11/30/16 PLATE NO. A5-2.10

PROJECT NO:				SHEET NO: 425	E

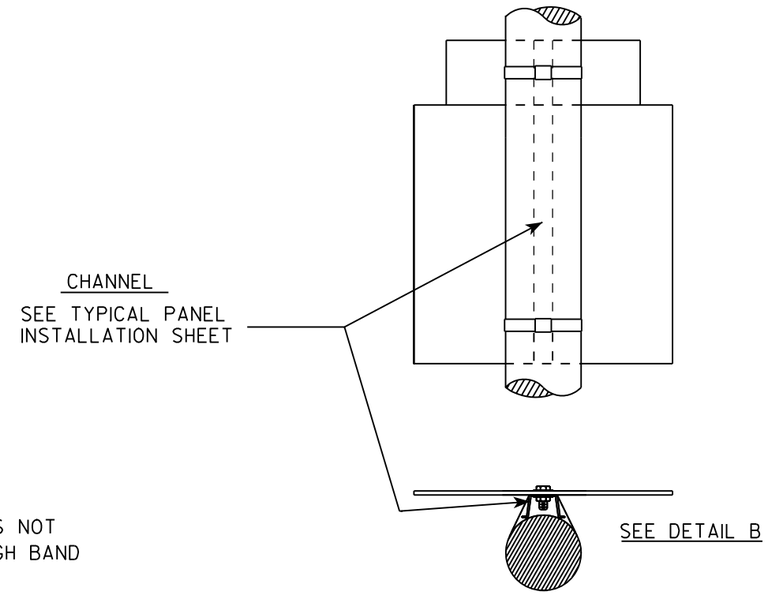
BANDING

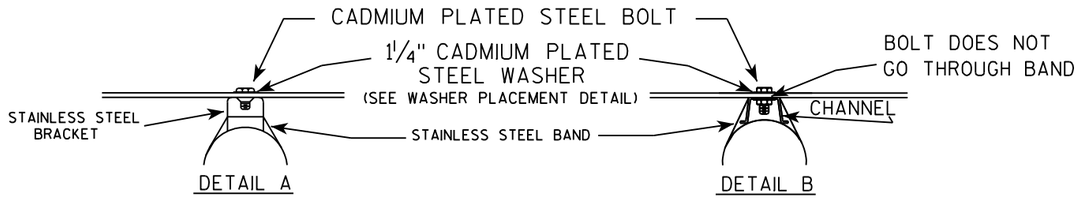
SINGLE SIGN



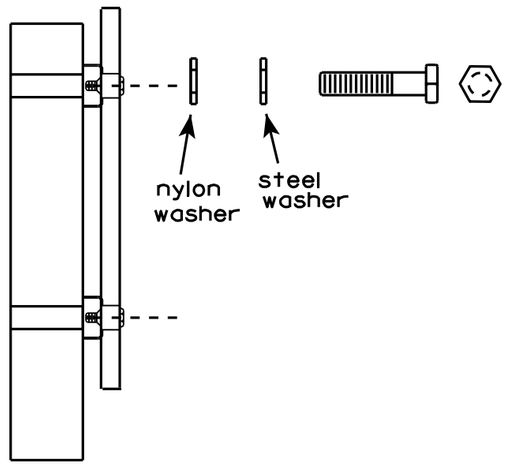


"J" ASSEMBLY





WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.

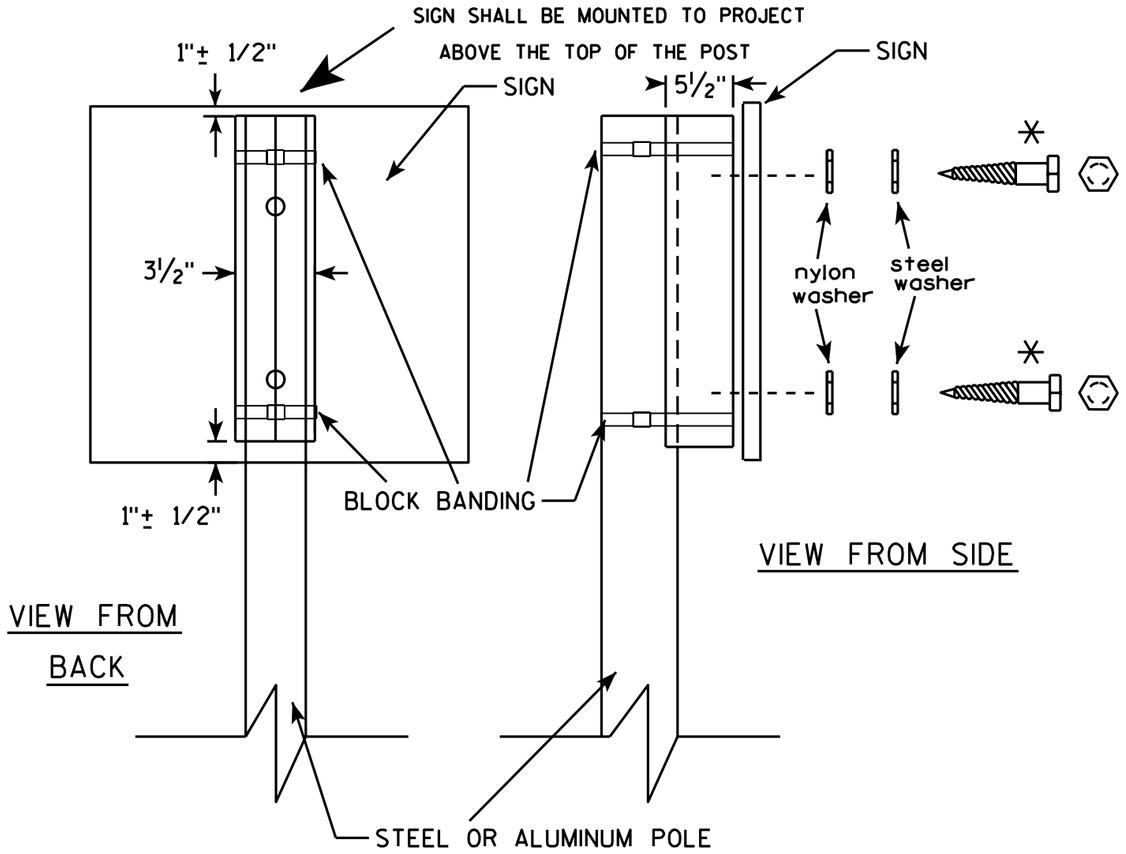
STANDARD SIGN
SIGN BANDING DETAILS

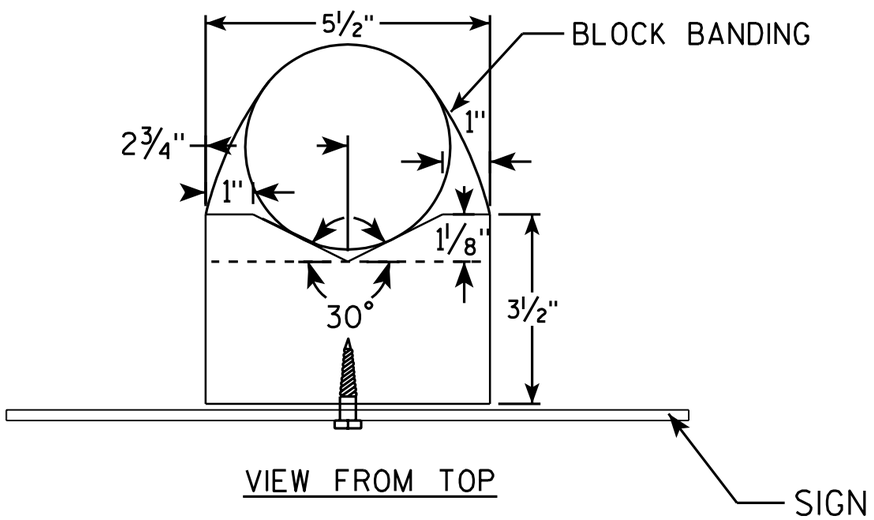
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 426	E





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
   b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
   c. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

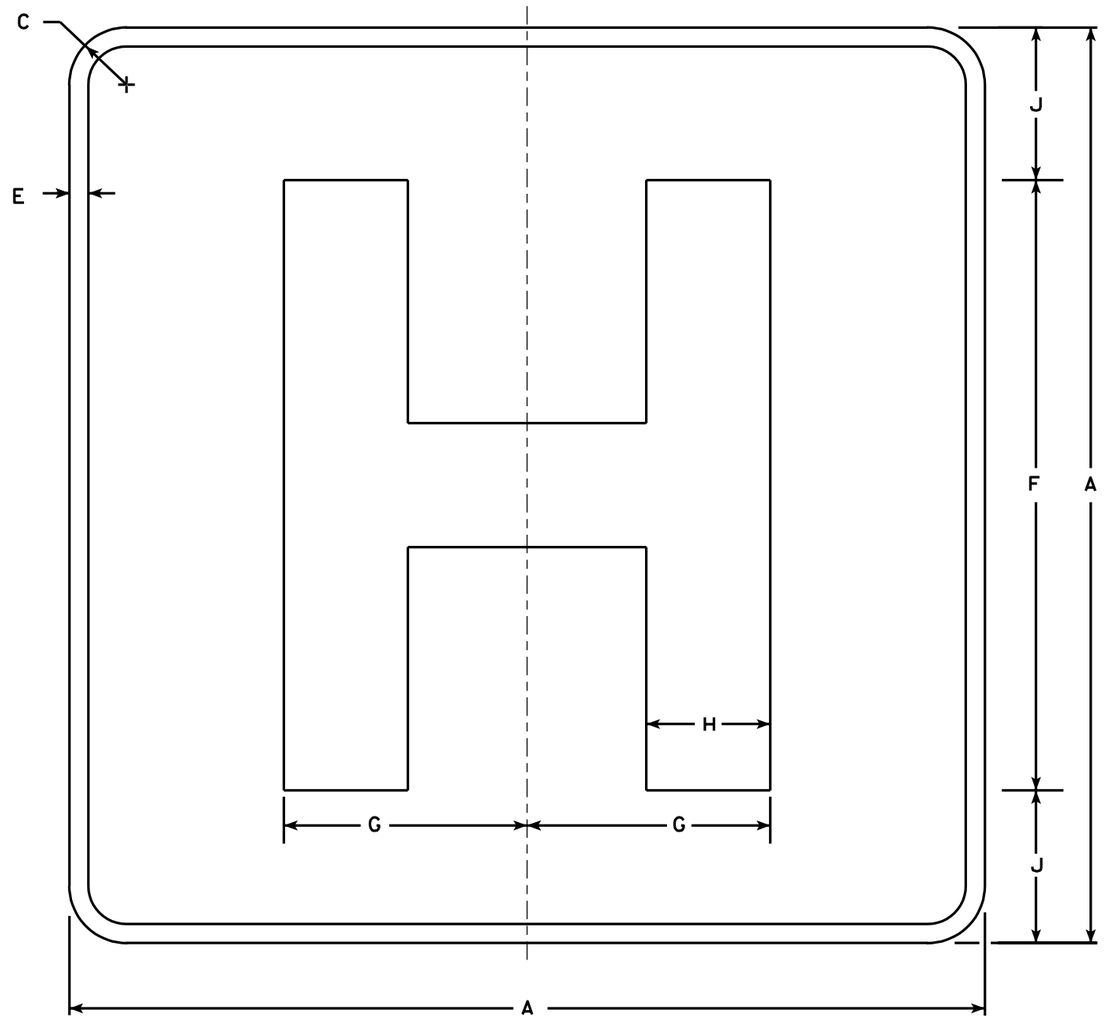
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/12/07 PLATE NO. A5-10.1

PROJECT NO:

SHEET NO: 427 E



D9-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Blue
   Message - White - Type H Reflective
3. Message Series - E Modified
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	450 mmX 450 mm
2	600 mmX 600 mm
3	900 mmX 900 mm
4	X
5	X

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8		1/2	12	4 3/4	2 3/8		3																	4.0
2	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
3	36		2 1/4		3/4	24	9 1/2	4 7/8		6																	9.0
4																											
5																											

STANDARD SIGN
D9-2

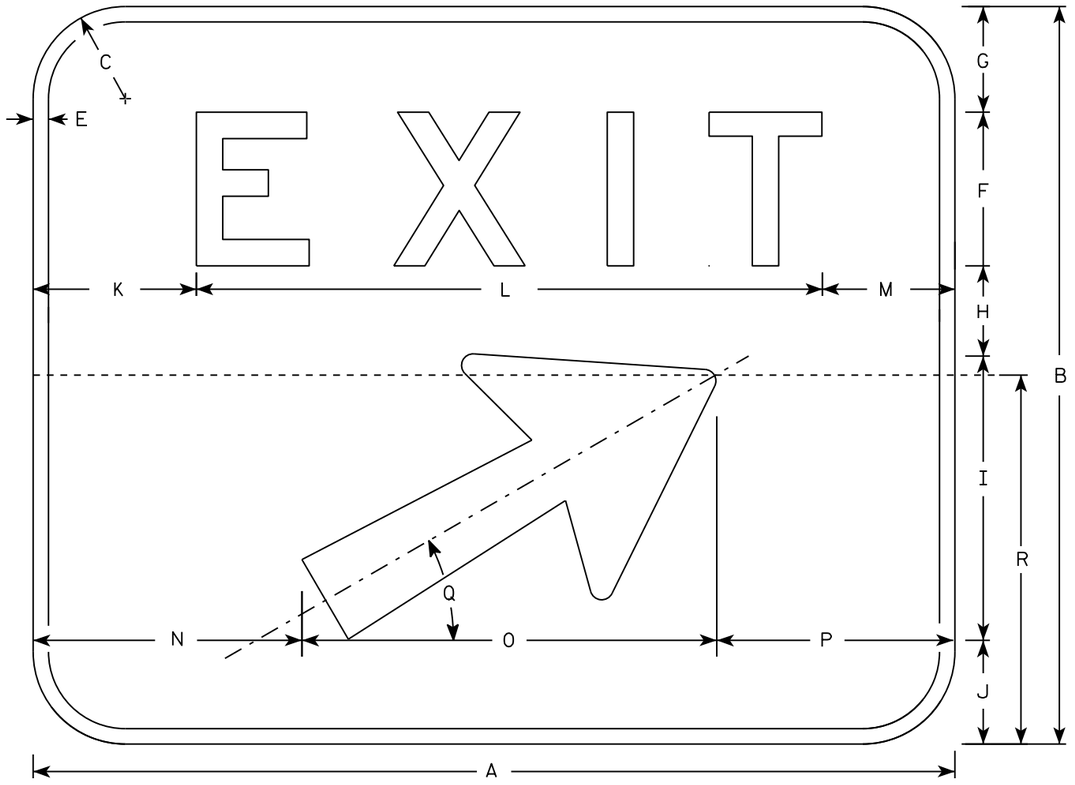
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong for State Traffic Engineer

DATE 1/15/02 PLATE NO. D9-2.4

PROJECT NO:

SHEET NO: 428 E



E5-1

NOTES

1. Sign is Type II - Type H reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. When Base material for this sign is plywood sign shall be split into two seperate pieces for the 72 x 60 size as shown on the detail by the dashed line (----------).
6. Arrow is Type "A" from sign plate A1-1.
7. As per the Standard Spec's, this sign shall not have a vertical joint.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3																											
4	60	48	6		1	10	6 7/8	5 7/8	18 1/2	6 3/4	10 5/8	40 3/4	8 5/8	17 1/2	27	15 1/2	30°	30									20.0
5	72	60	6		1	12	9 3/4	10	18 1/2	9 3/4	13 1/4	48 1/2	10 1/4	23 1/2	27	21 1/2	30°	30									30.0

STANDARD SIGN
E5 - 1

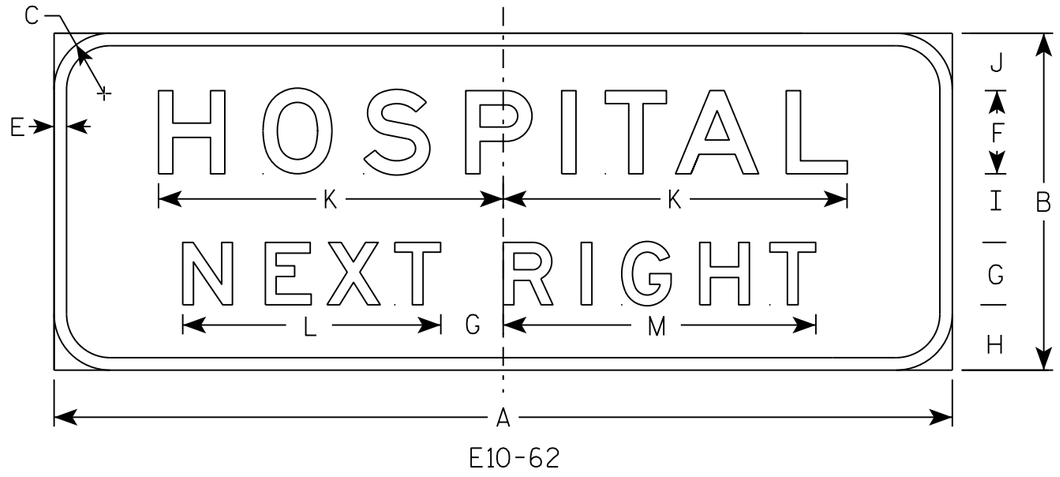
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. E5-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 429	E

7



E10-62

NOTES

1. Sign is Type I - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Blue
   Message - White
3. Message Series - E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3																											
4	144	54	9		2	13 3/8	10	10 1/2	11	9 1/4	55 1/4	41 3/8	50 1/8														54
5	144	54	9		2	13 3/8	10	10 1/2	11	9 1/4	55 1/4	41 3/8	50 1/8														54

TYPICAL SIGNS
E10-62

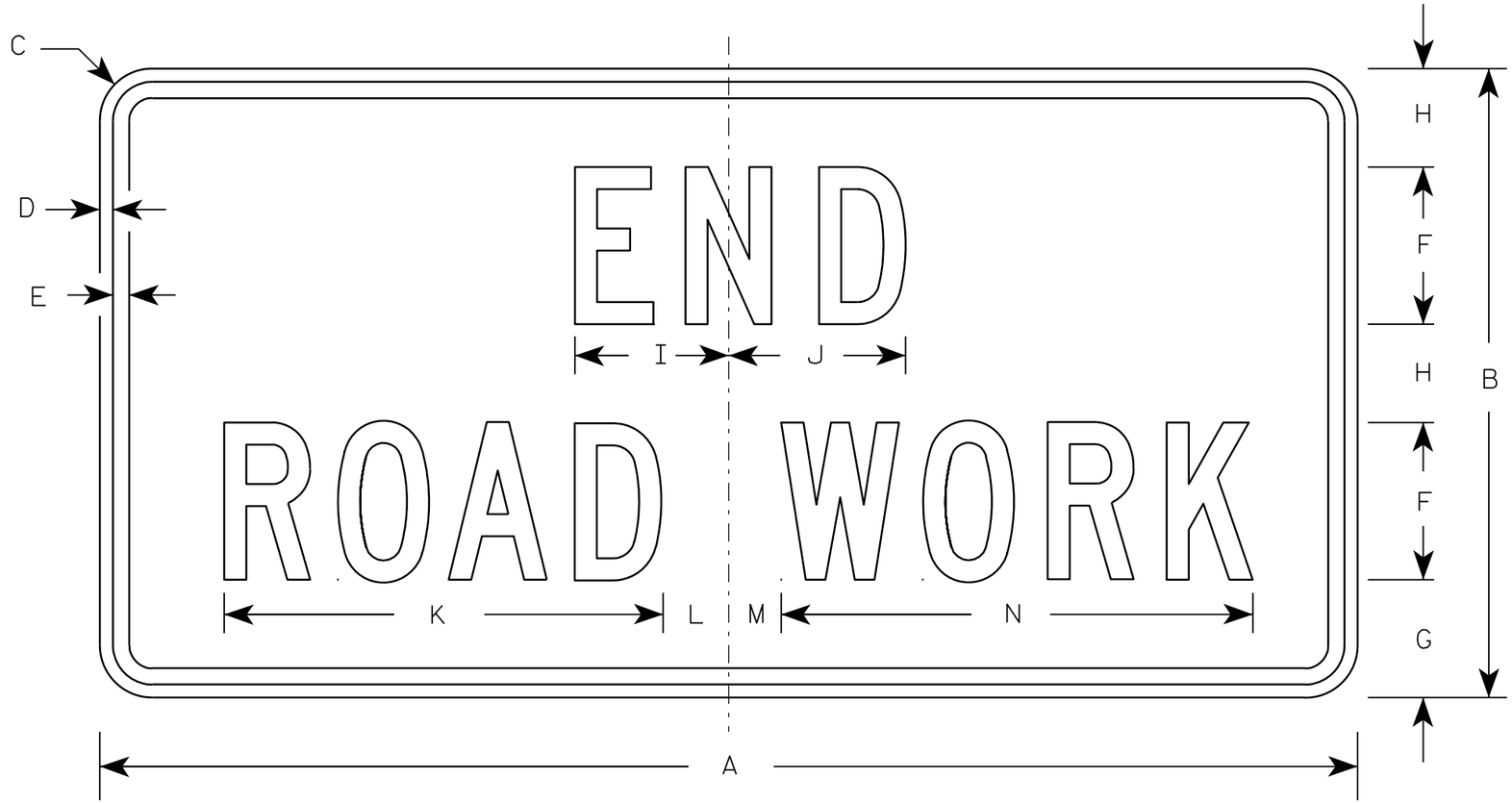
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/24/15 PLATE NO. E10-62.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\E1062.DGN PLOT DATE : 01-DEC-2015 17:51 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 24.284107:1.000000



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

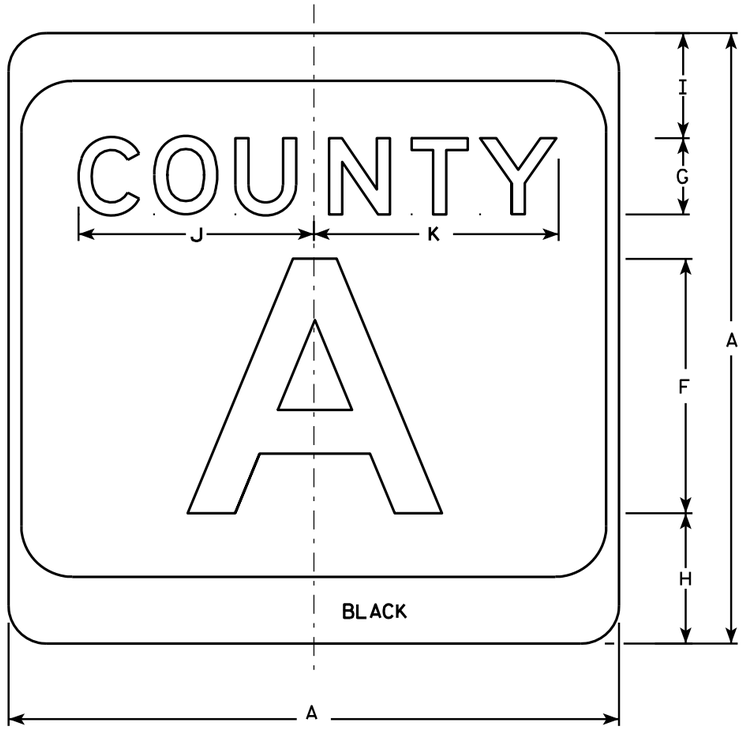
STANDARD SIGN
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

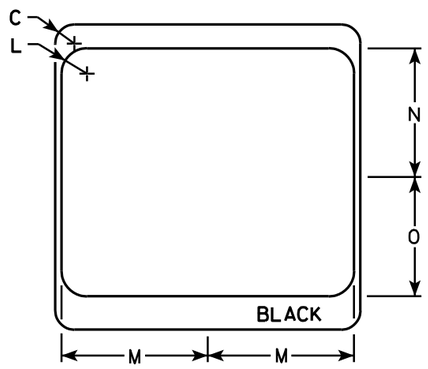
APPROVED Matthew R Rauch
for State Traffic Engineer

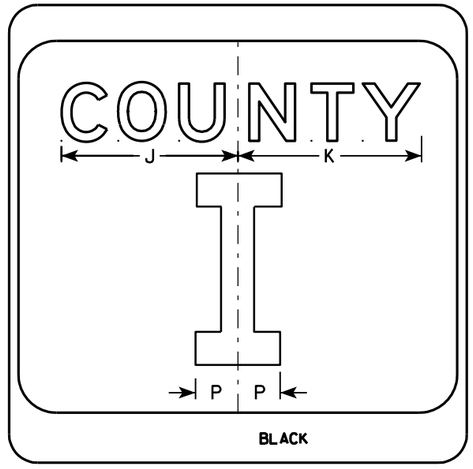
DATE 9/30/09 PLATE NO. G20-2A.8

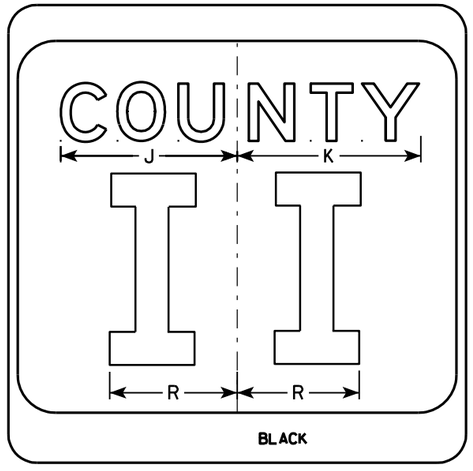
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 431	E



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

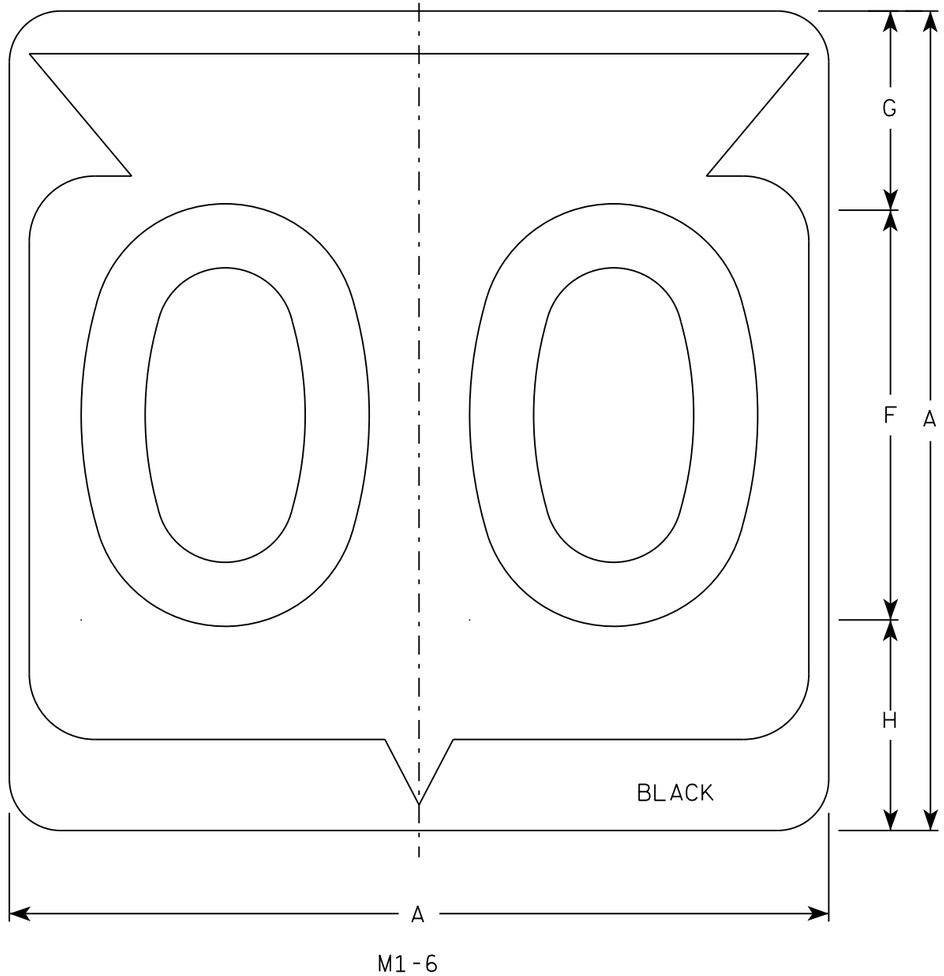
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

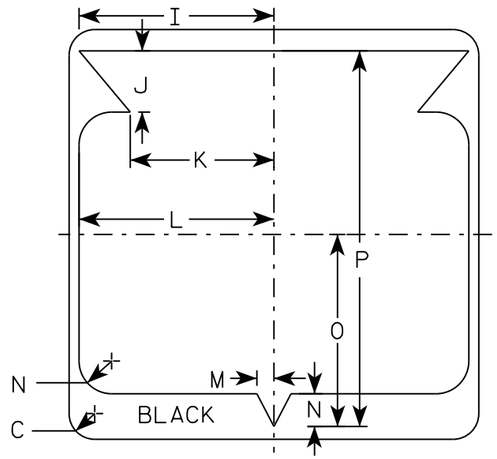
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 432 | E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

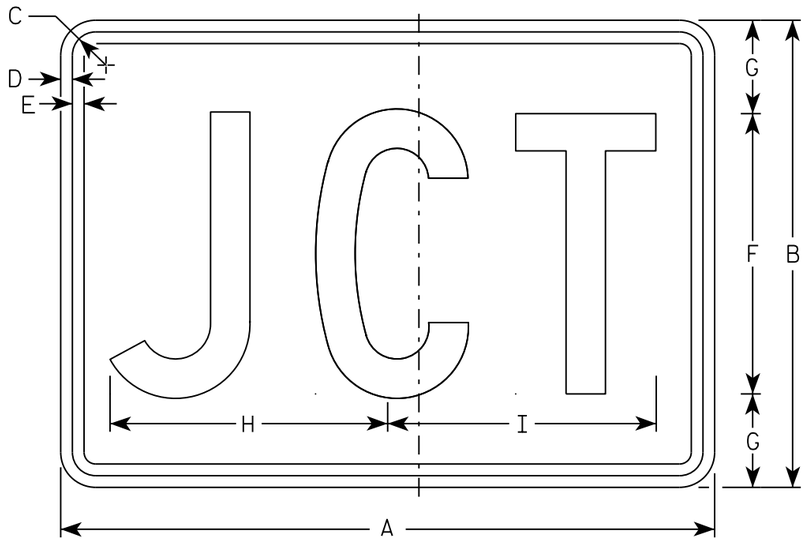
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

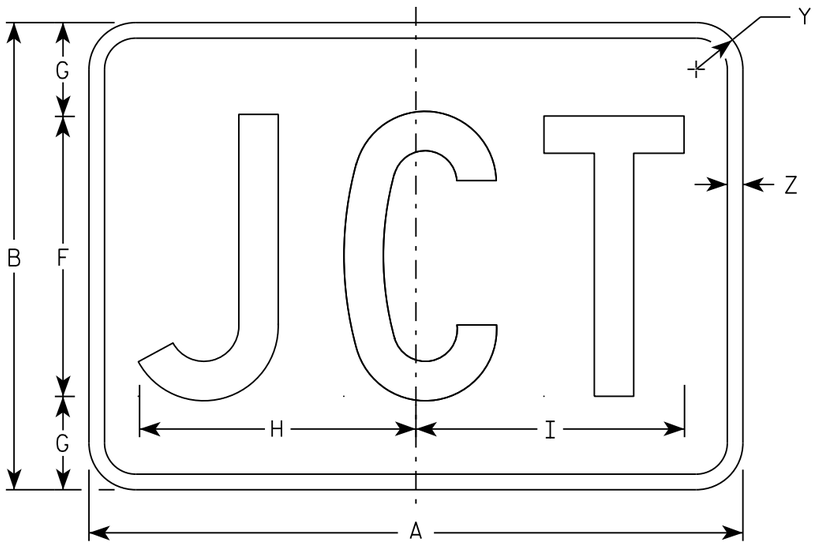
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 433	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

STANDARD SIGN
M2-1

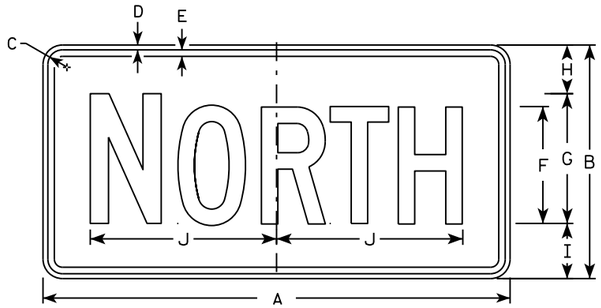
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

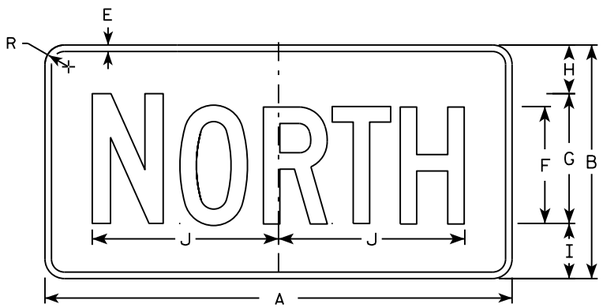
DATE 10/15/15 PLATE 434 12-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M21.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.864603:1.000000



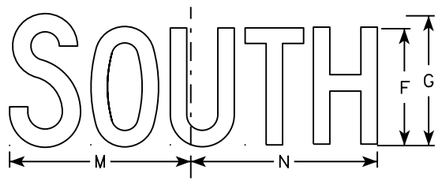
M3-1
MM3-1
MP3-1



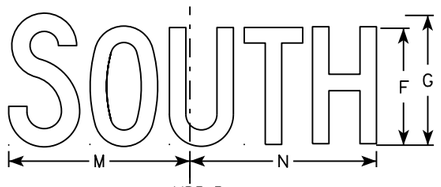
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

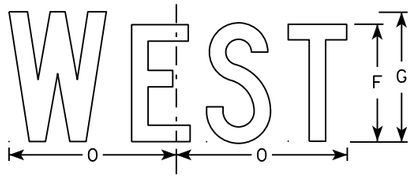
MB3-2
MK3-2
MN3-2



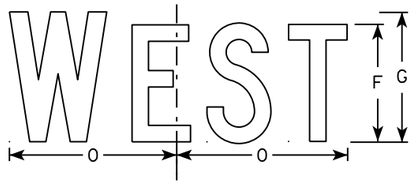
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

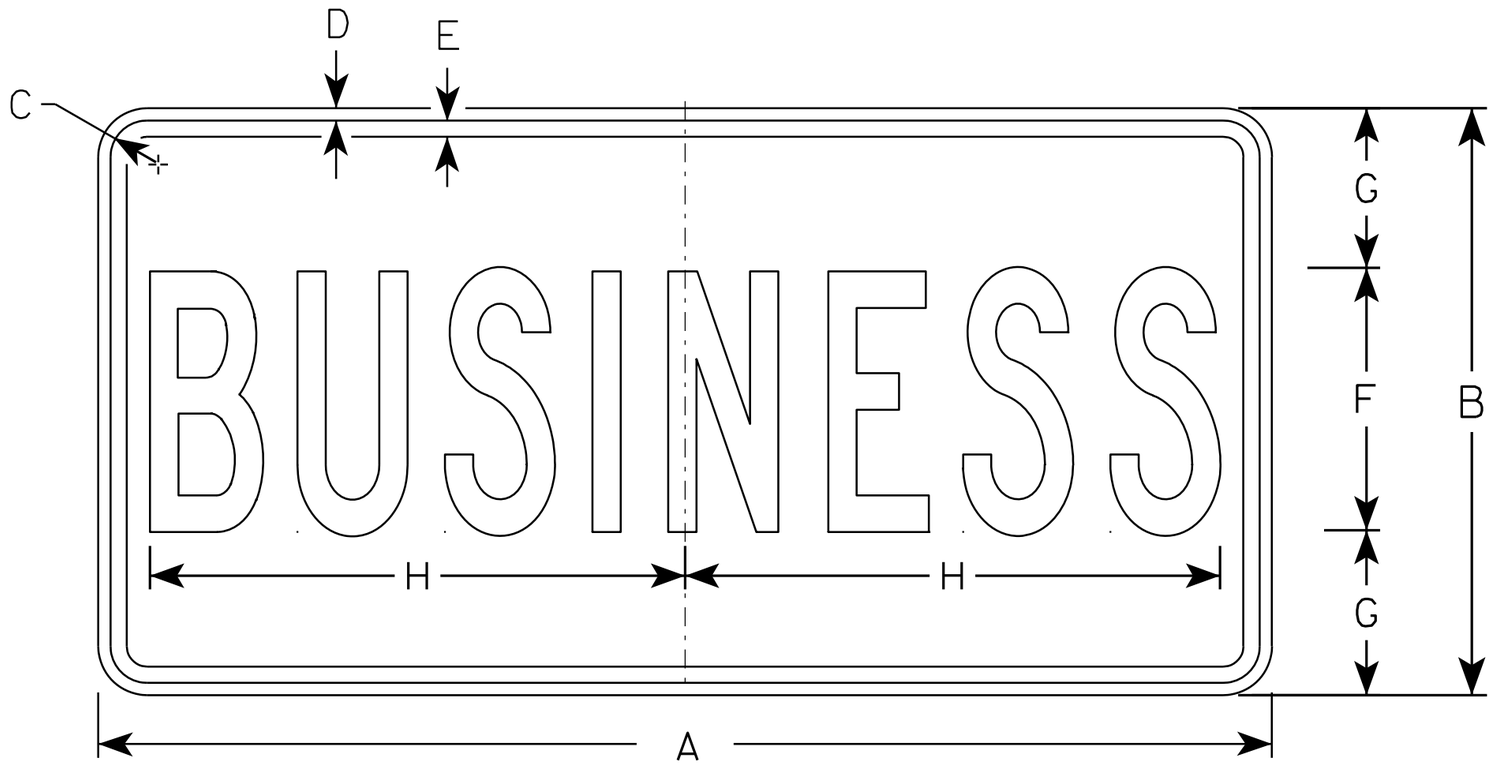
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-3

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White - See Note 5
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Permanent Signs
   Background - Type H Reflective
   Detour or other temporary Signs
   Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	5	3 1/2	9 5/8																			2.0
3	36	18	1 1/8	3/8	1/2	8	5	16 3/8																			4.5
4																											
5																											

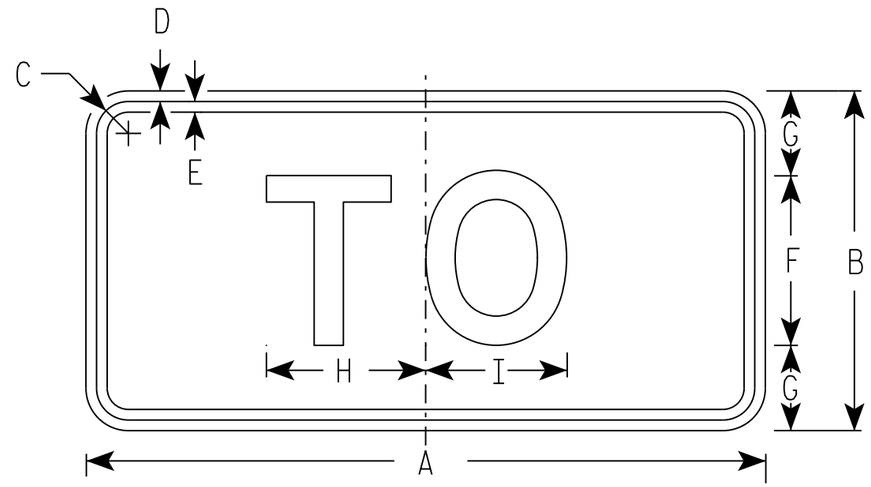
STANDARD SIGN
M4-3

WISCONSIN DEPT OF TRANSPORTATION

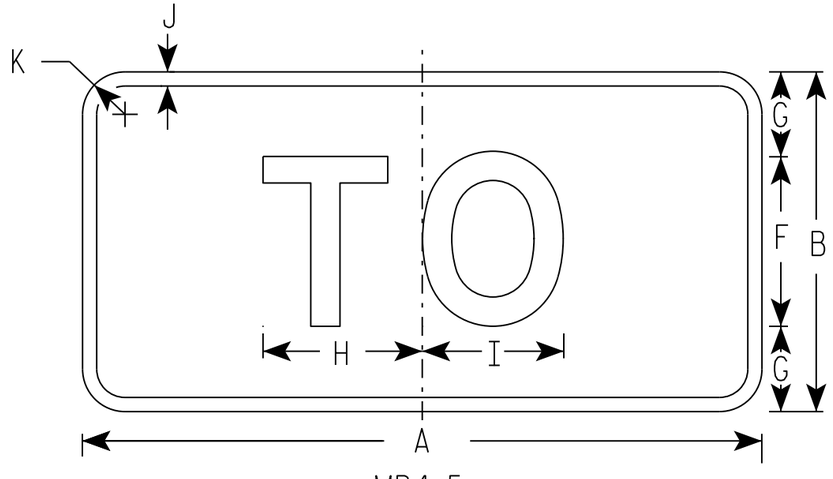
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-3.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 436 | E



M4-5
MM4-5
MP4-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black

   MB4-5 Background - Blue
   Message - White

   MK4-5 Background - Green
   Message - White

   MM4-5 Background - White
   Message - Green

   MN4-5 Background - Brown
   Message - White

   MP4-5 Background - White
   Message - Blue

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	5 3/8	5 1/4	1/2	1 1/2																2.00
3	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
4	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
5	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5

STANDARD SIGN
M4-5

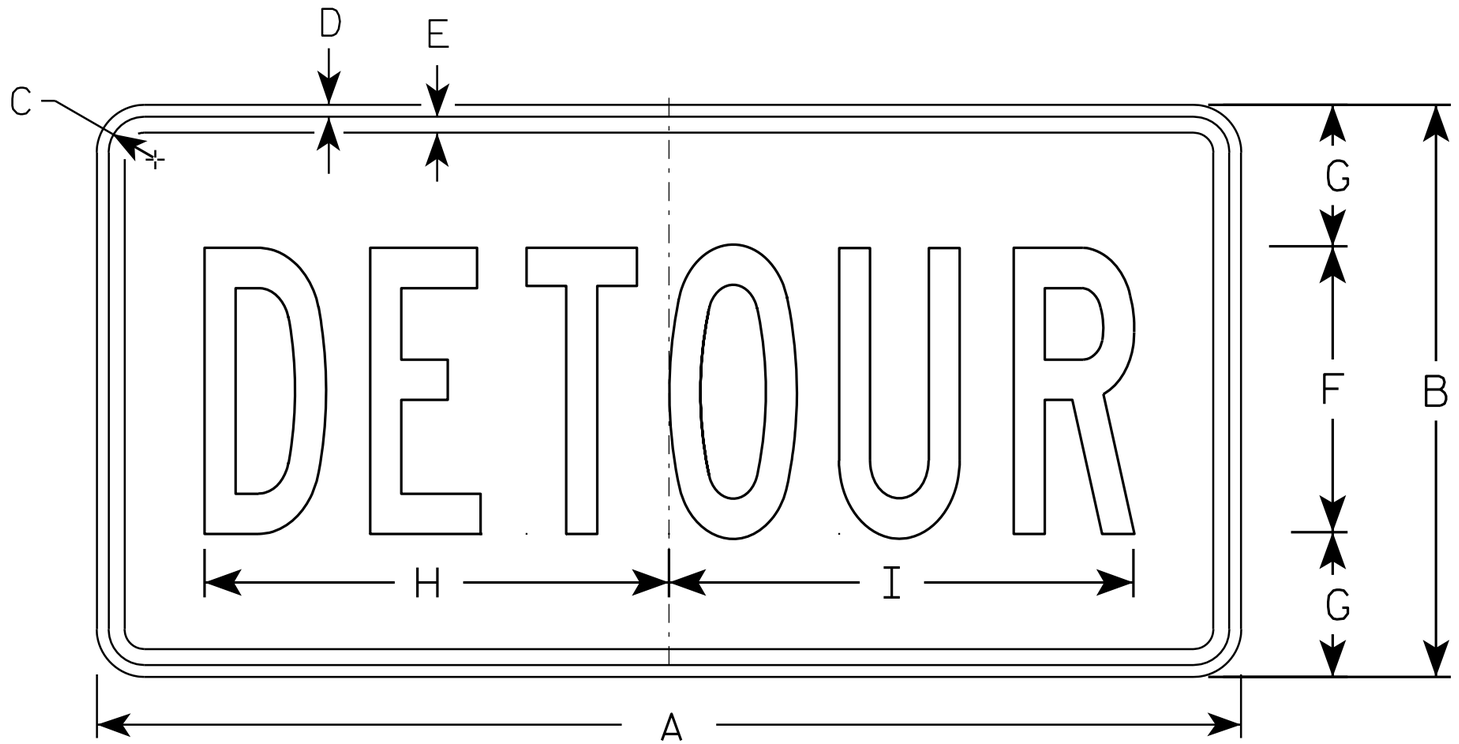
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 437 M4-5.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M45.DGN PLOT DATE : 01-DEC-2015 17:55 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 5.351066:1.000000



M4-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/8	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4																											
5																											

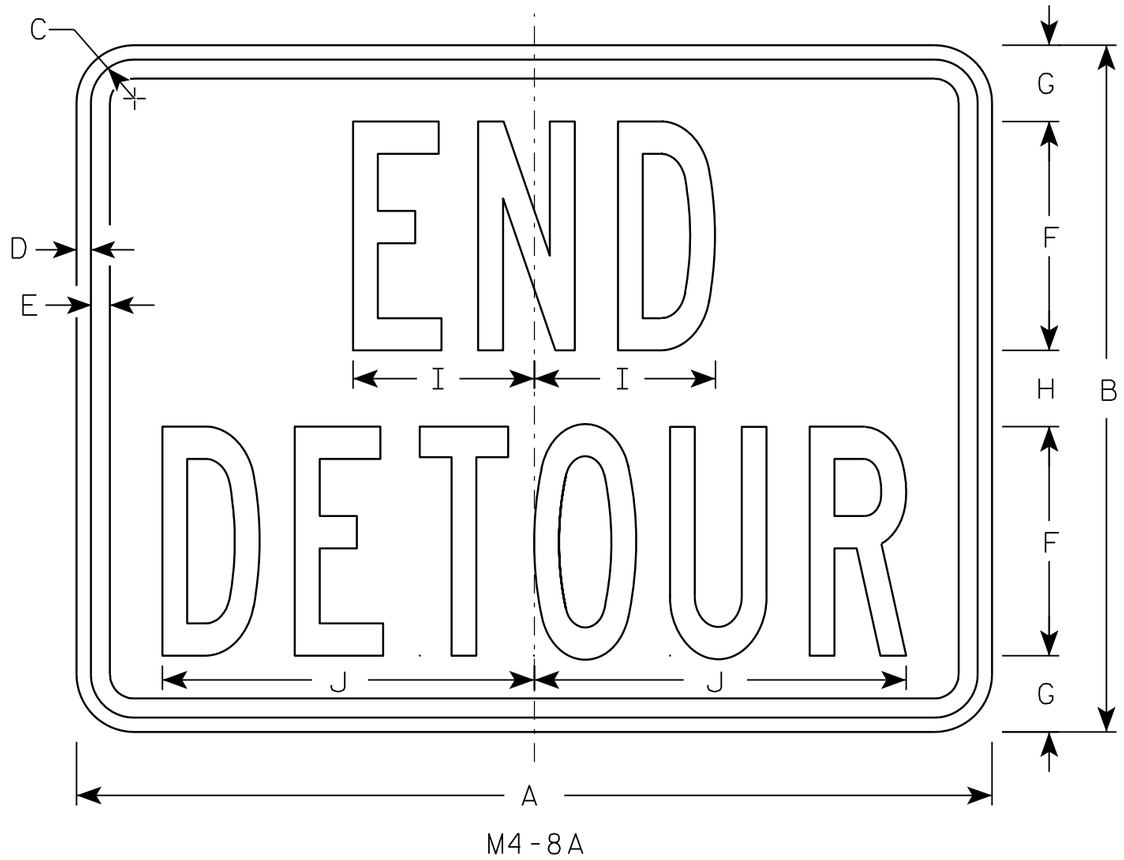
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-8.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 438	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5																											

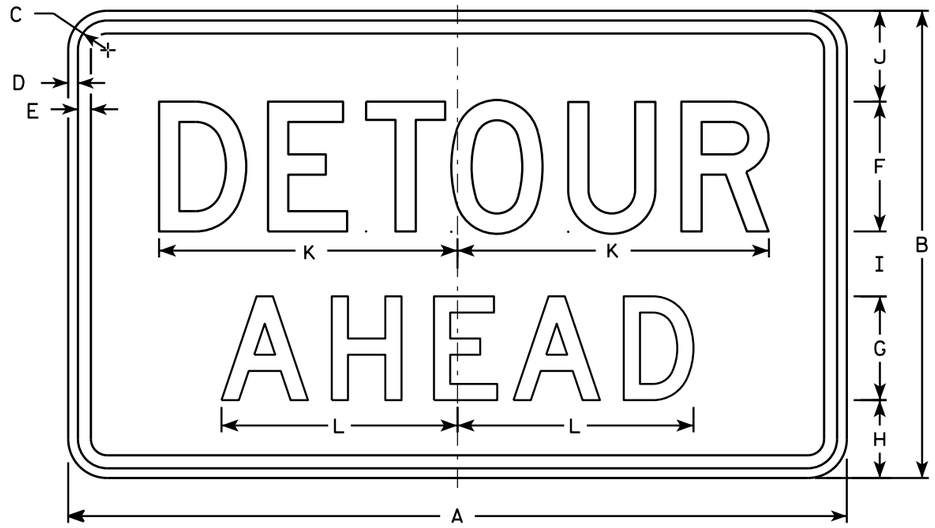
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-8A.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 439	E



M4-9A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	18	1 1/8	3/8	1/2	5	4	3	2 1/2	3 1/2	11 3/4	9 1/8															5.0
3																											
4																											
5																											

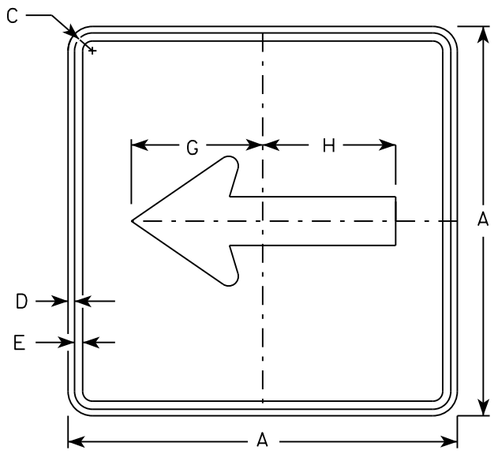
STANDARD SIGN
M4-9A

WISCONSIN DEPT OF TRANSPORTATION

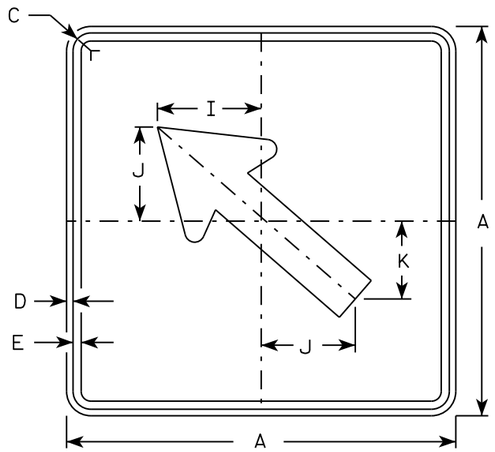
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/16 PLATE 440 ``4-9A.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



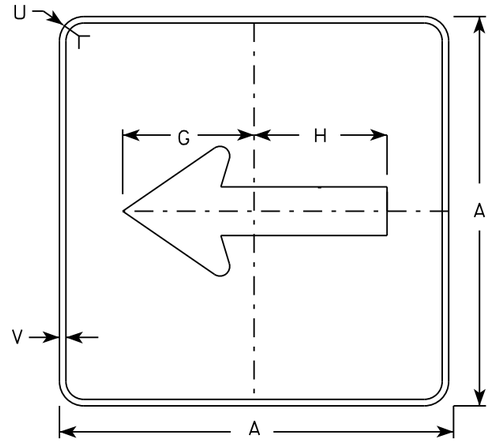
M6-1
MM6-1
MO6-1
MP6-1



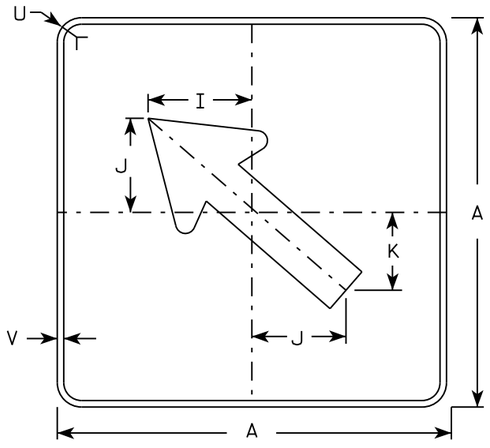
M6-2
MM6-2
MO6-2
MP6-2

NOTES

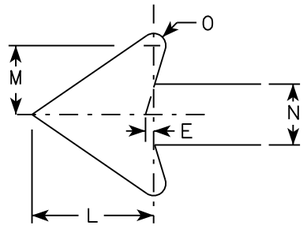
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

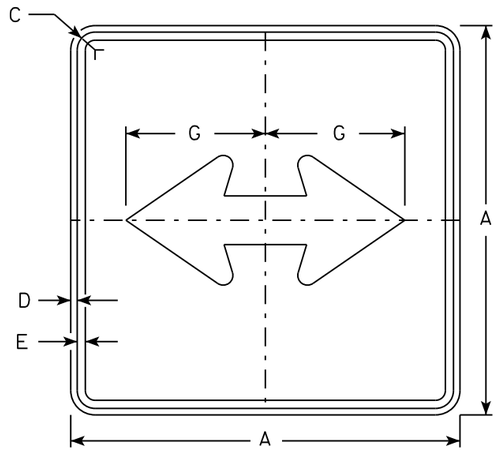
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

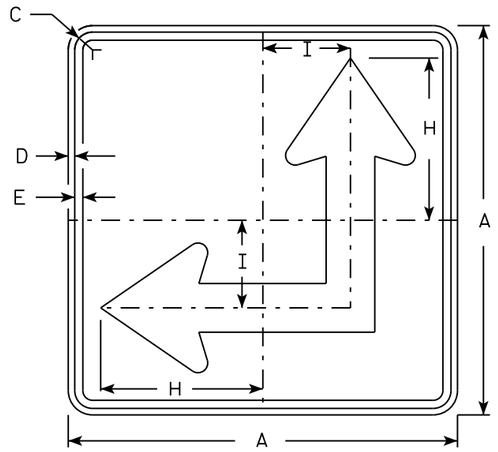
DATE 10/15/15 PLATE 441 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



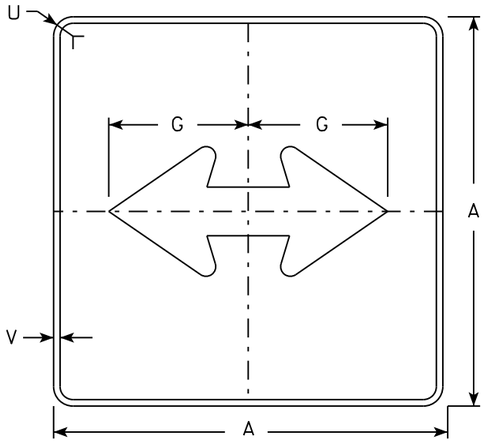
M6-4
MM6-4
MO6-4
MP6-4



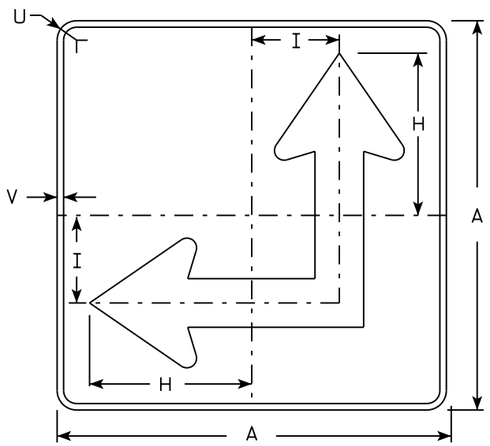
M6-6
MM6-6
MO6-6
MP6-6

NOTES

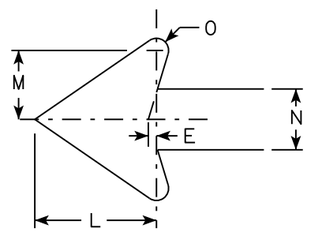
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.



MB6-4
MK6-4
MN6-4
MR6-4



MB6-6
MK6-6
MN6-6
MR6-6



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

STANDARD SIGN
M6-4 & M6-6
SERIES

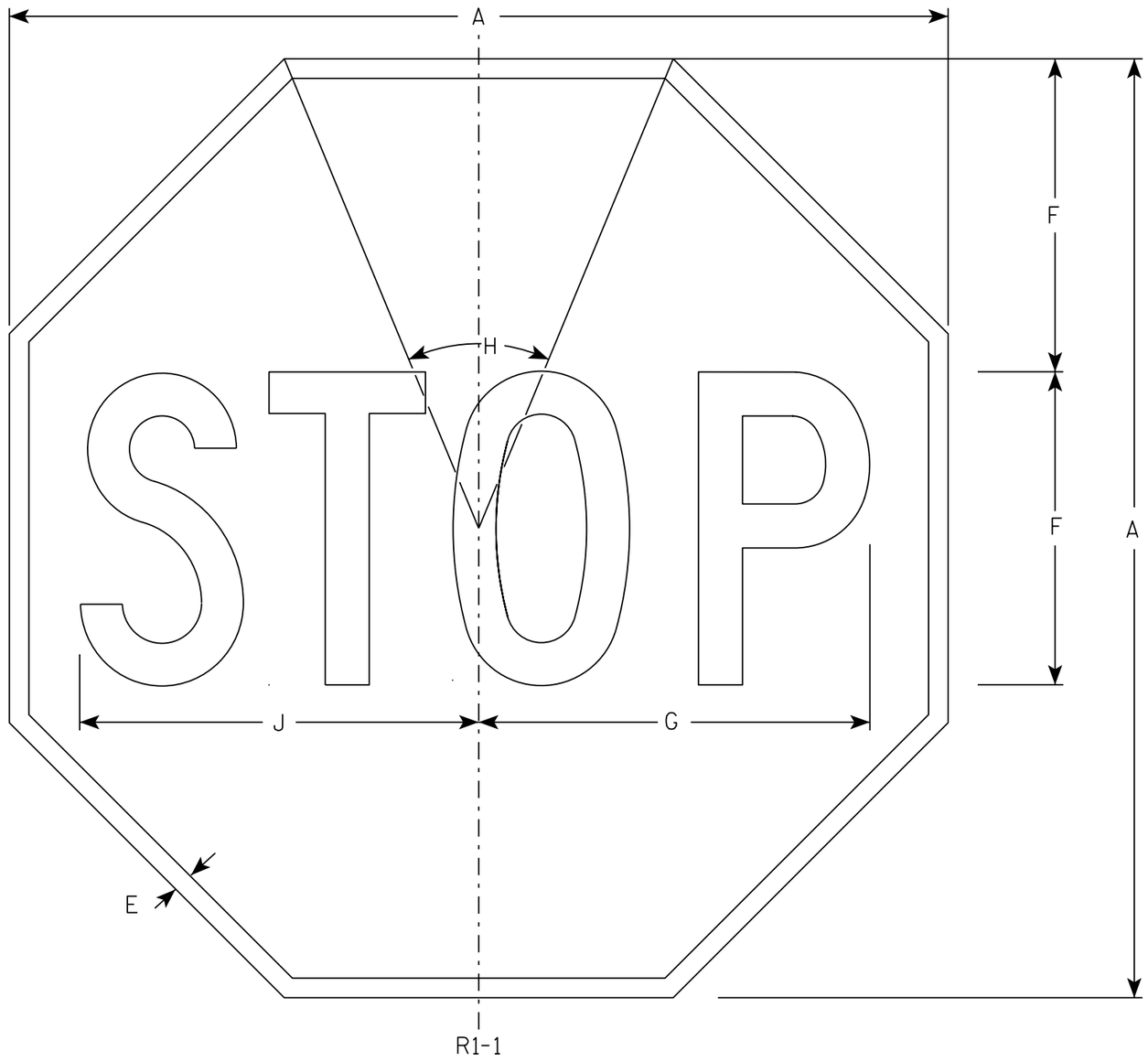
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 10/15/15 PLATE 442 M6-4.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M64.DGN PLOT DATE : 01-DEC-2015 17:58 PLOT BY : $$ platuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

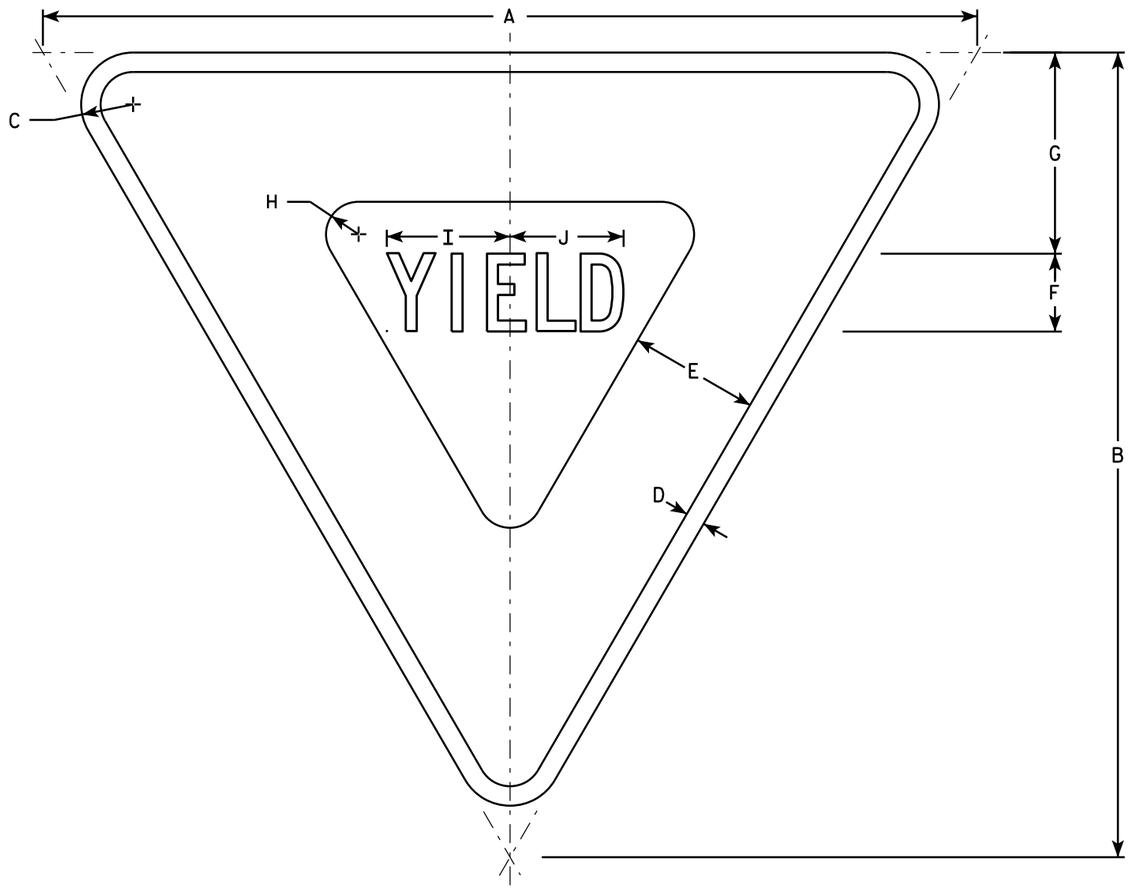
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 443	E



R1-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. The border strip and word message are reflectorized red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

STANDARD SIGN
R1-2

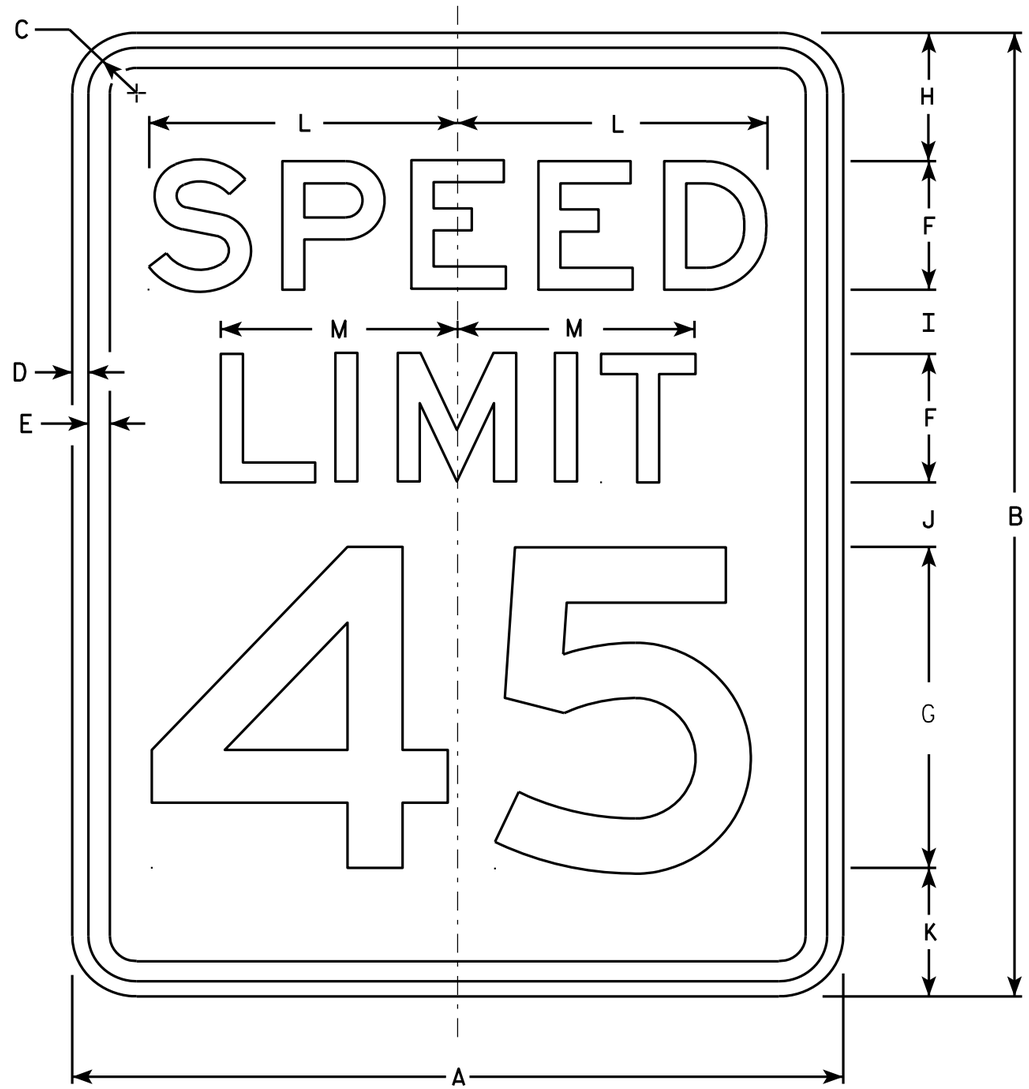
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/13/14 PLATE R1-2.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R12.DGN PLOT DATE : 13-OCT-2014 15:12 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.837526:1.000000
WISDOT/CADDS SHEET 42



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

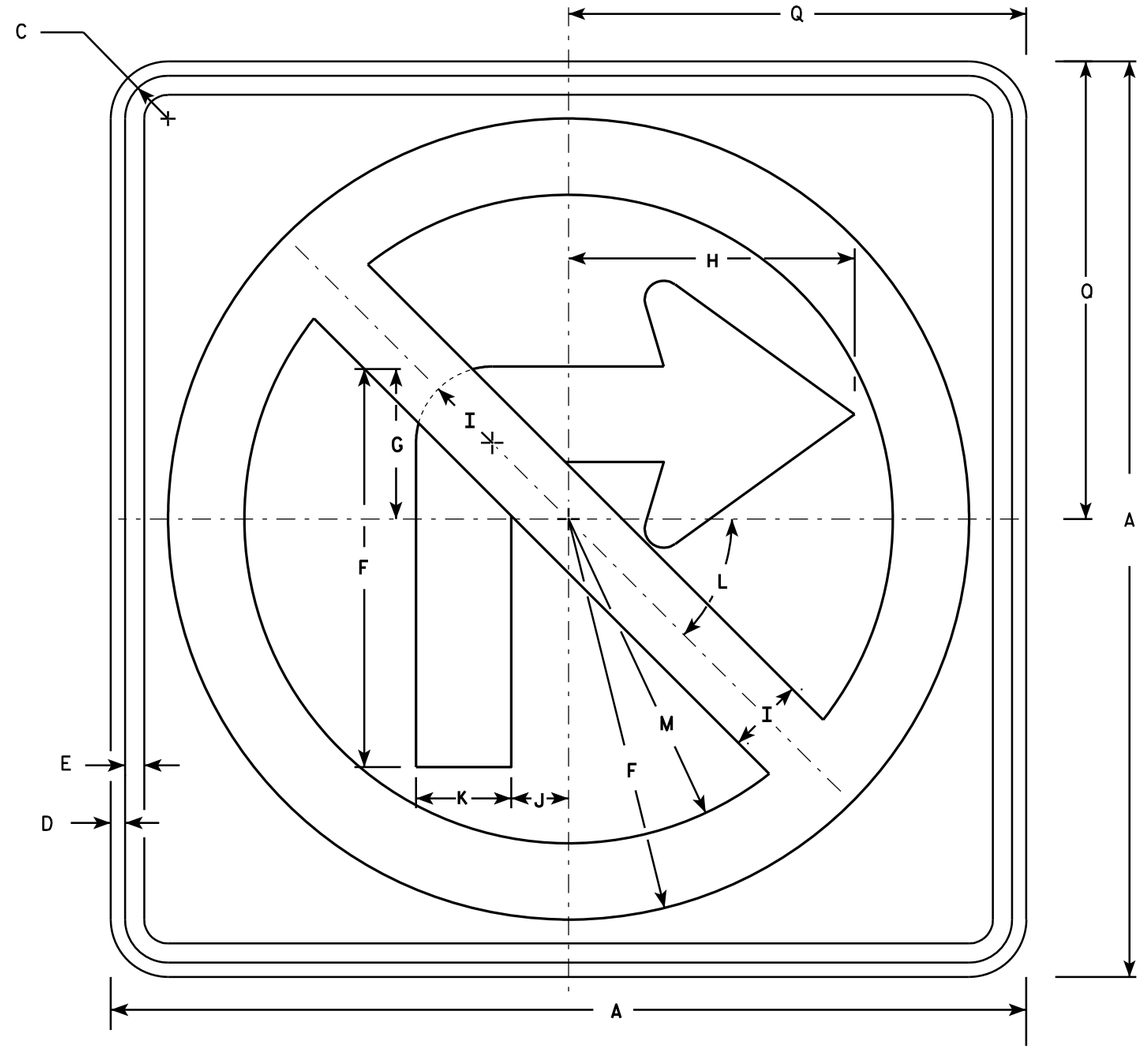
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

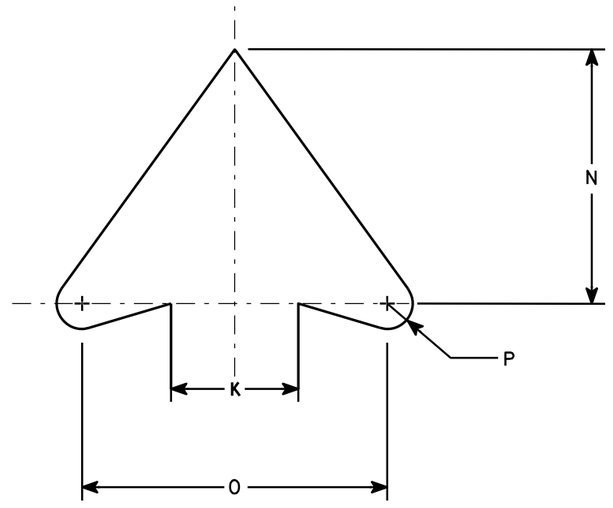
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 445	E



R3-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2	5	6	1/2	12										4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2	12										4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

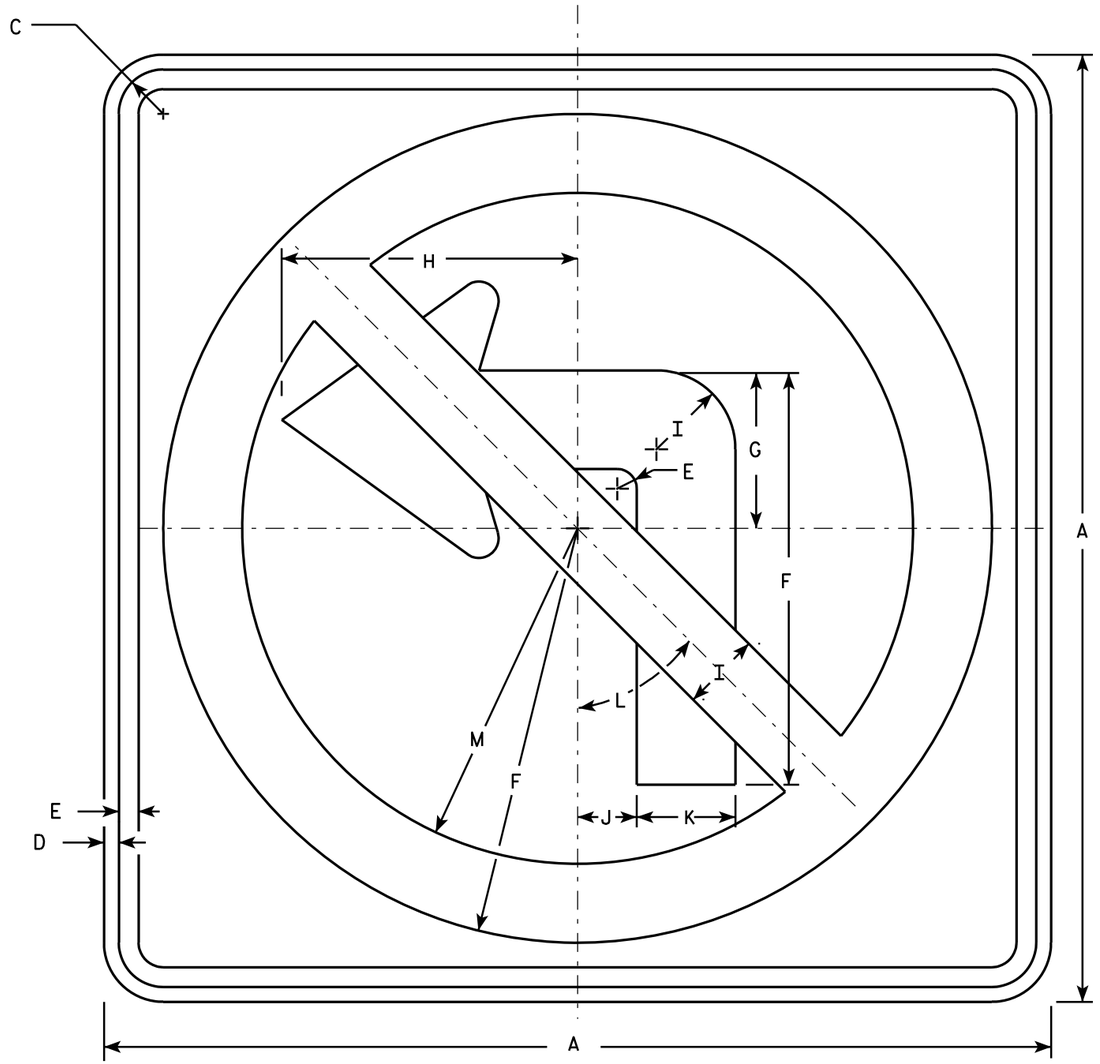
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-1.5

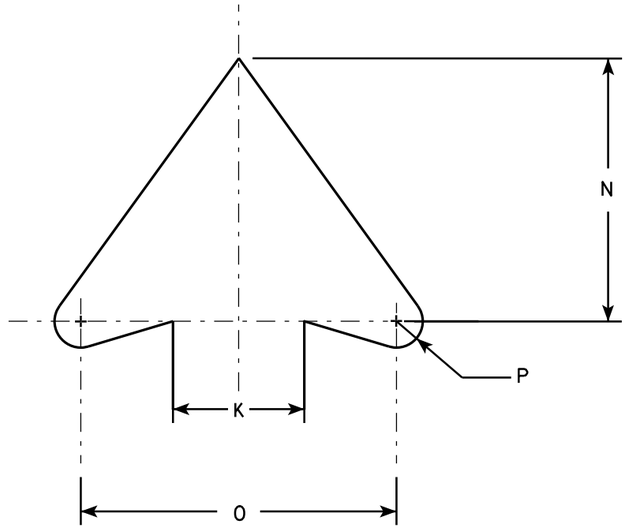
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 446	E



R3-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

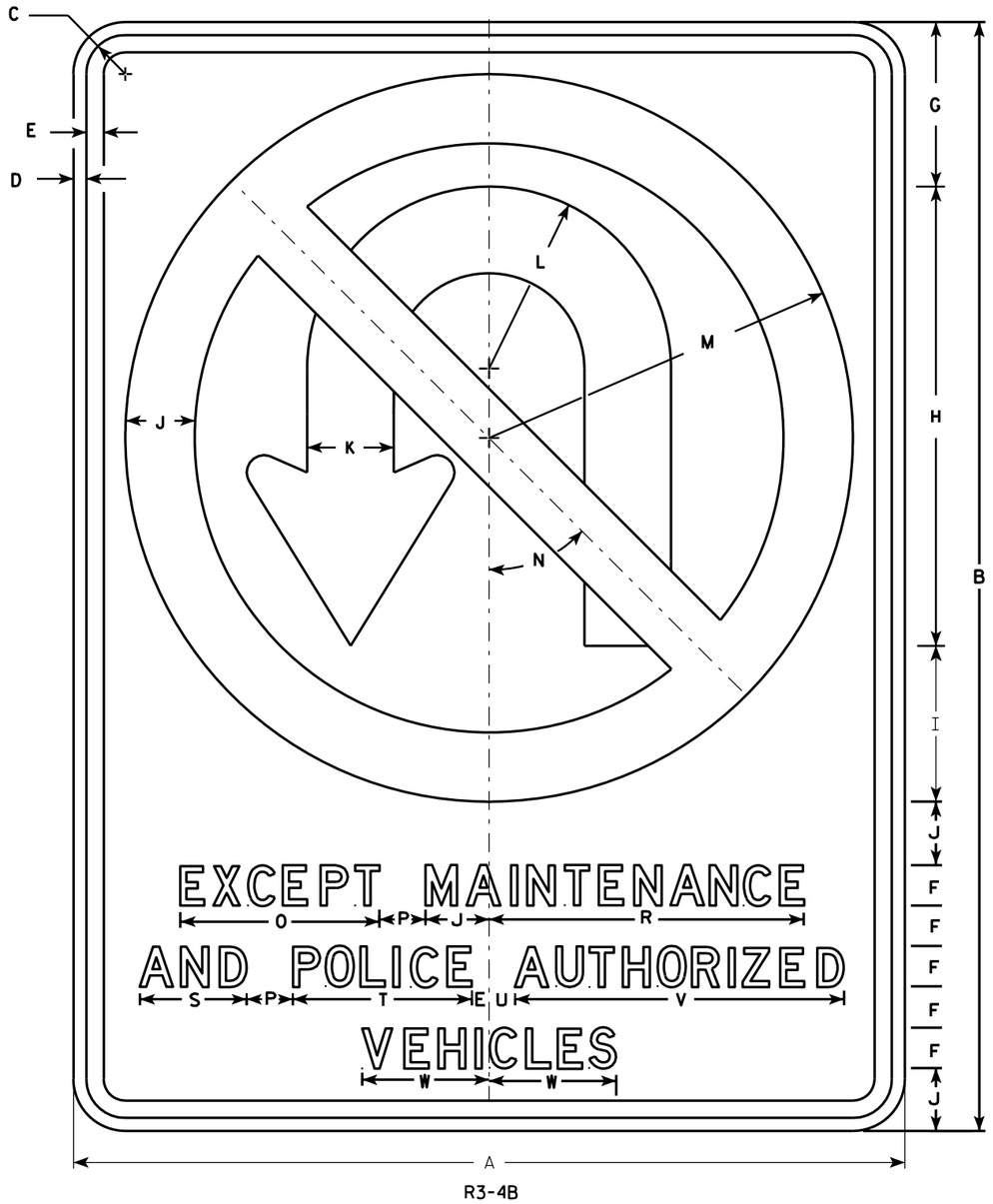
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-2.10

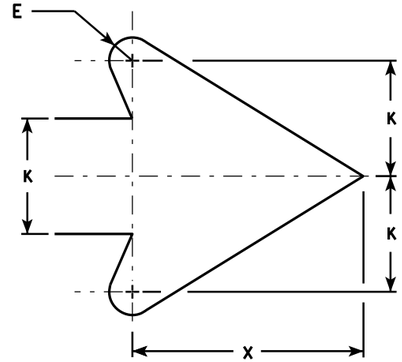
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 447	E



R3-4B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	36	48	1 5/8	5/8	3/4	1 3/4	7 1/8	19 7/8	6 3/4	2 3/4	3 3/4	7 7/8	15 3/4	45°	8 5/8	2		13 5/8	4 5/8	7 3/4	1 1/8	14 1/4	5 1/2	7 5/8			12.0
5	36	48	1 5/8	5/8	3/4	1 3/4	7 1/8	19 7/8	6 3/4	2 3/4	3 3/4	7 7/8	15 3/4	45°	8 5/8	2		13 5/8	4 5/8	7 3/4	1 1/8	14 1/4	5 1/2	7 5/8			12.0

STANDARD SIGN
R3-4B

WISCONSIN DEPT OF TRANSPORTATION

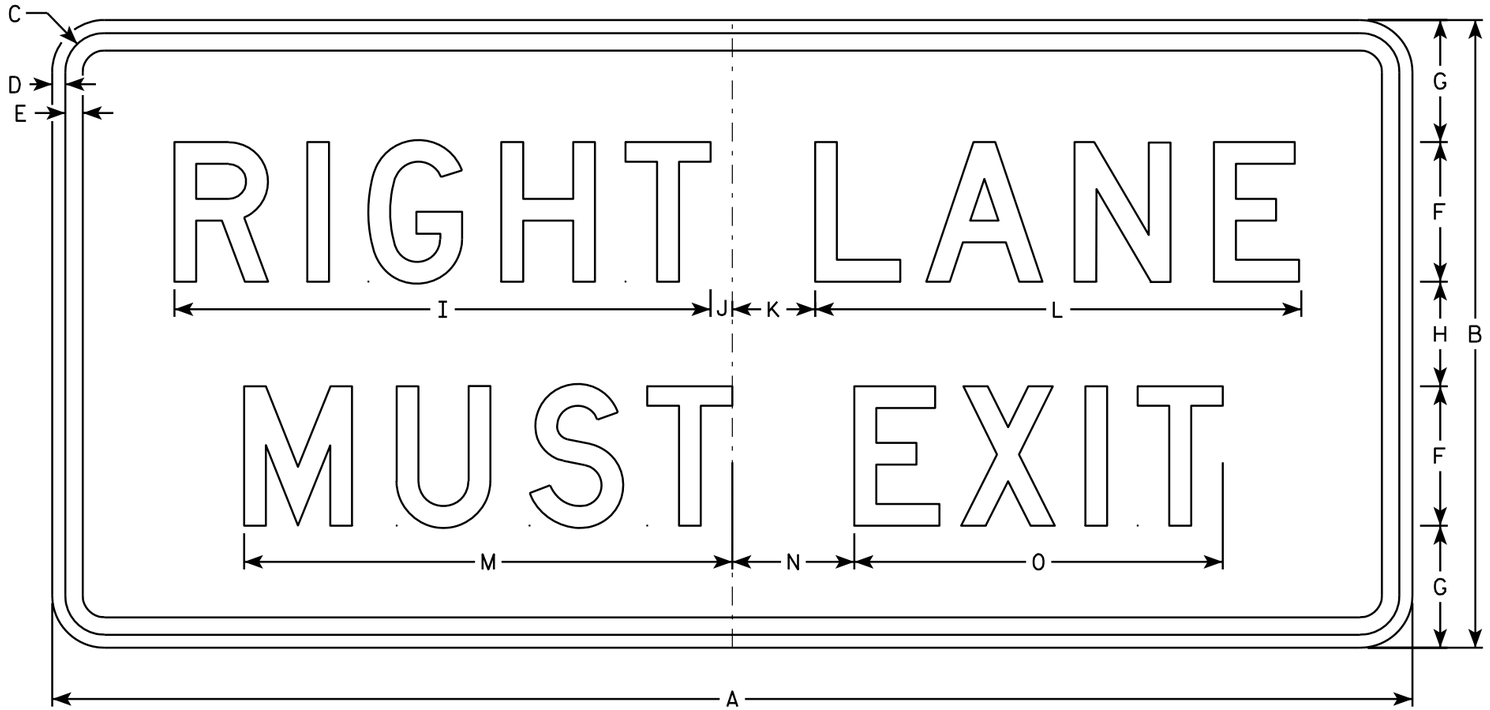
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/17/2011 PLATE NO. R3-4B.2

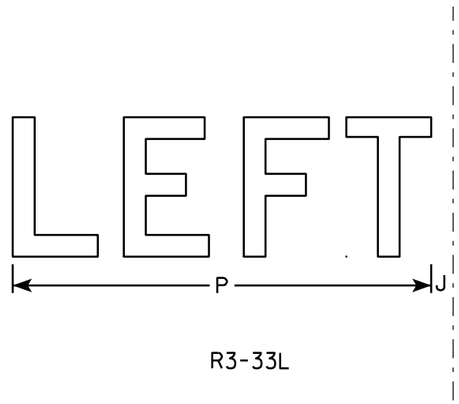
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 448	E

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R3-33R



R3-33L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	78	36	2 1/4	3/4	1	8	7	6	30 3/4	1 1/4	4 3/4	27 7/8	28	7	21 1/8	24											19.5
5	78	36	2 1/4	3/4	1	8	7	6	30 3/4	1 1/4	4 3/4	27 7/8	28	7	21 1/8	24											19.5

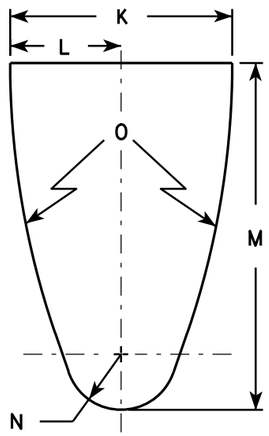
STANDARD SIGN
R3-33

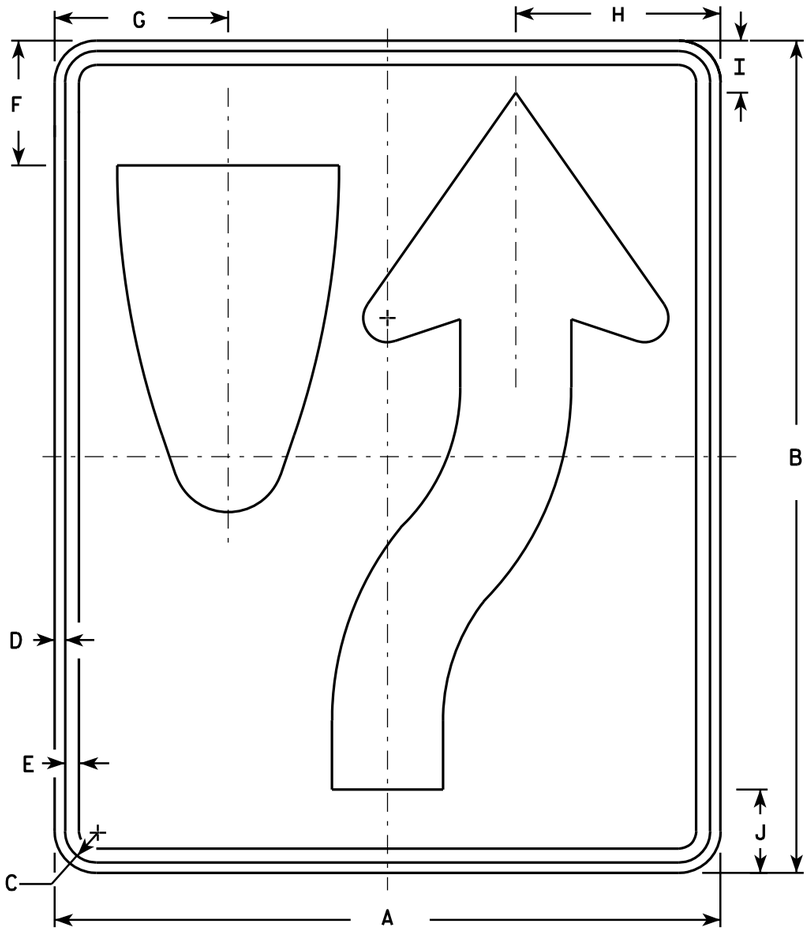
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/7/10 PLATE NO. R3-33.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 449 | E

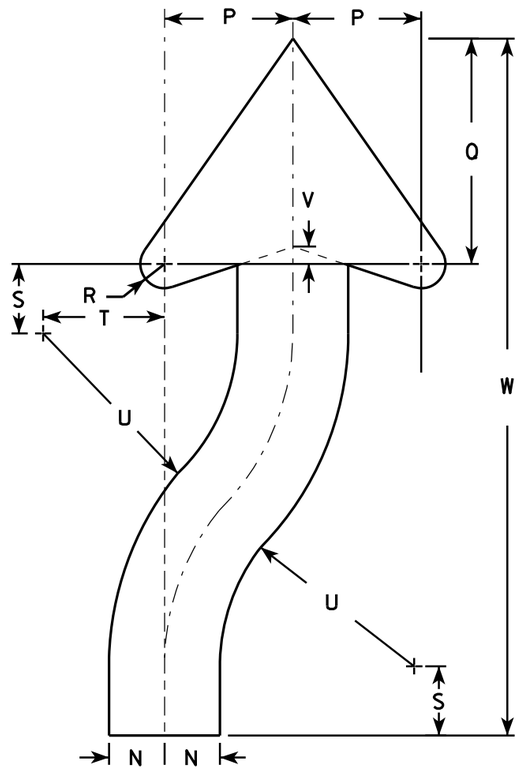




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

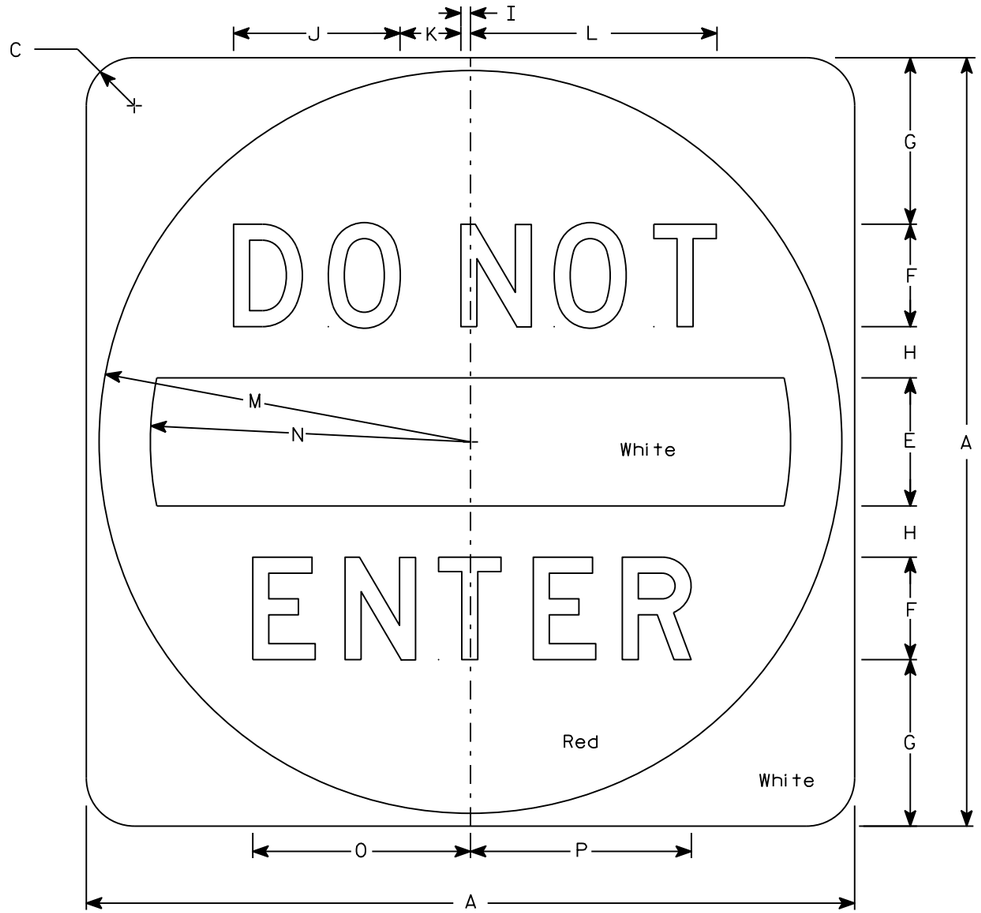
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 450	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

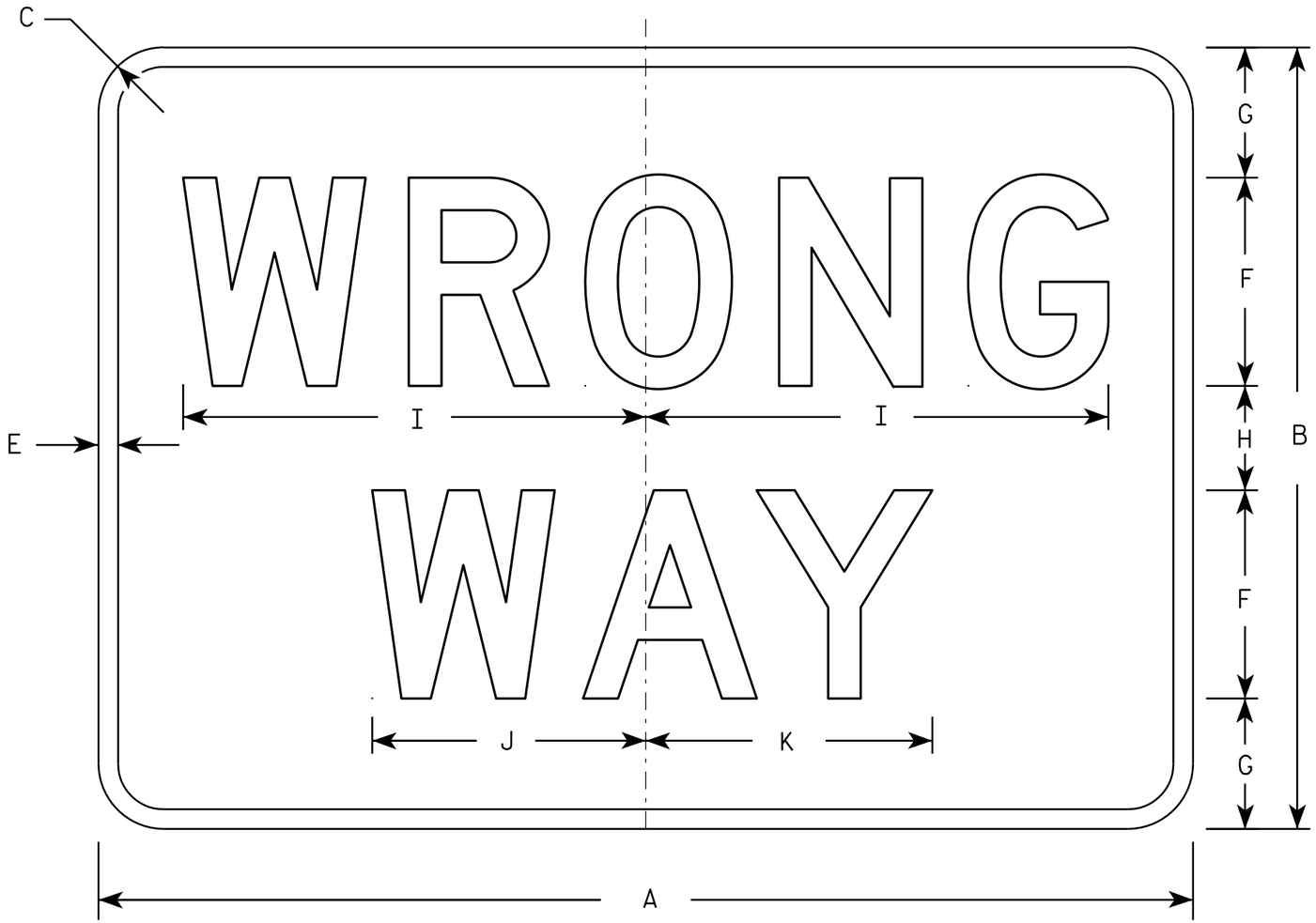
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 451 | E



R5-1A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

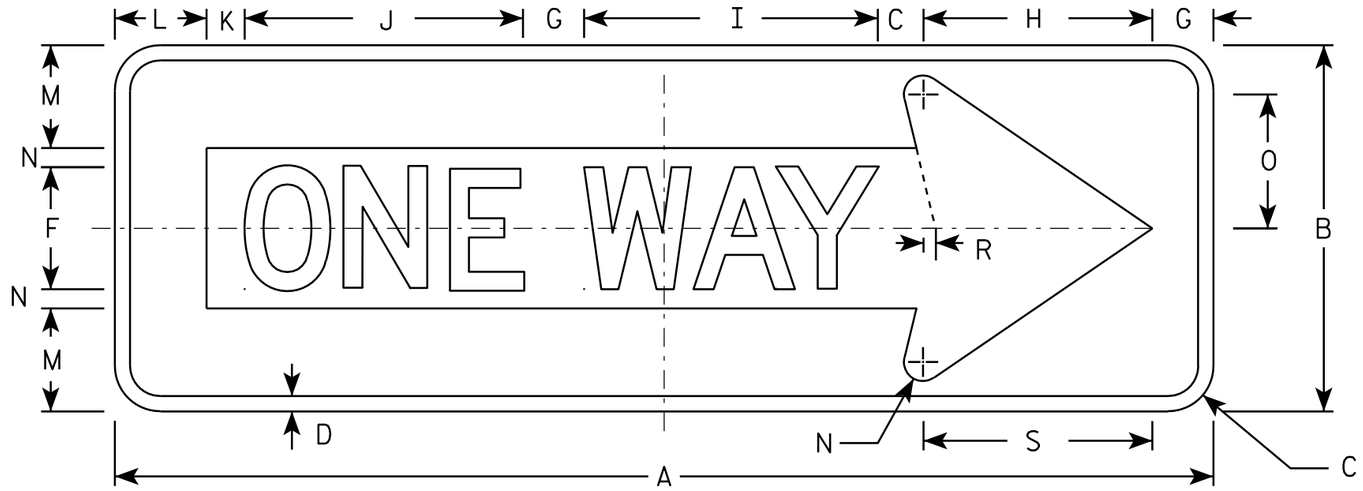
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

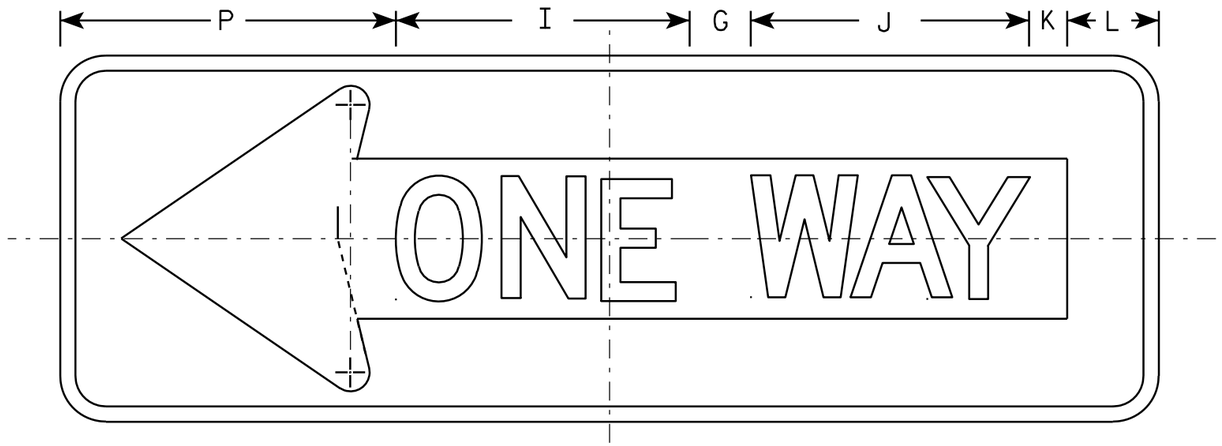
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 452 | E



R6-1R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - BLACK
   Message - BLACK LEGEND & WHITE ARROW & BORDER
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-1L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	12	1 ½	½		4	2	7 ½	9 ⅝	9 ⅛	1 ¼	3	3 ⅜	⅝	4 ⅜	11		⅜	7 ½								3.0
2M	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
3	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
4	54	18	2 ¼	¾		6	3	11 ¼	14 ½	13 ⅝	1 ⅞	4 ½	5	1	6 ½	16 ½		⅝	11 ¼								6.75
5																											

STANDARD SIGN
R6-1 L & R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R6-1.2

PROJECT NO:

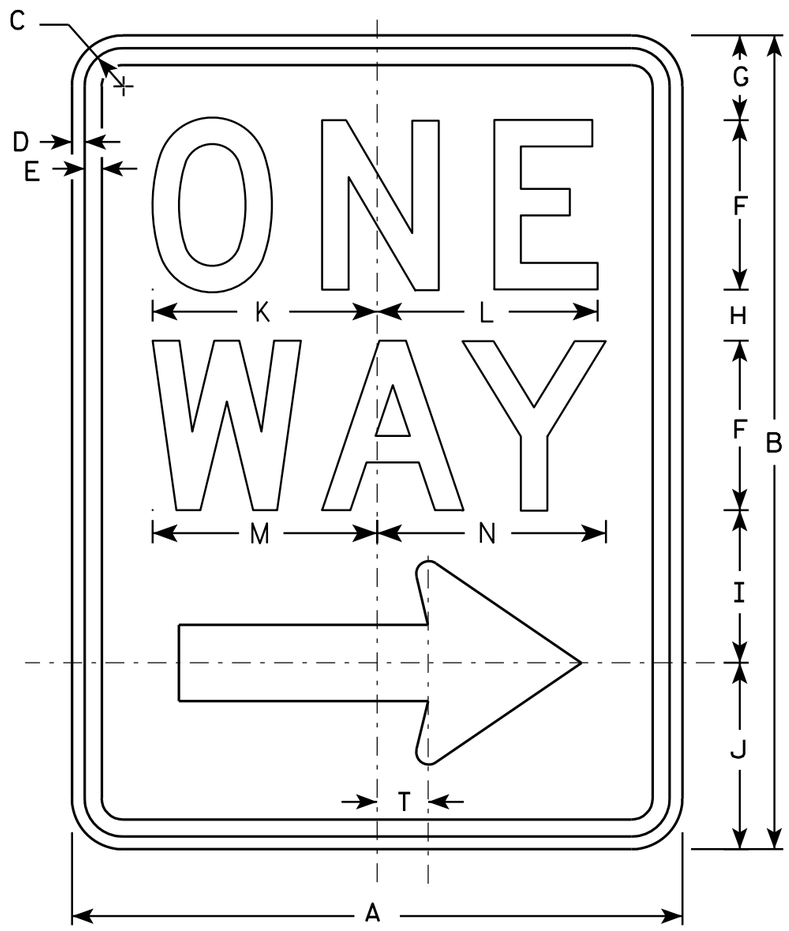
SHEET NO: 453 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R61.DGN PLOT DATE : 17-DEC-2010 14:11 PLOT BY : dotsja

WISDOT/CADDS SHEET 42

7

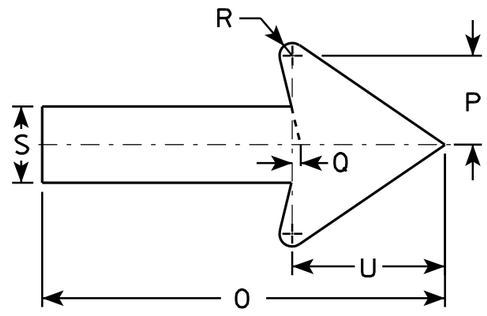
7



R6-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

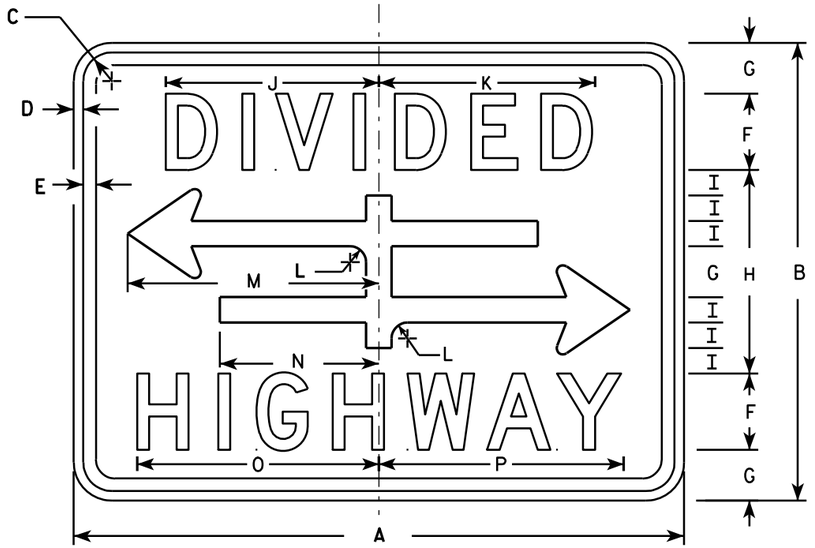
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

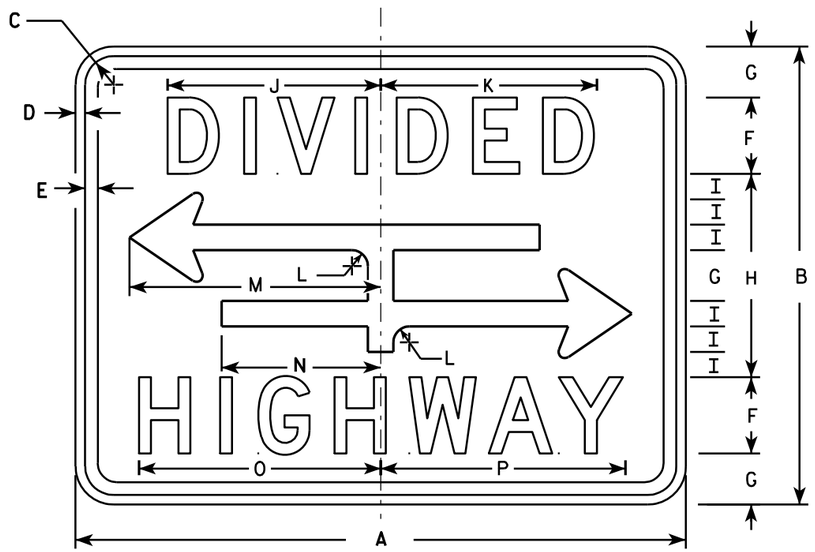
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 454	E



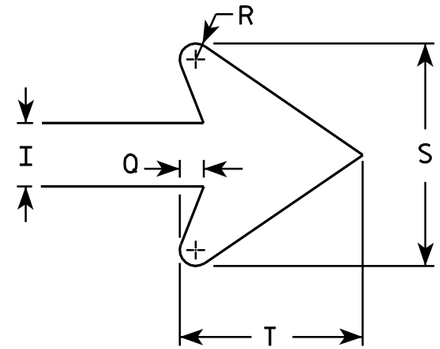
R6-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-3A



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	18	1 1/8	3/8	3/8	3	2	8	1	8 3/8	8 1/2	5/8	9 7/8	6 1/4	9 1/2	9 5/8	3/8	1/4	3 1/2	2 3/4							3.0
2S	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
2M	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
3																											
4																											
5																											

STANDARD SIGN
R6-3 & R6-3A

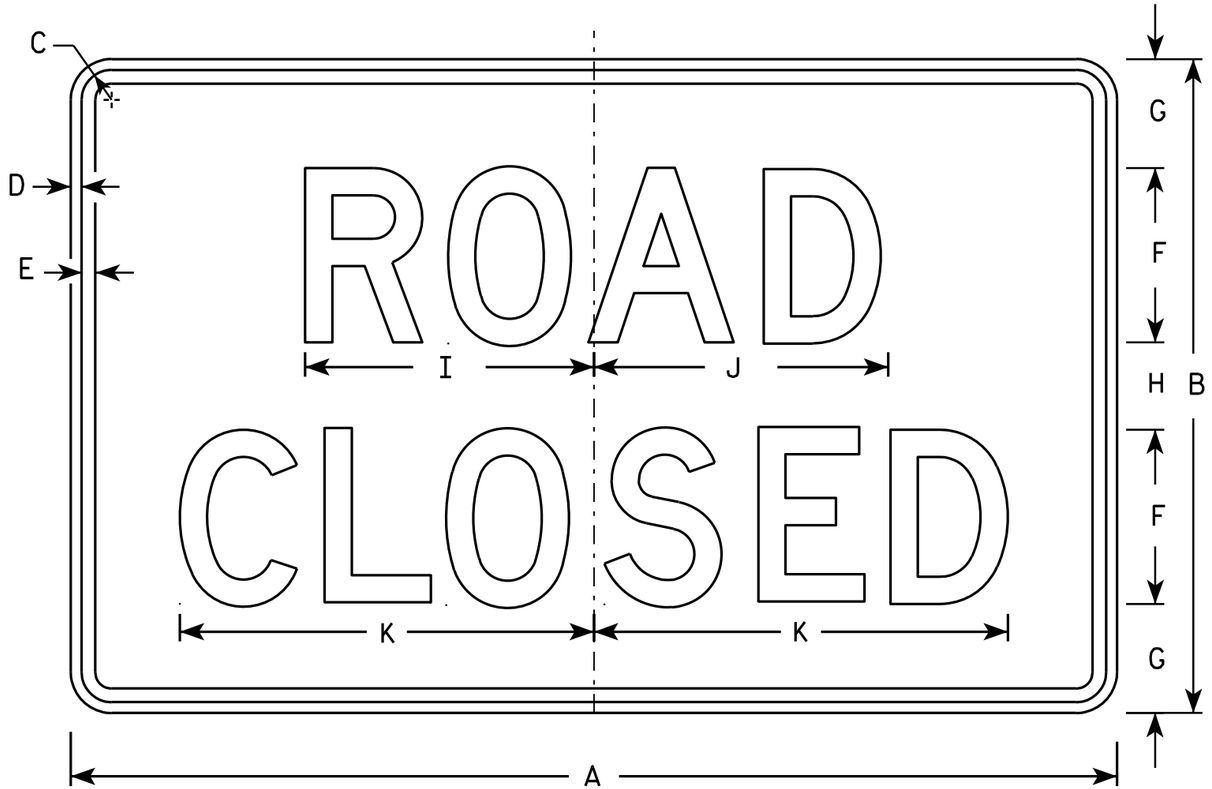
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R6-3.5

PROJECT NO:

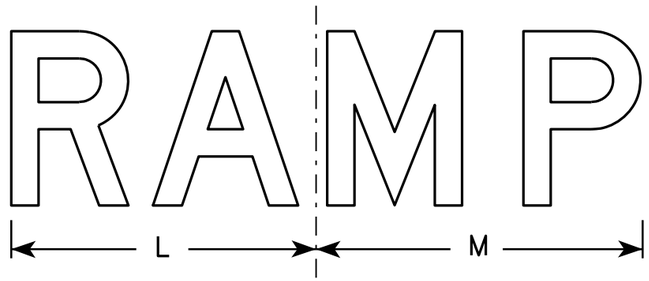
SHEET NO: 455 E



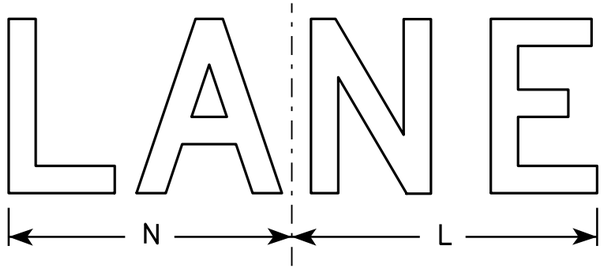
R11-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0

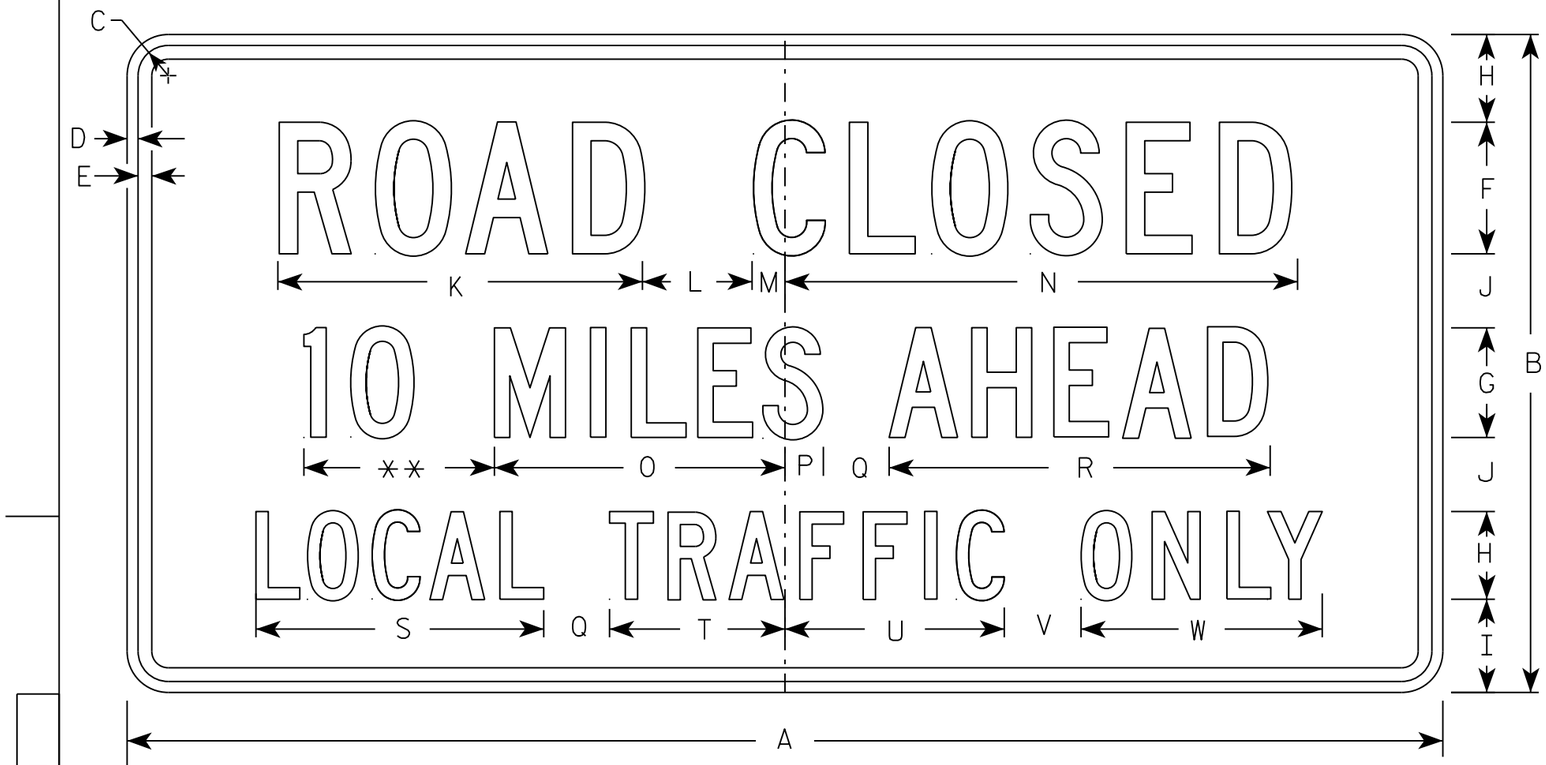
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

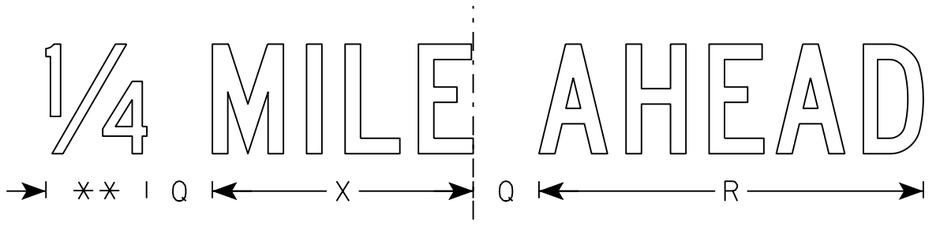
DATE 4/1/11 PLATE NO. R11-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 456	E



R11-3

** See Note 5



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 3/8	1/2	5/8	4	3	2 1/2	2	2	11 1/8	3	1 1/8	15 1/4	8	1 1/2	2	10 3/4	8 3/8	4 3/4	6 1/2	2	6 3/4	7 1/8			4.5
2S	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
3																											
4																											
5																											

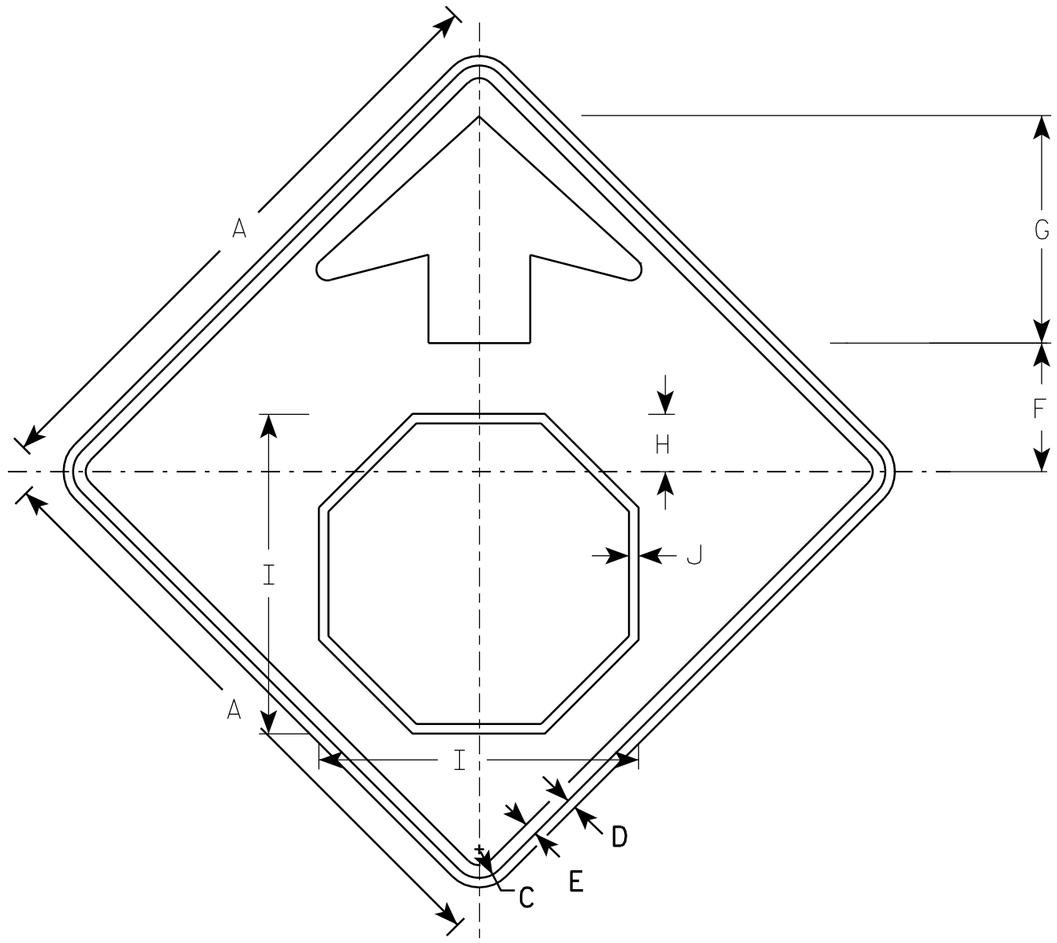
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/17 PLATE NO. R11-3.8

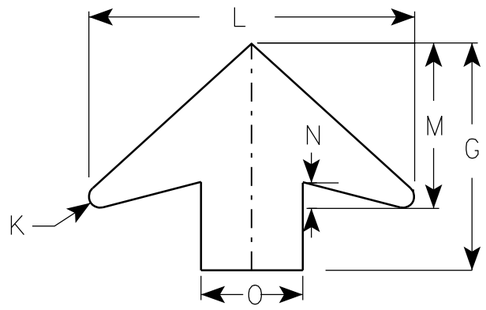
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 457	E



W3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

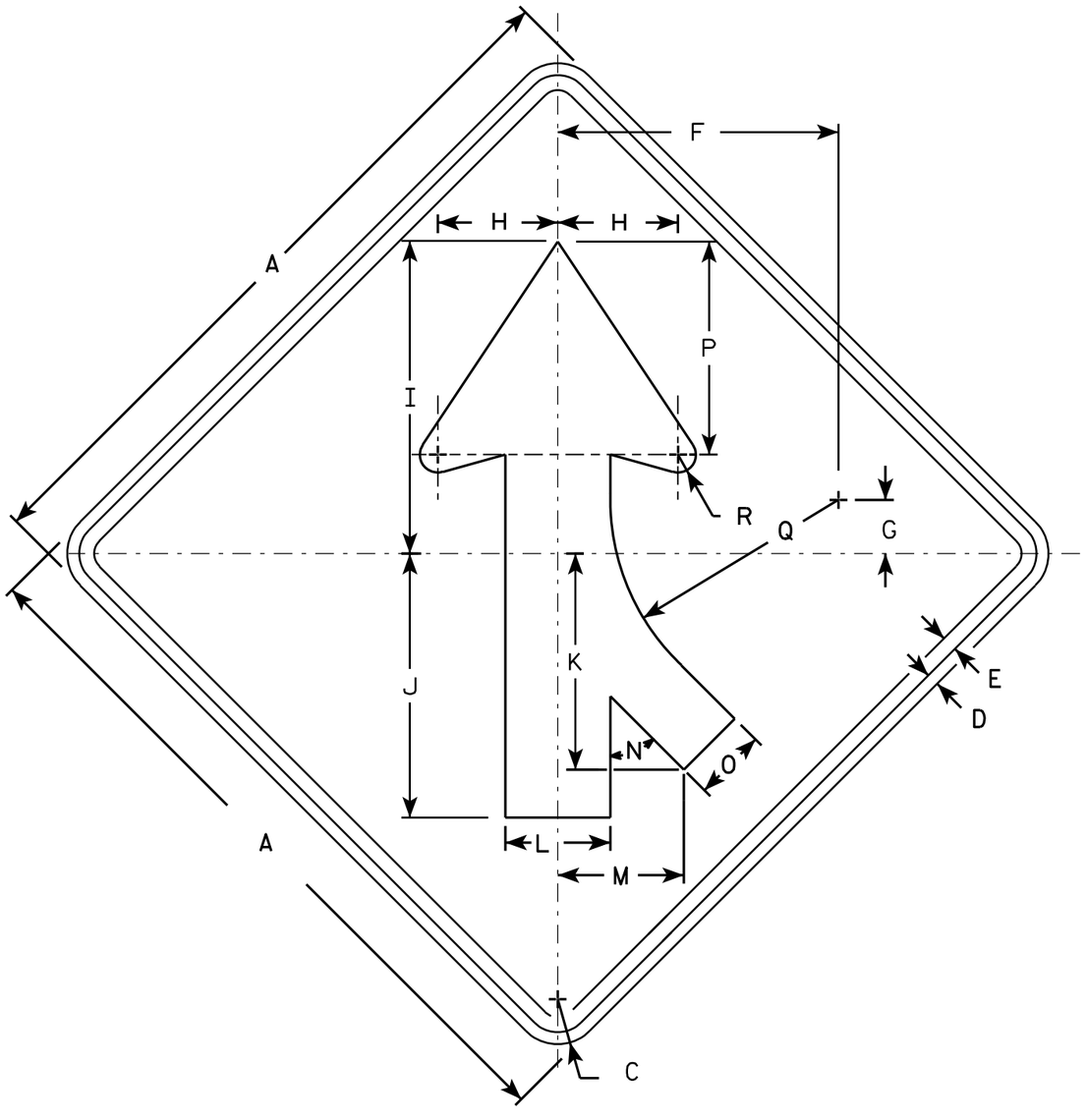
SHEET NO: 458 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W31.DGN PLOT DATE : 07-JUN-2010 12:59 PLOT BY : ditjph

WISDOT/CADDS SHEET 42

7

7



W4-1 R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-1L is the same as W4-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	11 5/8	2 1/2	5	13	11	9	4 3/8	5 1/4	45°	3	8 7/8	9 1/2	3/4									6.25
2S	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2M	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
3	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

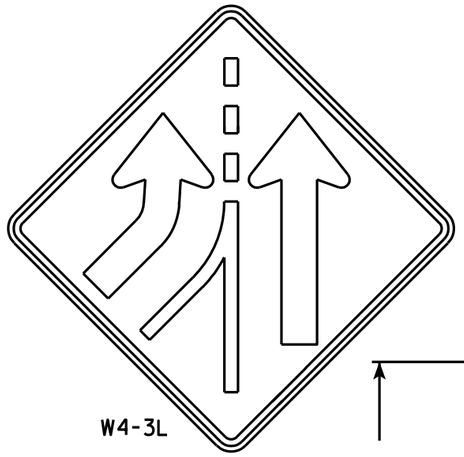
STANDARD SIGN
W4-1

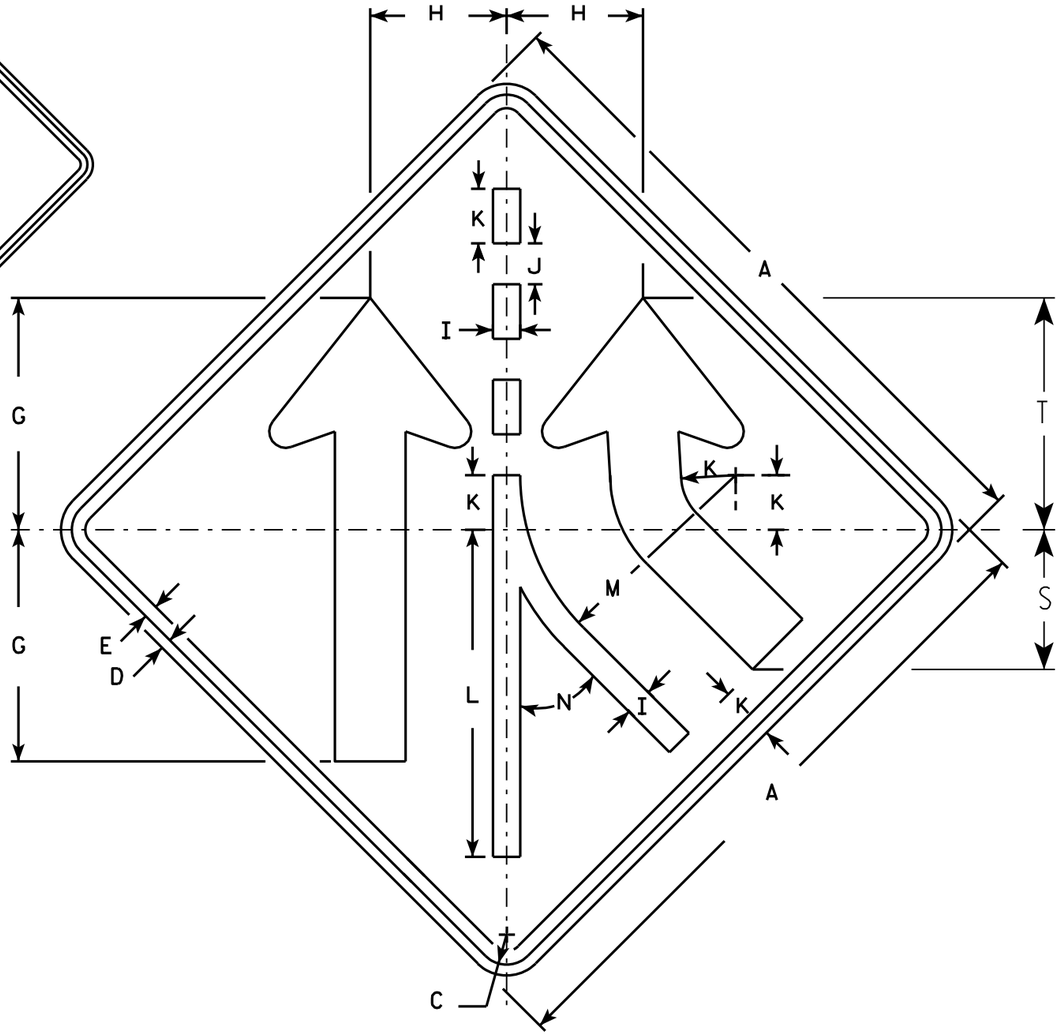
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-1.14

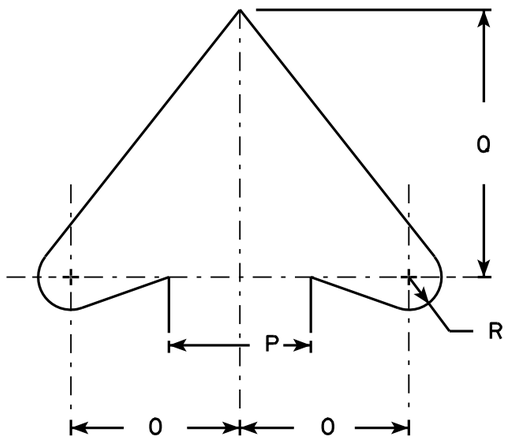
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 459	E





NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-3 L is the same as W4-3 R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		10 5/8	6 1/4	1 1/4	1 7/8	2 1/2	15	9 7/8	45°	3 7/8	3 1/4	6 1/8	3/4	6 3/8	10 5/8							6.25
2S	36		1 5/8	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
2M	36		1 5/8	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
3																											
4	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
5	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0

STANDARD SIGN
W4-3

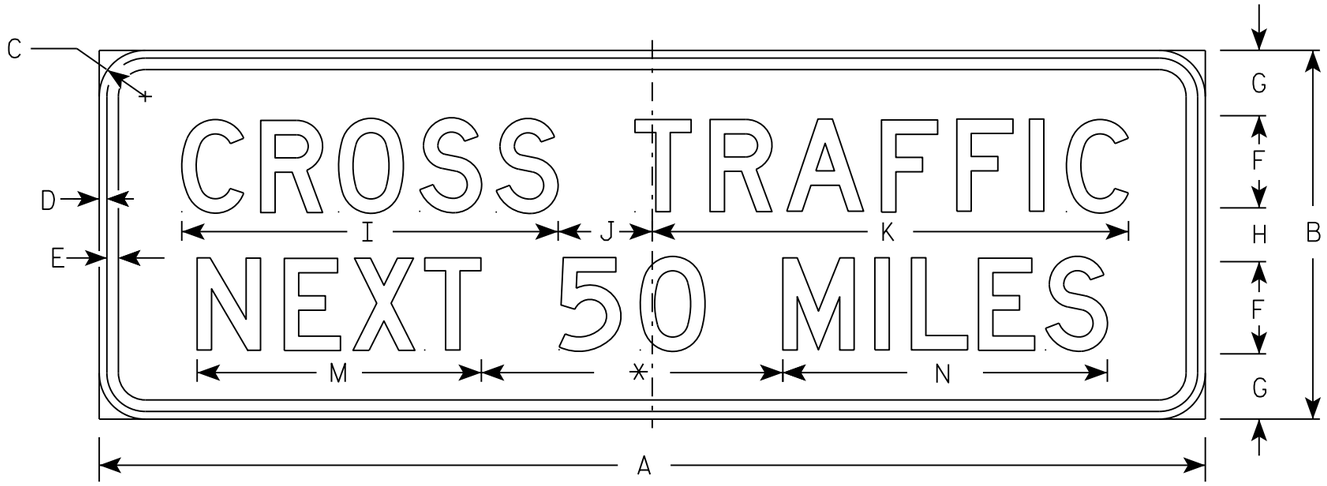
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-3.8

PROJECT NO:

SHEET NO: 460 E



W6-53

* Varies (See Note 5)

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black Non - reflective
3. Message Series - D
4. Corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S																											
2M																											
3																											
4	144	48	6	1	1 1/2	12	9	6	49	12 1/4	62		37	42 1/4													48.0
5																											

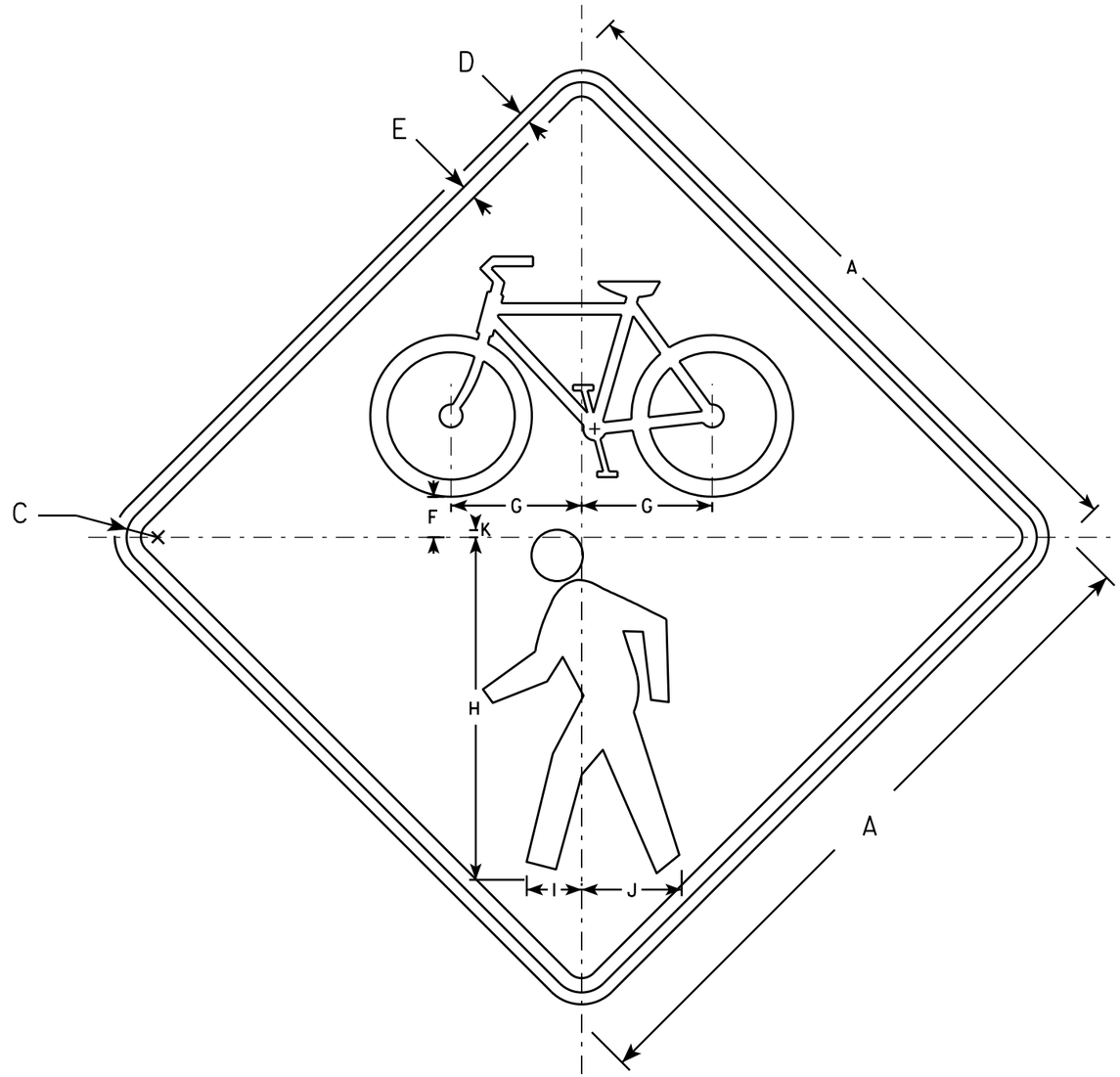
STANDARD SIGN
W6-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/14/17 PLATE NO. W6-53.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 461 | E



W11-15

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	1 3/8	4 5/8	12	1 7/8	3 1/2	1/4																4.0
2S	30		1 3/8	1/2	5/8	1 3/4	5 3/4	15	2 3/8	4 3/8	3/8																6.25
2M	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																9.0
3	36		1 5/8	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																16.0
4	48		2 1/4	3/4	1	2 7/8	9 1/8	24	3 7/8	7	1/2																16.0
5																											

STANDARD SIGN
W11-15

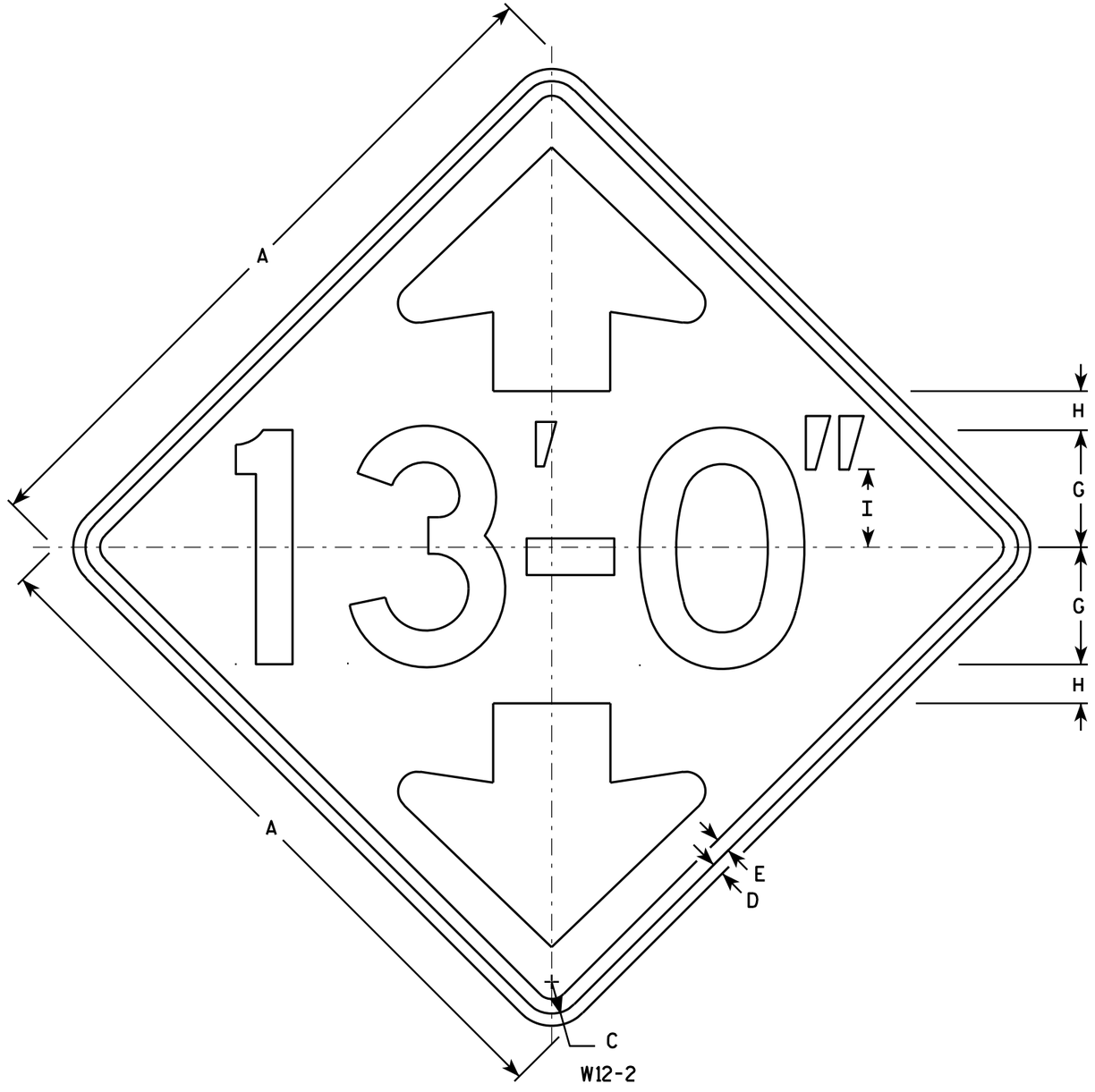
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 2/13/14 PLATE NO. W11-15.4

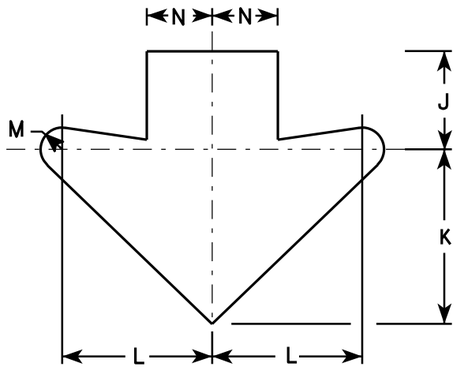
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W1115.DGN PLOT DATE : 13-FEB-2014 10:54 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 7.783368:1.000000
WISDOT/CADDS SHEET 42

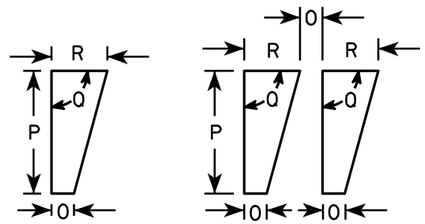


NOTES

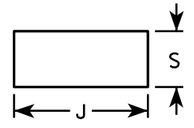
1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing of numerals, hyphen, foot & inch marks to achieve proper balance.



Arrow Detail



Foot Mark & Inch Mark Detail



Hyphen Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		5	1 5/8	3 3/8	3 3/4	6 5/8	5 3/4	3/4	2 1/2	1/2	2 1/4	90°	1	1 5/8								6.25
2S	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
2M	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
3	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
4	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
5	48		2 1/4	3/4	1		8	2 5/8	5 1/2	5 7/8	10 5/8	9 1/4	1 3/8	4	5/8	3 5/8	90°	1 5/8	2 1/2								16.00

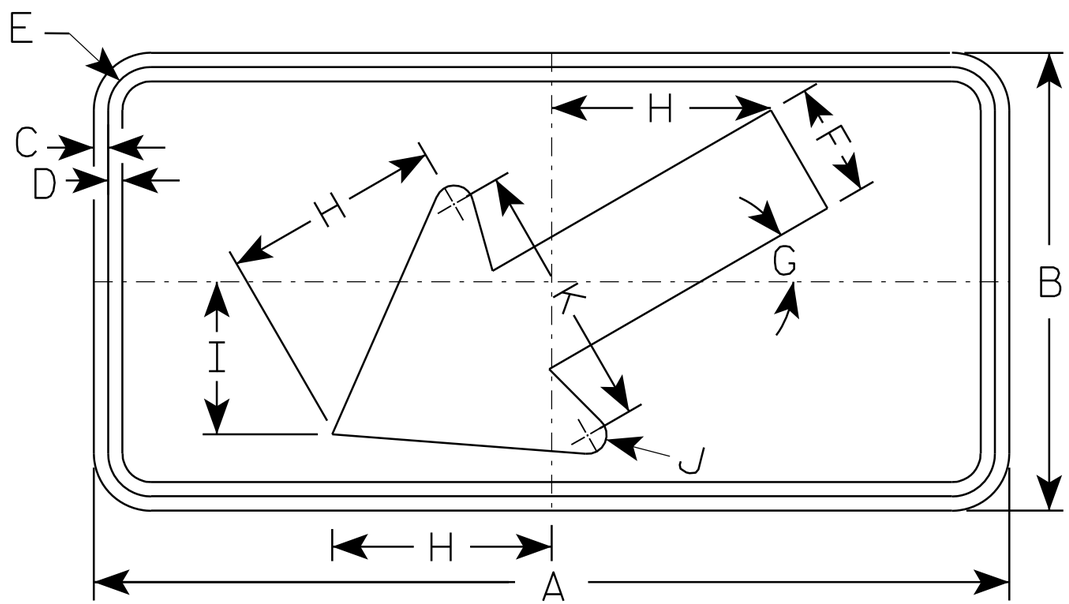
STANDARD SIGN
W12-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-2.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 463	E



W16-7L

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W16-7R is the same as W16-L except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4																											8
5																											8

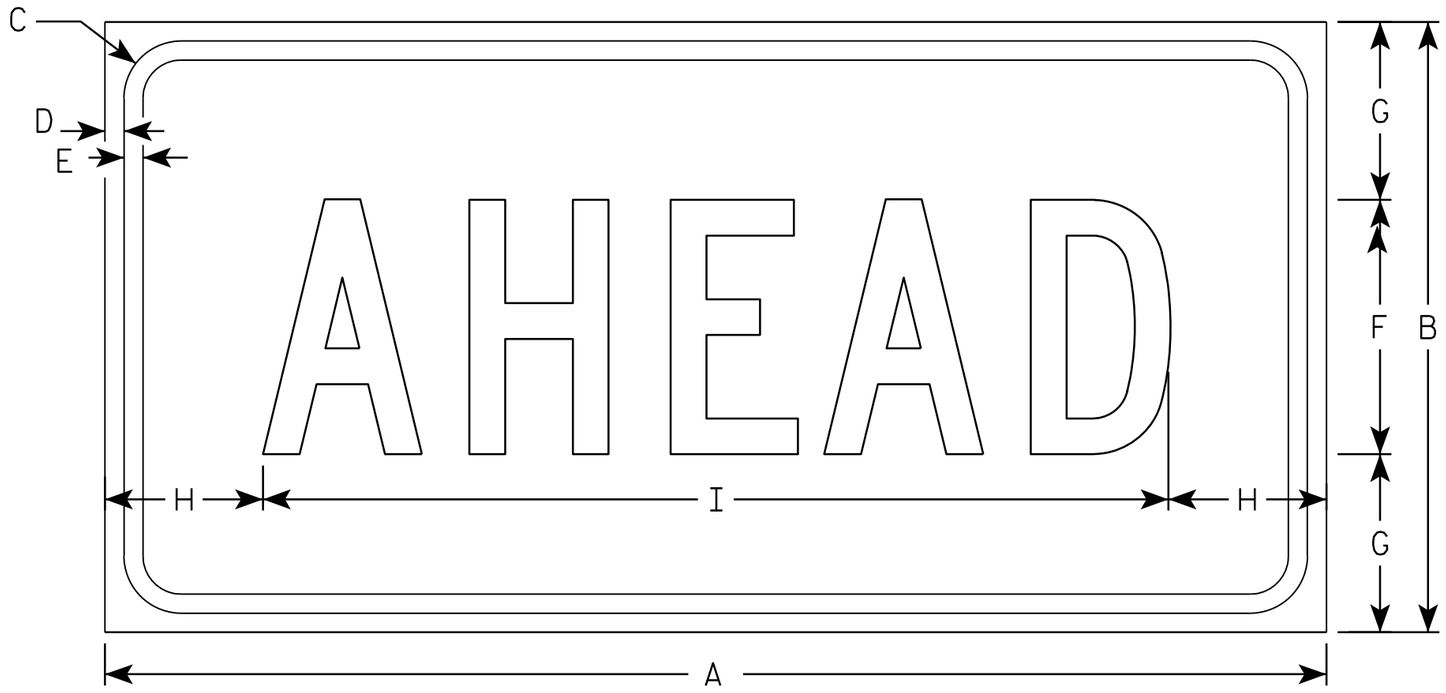
STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. W16-7.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 464	E



W16-9P

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN
W16-9P

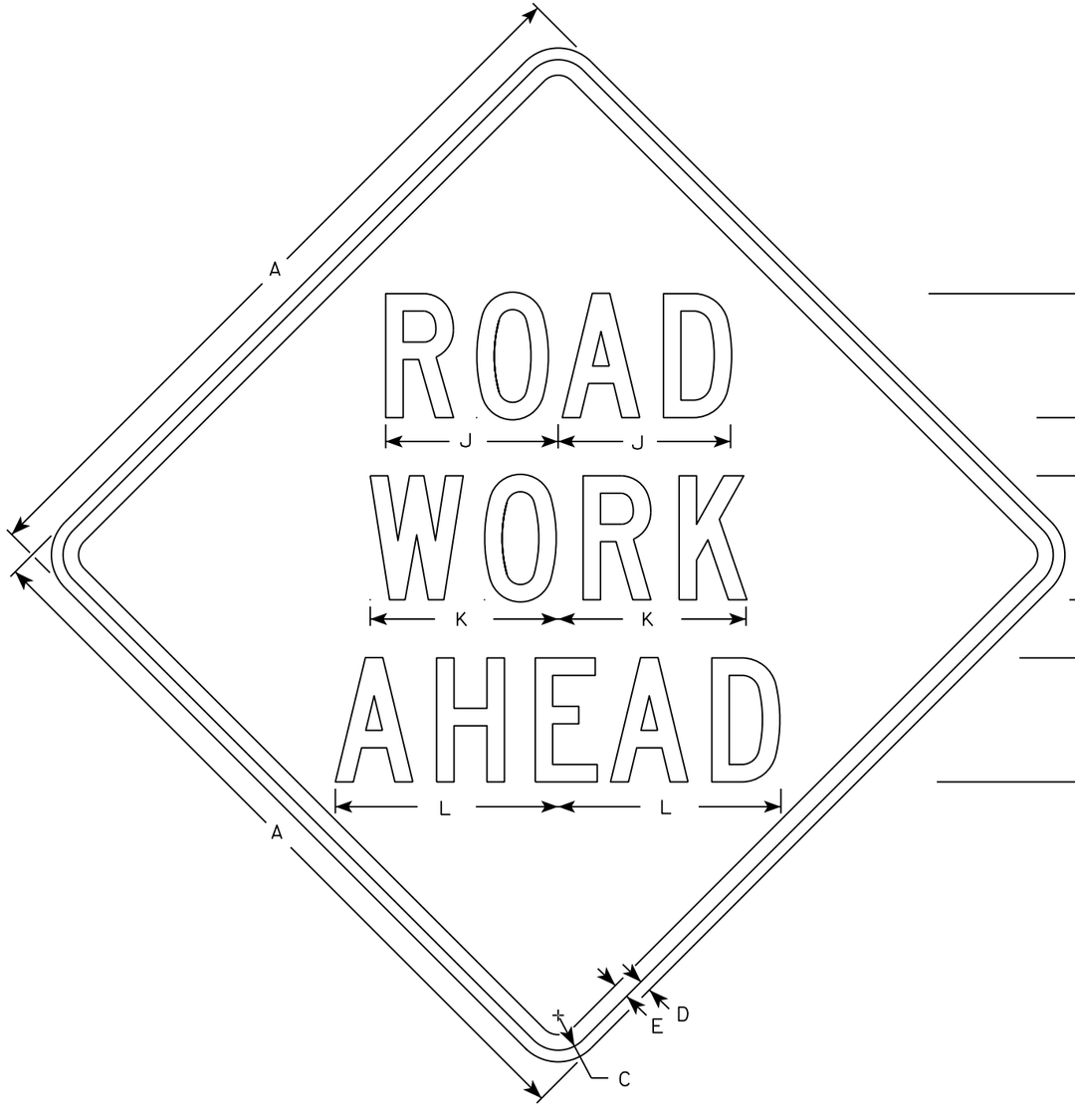
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

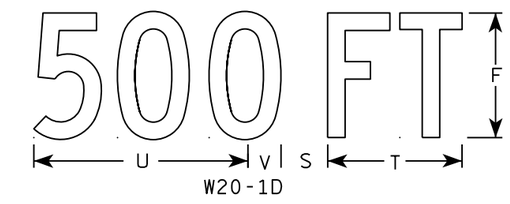
DATE 12/28/10 PLATE NO. W16-9P.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 465 | E

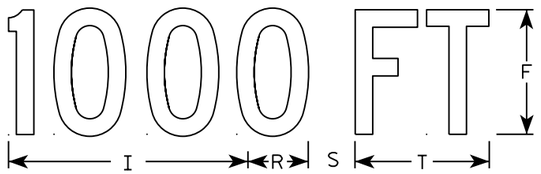
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W169P.DGN PLOT DATE : 28-DEC-2010 13:39 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 2.979524:1.000000
WISDOT/CADDS SHEET 42



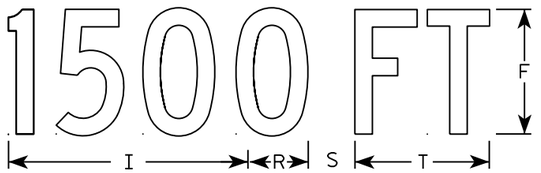
W20-1A



W20-1D

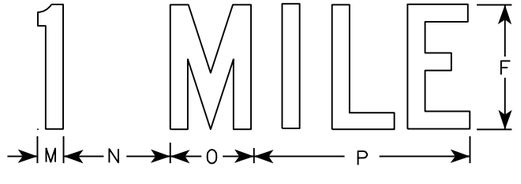


W20-1C

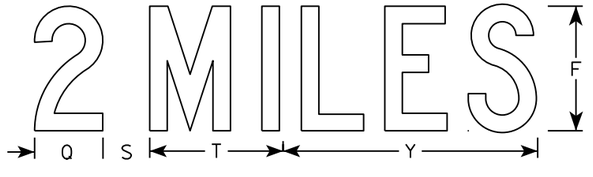


W20-1B

W20-1G



W20-1F



W20-1E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

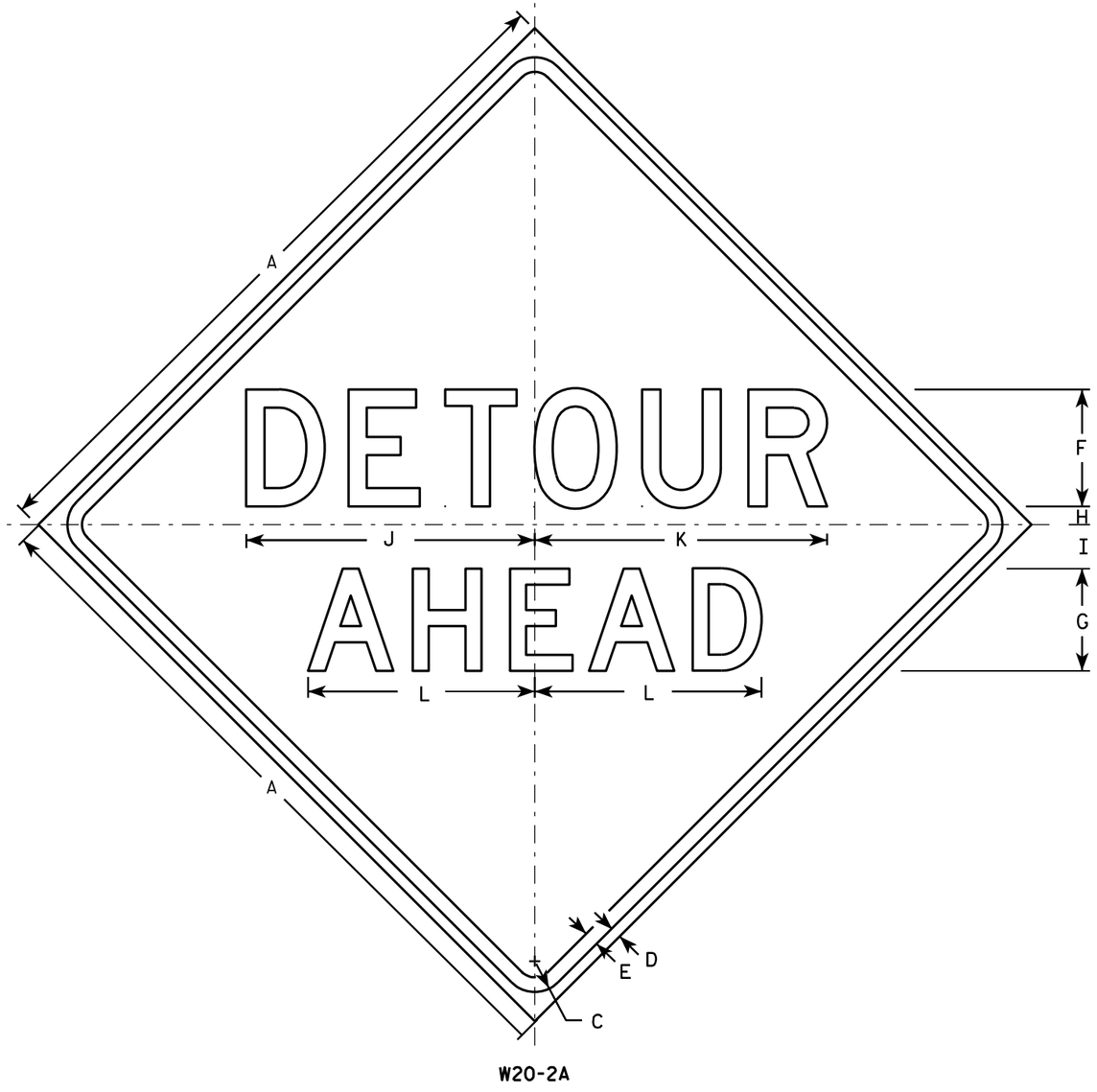
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/07/15 PLATE NO. W20-1.10

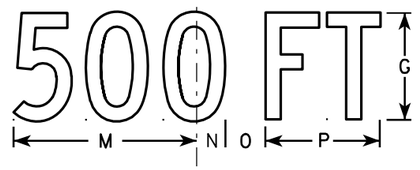
PROJECT NO:

SHEET NO: E

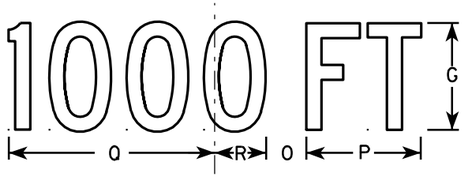
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 01-DEC-2015 18:24 PLOT BY : $$ plotuser $$



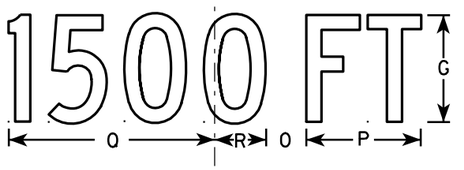
W20-2A



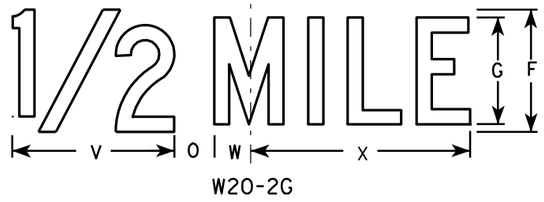
W20-2D



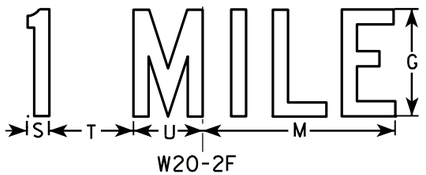
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

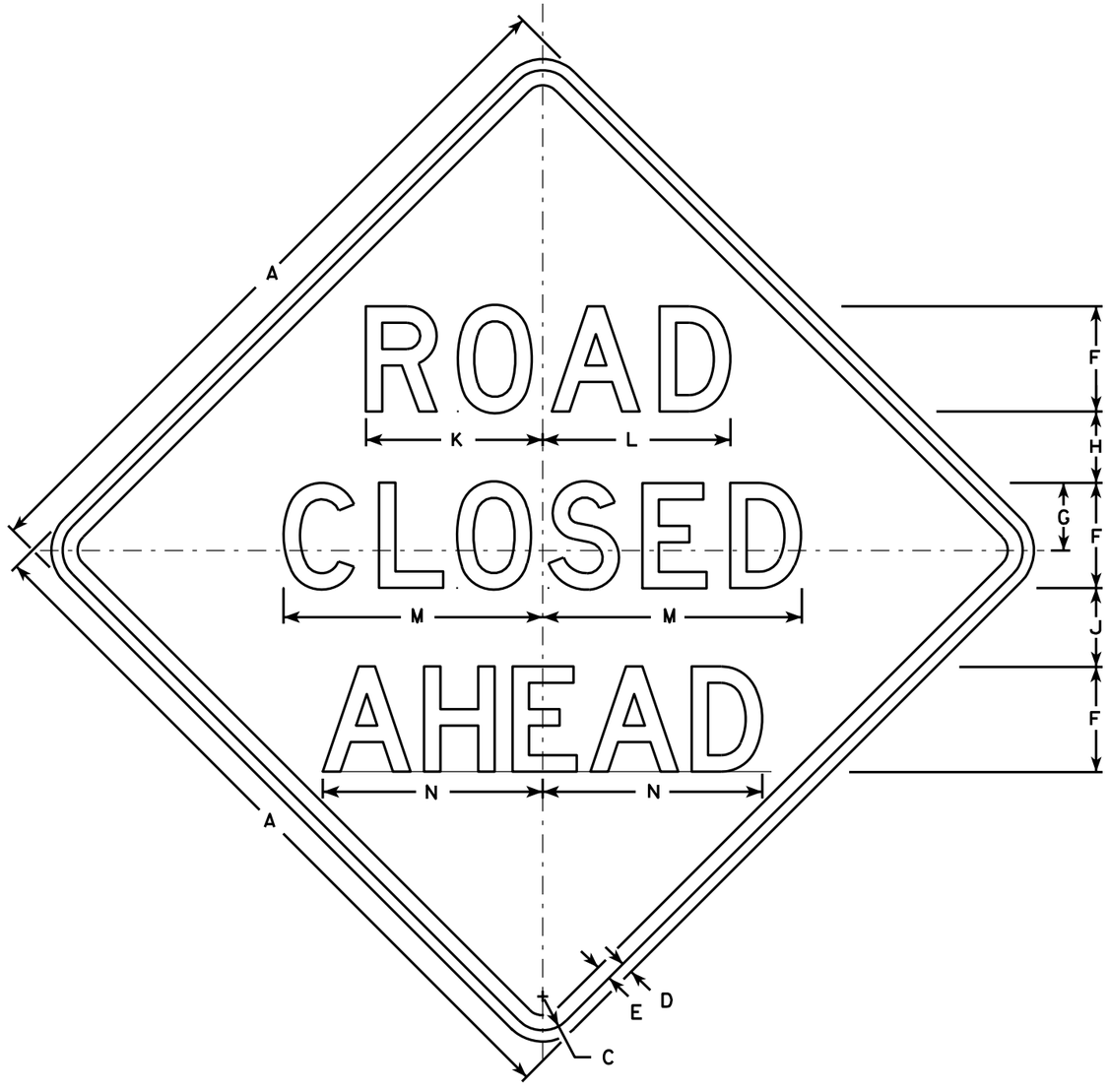
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

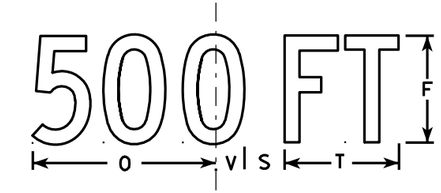
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-2.6

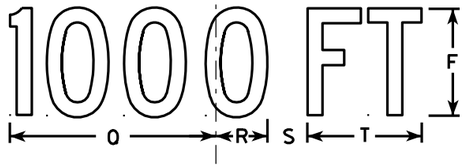
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 467 | E



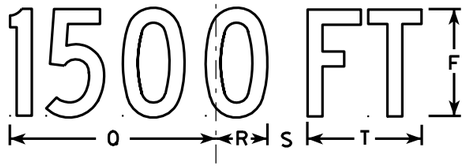
W20-3A



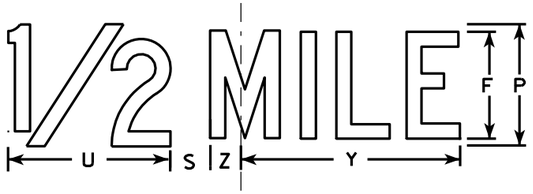
W20-3D



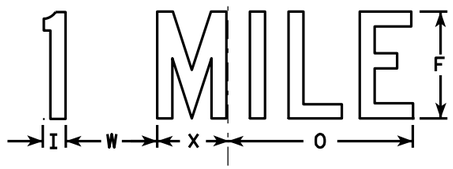
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

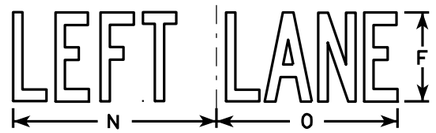
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

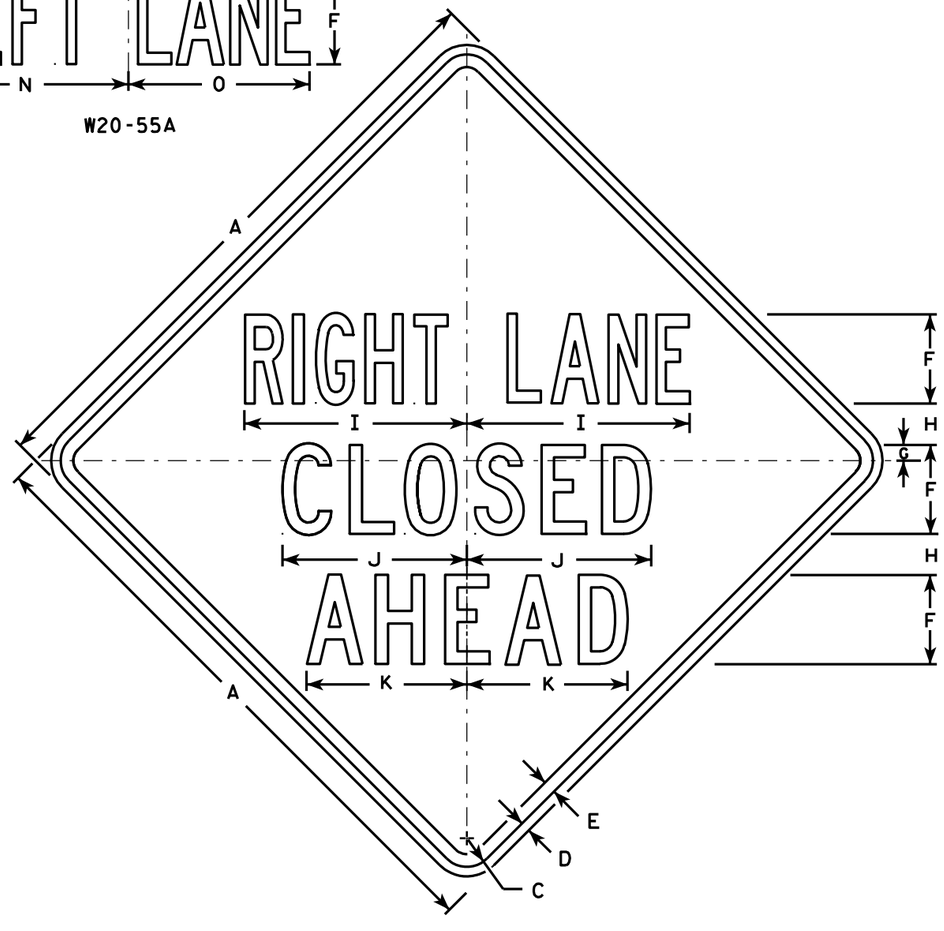
DATE 3/18/11 PLATE NO. W20-3.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 468 | E

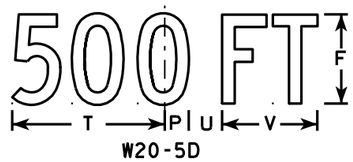
W20-56A



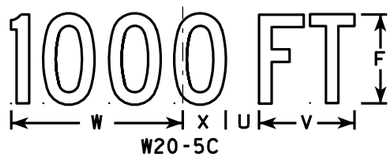
W20-55A



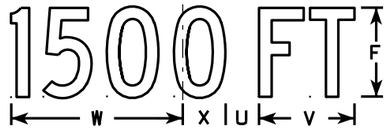
W20-5A



W20-5D



W20-5C



W20-5B

W20-5G

W20-5F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. " _____ LANE" is Series B.
   All other copy is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	6	1 5/8	5/8	3/4	5	1/8	2 1/2	13 1/8	10 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 1/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

STANDARD SIGN
W20-5A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

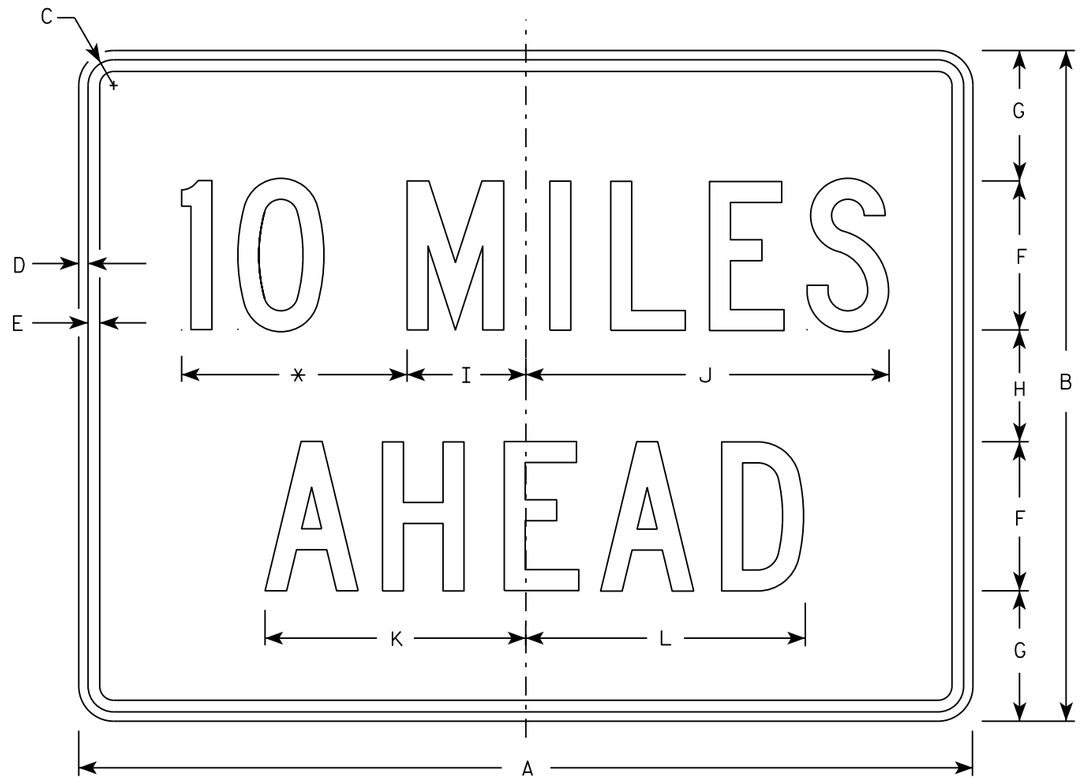
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-5.11

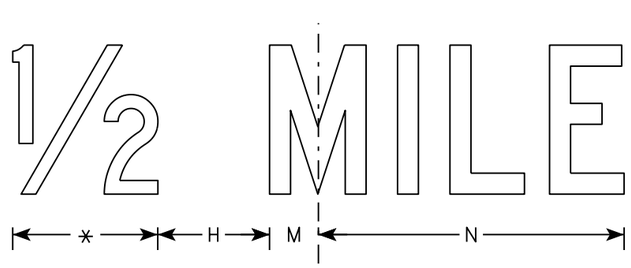
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 469 | E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W205.DGN PLOT DATE : 18-MAR-2011 12:15 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 11.918087:1.000000
WISDOT/CADDS SHEET 42



W57-52



* See note 5

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C
4. Corners and borders shall be rounded.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	18	1 1/8	3/8	1/2	4	3 1/2	3	3 1/8	9 3/4	7	7 1/2	1 3/8	8 1/4													3.0
2S	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
2M	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
3	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
4	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
5	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0

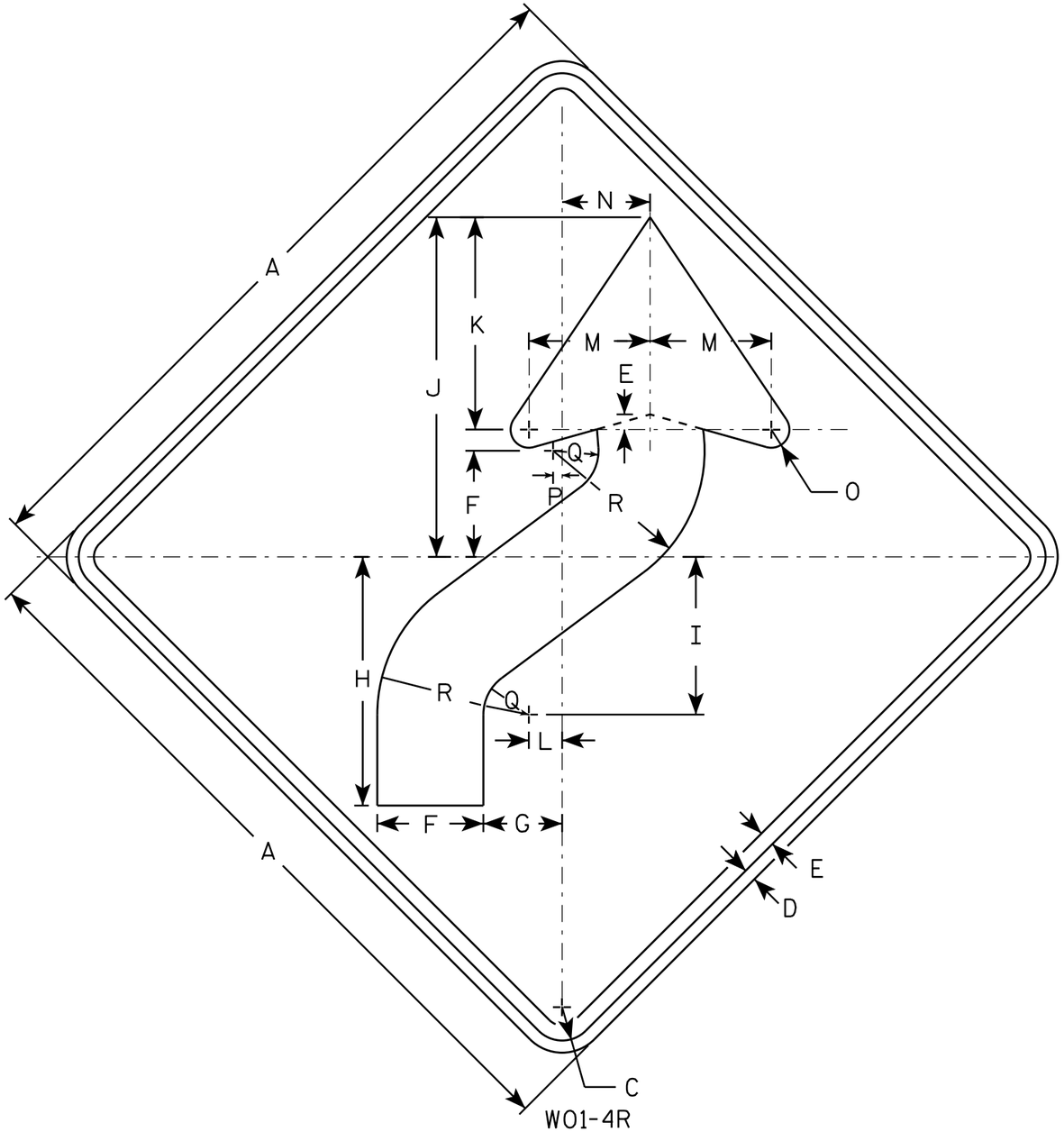
STANDARD SIGN
W57-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/21/17 PLATE NO. W57-52.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 470	E



W01-4R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

STANDARD SIGN
W01-4

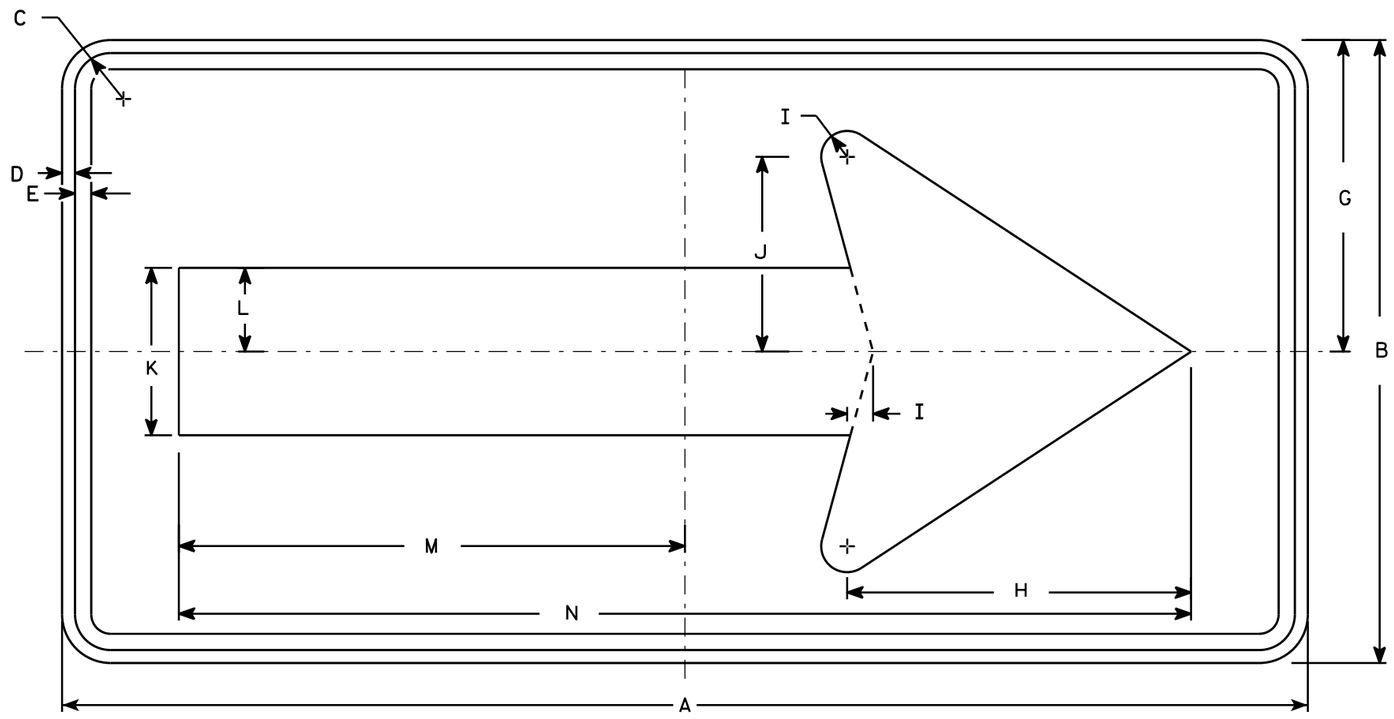
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO W01-4.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W014.DGN PLOT DATE : 28-FEB-2014 11:35 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.755110:1.000000 WISDOT/CADDS SHEET 42



W01-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
W01-6

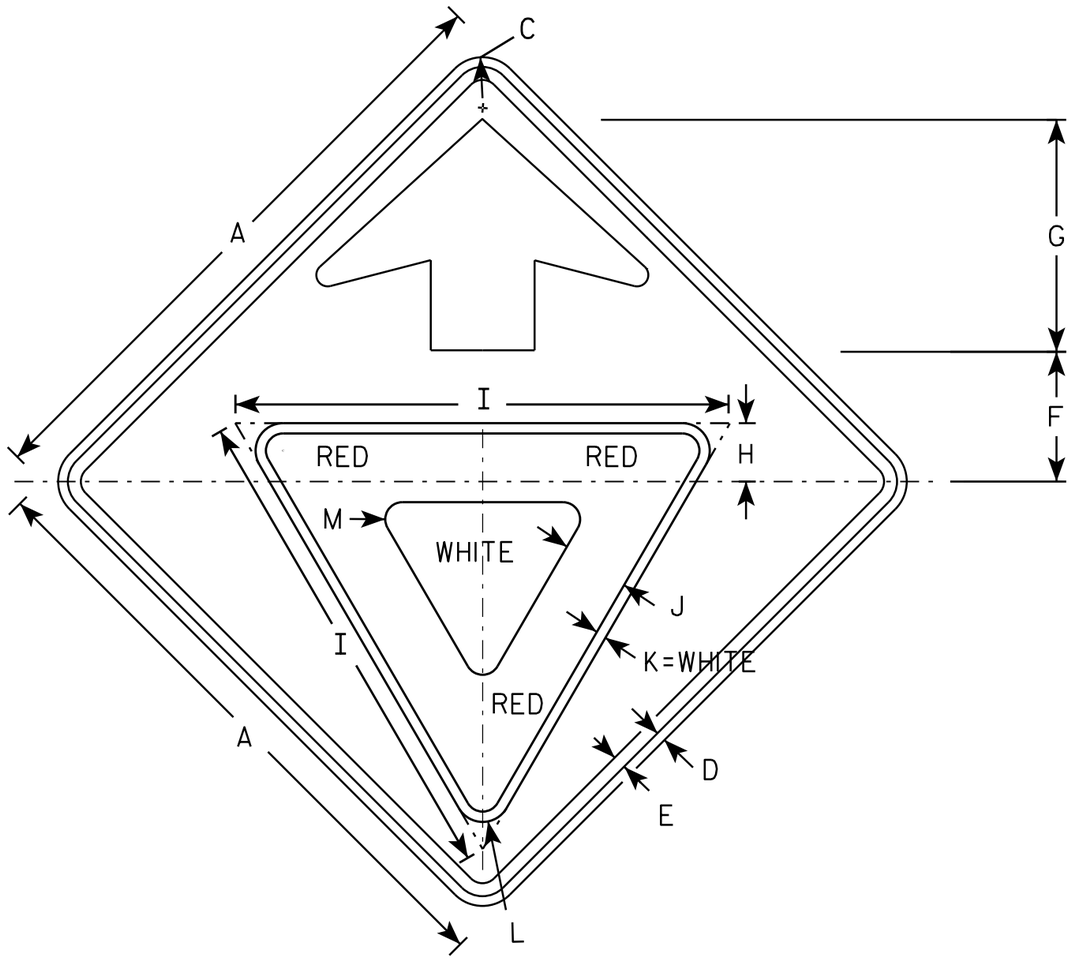
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE W01-6.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

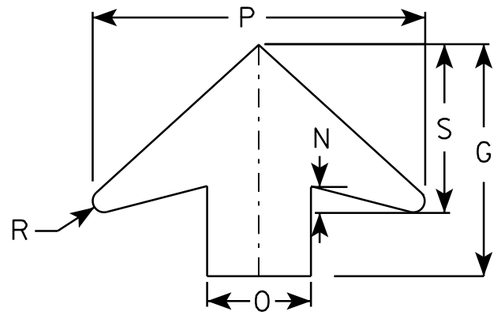
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN PLOT DATE : 28-FEB-2014 11:37 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.837526:1.000000 WISDOT/CADDS SHEET 42



W03-2

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2S	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
2M	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
3	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W03-2

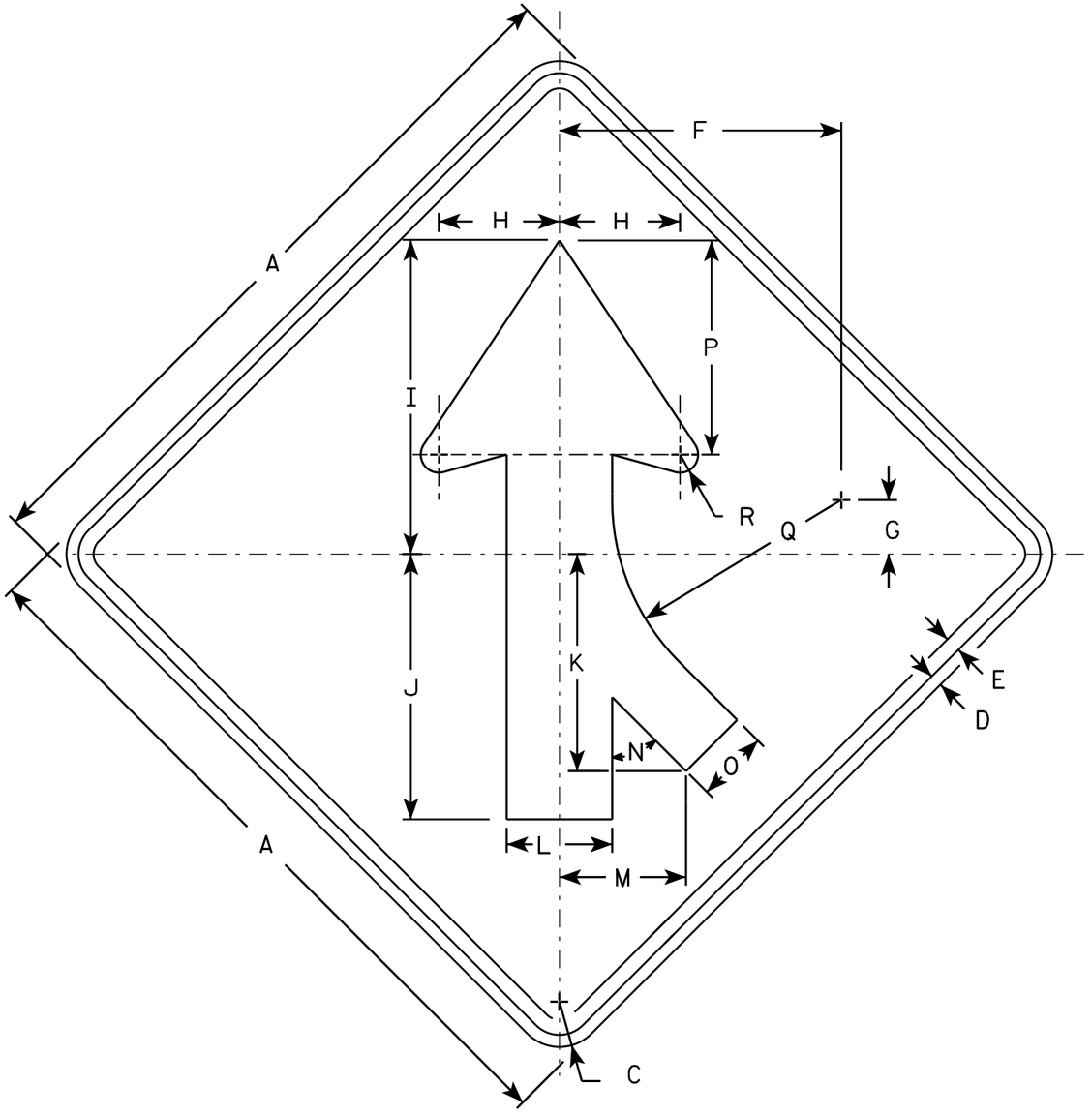
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE W03-2.1

PROJECT NO:

SHEET NO: E



W04-1R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-1L is the same as W4-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2S	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
2M	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
3	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

STANDARD SIGN
W04-1

WISCONSIN DEPT OF TRANSPORTATION

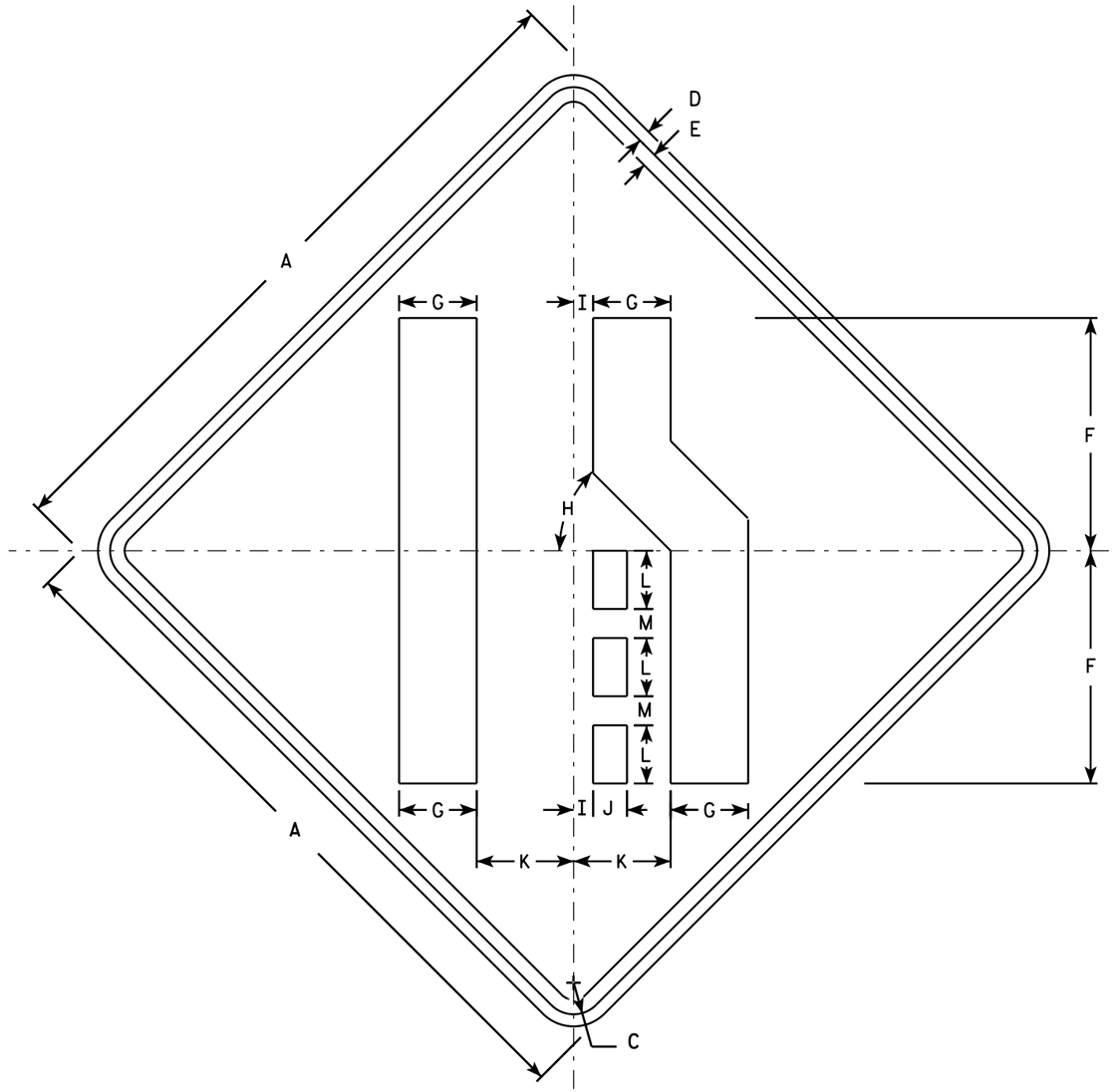
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE NO. W04-1.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

7

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W041.DGN PLOT DATE : 20-NOV-2013 11:38 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.080757:1.000000
WISDOT/CADDS SHEET 42



W04-2R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

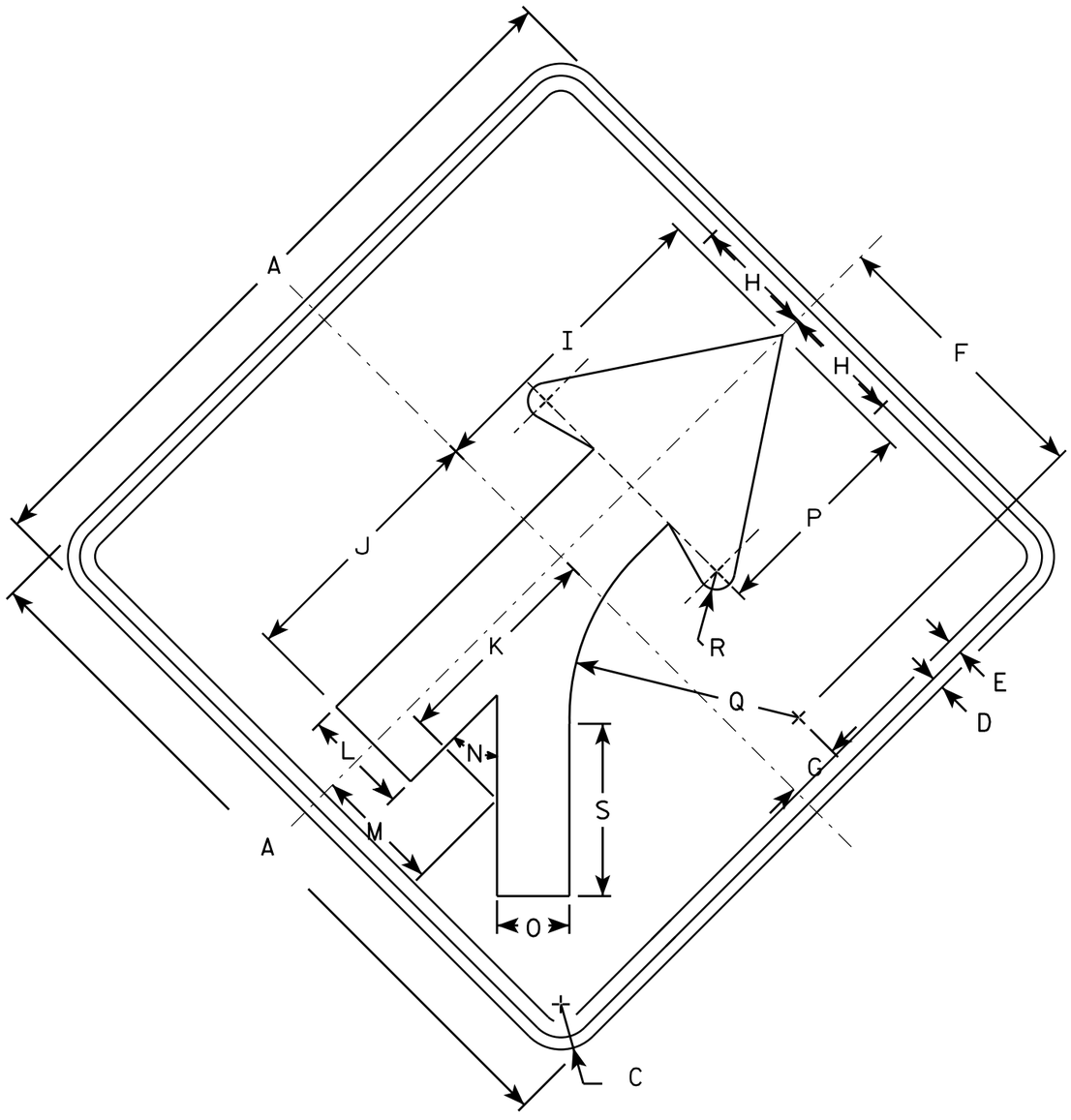
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 475 W04-2.1

PROJECT NO:

SHEET NO: E



W04-5

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8	8 1/2								9.0
2S	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
2M	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
3	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4	11 3/8								16.0

STANDARD SIGN
W04-5

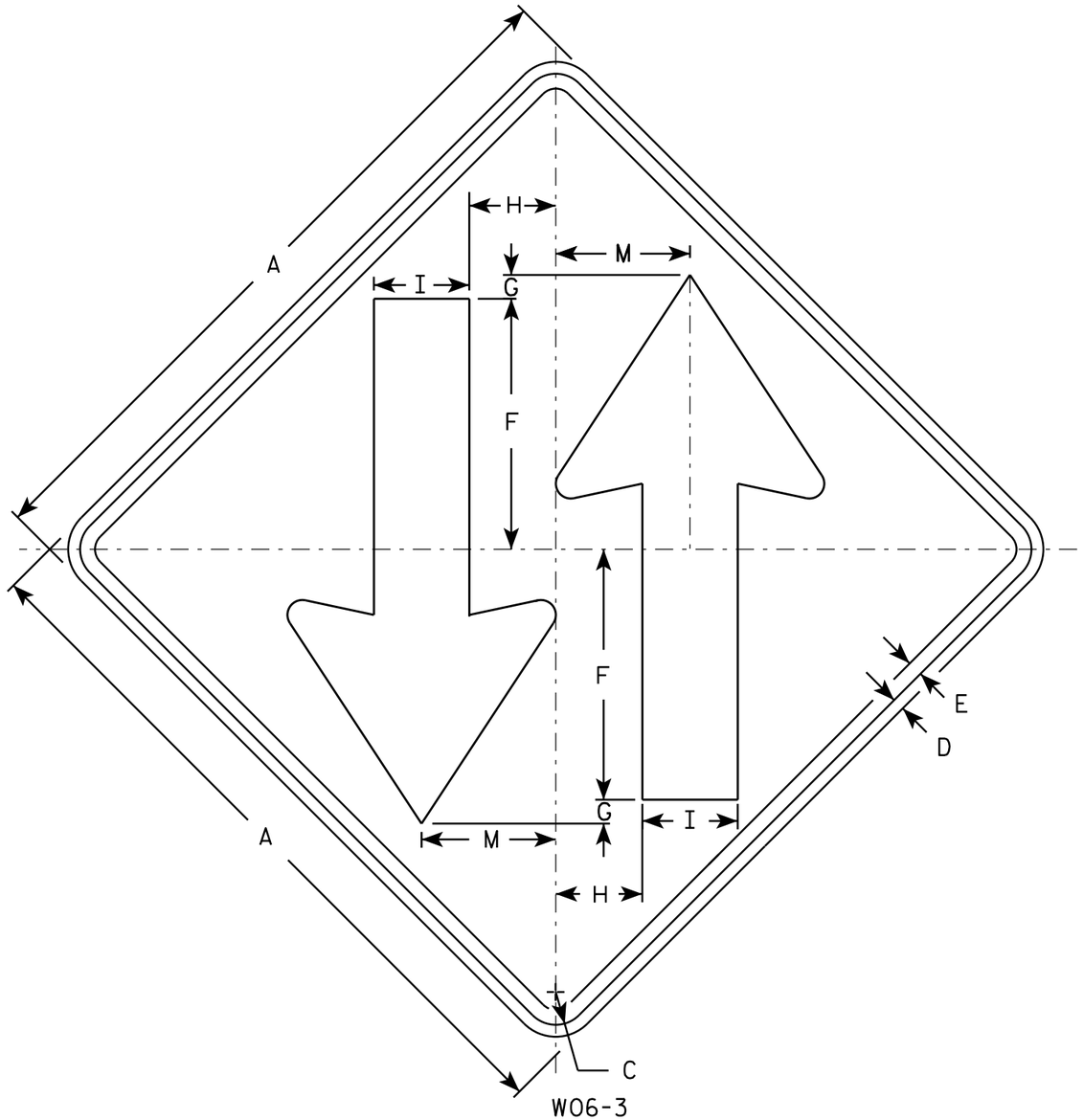
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/28/16 PLATE NO W04-5.1

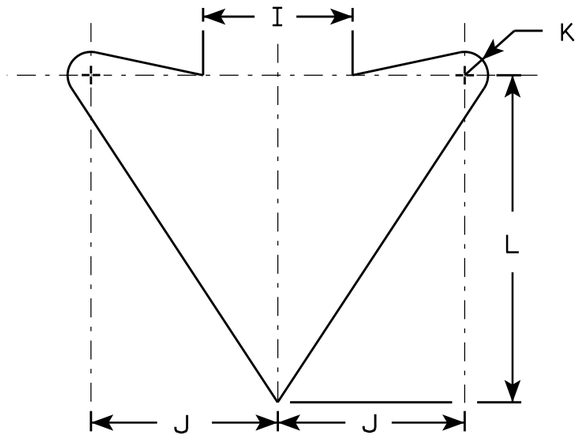
PROJECT NO: | HWY: | COUNTY: | | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W045.DGN PLOT DATE : 28-APR-2016 13:30 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.080757:1.000000
WISDOT/CADDS SHEET 42



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	12	1	4 1/4	5	6	3/4	10 1/2	6 3/4														9.0
2S	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
2M	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
3	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
4	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
5	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0

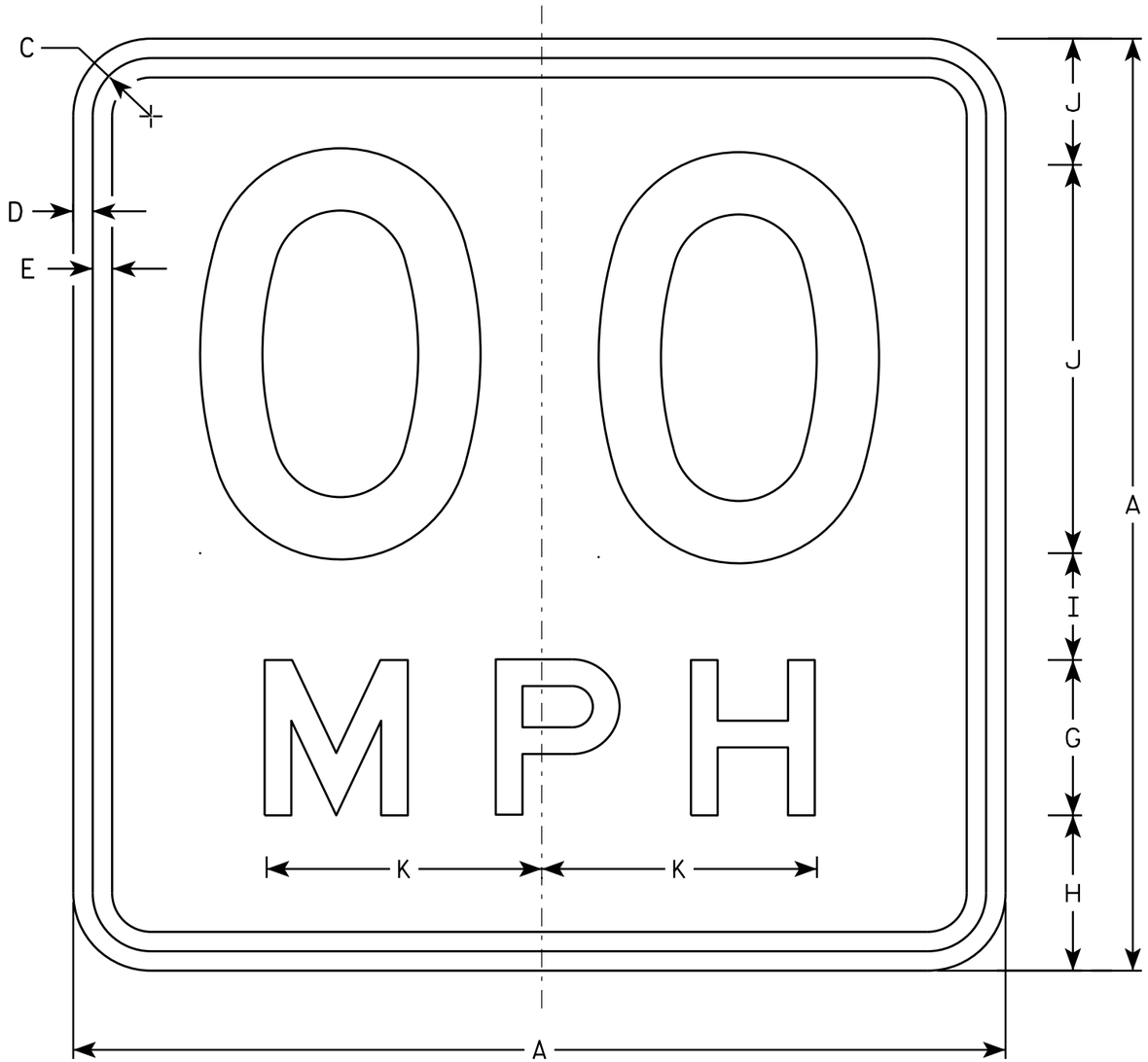
STANDARD SIGN
W06-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 477 W06-3.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W013-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	7 1/8																4.00
2S	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
2M	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
3	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

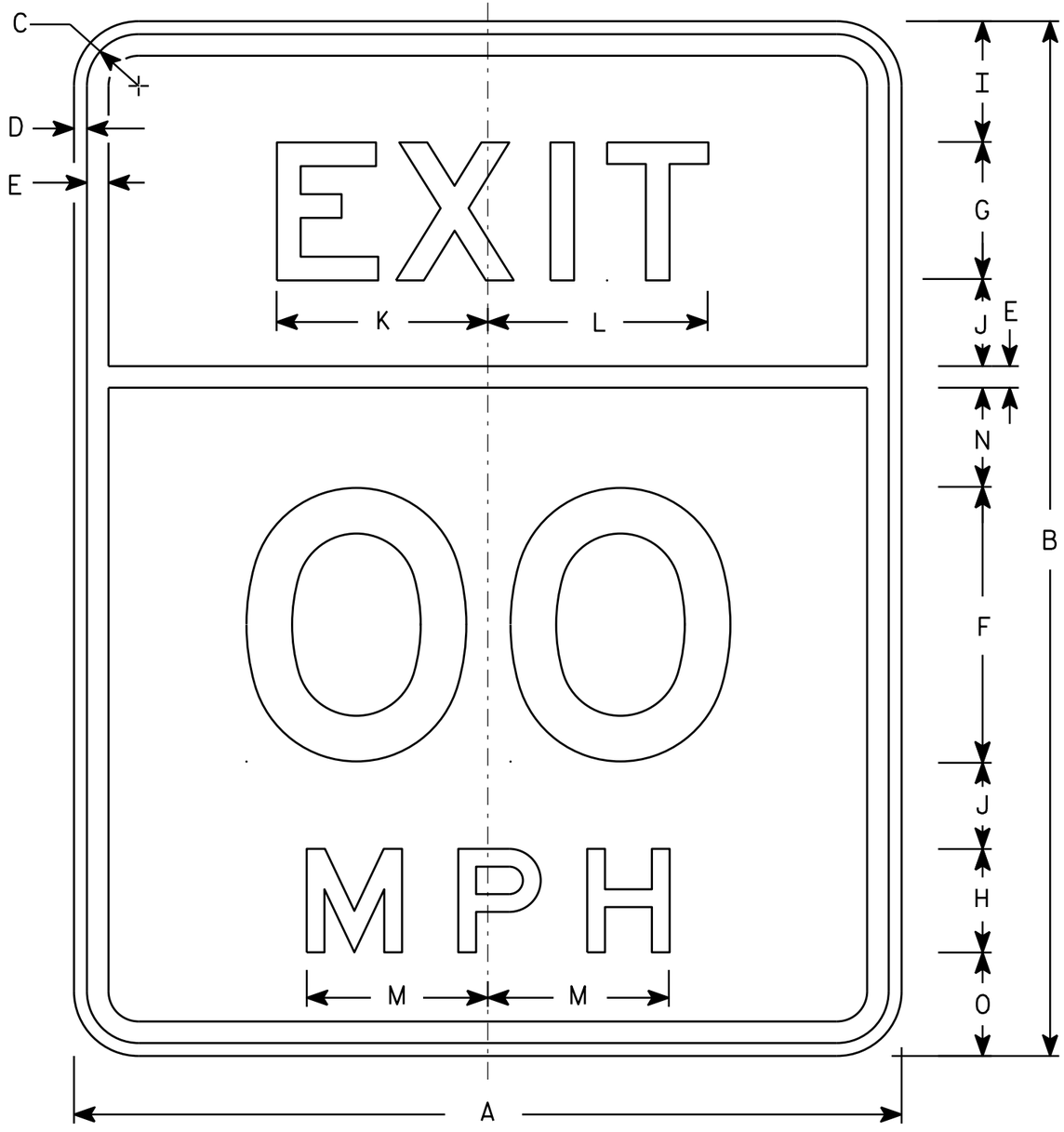
STANDARD SIGN
W013-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/21/13 PLATE 478 W013-1.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W013-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
2M	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
3	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
4	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
5	48	60	2 1/4	3/4	1	16	8	6	7	5	12 1/4	12 3/4	10 5/8	5 3/4	6												20.0

STANDARD SIGN
W013-2

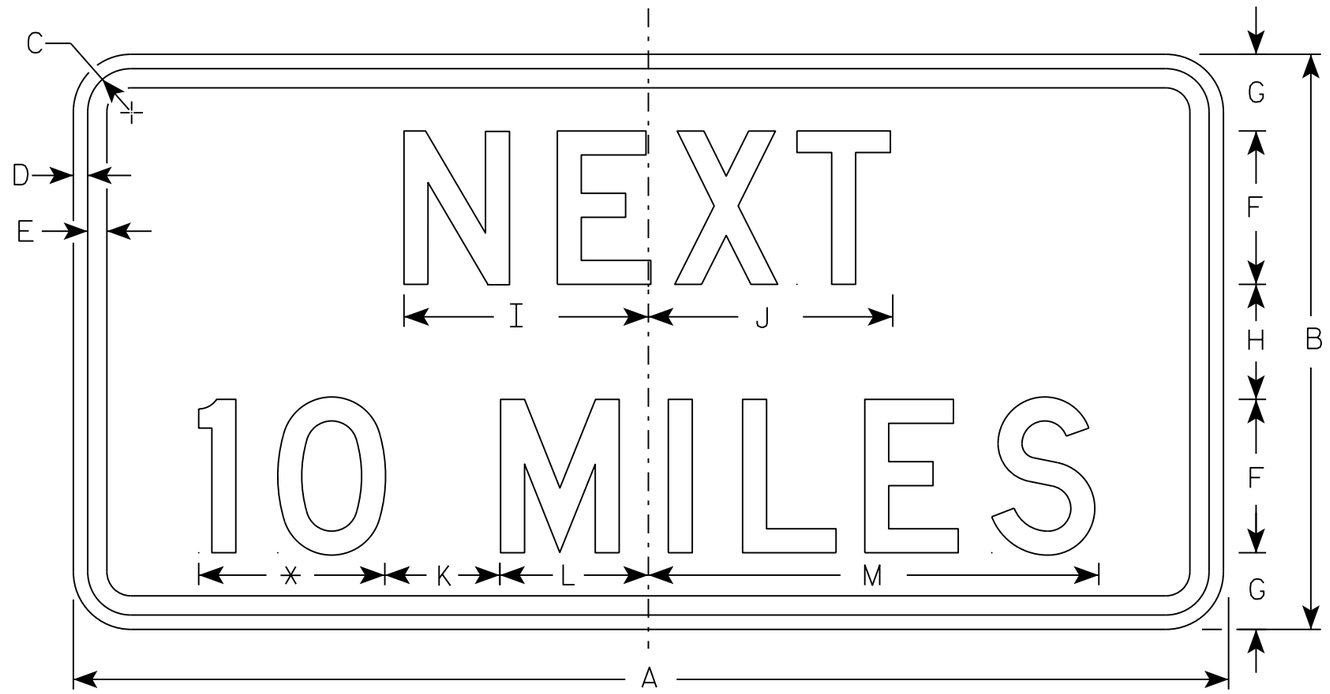
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/14 PLATE W013-2.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W0132.DGN PLOT DATE : 10-MAR-2014 13:35 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 4.086268:1.000000
WISDOT/CADDS SHEET 42



W057-51

* See note 5

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to the nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 5/8	2 3/4	7 7/8	8	5	4 1/8	15 3/8														4.5
2S	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
2M	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
3	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
4	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
5	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0

STANDARD SIGN
W057-51

WISCONSIN DEPT OF TRANSPORTATION

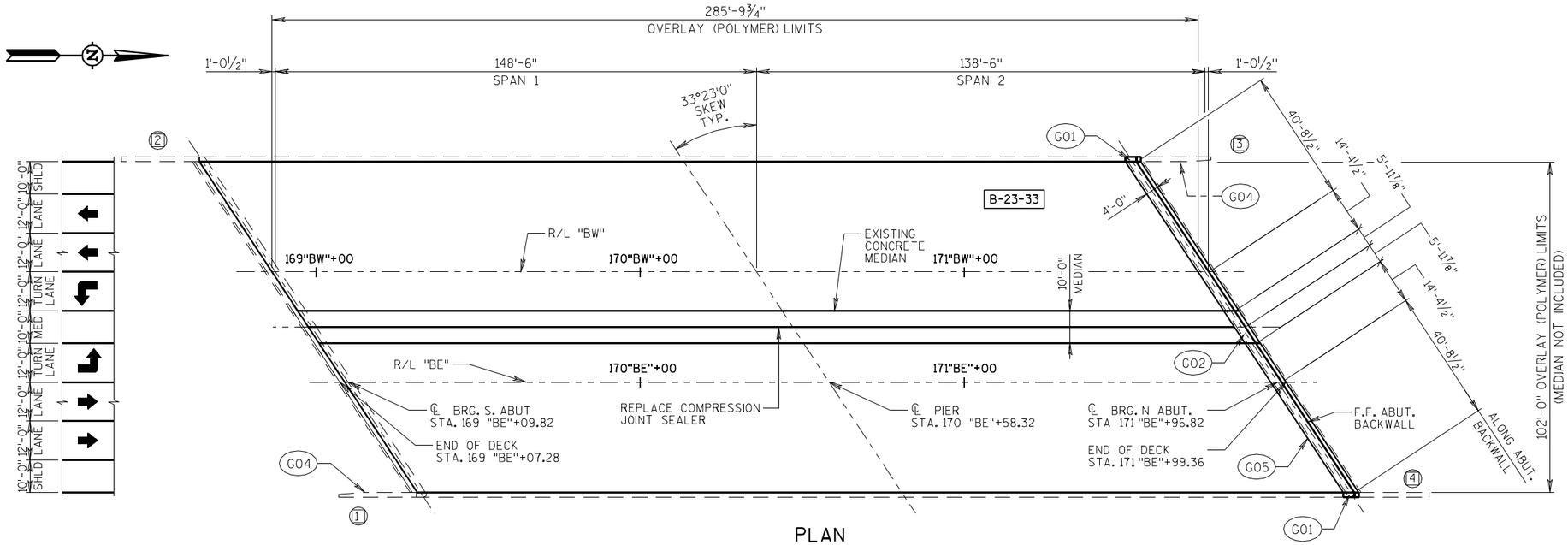
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/14/17 PLATE NO. W057-51.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 480	E

STATE PROJECT NUMBER

1706-02-72



PLAN

(2 SPAN CONTINUOUS STEEL PLATE GIRDER - POLYMER OVERLAY)

DESIGN DATA

LIVE LOAD:

DESIGN LOADING:	HS-20
INVENTORY RATING:	HS-14
OPERATING RATING:	HS-23
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV):	180 KIPS

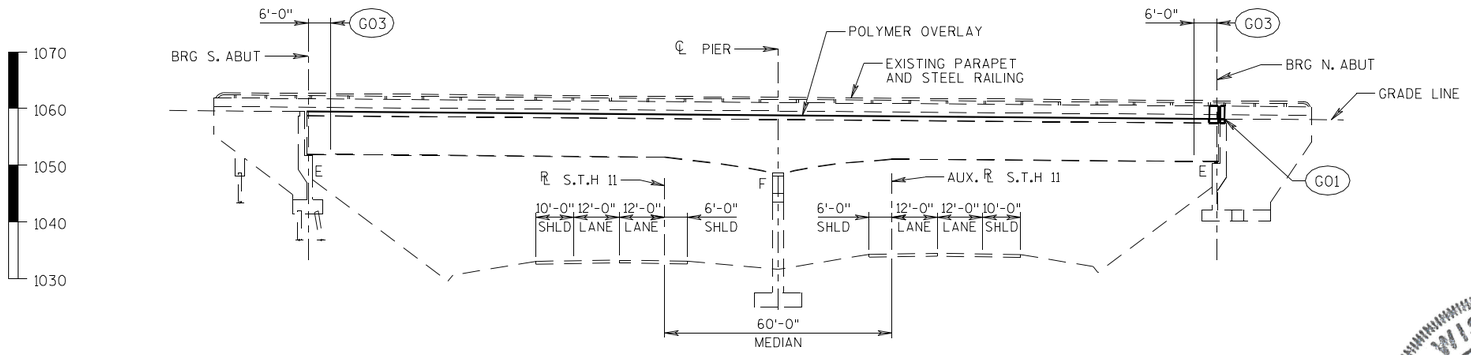
MATERIAL PROPERTIES:

CONCRETE MASONRY
DECK REPAIR ---------- f'c = 4,000 P.S.I.

BAR STEEL REINFORCEMENT,
HIGH STRENGTH, GRADE 60 ----- fy = 60,000 P.S.I.

LIST OF DRAWINGS

1 GENERAL PLAN
2 SECTION, NOTES AND QUANTITIES
3 EXPANSION JOINT DETAILS



ELEVATION

(LOOKING WEST)

TRAFFIC VOLUME

STH 81	STH 11
A.D.T. = 6,608 (2039)	A.D.T. = 12,800 (2039)
R.D.S. = 60 M.P.H.	R.D.S. = 70 M.P.H.

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEVATION
BM 316	235+35EB	CHISELED SQUARE SE CORNER MEDIAN INLET	1019.40
BM 23-33	243+45EB	DISK SE CORNER B-23-33-70	1060.54
BM 317	250+71EB	CHISELED SQARE SW CORNER MEDIAN INLET	1046.08

LEGEND

- G01 REMOVE PARAPET IN THIS AREA AS REQUIRED TO PERMIT INSTALLATION OF NEW EXPANSION DEVICE.
- G02 REMOVE MEDIAN IN THIS AREA AS REQUIRED TO PERMIT INSTALLATION OF NEW EXPANSION DEVICE.
- G03 APPROXIMATE LIMITS OF STRUCTURE PAINTING RECYCLED ABRASIVE B-23-33.
- G04 REATTACH THRIE BEAM GUARD RAIL AFTER CONCRETE WORK IS COMPLETED.
- G05 DO NOT PLACE POLYMER OVERLAY OVER JOINT REPAIR CONCRETE.
- ⬡ INDICATES WING NUMBER

NOTE

STATIONING REFERENCES THE ORIGINAL STRUCTURE PLANS.

WISCONSIN
SCOTT J. GINAL
E-38680
PORT WASHINGTON, WI
PROFESSIONAL ENGINEER
1/29/2018

DESIGN CONTACT:
SCOTT GINAL
(262)-317-3344

BRIDGE OFFICE CONTACT:
WILLIAM DREHER
(608)-266-8489

NO.	DATE	REVISION	BY

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher SDR 02/07/18
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-23-33

STH 81 OVER STH 11

COUNTY: GREEN	~~TOWN~~/CITY/~~VILLAGE~~: MONROE
DESIGN SPEC.: REHABILITATION N/A	
DESIGNED BY: JAD	DESIGN CK'D.: SJG
DRAWN BY: JAD	PLANS CK'D.: SJG

GENERAL PLAN

SHEET 1 OF 3
481

8

8

STATE PROJECT NUMBER

1706-02-72

TOTAL ESTIMATED QUANTITIES

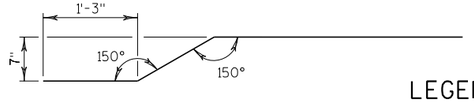
BID ITEM NUMBER	BID ITEMS	UNIT	QUANTITY
203.0210.S.01	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-23-33	LS	1
502.3100	EXPANSION DEVICE B-23-33	LS	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	340
502.3210	PIGMENTED SURFACE SEALER	SY	208
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	130
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,620
509.0301	PREPARATION DECKS TYPE 1	SY	5
509.0302	PREPARATION DECKS TYPE 2	SY	2
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	50
509.0400.S	CLEANING CONCRETE SURFACES	SY	340
509.1000	JOINT REPAIR	SY	55
509.1200	CURB REPAIR	LF	584
509.1500	CONCRETE SURFACE REPAIR	SF	642
509.2000	FULL-DEPTH DECK REPAIR	SY	1
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	21
509.5100.S	POLYMER OVERLAY	SY	2,922
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	107
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	2
509.9050.S	CLEANING PARAPETS	LF	679
517.1800.S.01	STRUCTURE REPAINTING RECYCLED ABRASIVE B-23-33	LS	1
517.4500.S.01	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-23-33	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
SPV.0090.02	EXPANSION JOINT SEAL SYSTEM	LF	293

BILL OF BARS

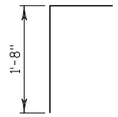
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A501	X	122	2'-5"	X		PAVING BLOCK VERTICAL - ADHESIVE ANCHORS
A402	X	122	3'-4"	X		PAVING BLOCK STIRRUPS
A503	X	54	7'-2"			PAVING BLOCK HORIZONTAL
A604	X	50	9'-4"			DIAPHRAGM HORIZONTAL - BOTTOM
A405	X	20	9'-4"			DIAPHRAGM HORIZONTAL - TOP
A406	X	130	4'-7"	X		DIAPHRAGM STIRRUP
A407	X	20	10'-7"			SLAB - TRANSVERSE
A508	X	12	6'-11"	X		MEDIAN - TRANSVERSE
A509	X	12	1'-4"			PARAPET ON ABUTMENT - LONGITUDINAL
A510	X	12	3'-1"			PARAPET ON BRIDGE - LONGITUDINAL
A511	X	8	5'-0"	X		PARAPET STIRRUP - DECK
A512	X	8	3'-8"	X		PARAPET DOWEL - DECK
A513	X	4	7'-9"	X		PARAPET STIRRUP - WING - ADHESIVE ANCHORS
A514	X	4	6'-4"	X		PARAPET DOWEL - WING - ADHESIVE ANCHORS

BENDING DIMENSIONS ARE OUT TO OUT OF BARS.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.



A508



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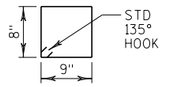

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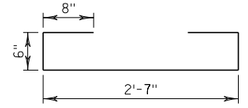
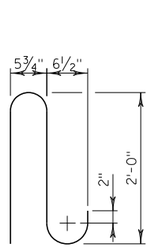


A406

LEGEND

- (G06) "PROTECTIVE SURFACE TREATMENT" LIMITS
- (G07) "PIGMENTED SURFACE SEALER" LIMITS
- (G08) "CLEANING CONCRETE SURFACES" LIMITS
- (G09) "CLEANING PARAPETS" LIMITS



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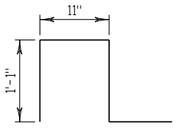

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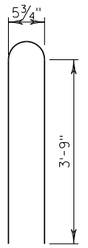

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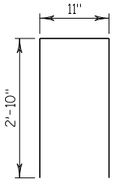


A514

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY DECK REPAIR".

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1-INCH DEEP SAW CUT.

AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.

AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1½" CLEAR BEYOND REINFORCING.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-23-33".

CLEAN AND FILL EXISTING CRACKS IN ABUTMENTS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER. CRACK REPAIR PAID UNDER BID ITEM "EPOXY INJECTION CRACK REPAIR".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1/4" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. IF EXPECTED OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/4", CONTACT THE STRUCTURES DESIGN SECTION.

ASBESTOS CONTAINING MATERIAL (ACM) WAS FOUND IN GASKETS UNDER RAILING ATTACHMENT PLATES. REMOVAL OF ACM SHALL BE PAID UNDER BID ITEM "ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-23-33".

MEDIAN SHALL BE CLEANED PRIOR TO APPLICATION OF "PROTECTIVE SURFACE TREATMENT". CLEANING OF MEDIAN SHALL BE PAID UNDER BID ITEM "CLEANING CONCRETE SURFACES".

PARAPETS SHALL BE CLEANED PRIOR TO APPLICATION OF "PIGMENTED SURFACE SEALER". CLEANING OF PARAPETS SHALL BE PAID UNDER BID ITEM "CLEANING PARAPETS".

QUANTITY FOR BID ITEM "CURB REPAIR" DOES NOT INCLUDE CONCRETE CURBS UNDER PARAPETS.

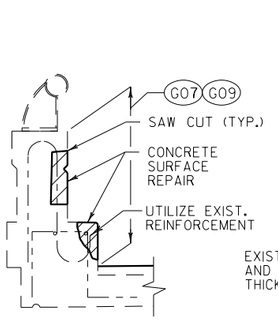
CONCRETE QUANTITY NEEDED FOR BID ITEMS "JOINT REPAIR", "CURB REPAIR" AND "FULL-DEPTH DECK REPAIR" SHALL BE PAID UNDER BID ITEM "CONCRETE MASONRY DECK REPAIR".

THE EXISTING STRUCTURE, B-23-33, IS A 2-SPAN STEEL GIRDER STRUCTURE WITH AN OVERALL WIDTH OF 105'-0" AND AN OVERALL LENGTH BETWEEN BACK OF ABUTMENTS OF 293'-5¾". THE ENTIRE BRIDGE DECK SHALL BE PREPARED FOR A NEW POLYMER OVERLAY. THE EXPANSION JOINT AT THE NORTH ABUTMENT SHALL BE REPLACED. ALL BEARINGS AT BOTH ABUTMENTS SHALL BE CLEANED AND PAINTED. CONCRETE SURFACE REPAIRS SHALL BE PERFORMED AS DIRECTED BY THE FIELD ENGINEER, AND THE STRUCTURE SHALL BE PARTIALLY PAINTED AS DETAILED ON THE PLANS.

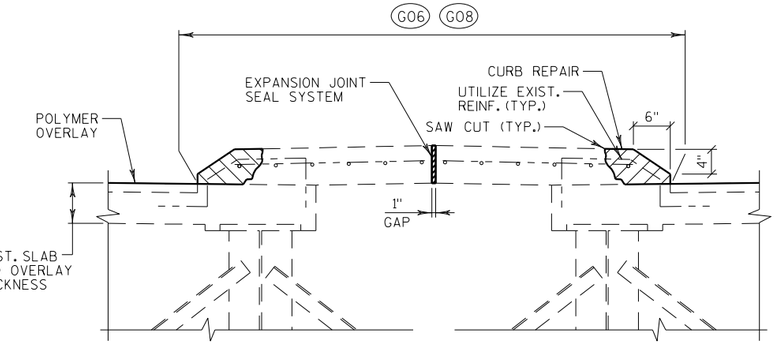
THE BID ITEM "STRUCTURE REPAINTING ABRASIVE B-23-33" INCLUDES CLEANING AND PAINTING ALL STEEL ELEMENTS (WITHIN THE LIMITS SHOWN ON THE PLANS) INCLUDING GIRDERS, BRACING ELEMENTS AND EXISTING BEARINGS.

THE COLOR OF THE FINISH TOP COAT ON THE STEEL GIRDERS SHALL MATCH THE EXISTING.

ANY EXCAVATION NECESSARY TO COMPLETE THE JOINT REPAIR AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "JOINT REPAIR".

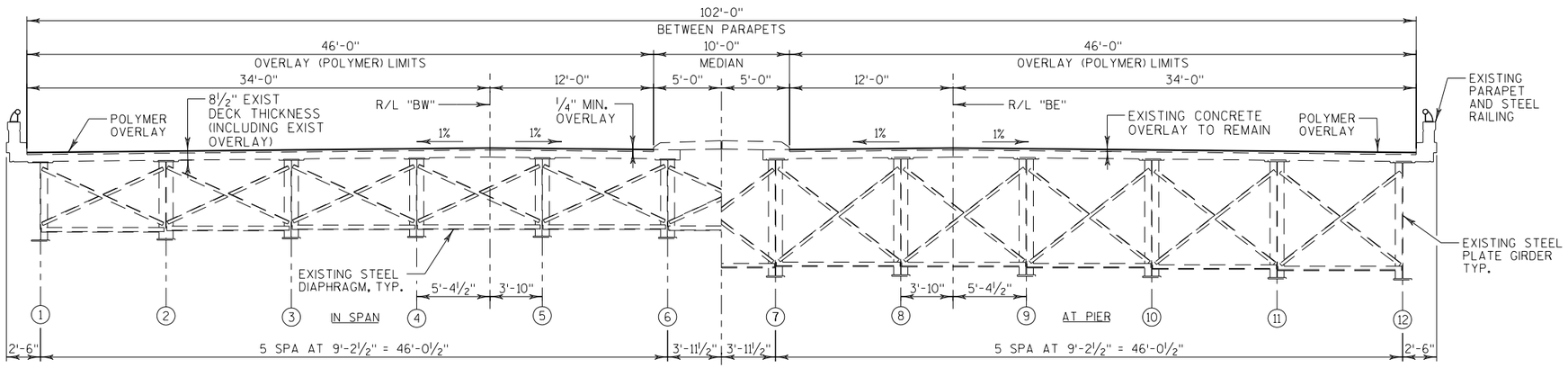


PARAPET REPAIR DETAIL



CURB REPAIR DETAIL

(SECTION THRU MEDIAN)



CROSS SECTION THRU ROADWAY

(LOOKING NORTH)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-23-33

DRAWN BY JAD | PLANS CK'D. SJG

SECTION, NOTES AND QUANTITIES

SHEET 2 OF 3

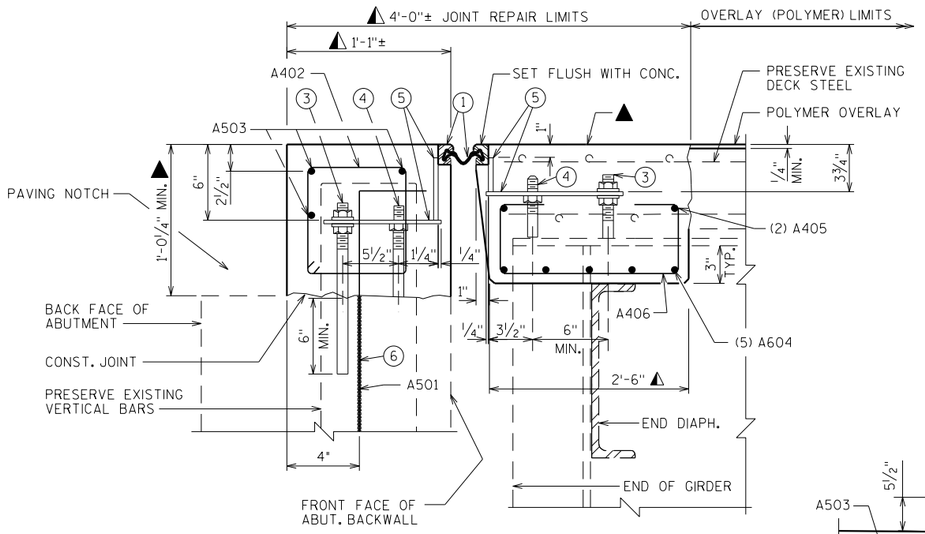
482

8

8

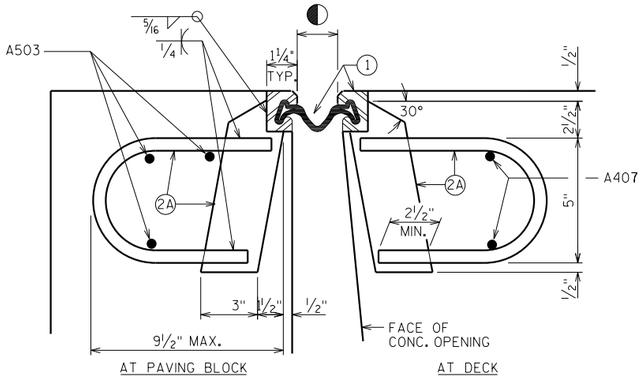
STATE PROJECT NUMBER

1706-02-72



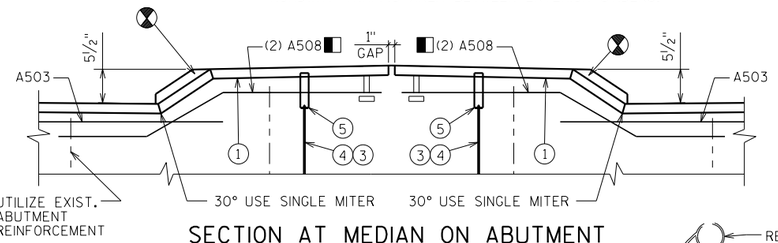
SECTION THRU JOINT AT ABUTMENT

NORMAL TO ℄ SUBSTRUCTURE



SECTION THRU JOINT

ROADWAY TRAFFIC AREA BETWEEN EXTERIOR GIRDERS.



SECTION AT MEDIAN ON ABUTMENT

GENERAL NOTES

ONE FIELD SPLICE PERMITTED IN STEEL EXTRUSIONS. IF USED, DETAILS SHALL BE SUBMITTED FOR APPROVAL. NO SPLICING PERMITTED IN NEOPRENE STRIP SEAL.

AFTER FABRICATION, BUT BEFORE SHIPMENT, STRAIGHTEN STEEL EXTRUSIONS SUCH THAT THEY SHALL BE FREE FROM WARP, TWIST & SWEEP.

FABRICATOR SHALL PROVIDE MEANS OF KEEPING GALVANIZED EXTRUSIONS CLEAN & SMOOTH DURING SHIPMENT AND PRIOR TO APPLYING LUBRICANT ADHESIVE FOR NEOPRENE GLAND INSTALLATION.

SANDBLAST PLATES & EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC SP. #6 "COMMERCIAL BLAST CLEANING". AFTER BLAST CLEANING THE PLATES & EXTRUSIONS SHALL BE HOT DIPPED GALVANIZED.

STRIP SEAL EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS & HARDWARE WILL BE PAID FOR AT THE LUMP SUM PRICE BID FOR "EXPANSION DEVICE B-23-33".

LEGEND

1. NEOPRENE STRIP SEAL (4 - INCH) AND STEEL EXTRUSIONS.
2. STUDS ⅝"Φ X 6⅜" LONG AT 6" ALTERNATE CENTERS. WELD TO EXTRUSIONS & BEND AS SHOWN AFTER WELDING.
2A. ½" THICK ANCHOR PLATE WITH ⅝"Φ ROD (OR ALTERNATE STRIP SEAL ANCHOR). WELD ROD TO ANCHOR PLATE, WELD ANCHOR PLATE TO NO. 1 AT 1'-6" CENTERS BETWEEN GIRDERS.
3. ¾" Φ THREADED ROD WITH 2 NUTS AND PLATE WASHERS. ON GIRDER SIDE WELD THREADED ROD TO TOP FLANGE OR ATTACH BY BOLTING THRU FLANGE. ON ABUTMENT SIDE GROUT THREADED ROD INTO FIELD DRILLED HOLES IN ABUTMENT BACKWALL AS SHOWN.
4. ¾"Φ THREADED ROD WITH NUT. TACK WELD NUT TO NO. 5.
5. FABRICATE SUPPORT FROM 3" X ½" BAR AS SHOWN OR EQUIVALENT, ONE PER GIRDER PER SIDE. FIELD OR SHOP WELD TO NO. 1. IF FIELD WELDED, COVER WELDED AREAS WITH EPOXY-COATING MATERIAL. PROVIDE 1½" Φ HOLE FOR NO. 3 & 1" Φ HOLE FOR NO. 4.
6. ADHESIVE ANCHORS NO. 5 BAR. EMBED 1'-0" IN CONCRETE. SPACE AT 1'-0". TURN HORIZONTAL LEG AS NECESSARY TO FIT.

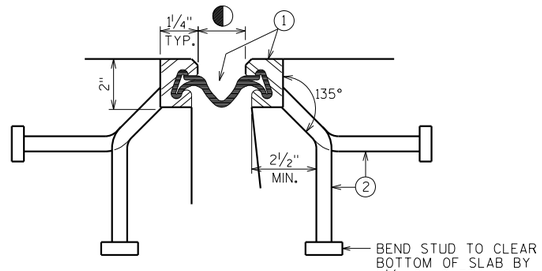
⊠ BLOCK OUT CONCRETE 2" EACH SIDE OF JOINT OPENING.

◭ DIMENSIONS GIVEN ARE NORMAL TO ℄ OF SUBSTRUCTURE UNIT.

◪ BARS PLACED PARALLEL TO GIRDERS. SPACING PERPENDICULAR TO ℄ GIRDERS.

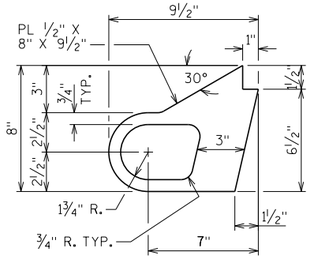
◧ EQUALLY SPACE BARS WITHIN LIMITS OF NEW CONSTRUCTION.

▲ SET TOP OF CONCRETE FOR JOINT REPAIR TO BE FLUSH WITH POLYMER OVERLAY.

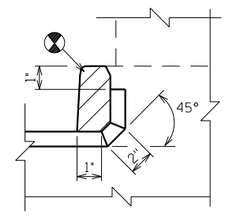


SECTION THRU JOINT

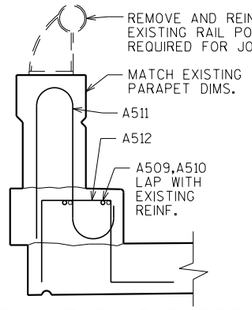
EXTERIOR GIRDER TO EDGE OF SLAB & AT PARAPETS, MEDIANS & SIDEWALKS



ALTERNATE STRIP SEAL ANCHOR



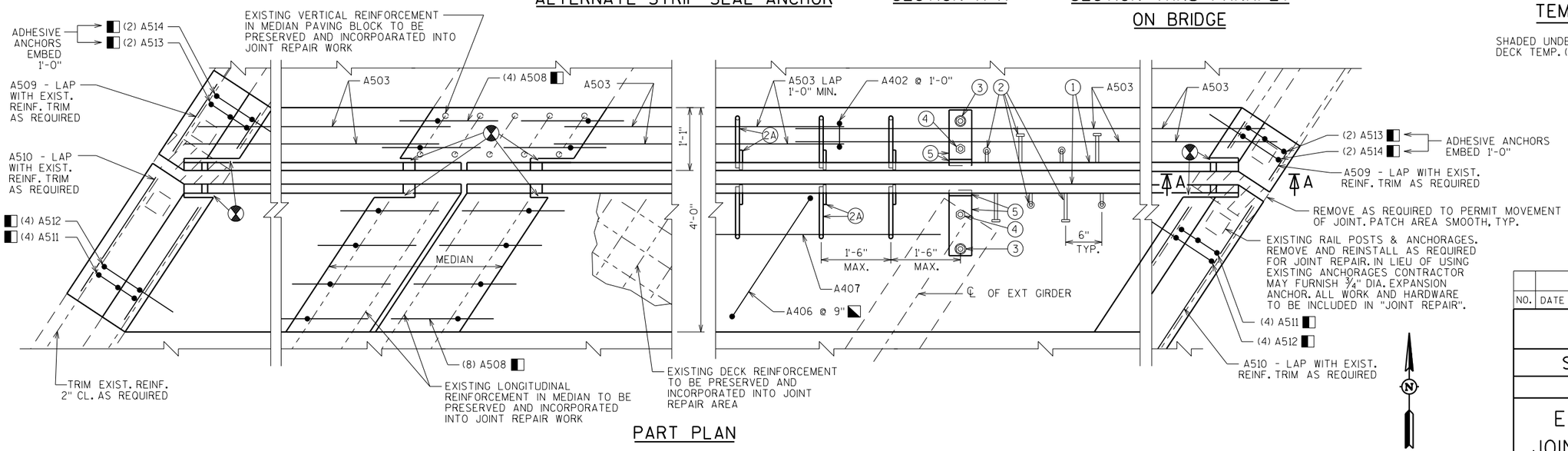
SECTION A-A



SECTION THRU PARAPET ON BRIDGE

TEMPERATURE TABLE

SHADED UNDERSIDE DECK TEMP. (°F)	DIM. MEASURED NORMAL TO JOINT OPENING
90	1⅞"
80	2"
70	2"
60	2⅛"
50	2¼"
40	2¼"
30	2⅜"



PART PLAN

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-23-33

DRAWN BY JAD | PLANS CK'D. SJG

EXPANSION JOINT DETAILS

SHEET 3 OF 3

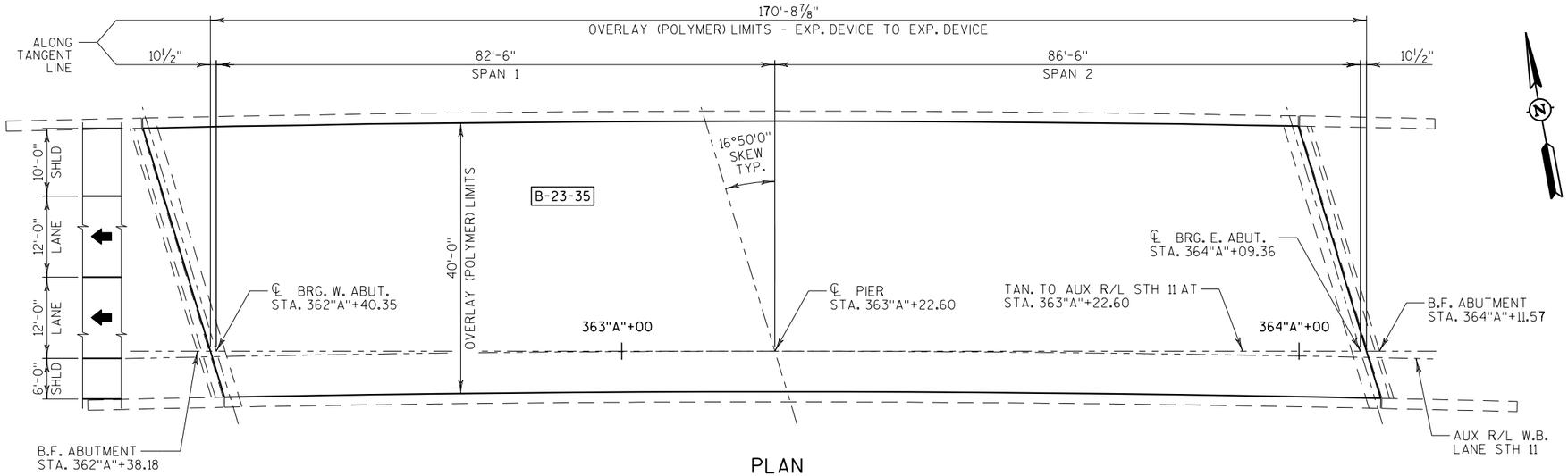
483

8

8

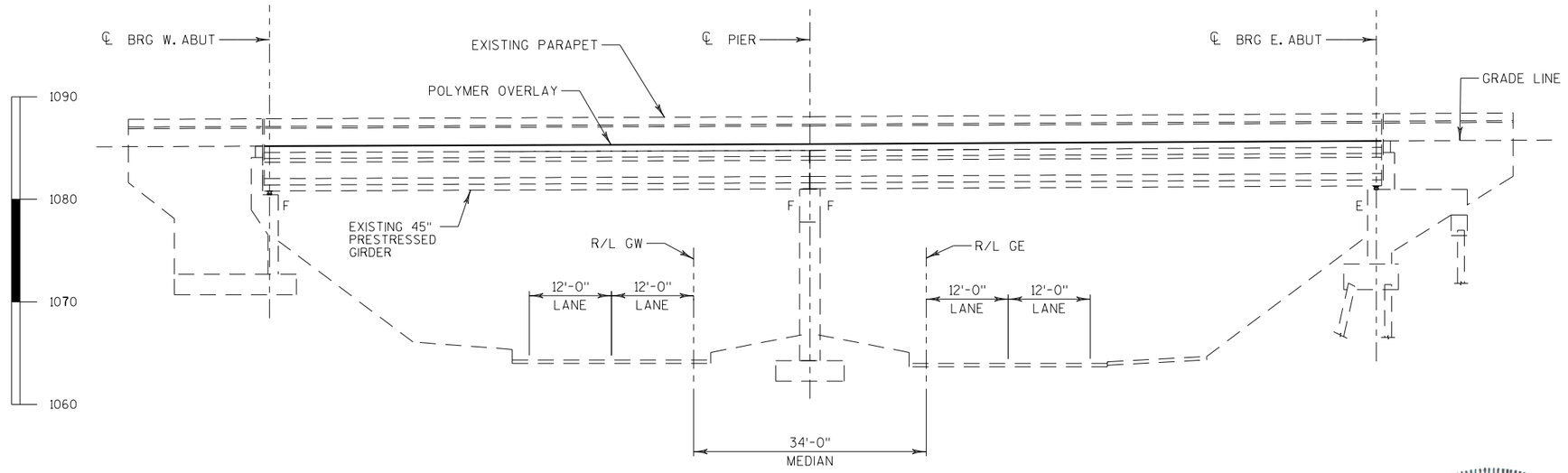
STATE PROJECT NUMBER

1706-02-72



PLAN

(EXISTING 2 SPAN 45" PRESTRESSED CONCRETE GIRDER - POLYMER OVERLAY)



ELEVATION

(LOOKING NORTH)

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEVATION
BM 23-36	289+27EB	DISK SW ROR B-23-36-77	1084.66
BM 23-35	290+76EB	DISK B-23-35	1090.08
BM 320	310+54EB	CHISELED SQUARE NE CORNER MEDIAN INLET	1061.59

DESIGN DATA

LIVE LOAD:

DESIGN LOADING:	HS-20
INVENTORY RATING:	HS-19
OPERATING RATING:	HS-40
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV):	250 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY
DECK REPAIR ---------- f'c = 4,000 P.S.I.

CURVE DATA STH 11

(FROM ORIGINAL STRUCTURE PLANS)

R/L EB		R/L WB	
PI STA.	355+93.44	PI STA.	356"A"+43.39
I	= 259°33'34"	I	= 259°33'34"
Δ	= 79°33'34"	Δ	= 79°33'34"
D	= 1°24'	D	= 1°22'47"
T	= 3407.34 FT	T	= 3457.29 FT
L	= 5682.82 FT	L	= 5766.14 FT
E	= 1232.75 FT	E	= 1250.83 FT
R	= 4092.56 FT	R	= 4152.56 FT
SE	= 0.05 FT/FT	SE	= 0.05 FT/FT

LIST OF DRAWINGS

1. GENERAL PLAN
2. SECTION, NOTES AND QUANTITIES
3. FIBER WRAP REINF. DETAILS

TRAFFIC VOLUME

STH 11	STH 69
A.D.T. = 12,800 (2039)	A.D.T. = 7,800 (2039)
R.D.S. = 70 M.P.H.	R.D.S. = 60 M.P.H.

DESIGN CONTACT:
SCOTT GINAL
(262)-317-3344

BRIDGE OFFICE CONTACT:
WILLIAM DREHER
(608)-266-8489

NO.	DATE	REVISION	BY

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher SDR 02/16/18
CHIEF STRUCTURES DESIGN ENGINEER — DATE

WISCONSIN
SCOTT J. GINAL
E-38680
PORT WASHINGTON, WI
PROFESSIONAL ENGINEER
1/29/2018

STRUCTURE B-23-35

STH 11 WB OVER STH 69

COUNTY: GREEN	~~TOWN~~/CITY/~~VILLAGE~~: MONROE
DESIGN SPEC.	REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JAD	SJG	JAD	SJG

GENERAL PLAN

SHEET 1 OF 3

484

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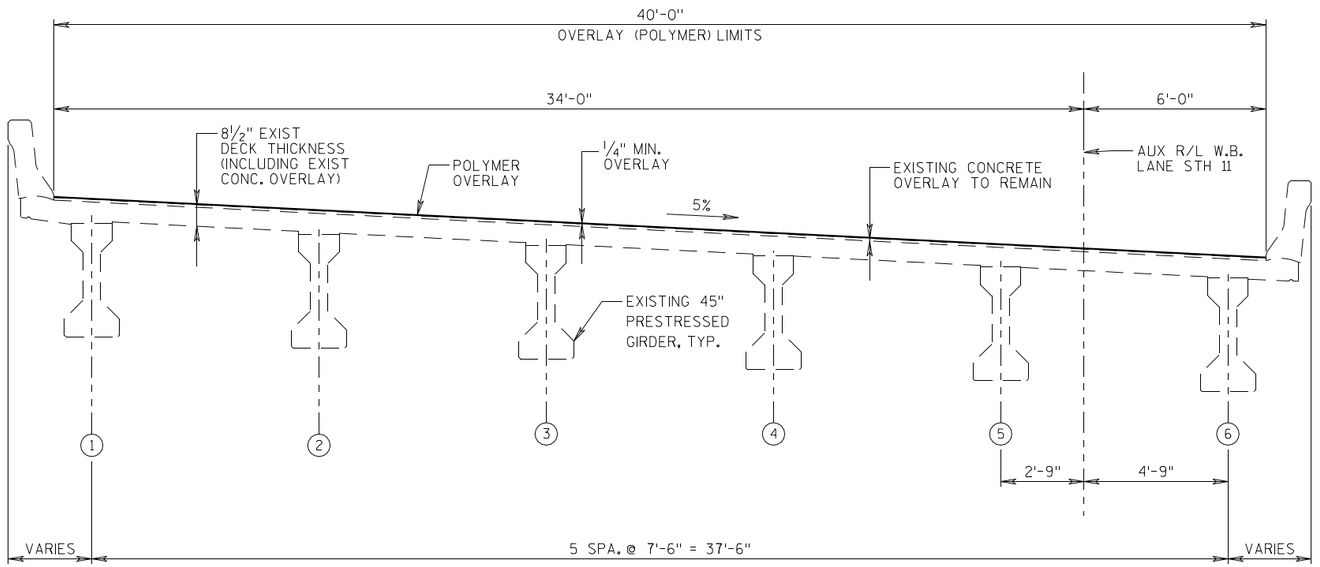
8

STATE PROJECT NUMBER

1706-02-72

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	QUANTITY
509.0301	PREPARATION DECKS TYPE 1	SY	5
509.0302	PREPARATION DECKS TYPE 2	SY	2
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	50
509.1500	CONCRETE SURFACE REPAIR	SF	10
509.2000	FULL-DEPTH DECK REPAIR	SY	1
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	1
509.5100.S	POLYMER OVERLAY	SY	759
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	15
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	2
SPV.0165.01	FIBER WRAP GIRDER REINFORCING	SF	288



CROSS SECTION THRU ROADWAY

(LOOKING EAST)

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY DECK REPAIR".

AREA OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.

CLEAN AND FILL EXISTING CRACKS IN ABUTMENTS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER. CRACK REPAIR PAID UNDER BID ITEM "EPOXY INJECTION CRACK REPAIR".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1/4" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. IF EXPECTED OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/4", CONTACT THE STRUCTURES DESIGN SECTION.

CONCRETE QUANTITY NEEDED FOR BID ITEM "FULL-DEPTH DECK REPAIR" SHALL BE PAID UNDER BID ITEM "CONCRETE MASONRY DECK REPAIR".

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A FIBER-REINFORCED POLYMER (FRP) STRENGTHENING SYSTEM SHALL BE DESIGNED AND APPLIED TO PORTIONS OF THE EXISTING GIRDERS AS SHOWN ON SHEET "FIBER WRAP REINF. DETAILS" AND IN ACCORDANCE WITH THE "FIBER WRAP GIRDER REINFORCING" SPECIAL PROVISION.

REMOVE ANY/ALL LOOSE CONCRETE AT THE SUBSTRUCTURES UNDER THE BID ITEM "CONCRETE SURFACE REPAIR". SURFACES SHALL BE BLAST CLEANED AND ANY EXPOSED STEEL SHALL BE BRUSH CLEANED TO BARE STEEL PRIOR TO THE CONCRETE SURFACE REPAIRS BEING COMPLETED. REPAIR AREAS SHALL BE DETERMINED BY THE FIELD ENGINEER.

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-23-35

DRAWN BY JAD | PLANS CK'D. SJG

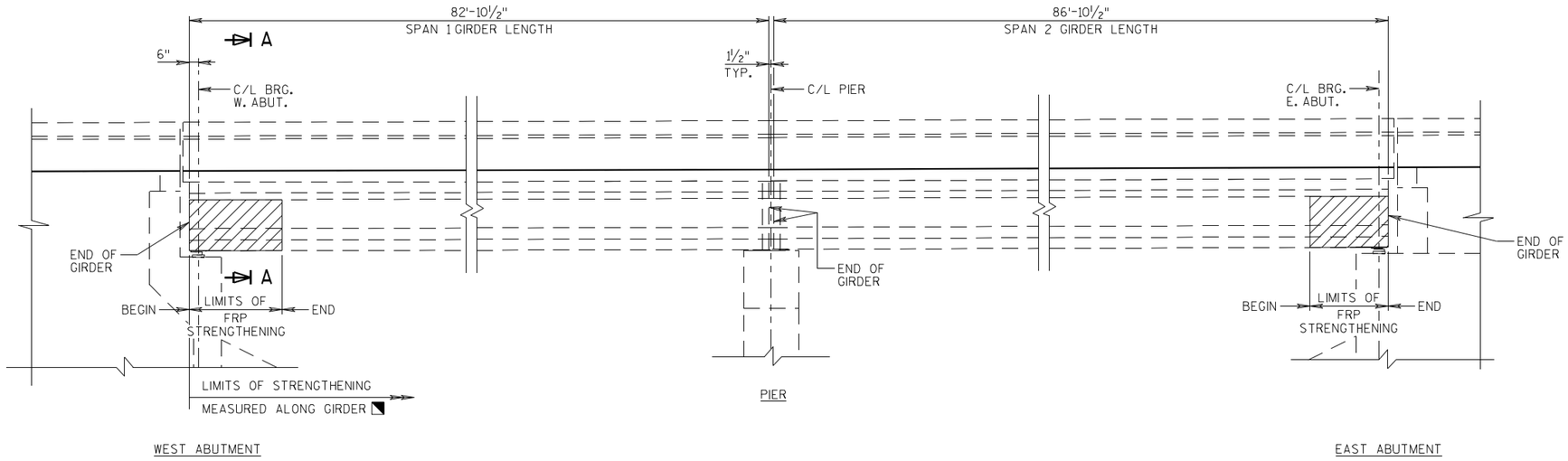
SECTION, NOTES AND QUANTITIES

SHEET 2 OF 3

485

STATE PROJECT NUMBER

1706-02-72



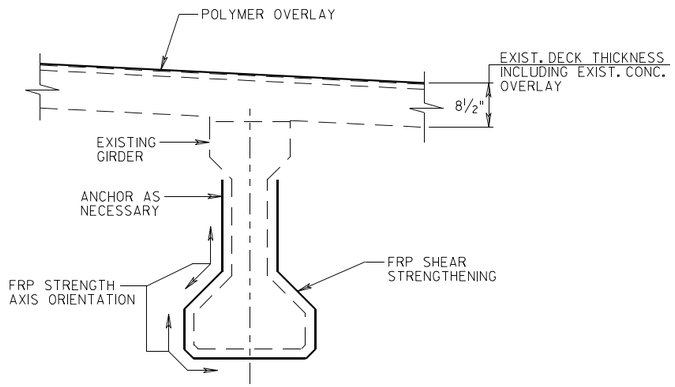
PART LONGITUDINAL SECTION

SHOWING FIBER WRAP REINFORCING LIMITS

NOTES

FOR ADDITIONAL FIBER-REINFORCED POLYMER (FRP) NOTES/INSTRUCTIONS SEE "SECTIONS, NOTES & QUANTITIES" SHEET.

FRP STRENGTHENING SHALL BE IN ACCORDANCE WITH THE "FIBER WRAP GIRDER REINFORCING" SPECIAL PROVISION.



SECTION A-A

◥ LIMITS OF STRENGTHENING MEASURED FROM WESTERN-MOST GIRDER END FOR ALL SPANS.

SPAN	GIRDER NO.	BEGIN (FT) ◥	END (FT) ◥	EXIST. FACTORED SHEAR CAPACITY (KIPS)	ADD. FACTORED SHEAR CAPACITY REQ'D (KIPS)
1	1 & 6	0.00	3.00	159.57	53.19
1	2-5	0.00	3.00	156.84	52.28
2	1 & 6	83.875	86.875	172.28	57.43
2	2-5	83.875	86.875	169.59	56.53

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-23-35

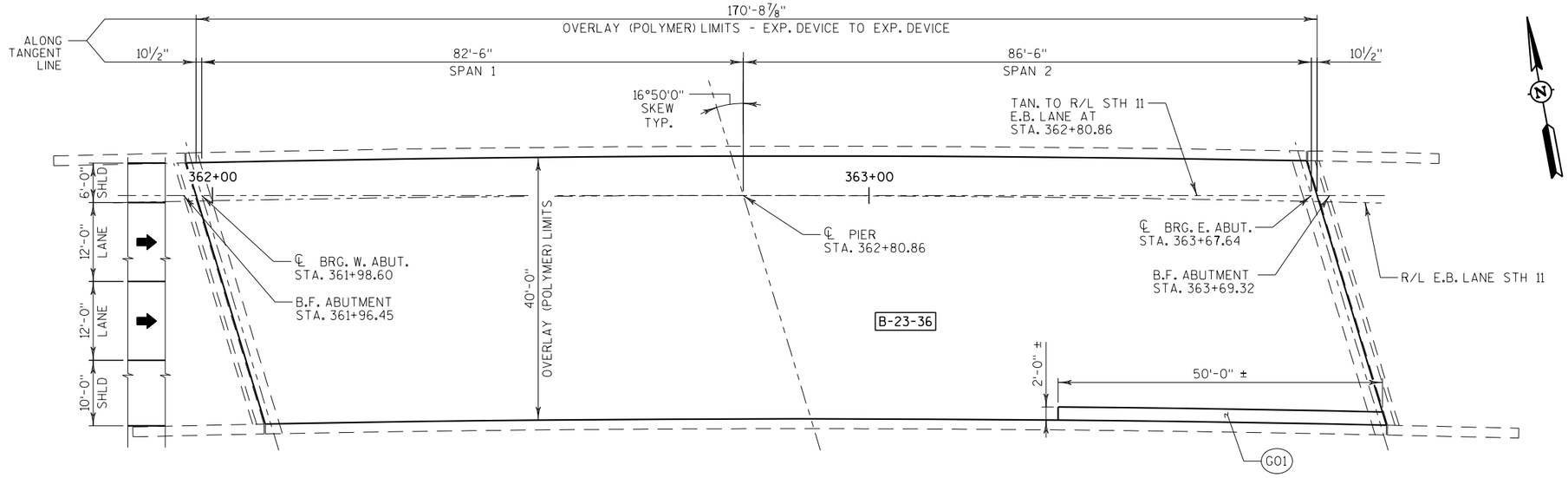
DRAWN BY JAD | PLANS CK'D. SJG

FIBER WRAP
REINF. DETAILS

SHEET 3 OF 3

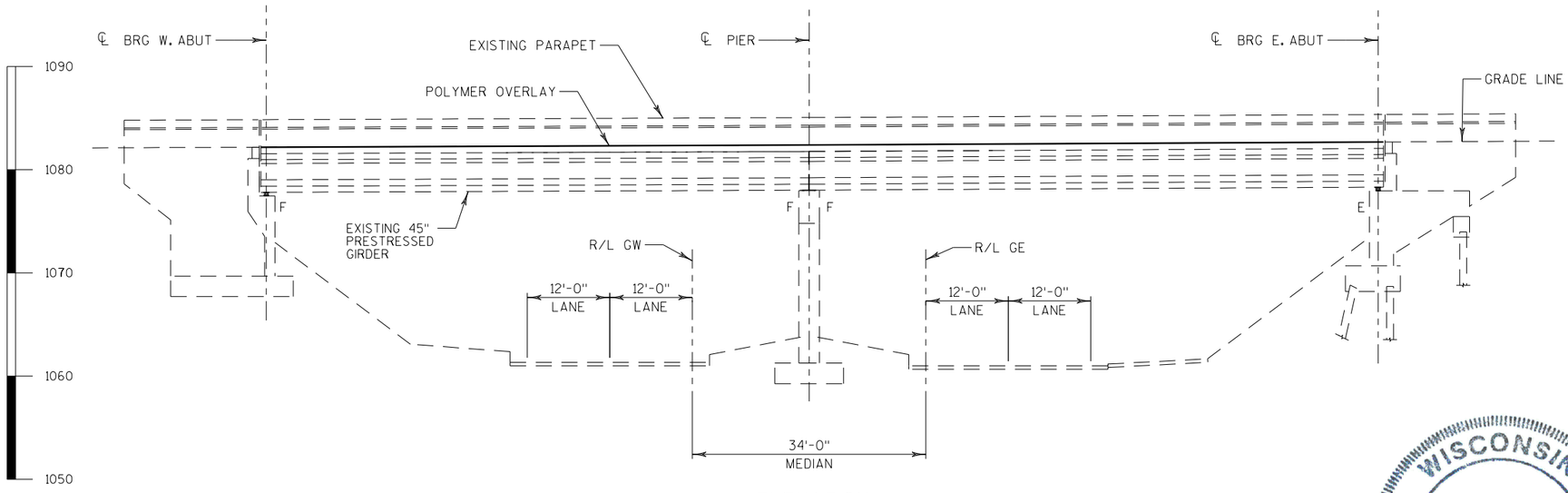
STATE PROJECT NUMBER

1706-02-72



PLAN

(EXISTING 2 SPAN 45" PRESTRESSED CONCRETE GIRDER - POLYMER OVERLAY)



ELEVATION

(LOOKING NORTH)

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEVATION
BM 23-36	289+27EB	DISK SW ROR B-23-36-77	1084.66
BM 23-35	290+76EB	DISK B-23-35	1090.08
BM 320	310+54EB	CHISELED SQUARE NE CORNER MEDIAN INLET	1061.59

LEGEND

(G01) LOW AREA THAT CREATES PONDING DURING RAINFALL EVENTS. RAISE LOW SPOT DURING OVERLAY APPLICATION. ADDITIONAL OVERLAY THICKNESS REQUIRED IS LESS THAN 1" AND IS INCLUDED IN BID ITEM "POLYMER OVERLAY".

DESIGN DATA

LIVE LOAD:

DESIGN LOADING:	HS-20
INVENTORY RATING:	HS-19
OPERATING RATING:	HS-40
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV):	250 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY
DECK REPAIR ---------- f'c = 4,000 P.S.I.

CURVE DATA STH 11

(FROM ORIGINAL STRUCTURE PLANS)

R/L EB		R/L WB	
PI STA.	355+93.44	PI STA.	356"A"+43.39
I	= 259°33'34"	I	= 259°33'34"
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D	= 1°24'	D	= 1°22'47"
T	= 3407.34 FT	T	= 3457.29 FT
L	= 5682.82 FT	L	= 5766.14 FT
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R	= 4092.56 FT	R	= 4152.56 FT
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LIST OF DRAWINGS

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TRAFFIC VOLUME

STH 11	STH 69
A.D.T. = 12,800 (2039)	A.D.T. = 7,800 (2039)
R.D.S. = 70 M.P.H.	R.D.S. = 60 M.P.H.

DESIGN CONTACT: SCOTT GINAL (262)-317-3344

BRIDGE OFFICE CONTACT: WILLIAM DREHER (608)-266-8489

NO.	DATE	REVISION	BY

raSmith
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16745 W. Bluemound Road
Brookfield, WI 53005-5938
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rasmith.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher SDR 02/07/18
CHIEF STRUCTURES DESIGN ENGINEER — DATE

WISCONSIN
SCOTT J. GINAL
E-38680
PORT WASHINGTON, WI
PROFESSIONAL ENGINEER
1/29/2018

STRUCTURE B-23-36

STH 11 EB OVER STH 69

COUNTY: GREEN	~~TOWN~~/CITY/~~VILLAGE~~: MONROE
DESIGN SPEC.: REHABILITATION N/A	
DESIGNED BY: JAD	DESIGN CK'D.: SJG
DRAWN BY: JAD	PLANS CK'D.: SJG

GENERAL PLAN

SHEET 1 OF 3
487

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8

STATE PROJECT NUMBER

1706-02-72

TOTAL ESTIMATED QUANTITIES

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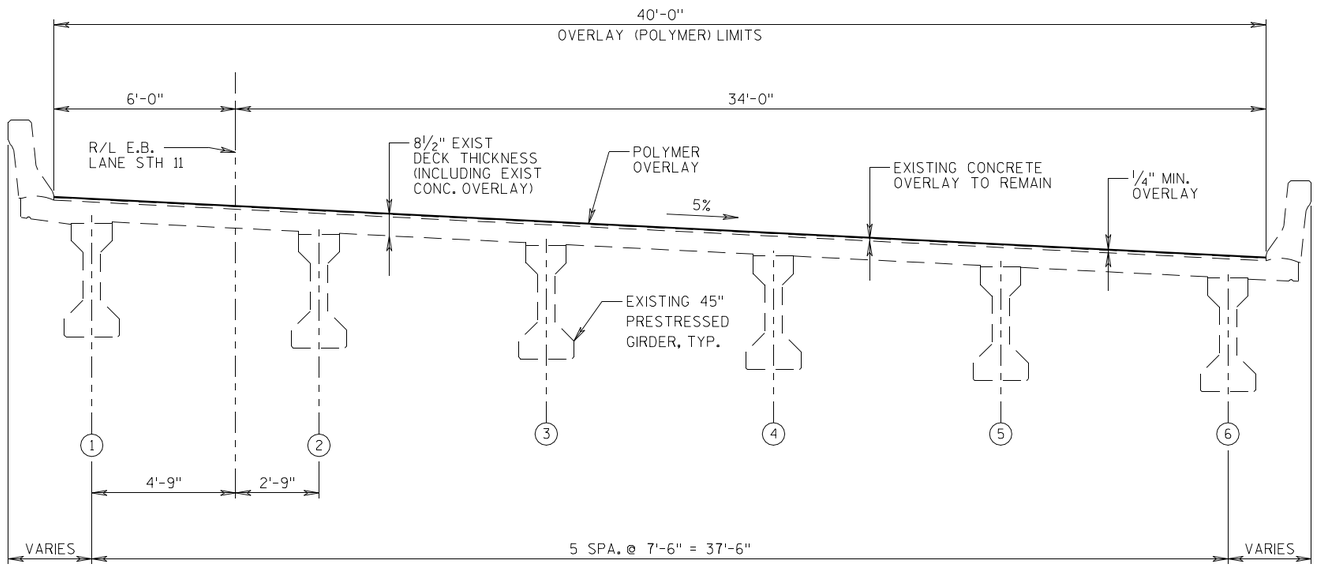
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	1
509.5100.S	POLYMER OVERLAY	SY	759
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	15
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	2
SPV.0165.01	FIBER WRAP GIRDER REINFORCING	SF	288



CROSS SECTION THRU ROADWAY

(LOOKING EAST)

GENERAL NOTES

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8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-23-36

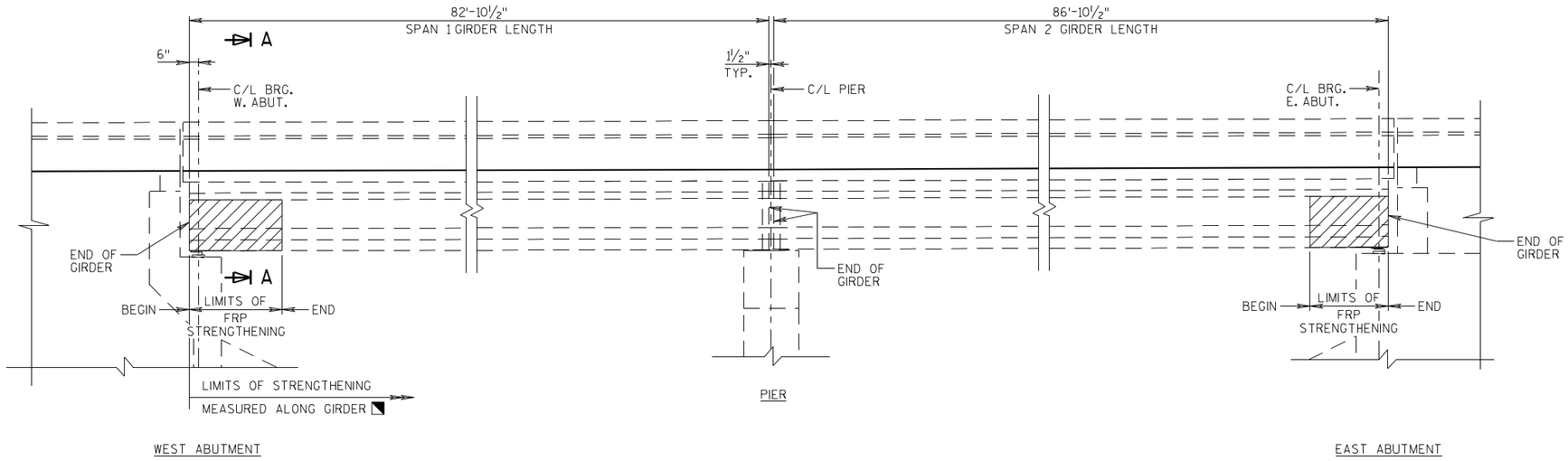
DRAWN BY JAD | PLANS CK'D. SJG

SECTION, NOTES AND QUANTITIES

SHEET 2 OF 3

488

STATE PROJECT NUMBER
1706-02-72



PART LONGITUDINAL SECTION

SHOWING FIBER WRAP REINFORCING LIMITS

NOTES

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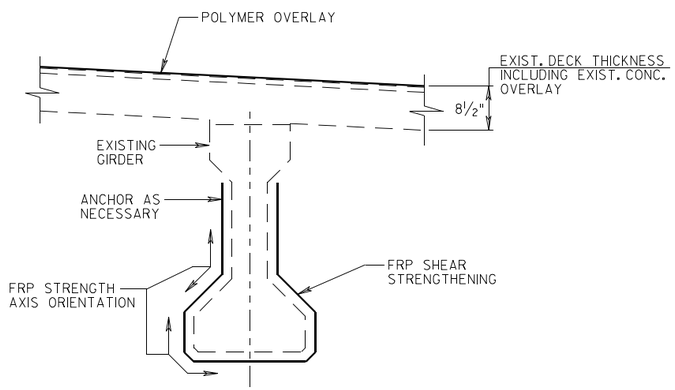

SECTION A-A

◥ LIMITS OF STRENGTHENING MEASURED FROM WESTERN-MOST GIRDER END FOR ALL SPANS.

SPAN	GIRDER NO.	BEGIN (FT) ◥	END (FT) ◥	EXIST. FACTORED SHEAR CAPACITY (KIPS)	ADD. FACTORED SHEAR CAPACITY REQ'D (KIPS)
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2	2-5	83.875	86.875	169.59	56.53

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-23-36

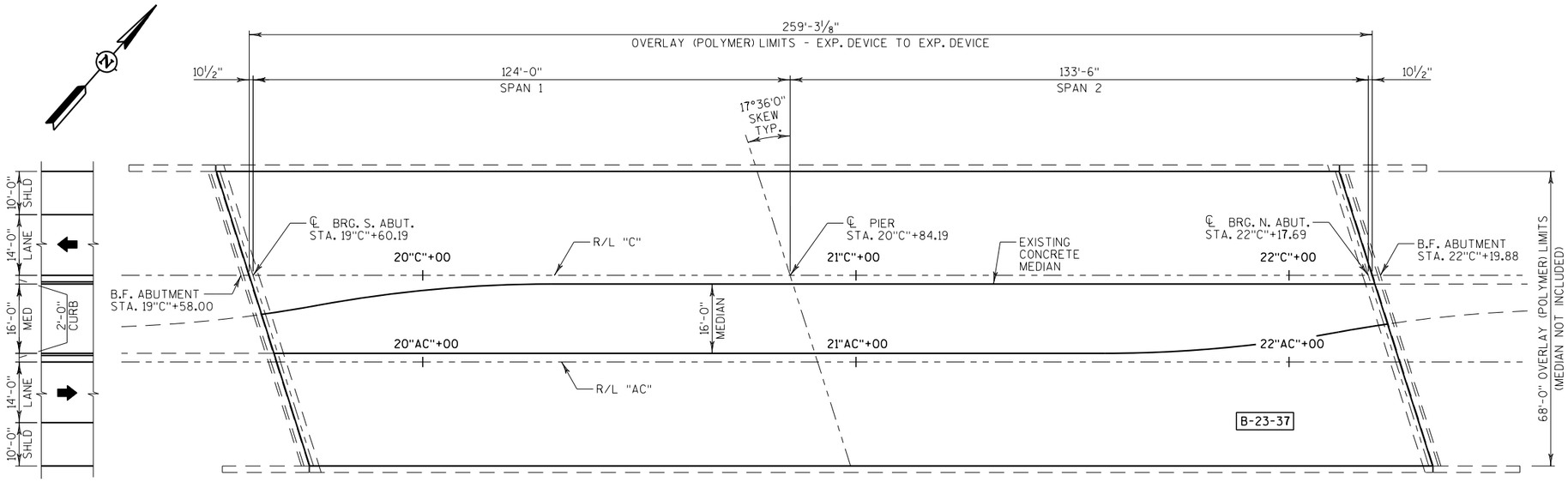
DRAWN BY JAD | PLANS CK'D. SJG

FIBER WRAP
REINF. DETAILS

SHEET 3 OF 3

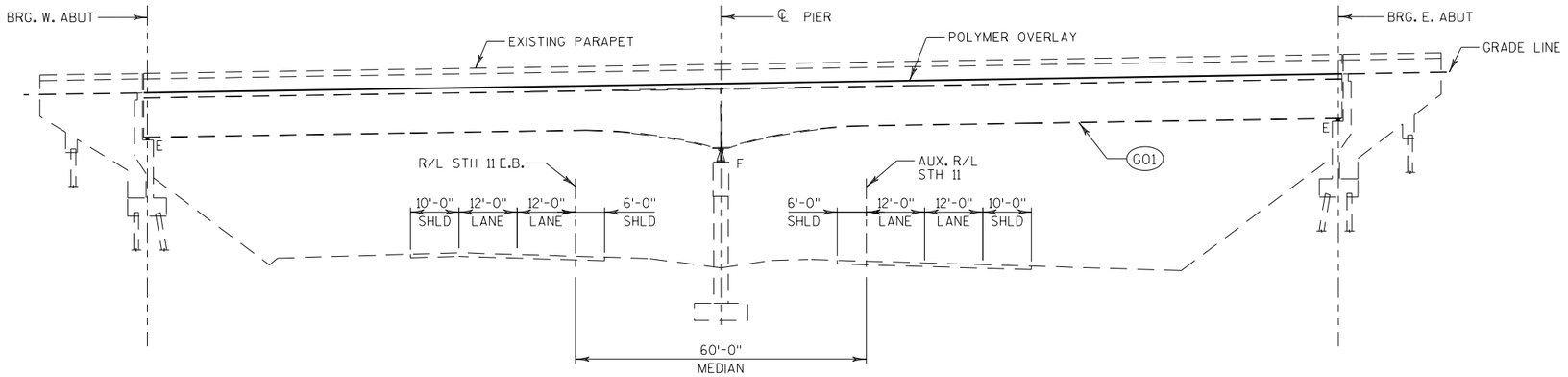
STATE PROJECT NUMBER

1706-02-72



PLAN

(2 SPAN CONTINUOUS STEEL PLATE GIRDER - POLYMER OVERLAY)



ELEVATION

(LOOKING WEST)

BENCHMARKS

NO.	STATION	DESCRIPTION	ELEVATION
BM 321	323+31EB	CHISELED SQUARE SW CORNER MEDIAN INLET	1075.04
BM 322	340+62EB	CHISELED SQUARE SE CORNER MEDIAN INLET	1076.31
BM 23-37	346+61EB	DISK SE CORNER B-23-37-77	1090.87

LEGEND

(G01) PARTIAL GIRDER REPAINTING LOCATIONS SHALL BE AS DIRECTED BY FIELD ENGINEER.

DESIGN DATA

LIVE LOAD:

DESIGN LOADING:	HS-20
INVENTORY RATING:	HS-18
OPERATING RATING:	HS-30
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV):	190 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY
DECK REPAIR ---------- f'c = 4,000 P.S.I.

LIST OF DRAWINGS

1. GENERAL PLAN
2. SECTION, NOTES AND QUANTITIES

TRAFFIC VOLUME

STH 59	STH 11
A.D.T. = 3,950 (2039)	A.D.T. = 9,000 (2039)
R.D.S. = 60 M.P.H.	R.D.S. = 70 M.P.H.

DESIGN CONTACT:
SCOTT GINAL
(262)-317-3344

BRIDGE OFFICE CONTACT:
WILLIAM DREHER
(608)-266-8489

NO.	DATE	REVISION	BY

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

WISCONSIN
SCOTT J. GINAL
E-38680
PORT WASHINGTON, WI
PROFESSIONAL ENGINEER
1/29/2018

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher SDR 02/16/18
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-23-37

STH 59 OVER STH 11

COUNTY: GREEN	~~TOWN~~/CITY/~~VILLAGE~~: MONROE
DESIGN SPEC.	REHABILITATION N/A
DESIGNED BY: JAD	DESIGN CK'D.: SJG
DRAWN BY: JAD	PLANS CK'D.: SJG

GENERAL PLAN

SHEET 1 OF 2
490

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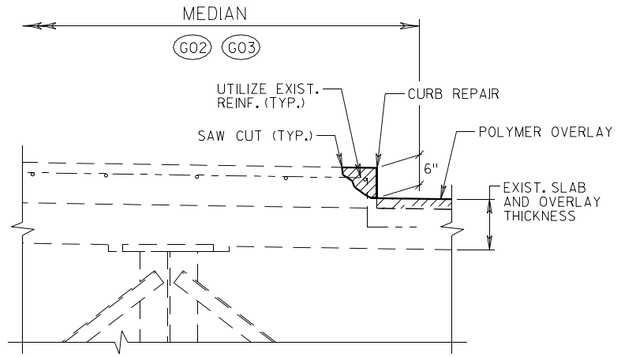
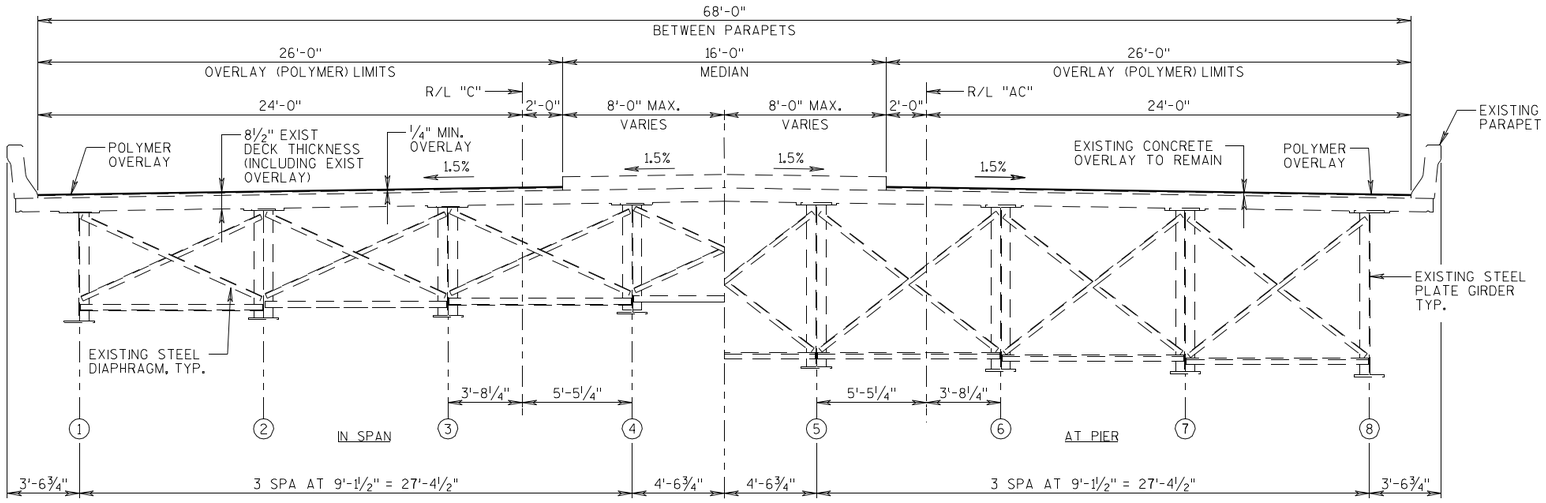
STATE PROJECT NUMBER
1706-02-72

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	QUANTITY
502.3200	PROTECTIVE SURFACE TREATMENT	SY	425
509.0301	PREPARATION DECKS TYPE 1	SY	5
509.0302	PREPARATION DECKS TYPE 2	SY	2
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	50
509.0400.S	CLEANING CONCRETE SURFACES	SY	425
509.1200	CURB REPAIR	LF	100
509.2000	FULL-DEPTH DECK REPAIR	SY	1
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	2
509.5100.S	POLYMER OVERLAY	SY	1,536
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	73
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	2
517.1800.S.01	STRUCTURE REPAINTING RECYCLED ABRASIVE B-23-37	LS	1
517.4500.S.01	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-23-37	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1



CURB REPAIR DETAIL



CROSS SECTION THRU ROADWAY

(LOOKING NORTH)

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY DECK REPAIR".

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1-INCH DEEP SAW CUT.

AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.

AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1½" CLEAR BEYOND REINFORCING.

CLEAN AND FILL EXISTING CRACKS IN ABUTMENTS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER. CRACK REPAIR PAID UNDER BID ITEM "EPOXY INJECTION CRACK REPAIR".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1/4" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. IF EXPECTED OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/4", CONTACT THE STRUCTURES DESIGN SECTION.

MEDIAN SHALL BE CLEANED PRIOR TO APPLICATION OF "PROTECTIVE SURFACE TREATMENT". CLEANING OF MEDIAN SHALL BE PAID UNDER BID ITEM "CLEANING CONCRETE SURFACES".

CONCRETE QUANTITY NEEDED FOR BID ITEMS "CURB REPAIR" AND "FULL-DEPTH DECK REPAIR" SHALL BE PAID UNDER BID ITEM "CONCRETE MASONRY DECK REPAIR".

THE BID ITEM "STRUCTURE REPAINTING RECYCLED ABRASIVE B-23-37" INCLUDES CLEANING AND SPOT PAINTING ALL STEEL ELEMENTS INCLUDING GIRDERS AND BRACING ELEMENTS AS DIRECTED BY THE FIELD ENGINEER AS WELL AS CLEANING AND REPAINTING THE EXISTING BEARINGS.

THE COLOR OF THE FINISH TOP COAT ON THE STEEL GIRDERS SHALL MATCH THE EXISTING.

LEGEND

(G02) "PROTECTIVE SURFACE TREATMENT" LIMITS

(G03) "CLEANING CONCRETE SURFACES" LIMITS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-23-37

DRAWN BY JAD | PLANS CK'D. SJG

SECTION, NOTES AND QUANTITIES

SHEET 2 OF 2

491

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STAGE 1- CROSSOVER A

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
165+58	16558.00	0.00	0.34	0.00	0.00	0	0	0	0	0	0
166+00	16600.00	42.00	3.94	0.00	0.00	3	0	0	3	0	0
167+00	16700.00	100.00	12.44	0.00	0.00	30	0	0	34	0	0
168+00	16800.00	100.00	20.86	0.00	0.00	62	0	0	95	0	0
169+00	16900.00	100.00	27.10	0.00	0.00	89	0	0	184	0	0
170+00	17000.00	100.00	36.59	0.00	0.00	118	0	0	302	0	0
171+00	17100.00	100.00	39.61	0.00	0.00	141	0	0	443	0	0
172+00	17200.00	100.00	40.86	0.00	0.00	149	0	0	592	0	0
173+00	17300.00	100.00	41.69	0.00	0.00	153	0	0	745	0	0
174+00	17400.00	100.00	24.32	4.36	0.00	122	8	0	867	8	0
175+00	17500.00	100.00	22.82	0.00	0.00	87	8	0	955	16	0
176+00	17600.00	100.00	18.86	0.00	0.00	77	0	0	1,032	16	0
176+42	17642.00	42.00	1.93	0.00	0.00	16	0	0	1,048	16	0
							STH 11 EB SUBTOTAL:		**1,048**	**16**	**0**

STAGE 1 - CROSSOVER B&C

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
212+79.87	21279.87	0.00	10.39	0.00	0.00	0	0	0	0	0	0
213+00	21300.00	20.13	14.85	0.00	0.00	9	0	0	9	0	0
214+00	21400.00	100.00	51.75	8.23	0.00	123	15	0	133	15	0
215+00	21500.00	100.00	59.26	1.12	0.00	206	17	0	338	33	0
216+00	21600.00	100.00	65.11	1.44	0.00	230	5	0	569	37	0
217+00	21700.00	100.00	62.18	5.70	0.00	236	13	0	804	51	0
218+00	21800.00	100.00	53.99	2.66	0.00	215	15	0	1,019	66	0
219+00	21900.00	100.00	53.98	2.79	0.00	200	10	0	1,219	76	0
220+00	22000.00	100.00	51.53	4.67	0.00	195	14	0	1,415	90	0
221+00	22100.00	100.00	44.06	4.26	0.00	177	17	0	1,592	106	0
222+00	22200.00	100.00	24.07	5.08	0.00	126	17	0	1,718	124	0
223+00	22300.00	100.00	20.83	6.68	0.00	83	22	0	1,801	146	0
224+00	22400.00	100.00	21.74	0.00	0.00	79	12	0	1,880	158	0
225+00	22500.00	100.00	16.23	0.00	0.00	70	0	0	1,950	158	0
225+99.6	22599.60	99.60	0.00	0.00	0.00	30	0	0	1,980	158	0
							STH 11 EB SUBTOTAL:		**1,980**	**158**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 1 - CROSSOVER D&E

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut Note 1	Fill	EBS Note 5
260+00	26000.00	0.00	9.29	0.00	0.00	0	0	0	0	0	0
261+00	26100.00	100.00	19.50	0.00	0.00	53	0	0	53	0	0
262+00	26200.00	100.00	24.21	0.72	0.00	81	1	0	134	1	0
263+00	26300.00	100.00	25.63	4.66	0.00	92	10	0	227	11	0
264+00	26400.00	100.00	25.01	3.83	0.00	94	16	0	320	27	0
265+00	26500.00	100.00	24.46	4.56	0.00	92	16	0	412	43	0
266+00	26600.00	100.00	35.70	2.37	0.00	111	13	0	523	55	0
267+00	26700.00	100.00	46.02	2.95	0.00	151	10	0	675	65	0
268+00	26800.00	100.00	51.02	12.38	0.00	180	28	0	854	94	0
269+00	26900.00	100.00	50.85	18.07	0.00	189	56	0	1,043	150	0
270+00	27000.00	100.00	56.09	12.98	0.00	198	58	0	1,241	208	0
271+00	27100.00	100.00	55.40	7.25	0.00	206	37	0	1,448	245	0
272+00	27200.00	100.00	61.00	3.64	0.00	216	20	0	1,663	265	0
273+00	27300.00	100.00	57.02	2.19	0.00	219	11	0	1,882	276	0
274+00	27400.00	100.00	21.97	0.00	0.00	146	4	0	2,028	280	0
275+00	27500.00	100.00	10.16	0.00	0.00	60	0	0	2,087	280	0
							CROSSOVER D&E SUBTOTAL:		**2,087**	**280**	**0**

STAGE 1 - CROSSOVER F&G

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
302+48.04	30248.04	0.00	22.40	0.00	0.00	0	0	0	0	0	0
303+00	30300.00	51.96	33.35	0.00	0.00	54	0	0	54	0	0
304+00	30400.00	100.00	48.38	6.01	0.00	151	11	0	205	11	0
305+00	30500.00	100.00	49.80	11.74	0.00	182	33	0	387	44	0
306+00	30600.00	100.00	47.29	14.18	0.00	180	48	0	567	92	0
307+00	30700.00	100.00	51.09	17.06	0.00	182	58	0	749	150	0
308+00	30800.00	100.00	48.38	13.04	0.00	184	56	0	933	206	0
309+00	30900.00	100.00	46.77	17.85	0.00	176	57	0	1,109	263	0
310+00	31000.00	100.00	48.89	22.00	0.00	177	74	0	1,286	337	0
311+00	31100.00	100.00	51.26	14.80	0.00	185	68	0	1,472	405	0
312+00	31200.00	100.00	46.08	28.43	0.00	180	80	0	1,652	485	0
313+00	31300.00	100.00	44.22	9.47	0.00	167	70	0	1,819	555	0
314+00	31400.00	100.00	37.60	1.01	0.00	152	19	0	1,971	574	0
315+00	31500.00	100.00	27.47	0.34	0.00	121	3	0	2,091	577	0
316+00	31600.00	100.00	24.35	0.42	0.00	96	1	0	2,187	578	0
317+00	31700.00	100.00	19.45	0.00	0.00	81	1	0	2,268	579	0
318+00	31800.00	100.00	14.61	0.00	0.00	63	0	0	2,332	579	0
318+45.28	31845.28	45.28	11.93	0.00	0.00	22	0	0	2,354	579	0
							CROSSOVER F&G SUBTOTAL:		**2,354**	**579**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 1 - CROSSOVER H&I

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
494+84.9	49484.90	0.00	0.00	0.00	0.00	0	0	0	0	0	0
495+00	49500.00	15.10	27.15	4.55	0.00	8	1	0	8	1	0
496+00	49600.00	100.00	28.60	4.04	0.00	103	16	0	111	17	0
497+00	49700.00	100.00	19.84	5.09	0.00	90	17	0	201	34	0
498+00	49800.00	100.00	32.97	6.61	0.00	98	22	0	298	56	0
499+00	49900.00	100.00	30.11	0.58	0.00	117	13	0	415	69	0
500+00	50000.00	100.00	41.76	1.26	0.00	133	3	0	548	72	0
501+00	50100.00	100.00	45.19	0.00	0.00	161	2	0	709	75	0
502+00	50200.00	100.00	31.36	0.00	0.00	142	0	0	851	75	0
503+00	50300.00	100.00	25.20	0.27	0.00	105	1	0	956	75	0
504+00	50400.00	100.00	29.71	0.00	0.00	102	1	0	1,057	76	0
505+00	50500.00	100.00	24.77	7.89	0.00	101	15	0	1,158	90	0
506+00	50600.00	100.00	21.52	18.20	0.00	86	48	0	1,244	139	0
507+00	50700.00	100.00	20.08	32.71	0.00	77	94	0	1,321	233	0
508+00	50800.00	100.00	19.98	40.55	0.00	74	136	0	1,395	369	0
509+00	50900.00	100.00	26.80	36.01	0.00	87	142	0	1,482	510	0
510+00	51000.00	100.00	21.04	31.61	0.00	89	125	0	1,571	636	0
511+00	51100.00	100.00	24.71	0.00	0.00	85	59	0	1,655	694	0
511+75.79	51175.79	75.79	0.00	0.00	0.00	35	0	0	1,690	694	0
							CROSSOVER H&I SUBTOTAL:		**1,690**	**694**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 1 - RAMP J&K

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut Note 1	Fill Note 3	EBS	Cut Note 1	Expanded Fill	Expanded EBS Backfill Note 5
368+00	36800.00	0.00	20.01	0.00	0.00	0	0	0	0	0	0
369+00	36900.00	100.00	52.39	5.74	0.00	134	11	0	134	11	0
370+00	37000.00	100.00	65.80	0.04	0.00	219	11	0	353	21	0
371+00	37100.00	100.00	67.11	0.90	0.00	246	2	0	599	23	0
372+00	37200.00	100.00	65.90	0.75	0.00	246	3	0	845	26	0
373+00	37300.00	100.00	53.65	6.37	0.00	221	13	0	1,067	39	0
374+00	37400.00	100.00	54.21	3.37	0.00	200	18	0	1,266	57	0
375+00	37500.00	100.00	52.98	4.30	0.00	199	14	0	1,465	72	0
376+00	37600.00	100.00	49.47	4.75	0.00	190	17	0	1,655	88	0
377+00	37700.00	100.00	37.37	7.06	0.00	161	22	0	1,816	110	0
378+00	37800.00	100.00	26.16	2.48	0.00	118	18	0	1,933	128	0
379+00	37900.00	100.00	23.48	1.15	0.00	92	7	0	2,025	135	0
380+00	38000.00	100.00	20.62	0.00	0.00	82	2	0	2,107	137	0
381+00	38100.00	100.00	13.48	0.00	0.00	63	0	0	2,170	137	0
381+50	38150.00	50.00	10.04	0.00	0.00	22	0	0	2,192	137	0
							CROSSOVER J&K SUBTOTAL:		**2,192**	**137**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 1 TOTAL: **11,351** **1,864** **0**

STAGE 2 - STH 11 EB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
209+34.09	20934.09	0.00	70.37	0.00	0.00	0	0	0	0	0	0
210+00	21000.00	65.91	66.82	0.00	0.00	167	0	0	167	0	0
211+00	21100.00	100.00	71.64	0.00	0.00	256	0	0	424	0	0
212+00	21200.00	100.00	116.28	0.00	0.00	348	0	0	772	0	0
213+00	21300.00	100.00	107.40	0.02	0.00	414	0	0	1,186	0	0
214+00	21400.00	100.00	103.97	0.00	0.00	391	0	0	1,577	0	0
215+00	21500.00	100.00	90.09	0.10	0.00	359	0	0	1,937	0	0
216+00	21600.00	100.00	90.18	0.71	0.00	334	2	0	2,271	2	0
217+00	21700.00	100.00	89.52	0.28	0.00	333	2	0	2,603	4	0
218+00	21800.00	100.00	89.41	0.18	0.00	331	1	0	2,935	4	0
219+00	21900.00	100.00	90.04	0.07	0.00	332	0	0	3,267	5	0
220+00	22000.00	100.00	92.14	0.00	0.00	337	0	0	3,604	5	0
221+00	22100.00	100.00	106.09	0.00	0.00	367	0	0	3,972	5	0
222+00	22200.00	100.00	106.29	3.69	0.00	393	7	0	4,365	12	0
223+00	22300.00	100.00	106.93	8.25	0.00	395	22	0	4,760	34	0
224+00	22400.00	100.00	106.75	0.77	0.00	396	17	0	5,155	51	0
225+00	22500.00	100.00	109.00	1.83	0.00	400	5	0	5,555	55	0
226+00	22600.00	100.00	104.60	0.94	0.00	396	5	0	5,951	61	0
227+00	22700.00	100.00	61.56	0.00	0.00	308	2	0	6,258	62	0
228+00	22800.00	100.00	60.99	0.00	0.00	227	0	0	6,485	62	0
229+00	22900.00	100.00	59.24	0.00	0.00	223	0	0	6,708	62	0
230+00	23000.00	100.00	62.42	0.00	0.00	225	0	0	6,933	62	0
231+00	23100.00	100.00	84.88	0.00	0.00	273	0	0	7,206	62	0
232+00	23200.00	100.00	88.91	0.01	0.00	322	0	0	7,528	62	0
233+00	23300.00	100.00	90.21	0.00	0.00	332	0	0	7,859	62	0
234+00	23400.00	100.00	97.60	0.00	0.00	348	0	0	8,207	62	0
235+00	23500.00	100.00	96.40	0.00	0.00	359	0	0	8,567	62	0
236+00	23600.00	100.00	97.92	0.00	0.00	360	0	0	8,926	62	0
237+00	23700.00	100.00	99.18	0.00	0.00	365	0	0	9,291	62	0
238+00	23800.00	100.00	98.32	0.00	0.00	366	0	0	9,657	62	0
239+00	23900.00	100.00	104.48	0.00	0.00	376	0	0	10,033	62	0
240+00	24000.00	100.00	108.17	0.00	0.00	394	0	0	10,426	62	0
241+00	24100.00	100.00	104.36	0.00	0.00	394	0	0	10,820	62	0
242+00	24200.00	100.00	114.38	0.00	0.00	405	0	0	11,225	62	0
243+00	24300.00	100.00	200.75	0.00	0.00	584	0	0	11,809	62	0
244+00	24400.00	100.00	136.68	0.00	0.00	625	0	0	12,434	62	0
245+00	24500.00	100.00	112.59	0.00	0.00	462	0	0	12,895	62	0
246+00	24600.00	100.00	97.24	0.17	0.00	389	0	0	13,284	63	0
247+00	24700.00	100.00	83.33	0.11	0.00	334	1	0	13,618	63	0
248+00	24800.00	100.00	80.12	0.36	0.00	303	1	0	13,921	64	0
249+00	24900.00	100.00	82.89	0.34	0.00	302	1	0	14,223	65	0
250+00	25000.00	100.00	95.76	0.00	0.00	331	1	0	14,554	66	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - STH 11 EB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
251+00	25100.00	100.00	100.67	0.00	0.00	364	0	0	14,917	66	0
252+00	25200.00	100.00	112.87	0.00	0.00	395	0	0	15,313	66	0
253+00	25300.00	100.00	118.78	0.00	0.00	429	0	0	15,742	66	0
254+00	25400.00	100.00	83.84	0.00	0.00	375	0	0	16,117	66	0
255+00	25500.00	100.00	83.18	0.00	0.00	309	0	0	16,426	66	0
256+00	25600.00	100.00	77.23	0.00	0.00	297	0	0	16,723	66	0
257+00	25700.00	100.00	76.13	0.00	0.00	284	0	0	17,007	66	0
258+00	25800.00	100.00	68.41	0.00	0.00	268	0	0	17,275	66	0
259+00	25900.00	100.00	62.71	0.01	0.00	243	0	0	17,518	66	0
260+00	26000.00	100.00	60.40	0.04	0.00	228	0	0	17,746	66	0
261+00	26100.00	100.00	66.30	0.00	0.00	235	0	0	17,980	66	0
262+00	26200.00	100.00	68.58	0.00	0.00	250	0	0	18,230	66	0
263+00	26300.00	100.00	106.89	0.01	0.00	325	0	0	18,555	66	0
264+00	26400.00	100.00	97.92	0.18	0.00	379	0	0	18,934	67	0
265+00	26500.00	100.00	106.41	0.08	0.00	378	0	0	19,313	67	0
266+00	26600.00	100.00	115.29	0.00	0.00	411	0	0	19,723	67	0
267+00	26700.00	100.00	115.25	0.01	0.00	427	0	0	20,150	67	0
268+00	26800.00	100.00	117.69	0.07	0.00	431	0	0	20,581	67	0
269+00	26900.00	100.00	119.26	0.04	0.00	439	0	0	21,020	68	0
270+00	27000.00	100.00	123.43	0.00	0.00	449	0	0	21,470	68	0
271+00	27100.00	100.00	125.56	0.00	0.00	461	0	0	21,931	68	0
272+00	27200.00	100.00	125.40	2.22	0.00	465	4	0	22,396	72	0
273+00	27300.00	100.00	120.74	0.78	0.00	456	6	0	22,851	77	0
274+00	27400.00	100.00	116.68	2.14	0.00	440	5	0	23,291	83	0
275+00	27500.00	100.00	107.50	0.04	0.00	415	4	0	23,706	87	0
276+00	27600.00	100.00	61.10	0.14	0.00	312	0	0	24,018	87	0
277+00	27700.00	100.00	56.92	0.15	0.00	219	1	0	24,237	88	0
278+00	27800.00	100.00	59.09	0.03	0.00	215	0	0	24,452	88	0
279+00	27900.00	100.00	64.89	0.01	0.00	230	0	0	24,681	88	0
280+00	28000.00	100.00	71.82	0.00	0.00	253	0	0	24,935	88	0
281+00	28100.00	100.00	76.73	0.00	0.00	275	0	0	25,210	88	0
282+00	28200.00	100.00	106.31	0.00	0.00	339	0	0	25,549	88	0
283+00	28300.00	100.00	102.48	0.00	0.00	387	0	0	25,935	88	0
284+00	28400.00	100.00	99.93	0.00	0.00	375	0	0	26,310	88	0
285+00	28500.00	100.00	94.61	0.07	0.00	360	0	0	26,670	88	0
286+00	28600.00	100.00	100.16	1.01	0.00	361	2	0	27,031	90	0
287+00	28700.00	100.00	91.47	1.67	0.00	355	5	0	27,386	95	0
288+00	28800.00	100.00	87.10	0.97	0.00	331	5	0	27,717	100	0
289+00	28900.00	100.00	90.37	2.12	0.00	329	6	0	28,045	106	0
289+17.12	28917.12	17.12	-7.16	3.50	0.00	26	2	0	28,072	108	0
291+27.68	29127.68	210.56	-4.80	1.76	0.00	-47	20	0	28,025	128	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - STH 11 EB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
292+00	29200.00	72.32	101.36	2.12	0.00	129	5	0	28,154	133	0
293+00	29300.00	100.00	92.83	1.64	0.00	360	7	0	28,514	140	0
294+00	29400.00	100.00	96.11	2.30	0.00	350	7	0	28,864	148	0
295+00	29500.00	100.00	94.96	3.60	0.00	354	11	0	29,218	159	0
296+00	29600.00	100.00	85.25	0.34	0.00	334	7	0	29,551	166	0
297+00	29700.00	100.00	85.36	0.00	0.00	316	1	0	29,867	166	0
298+00	29800.00	100.00	98.54	0.00	0.00	341	0	0	30,208	166	0
299+00	29900.00	100.00	78.34	0.00	0.00	328	0	0	30,535	166	0
300+00	30000.00	100.00	71.69	0.00	0.00	278	0	0	30,813	166	0
301+00	30100.00	100.00	68.04	0.00	0.00	259	0	0	31,072	166	0
302+00	30200.00	100.00	62.98	0.00	0.00	243	0	0	31,315	166	0
303+00	30300.00	100.00	59.14	0.01	0.00	226	0	0	31,541	166	0
304+00	30400.00	100.00	57.20	0.07	0.00	215	0	0	31,756	167	0
305+00	30500.00	100.00	59.64	0.32	0.00	216	1	0	31,973	167	0
306+00	30600.00	100.00	59.94	0.47	0.00	221	1	0	32,194	169	0
307+00	30700.00	100.00	60.61	0.04	0.00	223	1	0	32,417	170	0
308+00	30800.00	100.00	63.55	0.02	0.00	230	0	0	32,647	170	0
309+00	30900.00	100.00	65.20	0.00	0.00	238	0	0	32,886	170	0
310+00	31000.00	100.00	67.64	0.00	0.00	246	0	0	33,132	170	0
311+00	31100.00	100.00	66.95	0.00	0.00	249	0	0	33,381	170	0
312+00	31200.00	100.00	90.93	0.01	0.00	292	0	0	33,673	170	0
313+00	31300.00	100.00	101.18	0.00	0.00	356	0	0	34,029	170	0
314+00	31400.00	100.00	101.61	0.00	0.00	376	0	0	34,405	170	0
315+00	31500.00	100.00	110.77	0.00	0.00	393	0	0	34,798	170	0
316+00	31600.00	100.00	112.96	0.00	0.00	414	0	0	35,212	170	0
317+00	31700.00	100.00	108.59	0.00	0.00	410	0	0	35,622	170	0
318+00	31800.00	100.00	97.99	0.00	0.00	383	0	0	36,005	170	0
319+00	31900.00	100.00	94.39	0.00	0.00	356	0	0	36,361	170	0
320+00	32000.00	100.00	88.79	0.00	0.00	339	0	0	36,700	170	0
321+00	32100.00	100.00	79.00	0.00	0.00	311	0	0	37,011	170	0
322+00	32200.00	100.00	79.72	0.00	0.00	294	0	0	37,305	170	0
323+00	32300.00	100.00	71.95	0.03	0.00	281	0	0	37,586	170	0
324+00	32400.00	100.00	75.25	0.00	0.00	273	0	0	37,859	170	0
325+00	32500.00	100.00	80.66	0.00	0.00	289	0	0	38,147	170	0
326+00	32600.00	100.00	88.00	0.00	0.00	312	0	0	38,460	170	0
327+00	32700.00	100.00	86.28	0.00	0.00	323	0	0	38,782	170	0
328+00	32800.00	100.00	85.20	0.00	0.00	318	0	0	39,100	170	0
329+00	32900.00	100.00	79.34	0.00	0.00	305	0	0	39,405	170	0
330+00	33000.00	100.00	75.69	0.01	0.00	287	0	0	39,692	170	0
331+00	33100.00	100.00	79.71	0.02	0.00	288	0	0	39,979	170	0
332+00	33200.00	100.00	59.12	0.00	0.00	257	0	0	40,237	170	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - STH 11 EB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
333+00	33300.00	100.00	57.00	0.12	0.00	215	0	0	40,452	170	0
334+00	33400.00	100.00	59.01	0.12	0.00	215	0	0	40,666	171	0
335+00	33500.00	100.00	61.95	0.00	0.00	224	0	0	40,890	171	0
336+00	33600.00	100.00	65.23	0.00	0.00	236	0	0	41,126	171	0
337+00	33700.00	100.00	95.43	0.00	0.00	298	0	0	41,423	171	0
338+00	33800.00	100.00	90.23	0.05	0.00	344	0	0	41,767	171	0
339+00	33900.00	100.00	99.56	0.00	0.00	351	0	0	42,119	171	0
340+00	34000.00	100.00	105.68	0.00	0.00	380	0	0	42,499	171	0
341+00	34100.00	100.00	111.09	0.00	0.00	401	0	0	42,900	171	0
342+00	34200.00	100.00	106.43	0.00	0.00	403	0	0	43,303	171	0
343+00	34300.00	100.00	105.90	0.00	0.00	393	0	0	43,696	171	0
344+00	34400.00	100.00	112.83	0.00	0.00	405	0	0	44,101	171	0
345+00	34500.00	100.00	110.06	0.30	0.00	413	1	0	44,514	172	0
346+00	34600.00	100.00	108.34	6.39	0.00	404	12	0	44,919	184	0
347+00	34700.00	100.00	102.57	2.91	0.00	391	17	0	45,309	201	0
348+00	34800.00	100.00	114.51	0.00	0.00	402	5	0	45,711	207	0
349+00	34900.00	100.00	106.96	0.38	0.00	410	1	0	46,121	208	0
350+00	35000.00	100.00	103.55	0.00	0.00	390	1	0	46,511	208	0
351+00	35100.00	100.00	98.08	0.00	0.00	373	0	0	46,884	208	0
352+00	35200.00	100.00	92.39	0.00	0.00	353	0	0	47,237	208	0
353+00	35300.00	100.00	87.81	0.00	0.00	334	0	0	47,571	208	0
354+00	35400.00	100.00	83.73	0.12	0.00	318	0	0	47,889	208	0
355+00	35500.00	100.00	74.50	0.01	0.00	293	0	0	48,182	209	0
356+00	35600.00	100.00	64.87	0.62	0.00	258	1	0	48,440	210	0
357+00	35700.00	100.00	56.43	1.05	0.00	225	3	0	48,664	213	0
358+00	35800.00	100.00	60.14	0.74	0.00	216	3	0	48,880	216	0
359+00	35900.00	100.00	49.80	0.07	0.00	204	1	0	49,084	218	0
360+00	36000.00	100.00	57.69	0.00	0.00	199	0	0	49,283	218	0
361+00	36100.00	100.00	62.15	0.00	0.00	222	0	0	49,505	218	0
362+00	36200.00	100.00	65.36	0.12	0.00	236	0	0	49,741	218	0
363+00	36300.00	100.00	71.25	0.00	0.00	253	0	0	49,994	218	0
364+00	36400.00	100.00	70.37	0.00	0.00	262	0	0	50,256	218	0
365+00	36500.00	100.00	68.89	0.00	0.00	258	0	0	50,514	218	0
366+00	36600.00	100.00	60.66	0.00	0.00	240	0	0	50,754	218	0
367+00	36700.00	100.00	55.77	0.04	0.00	216	0	0	50,970	218	0
368+00	36800.00	100.00	62.07	0.00	0.00	218	0	0	51,188	218	0
369+00	36900.00	100.00	61.94	0.00	0.00	230	0	0	51,417	218	0
370+00	37000.00	100.00	69.10	0.00	0.00	243	0	0	51,660	218	0
371+00	37100.00	100.00	72.34	0.00	0.00	262	0	0	51,922	218	0
372+00	37200.00	100.00	68.59	0.00	0.00	261	0	0	52,183	218	0
373+00	37300.00	100.00	72.39	0.00	0.00	261	0	0	52,444	218	0
374+00	37400.00	100.00	95.47	0.00	0.00	311	0	0	52,755	218	0
375+00	37500.00	100.00	90.68	0.00	0.00	345	0	0	53,100	218	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - STH 11 EB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
376+00	37600.00	100.00	87.53	0.00	0.00	330	0	0	53,430	218	0
377+00	37700.00	100.00	93.28	0.00	0.00	335	0	0	53,764	218	0
378+00	37800.00	100.00	93.25	0.00	0.00	345	0	0	54,110	218	0
379+00	37900.00	100.00	101.10	0.00	0.00	360	0	0	54,470	218	0
380+00	38000.00	100.00	98.78	0.00	0.00	370	0	0	54,840	218	0
381+00	38100.00	100.00	99.77	0.00	0.00	368	0	0	55,208	218	0
382+00	38200.00	100.00	96.98	0.00	0.00	364	0	0	55,572	218	0
383+00	38300.00	100.00	93.33	0.00	0.00	352	0	0	55,924	218	0
384+00	38400.00	100.00	110.14	0.00	0.00	377	0	0	56,301	218	0
385+00	38500.00	100.00	102.46	0.00	0.00	394	0	0	56,695	218	0
386+00	38600.00	100.00	112.46	0.00	0.00	398	0	0	57,093	218	0
387+00	38700.00	100.00	117.41	0.00	0.00	426	0	0	57,519	218	0
388+00	38800.00	100.00	120.53	0.00	0.00	441	0	0	57,959	218	0
389+00	38900.00	100.00	109.65	0.00	0.00	426	0	0	58,386	218	0
390+00	39000.00	100.00	103.91	0.00	0.00	395	0	0	58,781	218	0
391+00	39100.00	100.00	98.12	0.00	0.00	374	0	0	59,155	218	0
392+00	39200.00	100.00	93.33	0.00	0.00	355	0	0	59,510	218	0
393+00	39300.00	100.00	86.22	0.00	0.00	333	0	0	59,842	218	0
394+00	39400.00	100.00	87.01	0.00	0.00	321	0	0	60,163	218	0
395+00	39500.00	100.00	84.63	0.05	0.00	318	0	0	60,481	219	0
396+00	39600.00	100.00	86.29	0.00	0.00	317	0	0	60,797	219	0
397+00	39700.00	100.00	85.22	0.00	0.00	318	0	0	61,115	219	0
398+00	39800.00	100.00	80.13	0.02	0.00	306	0	0	61,421	219	0
399+00	39900.00	100.00	77.60	0.00	0.00	292	0	0	61,713	219	0
400+00	40000.00	100.00	72.35	0.00	0.00	278	0	0	61,991	219	0
401+00	40100.00	100.00	72.31	0.00	0.00	268	0	0	62,259	219	0
402+00	40200.00	100.00	60.27	0.06	0.00	246	0	0	62,504	219	0
403+00	40300.00	100.00	60.24	0.18	0.00	223	0	0	62,728	219	0
404+00	40400.00	100.00	60.26	0.00	0.00	223	0	0	62,951	220	0
405+00	40500.00	100.00	63.72	0.00	0.00	230	0	0	63,180	220	0
406+00	40600.00	100.00	70.33	0.00	0.00	248	0	0	63,429	220	0
407+00	40700.00	100.00	74.37	0.04	0.00	268	0	0	63,696	220	0
408+00	40800.00	100.00	67.94	0.00	0.00	264	0	0	63,960	220	0
409+00	40900.00	100.00	69.48	0.00	0.00	254	0	0	64,215	220	0
410+00	41000.00	100.00	72.45	0.00	0.00	263	0	0	64,477	220	0
411+00	41100.00	100.00	64.07	0.00	0.00	253	0	0	64,730	220	0
412+00	41200.00	100.00	61.72	0.04	0.00	233	0	0	64,963	220	0
413+00	41300.00	100.00	66.46	0.05	0.00	237	0	0	65,200	220	0
414+00	41400.00	100.00	68.90	0.09	0.00	251	0	0	65,451	220	0
415+00	41500.00	100.00	77.05	0.02	0.00	270	0	0	65,721	220	0
416+00	41600.00	100.00	78.67	0.05	0.00	288	0	0	66,010	221	0
417+00	41700.00	100.00	71.60	0.70	0.00	278	1	0	66,288	222	0
418+00	41800.00	100.00	76.53	9.02	0.00	274	18	0	66,562	240	0
419+00	41900.00	100.00	88.33	10.28	0.00	305	36	0	66,868	276	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - STH 11 EB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
420+00	42000.00	100.00	91.03	6.89	0.00	332	32	0	67,200	307	0
421+00	42100.00	100.00	98.59	5.85	0.00	351	24	0	67,551	331	0
422+00	42200.00	100.00	74.31	5.77	0.00	320	22	0	67,871	353	0
423+00	42300.00	100.00	110.36	0.00	0.00	342	11	0	68,213	363	0
424+00	42400.00	100.00	90.56	0.00	0.00	372	0	0	68,585	363	0
425+00	42500.00	100.00	49.13	0.65	0.00	259	1	0	68,844	364	0
426+00	42600.00	100.00	46.98	1.06	0.00	178	3	0	69,022	368	0
427+00	42700.00	100.00	41.11	4.07	0.00	163	10	0	69,185	377	0
428+00	42800.00	100.00	111.19	0.20	0.00	282	8	0	69,467	385	0
429+00	42900.00	100.00	95.99	5.31	0.00	384	10	0	69,851	395	0
430+00	43000.00	100.00	82.98	2.50	0.00	331	14	0	70,182	410	0
431+00	43100.00	100.00	74.29	0.00	0.00	291	5	0	70,473	414	0
432+00	43200.00	100.00	71.05	0.19	0.00	269	0	0	70,743	415	0
433+00	43300.00	100.00	74.60	0.05	0.00	270	0	0	71,012	415	0
434+00	43400.00	100.00	74.95	0.00	0.00	277	0	0	71,289	415	0
435+00	43500.00	100.00	73.24	0.16	0.00	274	0	0	71,564	416	0
436+00	43600.00	100.00	78.04	0.00	0.00	280	0	0	71,844	416	0
437+00	43700.00	100.00	75.44	0.01	0.00	284	0	0	72,128	416	0
438+00	43800.00	100.00	81.86	0.00	0.00	291	0	0	72,419	416	0
439+00	43900.00	100.00	81.95	0.01	0.00	303	0	0	72,723	416	0
440+00	44000.00	100.00	85.99	0.10	0.00	311	0	0	73,034	416	0
441+00	44100.00	100.00	84.87	0.20	0.00	316	1	0	73,350	417	0
442+00	44200.00	100.00	87.36	0.25	0.00	319	1	0	73,669	418	0
443+00	44300.00	100.00	87.72	0.26	0.00	324	1	0	73,993	418	0
444+00	44400.00	100.00	94.21	0.00	0.00	337	0	0	74,330	419	0
445+00	44500.00	100.00	101.07	0.00	0.00	362	0	0	74,692	419	0
446+00	44600.00	100.00	101.62	0.00	0.00	375	0	0	75,067	419	0
447+00	44700.00	100.00	102.47	0.00	0.00	378	0	0	75,445	419	0
448+00	44800.00	100.00	104.45	0.00	0.00	383	0	0	75,828	419	0
449+00	44900.00	100.00	98.05	0.00	0.00	375	0	0	76,203	419	0
450+00	45000.00	100.00	90.17	0.00	0.00	349	0	0	76,552	419	0
451+00	45100.00	100.00	89.75	0.00	0.00	333	0	0	76,885	419	0
452+00	45200.00	100.00	90.51	2.40	0.00	334	4	0	77,219	423	0
453+00	45300.00	100.00	91.59	0.00	0.00	337	4	0	77,556	428	0
454+00	45400.00	100.00	81.66	0.88	0.00	321	2	0	77,877	429	0
455+00	45500.00	100.00	102.36	5.64	0.00	341	12	0	78,218	442	0
456+00	45600.00	100.00	105.31	19.74	0.00	385	47	0	78,602	489	0
457+00	45700.00	100.00	98.82	15.71	0.00	378	66	0	78,980	554	0
458+00	45800.00	100.00	95.44	23.50	0.00	360	73	0	79,340	627	0
459+00	45900.00	100.00	107.83	0.00	0.00	376	44	0	79,717	670	0
460+00	46000.00	100.00	77.82	2.10	0.00	344	4	0	80,060	674	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - STH 11 EB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
461+00	46100.00	100.00	97.10	0.00	0.00	324	4	0	80,384	678	0
462+00	46200.00	100.00	96.77	0.00	0.00	359	0	0	80,743	678	0
463+00	46300.00	100.00	99.34	0.00	0.00	363	0	0	81,106	678	0
464+00	46400.00	100.00	103.58	0.00	0.00	376	0	0	81,482	678	0
465+00	46500.00	100.00	96.23	0.00	0.00	370	0	0	81,852	678	0
466+00	46600.00	100.00	95.30	0.00	0.00	355	0	0	82,207	678	0
467+00	46700.00	100.00	90.58	0.04	0.00	344	0	0	82,551	678	0
468+00	46800.00	100.00	88.54	2.35	0.00	332	4	0	82,883	683	0
469+00	46900.00	100.00	92.36	11.41	0.00	335	25	0	83,218	708	0
470+00	47000.00	100.00	94.22	6.90	0.00	346	34	0	83,563	742	0
471+00	47100.00	100.00	95.42	5.45	0.00	351	23	0	83,915	765	0
472+00	47200.00	100.00	132.65	0.00	0.00	422	10	0	84,337	775	0
473+00	47300.00	100.00	77.79	0.00	0.00	390	0	0	84,727	775	0
474+00	47400.00	100.00	97.37	0.00	0.00	324	0	0	85,051	775	0
475+00	47500.00	100.00	93.73	0.14	0.00	354	0	0	85,405	775	0
476+00	47600.00	100.00	87.71	0.16	0.00	336	1	0	85,741	776	0
477+00	47700.00	100.00	86.44	0.12	0.00	323	1	0	86,063	776	0
478+00	47800.00	100.00	81.60	0.08	0.00	311	0	0	86,375	777	0
479+00	47900.00	100.00	83.81	0.45	0.00	306	1	0	86,681	778	0
480+00	48000.00	100.00	81.38	0.50	0.00	306	2	0	86,987	779	0
481+00	48100.00	100.00	84.17	0.35	0.00	307	2	0	87,293	781	0
482+00	48200.00	100.00	89.37	0.17	0.00	321	1	0	87,615	782	0
483+00	48300.00	100.00	77.64	0.01	0.00	309	0	0	87,924	782	0
484+00	48400.00	100.00	82.97	0.00	0.00	297	0	0	88,221	782	0
485+00	48500.00	100.00	77.26	0.05	0.00	297	0	0	88,518	782	0
486+00	48600.00	100.00	83.97	0.00	0.00	299	0	0	88,817	782	0
487+00	48700.00	100.00	71.67	0.00	0.00	288	0	0	89,105	782	0
488+00	48800.00	100.00	77.86	0.01	0.00	277	0	0	89,382	782	0
489+00	48900.00	100.00	81.90	0.10	0.00	296	0	0	89,678	783	0
490+00	49000.00	100.00	84.34	0.00	0.00	308	0	0	89,986	783	0
491+00	49100.00	100.00	95.83	0.00	0.00	334	0	0	90,319	783	0
492+00	49200.00	100.00	92.96	0.00	0.00	350	0	0	90,669	783	0
493+00	49300.00	100.00	92.63	0.00	0.00	344	0	0	91,013	783	0
494+00	49400.00	100.00	90.83	0.00	0.00	340	0	0	91,352	783	0
495+00	49500.00	100.00	96.12	0.00	0.00	346	0	0	91,698	783	0
496+00	49600.00	100.00	91.82	0.02	0.00	348	0	0	92,046	783	0
497+00	49700.00	100.00	95.33	0.00	0.00	347	0	0	92,393	783	0
497+67.06	49767.06	67.06	97.11	0.00	0.00	239	0	0	92,632	783	0
							STH 11 EB SUBTOTAL:		**92,632**	**783**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - STH 59

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut 1.00	Fill 1.00	EBS 1.00
15+95.02	1595.02	0.00	2.02	0.02	0.00	0	0	0	0	0	0
16+00	1600.00	4.98	166.21	0.00	0.00	16	0	0	16	0	0
17+00	1700.00	100.00	183.28	0.00	0.00	647	0	0	663	0	0
18+00	1800.00	100.00	174.64	0.00	0.00	663	0	0	1,326	0	0
19+00	1900.00	100.00	194.22	0.00	0.00	683	0	0	2,009	0	0
19+63.51	1963.51	63.51	157.01	3.56	0.00	413	4	0	2,422	4	0
19+66.21	1966.21	2.69	0.00	0.00	0.00	8	0	0	2,430	4	0
20+00	2000.00	33.79	0.00	0.00	0.00	0	0	0	2,430	4	0
21+00	2100.00	100.00	0.00	0.00	0.00	0	0	0	2,430	4	0
22+00	2200.00	100.00	0.00	0.00	0.00	0	0	0	2,430	4	0
22+43	2243.00	43.00	0.00	0.00	0.00	0	0	0	2,430	4	0
22+43.46	2243.46	0.46	62.51	0.24	0.00	1	0	0	2,430	4	0
23+00	2300.00	56.54	183.98	0.00	0.00	258	0	0	2,688	5	0
24+00	2400.00	100.00	179.87	0.00	0.00	674	0	0	3,362	5	0
25+00	2500.00	100.00	139.68	0.00	0.00	592	0	0	3,954	5	0
26+00	2600.00	100.00	148.29	0.00	0.00	533	0	0	4,487	5	0
26+10.91	2610.91	10.91	80.04	0.00	0.00	46	0	0	4,533	5	0
								STH 59 SUBTOTAL:	**4,533**	**5**	**0**

STAGE 2- CTH KK

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
760+27.36	76027.36	0.00	51.83	0.00	0.00	0	0	0	0	0	0
760+75	76075.00	47.64	64.02	4.19	0.00	102	4	0	102	4	0
761+00	76100.00	25.00	33.57	1.85	0.00	45	3	0	147	6	0
761+67.79	76167.79	67.79	128.14	32.19	0.00	203	43	0	350	49	0
761+95.13	76195.13	27.33	246.72	0.00	0.00	190	16	0	540	66	0
762+43.54	76243.54	48.41	26.29	0.00	0.00	245	0	0	785	66	0
								CTH KK SUBTOTAL:	**785**	**66**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - CTHKK Rt Turn

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
421+80.18	42180.18	0.00	30.46	2.30	0.00	0	0	0	0	0	0
422+00	42200.00	19.82	36.21	0.43	0.00	24	1	0	24	1	0
423+00	42300.00	100.00	78.20	0.00	0.00	212	1	0	236	2	0
424+00	42400.00	100.00	69.64	0.00	0.00	274	0	0	510	2	0
425+00	42500.00	100.00	59.53	0.13	0.00	239	0	0	749	2	0
426+00	42600.00	100.00	54.98	0.02	0.00	212	0	0	961	2	0
427+00	42700.00	100.00	43.80	0.14	0.00	183	0	0	1,144	3	0
427+50.1	42750.10	50.10	45.63	0.00	0.00	83	0	0	1,227	3	0
							CTH KK RT TURN SUBTOTAL:		**1,227**	**3**	**0**

STAGE 2 - RAMP L

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
226+33.55	22633.55	0.00	29.88	0.00	0.00	0	0	0	0	0	0
227+00	22700.00	66.45	33.43	0.00	0.00	78	0	0	78	0	0
228+00	22800.00	100.00	47.53	0.00	0.00	150	0	0	228	0	0
229+00	22900.00	100.00	69.00	0.00	0.00	216	0	0	444	0	0
230+00	23000.00	100.00	71.38	0.00	0.00	260	0	0	704	0	0
231+00	23100.00	100.00	68.20	0.00	0.00	258	0	0	962	0	0
232+00	23200.00	100.00	62.54	0.00	0.00	242	0	0	1,204	0	0
233+00	23300.00	100.00	63.96	0.00	0.00	234	0	0	1,438	0	0
234+00	23400.00	100.00	60.43	0.00	0.00	230	0	0	1,669	0	0
235+00	23500.00	100.00	56.39	0.10	0.00	216	0	0	1,885	0	0
236+00	23600.00	100.00	57.03	74.47	0.00	210	138	0	2,095	138	0
237+00	23700.00	100.00	53.33	78.59	0.00	204	283	0	2,300	422	0
238+00	23800.00	100.00	47.88	94.09	0.00	187	320	0	2,487	741	0
239+00	23900.00	100.00	48.34	141.62	0.00	178	436	0	2,665	1,178	0
240+00	24000.00	100.00	57.32	174.15	0.00	196	585	0	2,861	1,763	0
240+79.6	24079.60	79.60	11.94	0.00	0.00	102	257	0	2,963	2,019	0
							RAMP L SUBTOTAL:		**2,963**	**2,019**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - RAMP M

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
242+90.84	24290.84	0.00	90.20	0.00	0.00	0	0	0	0	0	0
243+00	24300.00	9.16	84.82	0.00	0.00	30	0	0	30	0	0
244+00	24400.00	100.00	57.09	0.00	0.00	263	0	0	292	0	0
245+00	24500.00	100.00	54.19	0.07	0.00	206	0	0	499	0	0
246+00	24600.00	100.00	64.49	0.00	0.00	220	0	0	718	0	0
247+00	24700.00	100.00	63.49	0.00	0.00	237	0	0	955	0	0
248+00	24800.00	100.00	68.49	0.00	0.00	244	0	0	1,200	0	0
249+00	24900.00	100.00	80.95	0.00	0.00	277	0	0	1,476	0	0
250+00	25000.00	100.00	81.34	0.00	0.00	301	0	0	1,777	0	0
251+00	25100.00	100.00	82.66	0.00	0.00	304	0	0	2,081	0	0
252+00	25200.00	100.00	76.63	0.00	0.00	295	0	0	2,376	0	0
253+00	25300.00	100.00	76.62	0.00	0.00	284	0	0	2,659	0	0
254+00	25400.00	100.00	76.80	0.00	0.00	284	0	0	2,944	0	0
255+00	25500.00	100.00	77.82	0.00	0.00	286	0	0	3,230	0	0
256+00	25600.00	100.00	61.59	0.00	0.00	258	0	0	3,488	0	0
257+00	25700.00	100.00	49.72	0.00	0.00	206	0	0	3,694	0	0
258+00	25800.00	100.00	39.48	0.10	0.00	165	0	0	3,859	0	0
259+00	25900.00	100.00	33.86	0.24	0.00	136	1	0	3,995	1	0
260+00	26000.00	100.00	32.73	0.03	0.00	123	0	0	4,119	2	0
261+00	26100.00	100.00	31.41	0.35	0.00	119	1	0	4,237	2	0
262+00	26200.00	100.00	30.49	0.28	0.00	115	1	0	4,352	3	0
262+01	26201.00	1.00	30.34	0.28	0.00	1	0	0	4,353	3	0
								RAMP M SUBTOTAL:	**4,353**	**3**	**0**

STAGE 2 - RAMP U

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
275+22.54	27522.54	0.00	0.00	0.00	0.00	0	0	0	0	0	0
276+00	27600.00	77.46	29.18	3.40	0.00	42	5	0	42	5	0
277+00	27700.00	100.00	33.10	4.66	0.00	115	15	0	157	20	0
278+00	27800.00	100.00	51.89	0.36	0.00	157	9	0	315	29	0
279+00	27900.00	100.00	66.74	0.50	0.00	220	2	0	534	31	0
280+00	28000.00	100.00	90.02	0.79	0.00	290	2	0	825	33	0
281+00	28100.00	100.00	64.28	0.06	0.00	286	2	0	1,110	35	0
282+00	28200.00	100.00	72.30	0.02	0.00	253	0	0	1,363	35	0
283+00	28300.00	100.00	75.37	0.00	0.00	273	0	0	1,637	35	0
284+00	28400.00	100.00	77.86	0.00	0.00	284	0	0	1,921	35	0
285+00	28500.00	100.00	83.44	0.00	0.00	299	0	0	2,219	35	0
286+00	28600.00	100.00	80.69	0.00	0.00	304	0	0	2,523	35	0
287+00	28700.00	100.00	71.12	0.00	0.00	281	0	0	2,804	35	0
288+00	28800.00	100.00	69.94	0.00	0.00	261	0	0	3,066	35	0
289+00	28900.00	100.00	89.26	1.19	0.00	295	2	0	3,360	37	0
289+03.61	28903.61	3.61	91.80	1.46	0.00	12	0	0	3,372	37	0
								RAMP U SUBTOTAL:	**3,372**	**37**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - RAMP V

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Expanded Fill	Expanded EBS Backfill
292+39	29239.00	0.00	81.42	0.00	0.00	0	0	0	0	0	0
293+00	29300.00	61.00	68.89	0.00	0.00	170	0	0	170	0	0
294+00	29400.00	100.00	71.43	0.00	0.00	260	0	0	430	0	0
295+00	29500.00	100.00	74.34	0.86	0.00	270	2	0	700	2	0
296+00	29600.00	100.00	80.33	1.13	0.00	286	4	0	986	5	0
297+00	29700.00	100.00	87.71	0.00	0.00	311	2	0	1,297	7	0
298+00	29800.00	100.00	103.36	0.00	0.00	354	0	0	1,651	7	0
299+00	29900.00	100.00	105.66	0.00	0.00	387	0	0	2,038	7	0
300+00	30000.00	100.00	82.45	0.00	0.00	348	0	0	2,386	7	0
301+00	30100.00	100.00	58.27	0.00	0.00	261	0	0	2,647	7	0
302+00	30200.00	100.00	52.69	0.32	0.00	205	1	0	2,853	8	0
303+00	30300.00	100.00	48.81	0.00	0.00	188	1	0	3,040	9	0
304+00	30400.00	100.00	40.01	0.00	0.00	164	0	0	3,205	9	0
305+00	30500.00	100.00	27.49	10.37	0.00	125	19	0	3,330	28	0
306+00	30600.00	100.00	22.82	16.49	0.00	93	50	0	3,423	77	0
307+00	30700.00	100.00	21.33	12.48	0.00	82	54	0	3,505	131	0
308+00	30800.00	100.00	23.16	10.07	0.00	82	42	0	3,587	173	0
309+00	30900.00	100.00	24.35	3.97	0.00	88	26	0	3,675	199	0
310+00	31000.00	100.00	24.32	0.41	0.00	90	8	0	3,765	207	0
311+00	31100.00	100.00	19.03	2.21	0.00	80	5	0	3,846	212	0
311+84	31184.00	84.00	18.73	0.00	0.00	59	3	0	3,904	215	0
								RAMP V SUBTOTAL:	**3,904**	**215**	**0**

STAGE 2 RAMP Y

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
331+69.14	33169.14	0.00	54.69	0.00	0.00	0	0	0	0	0	0
332+00	33200.00	30.86	54.02	0.00	0.00	62	0	0	62	0	0
333+00	33300.00	100.00	37.61	0.00	0.00	170	0	0	232	0	0
334+00	33400.00	100.00	34.74	3.64	0.00	134	7	0	366	7	0
335+00	33500.00	100.00	65.03	0.32	0.00	185	7	0	551	14	0
336+00	33600.00	100.00	99.09	1.03	0.00	304	3	0	854	17	0
337+00	33700.00	100.00	68.81	0.00	0.00	311	2	0	1,165	18	0
338+00	33800.00	100.00	66.63	0.42	0.00	251	1	0	1,416	19	0
339+00	33900.00	100.00	57.61	0.59	0.00	230	2	0	1,646	21	0
340+00	34000.00	100.00	62.41	0.00	0.00	222	1	0	1,869	22	0
341+00	34100.00	100.00	63.88	0.00	0.00	234	0	0	2,102	22	0
342+00	34200.00	100.00	72.97	0.00	0.00	253	0	0	2,356	22	0
343+00	34300.00	100.00	71.97	0.00	0.00	268	0	0	2,624	22	0
344+00	34400.00	100.00	73.28	18.48	0.00	269	34	0	2,893	56	0
345+00	34500.00	100.00	101.77	0.00	0.00	324	34	0	3,217	91	0
345+66.36	34566.36	66.36	215.75	0.00	0.00	390	0	0	3,608	91	0
								RAMP Y SUBTOTAL:	**3,608**	**91**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 - RAMP Z

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
345+78.78	34578.78	0.00	32.62	3.57	0.00	0	0	0	0	0	0
346+00	34600.00	21.22	109.59	3.37	0.00	56	3	0	56	3	0
347+00	34700.00	100.00	75.12	0.03	0.00	342	6	0	398	9	0
348+00	34800.00	100.00	68.15	0.09	0.00	265	0	0	663	9	0
349+00	34900.00	100.00	67.69	0.16	0.00	252	0	0	915	10	0
350+00	35000.00	100.00	67.70	132.97	0.00	251	247	0	1,166	256	0
351+00	35100.00	100.00	62.42	113.82	0.00	241	457	0	1,406	713	0
352+00	35200.00	100.00	60.54	87.94	0.00	228	374	0	1,634	1,087	0
353+00	35300.00	100.00	69.02	61.72	0.00	240	277	0	1,874	1,364	0
354+00	35400.00	100.00	87.11	0.00	0.00	289	114	0	2,163	1,478	0
355+00	35500.00	100.00	93.33	0.00	0.00	334	0	0	2,497	1,478	0
356+00	35600.00	100.00	96.43	0.00	0.00	351	0	0	2,849	1,478	0
357+00	35700.00	100.00	91.47	0.00	0.00	348	0	0	3,197	1,478	0
358+00	35800.00	100.00	83.13	0.00	0.00	323	0	0	3,520	1,478	0
359+00	35900.00	100.00	51.78	2.08	0.00	250	4	0	3,770	1,482	0
360+00	36000.00	100.00	65.14	1.82	0.00	217	7	0	3,986	1,489	0
361+00	36100.00	100.00	49.31	2.28	0.00	212	8	0	4,198	1,497	0
362+00	36200.00	100.00	40.82	9.04	0.00	167	21	0	4,365	1,518	0
363+00	36300.00	100.00	44.97	8.00	0.00	159	32	0	4,524	1,550	0
364+00	36400.00	100.00	47.05	0.83	0.00	170	16	0	4,695	1,566	0
365+00	36500.00	100.00	56.81	0.00	0.00	192	2	0	4,887	1,567	0
366+00	36600.00	100.00	41.48	0.00	0.00	182	0	0	5,069	1,567	0
367+00	36700.00	100.00	31.67	0.31	0.00	135	1	0	5,204	1,568	0
368+00	36800.00	100.00	33.50	2.34	0.00	121	5	0	5,325	1,573	0
369+00	36900.00	100.00	33.66	4.43	0.00	124	13	0	5,449	1,585	0
370+00	37000.00	100.00	28.38	1.96	0.00	115	12	0	5,564	1,597	0
371+00	37100.00	100.00	26.88	0.02	0.00	102	4	0	5,667	1,601	0
372+00	37200.00	100.00	35.52	0.00	0.00	116	0	0	5,782	1,601	0
373+00	37300.00	100.00	41.95	0.00	0.00	143	0	0	5,926	1,601	0
373+16	37316.00	16.00	42.44	0.00	0.00	25	0	0	5,951	1,601	0
							RAMP Z SUBTOTAL:		**5,951**	**1,601**	**0**

STAGE 2 - RICHLAND RD SOUTH

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
780+83.51	78083.51	0.00	30.80	0.00	0.00	0	0	0	0	0	0
781+00	78100.00	16.49	33.27	0.00	0.00	20	0	0	20	0	0
782+00	78200.00	100.00	263.01	0.00	0.00	549	0	0	568	0	0
782+07.53	78207.53	7.53	107.32	0.00	0.00	52	0	0	620	0	0
							RICHLAND RD SOUTH SUBTOTAL:		**620**	**0**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 2 TOTAL: **123,948** **4,823** **0**

STAGE 3 - STH 11 WB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
259+16.22	25916.22	0.00	75.35	0.00	0.00	0	0	0	0	0	0
260+00	26000.00	83.78	131.72	0.00	0.00	321	0	0	321	0	0
261+00	26100.00	100.00	145.75	0.39	0.00	514	1	0	835	1	0
262+00	26200.00	100.00	143.10	0.65	0.00	535	2	0	1,370	3	0
263+00	26300.00	100.00	144.63	3.13	0.00	533	7	0	1,903	10	0
264+00	26400.00	100.00	143.93	44.54	0.00	534	88	0	2,437	98	0
265+00	26500.00	100.00	133.04	0.00	0.00	513	82	0	2,950	180	0
266+00	26600.00	100.00	139.24	0.00	0.00	504	0	0	3,454	180	0
267+00	26700.00	100.00	137.35	0.00	0.00	512	0	0	3,967	180	0
268+00	26800.00	100.00	136.65	0.00	0.00	507	0	0	4,474	180	0
269+00	26900.00	100.00	134.45	0.00	0.00	502	0	0	4,976	180	0
270+00	27000.00	100.00	134.15	0.00	0.00	497	0	0	5,473	180	0
271+00	27100.00	100.00	133.64	0.00	0.00	496	0	0	5,969	180	0
272+00	27200.00	100.00	133.15	0.00	0.00	494	0	0	6,463	180	0
273+00	27300.00	100.00	81.12	0.00	0.00	397	0	0	6,860	180	0
274+00	27400.00	100.00	87.13	0.00	0.00	312	0	0	7,172	180	0
275+00	27500.00	100.00	83.61	0.00	0.00	316	0	0	7,488	180	0
276+00	27600.00	100.00	79.23	0.00	0.00	302	0	0	7,790	180	0
277+00	27700.00	100.00	79.98	0.00	0.00	295	0	0	8,084	180	0
278+00	27800.00	100.00	72.78	0.00	0.00	283	0	0	8,367	180	0
279+00	27900.00	100.00	80.77	0.00	0.00	284	0	0	8,652	180	0
280+00	28000.00	100.00	88.57	0.00	0.00	314	0	0	8,965	180	0
281+00	28100.00	100.00	115.17	0.00	0.00	377	0	0	9,343	180	0
282+00	28200.00	100.00	114.44	0.00	0.00	425	0	0	9,768	180	0
283+00	28300.00	100.00	111.10	0.00	0.00	418	0	0	10,185	180	0
284+00	28400.00	100.00	111.69	0.00	0.00	413	0	0	10,598	180	0
285+00	28500.00	100.00	111.04	0.04	0.00	412	0	0	11,010	180	0
286+00	28600.00	100.00	111.05	9.03	0.00	411	17	0	11,422	197	0
287+00	28700.00	100.00	105.85	10.62	0.00	402	36	0	11,823	234	0
288+00	28800.00	100.00	101.53	3.31	0.00	384	26	0	12,207	259	0
289+00	28900.00	100.00	115.93	1.74	0.00	403	9	0	12,610	269	0
290+00	29000.00	100.00	0.00	0.00	0.00	215	3	0	12,825	272	0
291+00	29100.00	100.00	0.00	0.00	0.00	0	0	0	12,825	272	0
292+00	29200.00	100.00	102.25	15.15	0.00	189	28	0	13,014	300	0
293+00	29300.00	100.00	95.01	10.89	0.00	365	48	0	13,379	348	0
294+00	29400.00	100.00	90.17	8.31	0.00	343	36	0	13,722	384	0
295+00	29500.00	100.00	90.55	9.79	0.00	335	34	0	14,057	417	0
296+00	29600.00	100.00	89.52	1.02	0.00	333	20	0	14,391	437	0
297+00	29700.00	100.00	90.43	1.54	0.00	333	5	0	14,724	442	0
298+00	29800.00	100.00	105.22	0.00	0.00	362	3	0	15,086	445	0
299+00	29900.00	100.00	107.09	0.00	0.00	393	0	0	15,479	445	0
300+00	30000.00	100.00	110.02	0.00	0.00	402	0	0	15,881	445	0
301+00	30100.00	100.00	111.24	0.01	0.00	410	0	0	16,291	445	0
302+00	30200.00	100.00	112.29	0.00	0.00	414	0	0	16,705	445	0
303+00	30300.00	100.00	100.99	0.11	0.00	395	0	0	17,100	445	0
304+00	30400.00	100.00	79.45	0.00	0.00	334	0	0	17,434	445	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - STH 11 WB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
305+00	30500.00	100.00	75.71	0.00	0.00	287	0	0	17,721	445	0
306+00	30600.00	100.00	72.72	0.00	0.00	275	0	0	17,996	445	0
307+00	30700.00	100.00	74.85	0.00	0.00	273	0	0	18,270	445	0
308+00	30800.00	100.00	75.03	0.00	0.00	278	0	0	18,547	445	0
309+00	30900.00	100.00	79.61	0.00	0.00	286	0	0	18,834	445	0
310+00	31000.00	100.00	83.72	0.00	0.00	302	0	0	19,136	445	0
311+00	31100.00	100.00	83.26	0.00	0.00	309	0	0	19,445	445	0
312+00	31200.00	100.00	128.72	0.00	0.00	393	0	0	19,838	445	0
313+00	31300.00	100.00	130.28	0.00	0.00	480	0	0	20,317	445	0
314+00	31400.00	100.00	127.24	0.00	0.00	477	0	0	20,794	445	0
315+00	31500.00	100.00	138.18	0.00	0.00	492	0	0	21,286	445	0
316+00	31600.00	100.00	137.58	0.00	0.00	511	0	0	21,796	445	0
317+00	31700.00	100.00	134.08	0.00	0.00	503	0	0	22,300	445	0
318+00	31800.00	100.00	125.97	0.00	0.00	482	0	0	22,781	445	0
319+00	31900.00	100.00	108.91	0.00	0.00	435	0	0	23,216	445	0
320+00	32000.00	100.00	97.71	0.00	0.00	383	0	0	23,599	445	0
321+00	32100.00	100.00	92.65	0.00	0.00	353	0	0	23,951	445	0
322+00	32200.00	100.00	77.02	0.02	0.00	314	0	0	24,265	445	0
323+00	32300.00	100.00	79.14	0.17	0.00	289	0	0	24,555	446	0
324+00	32400.00	100.00	64.75	0.00	0.00	266	0	0	24,821	446	0
325+00	32500.00	100.00	70.37	0.00	0.00	250	0	0	25,071	446	0
326+00	32600.00	100.00	76.48	0.00	0.00	272	0	0	25,343	446	0
327+00	32700.00	100.00	87.32	0.00	0.00	303	0	0	25,647	446	0
328+00	32800.00	100.00	87.90	0.00	0.00	324	0	0	25,971	446	0
329+00	32900.00	100.00	85.81	0.00	0.00	322	0	0	26,293	446	0
330+00	33000.00	100.00	81.11	0.00	0.00	309	0	0	26,602	446	0
331+00	33100.00	100.00	77.83	0.00	0.00	294	0	0	26,896	446	0
332+00	33200.00	100.00	82.61	0.00	0.00	297	0	0	27,193	446	0
333+00	33300.00	100.00	84.62	0.00	0.00	310	0	0	27,503	446	0
334+00	33400.00	100.00	80.32	0.00	0.00	305	0	0	27,808	446	0
335+00	33500.00	100.00	85.56	0.00	0.00	307	0	0	28,116	446	0
336+00	33600.00	100.00	81.76	0.00	0.00	310	0	0	28,425	446	0
337+00	33700.00	100.00	78.38	0.16	0.00	297	0	0	28,722	446	0
338+00	33800.00	100.00	113.92	0.03	0.00	356	0	0	29,078	447	0
339+00	33900.00	100.00	111.07	0.00	0.00	417	0	0	29,495	447	0
340+00	34000.00	100.00	100.70	0.07	0.00	392	0	0	29,887	447	0
341+00	34100.00	100.00	100.07	0.04	0.00	372	0	0	30,259	447	0
342+00	34200.00	100.00	102.62	0.00	0.00	375	0	0	30,634	447	0
343+00	34300.00	100.00	103.93	0.06	0.00	383	0	0	31,017	447	0
344+00	34400.00	100.00	108.67	0.00	0.00	394	0	0	31,410	447	0
345+00	34500.00	100.00	108.55	0.00	0.00	402	0	0	31,813	447	0
346+00	34600.00	100.00	109.72	13.04	0.00	404	24	0	32,217	472	0
347+00	34700.00	100.00	118.73	8.49	0.00	423	40	0	32,640	511	0
348+00	34800.00	100.00	112.08	1.77	0.00	427	19	0	33,067	530	0
349+00	34900.00	100.00	115.99	1.27	0.00	422	6	0	33,490	536	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - STH 11 WB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
350+00	35000.00	100.00	112.98	0.04	0.00	424	2	0	33,914	539	0
351+00	35100.00	100.00	117.11	0.00	0.00	426	0	0	34,340	539	0
352+00	35200.00	100.00	114.71	0.00	0.00	429	0	0	34,769	539	0
353+00	35300.00	100.00	109.59	0.00	0.00	415	0	0	35,184	539	0
354+00	35400.00	100.00	106.73	0.18	0.00	401	0	0	35,585	539	0
355+00	35500.00	100.00	100.33	0.07	0.00	383	0	0	35,969	539	0
356+00	35600.00	100.00	97.51	0.19	0.00	366	0	0	36,335	540	0
357+00	35700.00	100.00	96.76	0.02	0.00	360	0	0	36,695	540	0
358+00	35800.00	100.00	99.56	0.00	0.00	364	0	0	37,058	540	0
359+00	35900.00	100.00	98.47	0.12	0.00	367	0	0	37,425	541	0
360+00	36000.00	100.00	99.80	0.00	0.00	367	0	0	37,792	541	0
361+00	36100.00	100.00	105.10	0.02	0.00	379	0	0	38,172	541	0
362+00	36200.00	100.00	102.84	0.06	0.00	385	0	0	38,557	541	0
363+00	36300.00	100.00	74.82	0.01	0.00	329	0	0	38,886	541	0
364+00	36400.00	100.00	71.68	0.00	0.00	271	0	0	39,157	541	0
365+00	36500.00	100.00	71.31	0.00	0.00	265	0	0	39,422	541	0
366+00	36600.00	100.00	73.42	0.00	0.00	268	0	0	39,690	541	0
367+00	36700.00	100.00	69.10	0.00	0.00	264	0	0	39,954	541	0
368+00	36800.00	100.00	69.93	0.00	0.00	257	0	0	40,211	541	0
369+00	36900.00	100.00	71.97	0.00	0.00	263	0	0	40,474	541	0
370+00	37000.00	100.00	74.75	0.00	0.00	272	0	0	40,746	541	0
371+00	37100.00	100.00	76.53	0.00	0.00	280	0	0	41,026	541	0
372+00	37200.00	100.00	102.67	0.00	0.00	332	0	0	41,358	541	0
373+00	37300.00	100.00	100.04	0.00	0.00	375	0	0	41,733	541	0
374+00	37400.00	100.00	99.18	0.00	0.00	369	0	0	42,102	541	0
375+00	37500.00	100.00	95.48	0.00	0.00	360	0	0	42,462	541	0
376+00	37600.00	100.00	95.06	0.00	0.00	353	0	0	42,815	541	0
377+00	37700.00	100.00	95.42	0.00	0.00	353	0	0	43,168	541	0
378+00	37800.00	100.00	100.28	0.00	0.00	362	0	0	43,530	541	0
379+00	37900.00	100.00	110.86	0.00	0.00	391	0	0	43,921	541	0
380+00	38000.00	100.00	111.75	0.00	0.00	412	0	0	44,334	541	0
381+00	38100.00	100.00	112.16	0.00	0.00	415	0	0	44,748	541	0
382+00	38200.00	100.00	113.98	0.00	0.00	419	0	0	45,167	541	0
383+00	38300.00	100.00	111.64	0.00	0.00	418	0	0	45,585	541	0
384+00	38400.00	100.00	110.30	0.00	0.00	411	0	0	45,996	541	0
385+00	38500.00	100.00	104.87	0.00	0.00	398	0	0	46,394	541	0
386+00	38600.00	100.00	108.28	0.00	0.00	395	0	0	46,789	541	0
387+00	38700.00	100.00	112.14	0.00	0.00	408	0	0	47,197	541	0
388+00	38800.00	100.00	113.74	0.00	0.00	418	0	0	47,616	541	0
389+00	38900.00	100.00	111.02	0.00	0.00	416	0	0	48,032	541	0
390+00	39000.00	100.00	111.18	0.00	0.00	411	0	0	48,443	541	0
391+00	39100.00	100.00	106.22	0.00	0.00	403	0	0	48,846	541	0
392+00	39200.00	100.00	104.21	0.00	0.00	390	0	0	49,236	541	0
393+00	39300.00	100.00	103.15	0.00	0.00	384	0	0	49,619	541	0
394+00	39400.00	100.00	94.86	0.00	0.00	367	0	0	49,986	541	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - STH 11 WB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
395+00	39500.00	100.00	94.29	0.00	0.00	350	0	0	50,336	541	0
396+00	39600.00	100.00	96.90	0.00	0.00	354	0	0	50,690	541	0
397+00	39700.00	100.00	95.04	0.25	0.00	355	0	0	51,046	542	0
398+00	39800.00	100.00	98.72	0.00	0.00	359	0	0	51,405	542	0
399+00	39900.00	100.00	97.36	0.00	0.00	363	0	0	51,768	542	0
400+00	40000.00	100.00	99.13	0.00	0.00	364	0	0	52,132	542	0
401+00	40100.00	100.00	96.38	0.00	0.00	362	0	0	52,494	542	0
402+00	40200.00	100.00	99.37	0.00	0.00	362	0	0	52,856	542	0
403+00	40300.00	100.00	86.09	0.00	0.00	343	0	0	53,200	542	0
404+00	40400.00	100.00	90.65	0.00	0.00	327	0	0	53,527	542	0
405+00	40500.00	100.00	91.98	0.00	0.00	338	0	0	53,865	542	0
406+00	40600.00	100.00	94.24	0.00	0.00	345	0	0	54,210	542	0
407+00	40700.00	100.00	94.36	0.00	0.00	349	0	0	54,559	542	0
408+00	40800.00	100.00	92.51	0.00	0.00	346	0	0	54,905	542	0
409+00	40900.00	100.00	90.56	0.00	0.00	339	0	0	55,244	542	0
410+00	41000.00	100.00	92.09	0.00	0.00	338	0	0	55,583	542	0
411+00	41100.00	100.00	91.15	0.00	0.00	339	0	0	55,922	542	0
412+00	41200.00	100.00	78.73	0.00	0.00	315	0	0	56,237	542	0
413+00	41300.00	100.00	78.59	0.01	0.00	291	0	0	56,528	542	0
414+00	41400.00	100.00	83.66	0.00	0.00	300	0	0	56,828	542	0
415+00	41500.00	100.00	87.63	0.00	0.00	317	0	0	57,146	542	0
416+00	41600.00	100.00	83.51	0.00	0.00	317	0	0	57,462	542	0
417+00	41700.00	100.00	86.32	0.00	0.00	315	0	0	57,777	542	0
418+00	41800.00	100.00	84.85	0.00	0.00	317	0	0	58,094	542	0
419+00	41900.00	100.00	83.41	0.00	0.00	312	0	0	58,406	542	0
420+00	42000.00	100.00	84.42	0.00	0.00	311	0	0	58,716	542	0
421+00	42100.00	100.00	80.29	0.00	0.00	305	0	0	59,021	542	0
422+00	42200.00	100.00	90.83	0.00	0.00	317	0	0	59,338	542	0
423+00	42300.00	100.00	110.03	1.26	0.00	372	2	0	59,710	544	0
424+00	42400.00	100.00	141.54	0.00	0.00	466	2	0	60,176	547	0
425+00	42500.00	100.00	82.07	0.00	0.00	414	0	0	60,590	547	0
426+00	42600.00	100.00	140.65	1.14	0.00	412	2	0	61,003	549	0
427+00	42700.00	100.00	139.60	2.92	0.00	519	8	0	61,522	556	0
428+00	42800.00	100.00	133.31	2.93	0.00	505	11	0	62,027	567	0
429+00	42900.00	100.00	116.55	0.64	0.00	463	7	0	62,490	574	0
430+00	43000.00	100.00	117.74	0.00	0.00	434	1	0	62,924	575	0
431+00	43100.00	100.00	118.44	0.00	0.00	437	0	0	63,361	575	0
432+00	43200.00	100.00	114.21	0.00	0.00	431	0	0	63,792	575	0
433+00	43300.00	100.00	111.98	0.00	0.00	419	0	0	64,211	575	0
434+00	43400.00	100.00	120.12	0.00	0.00	430	0	0	64,641	575	0
435+00	43500.00	100.00	115.62	0.00	0.00	437	0	0	65,077	575	0
436+00	43600.00	100.00	116.47	0.00	0.00	430	0	0	65,507	575	0
437+00	43700.00	100.00	115.42	0.00	0.00	429	0	0	65,936	575	0
438+00	43800.00	100.00	116.90	0.00	0.00	430	0	0	66,367	575	0
439+00	43900.00	100.00	114.16	0.00	0.00	428	0	0	66,794	575	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - STH 11 WB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
440+00	44000.00	100.00	112.44	0.00	0.00	420	0	0	67,214	575	0
441+00	44100.00	100.00	99.67	0.00	0.00	393	0	0	67,607	575	0
442+00	44200.00	100.00	85.67	0.19	0.00	343	0	0	67,950	575	0
443+00	44300.00	100.00	82.72	0.03	0.00	312	0	0	68,262	576	0
444+00	44400.00	100.00	80.41	0.04	0.00	302	0	0	68,564	576	0
445+00	44500.00	100.00	85.29	0.00	0.00	307	0	0	68,871	576	0
446+00	44600.00	100.00	102.61	0.00	0.00	348	0	0	69,219	576	0
447+00	44700.00	100.00	113.13	0.00	0.00	400	0	0	69,618	576	0
448+00	44800.00	100.00	119.25	0.00	0.00	430	0	0	70,049	576	0
449+00	44900.00	100.00	119.05	0.00	0.00	441	0	0	70,490	576	0
450+00	45000.00	100.00	106.02	0.00	0.00	417	0	0	70,907	576	0
451+00	45100.00	100.00	91.54	0.00	0.00	366	0	0	71,273	576	0
452+00	45200.00	100.00	89.50	0.03	0.00	335	0	0	71,608	576	0
453+00	45300.00	100.00	92.53	0.05	0.00	337	0	0	71,945	576	0
454+00	45400.00	100.00	102.00	0.00	0.00	360	0	0	72,305	576	0
455+00	45500.00	100.00	104.22	0.00	0.00	382	0	0	72,687	576	0
456+00	45600.00	100.00	111.82	0.00	0.00	400	0	0	73,087	576	0
457+00	45700.00	100.00	104.01	0.00	0.00	400	0	0	73,487	576	0
458+00	45800.00	100.00	91.37	0.19	0.00	362	0	0	73,849	577	0
459+00	45900.00	100.00	99.33	0.00	0.00	353	0	0	74,202	577	0
460+00	46000.00	100.00	70.98	0.00	0.00	315	0	0	74,517	577	0
461+00	46100.00	100.00	115.94	3.09	0.00	346	6	0	74,863	583	0
462+00	46200.00	100.00	123.67	5.19	0.00	444	15	0	75,307	598	0
463+00	46300.00	100.00	119.13	7.51	0.00	450	24	0	75,757	621	0
464+00	46400.00	100.00	115.65	0.00	0.00	435	14	0	76,191	635	0
465+00	46500.00	100.00	104.79	0.00	0.00	408	0	0	76,600	635	0
466+00	46600.00	100.00	102.09	0.00	0.00	383	0	0	76,983	635	0
467+00	46700.00	100.00	100.83	0.00	0.00	376	0	0	77,359	635	0
468+00	46800.00	100.00	97.59	0.00	0.00	367	0	0	77,726	635	0
469+00	46900.00	100.00	91.06	0.10	0.00	349	0	0	78,075	636	0
470+00	47000.00	100.00	96.84	0.04	0.00	348	0	0	78,423	636	0
471+00	47100.00	100.00	102.00	0.00	0.00	368	0	0	78,792	636	0
472+00	47200.00	100.00	117.80	0.00	0.00	407	0	0	79,199	636	0
473+00	47300.00	100.00	117.68	8.42	0.00	436	16	0	79,635	652	0
474+00	47400.00	100.00	108.52	1.32	0.00	419	18	0	80,054	670	0
475+00	47500.00	100.00	107.20	0.64	0.00	399	4	0	80,453	673	0
476+00	47600.00	100.00	102.69	0.00	0.00	389	1	0	80,842	674	0
477+00	47700.00	100.00	104.49	0.00	0.00	384	0	0	81,225	674	0
478+00	47800.00	100.00	101.52	0.00	0.00	382	0	0	81,607	674	0
479+00	47900.00	100.00	94.88	0.00	0.00	364	0	0	81,971	674	0
480+00	48000.00	100.00	97.09	0.01	0.00	355	0	0	82,326	674	0
481+00	48100.00	100.00	98.09	0.01	0.00	361	0	0	82,688	674	0
482+00	48200.00	100.00	101.94	0.00	0.00	370	0	0	83,058	674	0

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - STH 11 WB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
483+00	48300.00	100.00	105.31	0.00	0.00	384	0	0	83,442	674	0
484+00	48400.00	100.00	101.68	0.00	0.00	383	0	0	83,825	674	0
485+00	48500.00	100.00	99.16	0.00	0.00	372	0	0	84,197	674	0
486+00	48600.00	100.00	99.10	0.00	0.00	367	0	0	84,564	674	0
487+00	48700.00	100.00	93.34	0.00	0.00	356	0	0	84,921	674	0
488+00	48800.00	100.00	87.56	0.00	0.00	335	0	0	85,256	674	0
489+00	48900.00	100.00	96.24	0.00	0.00	340	0	0	85,596	674	0
490+00	49000.00	100.00	94.57	0.00	0.00	353	0	0	85,949	674	0
491+00	49100.00	100.00	102.95	0.00	0.00	366	0	0	86,315	674	0
492+00	49200.00	100.00	104.64	0.00	0.00	384	0	0	86,699	674	0
493+00	49300.00	100.00	103.23	0.00	0.00	385	0	0	87,084	674	0
494+00	49400.00	100.00	104.84	0.00	0.00	385	0	0	87,470	674	0
495+00	49500.00	100.00	99.16	0.00	0.00	378	0	0	87,848	674	0
496+00	49600.00	100.00	98.16	0.00	0.00	365	0	0	88,213	674	0
497+00	49700.00	100.00	95.58	0.00	0.00	359	0	0	88,572	674	0
498+00	49800.00	100.00	97.65	0.00	0.00	358	0	0	88,930	674	0
499+00	49900.00	100.00	102.73	0.00	0.00	371	0	0	89,301	674	0
500+00	50000.00	100.00	107.68	0.00	0.00	390	0	0	89,690	674	0
501+00	50100.00	100.00	111.41	0.00	0.00	406	0	0	90,096	674	0
501+66.66	50166.66	66.66	105.87	0.00	0.00	268	0	0	90,364	674	0
							STH 11 WB SUBTOTAL:		**90,364**	**674**	**0**

STAGE 3 - STH 81

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
168+02.5	16802.50	0.00	126.05	0.08	0.00	0	0	0	0	0	0
168+04.72	16804.72	2.22	259.75	0.00	0.00	16	0	0	16	0	0
168+62.36	16862.36	57.64	151.40	0.02	0.00	439	0	0	455	0	0
169+00	16900.00	37.64	120.05	0.43	0.00	189	0	0	644	0	0
169+15.42	16915.42	15.42	85.11	12.64	0.00	59	4	0	703	4	0
169+15.58	16915.58	0.16	0.00	0.00	0.00	0	0	0	703	4	0
170+00	17000.00	84.42	0.00	0.00	0.00	0	0	0	703	4	0
171+00	17100.00	100.00	0.00	0.00	0.00	0	0	0	703	4	0
171+79	17179.00	79.00	0.00	0.00	0.00	0	0	0	703	4	0
171+79.72	17179.72	0.72	90.84	2.53	0.00	1	0	0	704	4	0
172+00	17200.00	20.28	127.87	0.00	0.00	82	1	0	786	5	0
172+25	17225.00	25.00	262.96	0.00	0.00	181	0	0	967	5	0
173+00	17300.00	75.00	278.62	0.00	0.00	752	0	0	1,719	5	0
174+00	17400.00	100.00	205.16	0.00	0.00	896	0	0	2,615	5	0
175+00	17500.00	100.00	261.45	1.85	0.00	864	3	0	3,479	9	0
176+00	17600.00	100.00	251.03	1.83	0.00	949	7	0	4,428	15	0
176+03.85	17603.85	3.85	252.38	1.78	0.00	36	0	0	4,464	16	0
							STH 81 SUBTOTAL:		**4,464**	**16**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - RAMP J

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
233+70	23370.00	0.00	65.89	0.31	0.00	0	0	0	0	0	0
234+00	23400.00	30.00	65.87	4.48	0.00	73	3	0	73	3	0
234+70	23470.00	70.00	66.55	0.00	0.00	172	6	0	245	8	0
234+70	23470.00	0.00	-7.16	0.00	0.00	0	0	0	245	0	0
242+23	24223.00	0.00	-7.16	0.00	0.00	0	0	0	0	0	0
242+23	24223.00	0.00	82.99	0.00	0.00	0	0	0	245	8	0
243+00	24300.00	77.00	76.47	0.00	0.00	227	0	0	472	8	0
244+00	24400.00	100.00	68.60	0.00	0.00	269	0	0	741	8	0
245+00	24500.00	100.00	81.57	133.86	0.00	278	248	0	1,019	256	0
245+53.49	24553.49	53.49	0.00	0.00	0.00	81	133	0	1,100	389	0
							RAMP J SUBTOTAL:		**1,100**	**389**	**0**

STAGE 3 - RAMP K

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
245+51.43	24551.43	0.00	0.00	0.00	0.00	0	0	0	0	0	0
246+00	24600.00	48.57	210.87	0.00	0.00	190	0	0	190	0	0
246+50.16	24650.16	50.16	85.76	3.70	0.00	276	3	0	465	3	0
247+00	24700.00	49.84	79.00	103.04	0.00	152	99	0	617	102	0
248+00	24800.00	100.00	77.17	88.65	0.00	289	355	0	906	457	0
249+00	24900.00	100.00	84.70	47.18	0.00	300	252	0	1,206	708	0
250+00	25000.00	100.00	70.59	0.52	0.00	288	88	0	1,494	797	0
251+00	25100.00	100.00	82.08	0.00	0.00	283	1	0	1,777	798	0
252+00	25200.00	100.00	88.49	0.00	0.00	316	0	0	2,092	798	0
253+00	25300.00	100.00	77.51	0.00	0.00	307	0	0	2,400	798	0
254+00	25400.00	100.00	73.17	0.00	0.00	279	0	0	2,679	798	0
255+00	25500.00	100.00	44.86	0.00	0.00	219	0	0	2,897	798	0
256+00	25600.00	100.00	39.31	2.69	0.00	156	5	0	3,053	803	0
257+00	25700.00	100.00	36.23	6.21	0.00	140	16	0	3,193	819	0
258+00	25800.00	100.00	35.42	7.84	0.00	133	26	0	3,326	845	0
259+00	25900.00	100.00	32.62	8.32	0.00	126	30	0	3,452	875	0
259+38.23	25938.23	38.23	36.24	0.00	0.00	49	6	0	3,501	881	0
							RAMP K SUBTOTAL:		**3,501**	**881**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - RAMP S

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
272+56.59	27256.59	0.00	43.19	0.00	0.00	0	0	0	0	0	0
273+00	27300.00	43.41	43.26	0.00	0.00	70	0	0	70	0	0
274+00	27400.00	100.00	52.41	0.00	0.00	177	0	0	247	0	0
275+00	27500.00	100.00	55.53	0.00	0.00	200	0	0	447	0	0
276+00	27600.00	100.00	51.59	0.00	0.00	198	0	0	645	0	0
277+00	27700.00	100.00	41.24	2.16	0.00	172	4	0	817	4	0
278+00	27800.00	100.00	32.80	1.94	0.00	137	8	0	954	12	0
279+00	27900.00	100.00	51.98	0.00	0.00	157	4	0	1,111	15	0
280+00	28000.00	100.00	89.77	0.00	0.00	263	0	0	1,373	15	0
281+00	28100.00	100.00	74.54	0.00	0.00	304	0	0	1,678	15	0
282+00	28200.00	100.00	69.60	2.15	0.00	267	4	0	1,945	19	0
283+00	28300.00	100.00	81.10	0.16	0.00	279	4	0	2,224	23	0
284+00	28400.00	100.00	83.90	0.00	0.00	306	0	0	2,529	24	0
285+00	28500.00	100.00	86.08	0.10	0.00	315	0	0	2,844	24	0
286+00	28600.00	100.00	81.80	0.20	0.00	311	1	0	3,155	24	0
287+00	28700.00	100.00	76.01	1.02	0.00	292	2	0	3,447	27	0
288+00	28800.00	100.00	70.76	0.16	0.00	272	2	0	3,719	29	0
288+49.09	28849.09	49.09	82.97	1.36	0.00	140	1	0	3,859	30	0
							RAMP S SUBTOTAL:		**3,859**	**30**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - RAMP T

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
291+00	29100.00	0.00	66.07	0.00	0.00	0	0	0	0	0	0
292+00	29200.00	100.00	81.50	0.00	0.00	273	0	0	273	0	0
293+00	29300.00	100.00	75.28	0.00	0.00	290	0	0	564	0	0
294+00	29400.00	100.00	72.00	0.00	0.00	273	0	0	836	0	0
295+00	29500.00	100.00	70.81	0.00	0.00	264	0	0	1,101	0	0
296+00	29600.00	100.00	68.14	0.00	0.00	257	0	0	1,358	0	0
297+00	29700.00	100.00	67.89	0.00	0.00	252	0	0	1,610	0	0
298+00	29800.00	100.00	71.82	0.00	0.00	259	0	0	1,869	0	0
299+00	29900.00	100.00	76.27	0.00	0.00	274	0	0	2,143	0	0
300+00	30000.00	100.00	70.83	0.00	0.00	272	0	0	2,415	0	0
301+00	30100.00	100.00	67.98	0.02	0.00	257	0	0	2,672	0	0
302+00	30200.00	100.00	71.31	0.03	0.00	258	0	0	2,930	0	0
303+00	30300.00	100.00	73.45	0.00	0.00	268	0	0	3,199	0	0
304+00	30400.00	100.00	106.32	0.00	0.00	333	0	0	3,531	0	0
305+00	30500.00	100.00	65.42	0.00	0.00	318	0	0	3,849	0	0
306+00	30600.00	100.00	42.03	0.02	0.00	199	0	0	4,048	0	0
307+00	30700.00	100.00	34.83	0.31	0.00	142	1	0	4,191	1	0
308+00	30800.00	100.00	31.84	0.09	0.00	123	1	0	4,314	2	0
309+00	30900.00	100.00	36.40	0.00	0.00	126	0	0	4,441	2	0
310+00	31000.00	100.00	34.82	0.00	0.00	132	0	0	4,572	2	0
311+00	31100.00	100.00	28.50	0.00	0.00	117	0	0	4,690	2	0
311+01	31101.00	1.00	28.45	0.00	0.00	1	0	0	4,691	2	0
							RAMP T SUBTOTAL:		**4,691**	**2**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - RAMP W

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
323+65.06	32365.06	0.00	14.12	0.00	0.00	0	0	0	0	0	0
324+00	32400.00	34.94	14.43	0.00	0.00	18	0	0	18	0	0
325+00	32500.00	100.00	23.88	0.00	0.00	71	0	0	89	0	0
326+00	32600.00	100.00	33.62	0.00	0.00	106	0	0	196	0	0
327+00	32700.00	100.00	43.15	0.00	0.00	142	0	0	338	0	0
328+00	32800.00	100.00	47.34	0.00	0.00	168	0	0	506	0	0
329+00	32900.00	100.00	52.85	0.00	0.00	186	0	0	691	0	0
330+00	33000.00	100.00	52.72	0.00	0.00	195	0	0	887	0	0
331+00	33100.00	100.00	50.47	0.00	0.00	191	0	0	1,078	0	0
332+00	33200.00	100.00	64.30	0.00	0.00	213	0	0	1,290	0	0
333+00	33300.00	100.00	64.89	0.00	0.00	239	0	0	1,530	0	0
334+00	33400.00	100.00	62.08	0.00	0.00	235	0	0	1,765	0	0
335+00	33500.00	100.00	62.22	0.00	0.00	230	0	0	1,995	0	0
336+00	33600.00	100.00	74.51	0.21	0.00	253	0	0	2,248	0	0
337+00	33700.00	100.00	62.23	0.00	0.00	253	0	0	2,501	1	0
338+00	33800.00	100.00	69.65	0.00	0.00	244	0	0	2,746	1	0
339+00	33900.00	100.00	75.96	0.00	0.00	270	0	0	3,015	1	0
340+00	34000.00	100.00	70.53	0.00	0.00	271	0	0	3,287	1	0
341+00	34100.00	100.00	68.83	0.75	0.00	258	1	0	3,545	2	0
342+00	34200.00	100.00	73.42	4.91	0.00	263	10	0	3,808	13	0
343+00	34300.00	100.00	72.64	5.57	0.00	270	19	0	4,078	32	0
344+00	34400.00	100.00	64.79	7.79	0.00	254	25	0	4,333	57	0
345+00	34500.00	100.00	75.63	5.19	0.00	260	24	0	4,593	81	0
346+00	34600.00	100.00	89.30	0.89	0.00	305	11	0	4,898	92	0
347+00	34700.00	100.00	83.91	0.00	0.00	321	2	0	5,219	94	0
348+00	34800.00	100.00	124.06	0.77	0.00	385	1	0	5,604	95	0
348+41.92	34841.92	41.92	0.00	0.00	0.00	96	1	0	5,701	96	0
							RAMP W SUBTOTAL:		**5,701**	**96**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - RAMP X

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
348+76.19	34876.19	0.00	36.20	0.00	0.00	0	0	0	0	0	0
349+00	34900.00	23.81	151.90	1.90	0.00	83	1	0	83	1	0
350+00	35000.00	100.00	85.64	18.99	0.00	440	39	0	523	40	0
351+00	35100.00	100.00	74.64	16.75	0.00	297	66	0	820	106	0
352+00	35200.00	100.00	68.43	0.00	0.00	265	31	0	1,085	137	0
353+00	35300.00	100.00	67.70	0.00	0.00	252	0	0	1,337	137	0
354+00	35400.00	100.00	58.35	0.00	0.00	233	0	0	1,570	137	0
355+00	35500.00	100.00	57.41	0.05	0.00	214	0	0	1,784	137	0
356+00	35600.00	100.00	60.08	0.00	0.00	218	0	0	2,002	137	0
357+00	35700.00	100.00	55.03	0.13	0.00	213	0	0	2,215	137	0
358+00	35800.00	100.00	47.22	0.51	0.00	189	1	0	2,405	138	0
359+00	35900.00	100.00	49.94	0.30	0.00	180	1	0	2,584	140	0
360+00	36000.00	100.00	52.48	0.09	0.00	190	1	0	2,774	141	0
361+00	36100.00	100.00	61.32	0.00	0.00	211	0	0	2,985	141	0
362+00	36200.00	100.00	70.94	0.00	0.00	245	0	0	3,230	141	0
363+00	36300.00	100.00	80.51	0.00	0.00	280	0	0	3,510	141	0
364+00	36400.00	100.00	91.30	0.00	0.00	318	0	0	3,828	141	0
365+00	36500.00	100.00	67.56	0.00	0.00	294	0	0	4,123	141	0
366+00	36600.00	100.00	56.90	0.00	0.00	230	0	0	4,353	141	0
367+00	36700.00	100.00	40.29	0.00	0.00	180	0	0	4,533	141	0
368+00	36800.00	100.00	36.35	0.00	0.00	142	0	0	4,675	141	0
369+00	36900.00	100.00	30.81	0.00	0.00	124	0	0	4,799	141	0
370+00	37000.00	100.00	30.47	0.00	0.00	113	0	0	4,913	141	0
371+00	37100.00	100.00	26.12	0.00	0.00	105	0	0	5,018	141	0
371+80	37180.00	80.00	22.54	0.00	0.00	72	0	0	5,090	141	0
							RAMP X SUBTOTAL:		**5,090**	**141**	**0**

STAGE 3 - HILTBRAND LN

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
792+30.24	79230.24	0.00	275.81	0.00	0.00	0	0	0	0	0	0
793+00	79300.00	69.76	20.88	9.42	0.00	383	12	0	383	12	0
793+58.98	79358.98	58.98	25.24	0.00	0.00	50	10	0	434	22	0
							HILTBRAND LN SUBTOTAL:		**434**	**22**	**0**

Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

STAGE 3 - RICHLAND RD NORTH

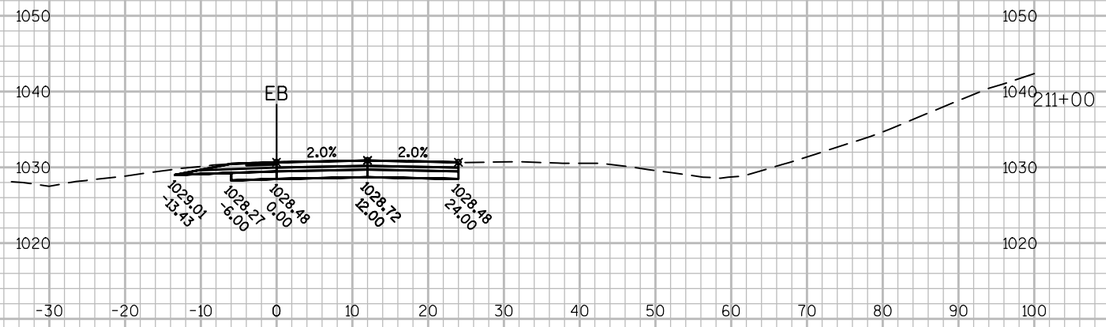
STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
783+26	78326.00	0.00	233.00	0.00	0.00	0	0	0	0	0	0
784+00	78400.00	74.00	39.00	36.22	0.00	373	50	0	373	50	0
784+34.71	78434.71	34.71	27.80	3.18	0.00	43	25	0	416	75	0
							RICHLAND RD NORTH SUBTOTAL:		**416**	**75**	**0**

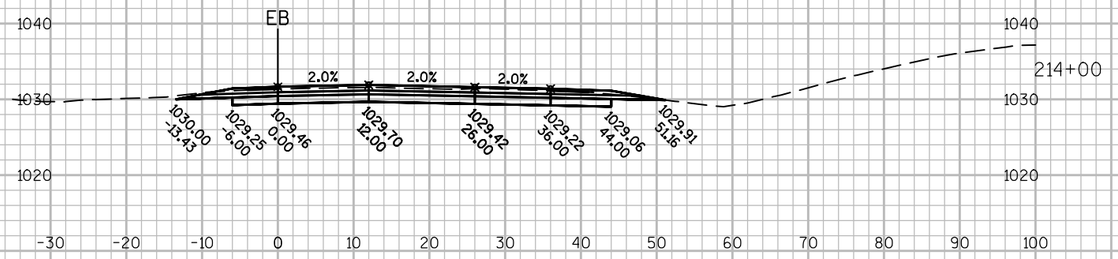
STAGE 3 - STAUFFACHER RD

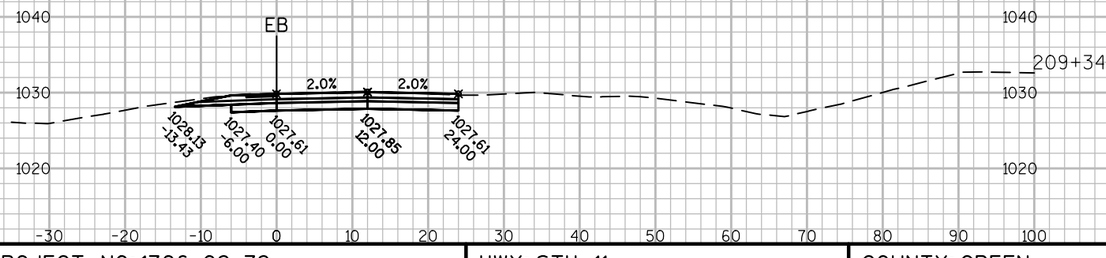
STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS
770+26	77026.00	0.00	194.43	0.00	0.00	0	0	0	0	0	0
771+00	77100.00	74.00	92.75	31.65	0.00	394	43	0	394	43	0
771+79.38	77179.38	79.38	26.31	0.27	0.00	175	47	0	569	90	0
							STAUFFACHER RD SUBTOTAL:		**569**	**90**	**0**

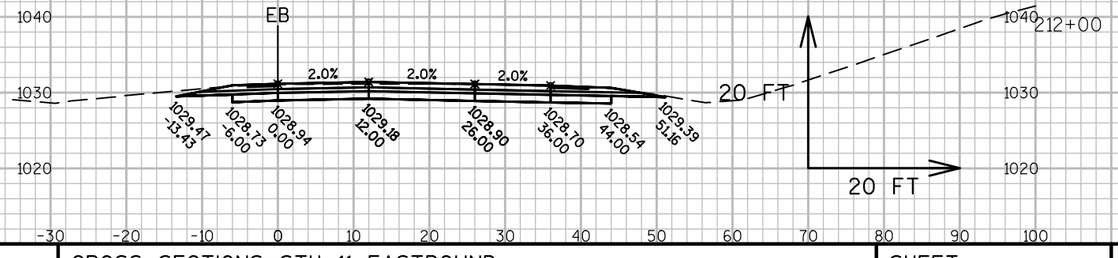
Earthwork values in this table have not been expanded. Fill expansion factor is 1.42

			STAGE 3 TOTAL:	**120,189**	**2,416**	**0**







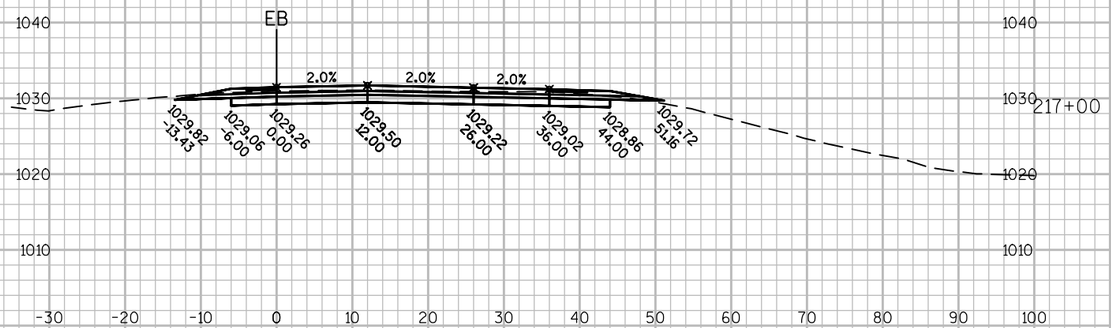


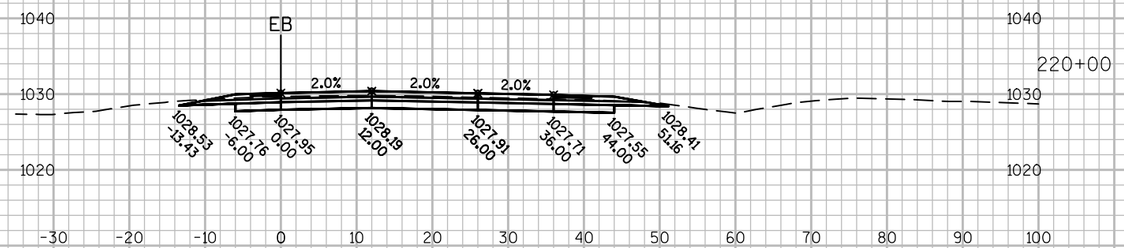
9

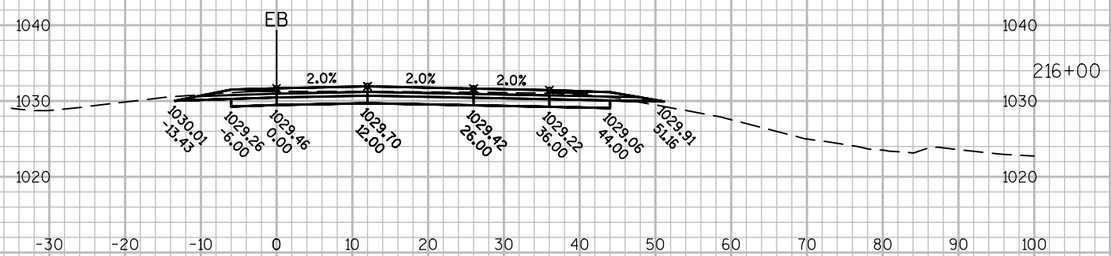
9

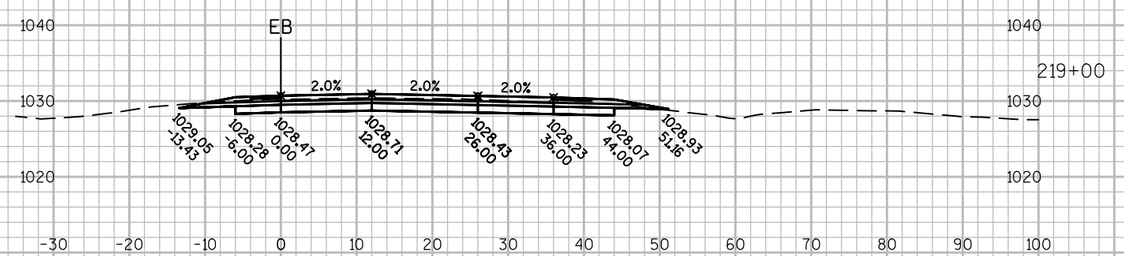
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 519	E

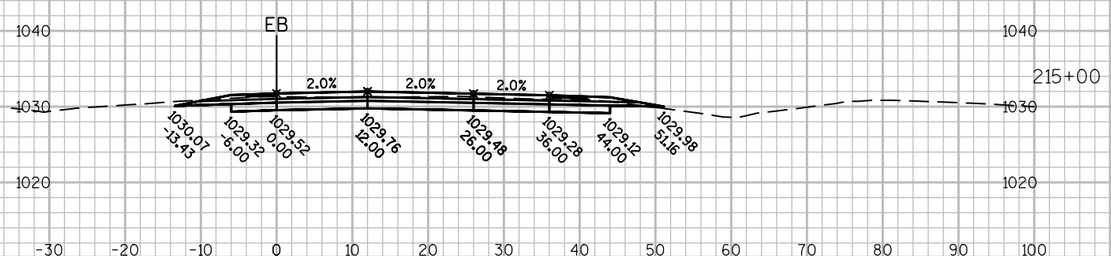
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (1)
PLOT DATE : 5/15/2018 12:34 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

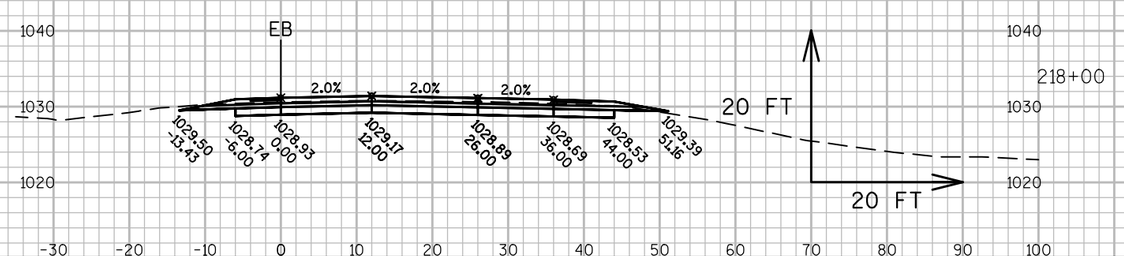












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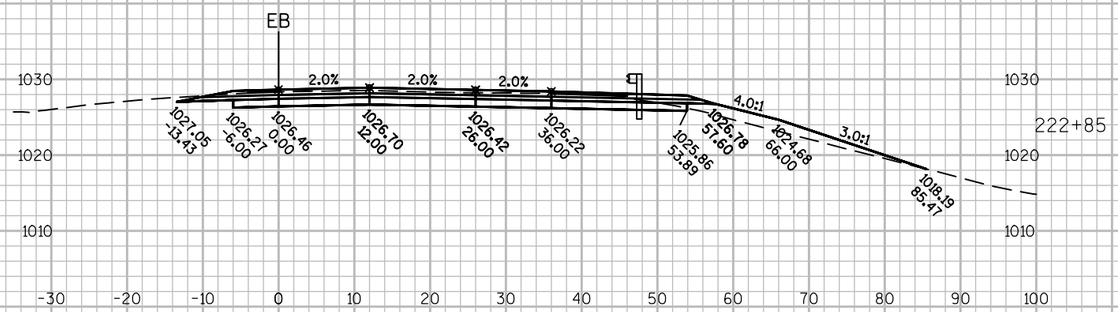
9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 520	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (2)
PLOT DATE : 5/15/2018 12:35 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

POST 1



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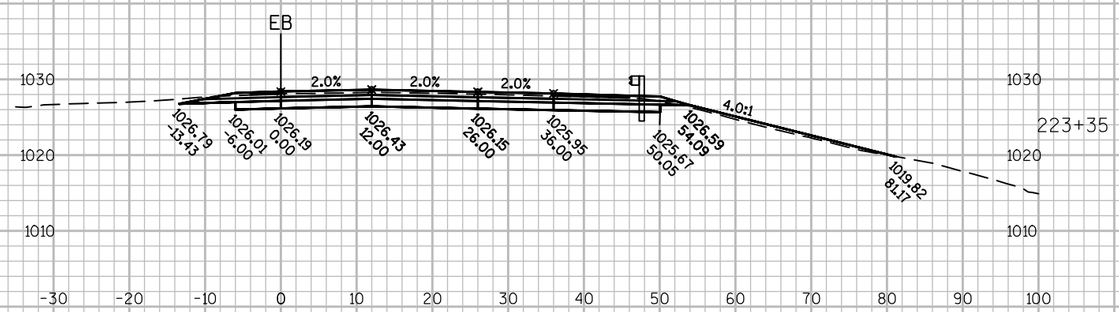
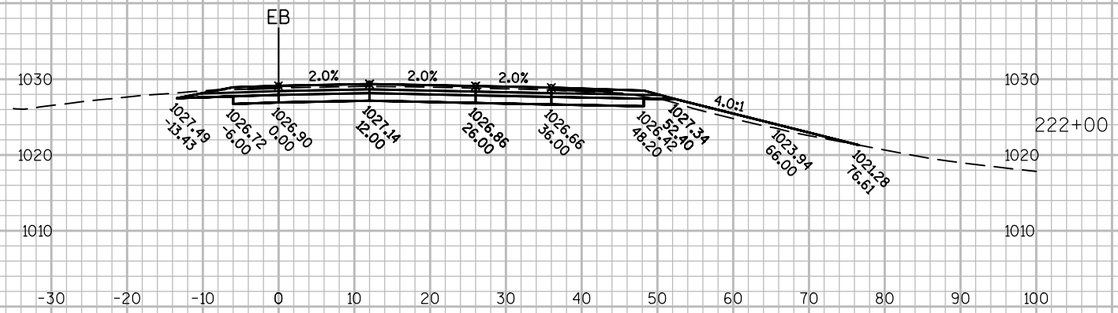
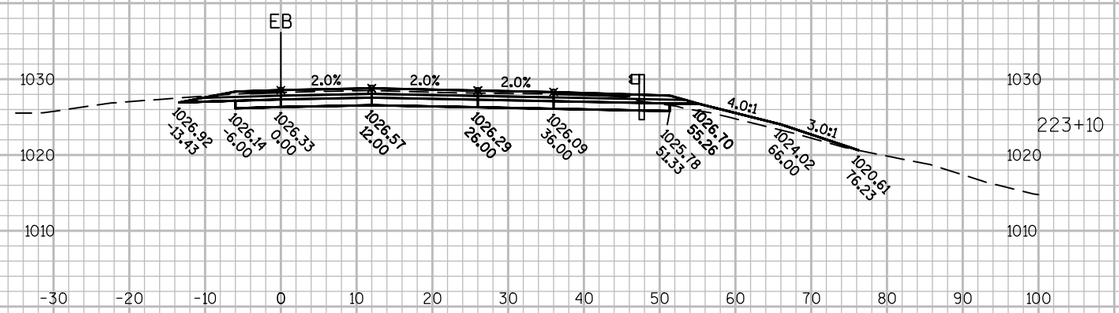
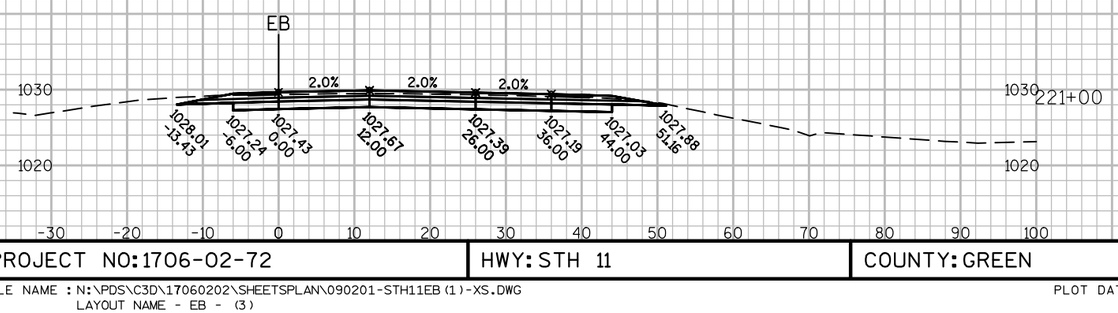
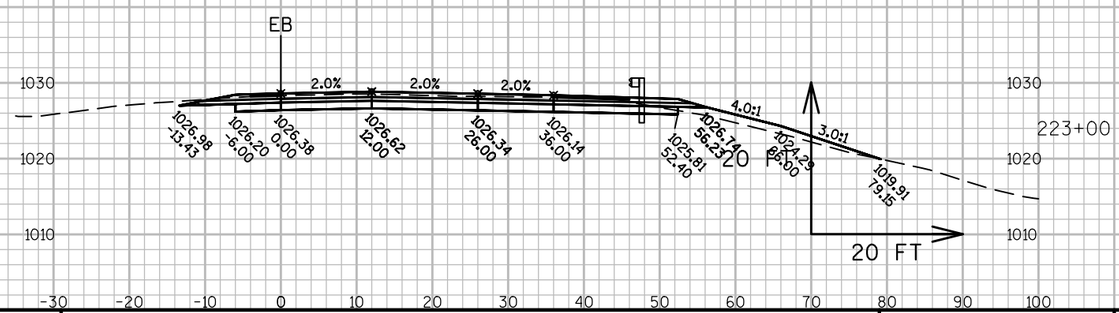


POST 5









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9

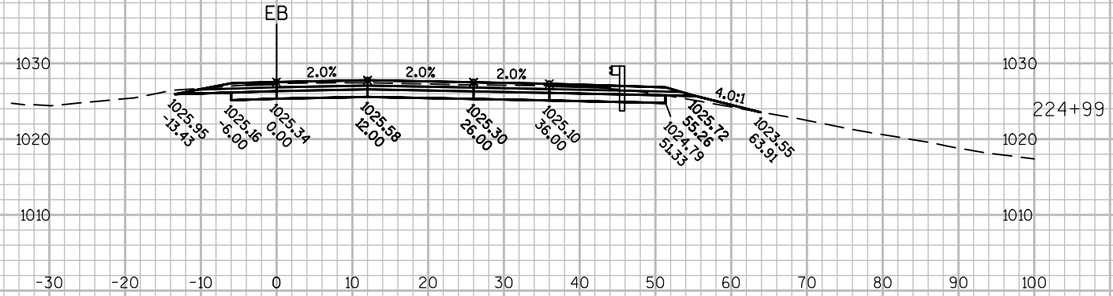
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 521	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (3)

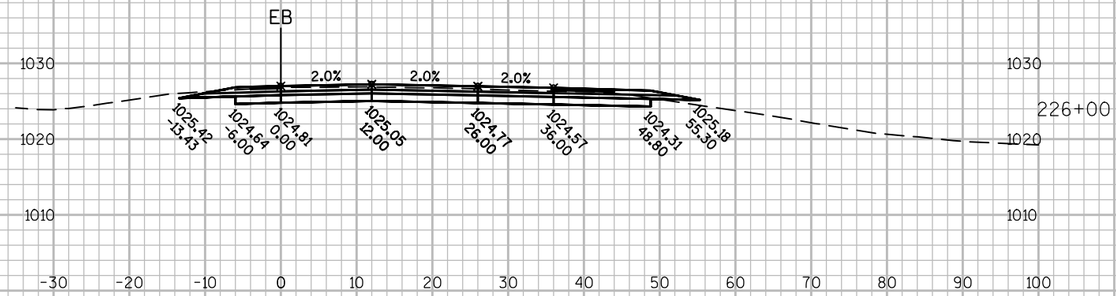
PLOT DATE : 5/15/2018 12:35 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

POST 5



POST 1



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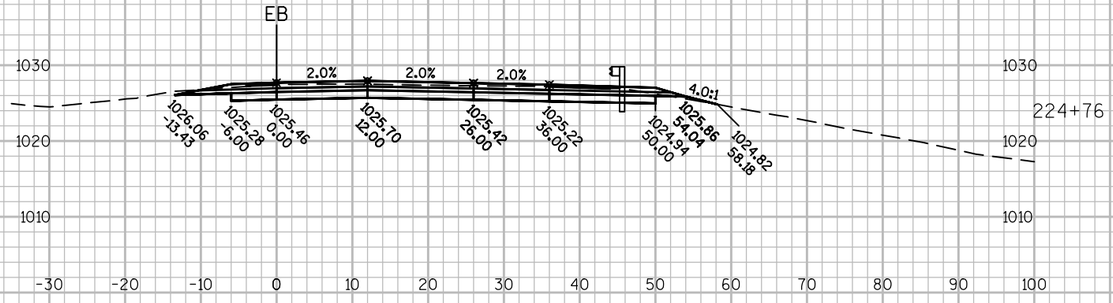

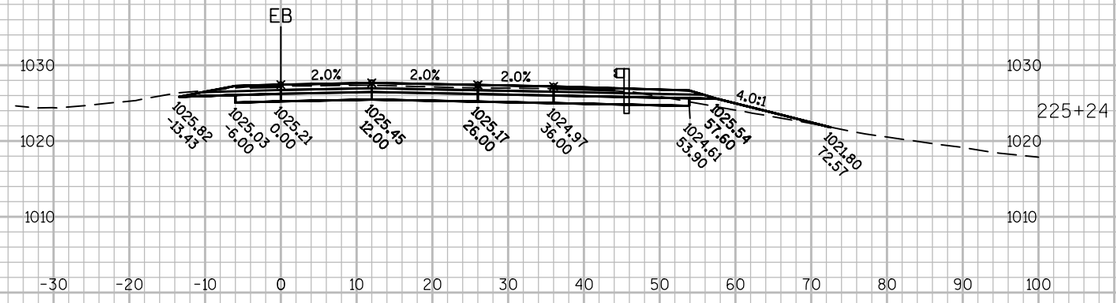

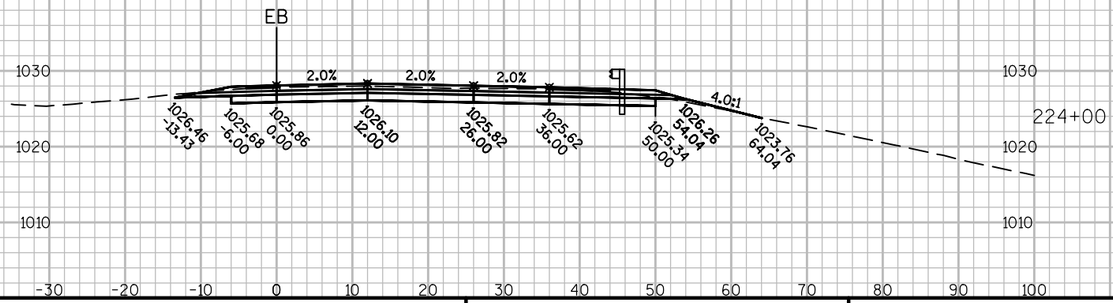

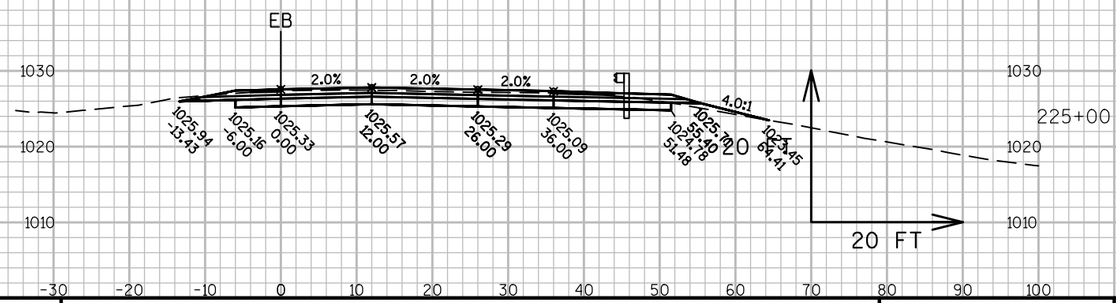

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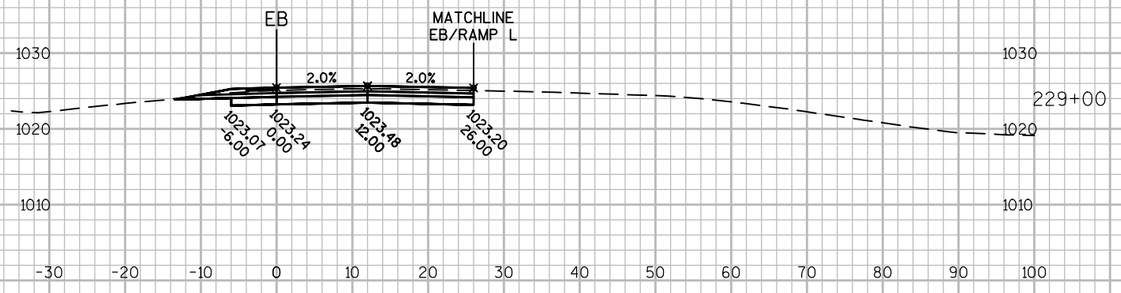
9

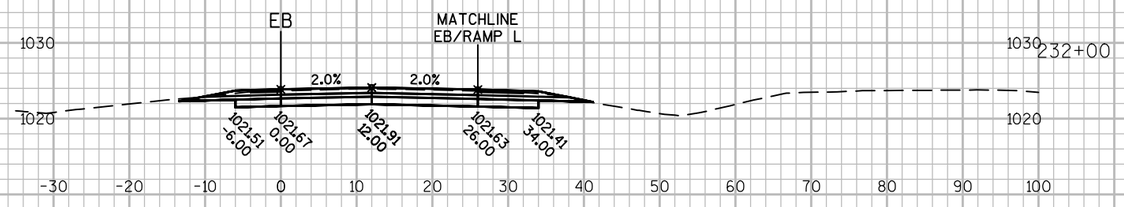
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 522	E

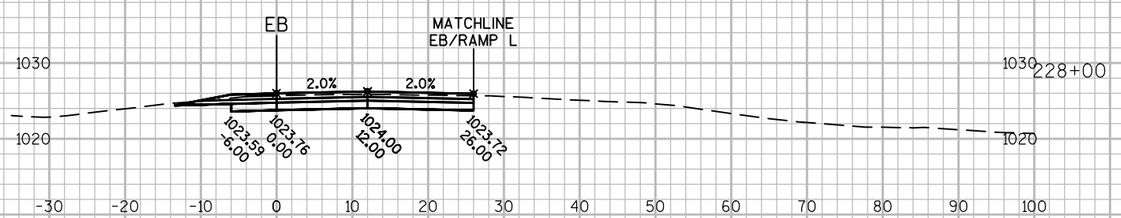
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (4)

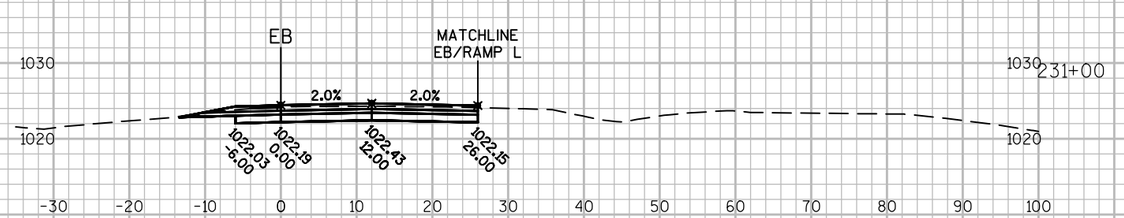
PLOT DATE : 5/15/2018 12:36 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

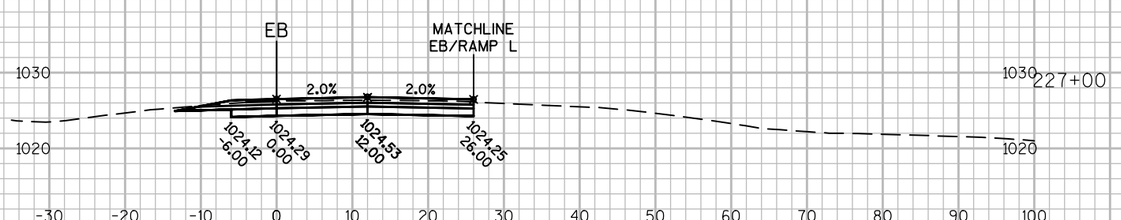
WISDOT/CADDS SHEET 49

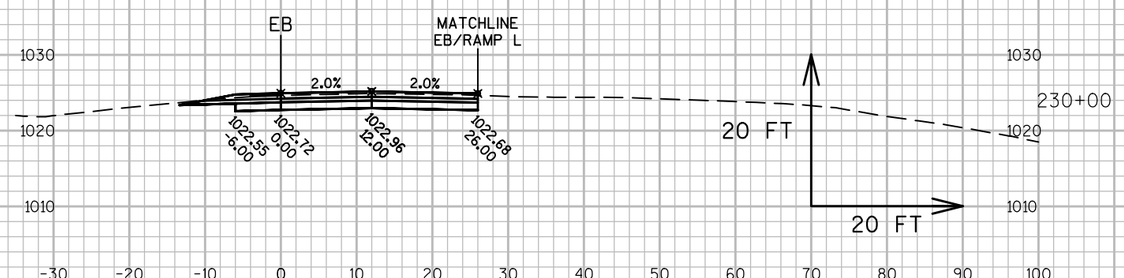












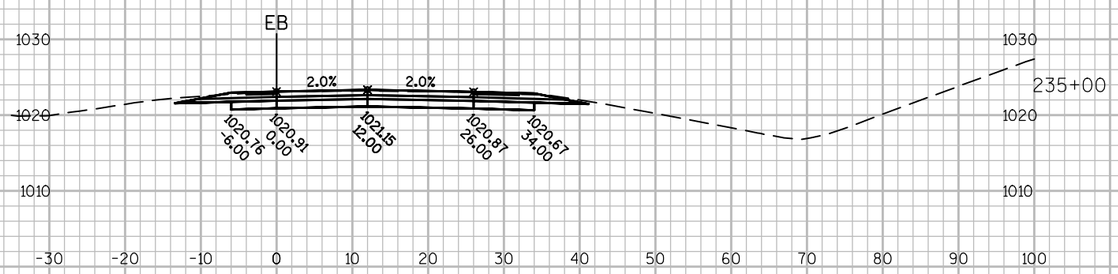
9

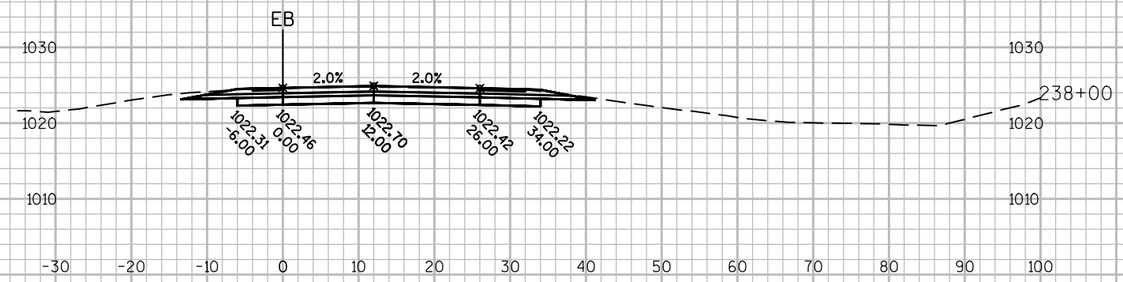
9

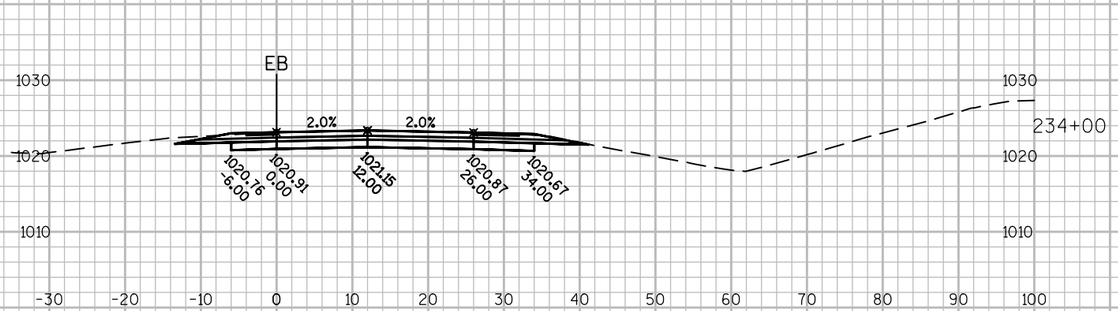
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 523	E

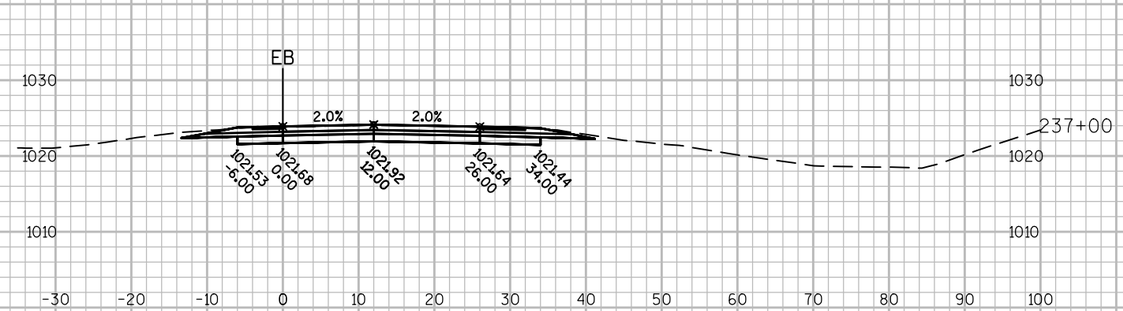
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (5)

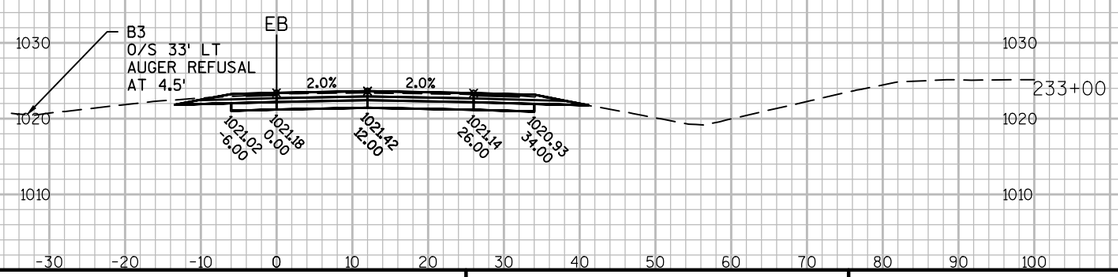
PLOT DATE : 1/16/2018 3:36 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

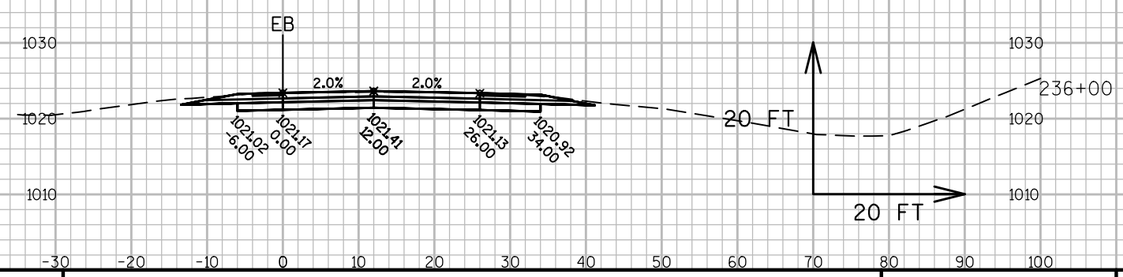












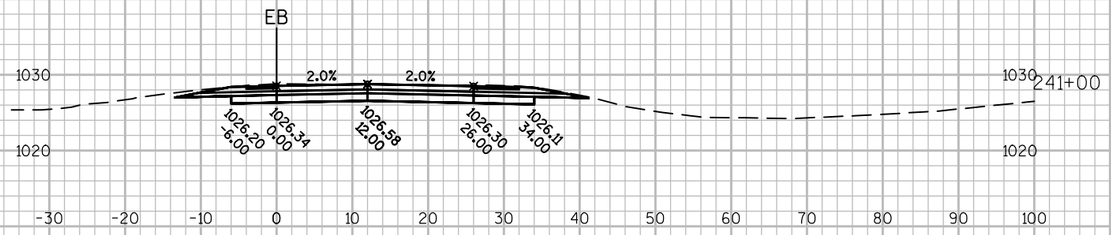
9

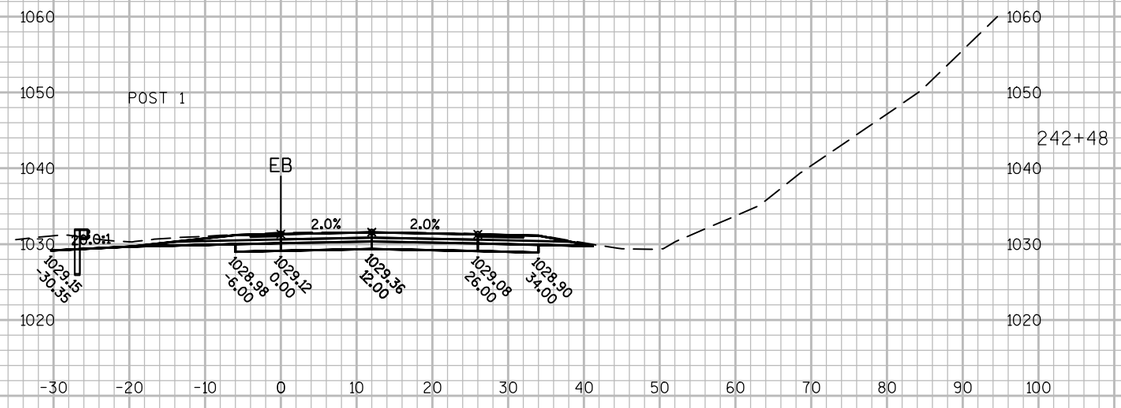
9

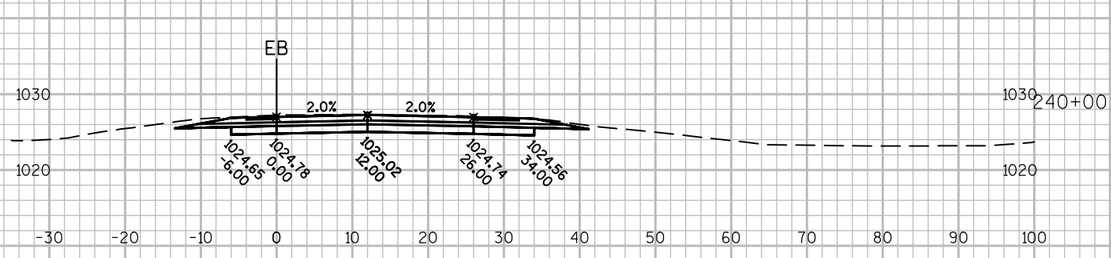
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 524	E

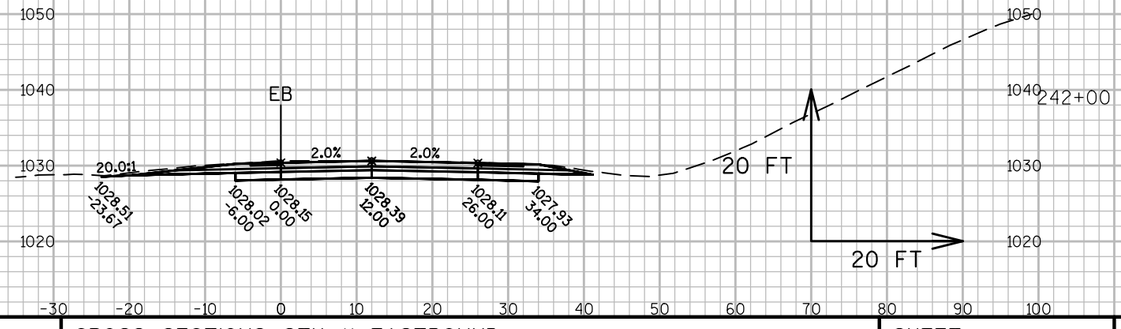
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (6)

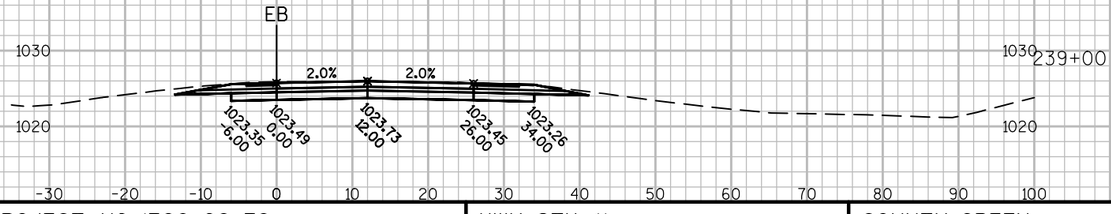
PLOT DATE : 1/16/2018 3:36 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT











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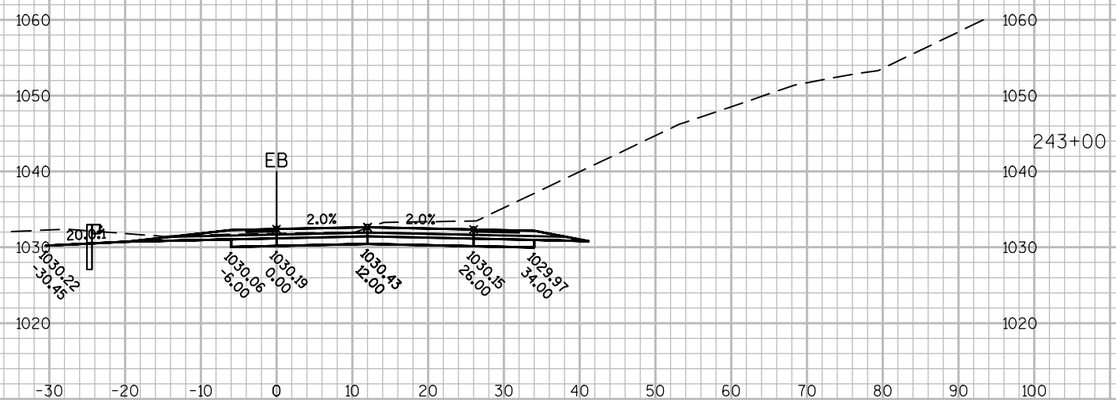
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 525	E

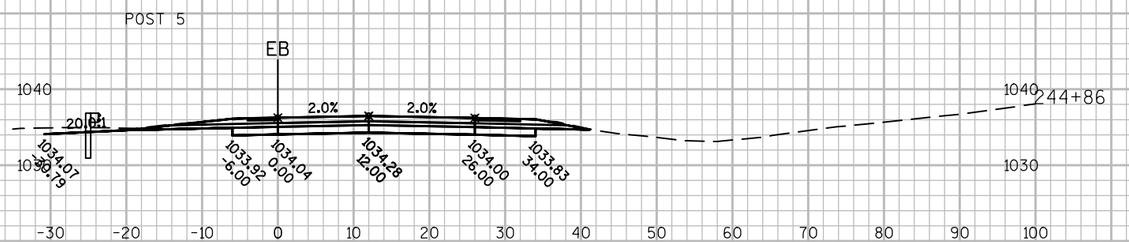
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (7)

PLOT DATE : 1/16/2018 3:36 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

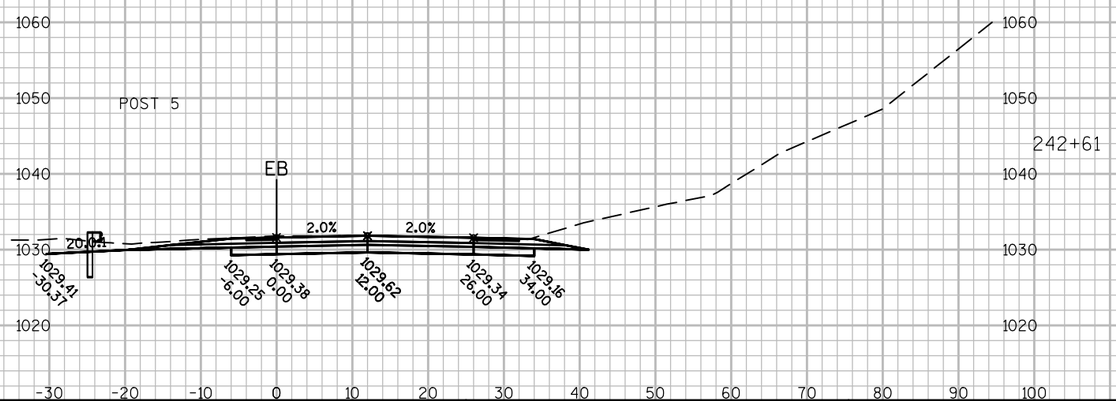
WISDOT/CADDS SHEET 49



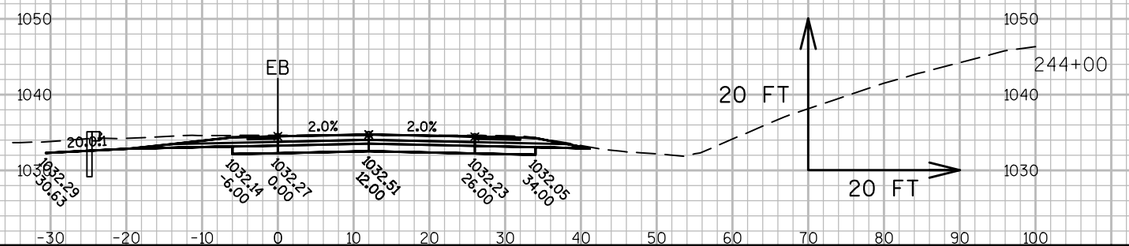
243+00



244+86



242+61



244+00

9

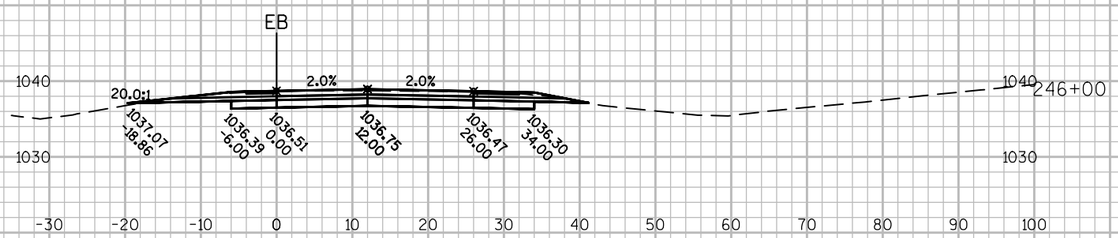
9

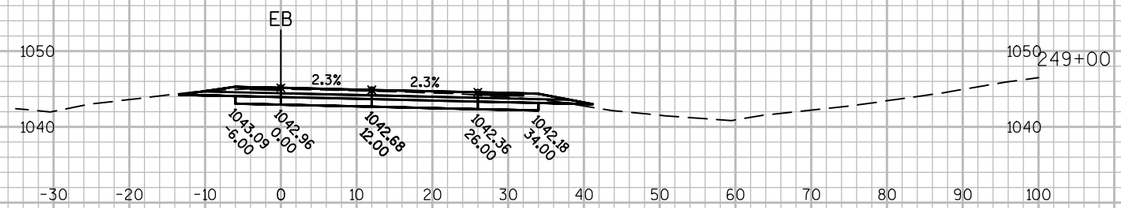
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET	E

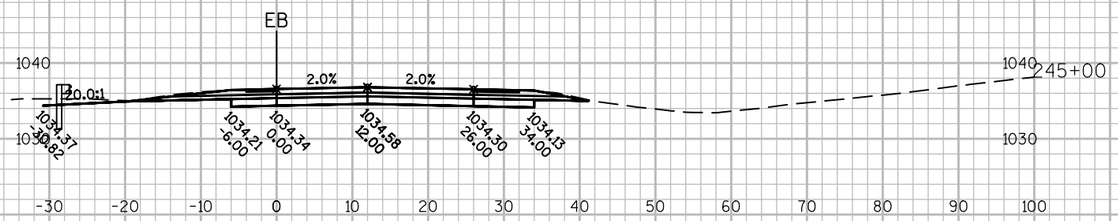
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (8)

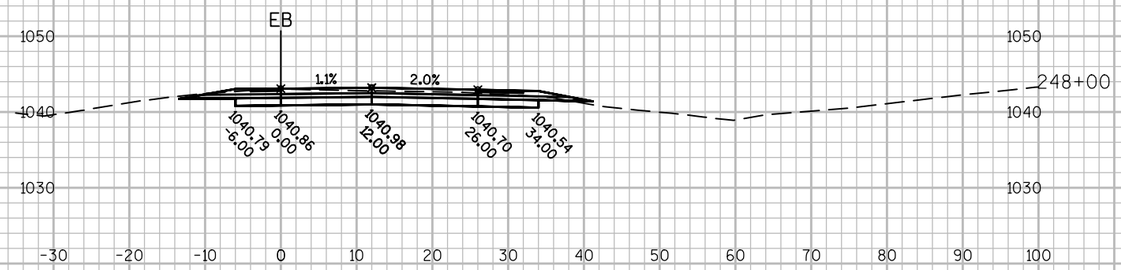
PLOT DATE : 1/16/2018 3:37 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

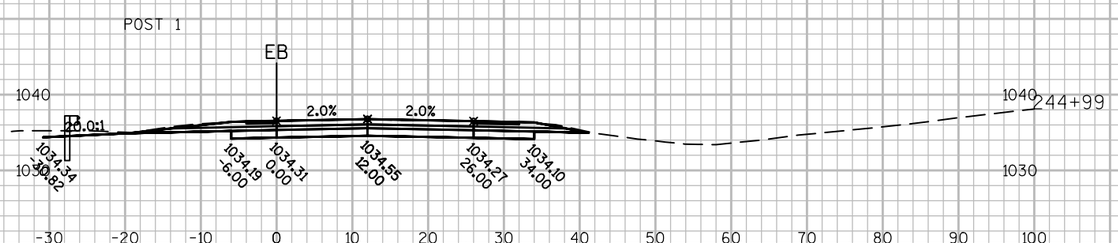
WISDOT/CADDS SHEET 49

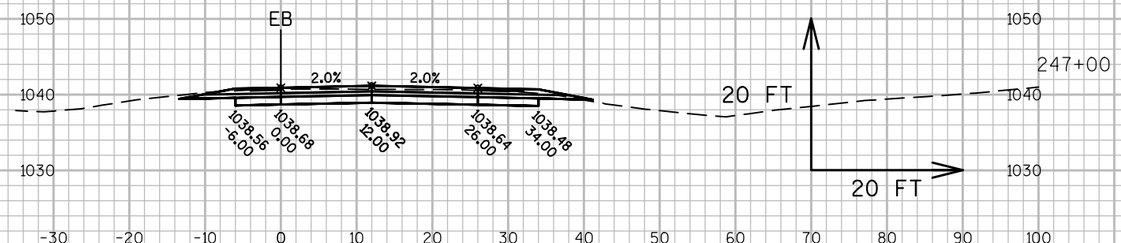












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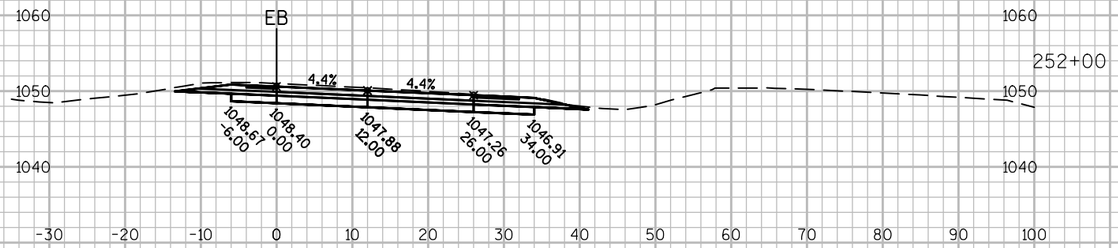
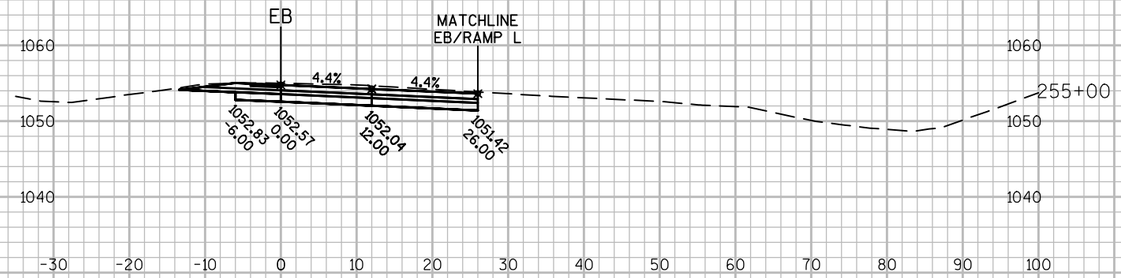
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 527	E

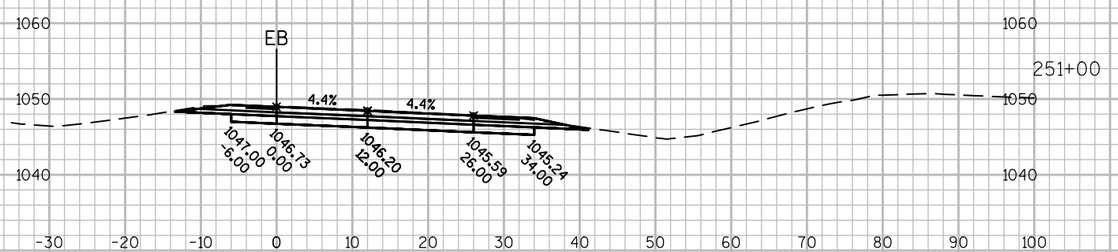
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (9)

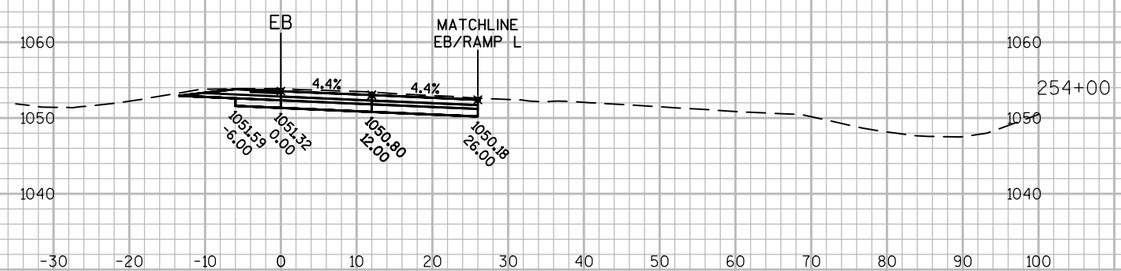
PLOT DATE : 1/16/2018 3:37 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

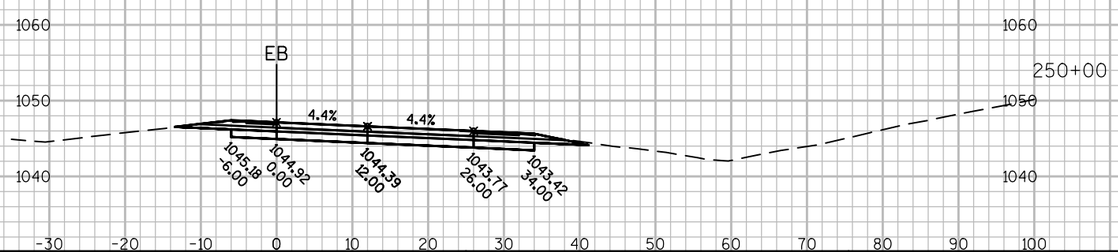
WISDOT/CADDS SHEET 49

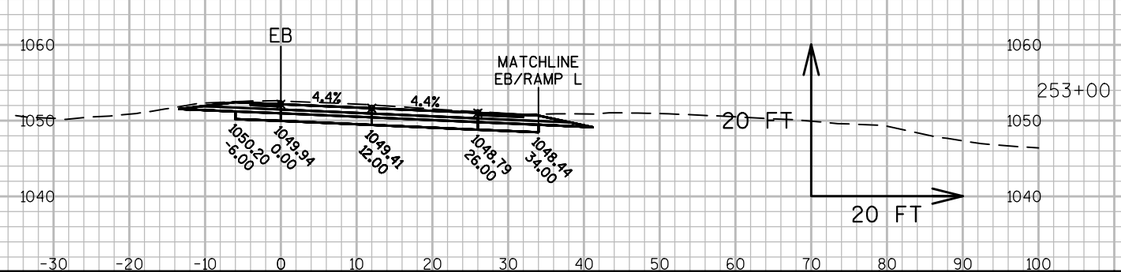












9

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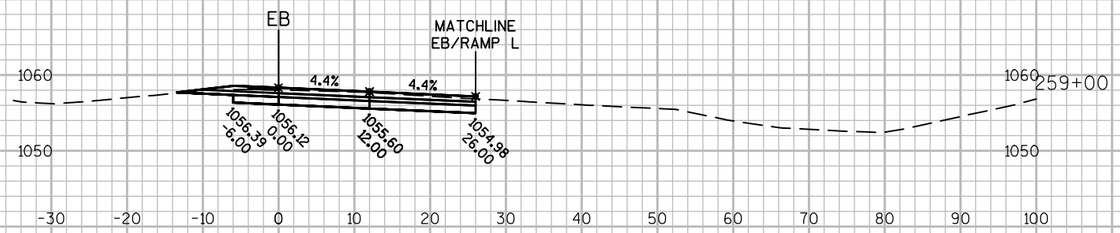
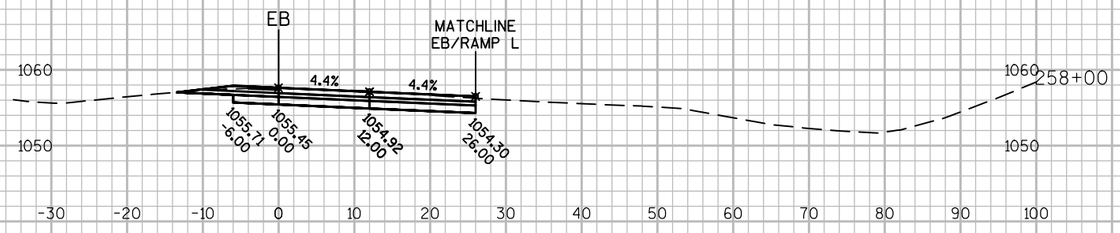
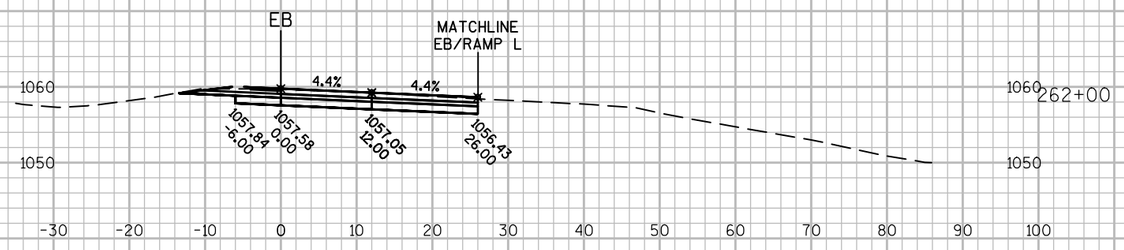
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 528	E

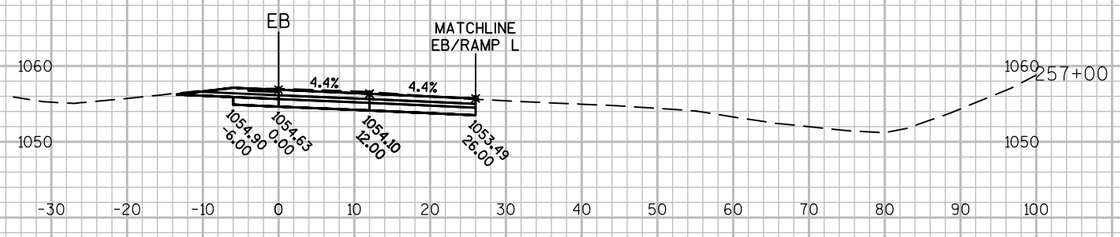
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (10)

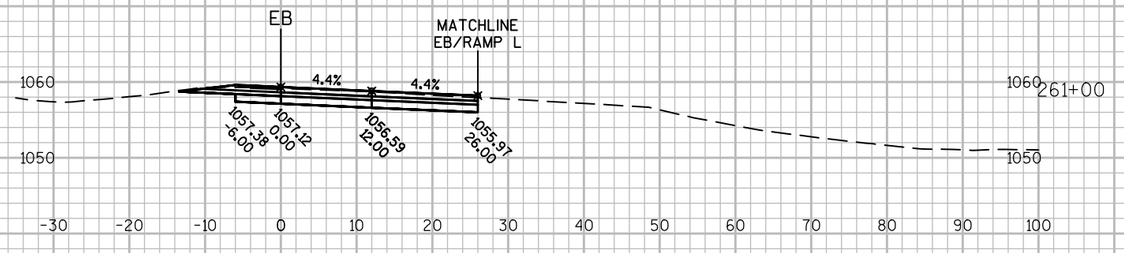
PLOT DATE : 1/16/2018 3:37 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

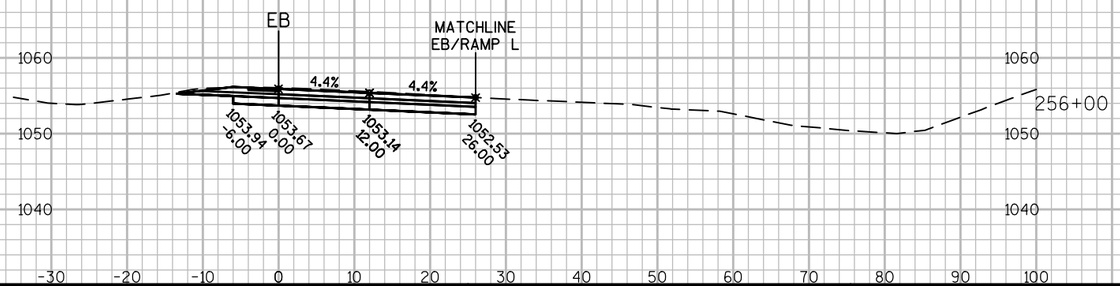


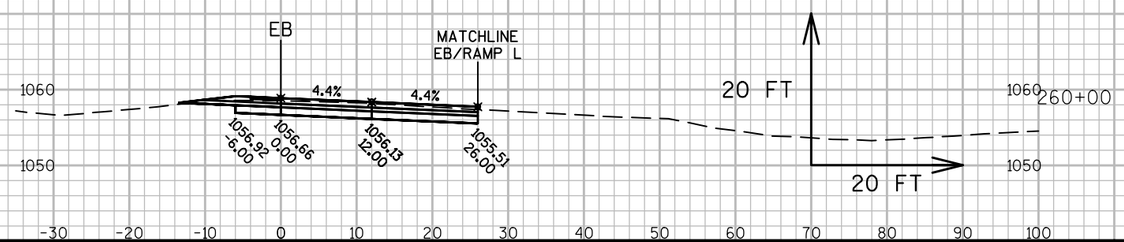












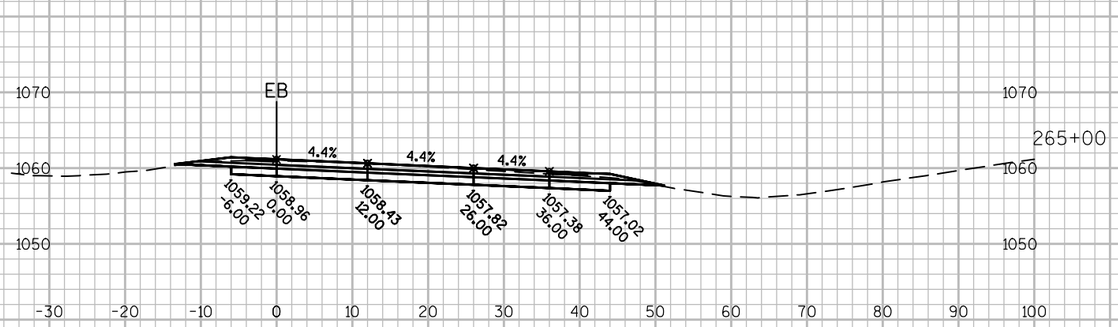
9

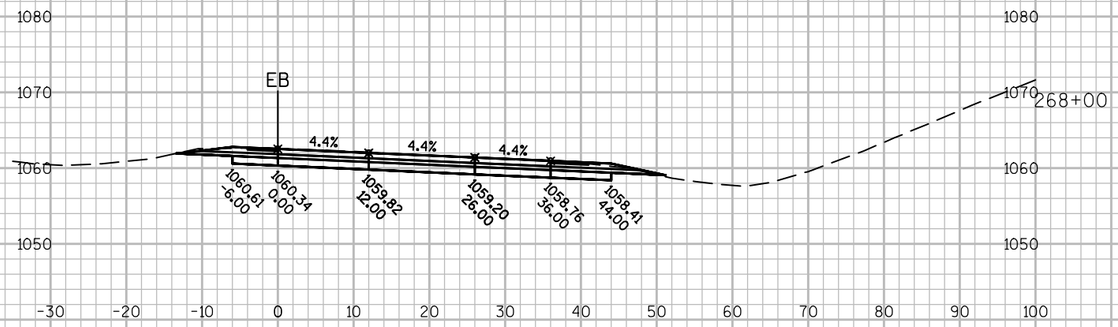
9

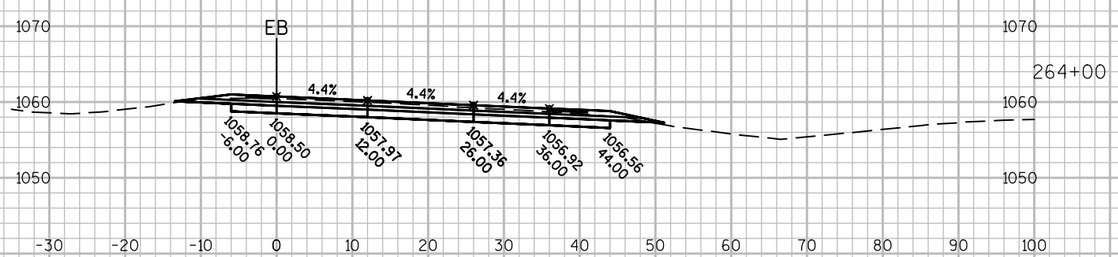
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 529	E

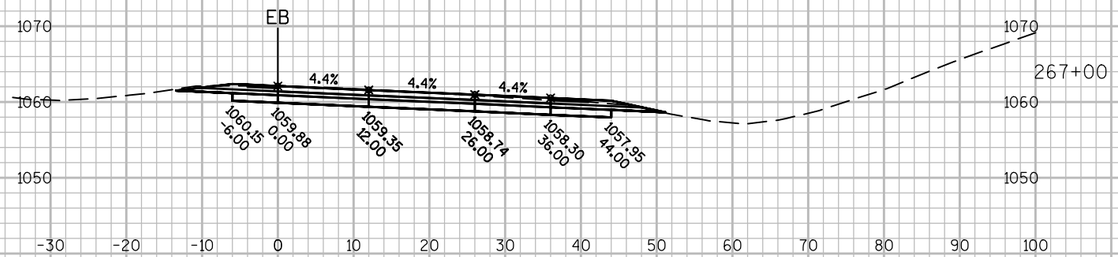
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(1)-XS.DWG
LAYOUT NAME - EB - (11)

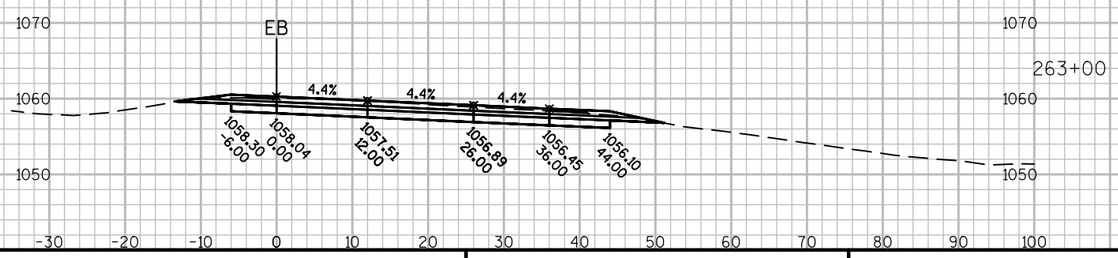
PLOT DATE : 1/16/2018 3:38 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

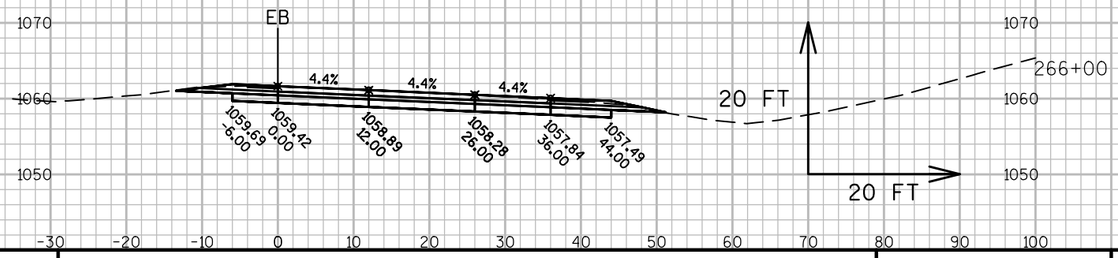












9

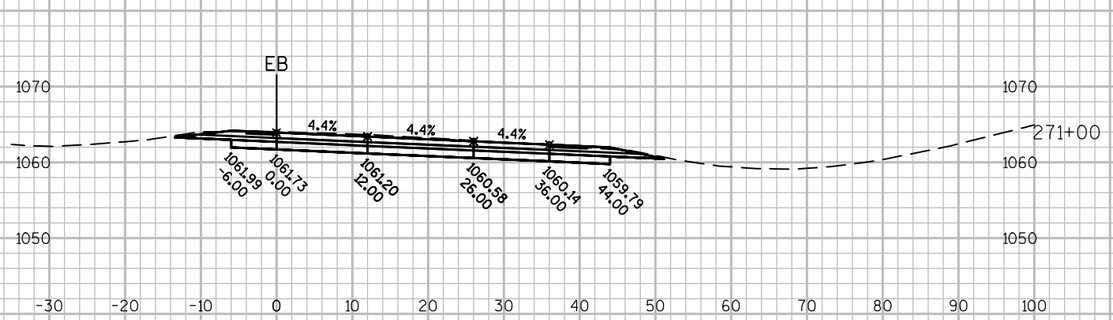
9

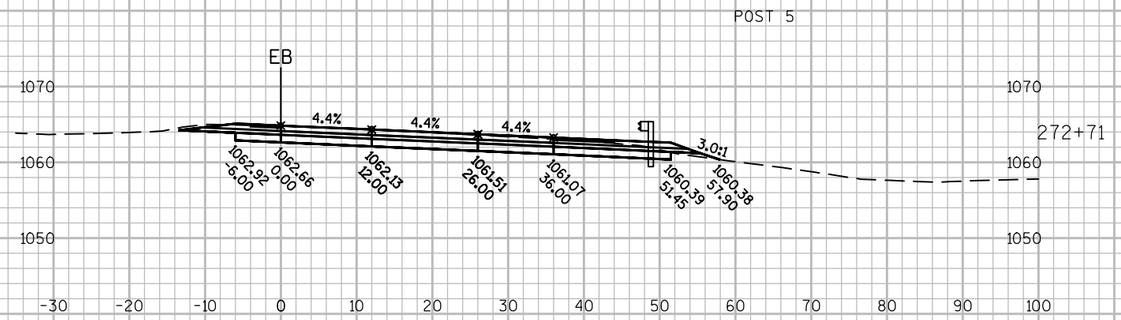
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 530	E

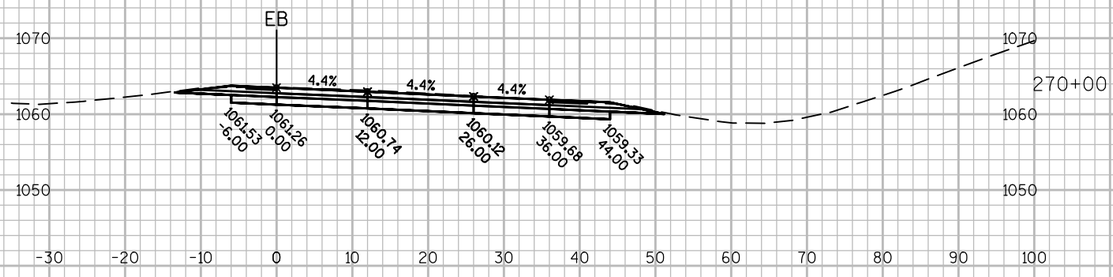
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (11A)

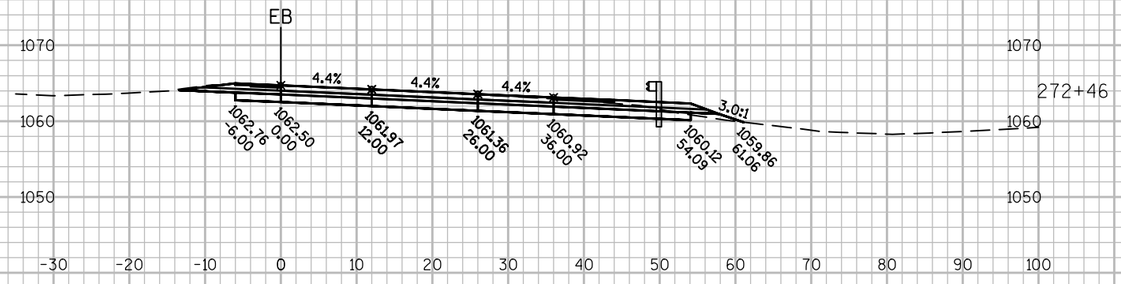
PLOT DATE : 1/16/2018 4:25 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

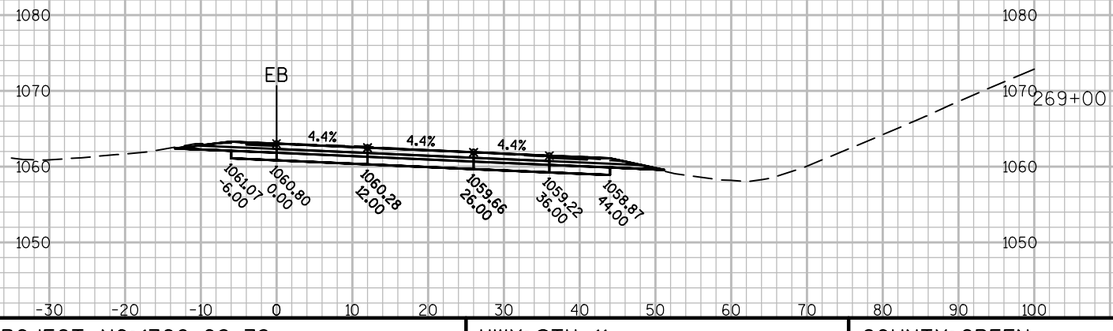
WISDOT/CADDS SHEET 49

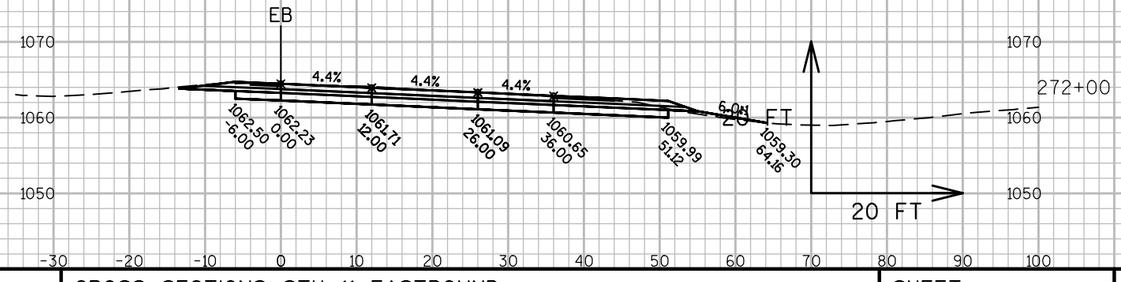












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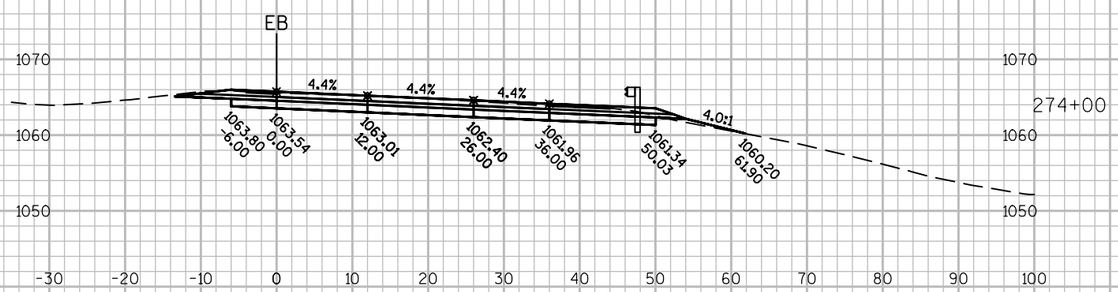
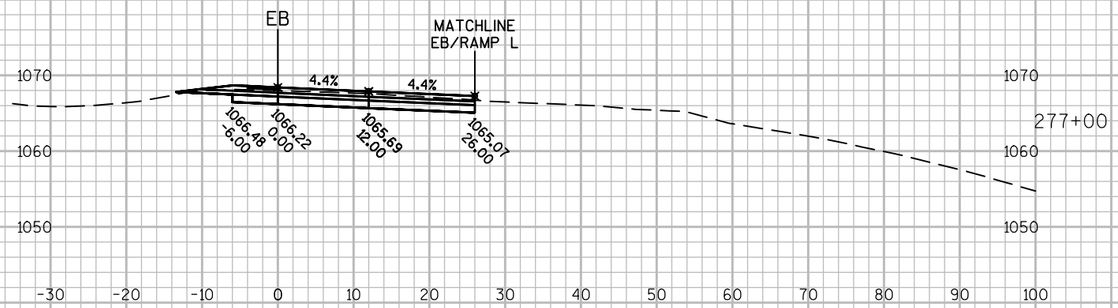
9

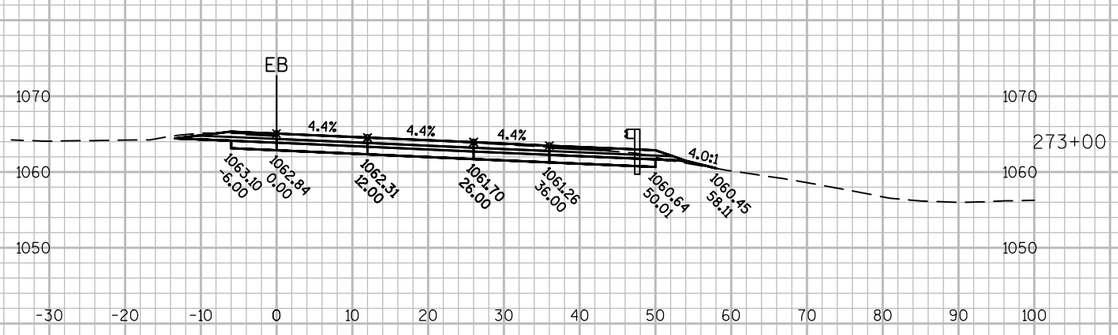
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 531	E

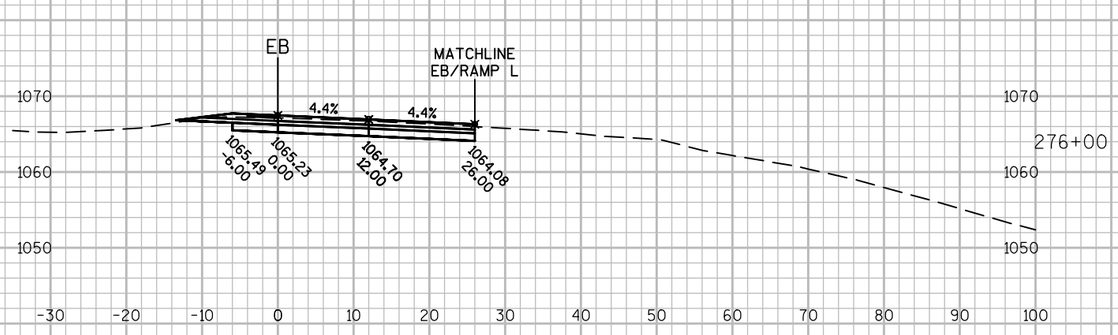
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (12)

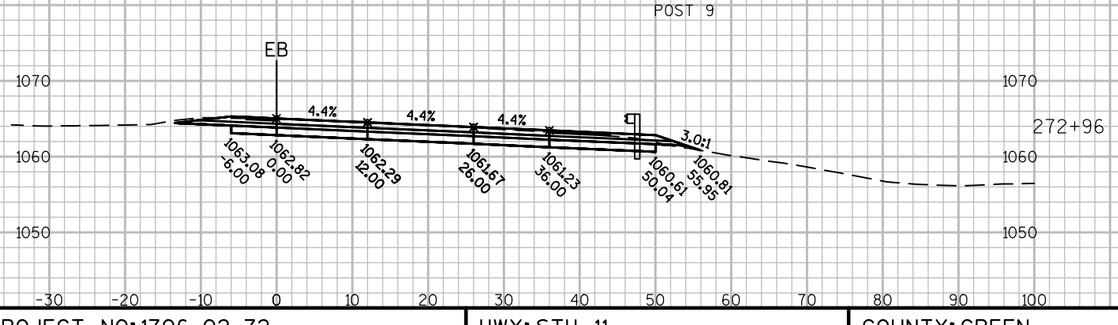
PLOT DATE : 1/16/2018 4:25 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

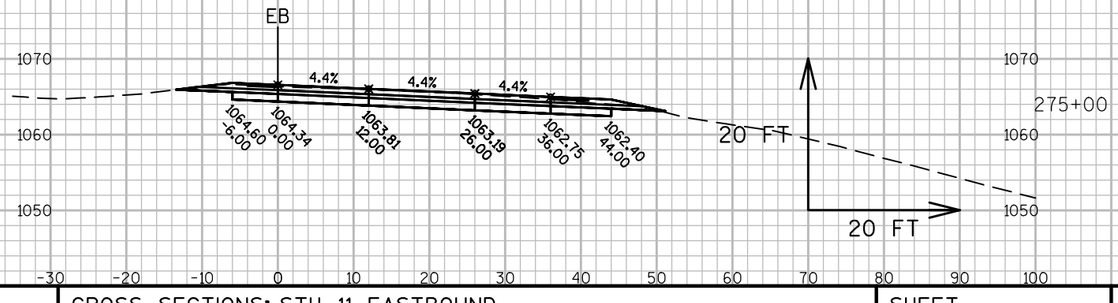










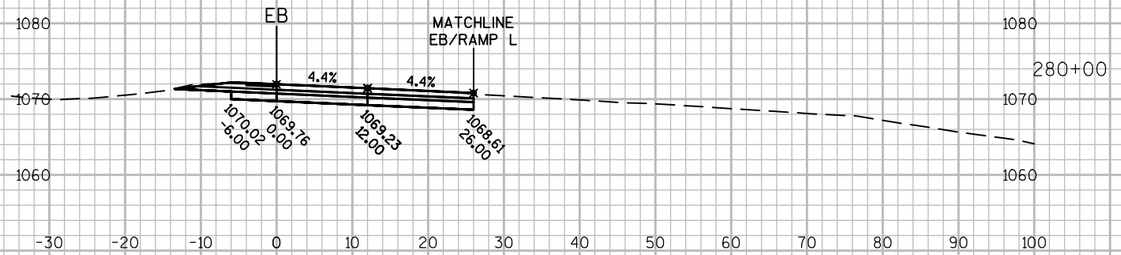


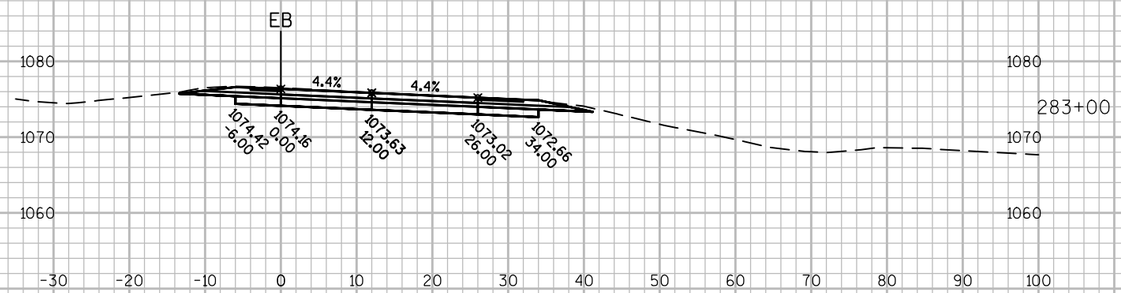
9

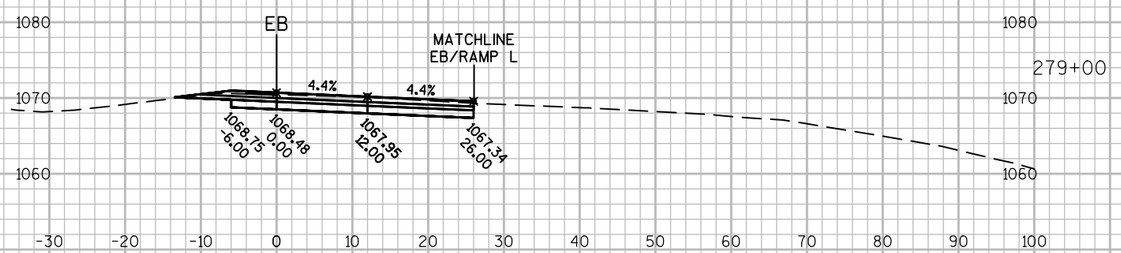
9

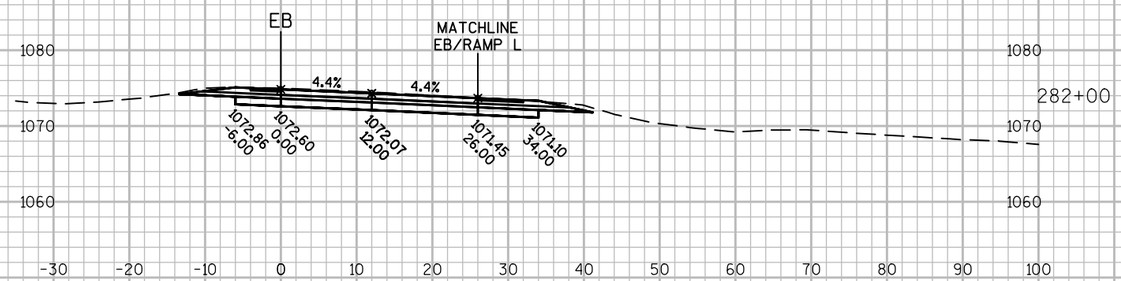
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 532	E

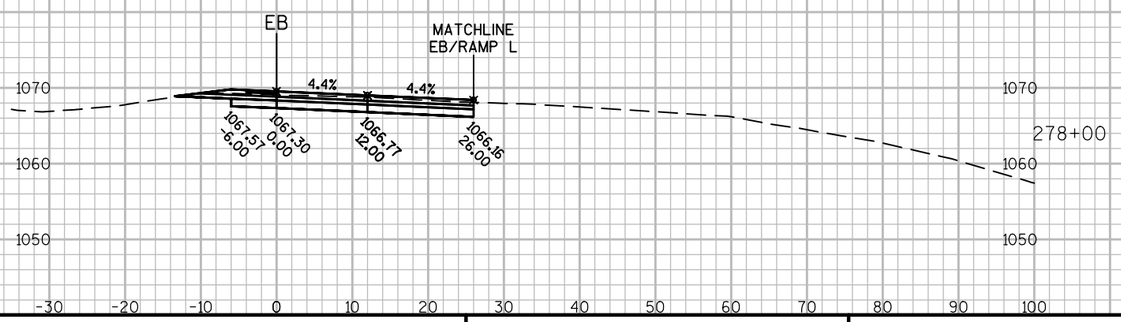
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (13)
PLOT DATE : 1/16/2018 4:25 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

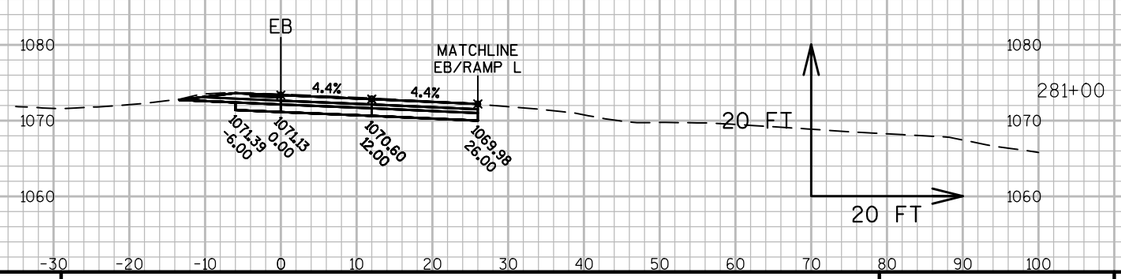












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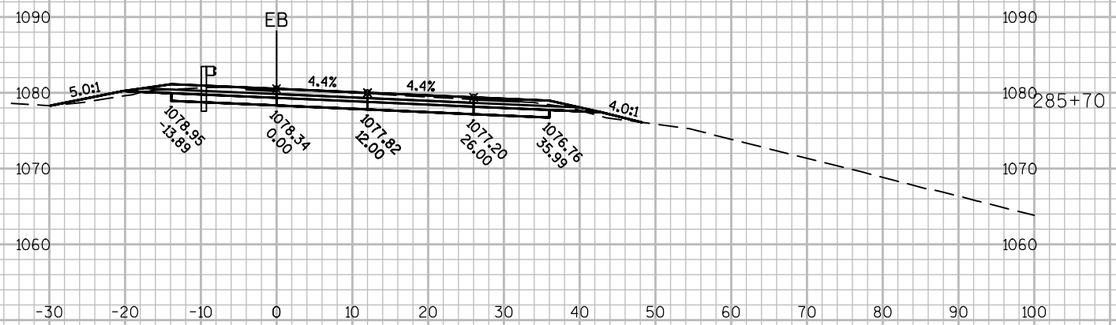
9

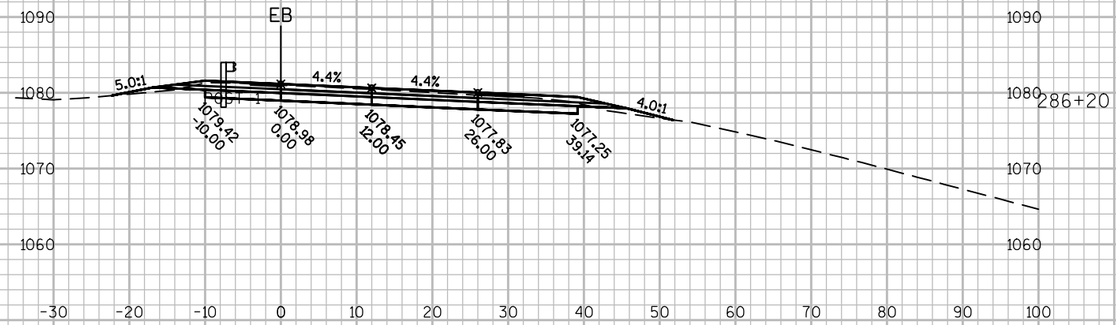
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 533	E

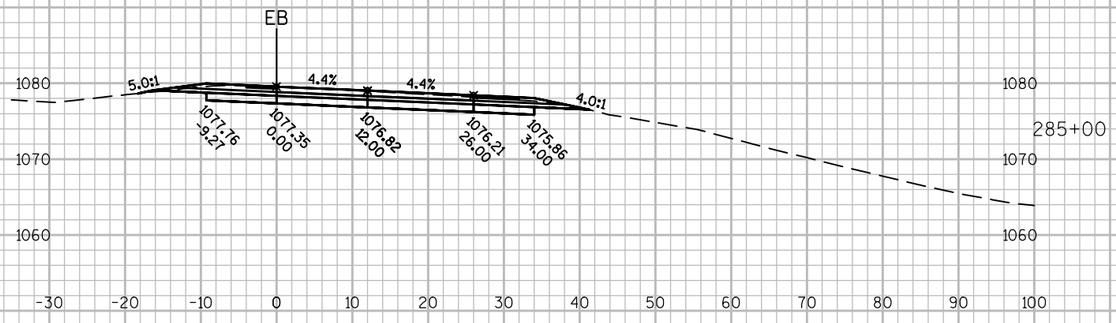
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (14)
PLOT DATE : 1/16/2018 4:26 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

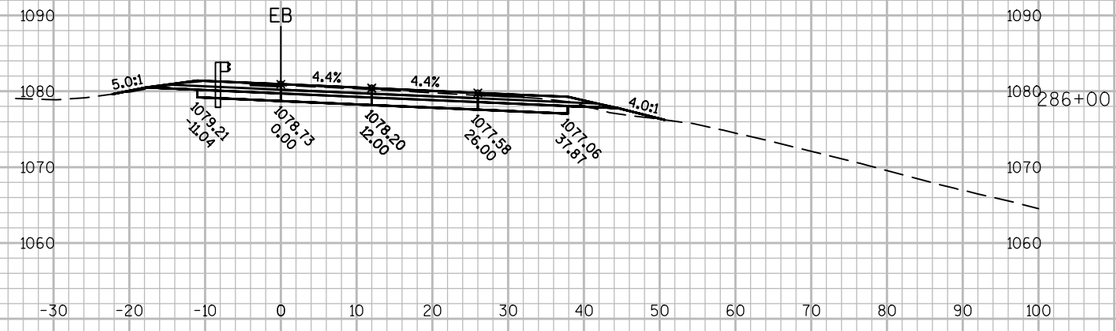
POST 1

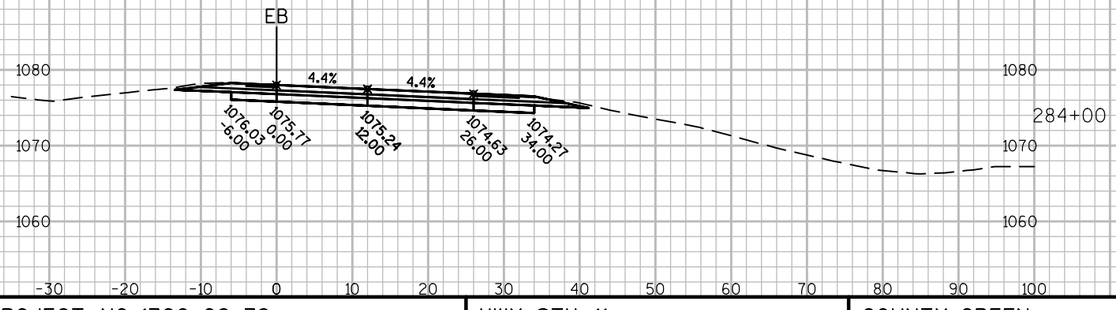


POST 9

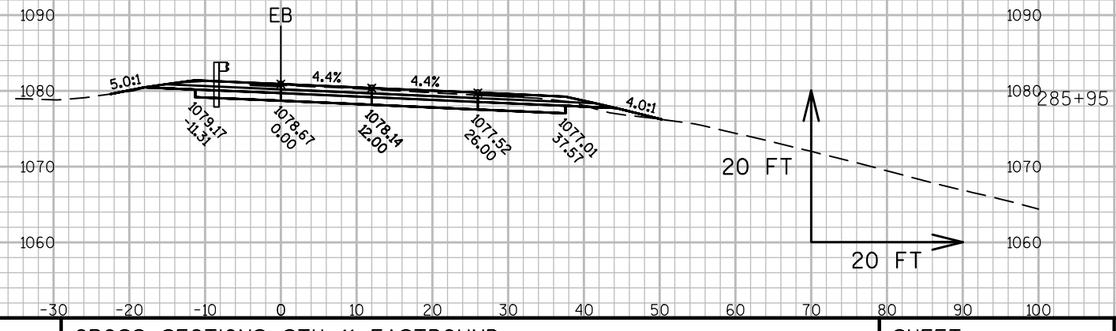








POST 5



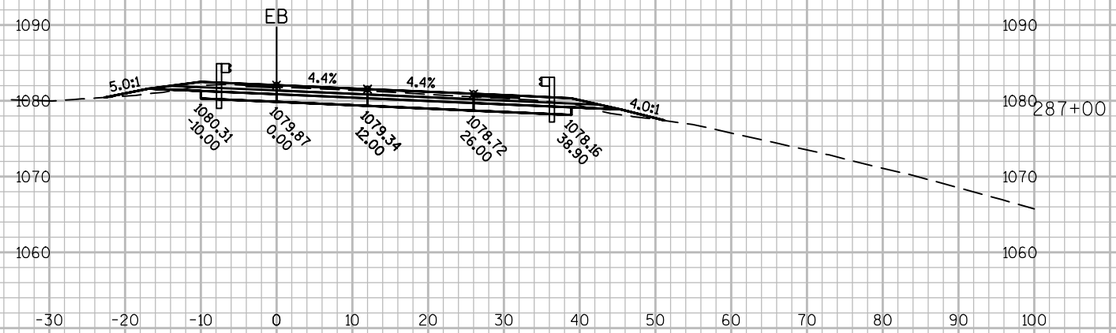
9

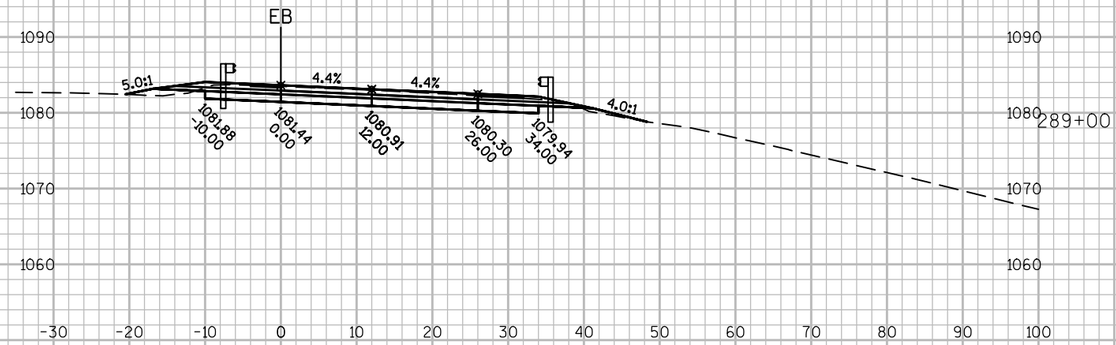
9

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 534	E

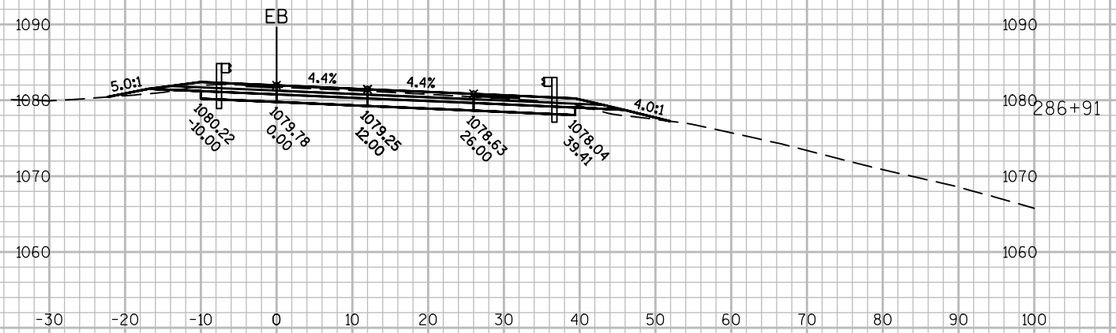
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (15)

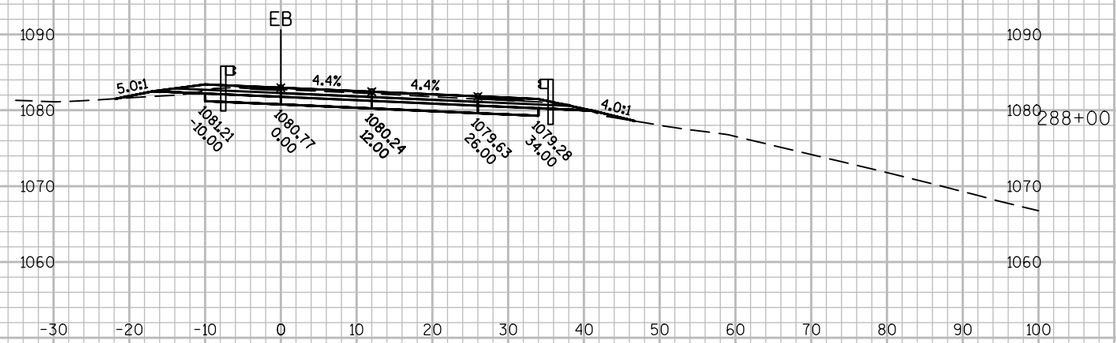
PLOT DATE : 1/16/2018 4:26 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT



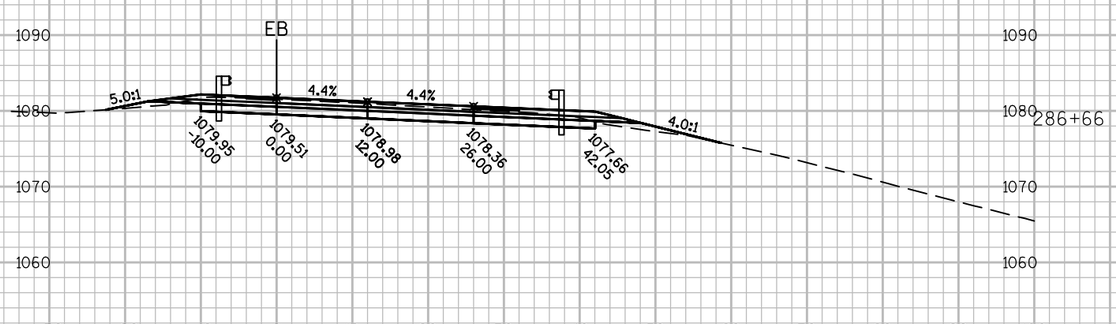


POST 5

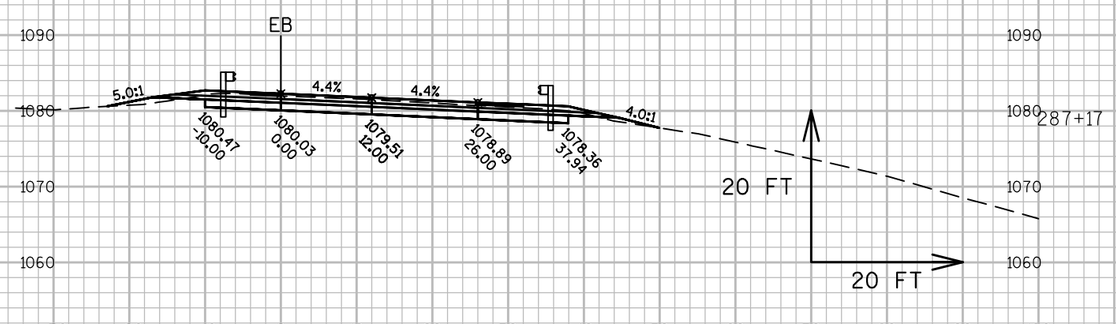




POST 1



POST 9



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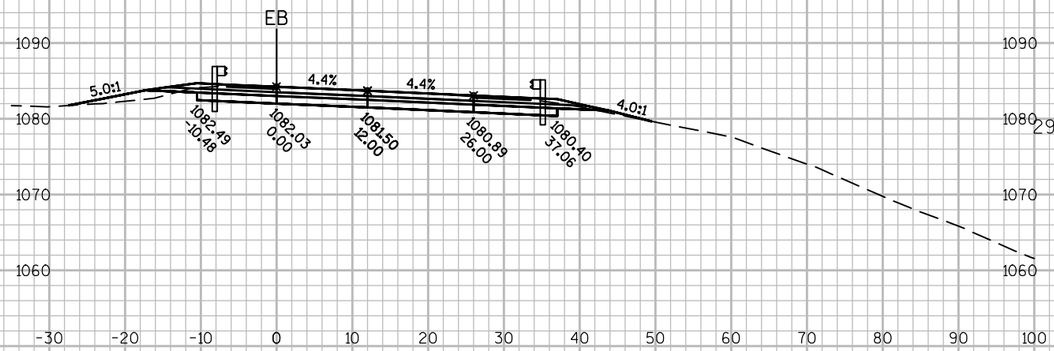
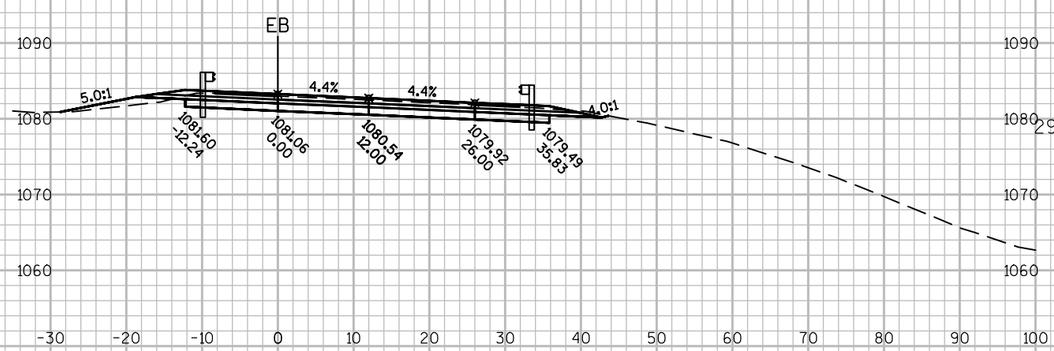
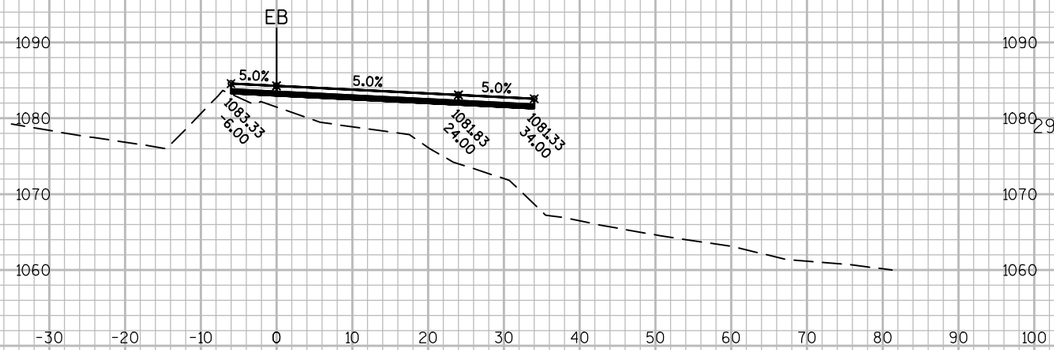
9

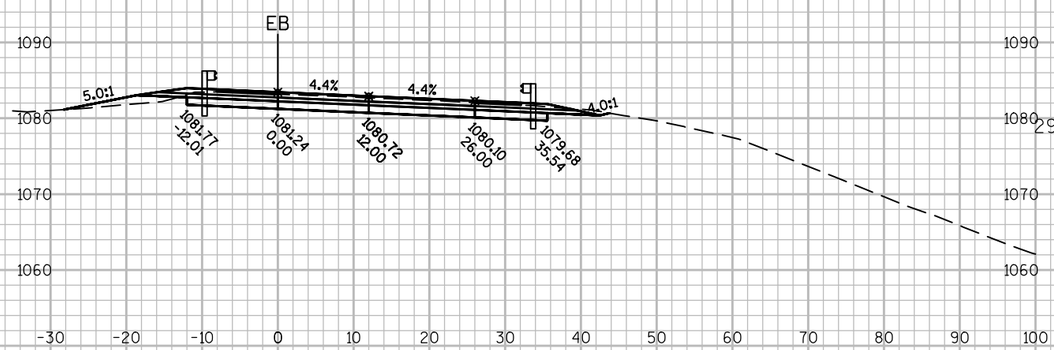
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 535	E

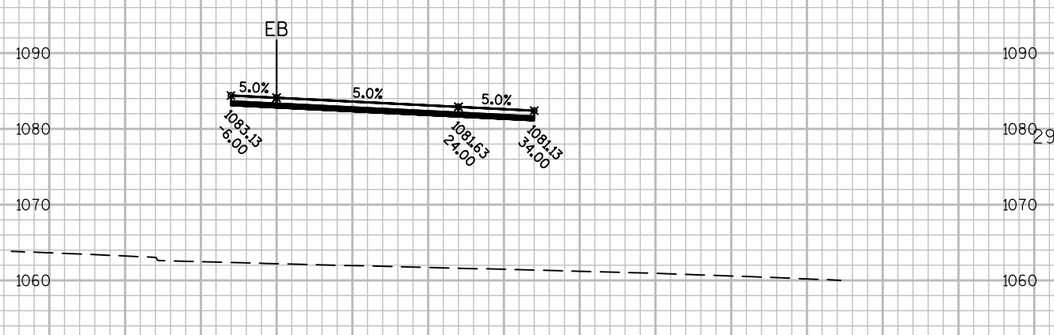
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (16)
PLOT DATE : 1/16/2018 4:26 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











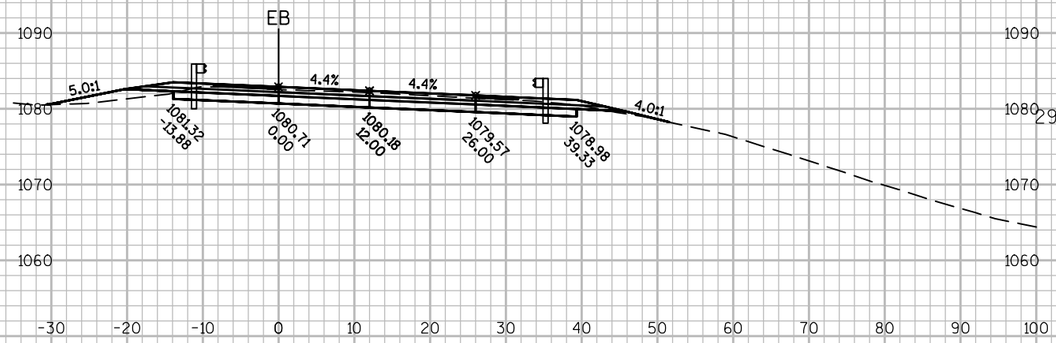
9

9

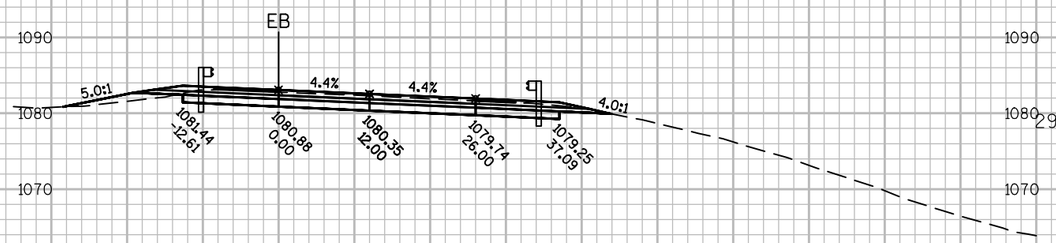
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 536	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (17)
PLOT DATE : 1/16/2018 4:27 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

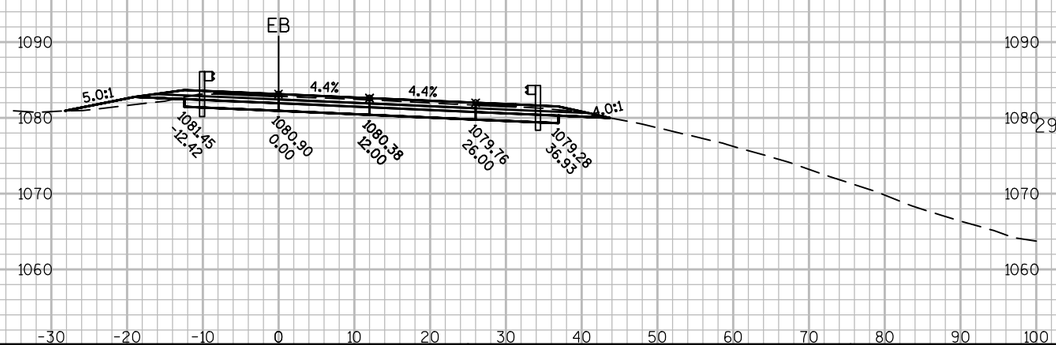
POST 5



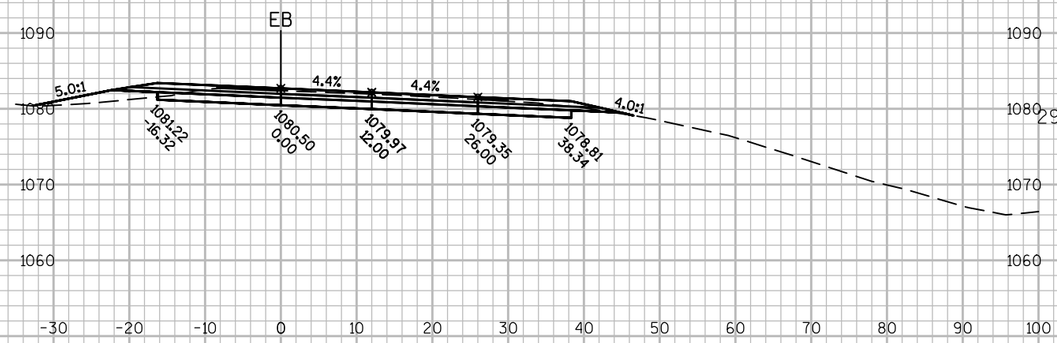
POST 5



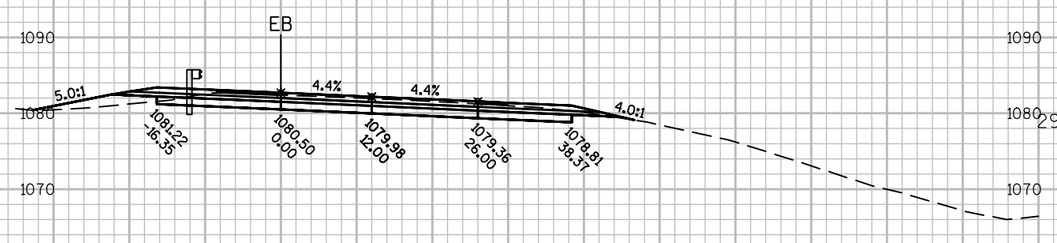
POST 9



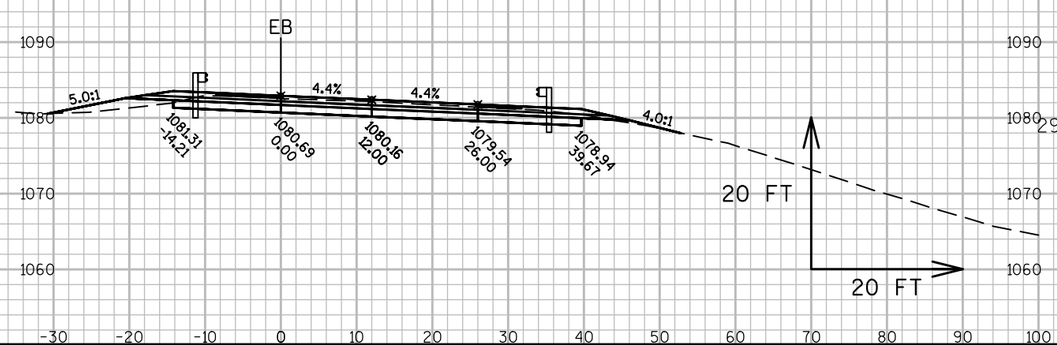
POST 1



POST 1



POST 1



9

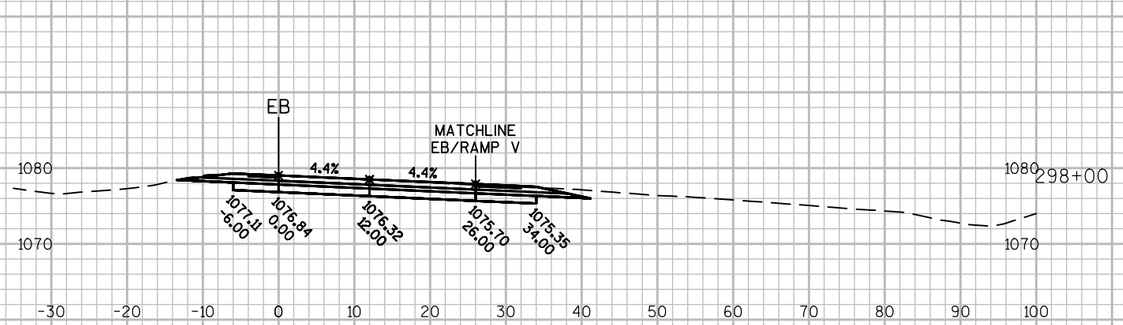
9

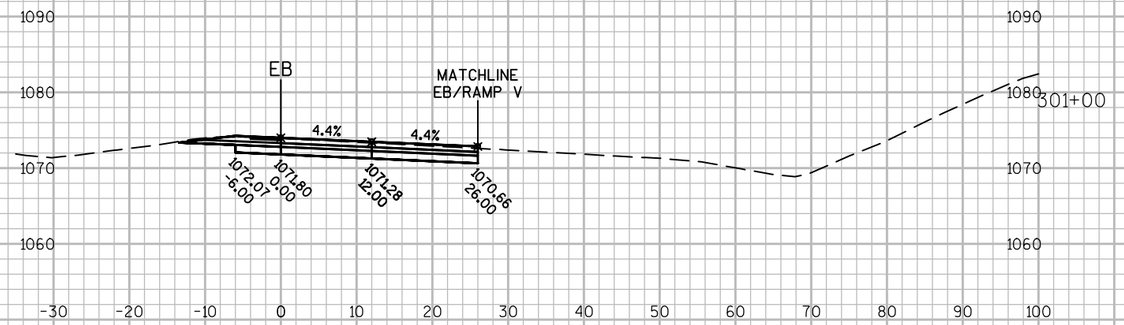
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 537	E

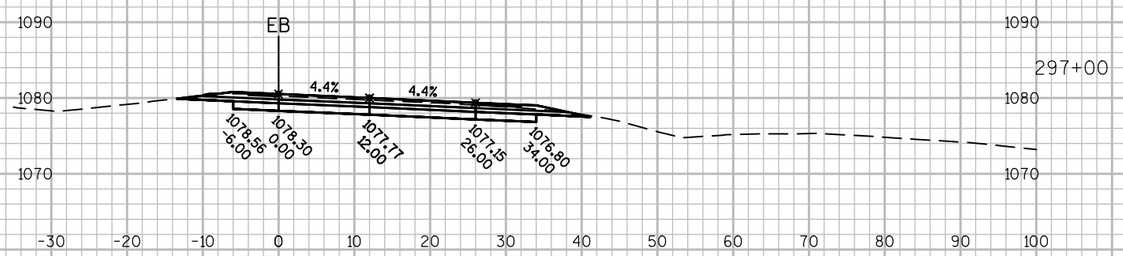
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (18)

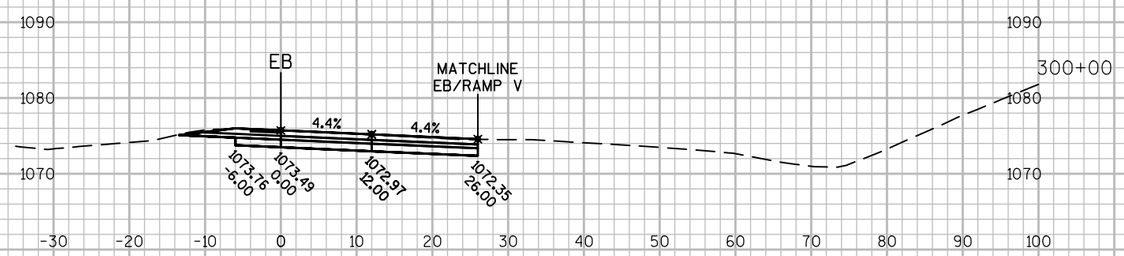
PLOT DATE : 1/16/2018 4:27 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

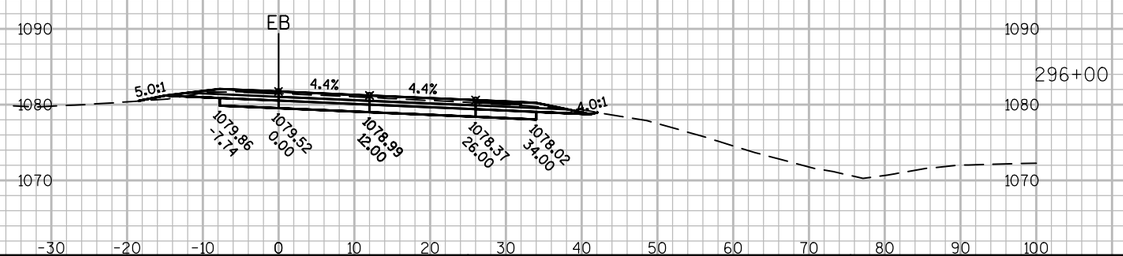
WISDOT/CADDS SHEET 49

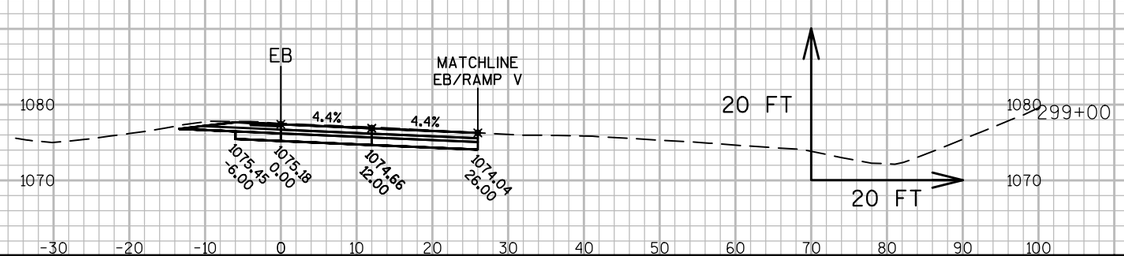












9

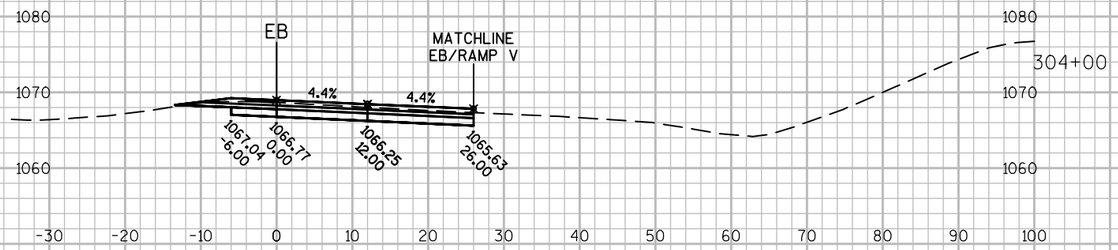
9

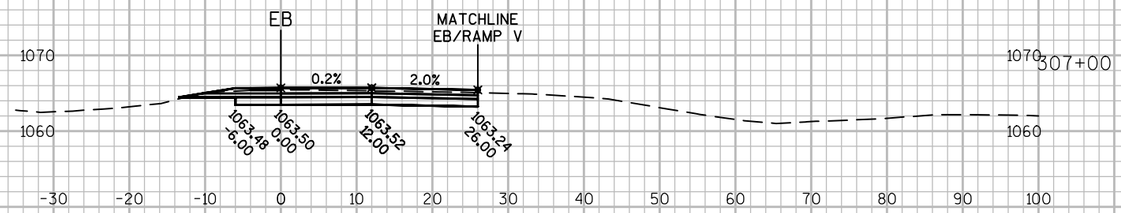
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 538	E

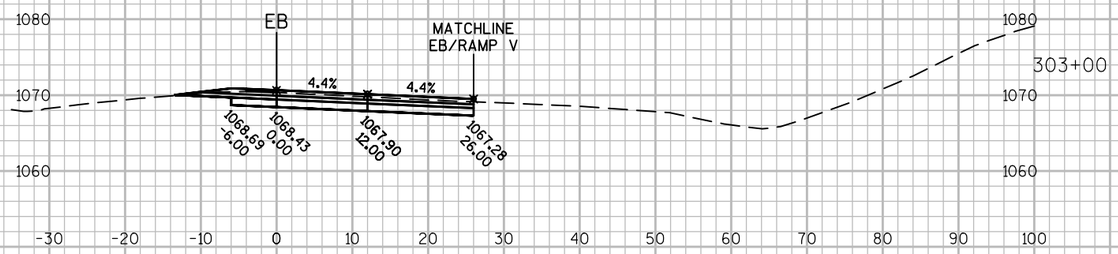
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (19)

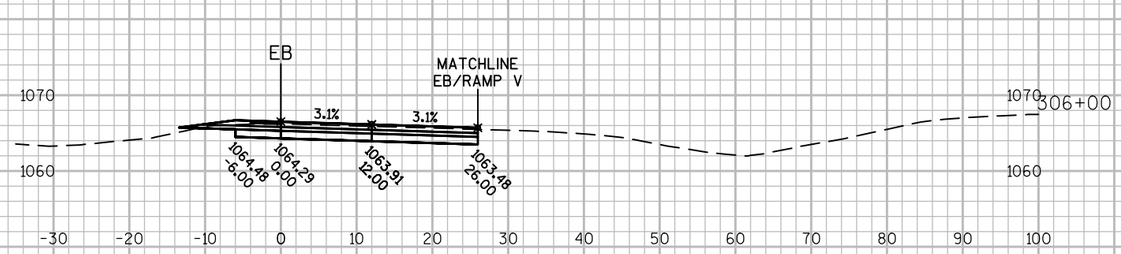
PLOT DATE : 1/16/2018 4:27 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

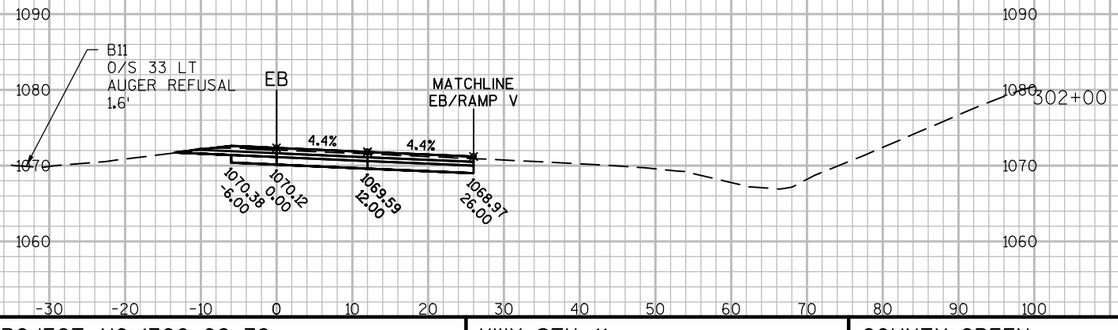
WISDOT/CADDS SHEET 49

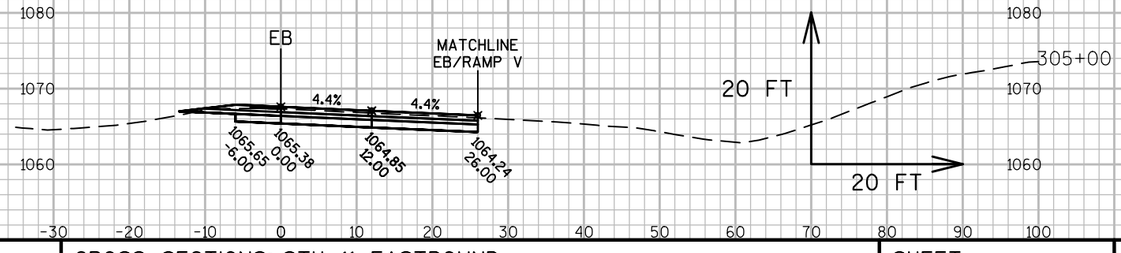












9

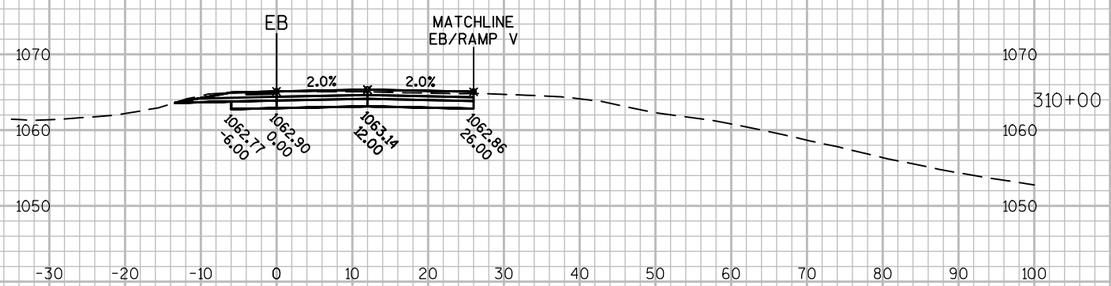
9

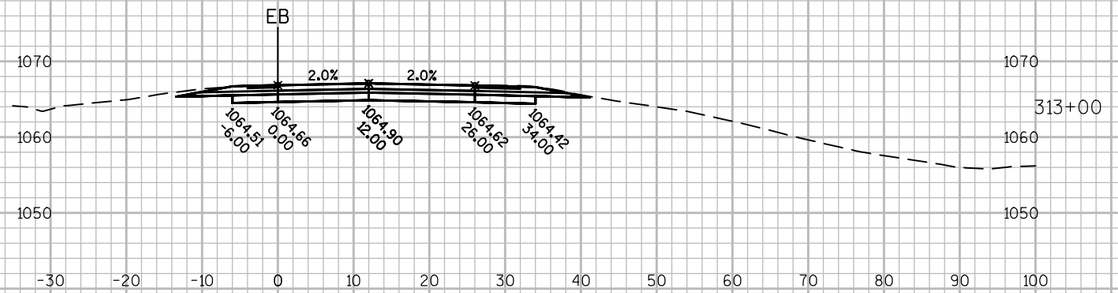
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 539	E

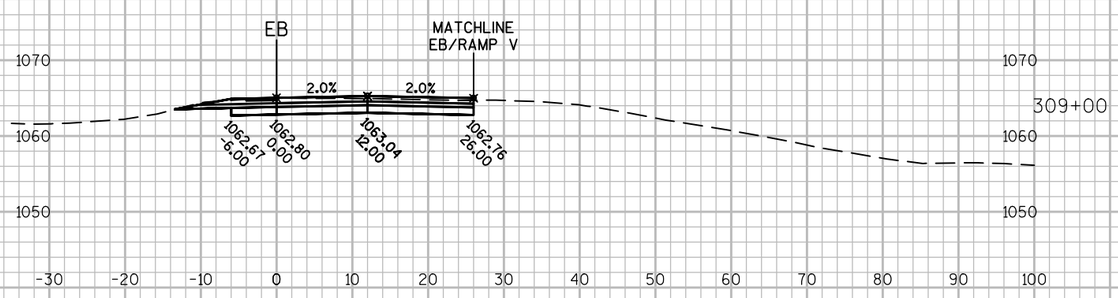
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (20)

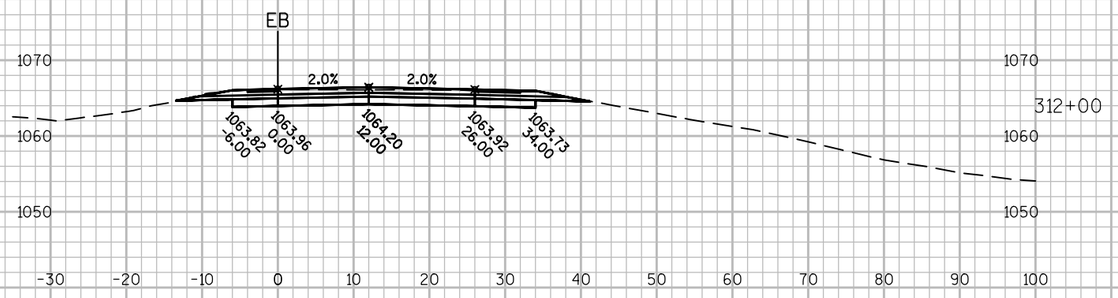
PLOT DATE : 1/16/2018 4:28 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

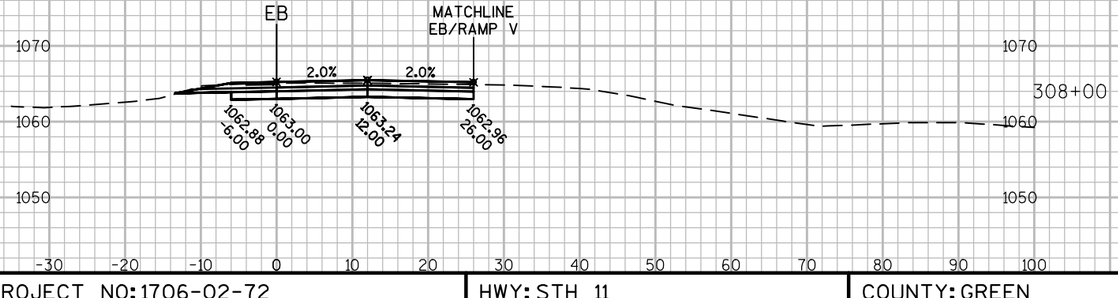
WISDOT/CADDS SHEET 49

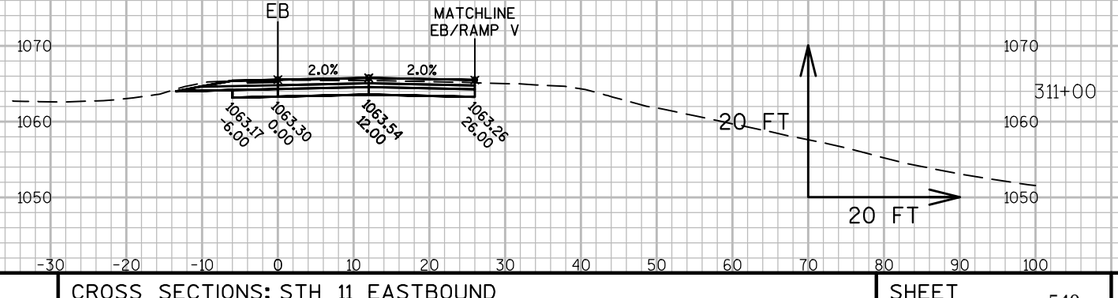










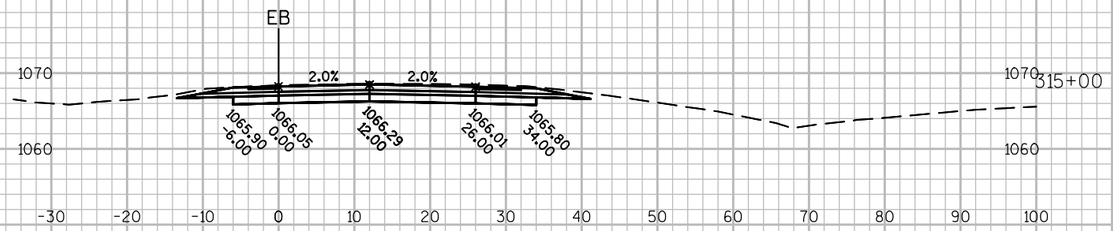


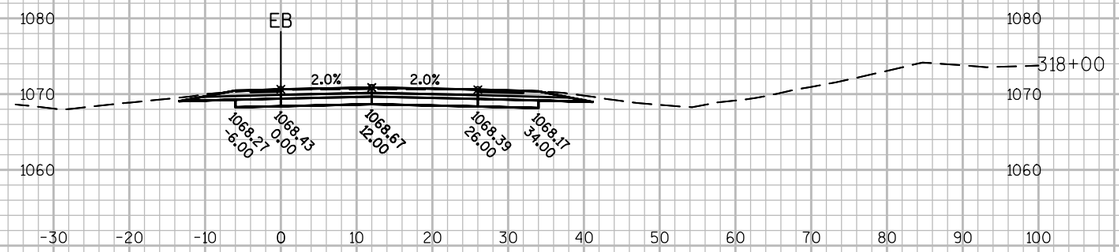
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 540	E

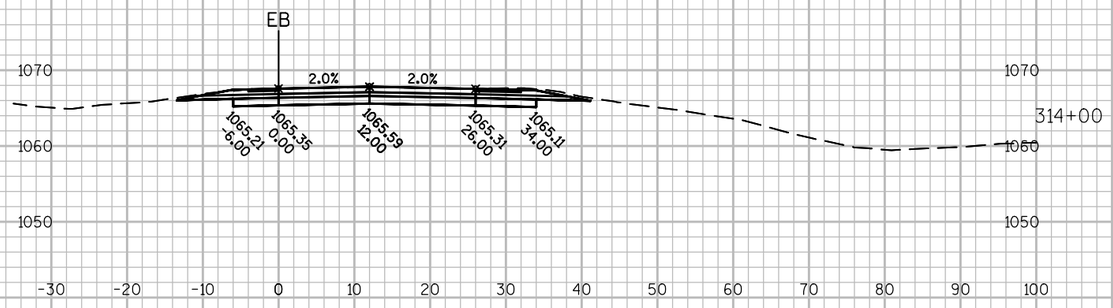
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(2)-XS.DWG
LAYOUT NAME - EB - (21)

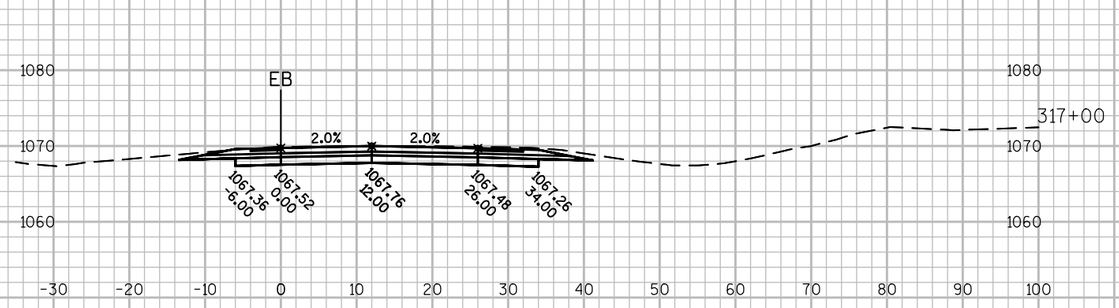
PLOT DATE : 1/16/2018 4:28 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

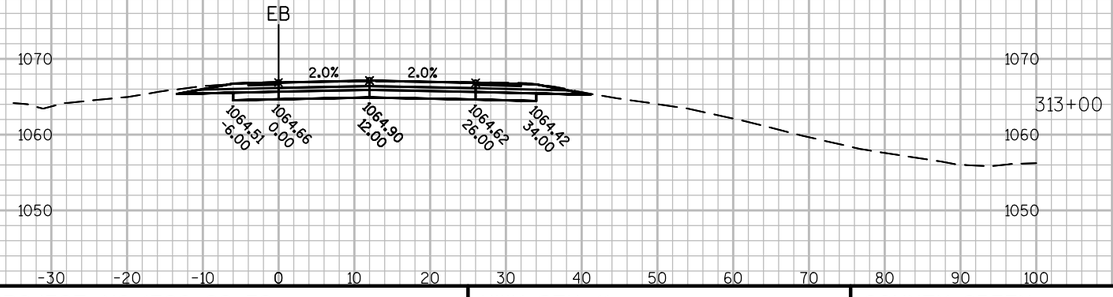
WISDOT/CADDS SHEET 49

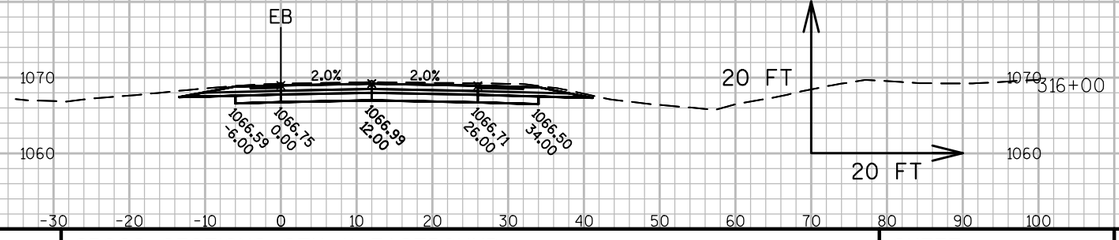












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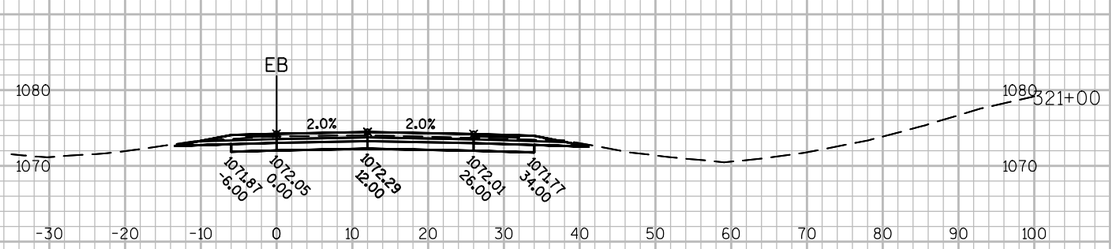
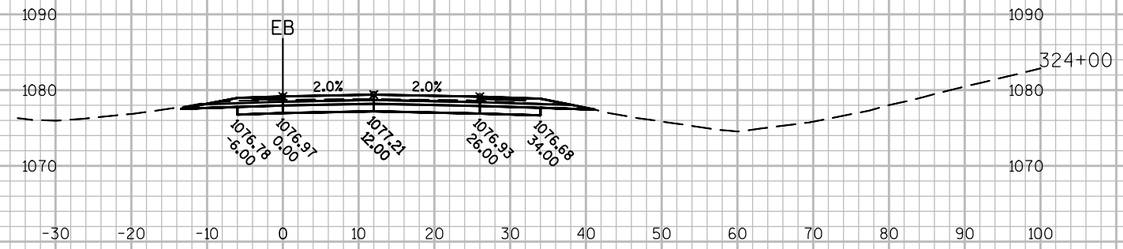
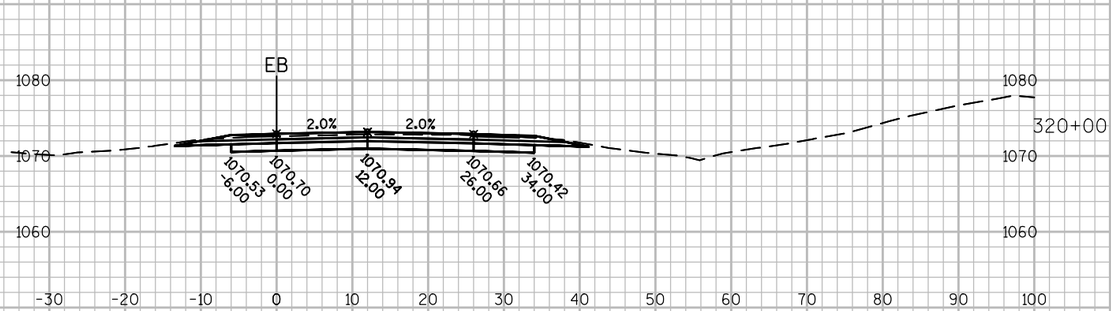
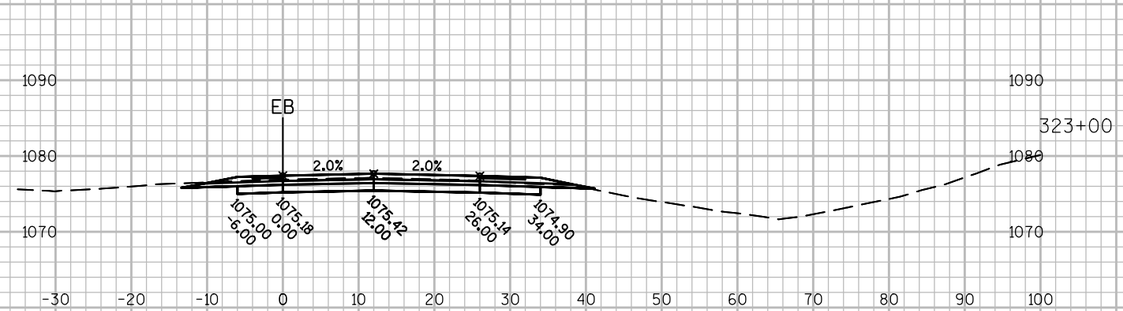
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 541	E

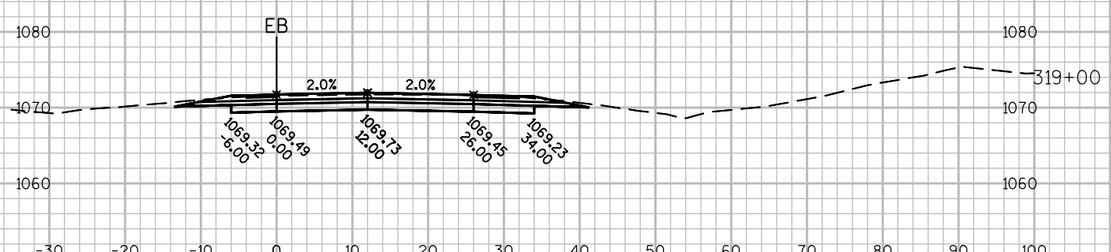
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (23)
PLOT DATE : 1/16/2018 5:47 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

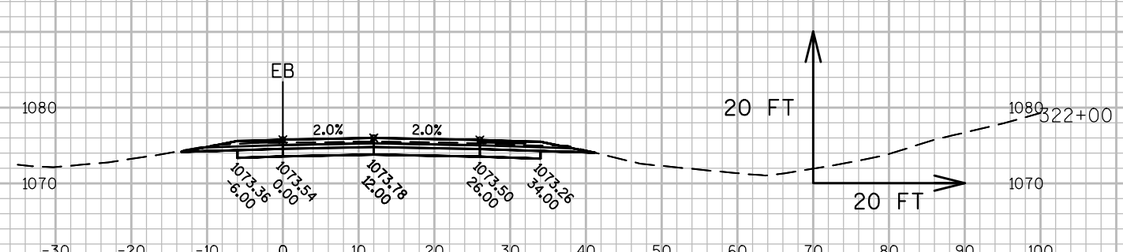












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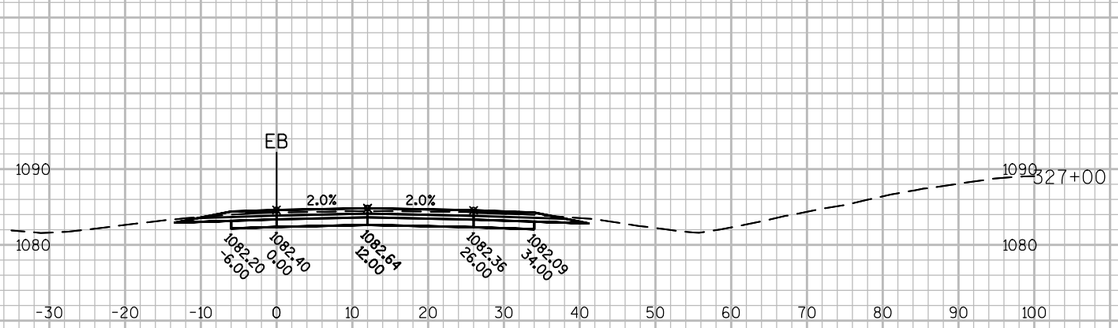
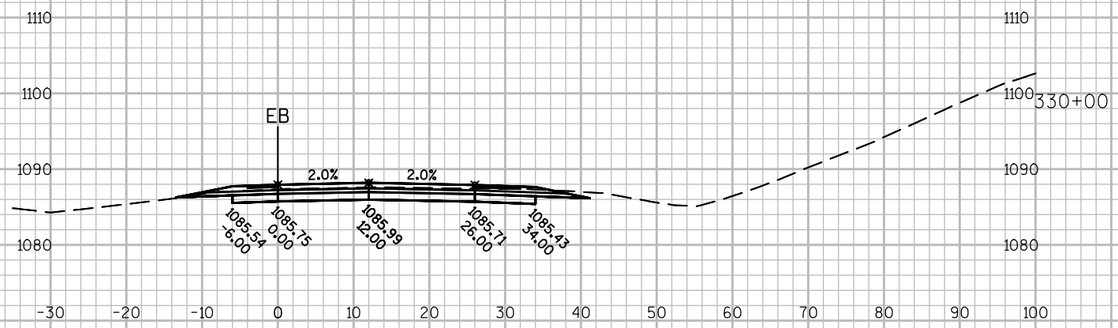
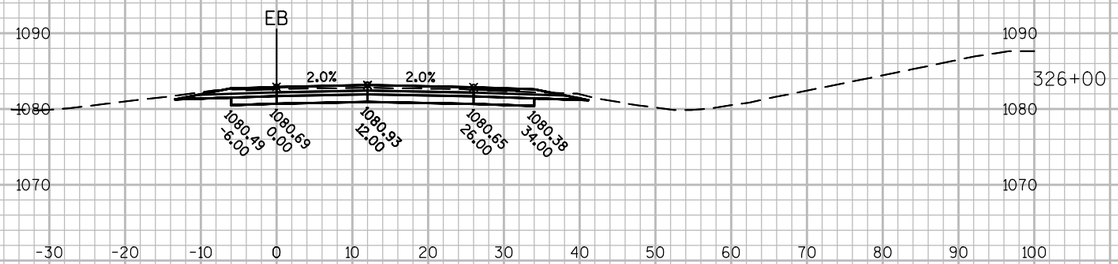
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 542	E

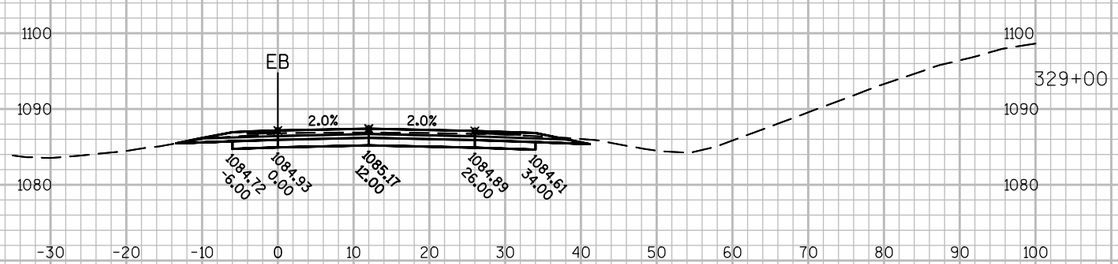
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (24)

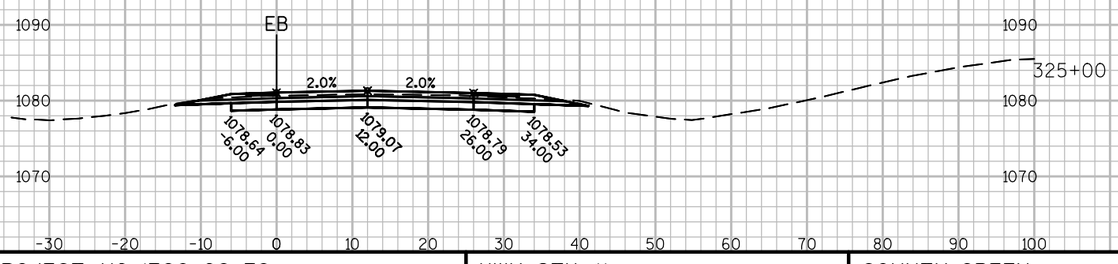
PLOT DATE : 1/16/2018 5:47 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

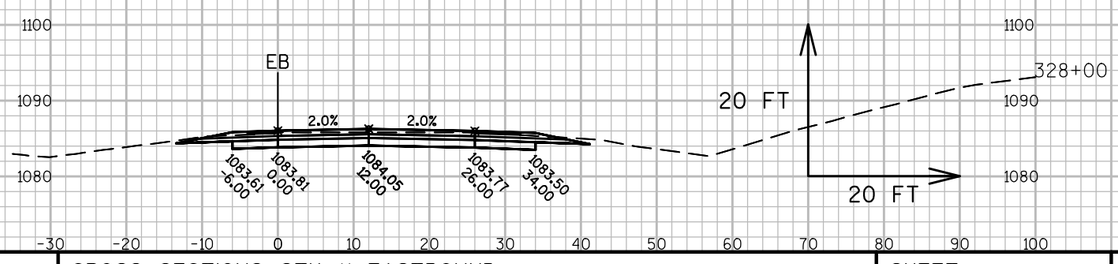












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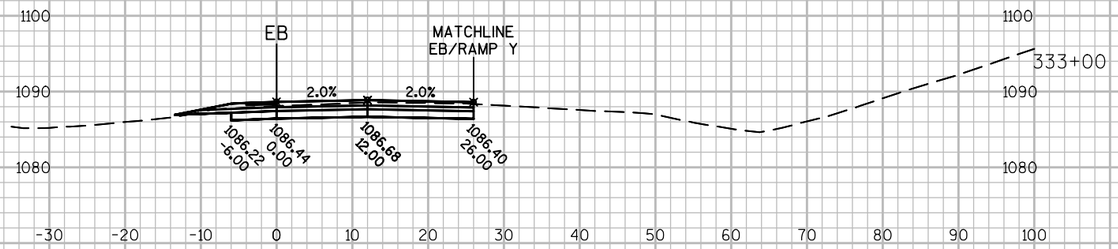
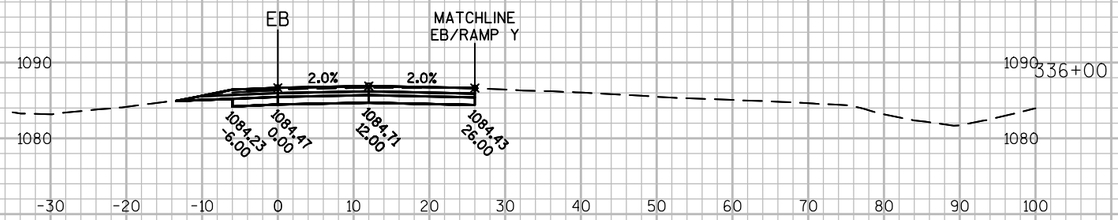
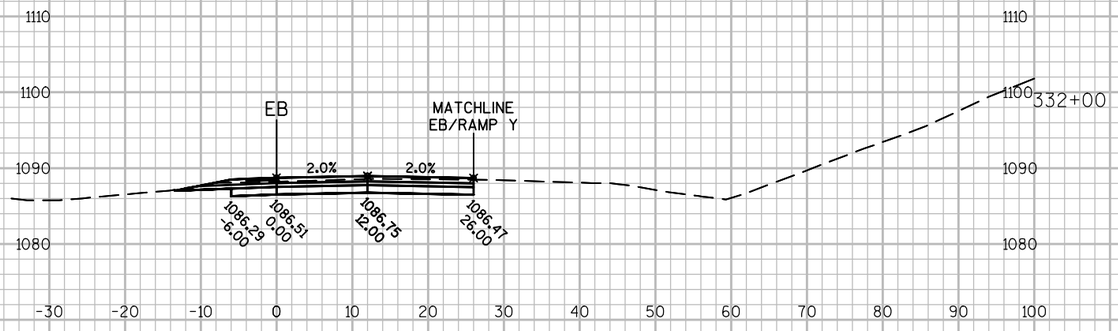
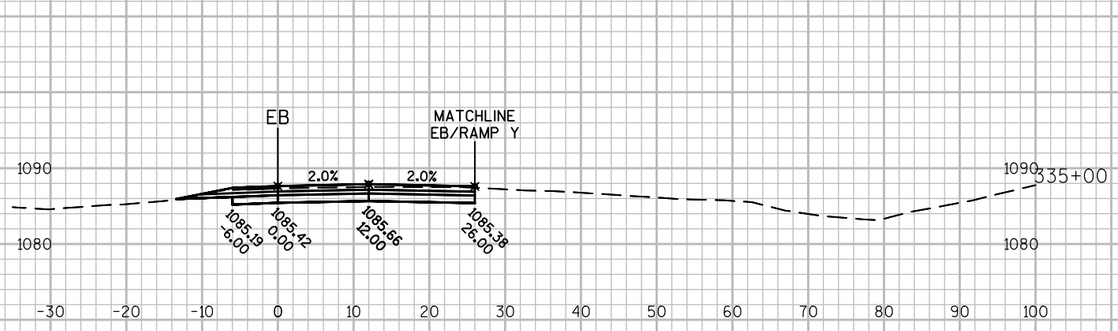
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 543	E

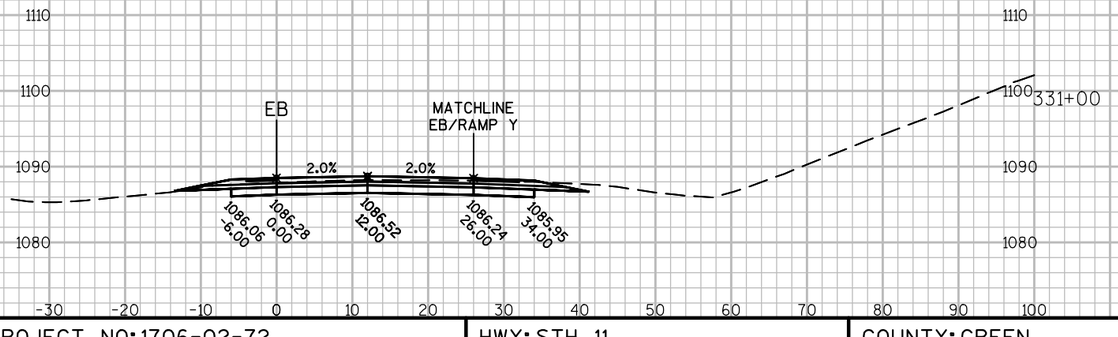
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (25)
PLOT DATE : 1/16/2018 5:47 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

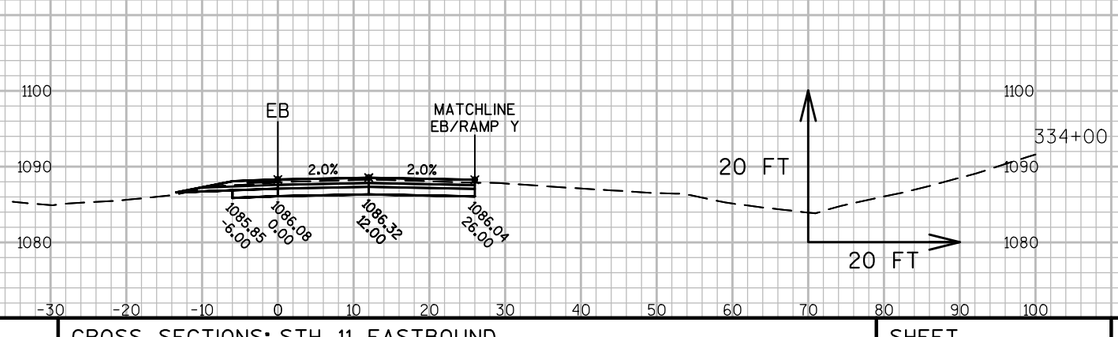












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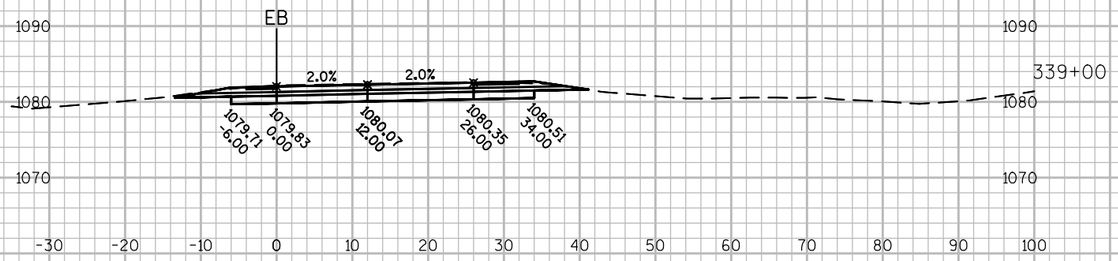
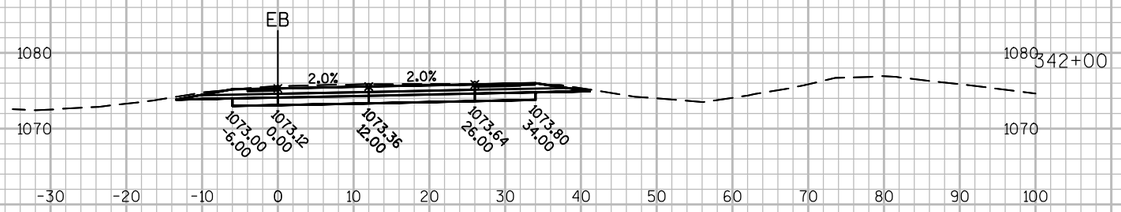
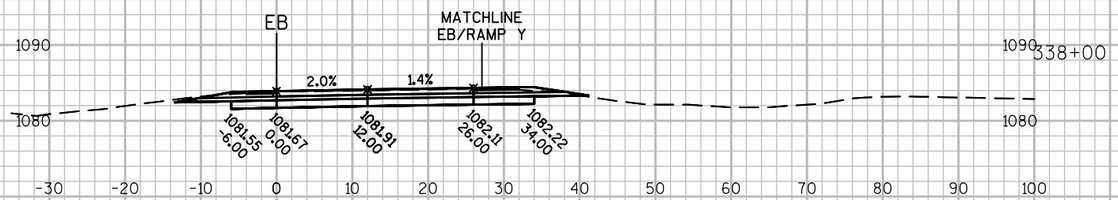
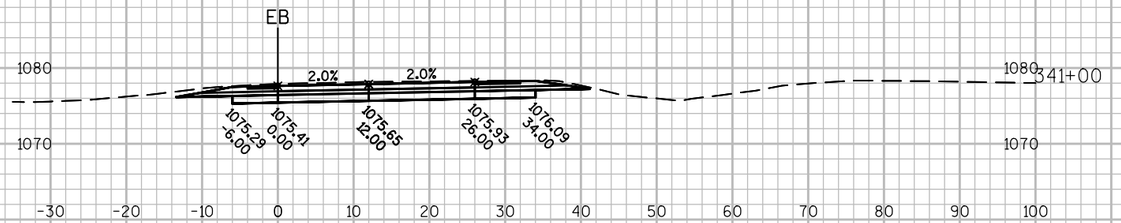
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 544	E

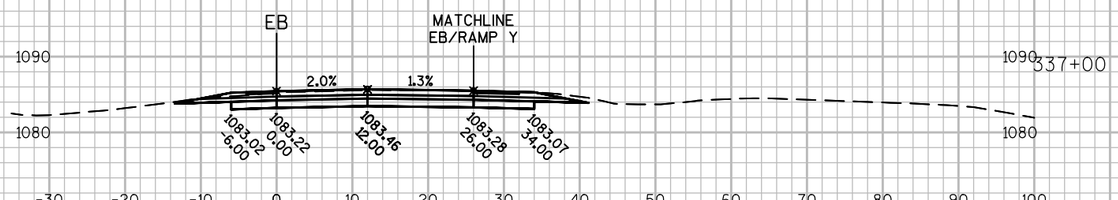
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (26)
PLOT DATE : 1/16/2018 5:48 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

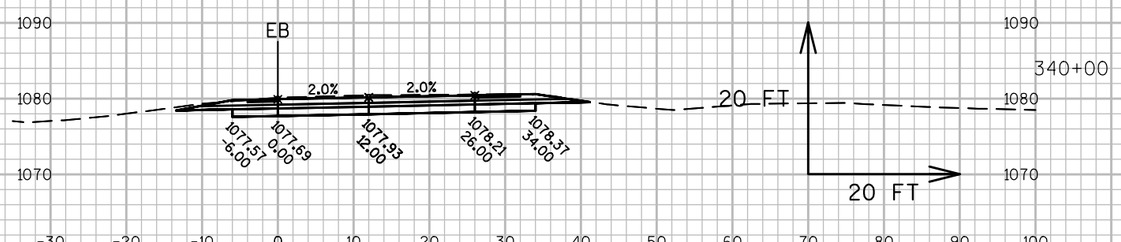












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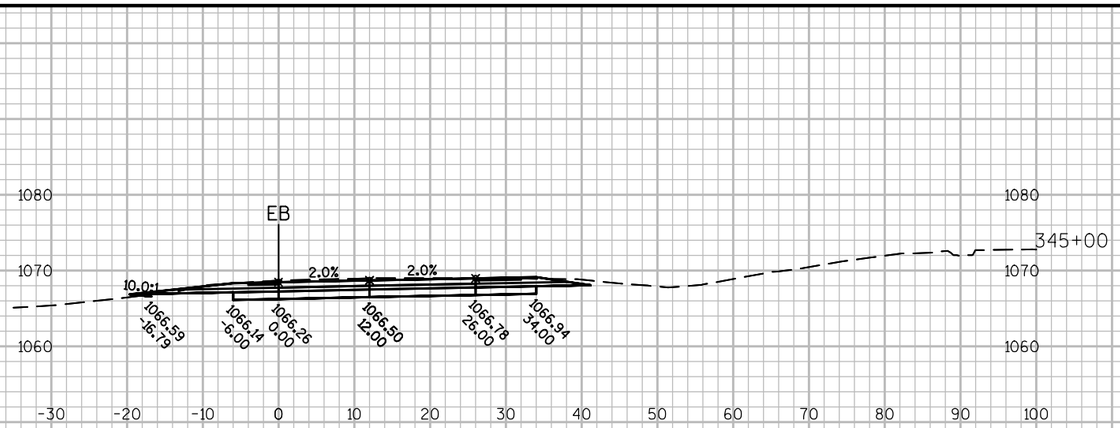
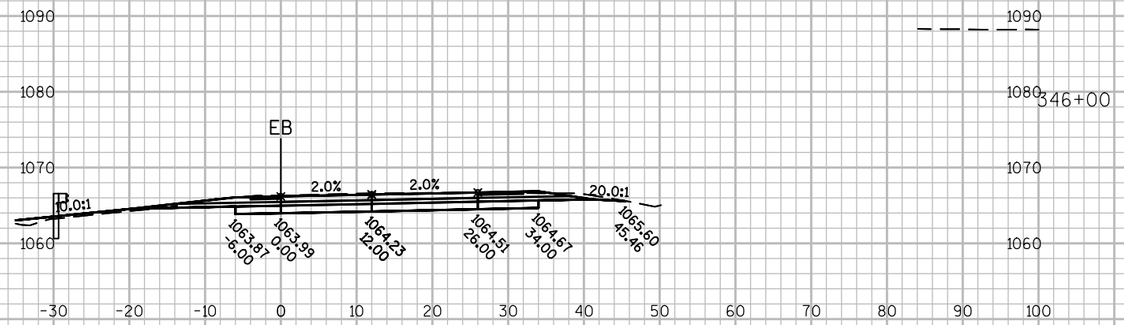
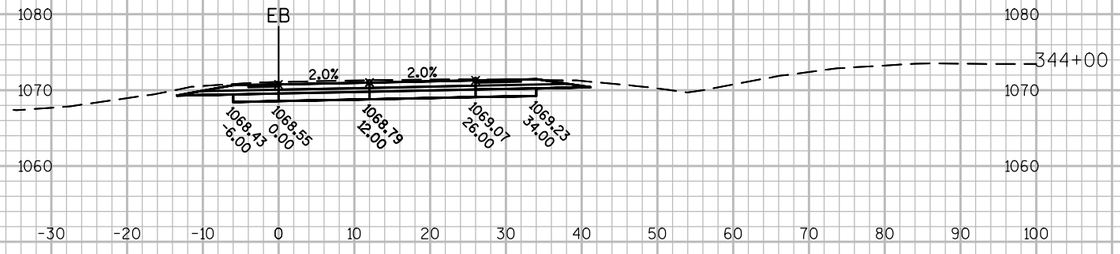
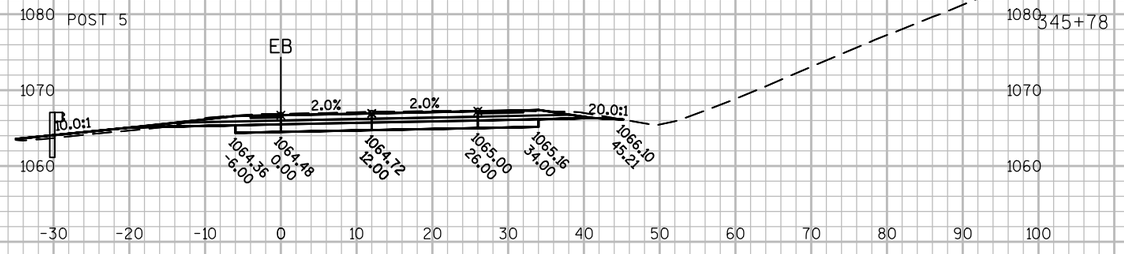
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 545	E

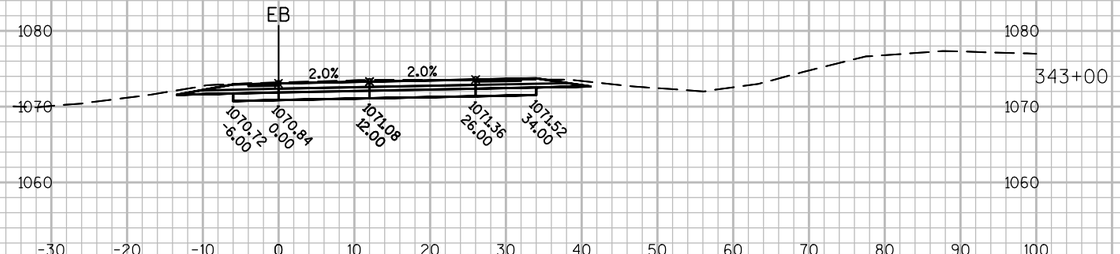
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (27)
PLOT DATE : 1/16/2018 5:48 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

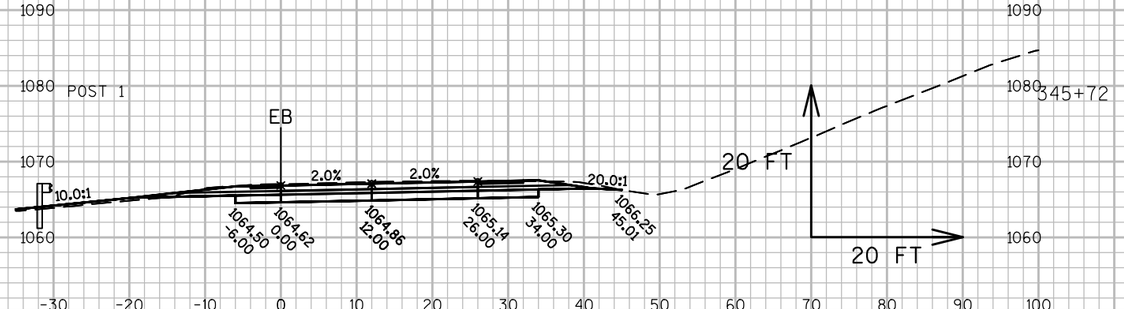












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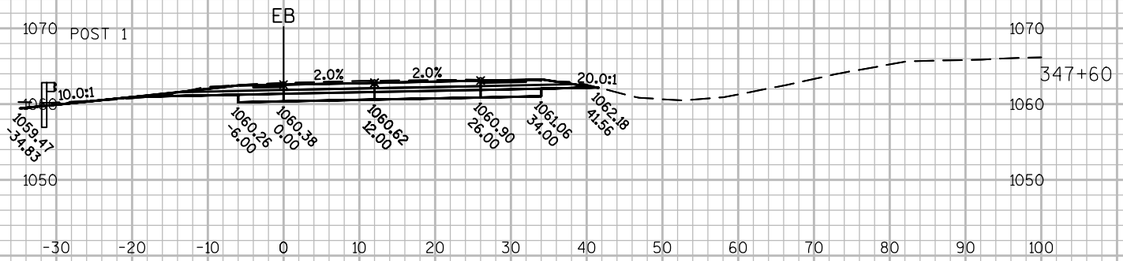
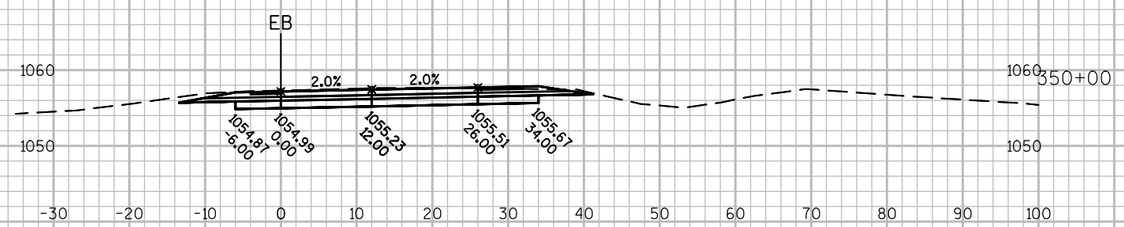
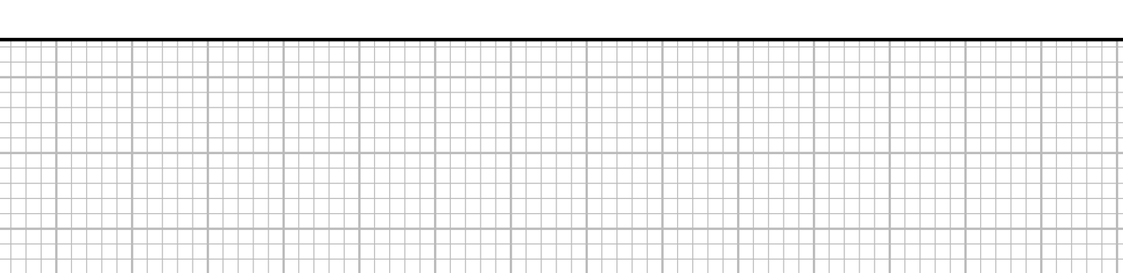
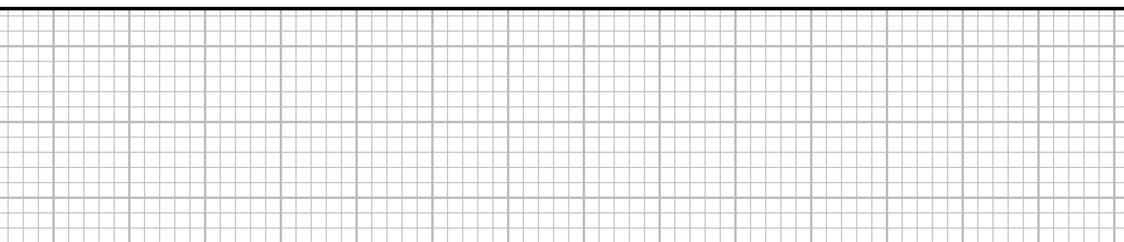
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 546	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (28)
PLOT DATE : 1/16/2018 5:48 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49







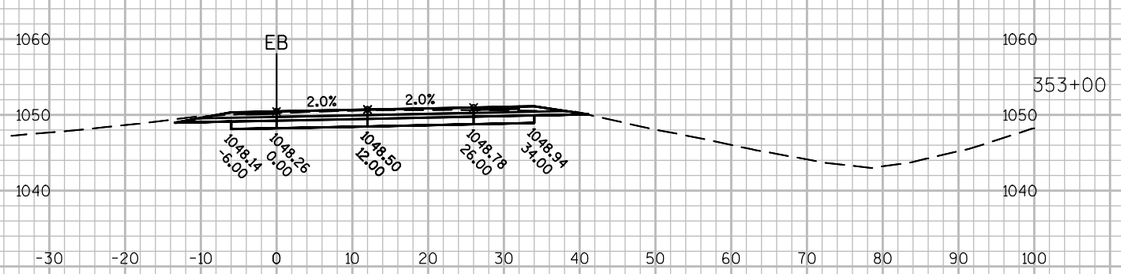


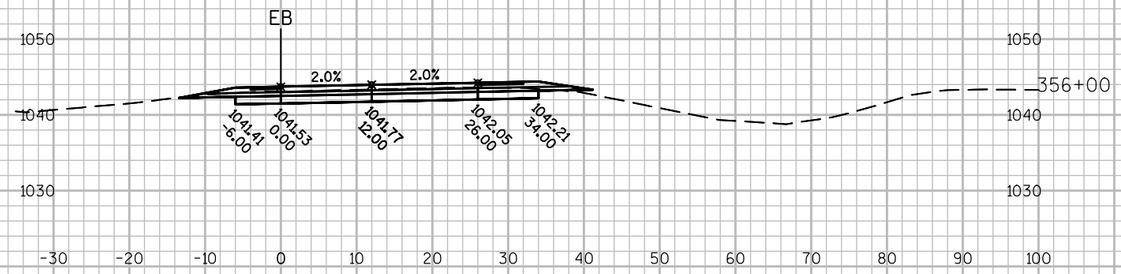
9

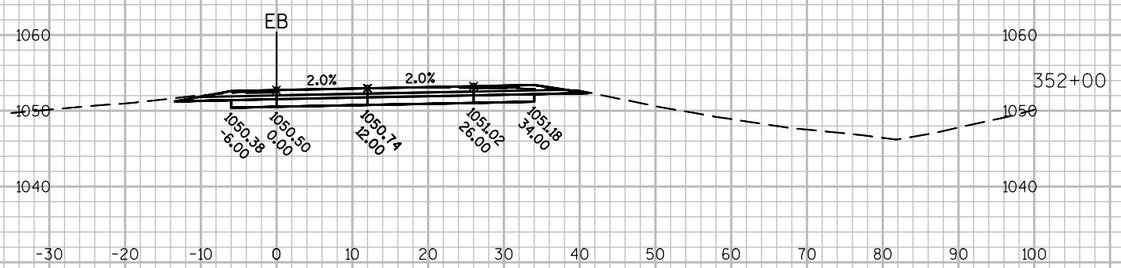
9

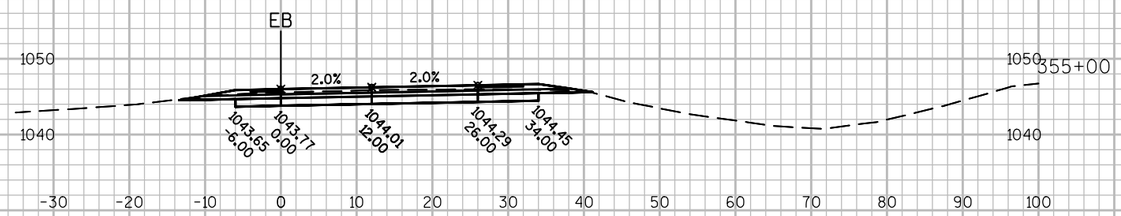
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 547	E

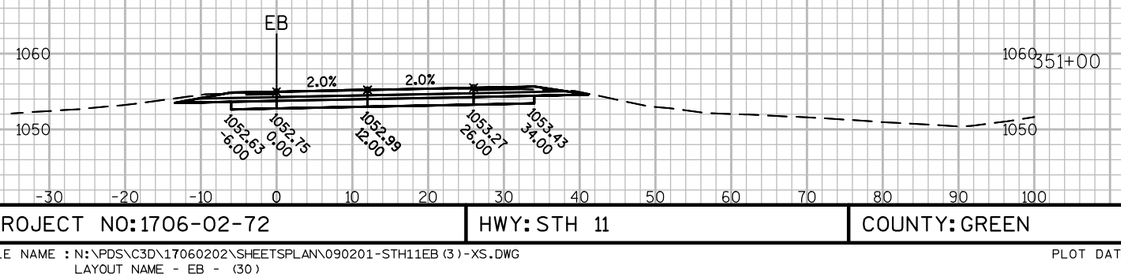
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (29)
PLOT DATE : 1/16/2018 5:48 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

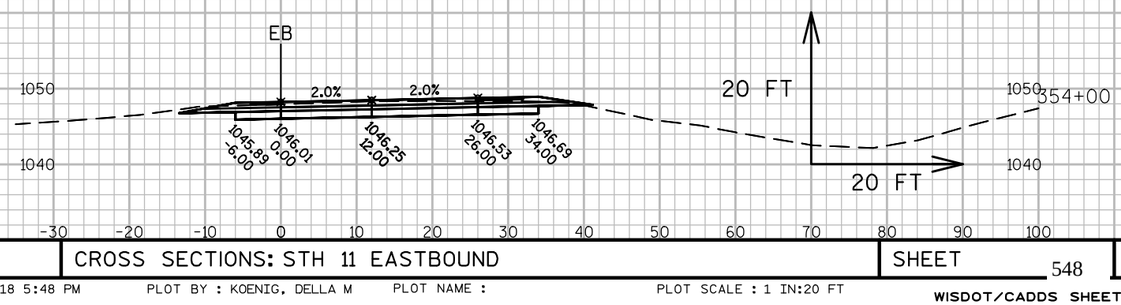












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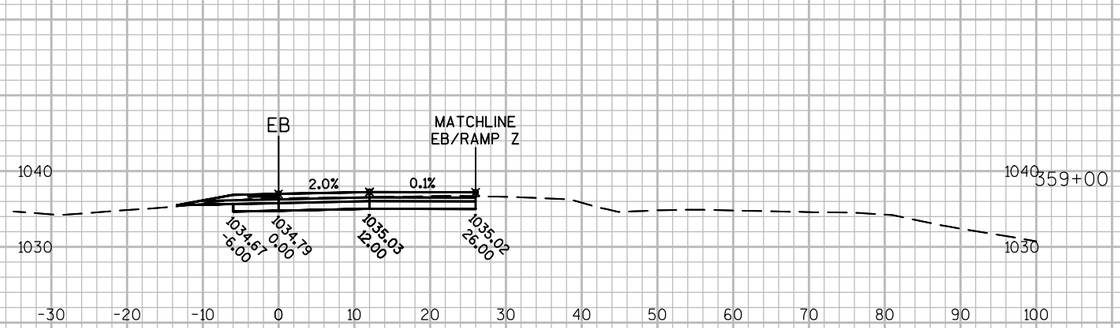
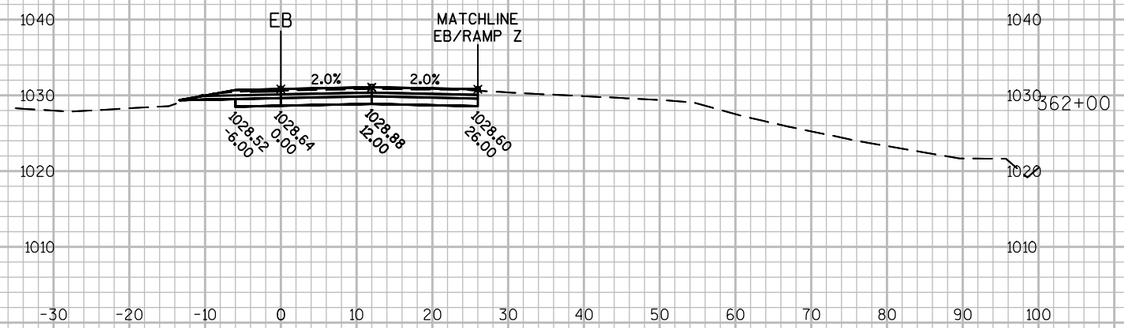
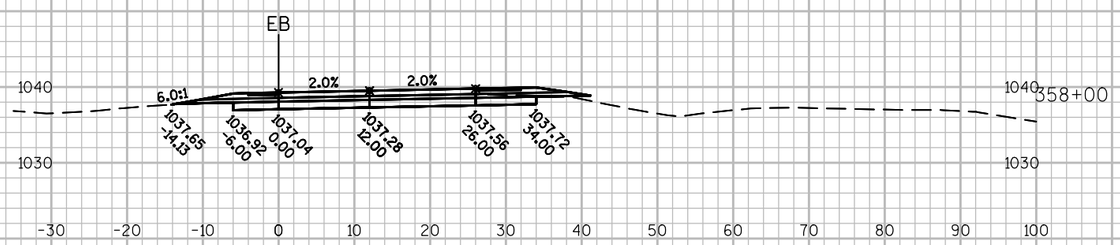
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 548	E

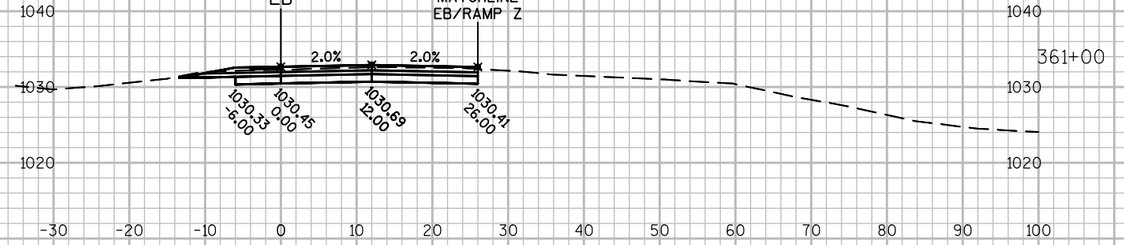
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (30)

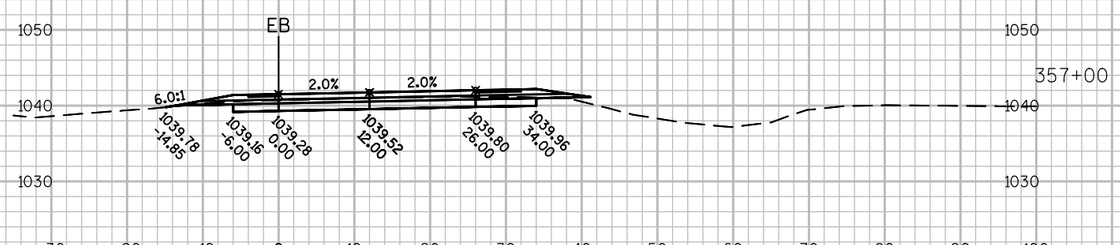
PLOT DATE : 1/16/2018 5:48 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

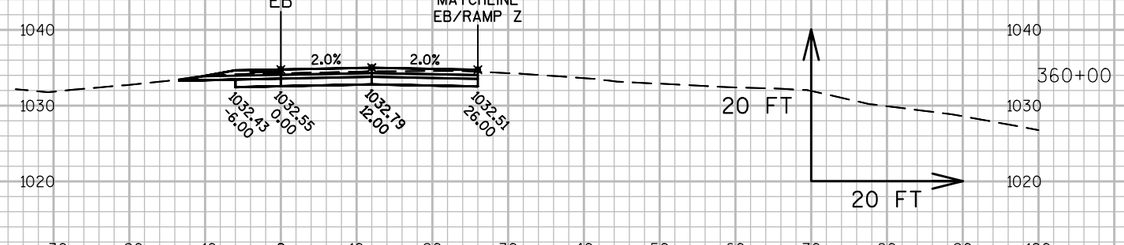












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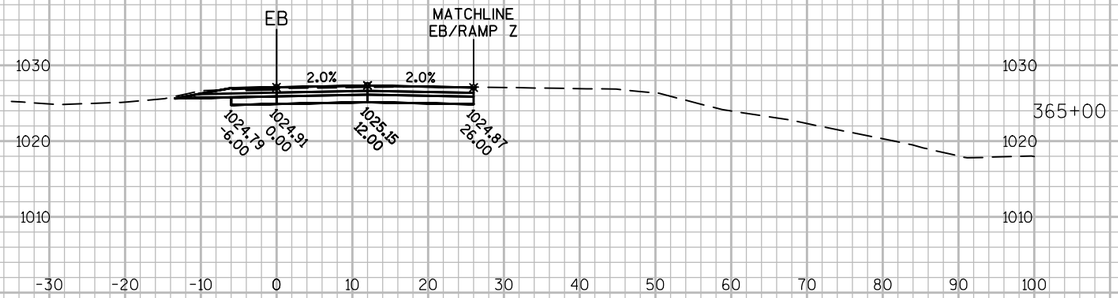
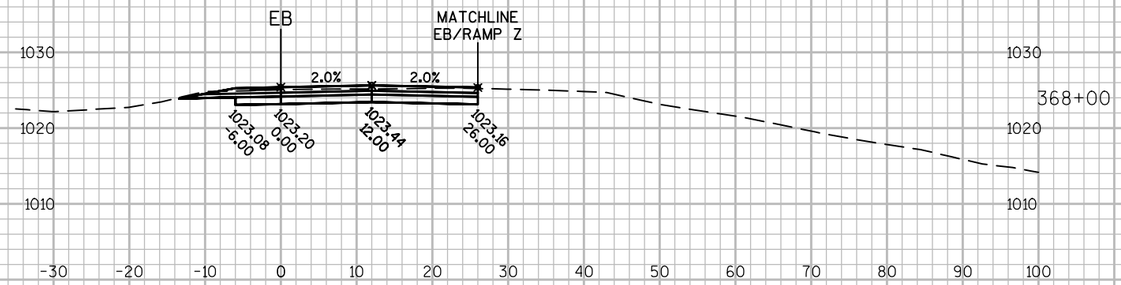
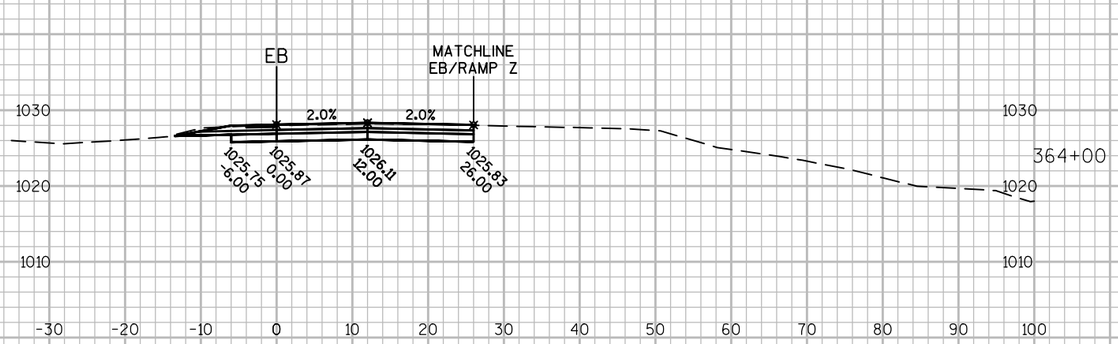
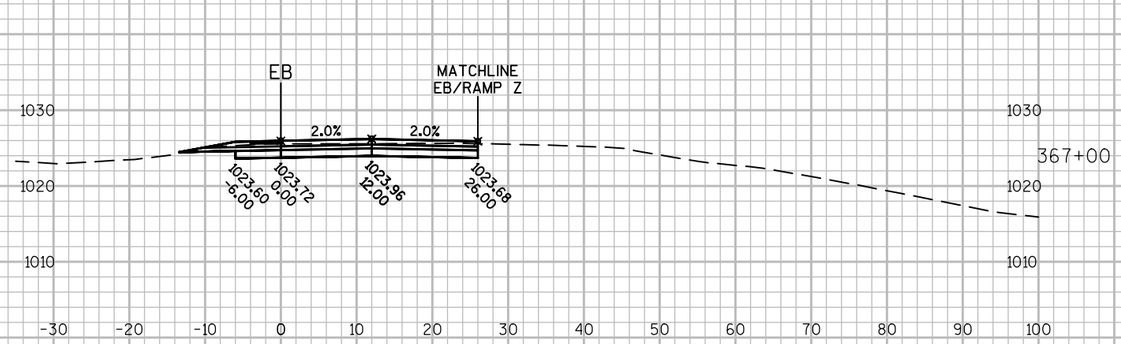
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 549	E

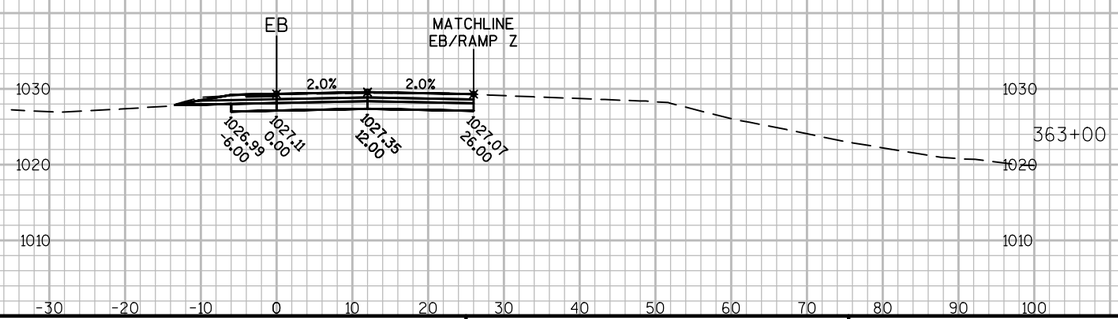
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(3)-XS.DWG
LAYOUT NAME - EB - (31)
PLOT DATE : 1/16/2018 5:49 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

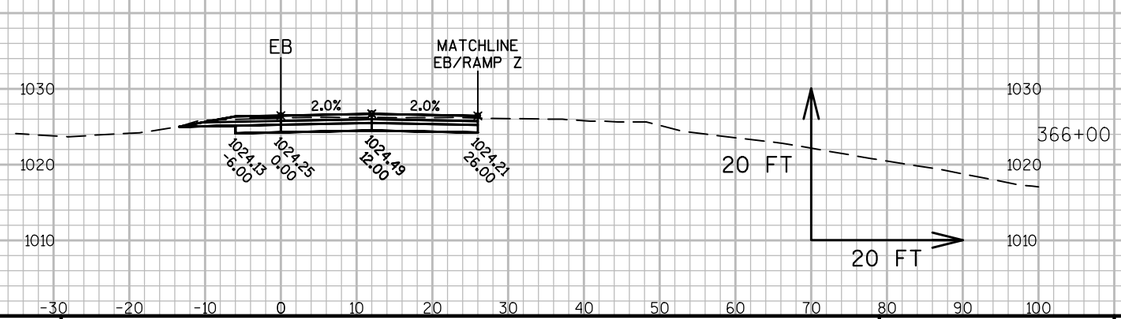












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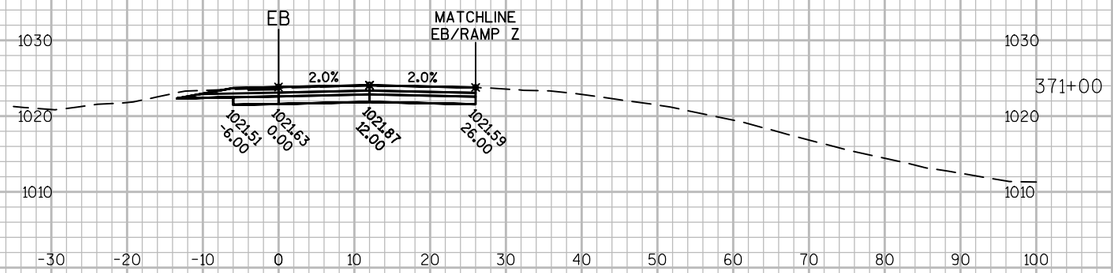
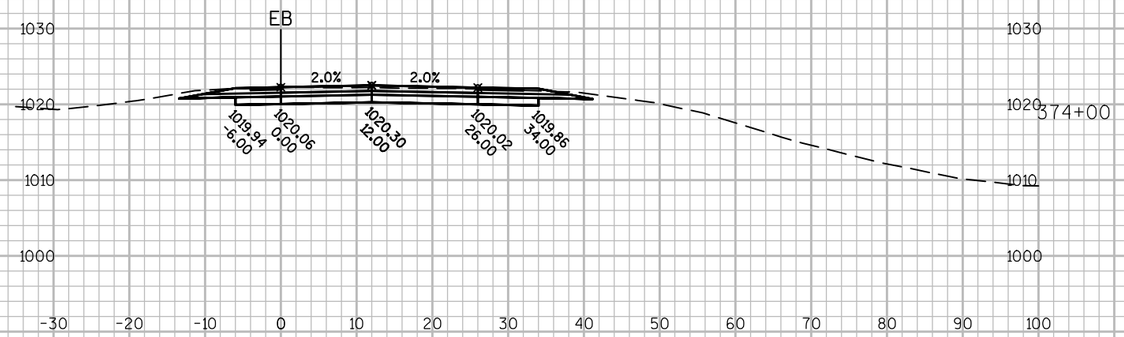
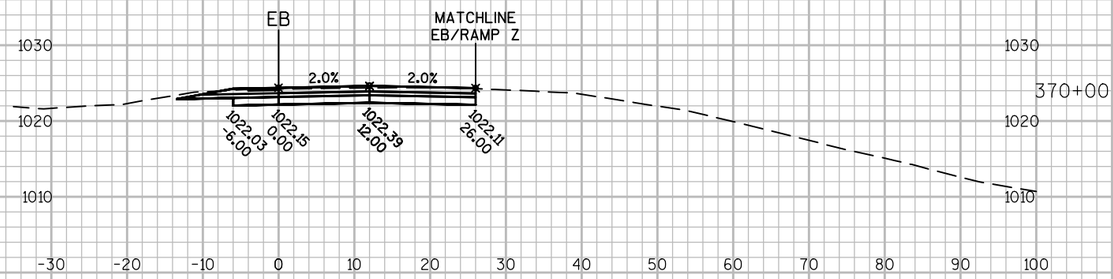
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 550	E

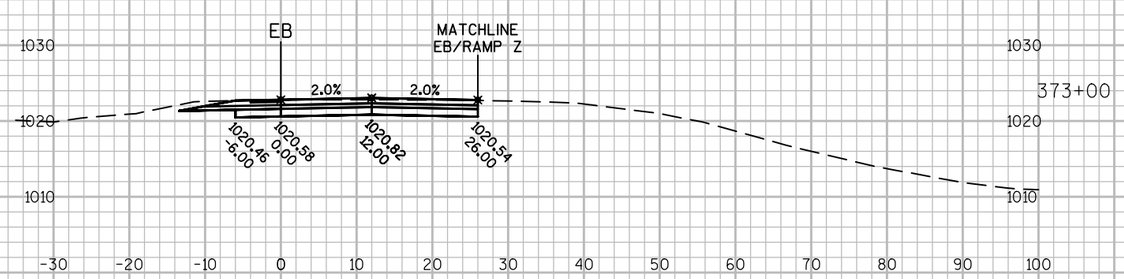
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (32)

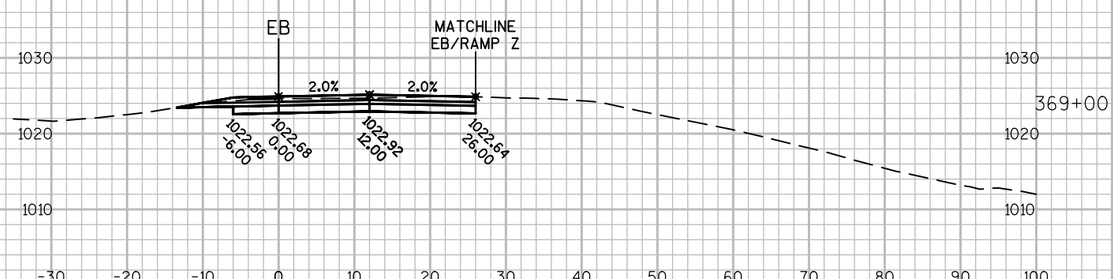
PLOT DATE : 1/17/2018 10:54 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

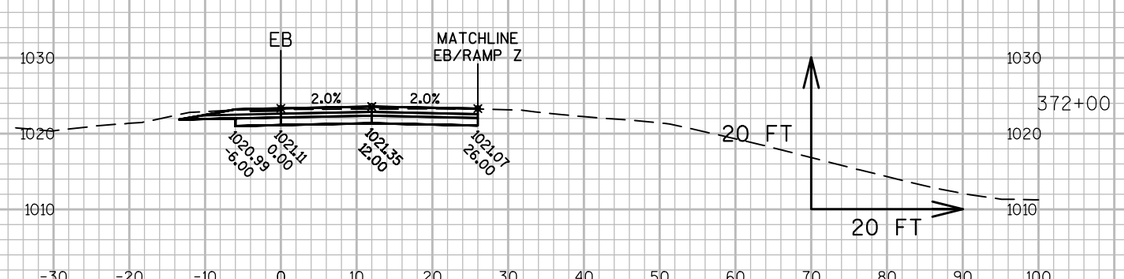












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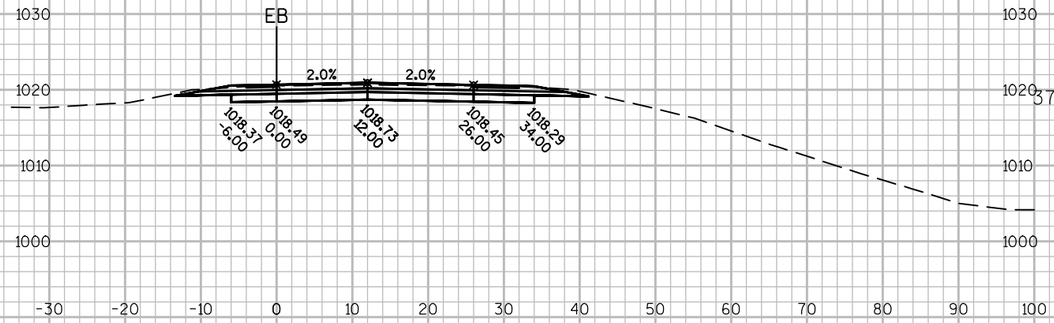
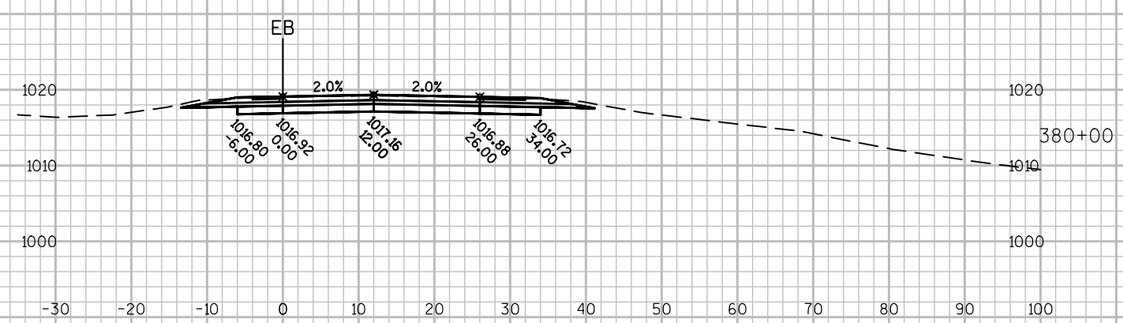
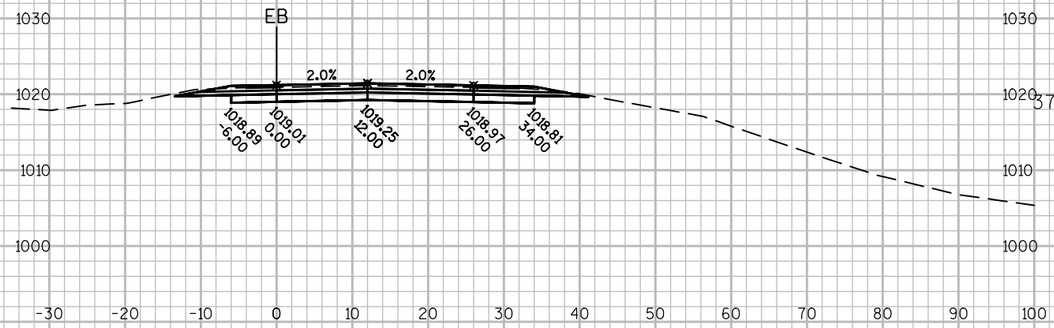
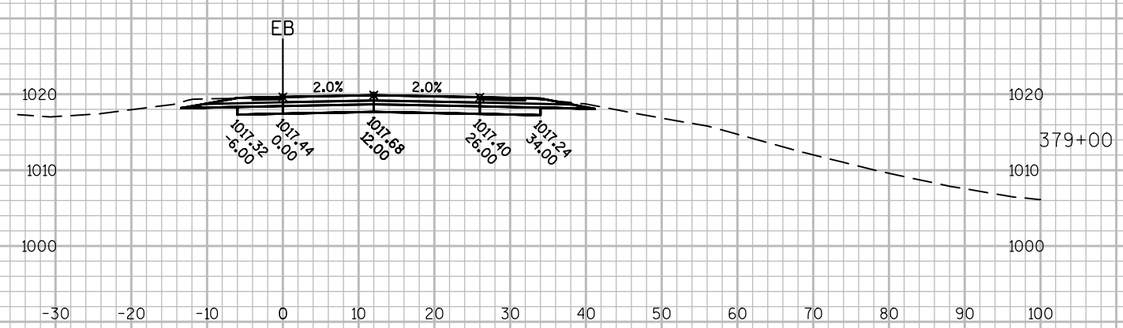
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 551	E

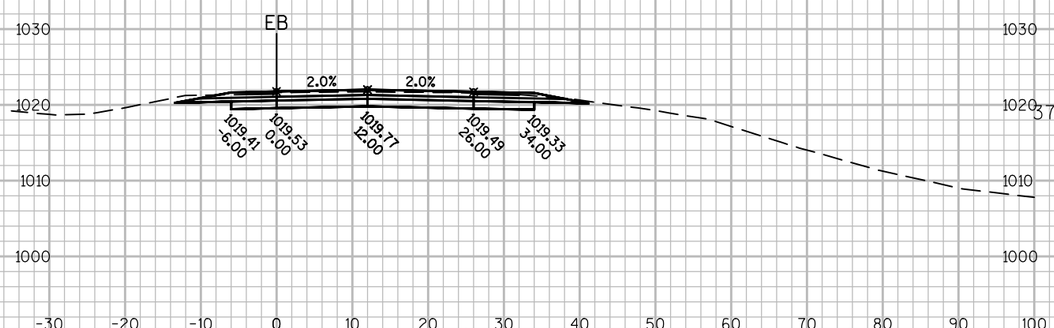
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (33)
PLOT DATE : 1/17/2018 10:54 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

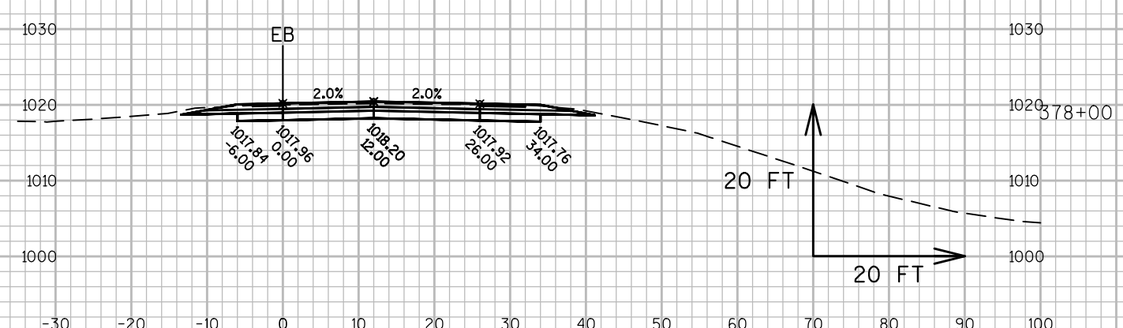












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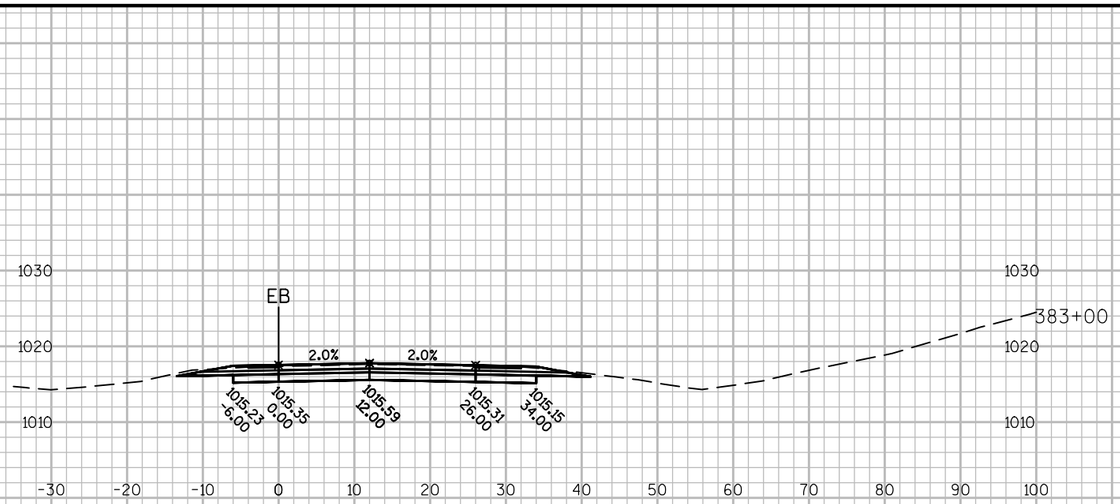
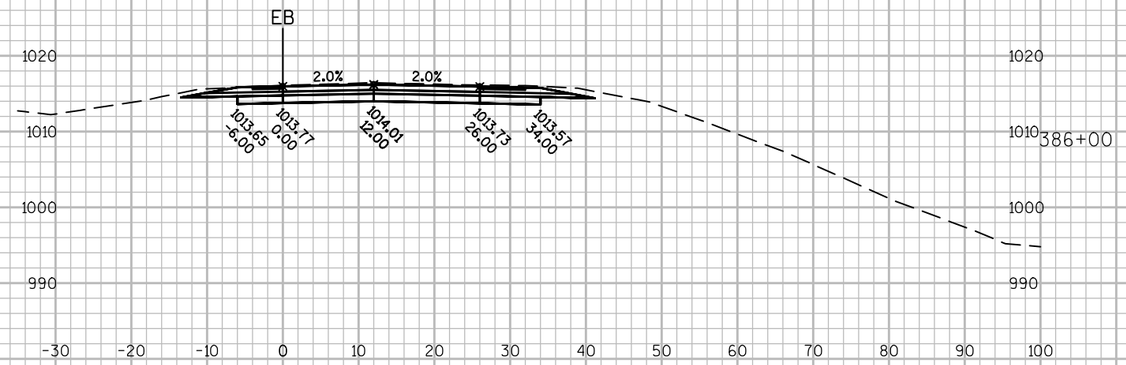
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 552	E

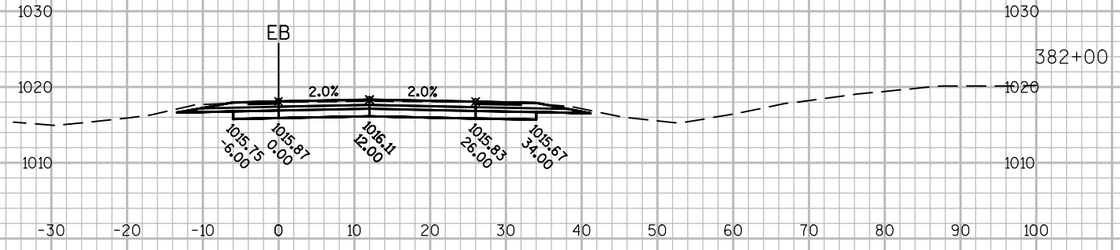
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (34)

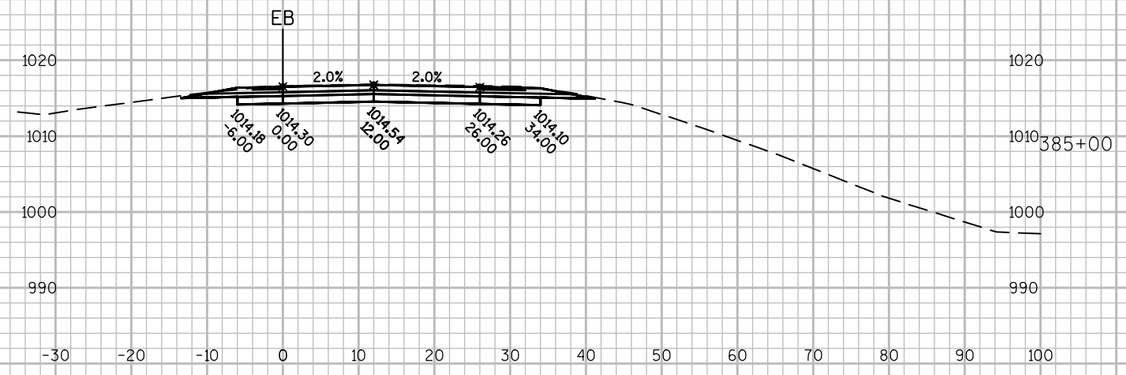
PLOT DATE : 1/17/2018 10:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

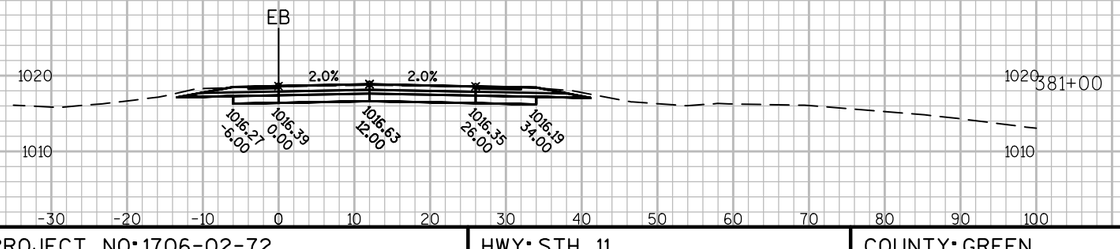
WISDOT/CADDS SHEET 49

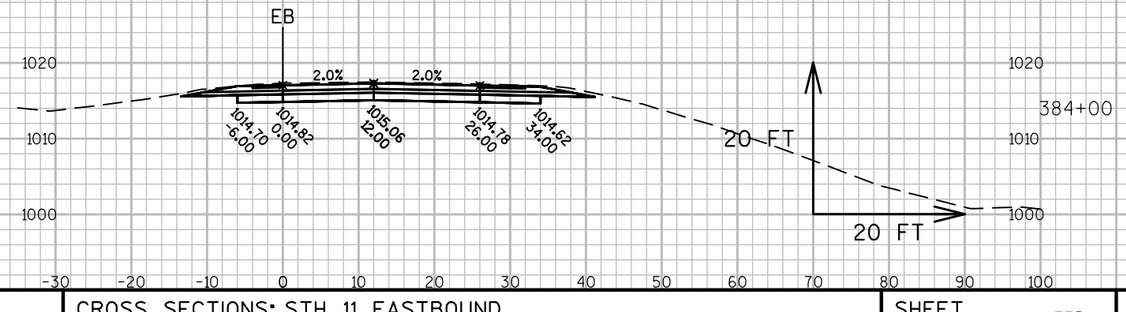












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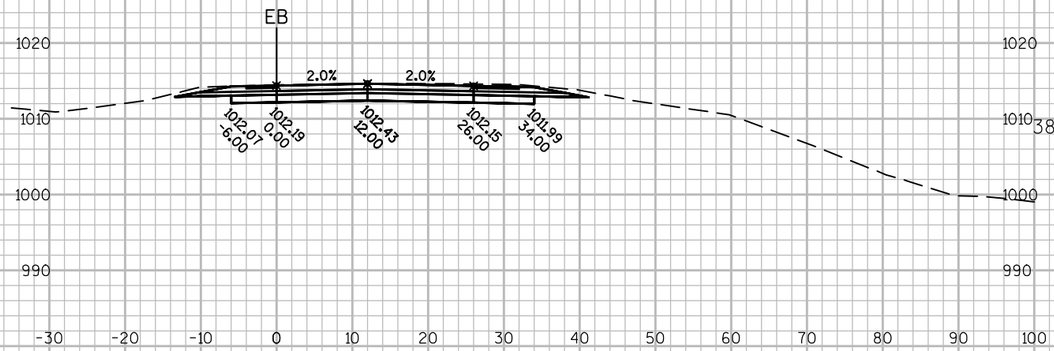
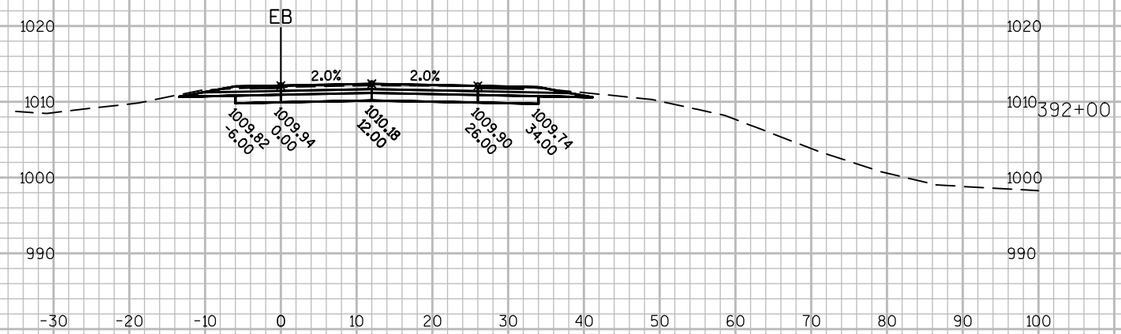
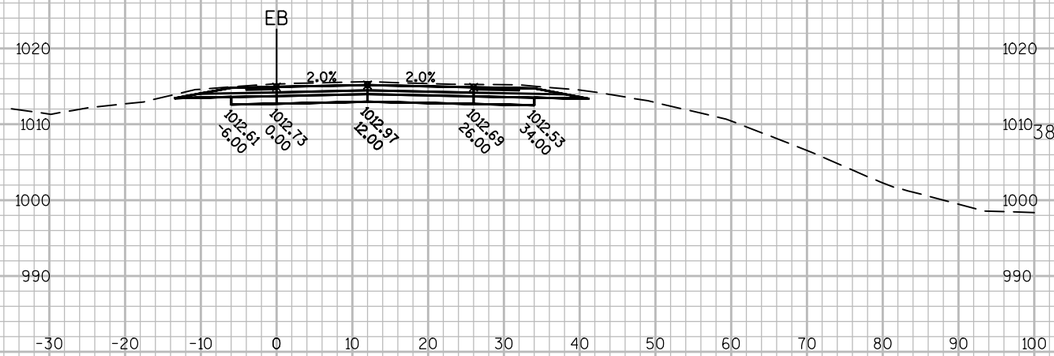
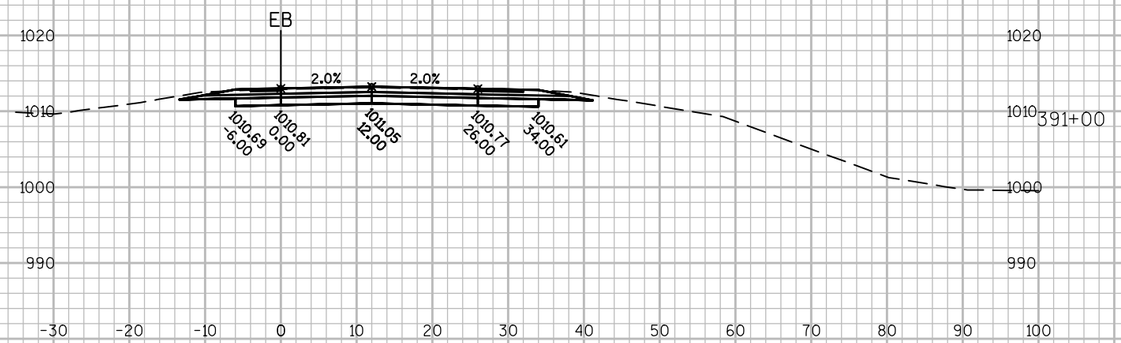
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 553	E

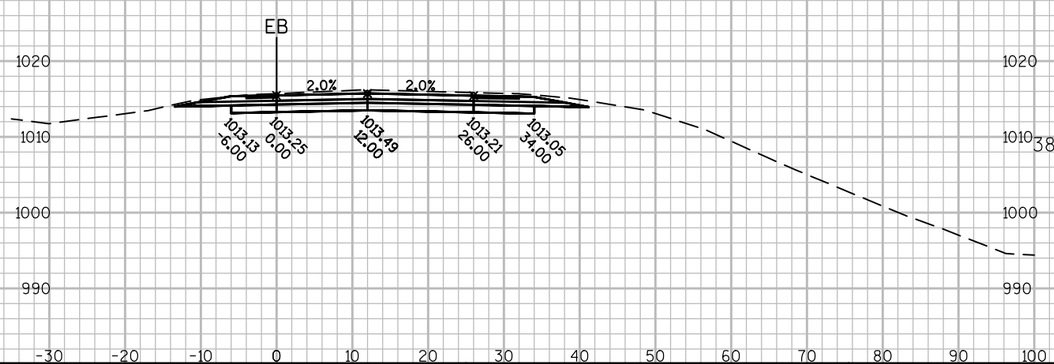
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (35)
PLOT DATE : 1/17/2018 10:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

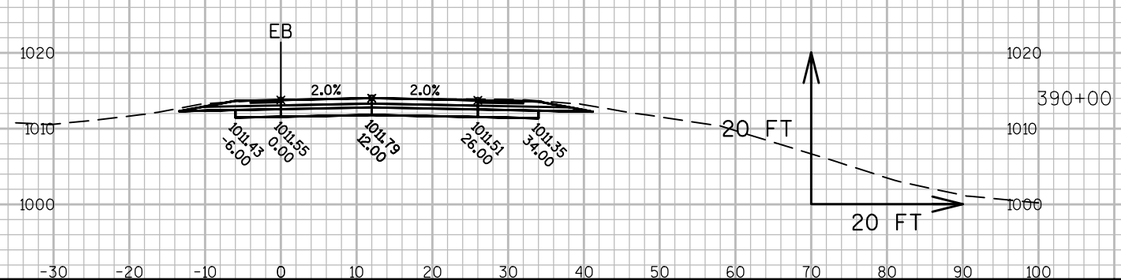












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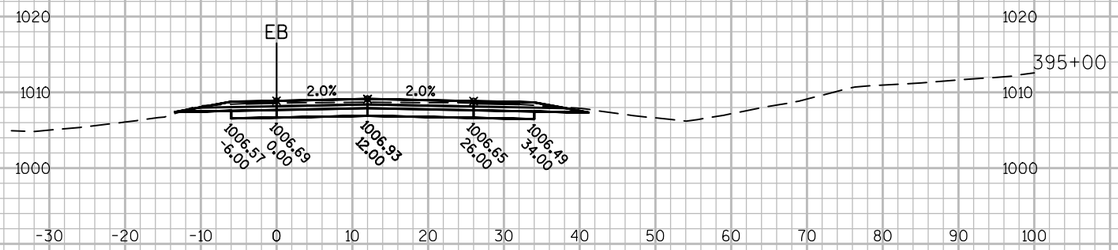
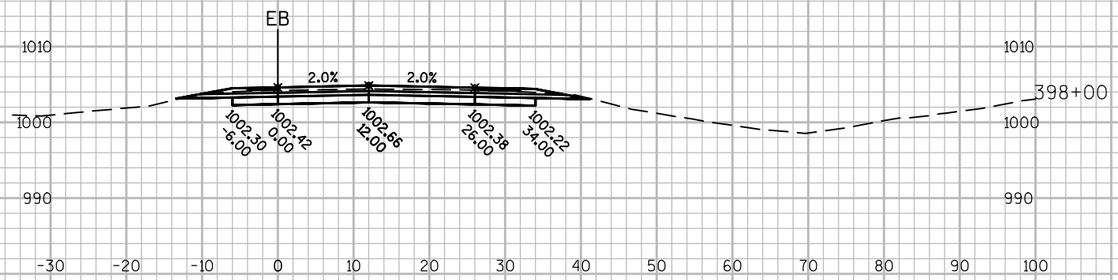
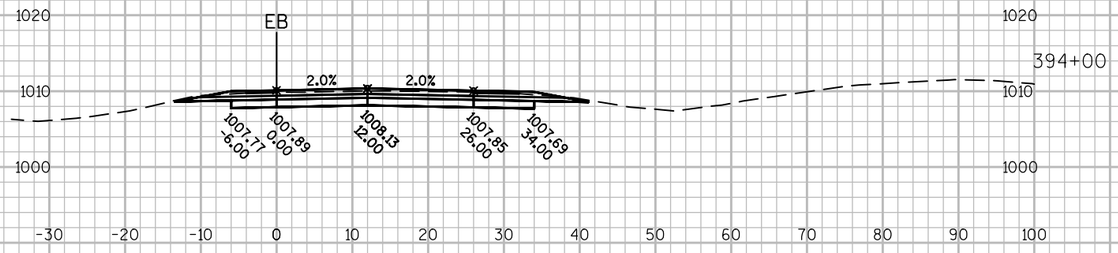
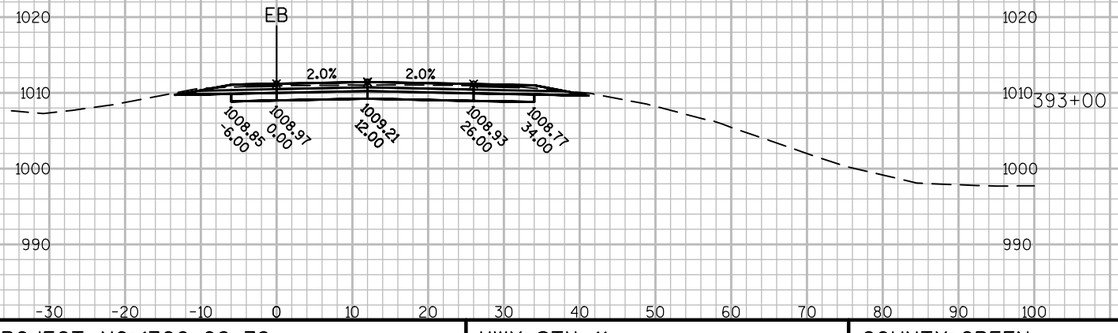
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 554	E

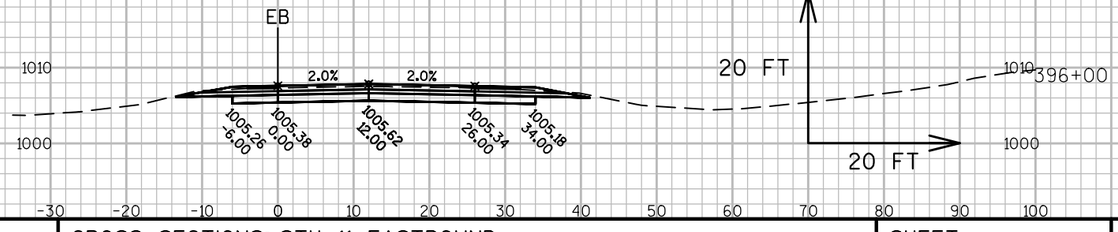
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (36)
PLOT DATE : 1/17/2018 10:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











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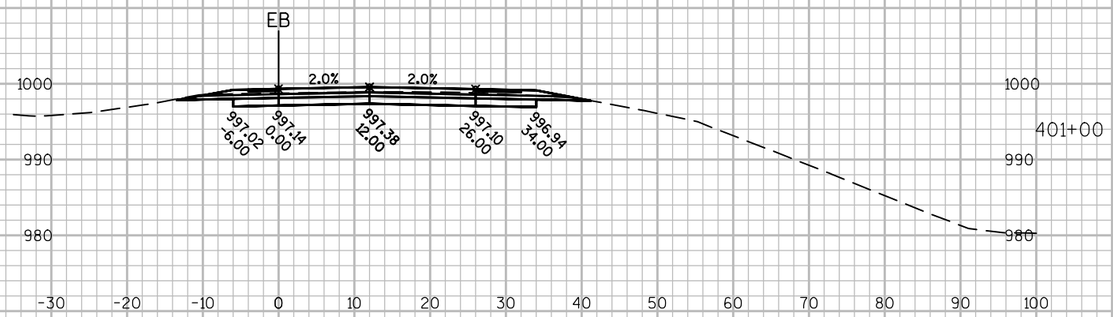
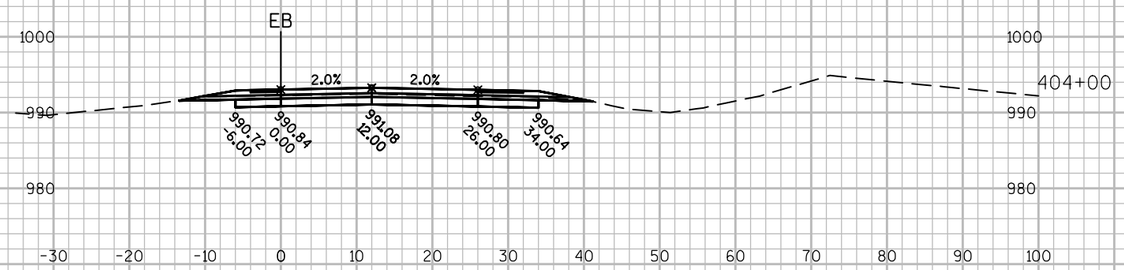
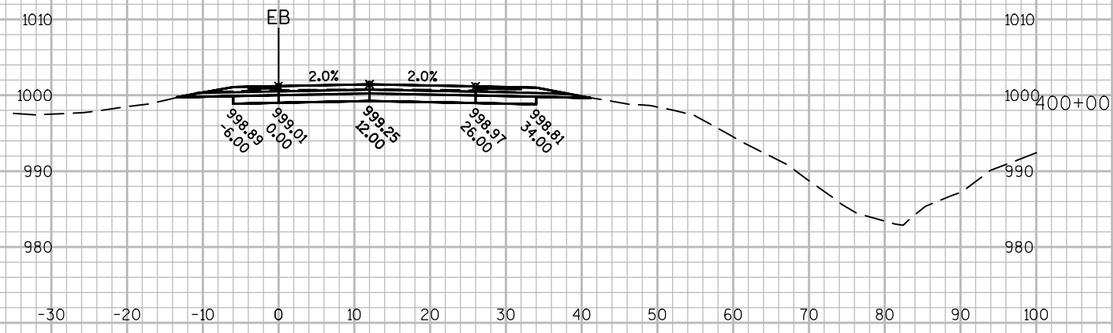
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 555	E

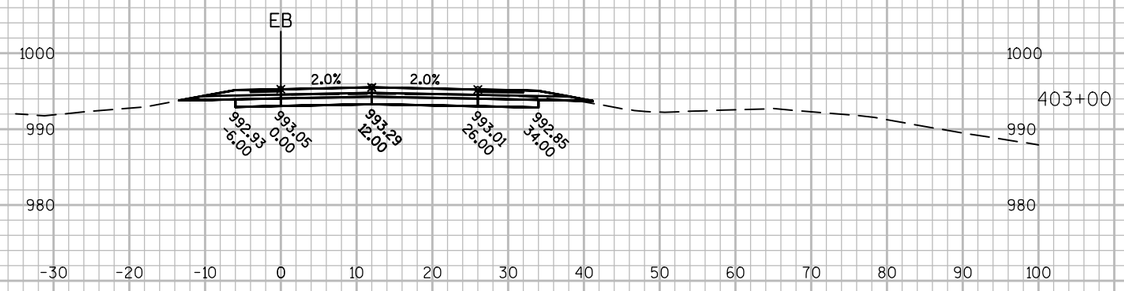
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (37)

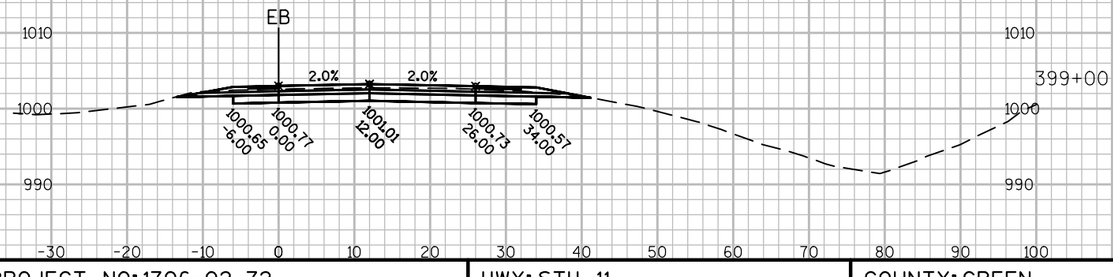
PLOT DATE : 1/17/2018 10:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

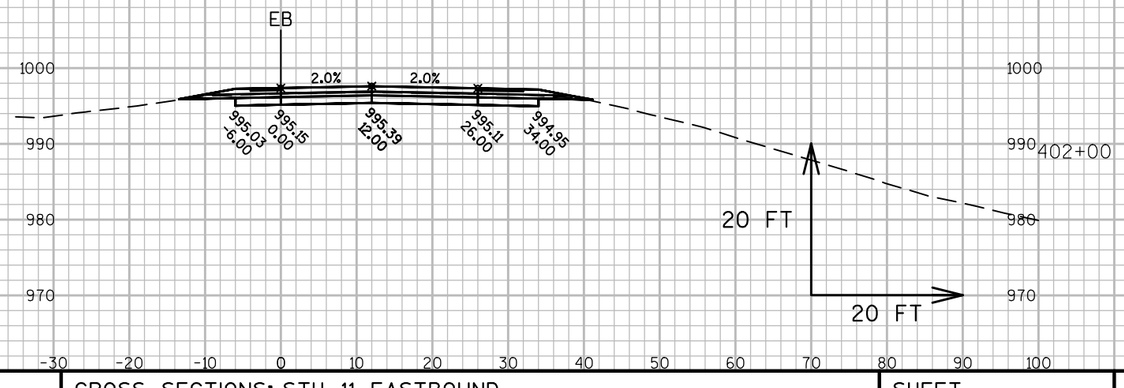












9

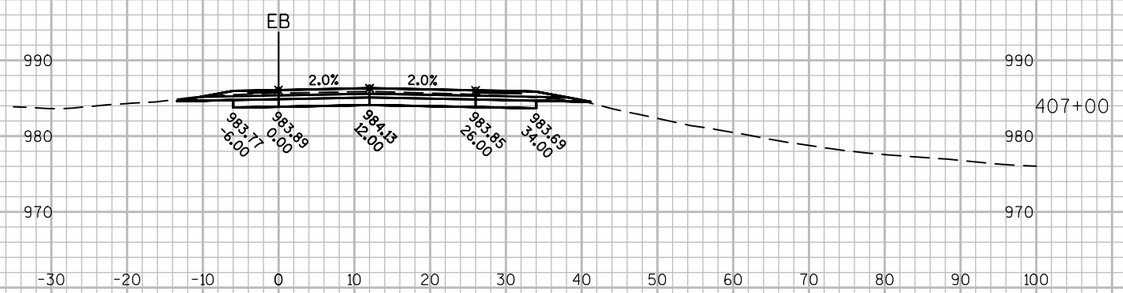
9

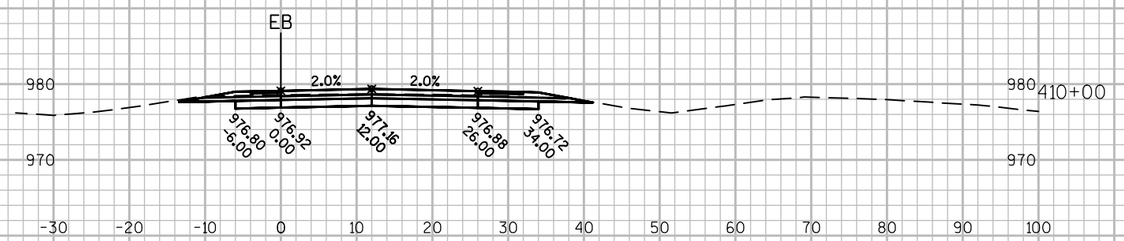
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 556	E

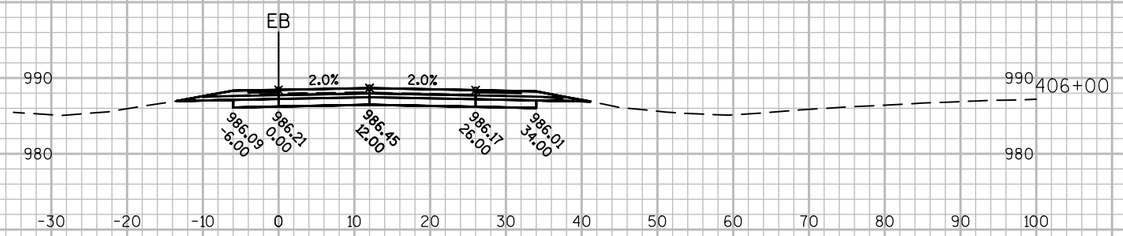
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (38)

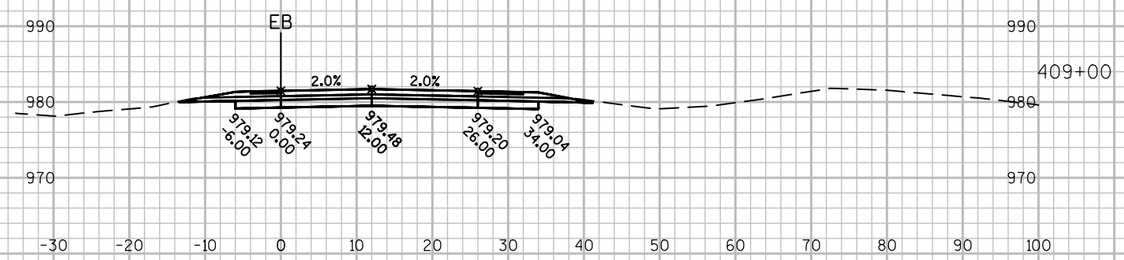
PLOT DATE : 1/17/2018 10:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

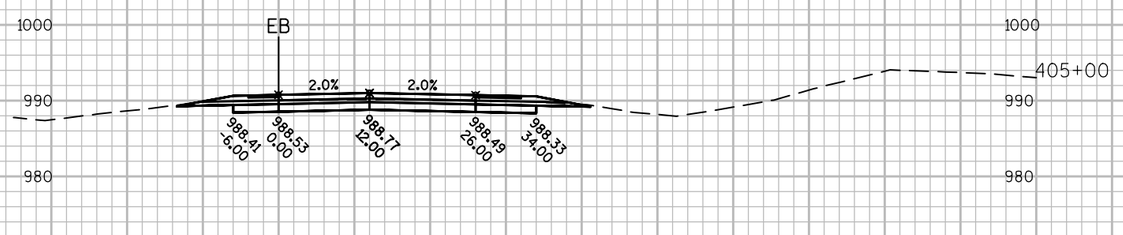
WISDOT/CADDS SHEET 49

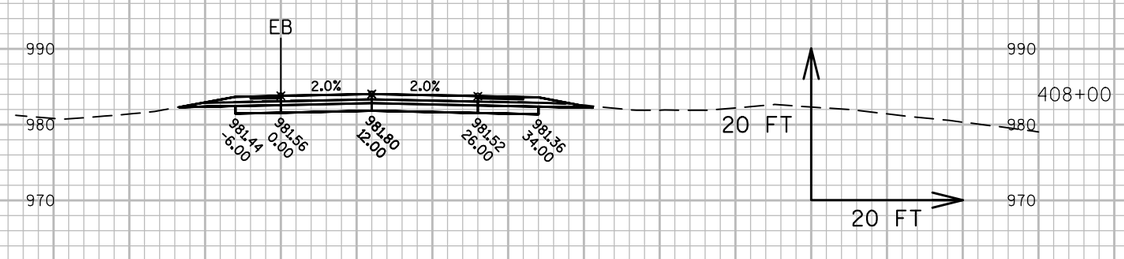












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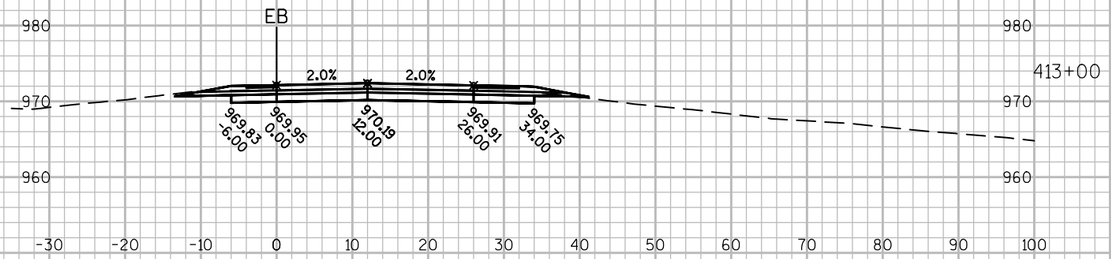
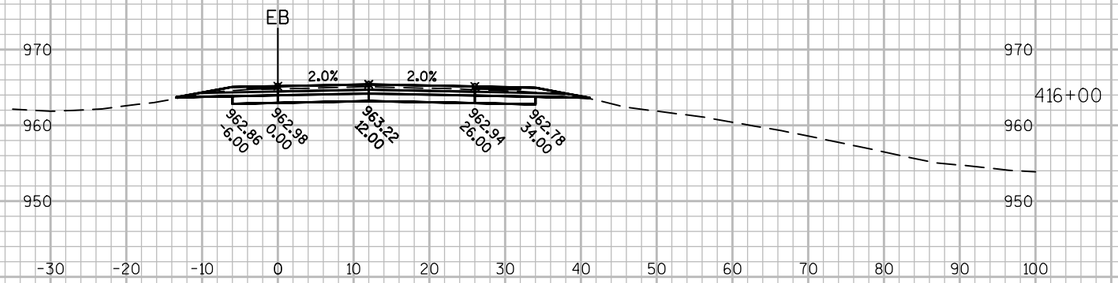
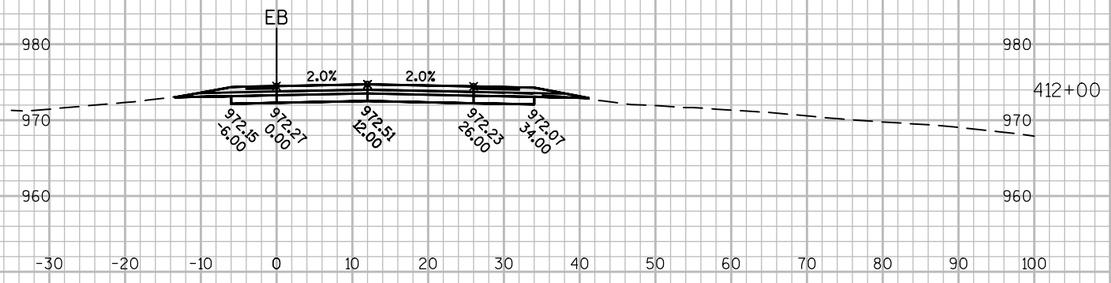
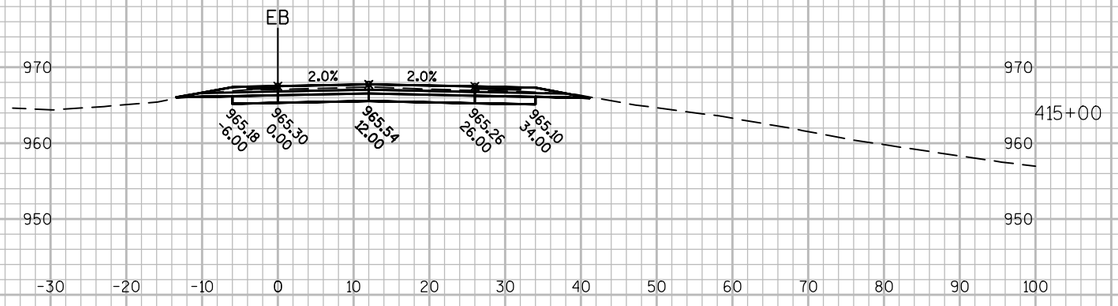
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 557	E

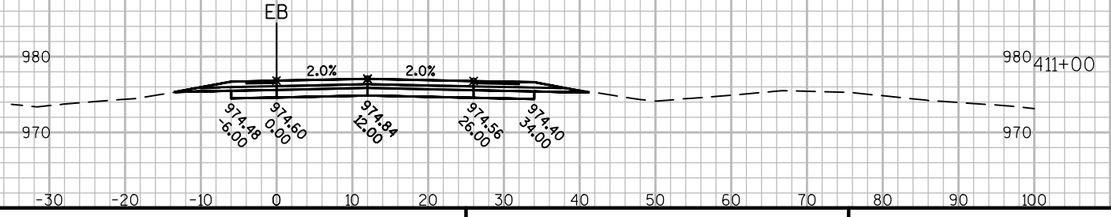
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (39)
PLOT DATE : 1/17/2018 10:56 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

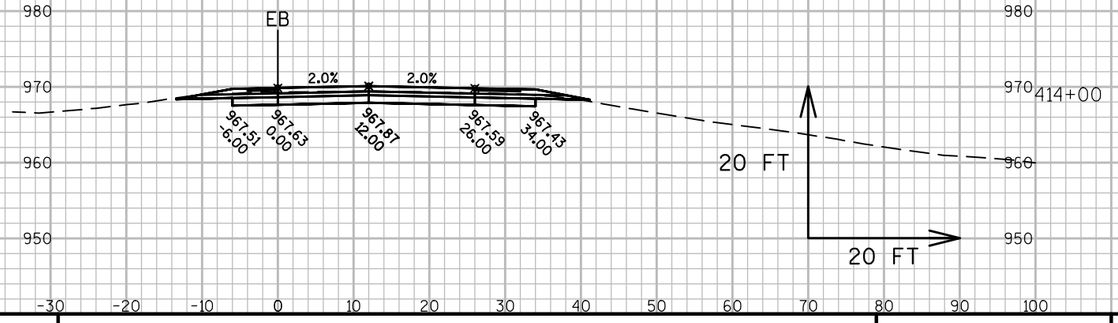












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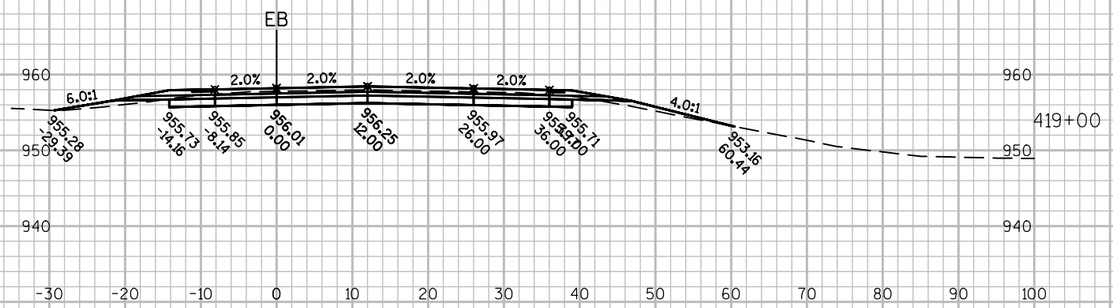
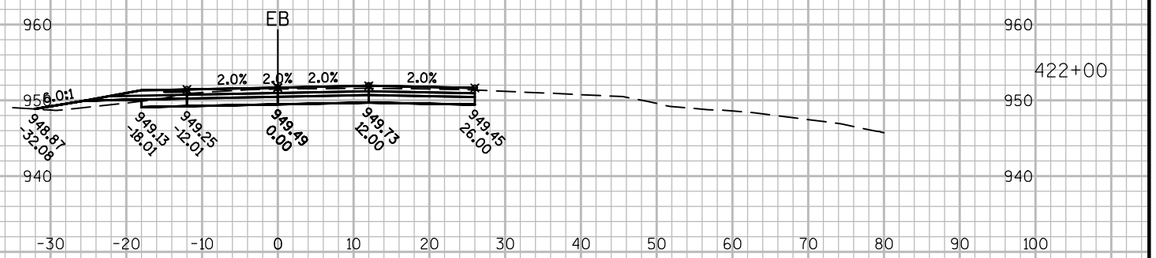
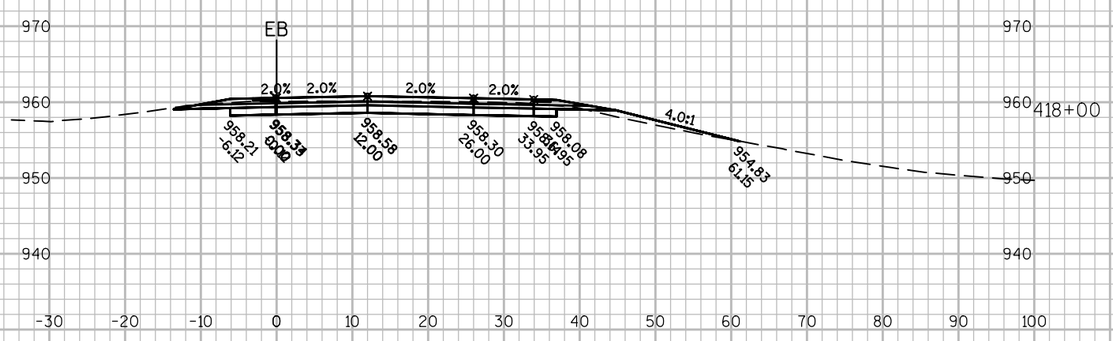
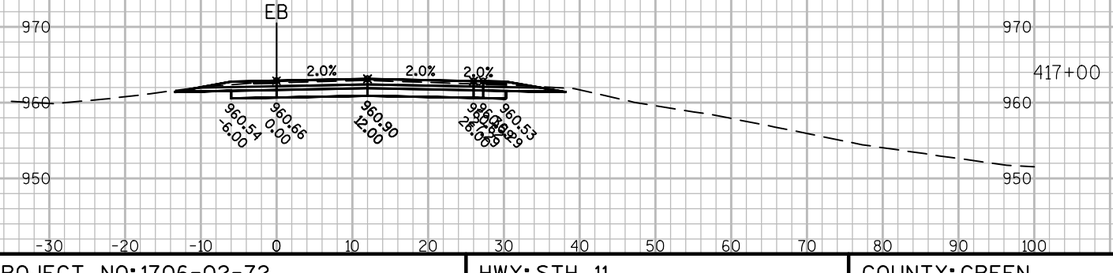
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 558	E

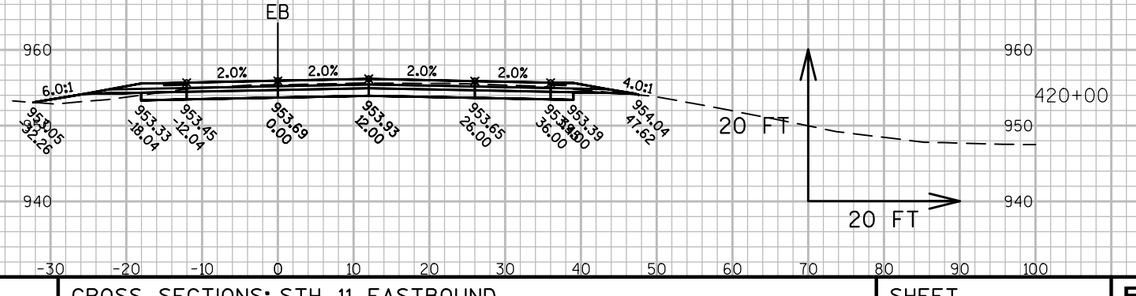
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (40)
PLOT DATE : 1/17/2018 10:56 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











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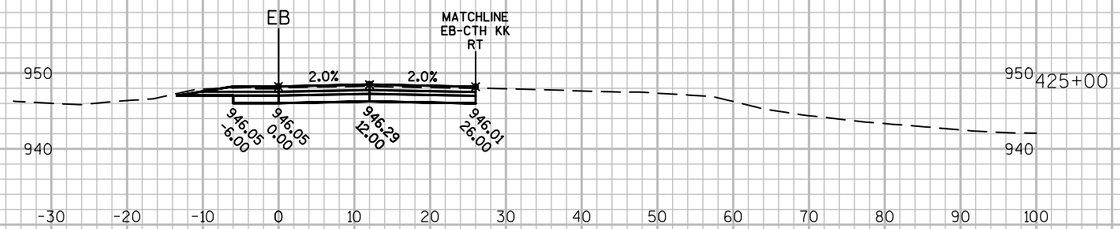
9

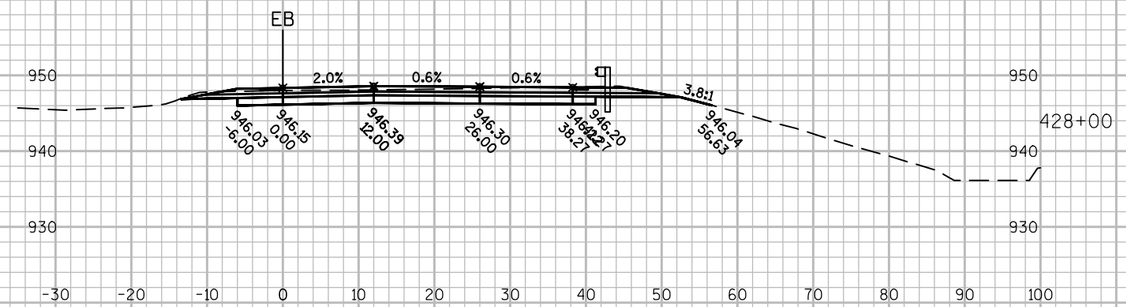
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 559	E

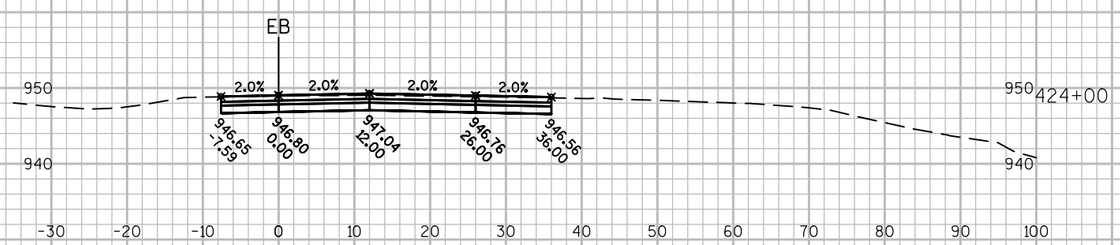
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (41)

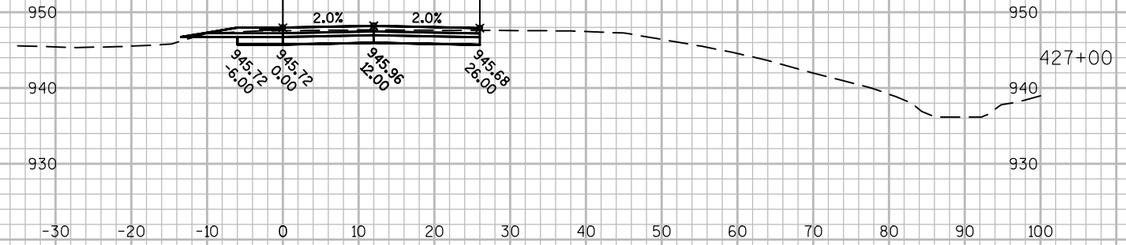
PLOT DATE : 1/17/2018 10:56 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

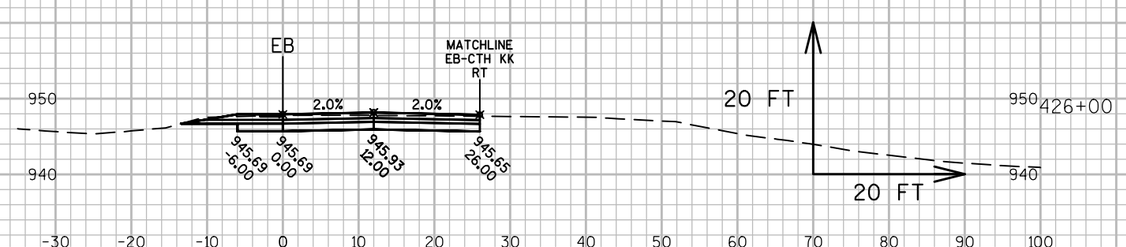
WISDOT/CADDS SHEET 49











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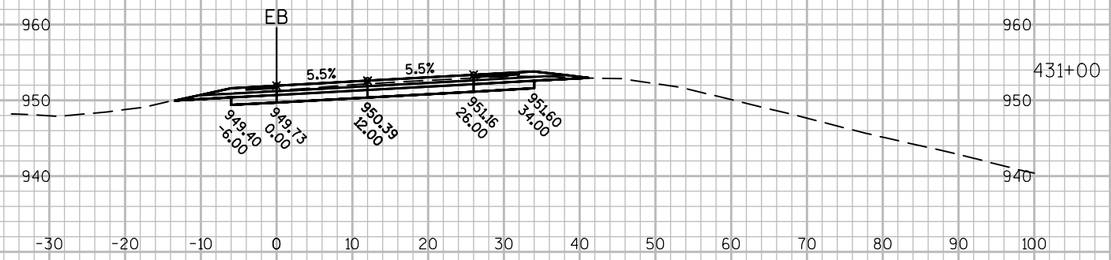
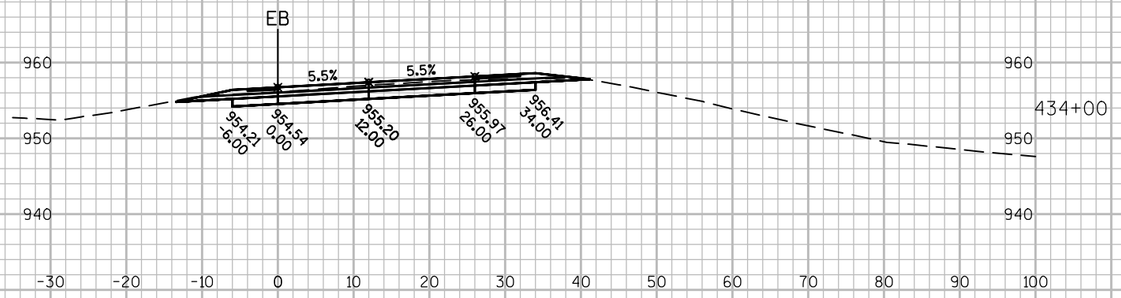
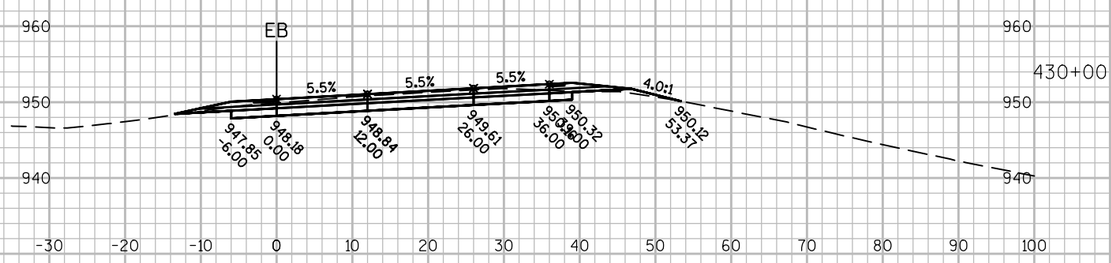
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 560	E

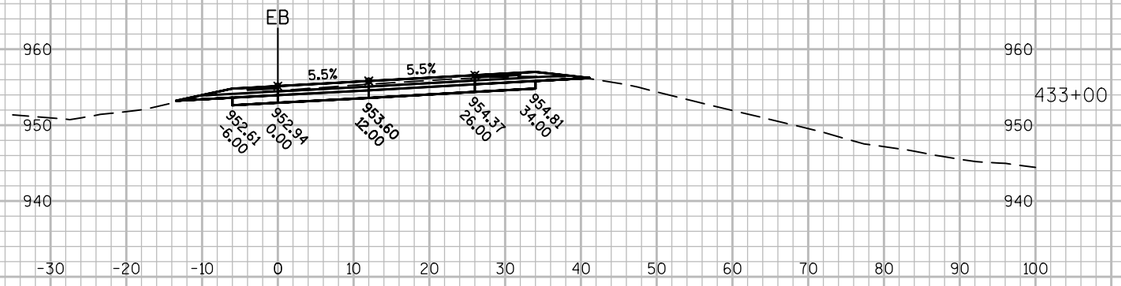
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (42)

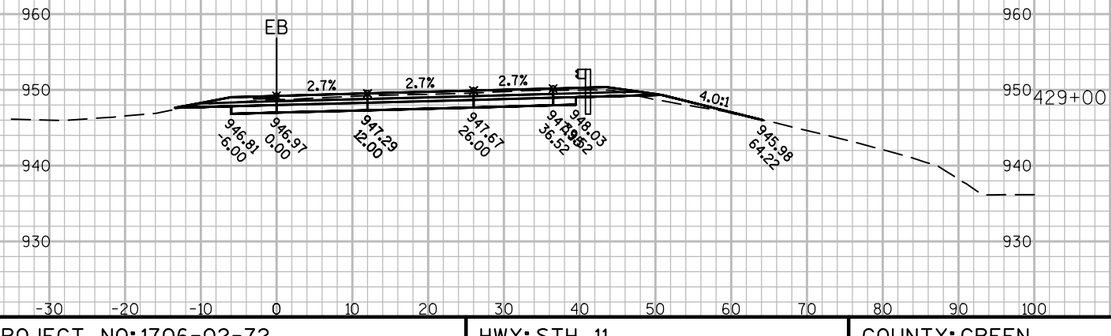
PLOT DATE : 1/17/2018 10:56 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

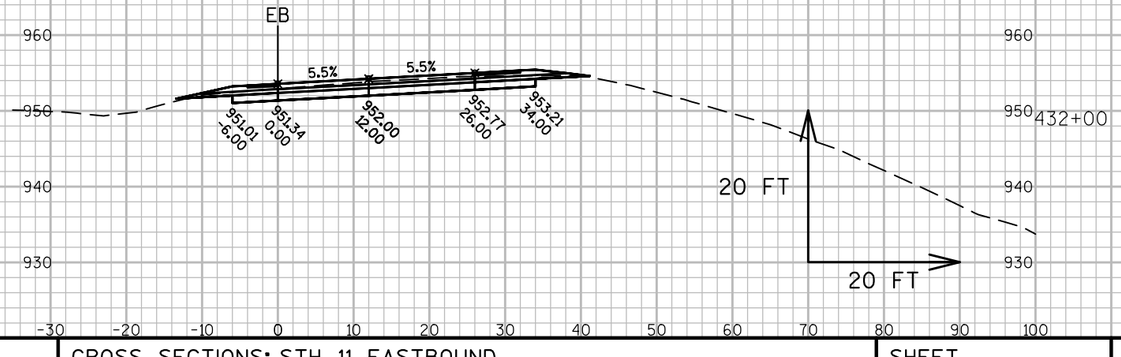












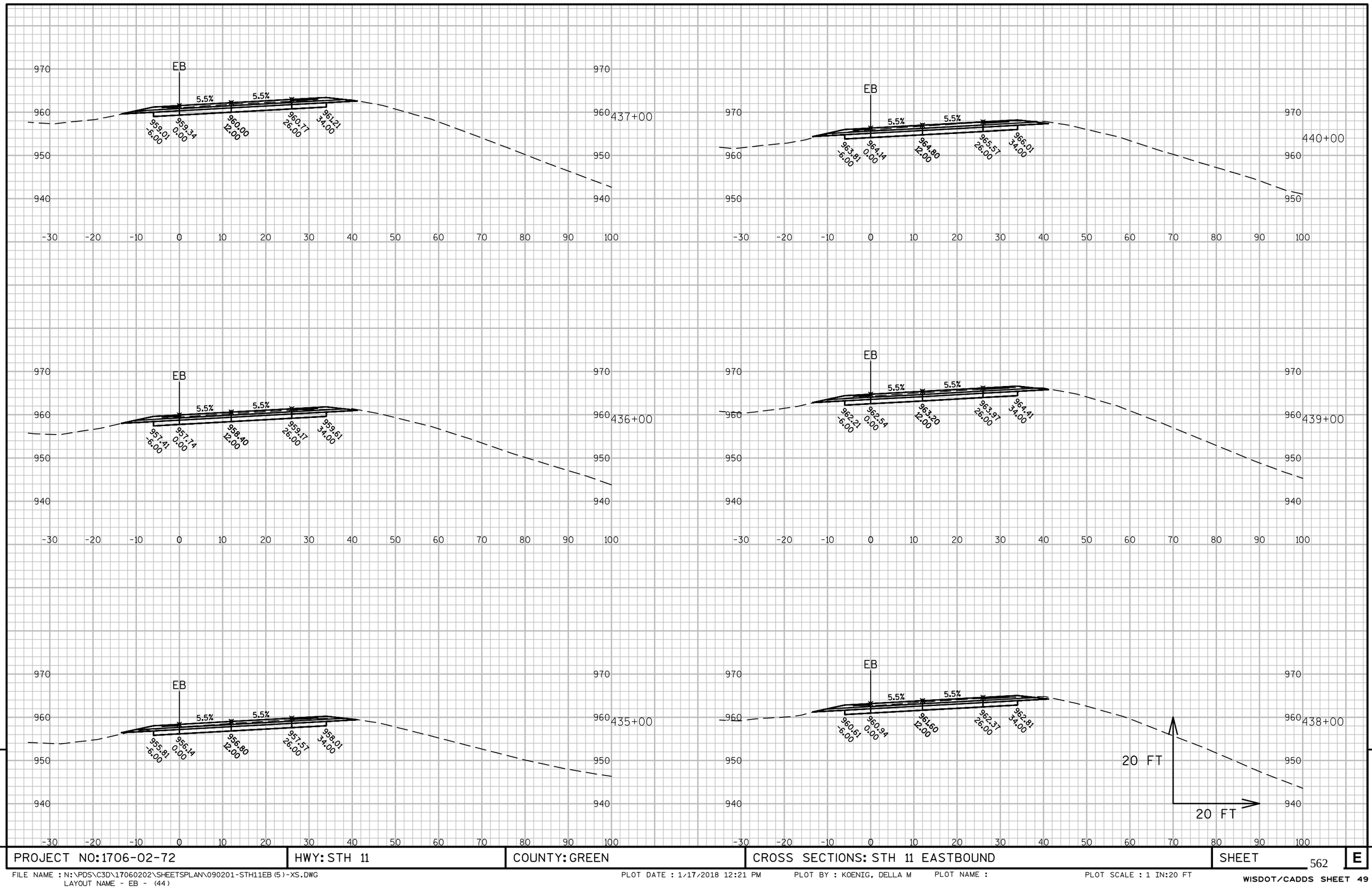
9

9

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 561	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(4)-XS.DWG
LAYOUT NAME - EB - (43)

PLOT DATE : 1/17/2018 10:57 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

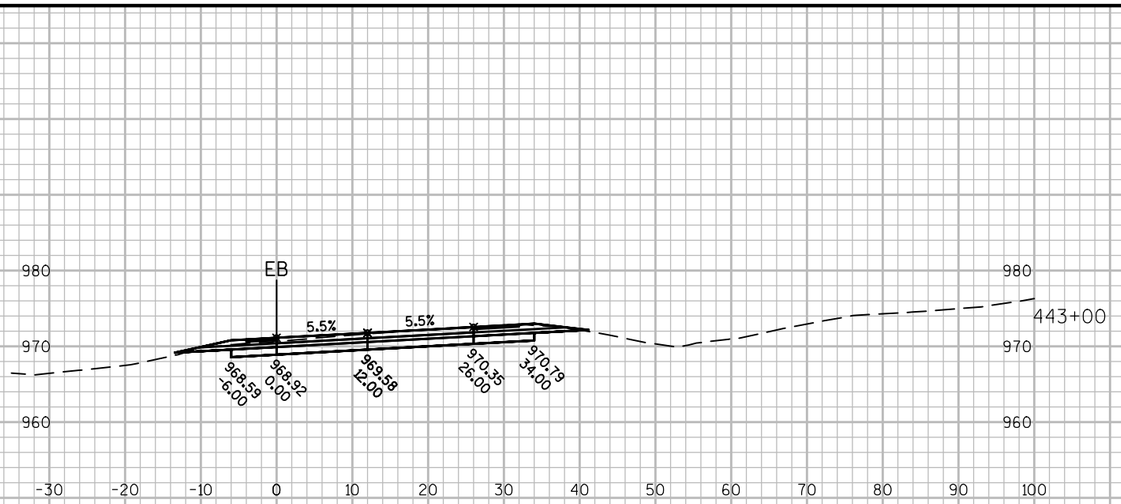


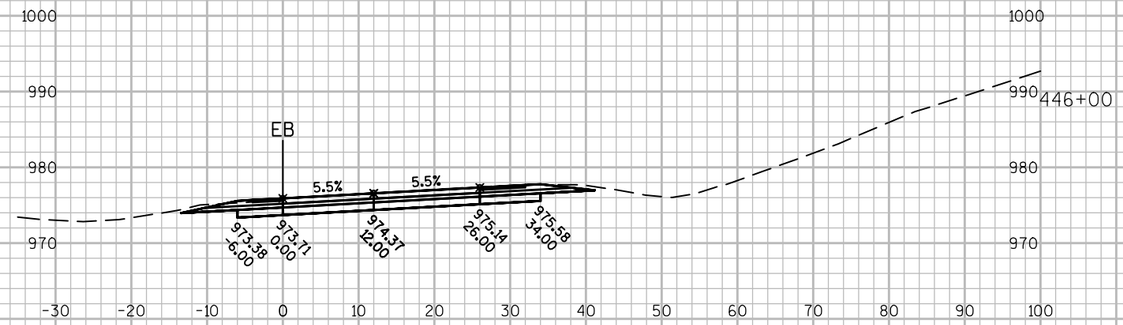
9

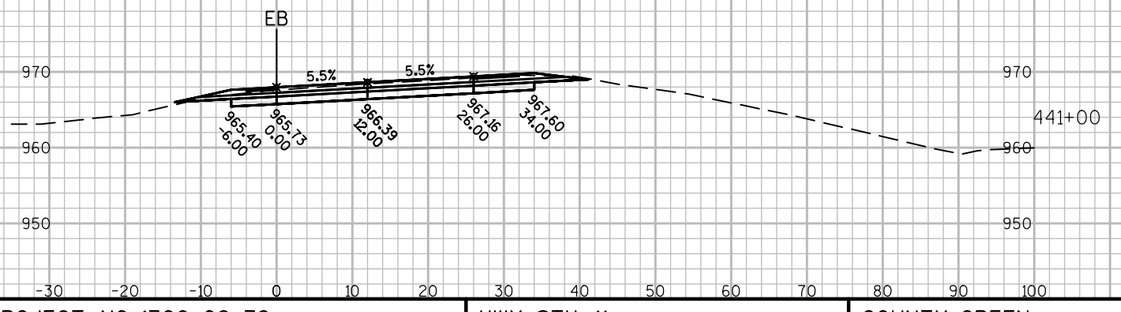
9

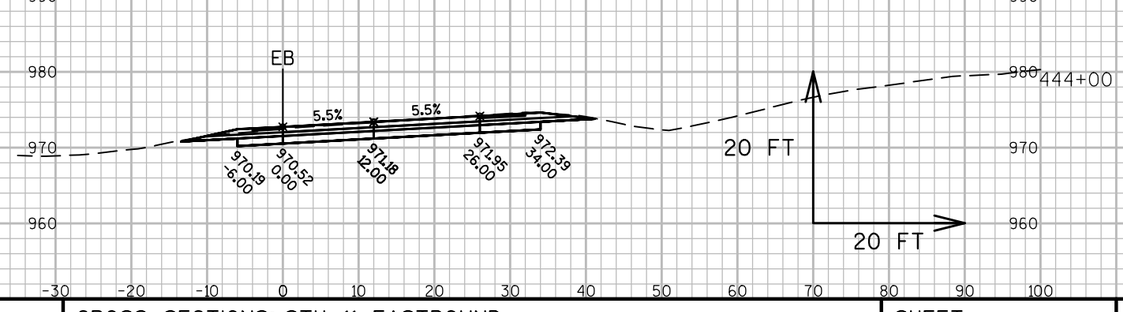
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 562	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (44)
PLOT DATE : 1/17/2018 12:21 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49









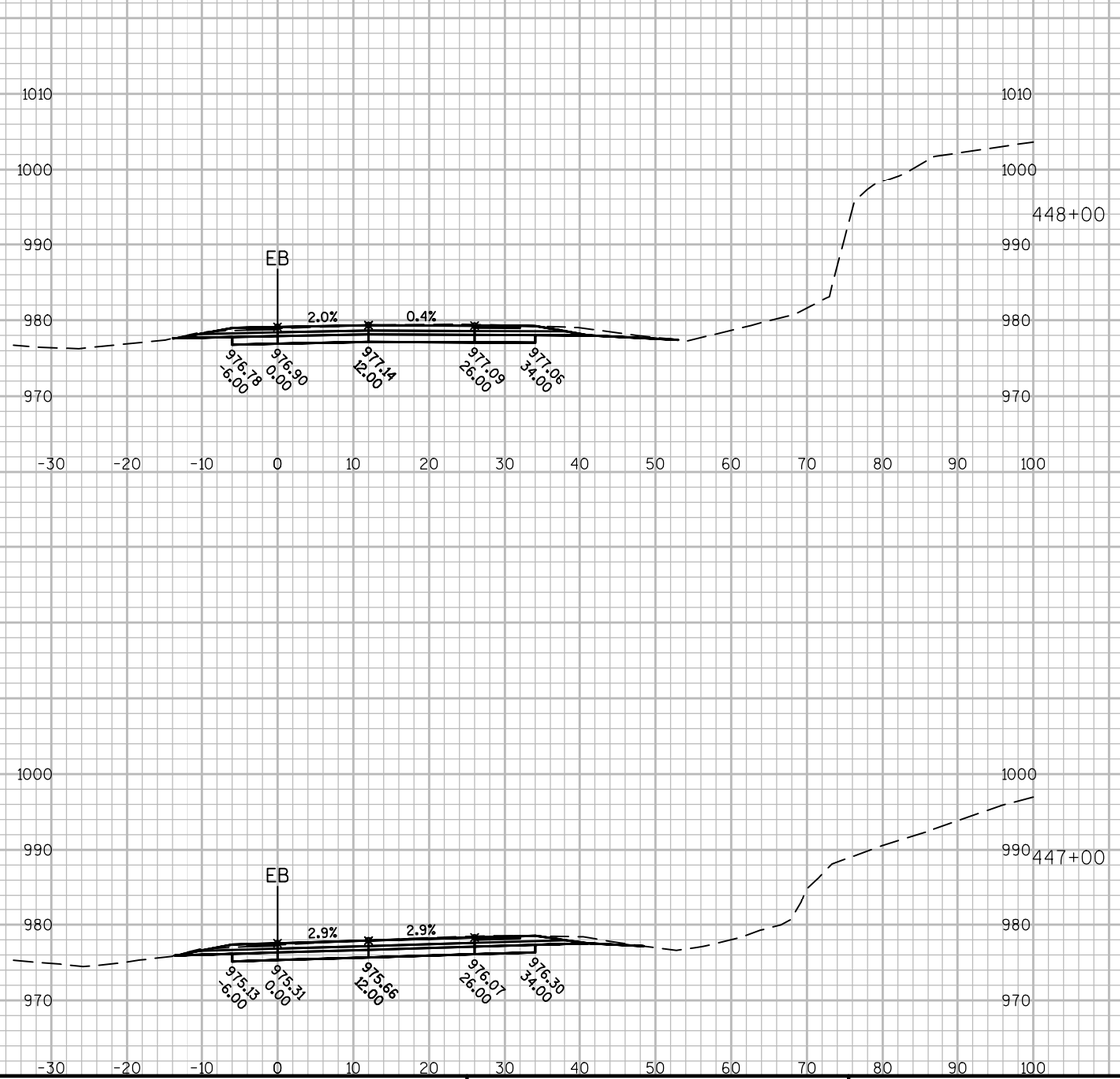
9

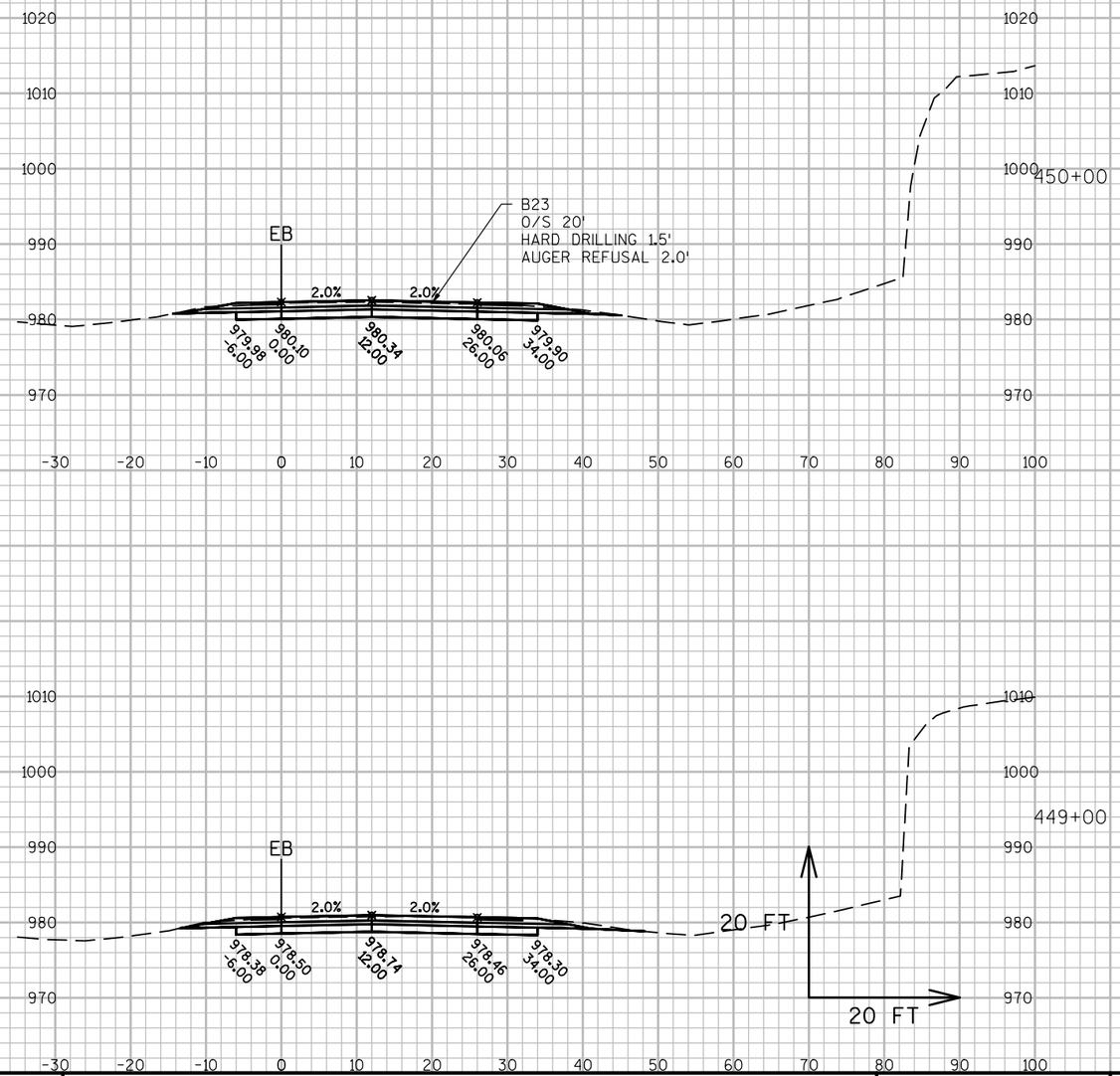
9

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 563	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (45)

PLOT DATE : 1/17/2018 12:22 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT





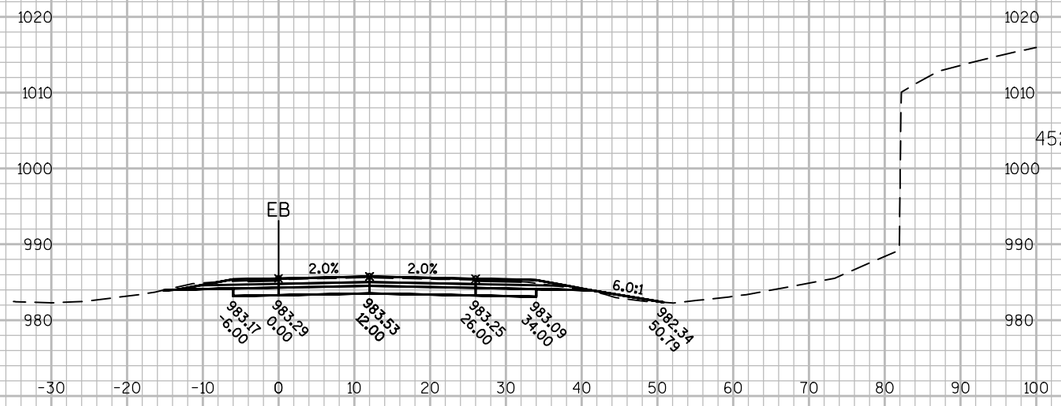
9

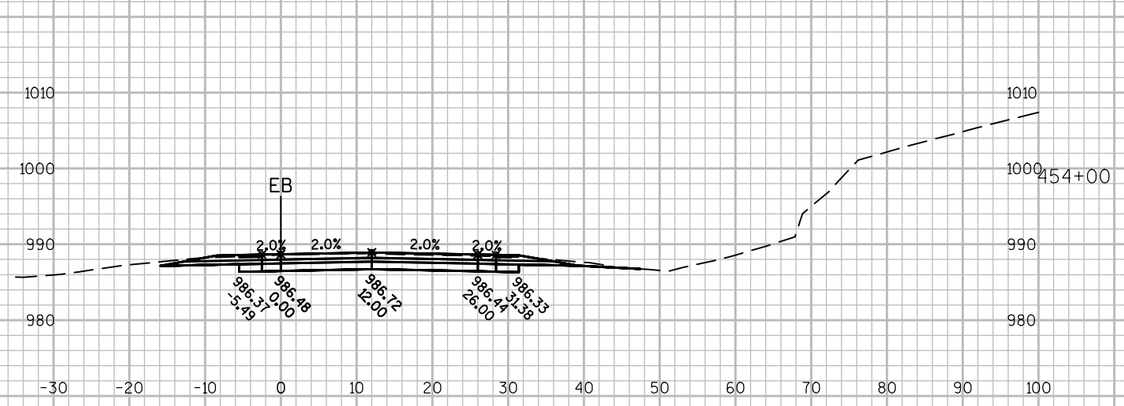
9

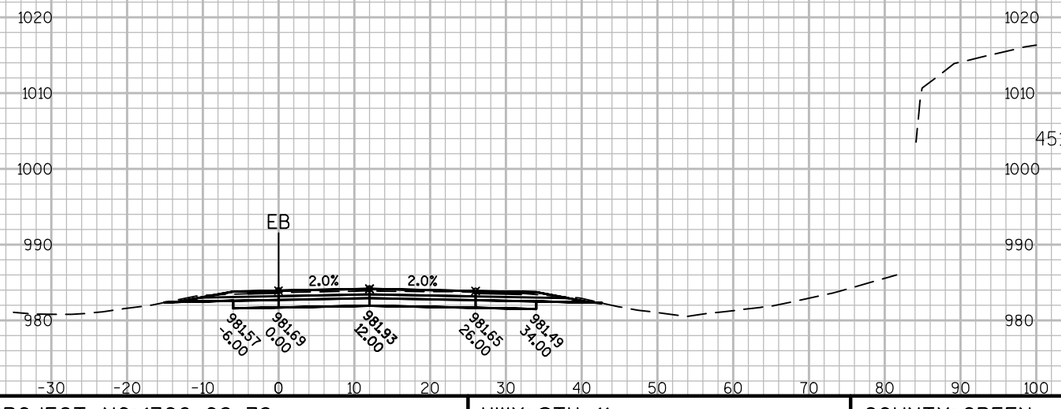
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 564	E

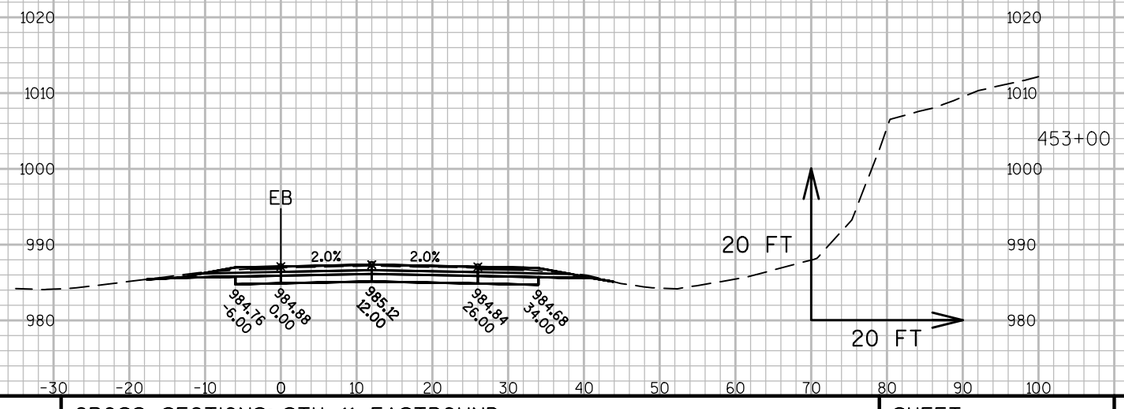
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (46)

PLOT DATE : 1/17/2018 12:22 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT









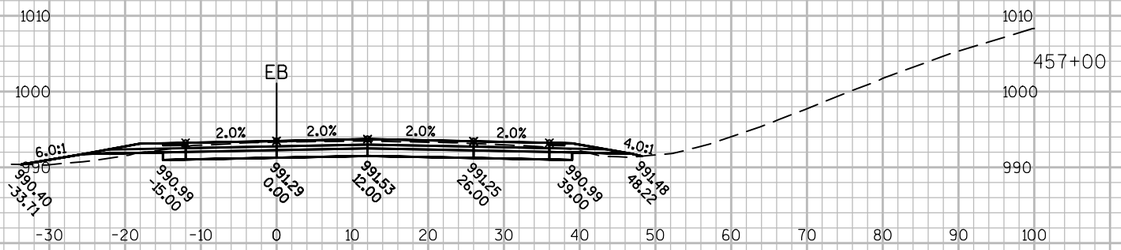
9

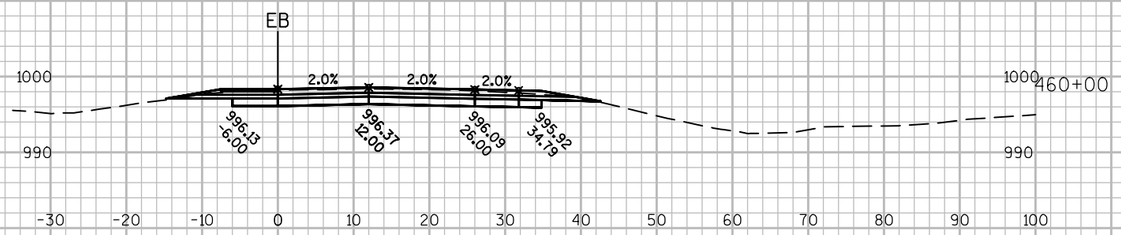
9

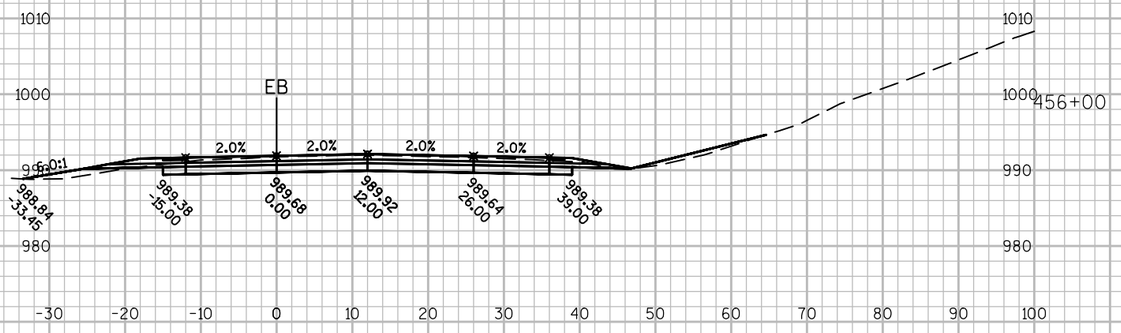
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 565	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (47)

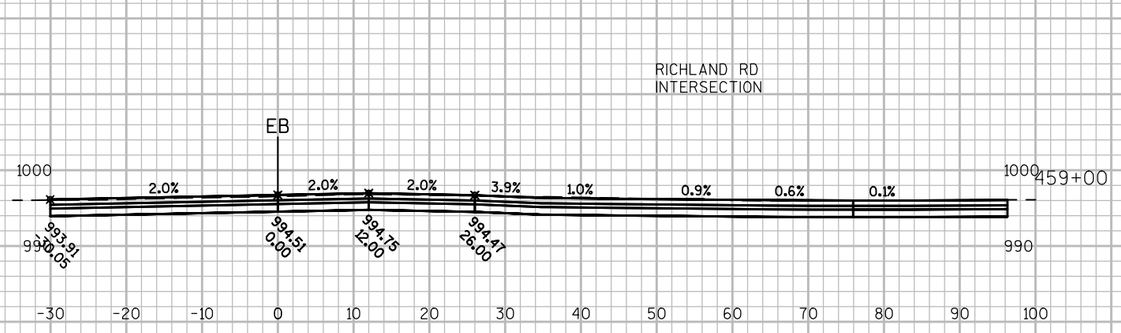
PLOT DATE : 1/17/2018 12:22 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

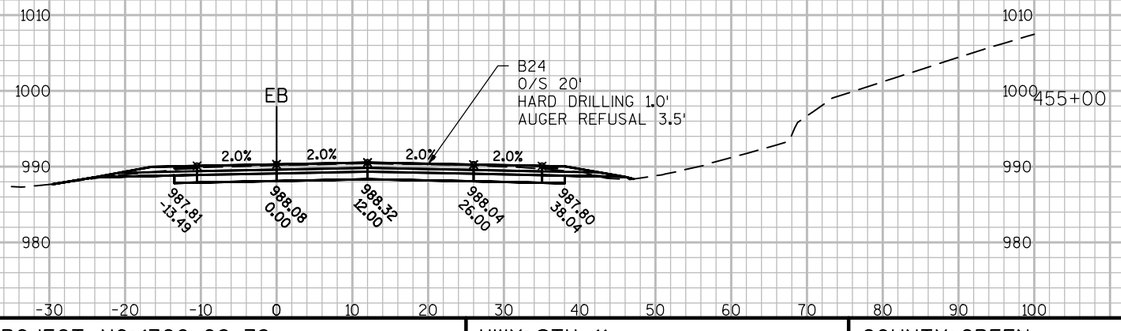


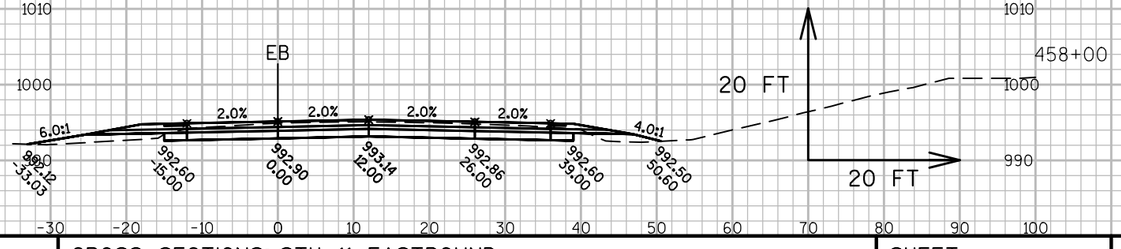




RICHLAND RD
INTERSECTION







9

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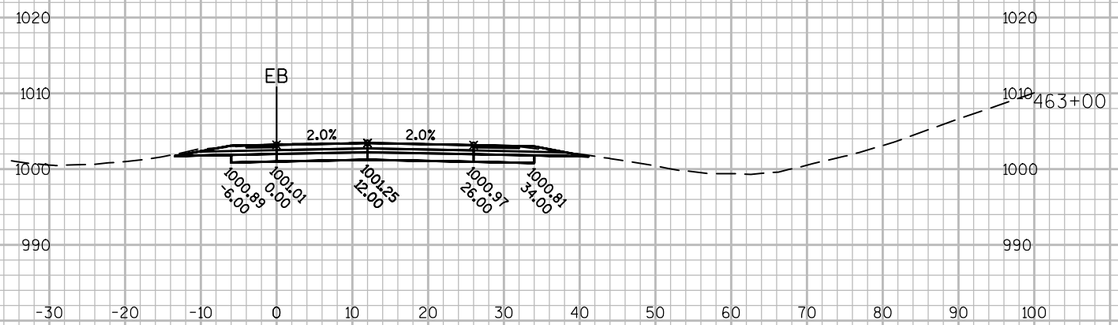
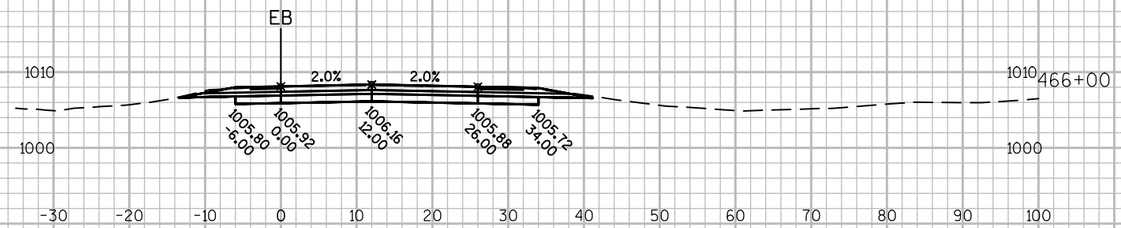
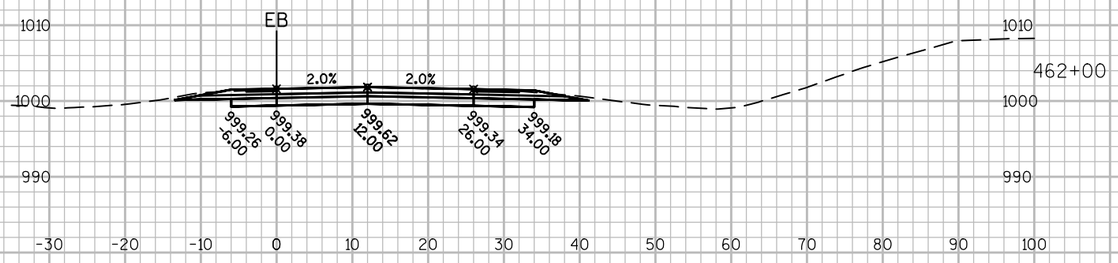
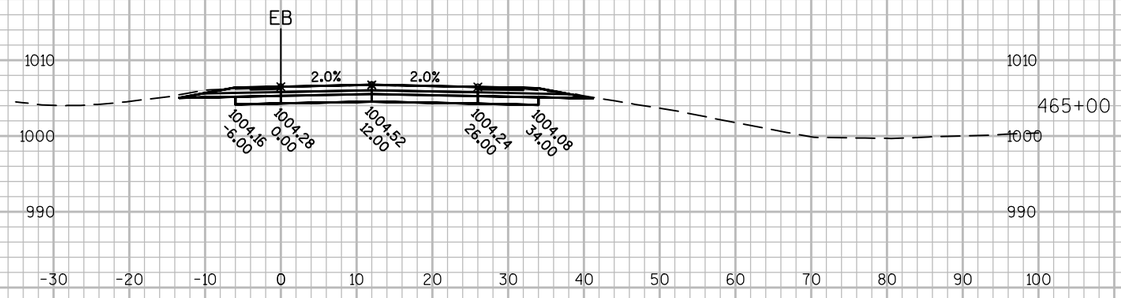
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 566	E

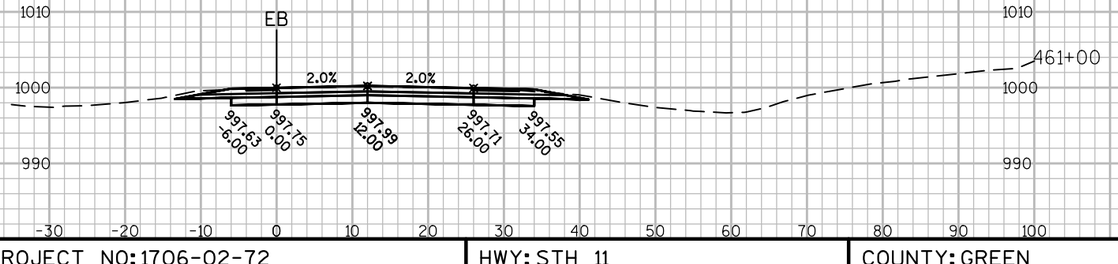
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (48)
PLOT DATE : 1/17/2018 12:22 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

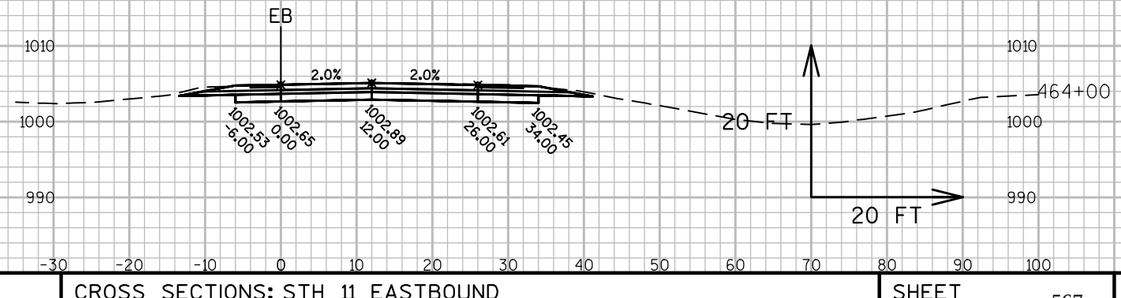












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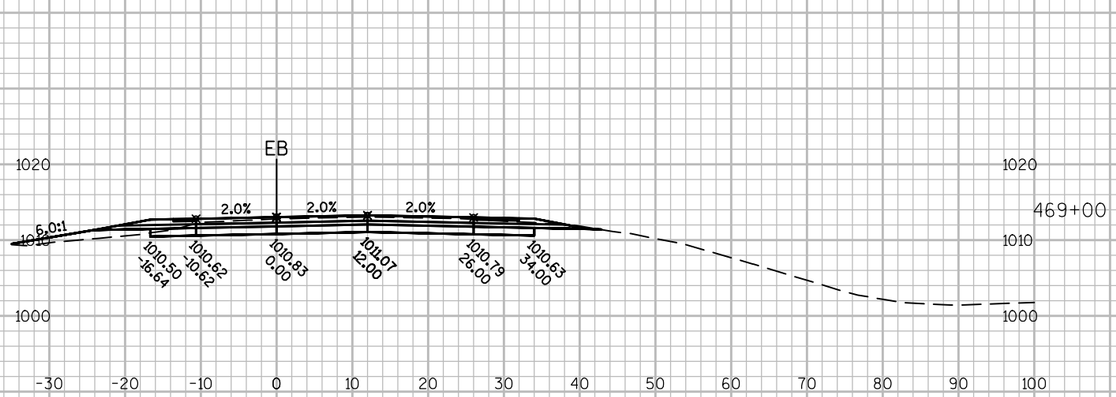
9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 567	E

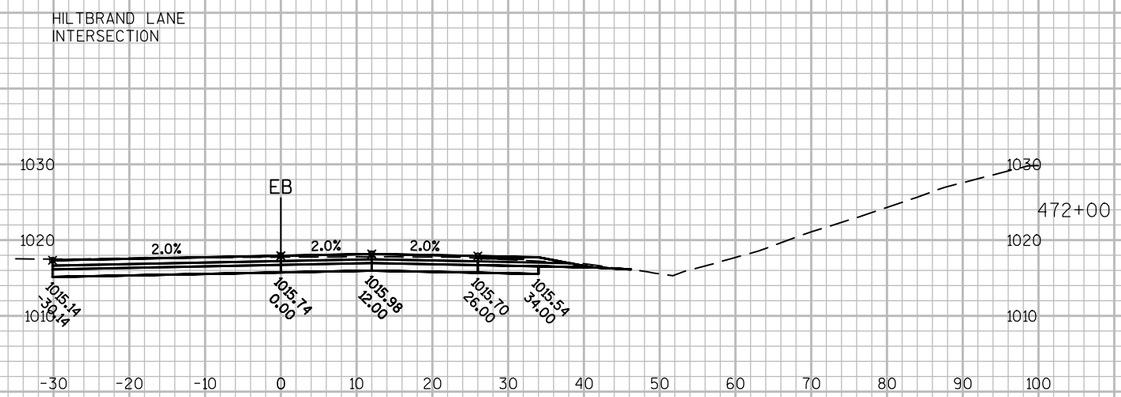
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (49)

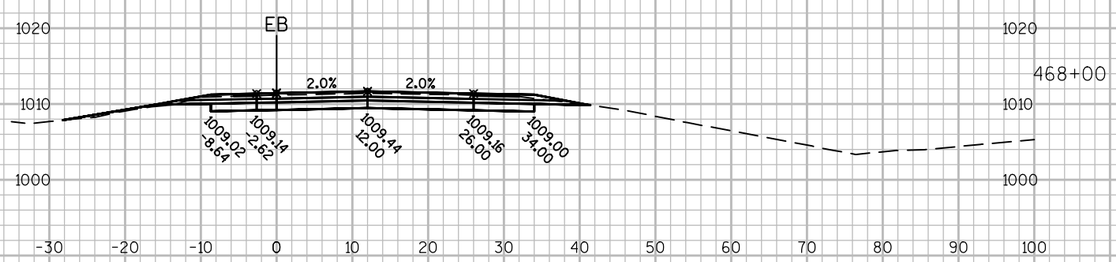
PLOT DATE : 1/17/2018 12:22 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

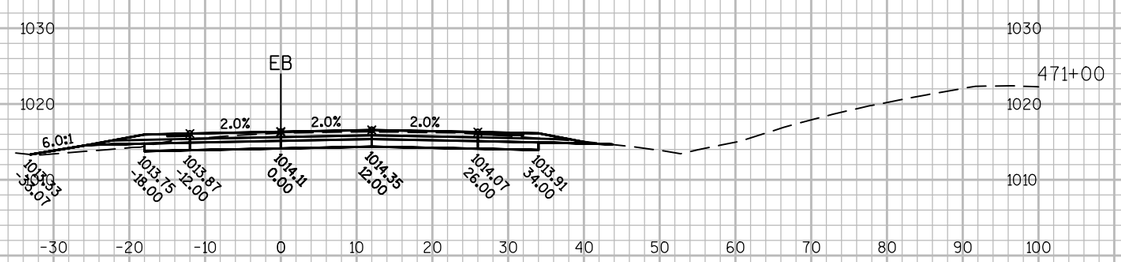
WISDOT/CADDS SHEET 49

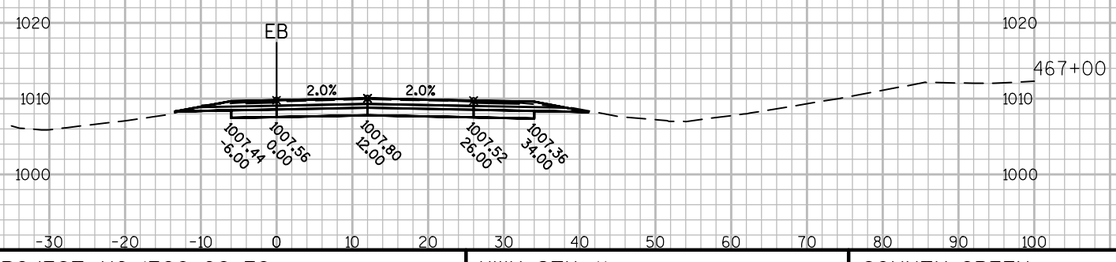


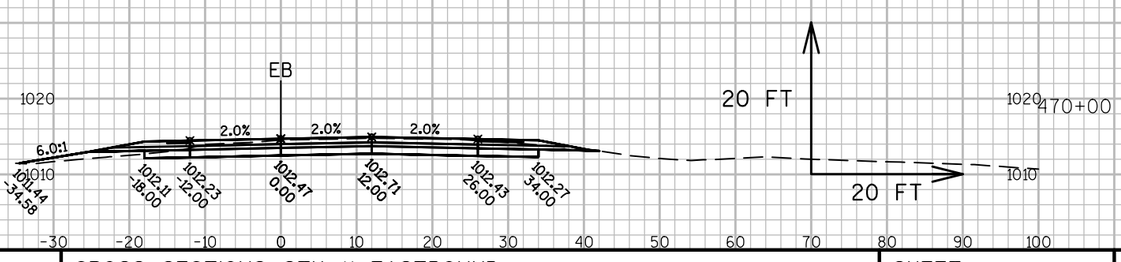
HILTBRAND LANE
INTERSECTION











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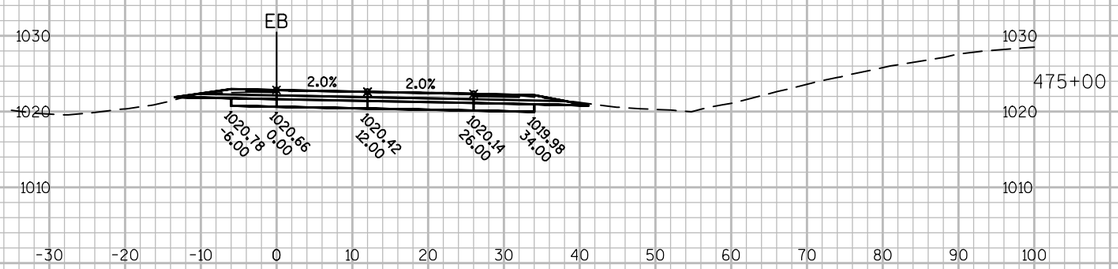
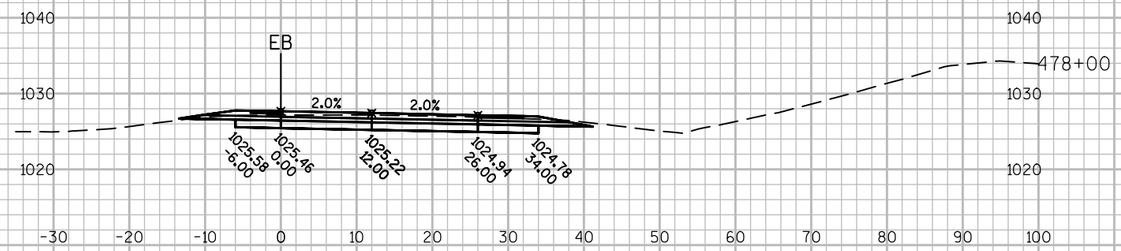
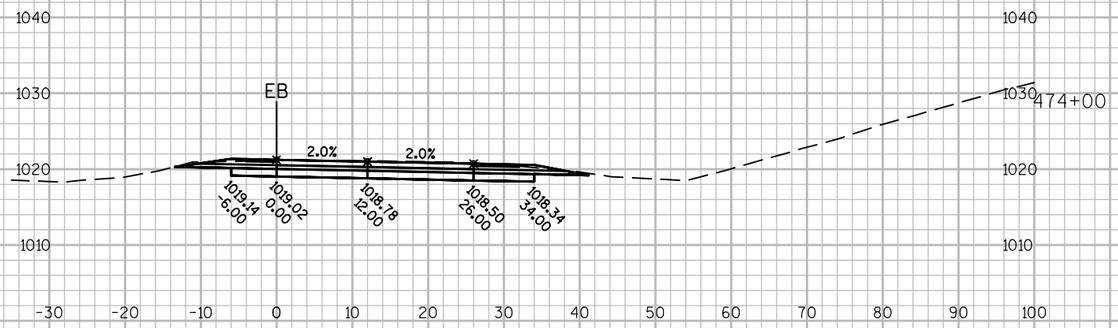
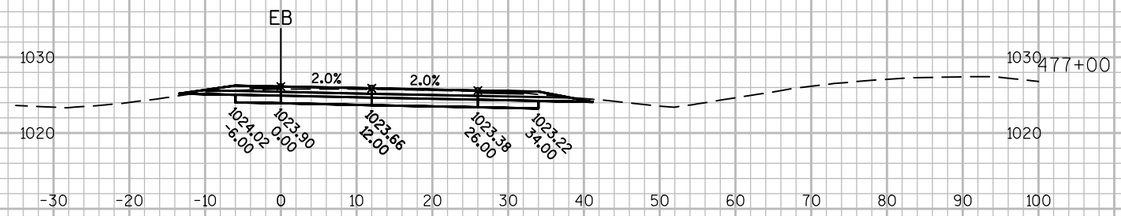
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 568	E

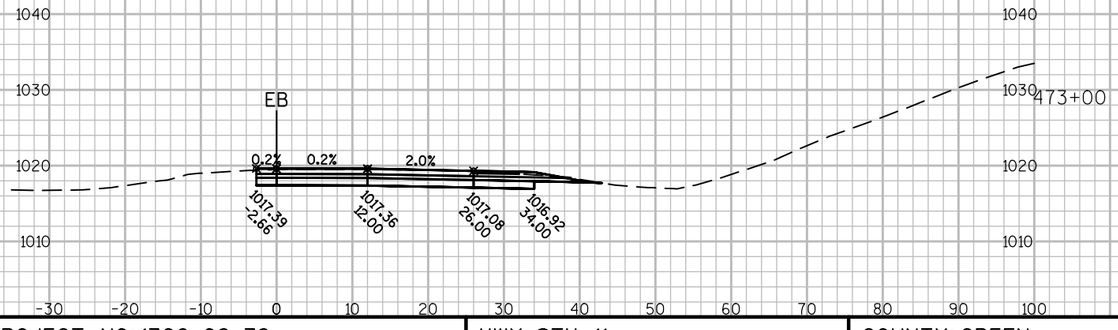
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (50)
PLOT DATE : 1/17/2018 12:23 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

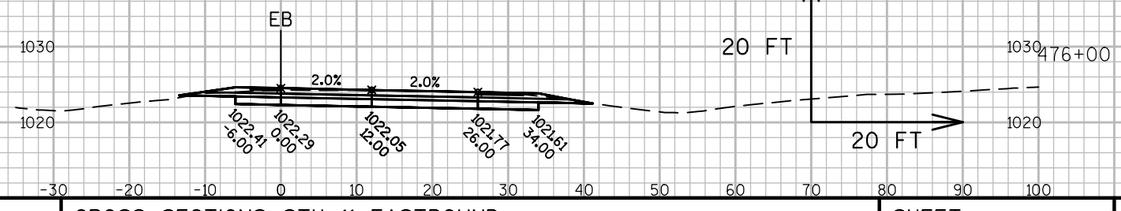












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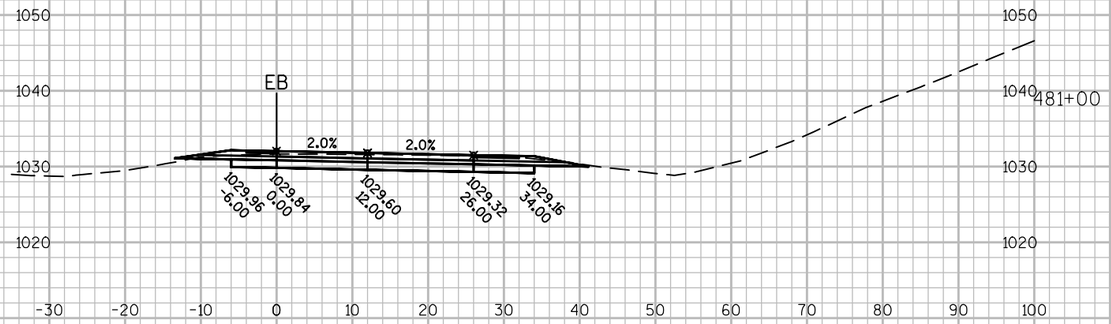
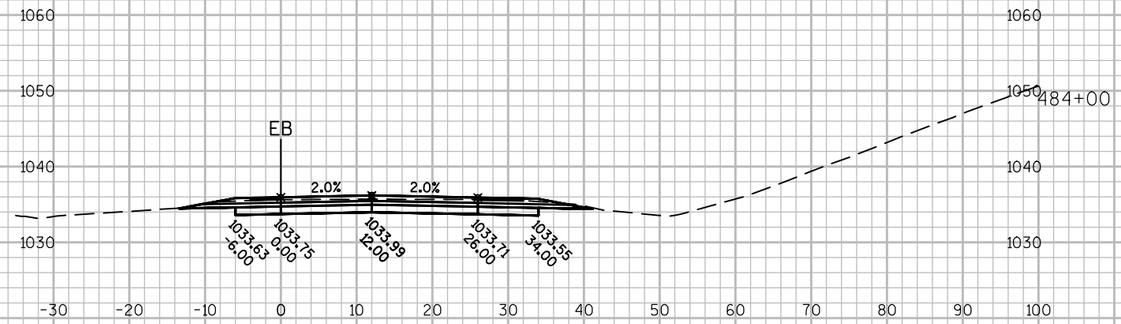
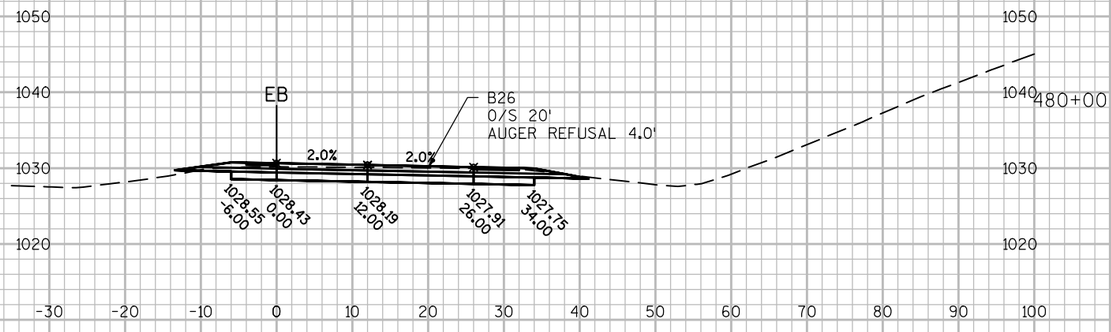
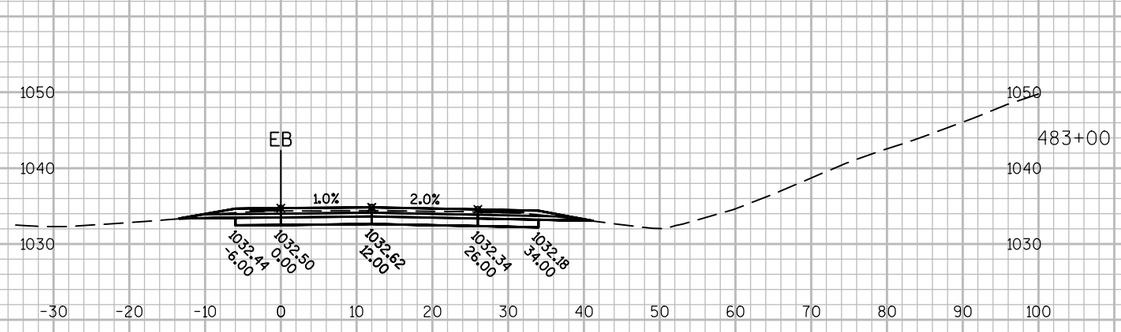
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 569	E

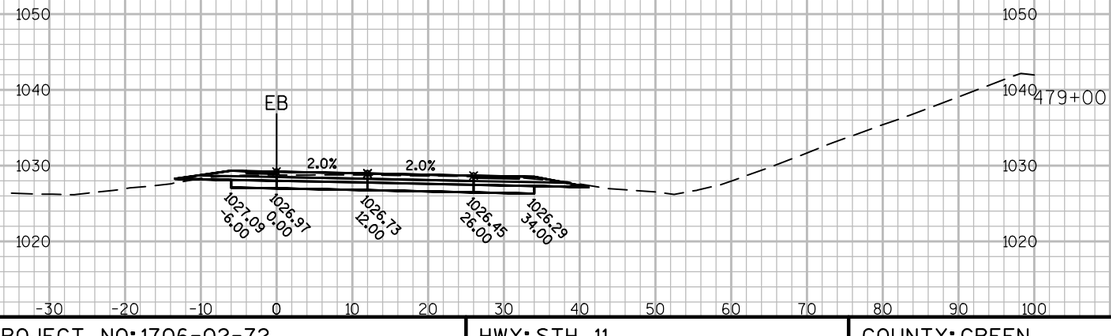
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (51)
PLOT DATE : 1/17/2018 12:23 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

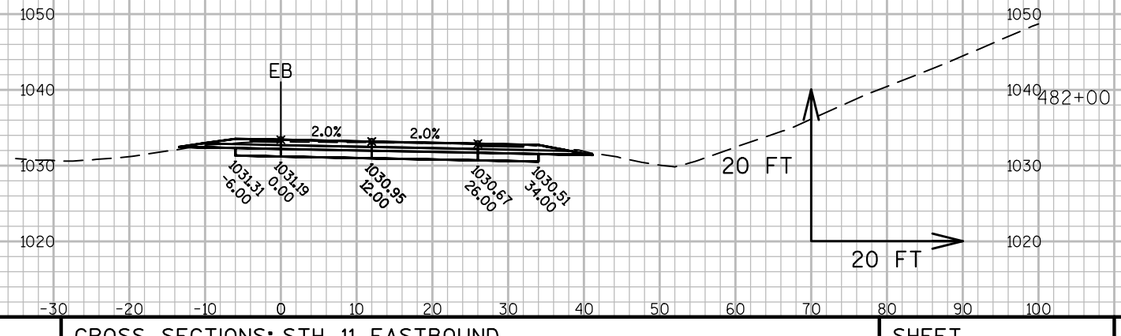












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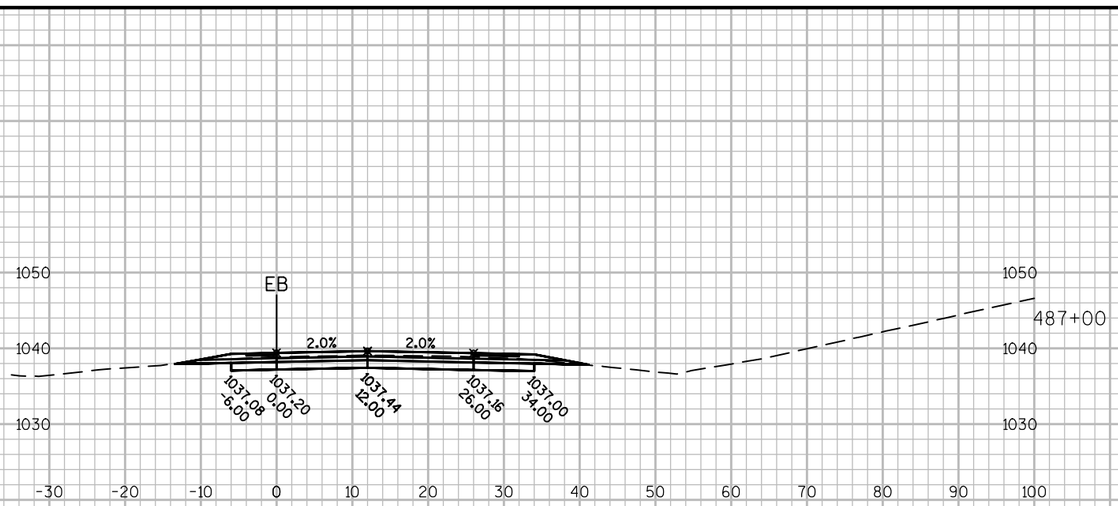
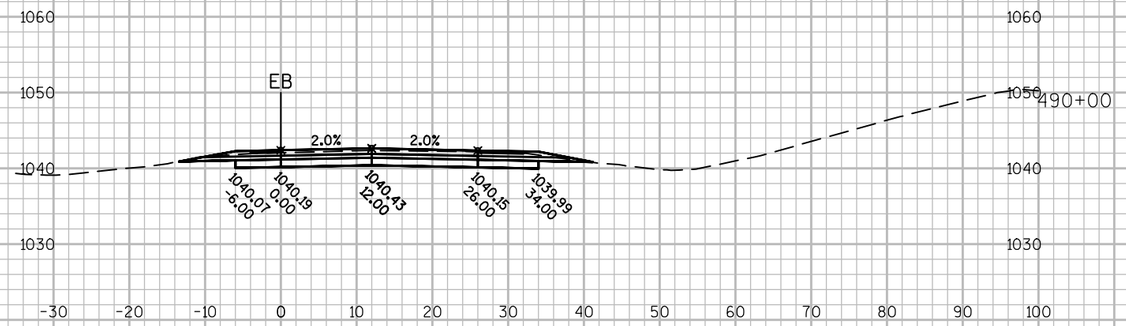
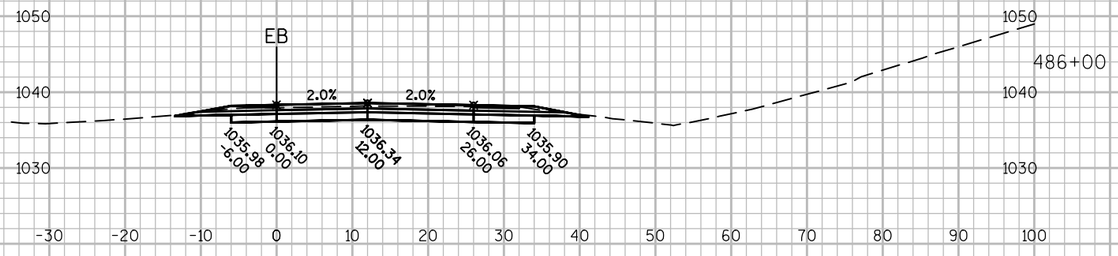
9

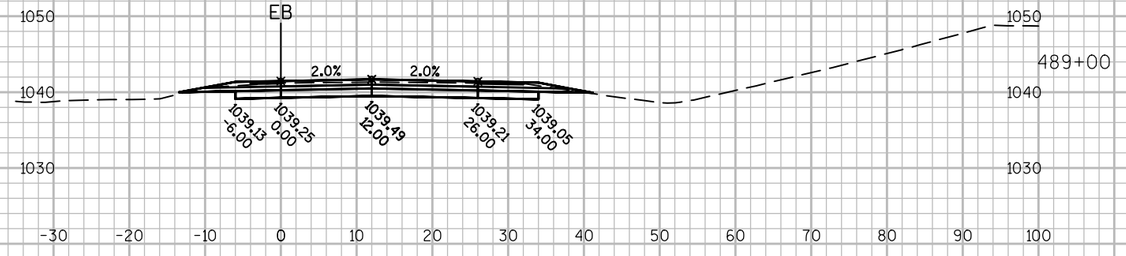
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 570	E

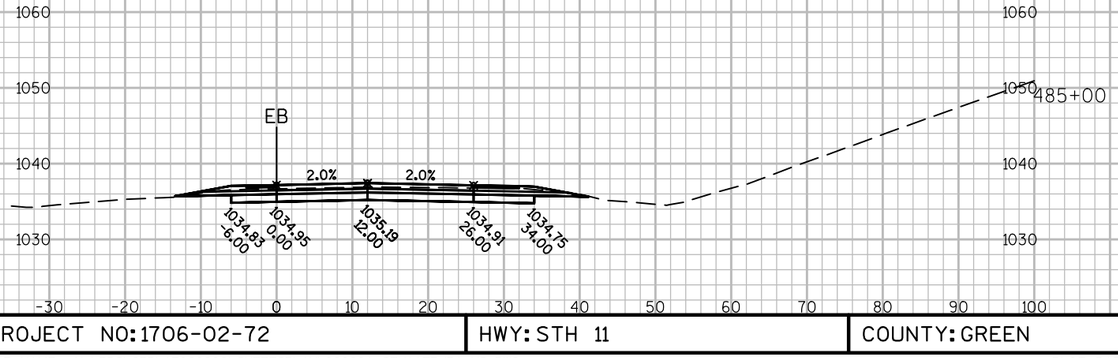
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (52)
PLOT DATE : 1/17/2018 12:23 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

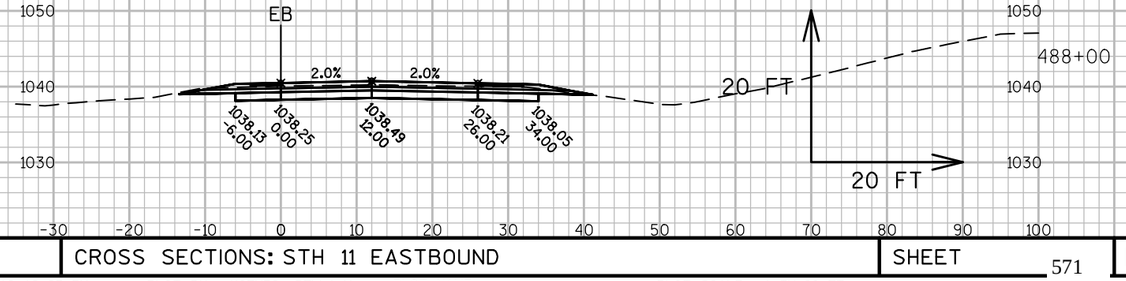












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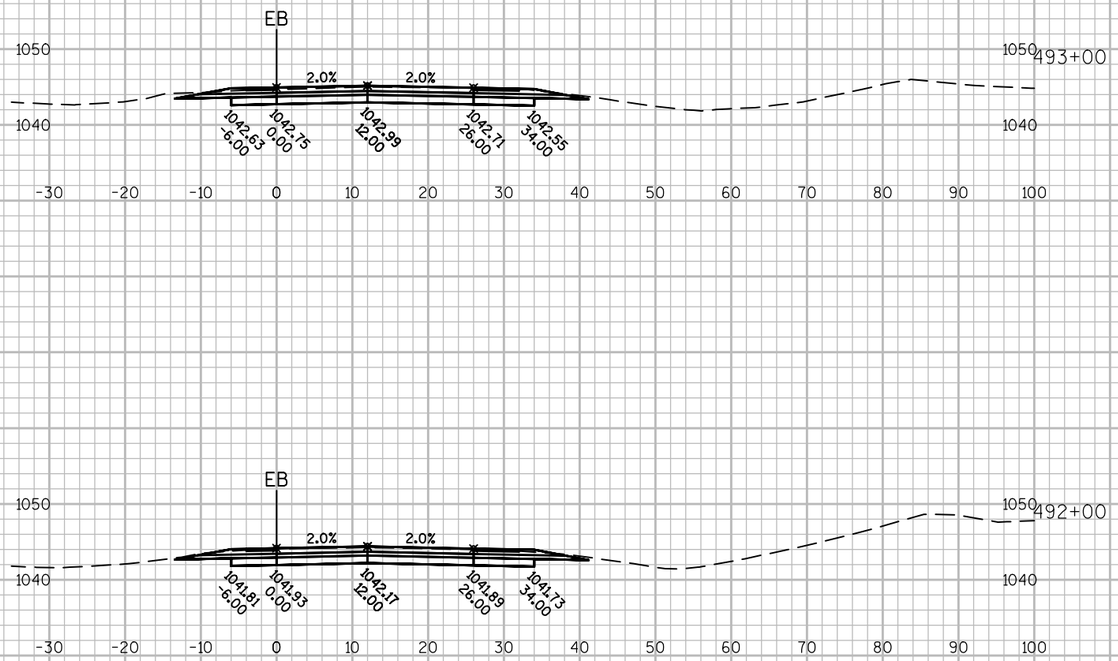
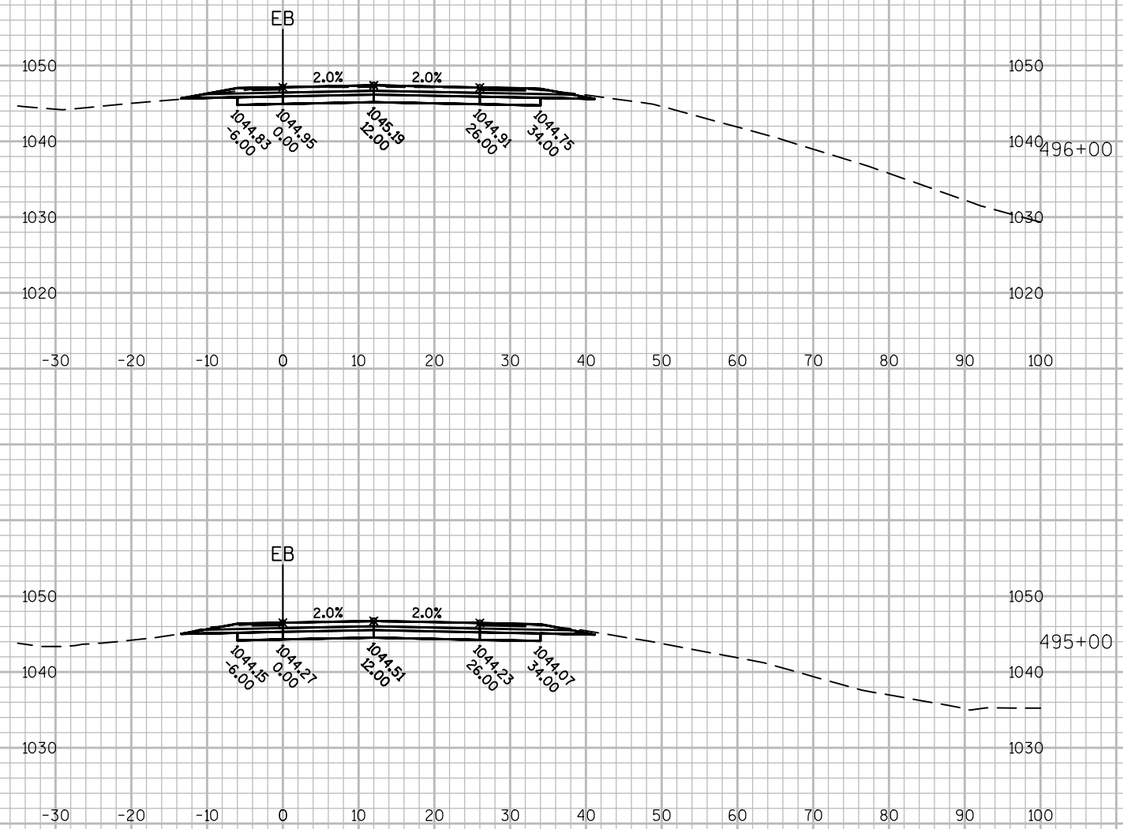
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 571	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (53)
PLOT DATE : 1/17/2018 12:23 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



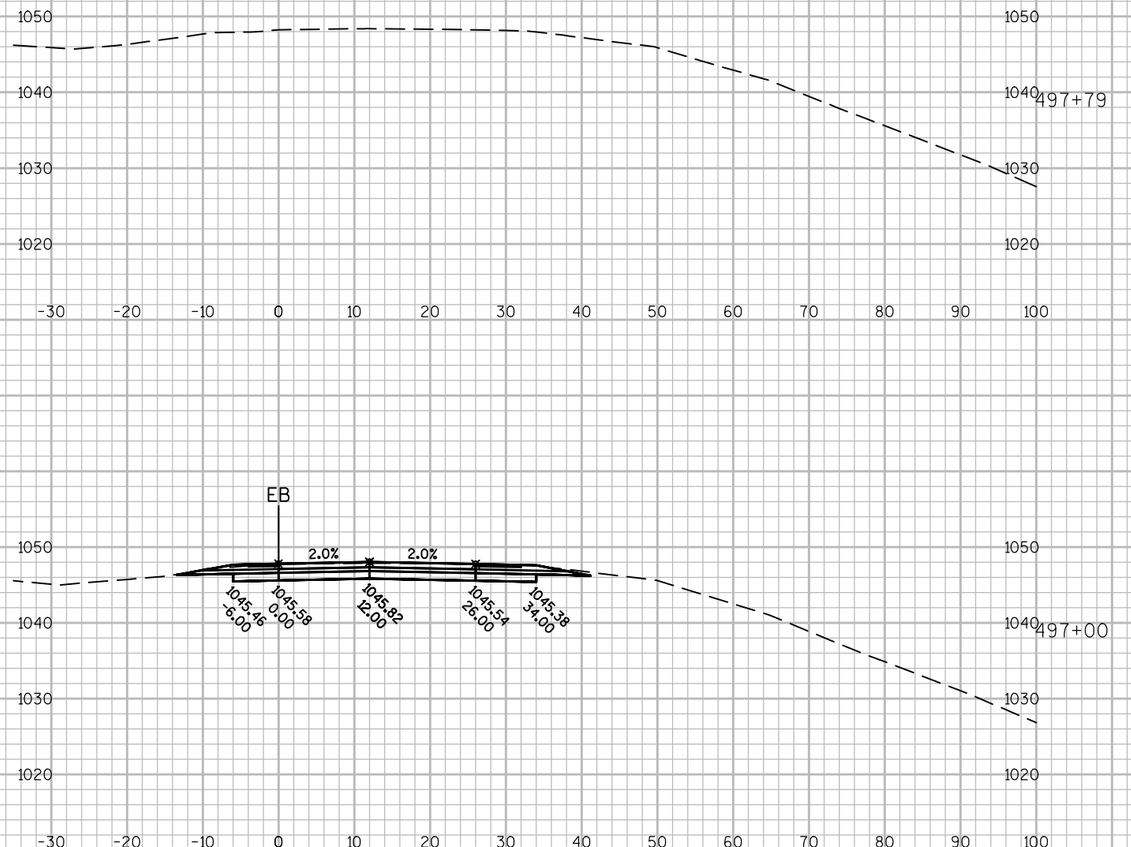


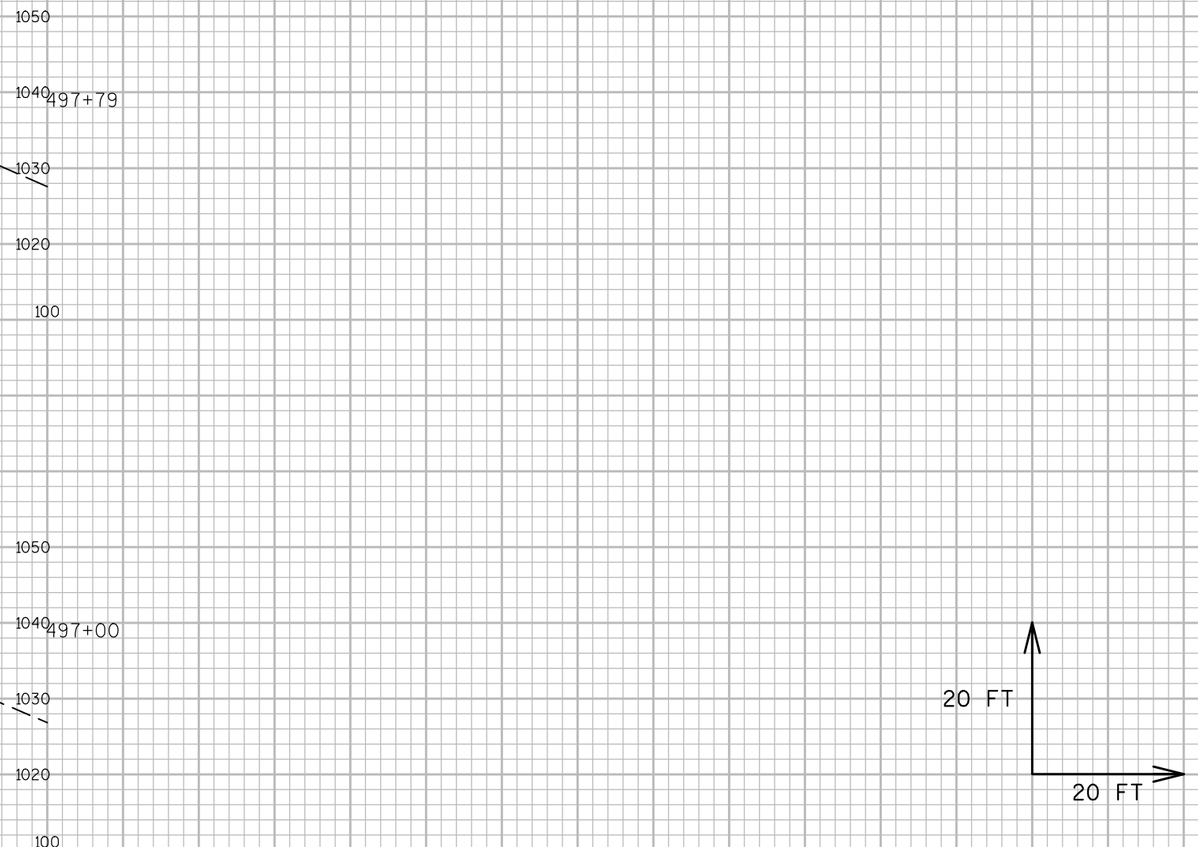
9

9

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 572	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (54)
PLOT DATE : 1/17/2018 12:23 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49





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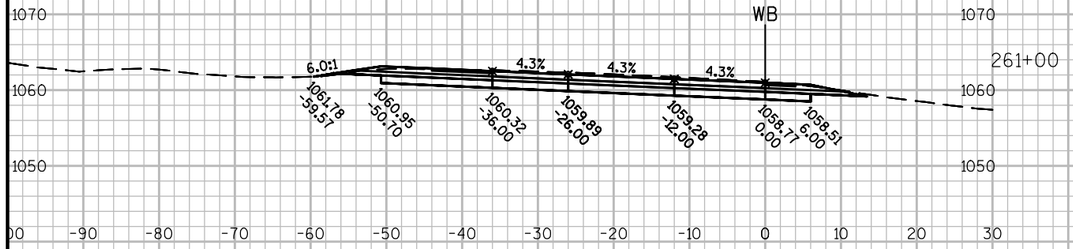
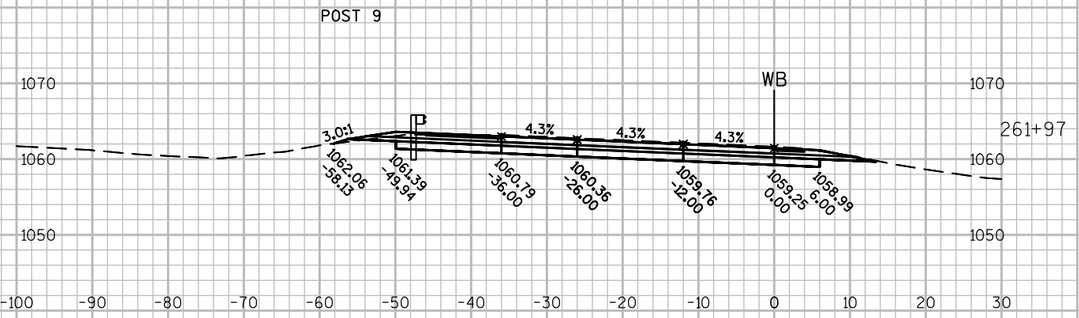
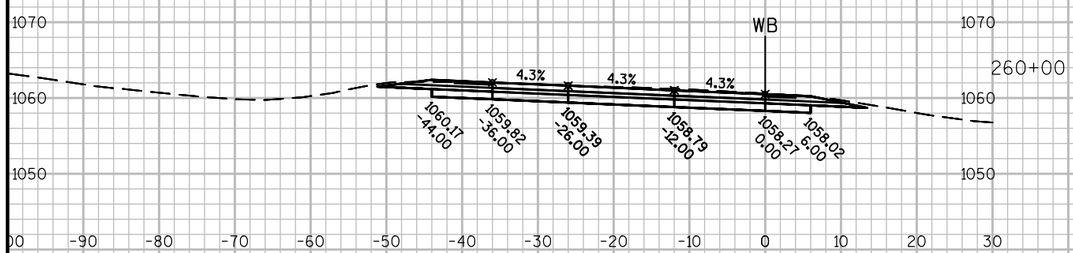
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 EASTBOUND	SHEET 573	E

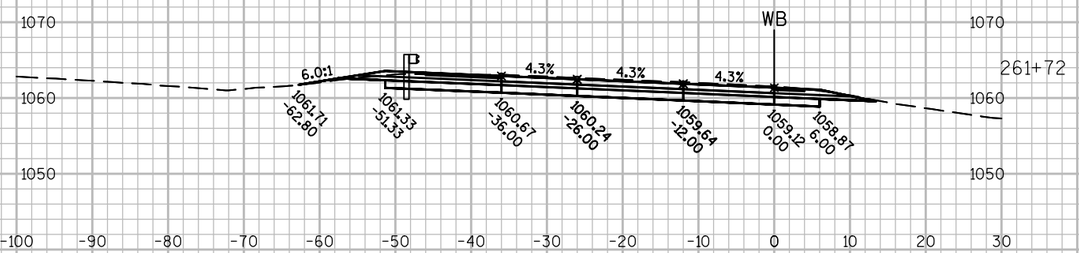
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11EB(5)-XS.DWG
LAYOUT NAME - EB - (55)

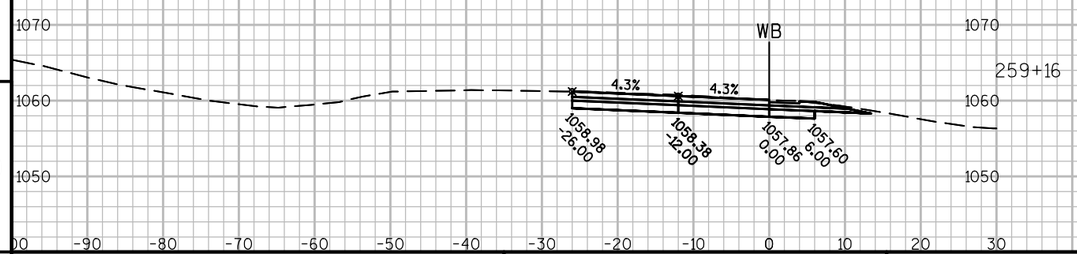
PLOT DATE : 1/17/2018 12:24 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

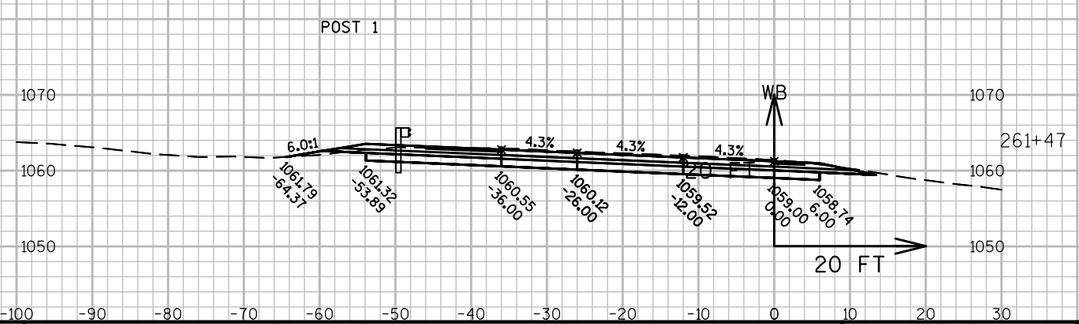












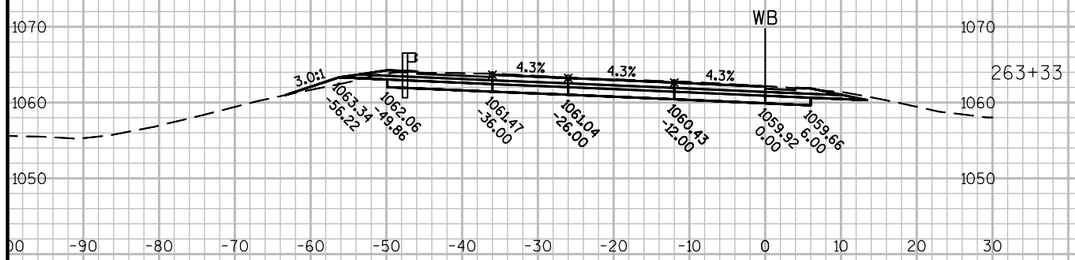
9

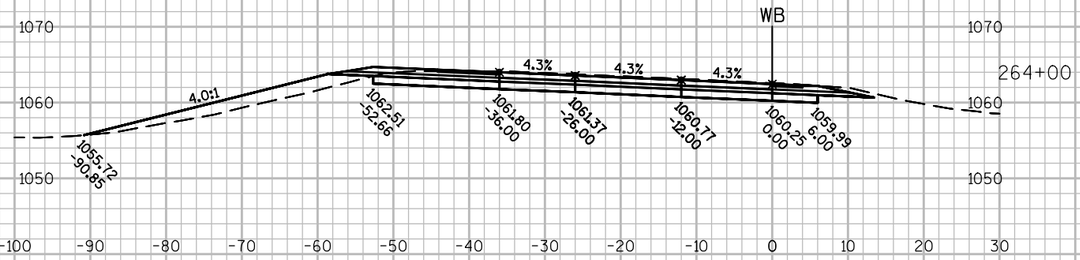
9

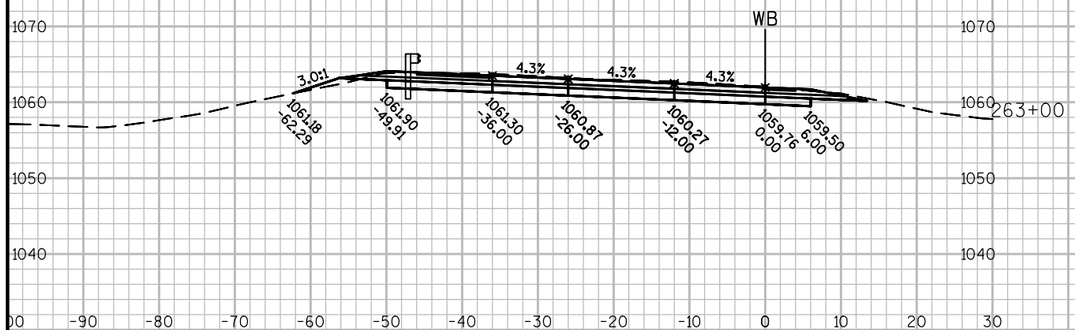
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 574	E

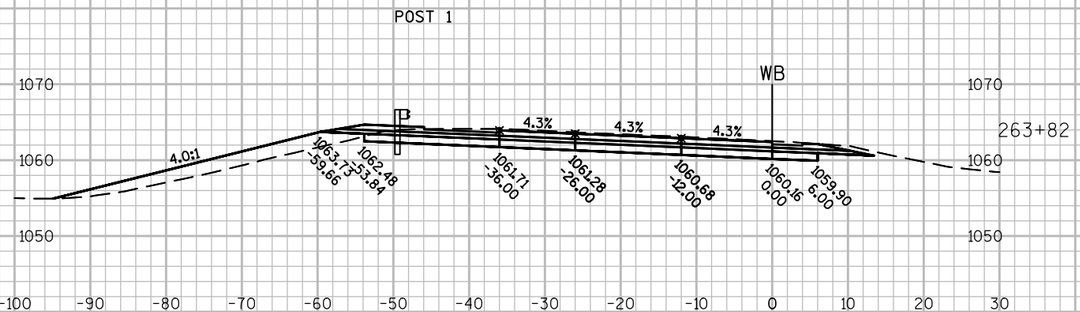
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (1)
PLOT DATE : 1/22/2018 8:29 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

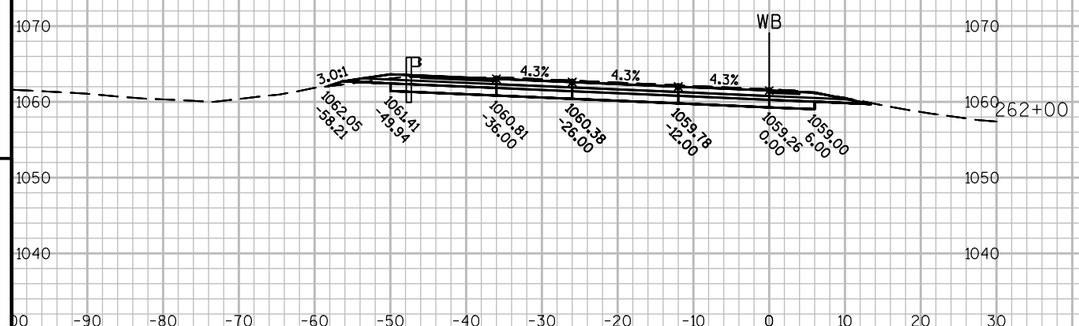
POST 9

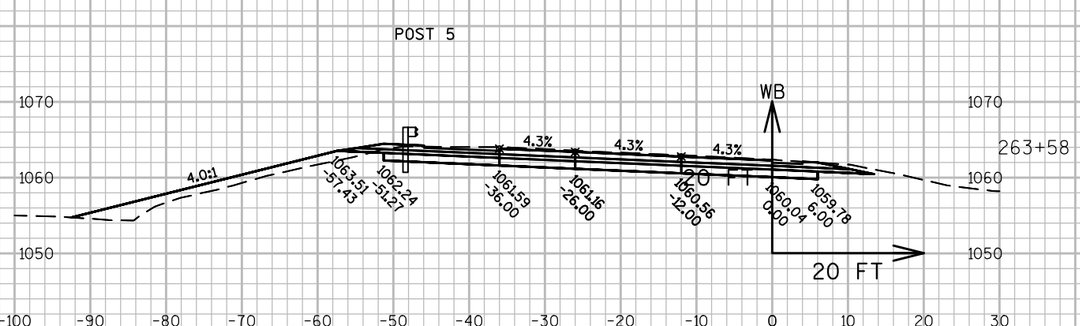












9

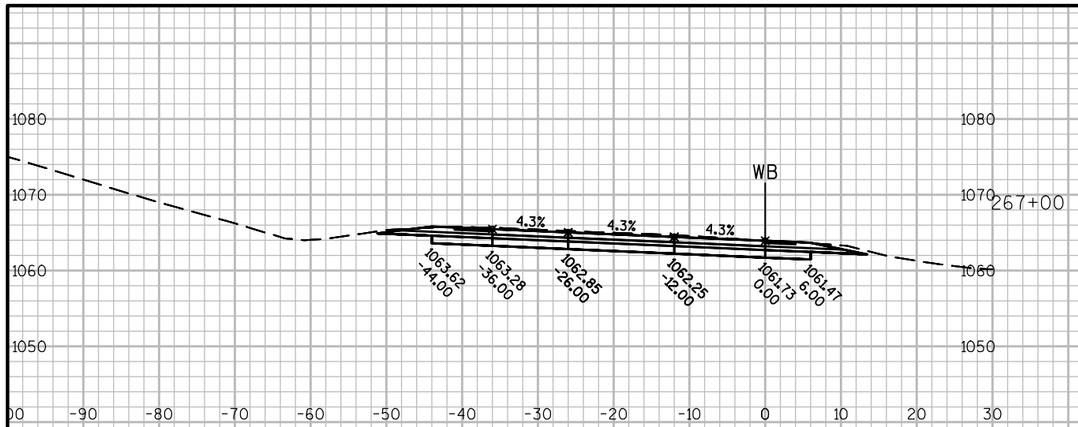
9

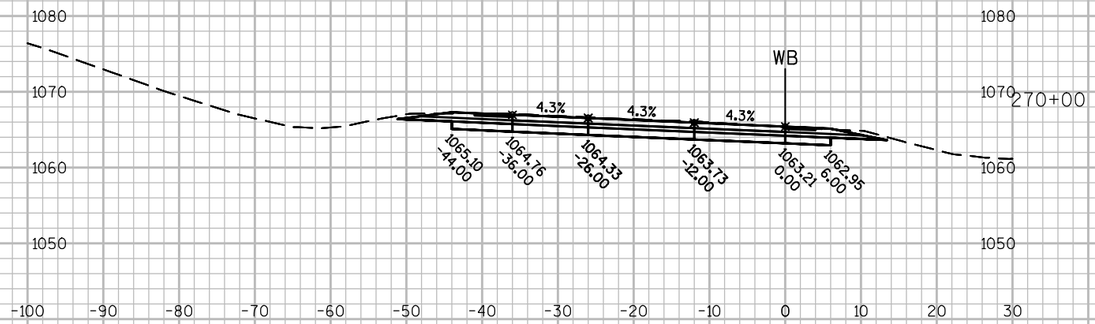
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 575	E

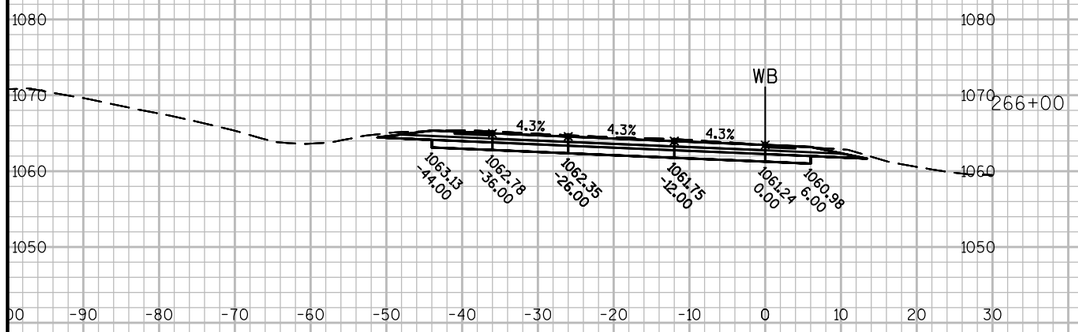
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (2)

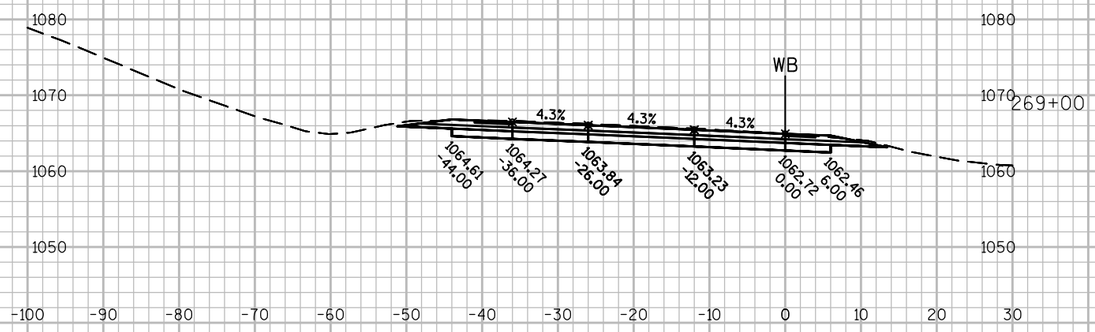
PLOT DATE : 1/22/2018 8:30 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

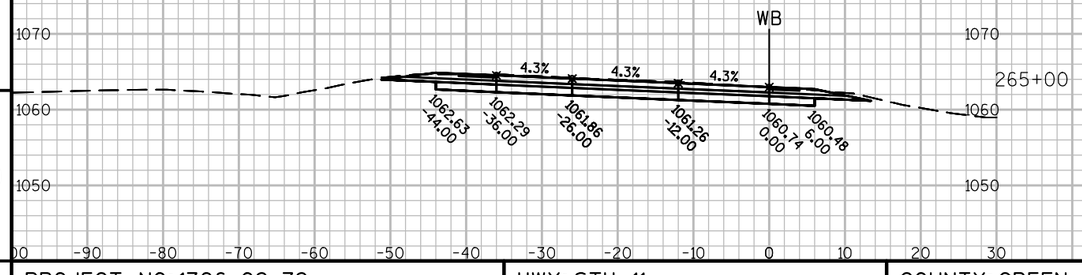
WISDOT/CADDS SHEET 49

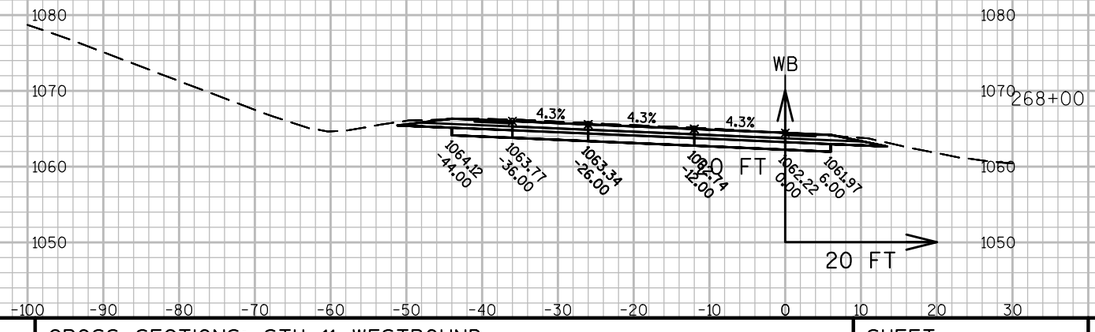












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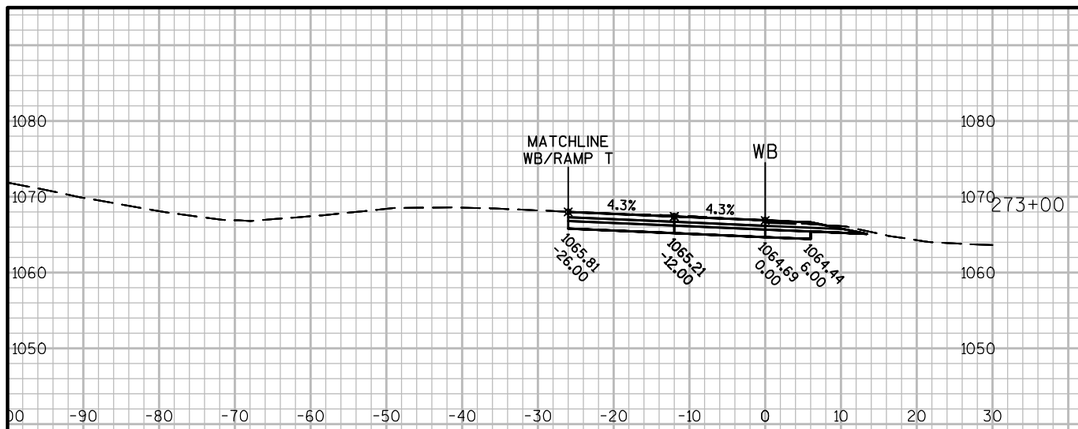
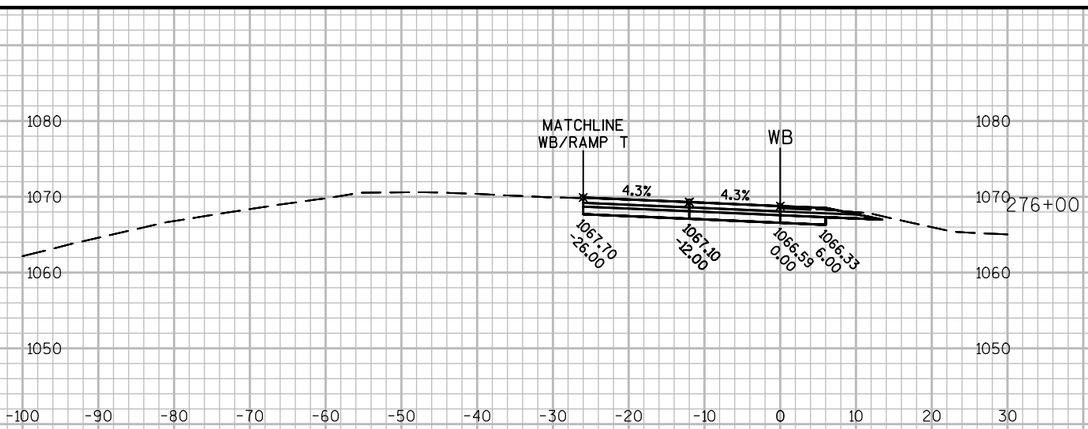
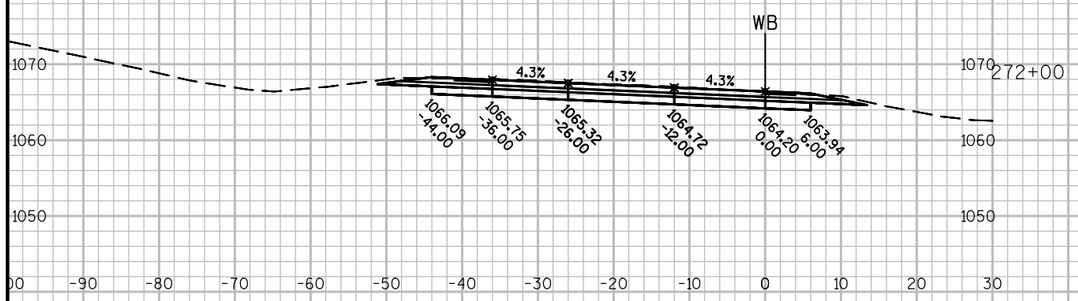
9

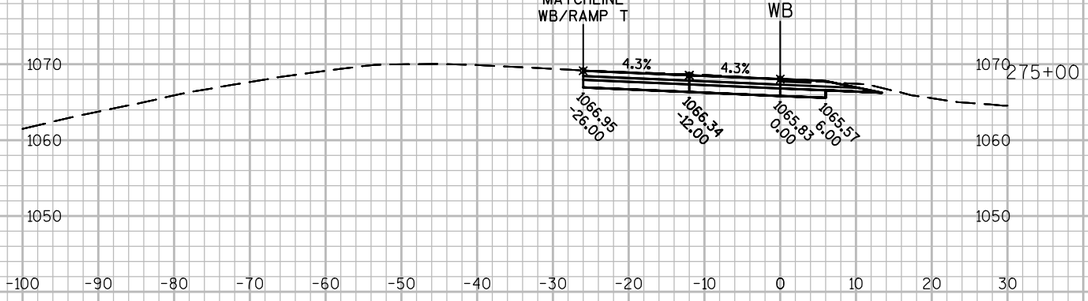
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 576	E

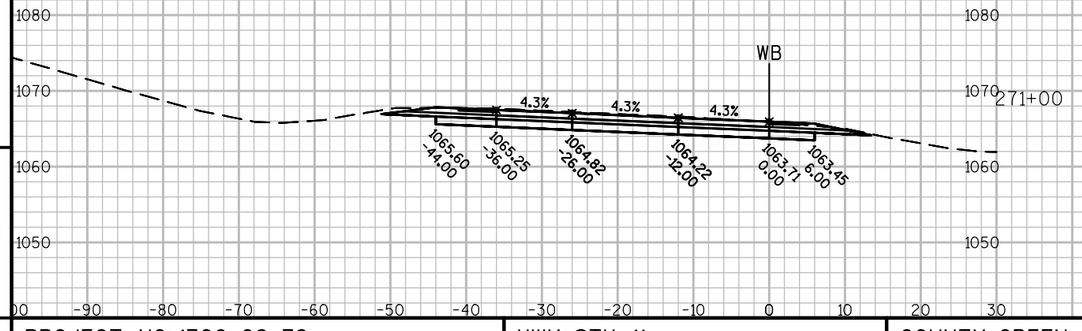
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (3)
PLOT DATE : 1/22/2018 8:32 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

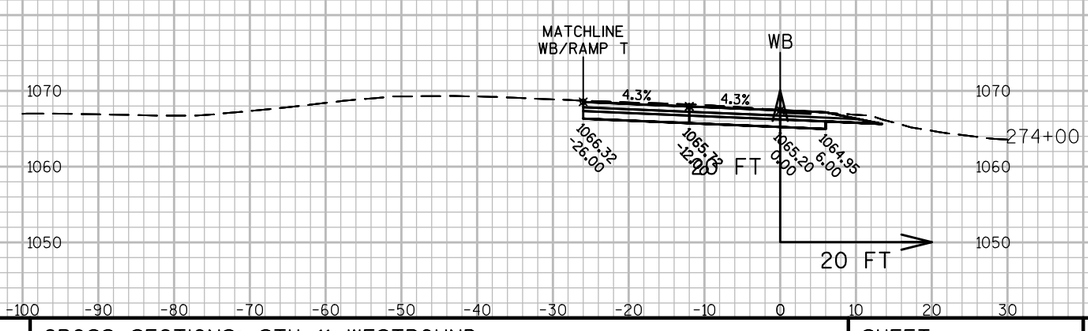












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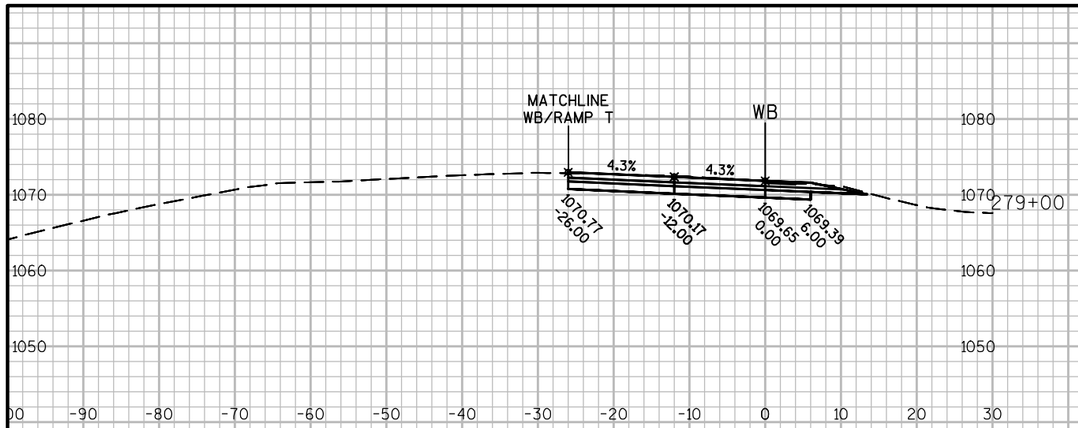
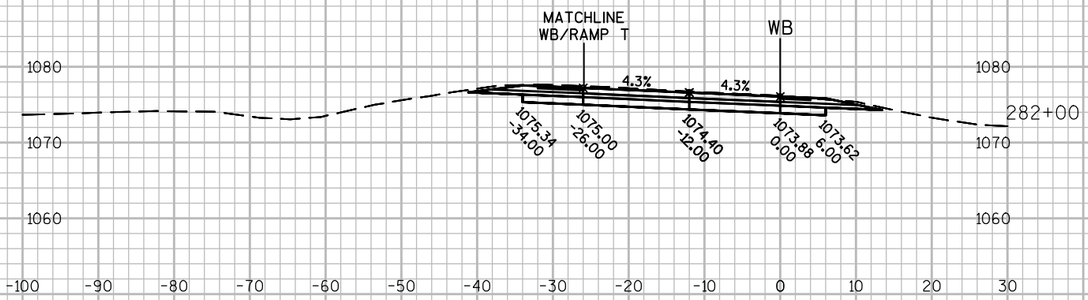
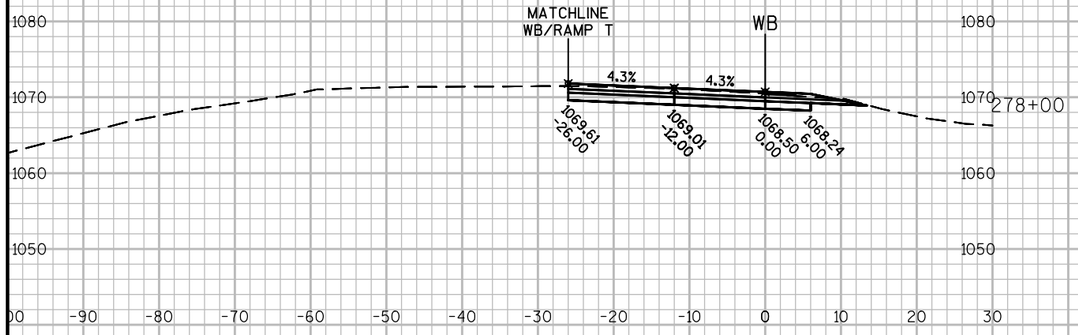
9

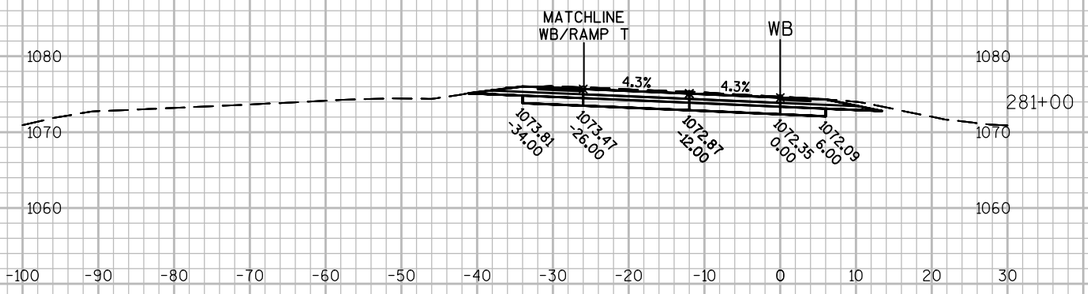
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 577	E

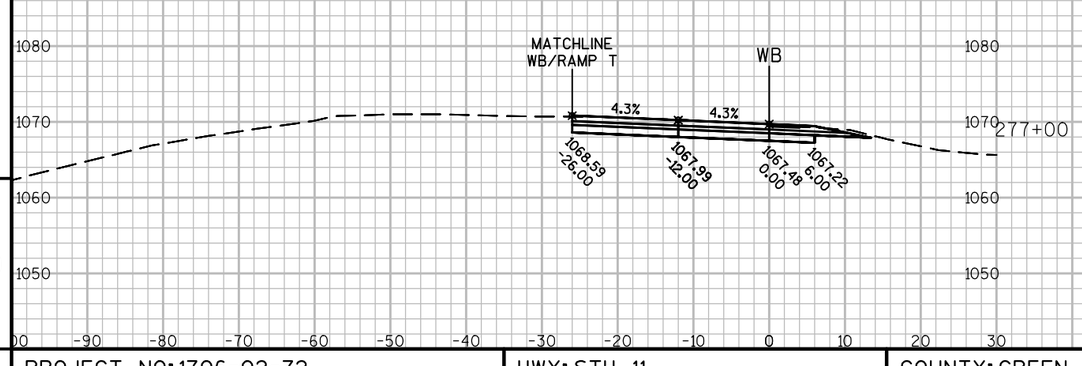
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (4)
PLOT DATE : 1/22/2018 8:33 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

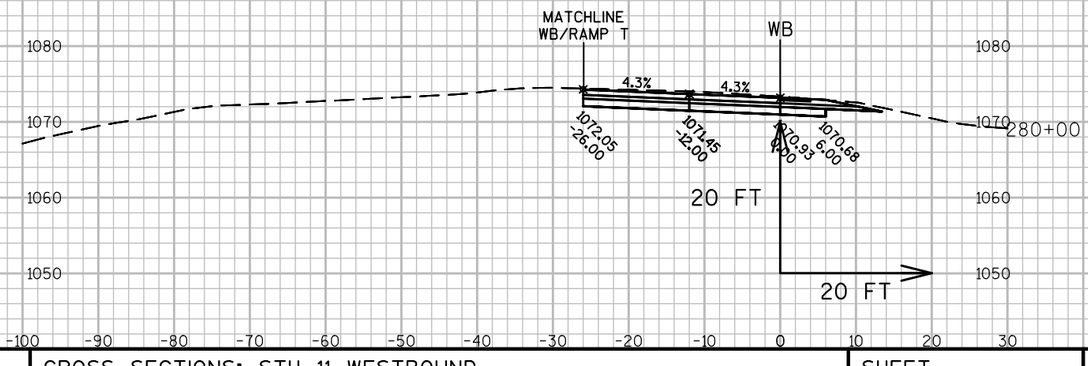










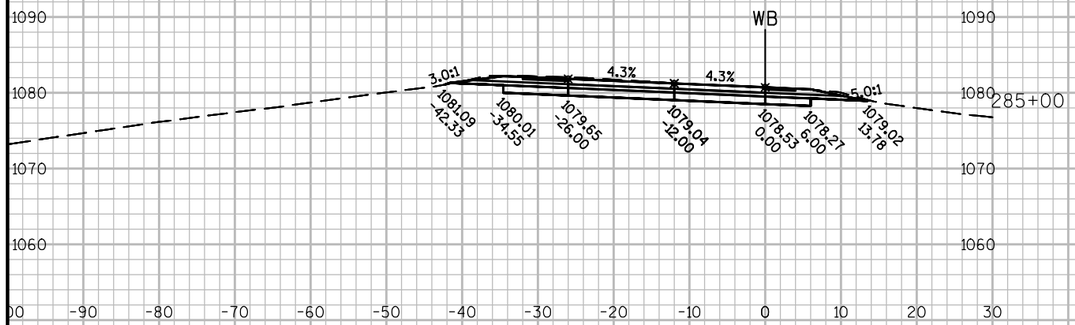


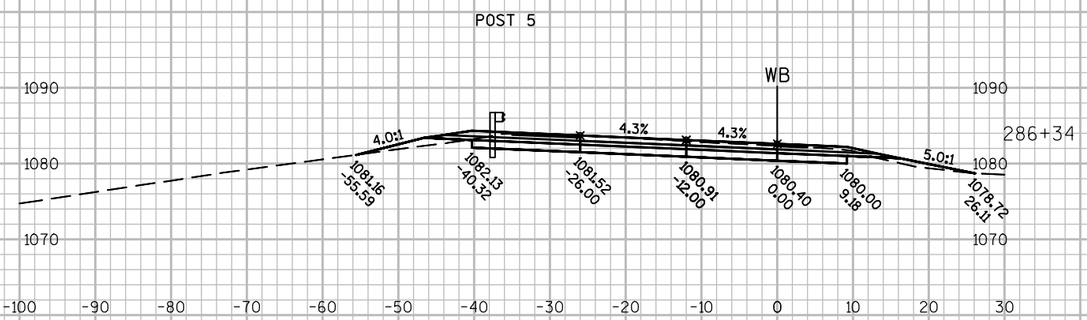
9

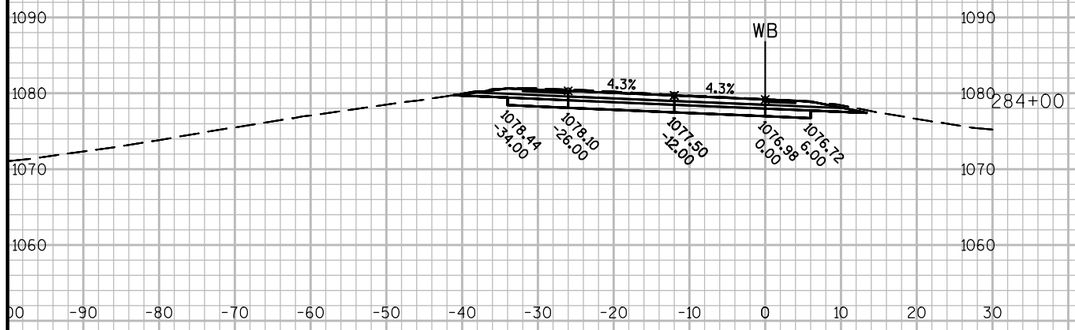
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 578	E

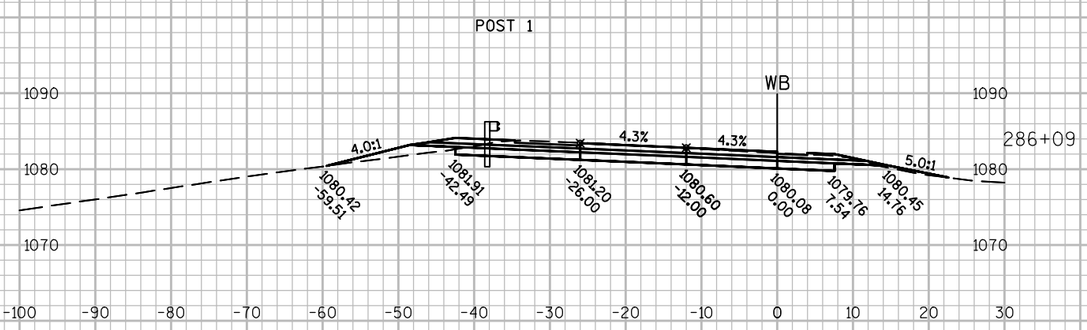
9

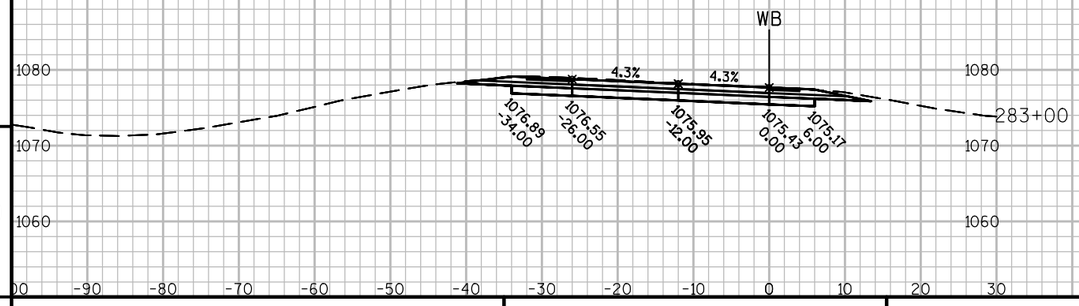
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (5)
PLOT DATE : 1/22/2018 8:34 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

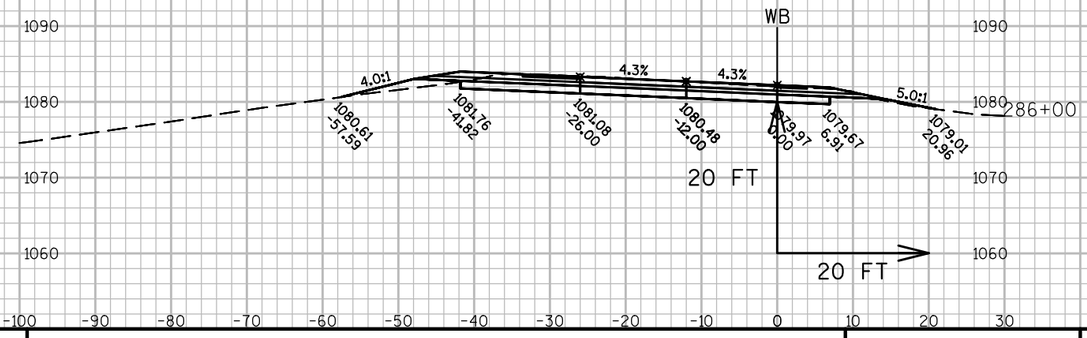












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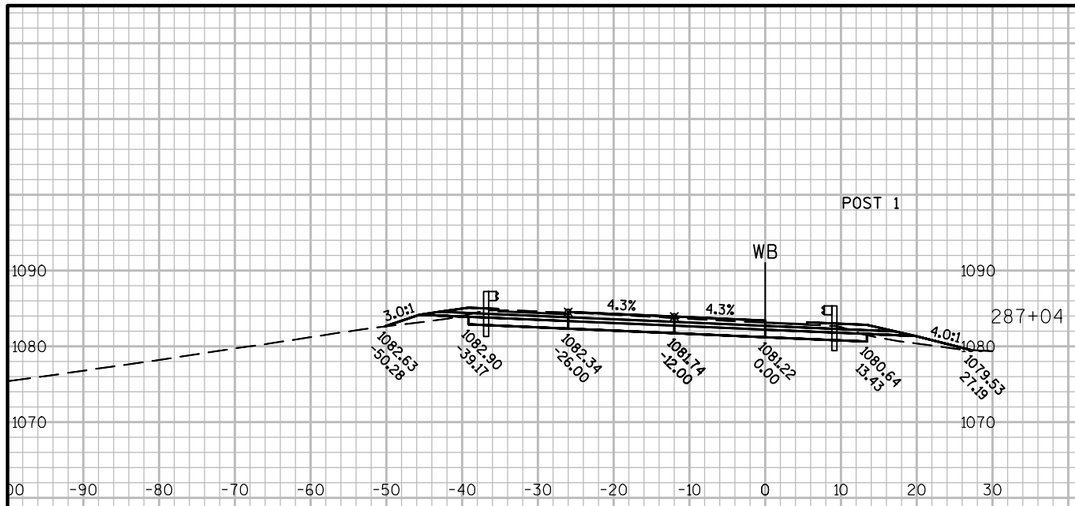
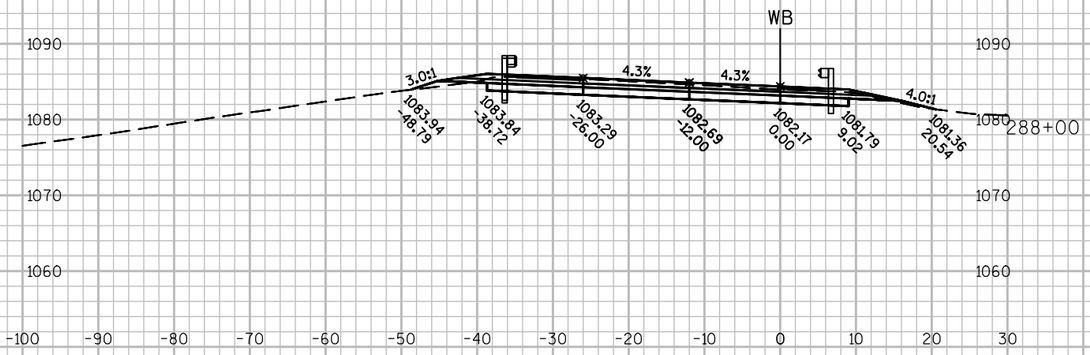
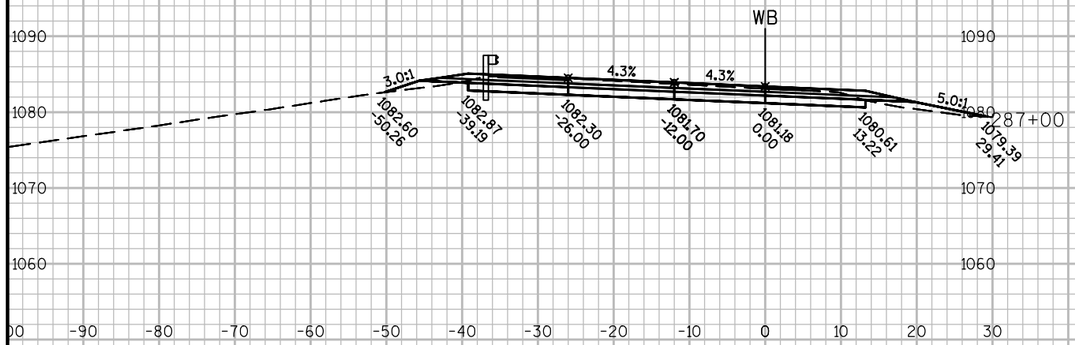
9

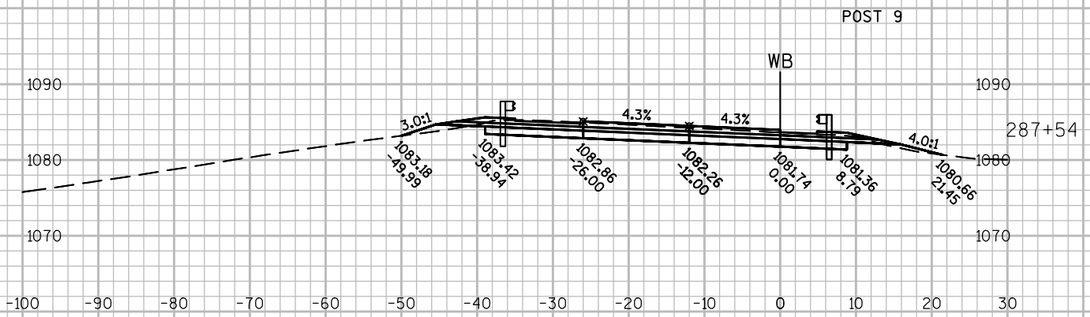
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 579	E

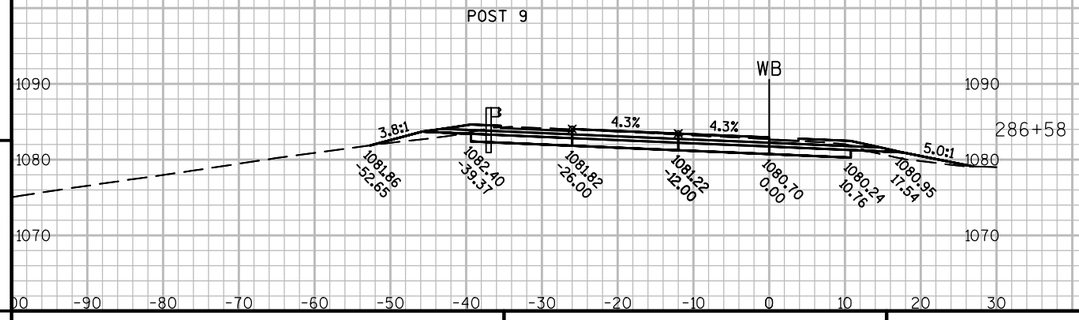
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (6)
PLOT DATE : 1/22/2018 8:36 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

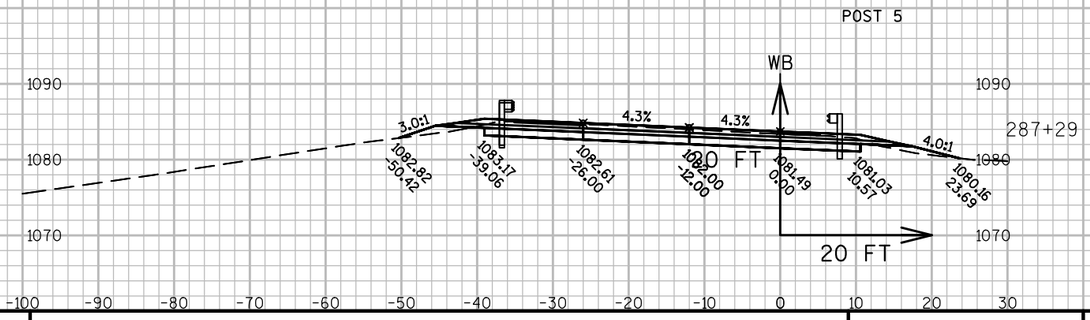










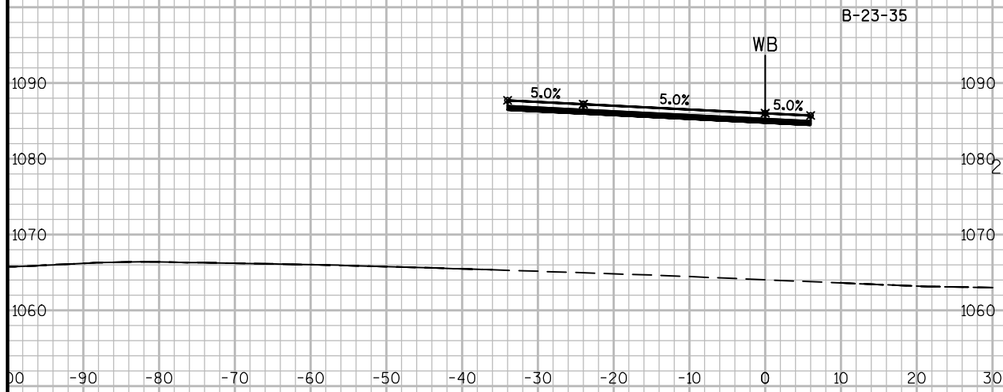


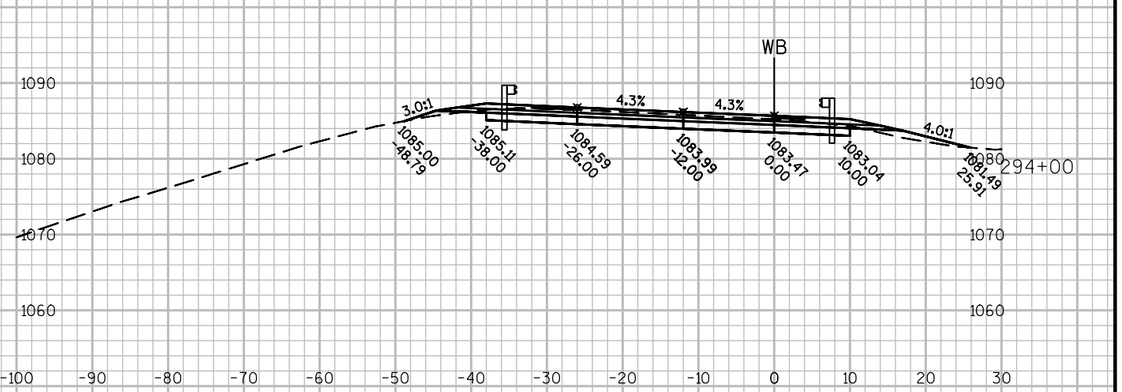
9

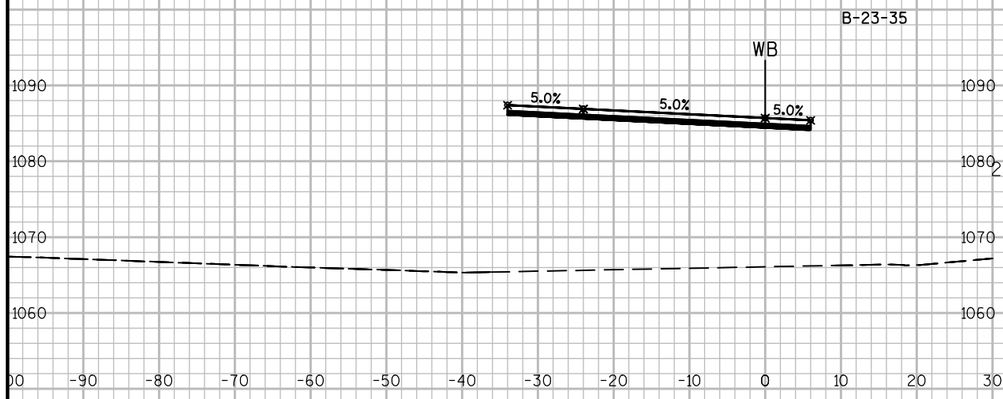
9

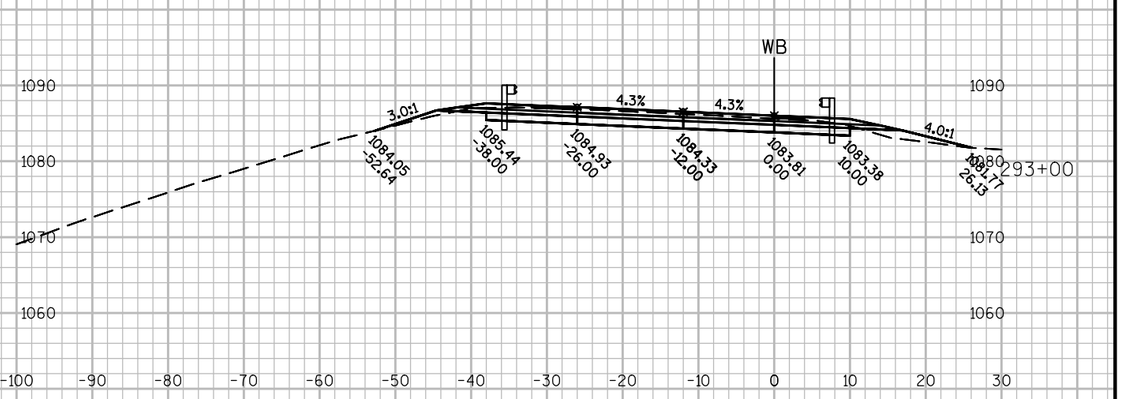
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 580	E

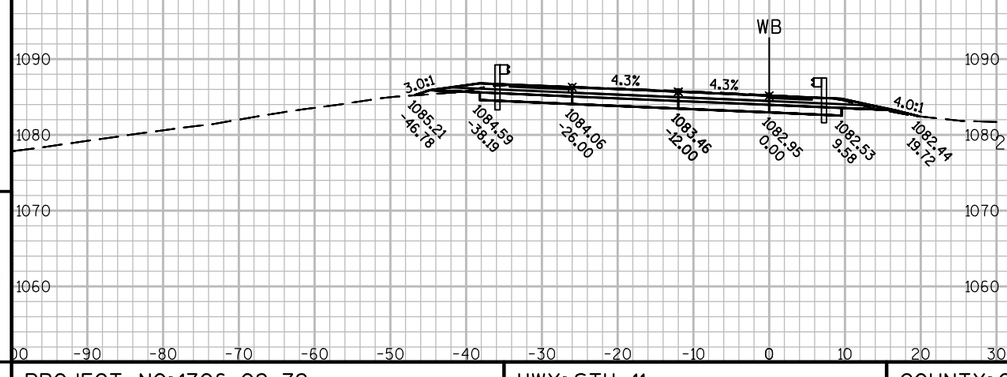
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (7)
PLOT DATE : 1/22/2018 8:37 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

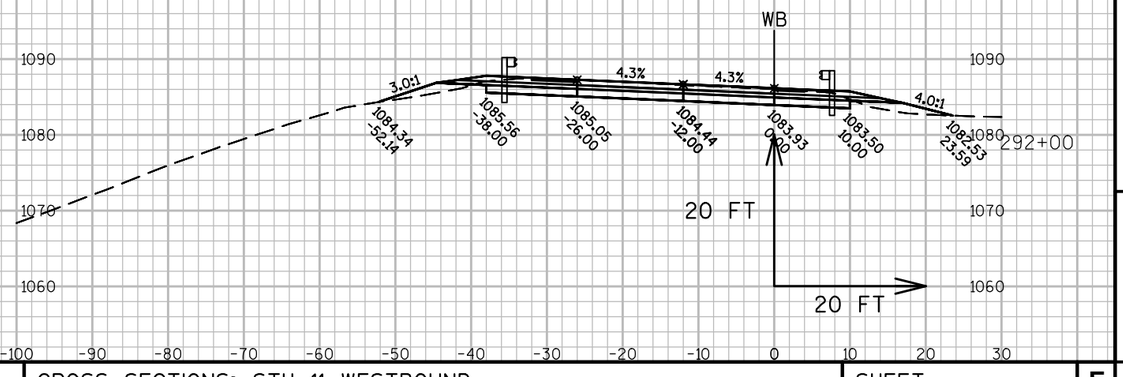












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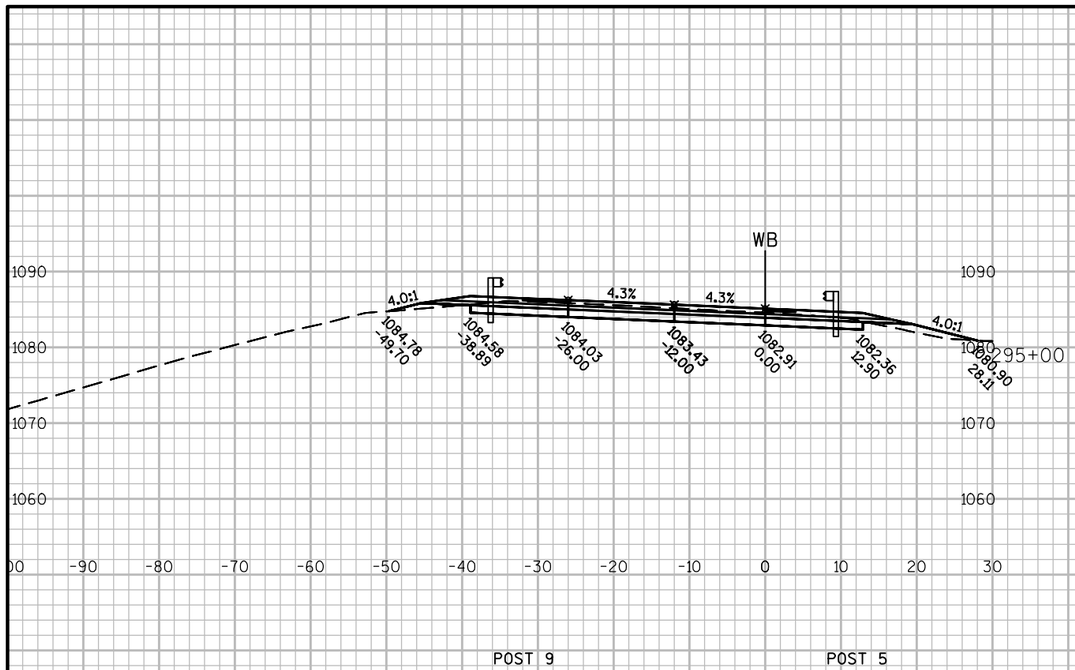
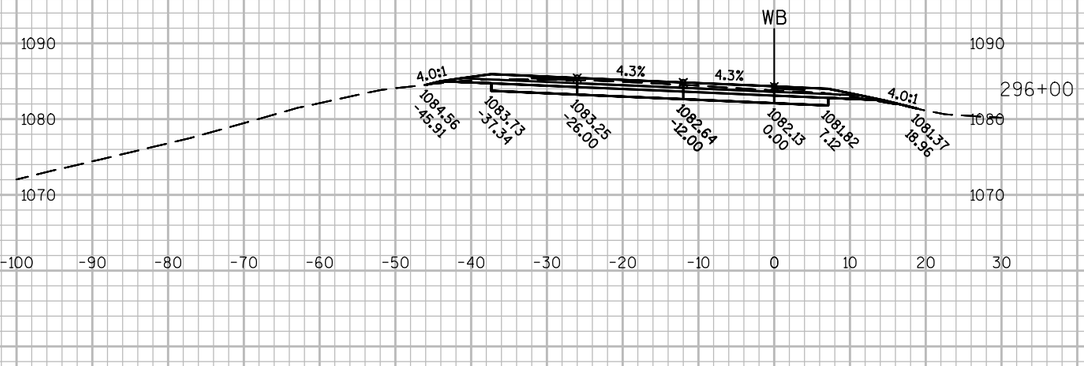
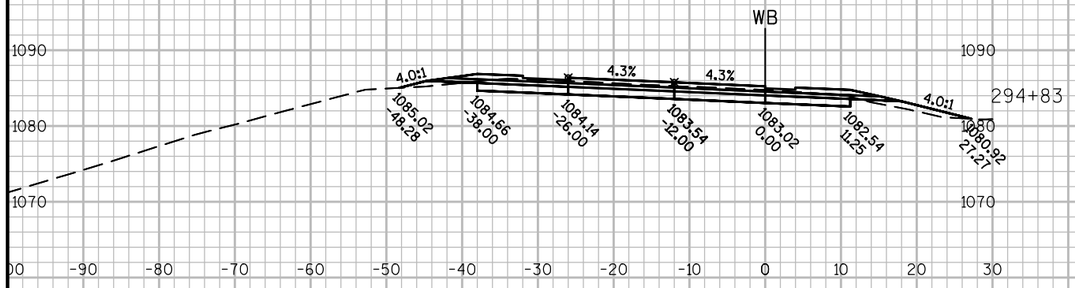
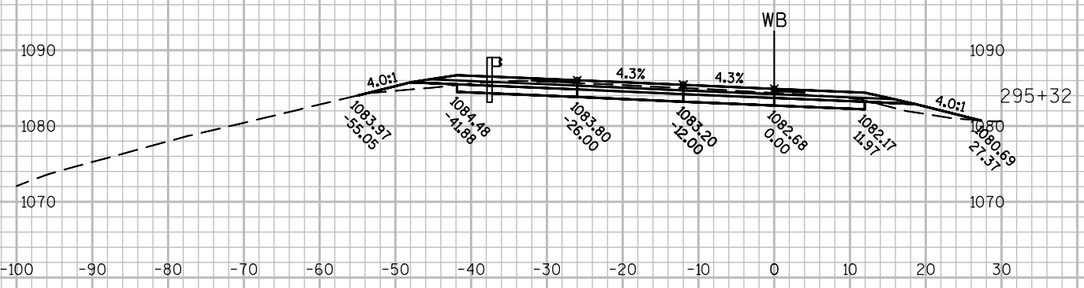
9

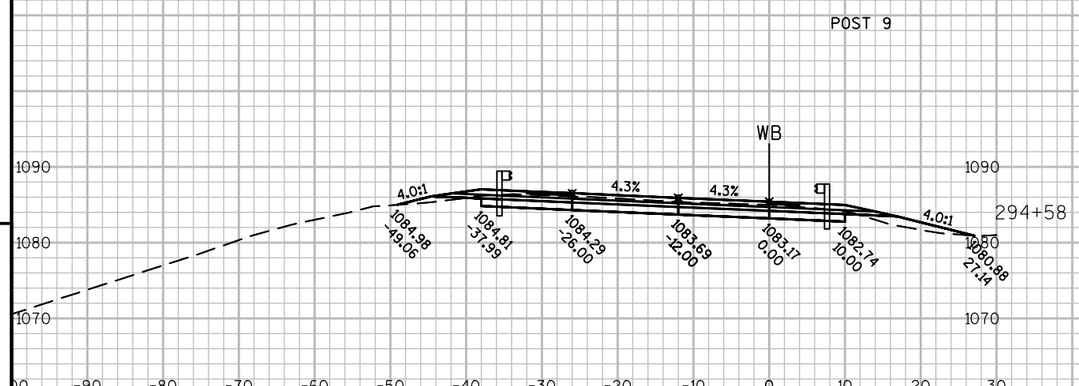
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 581	E

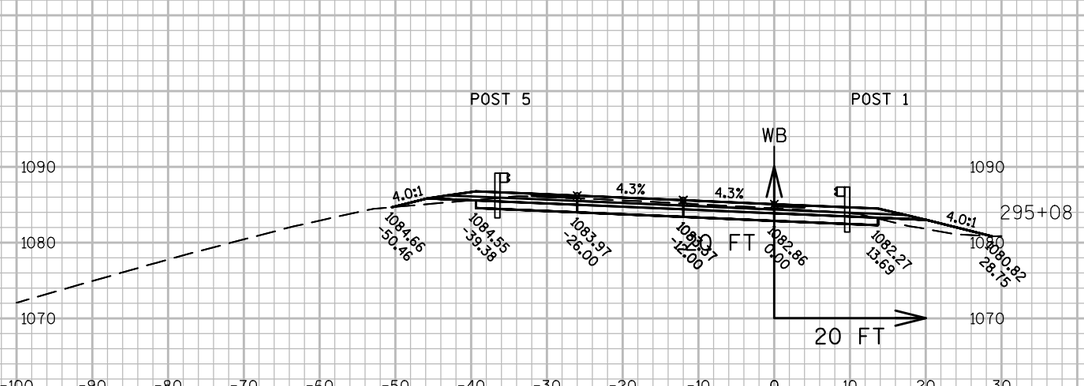










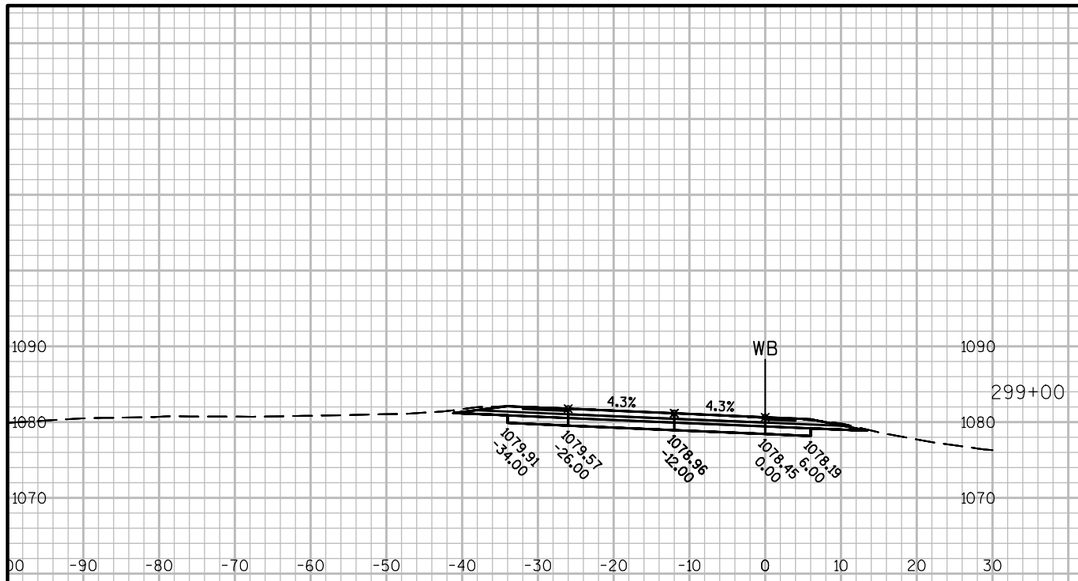


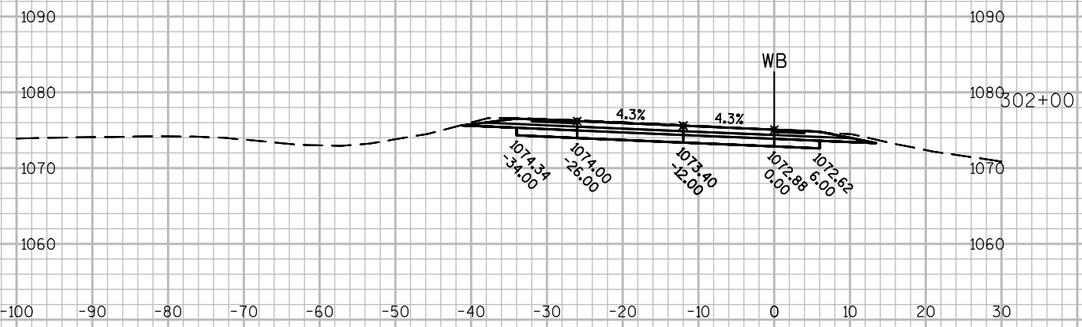
9

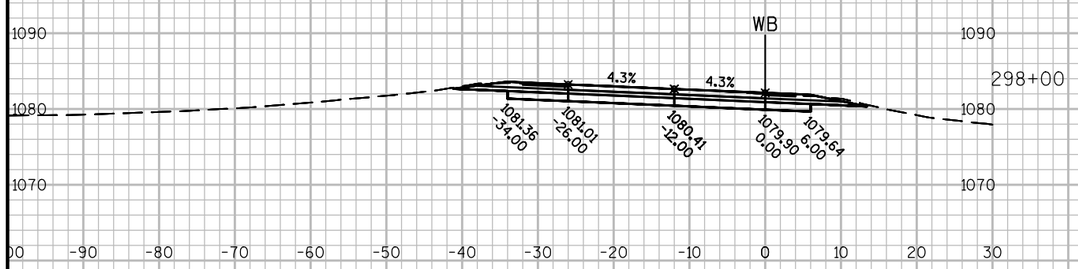
9

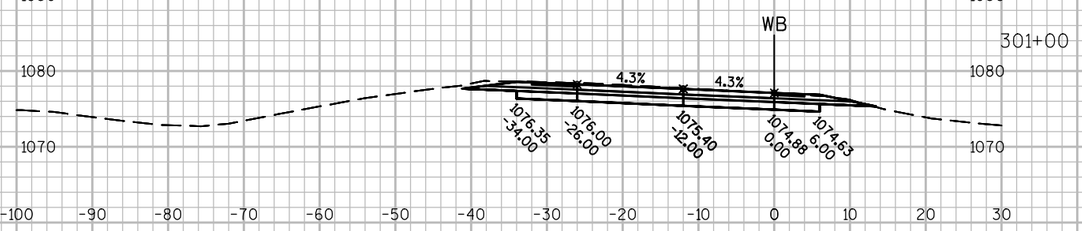
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 582	E

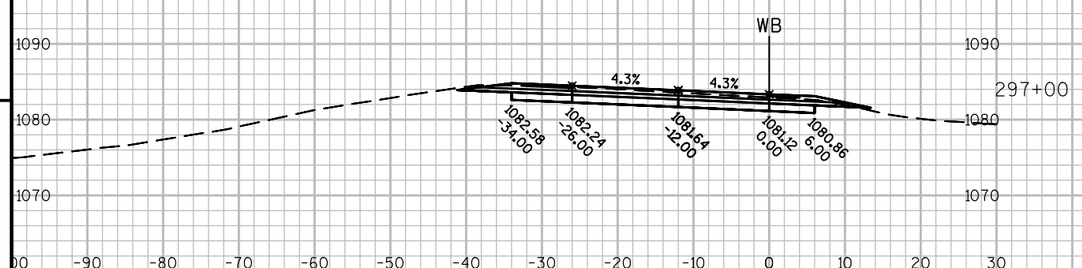
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (9)
PLOT DATE : 1/22/2018 8:40 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

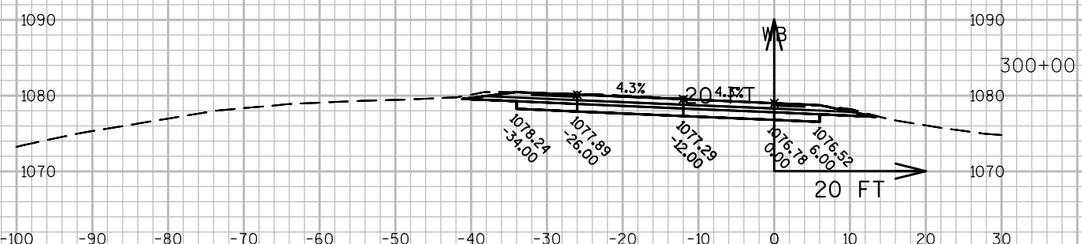












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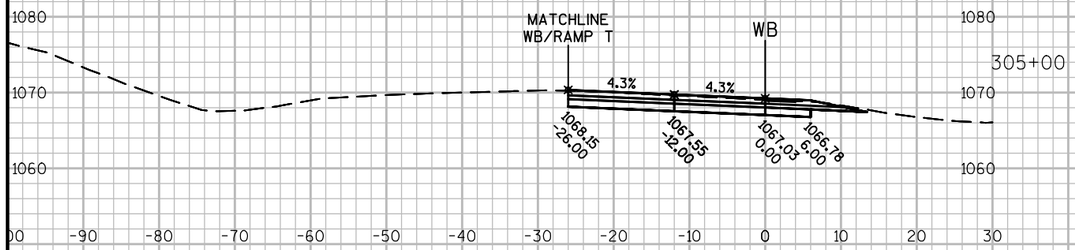
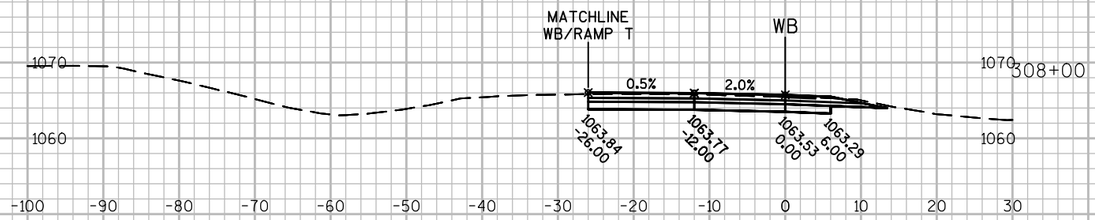
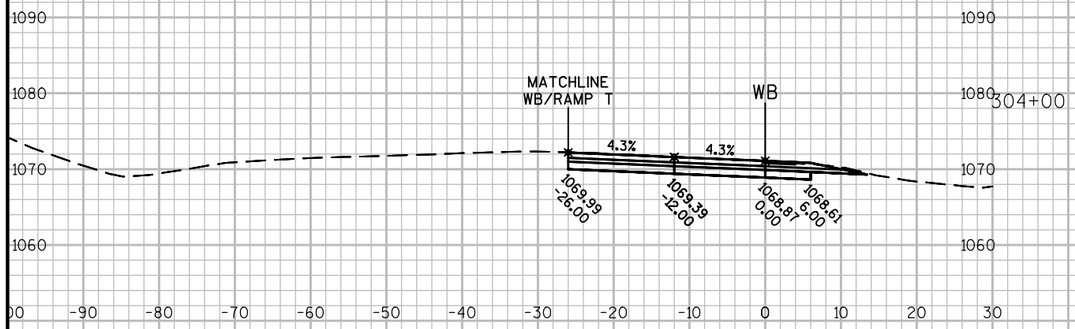
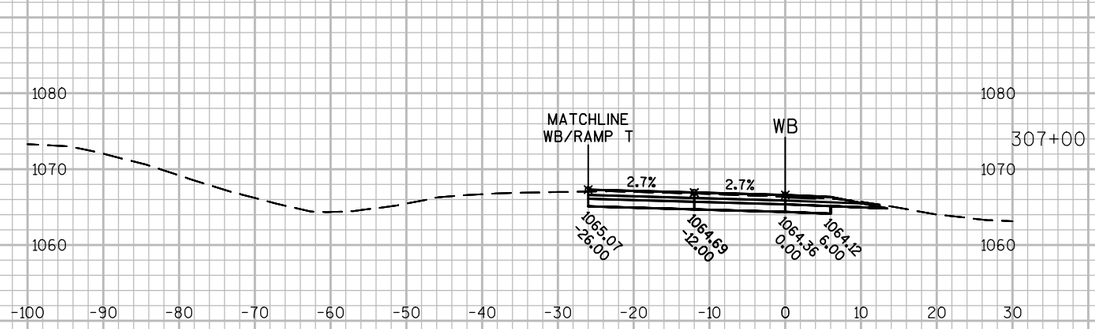
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 583	E

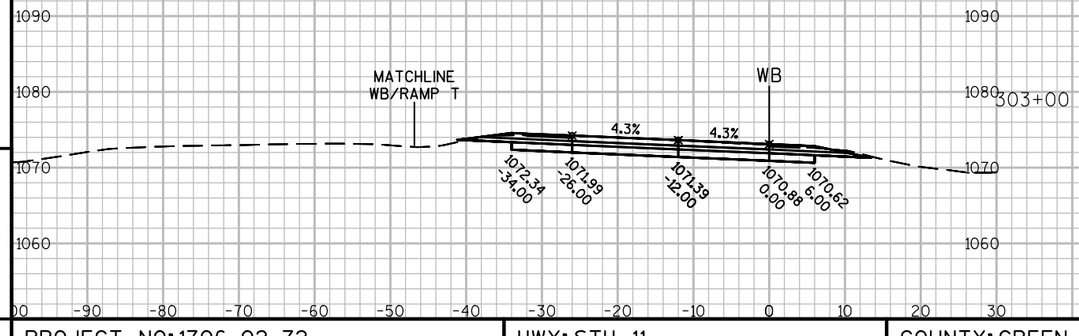
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (10)
PLOT DATE : 1/22/2018 8:41 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

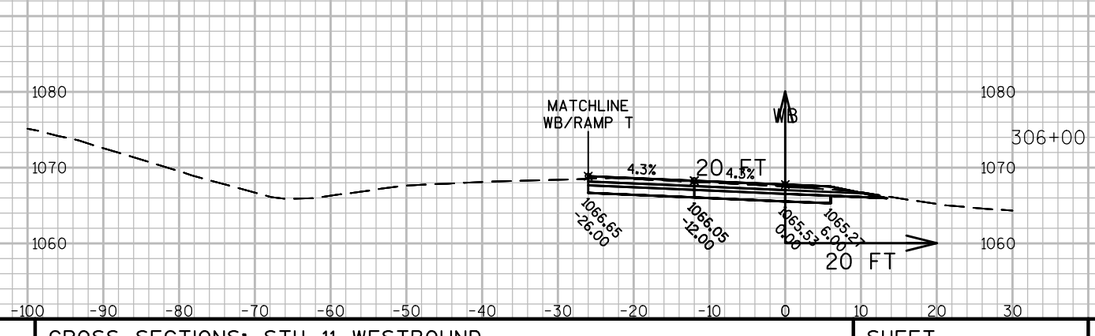












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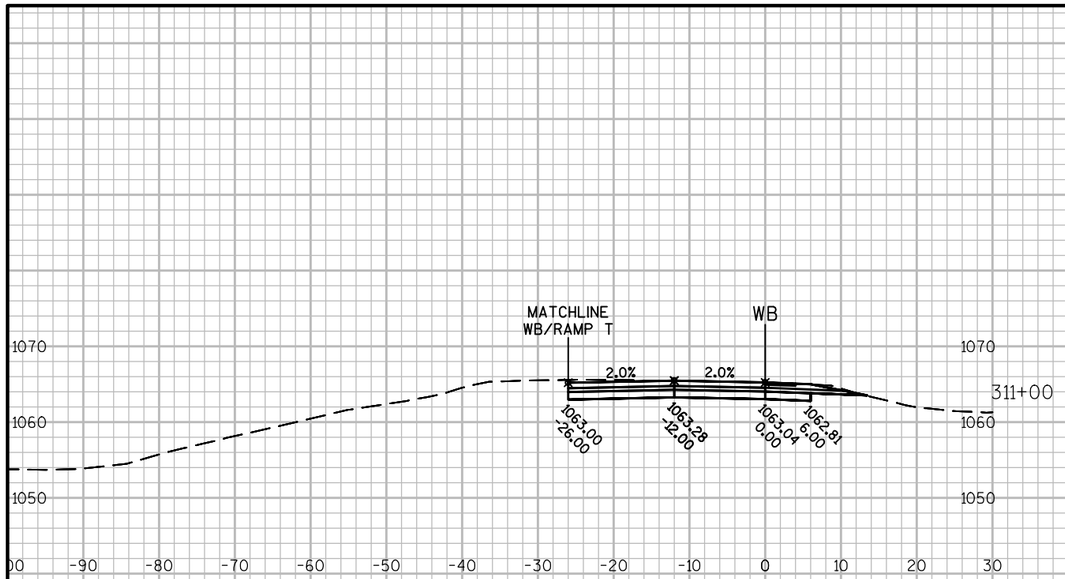
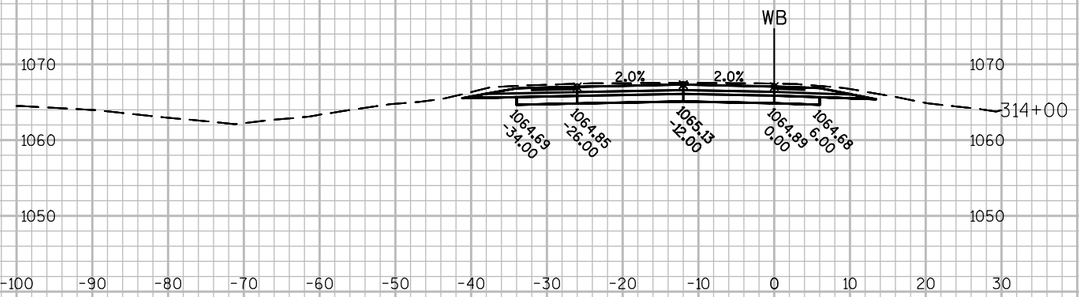
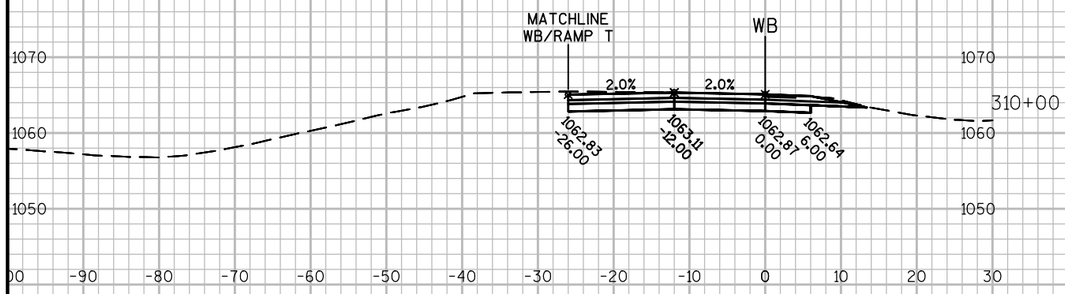
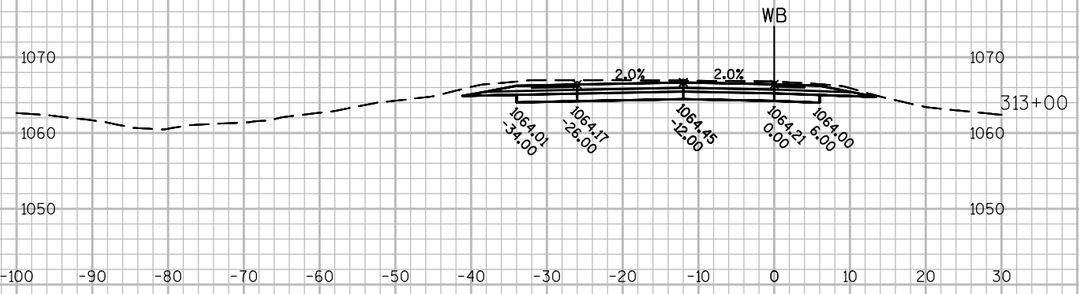
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 584	E

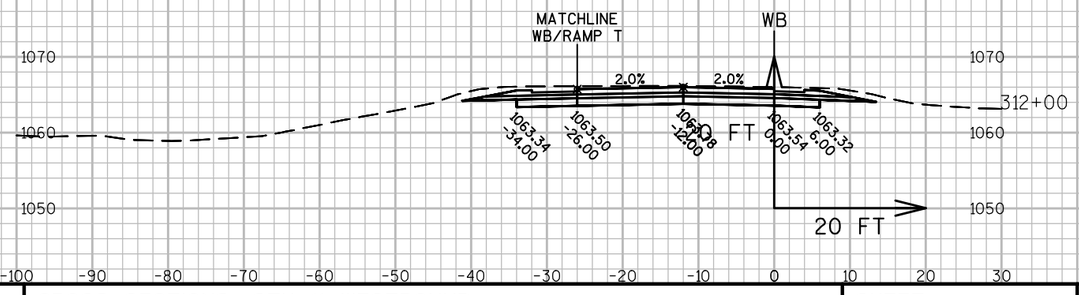
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (11)
PLOT DATE : 1/22/2018 8:42 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











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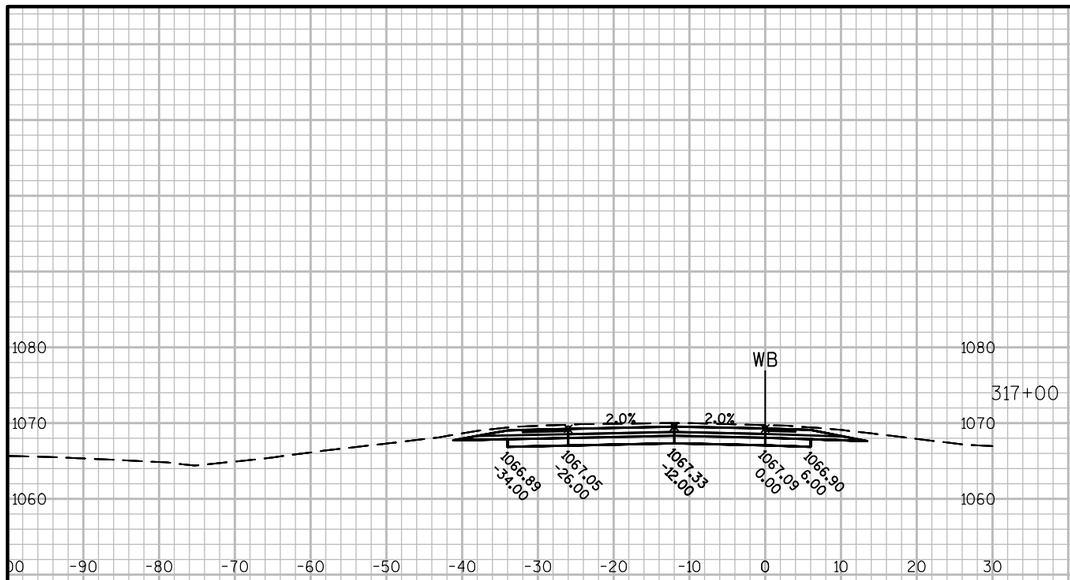
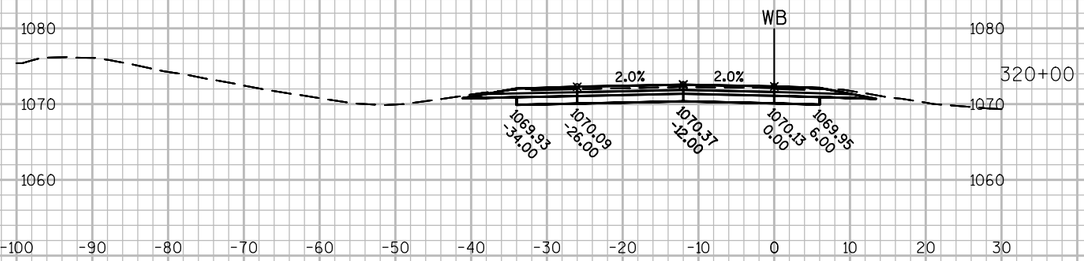
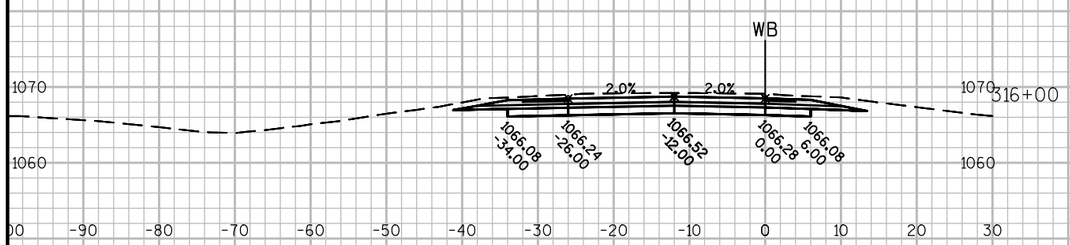
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 585	E

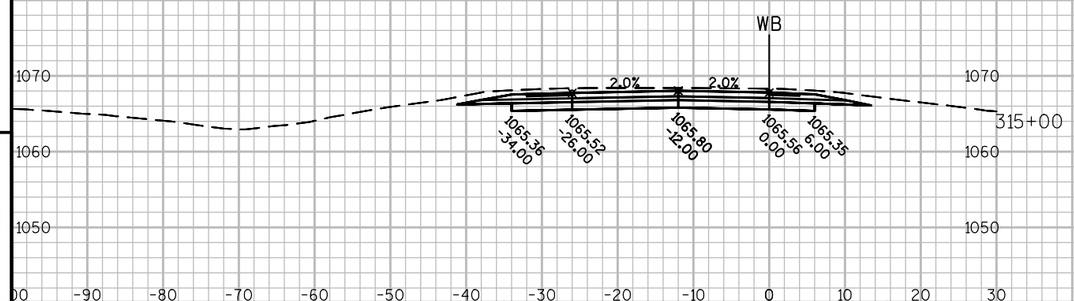
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (12)

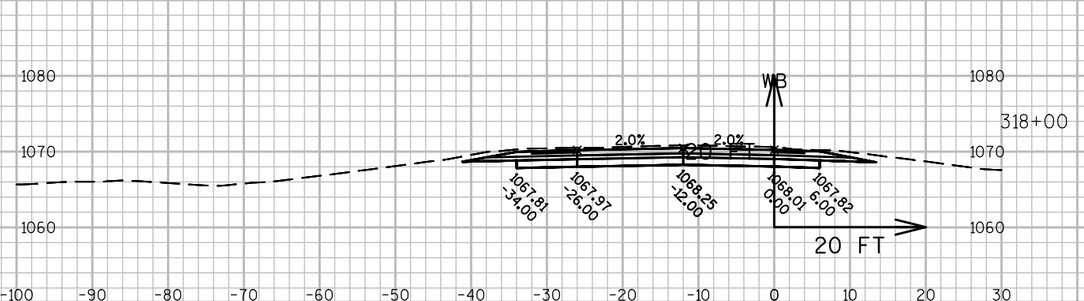
PLOT DATE : 1/22/2018 8:44 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT











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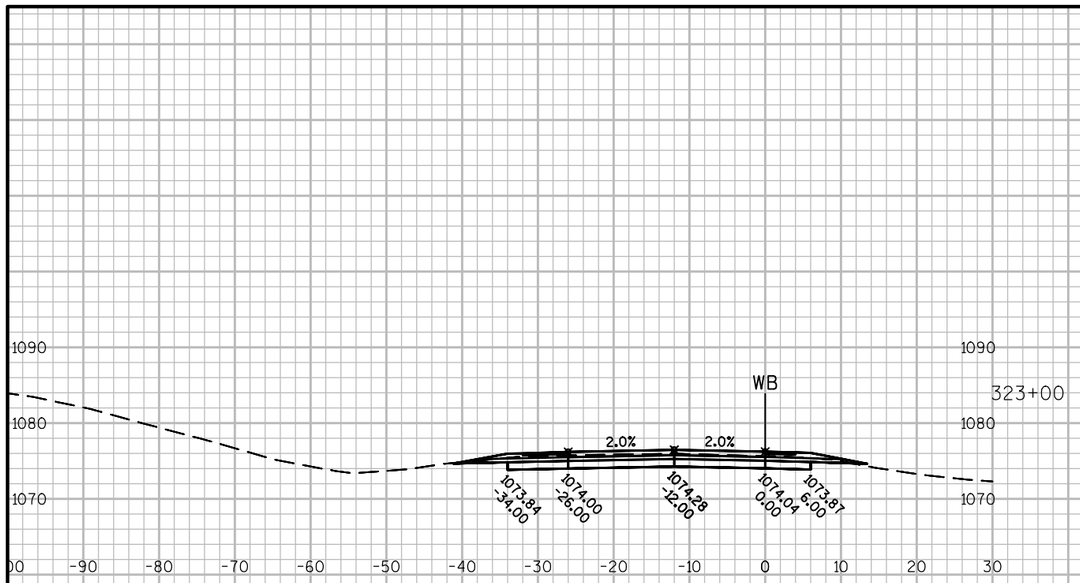
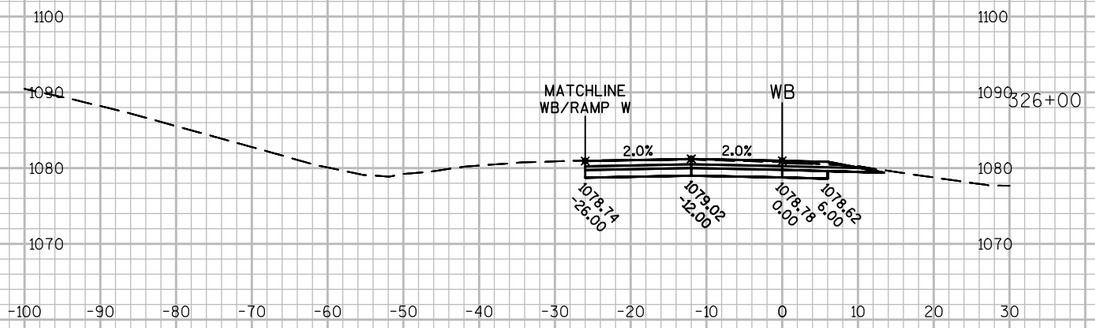
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 586	E

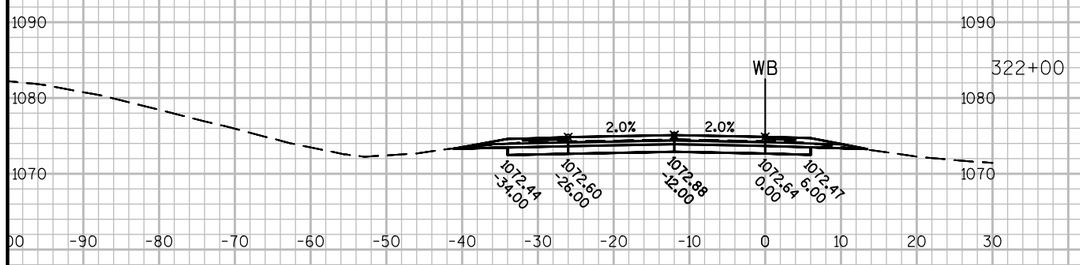
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (13)

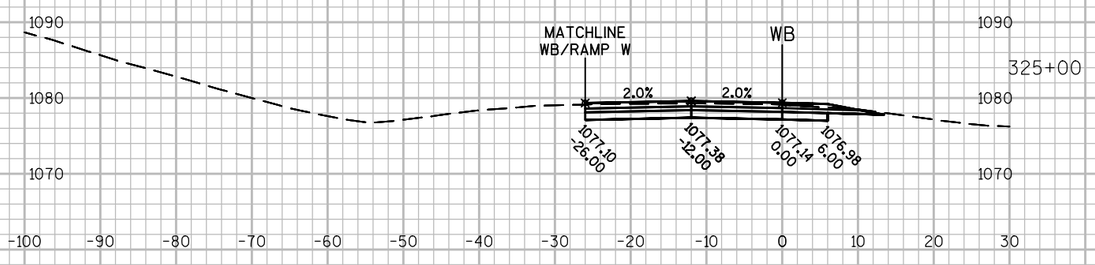
PLOT DATE : 1/22/2018 8:45 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

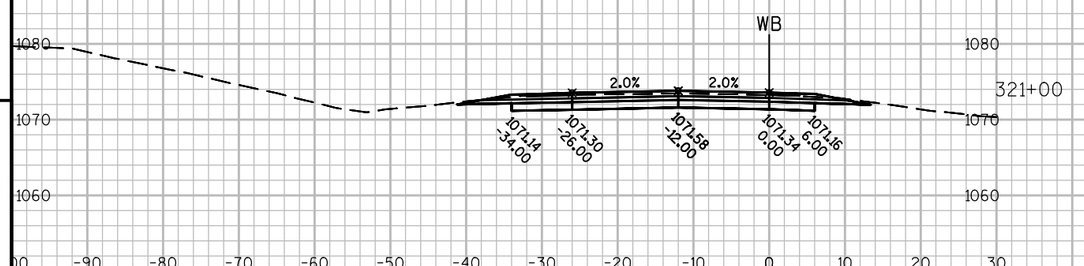
WISDOT/CADDS SHEET 49

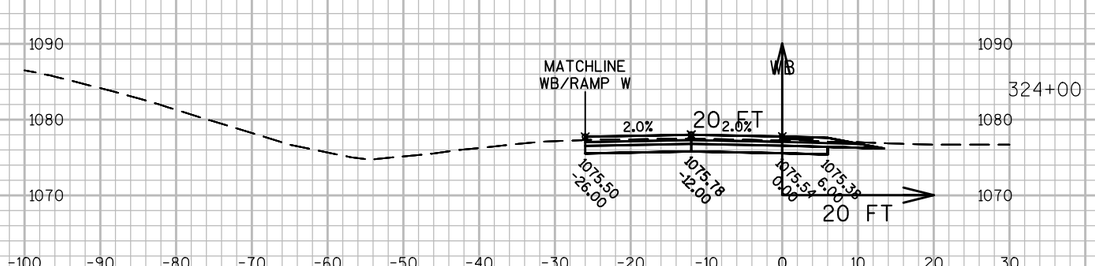












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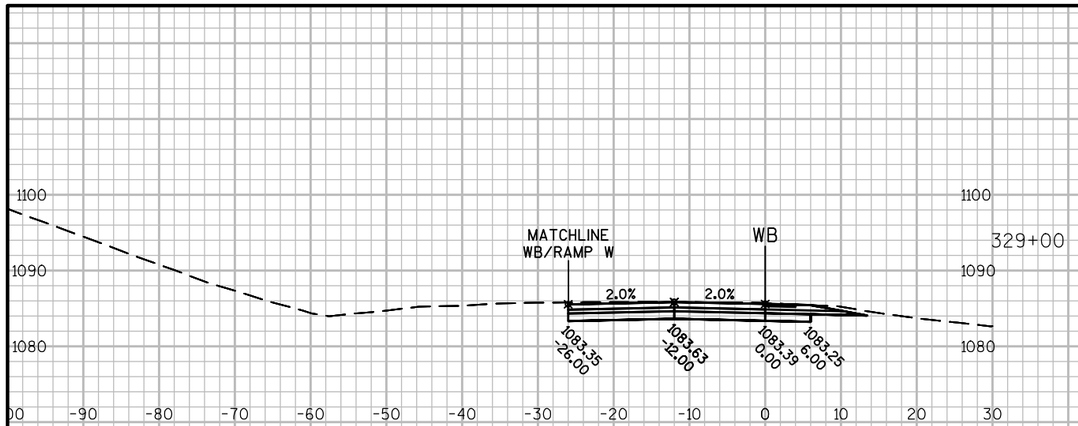
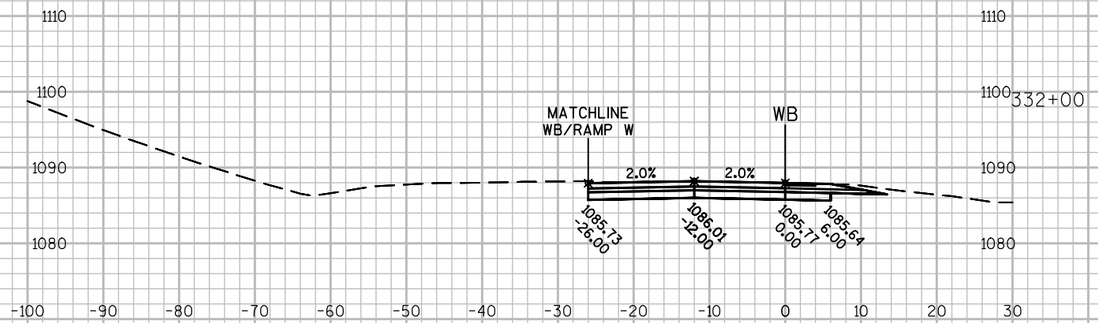
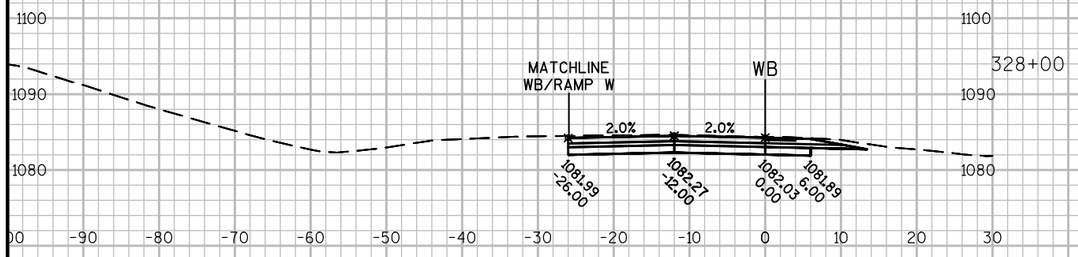
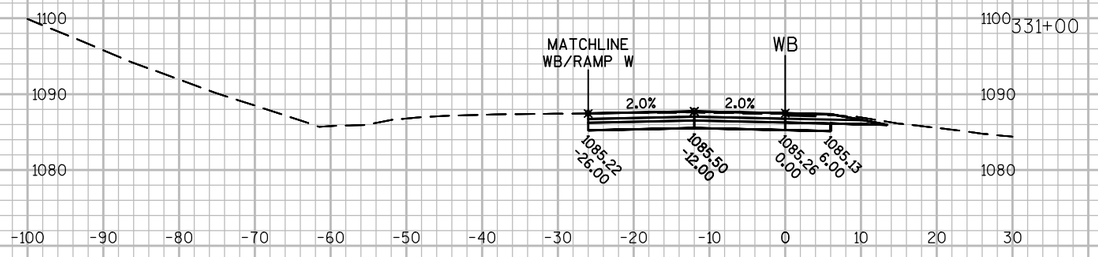
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 587	E

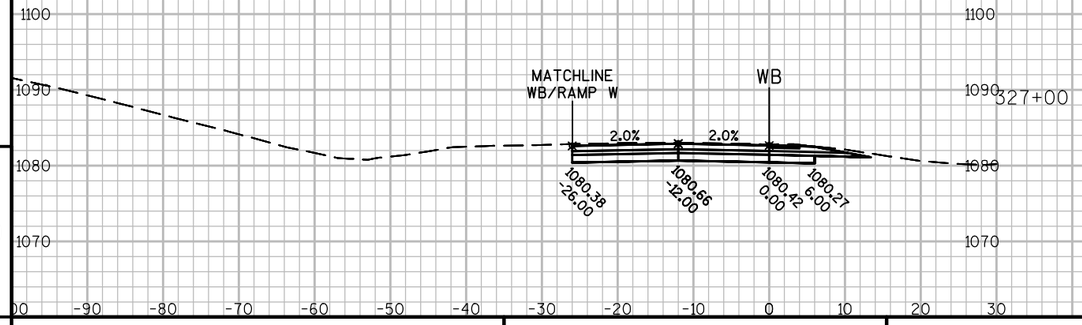
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (14)
PLOT DATE : 1/22/2018 8:47 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

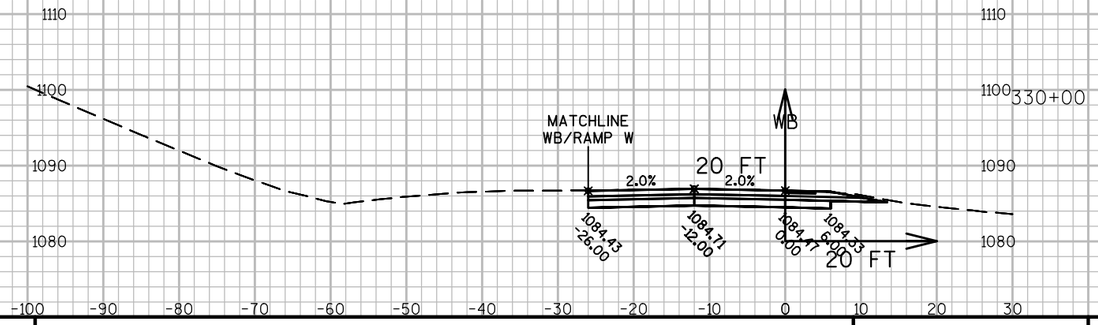












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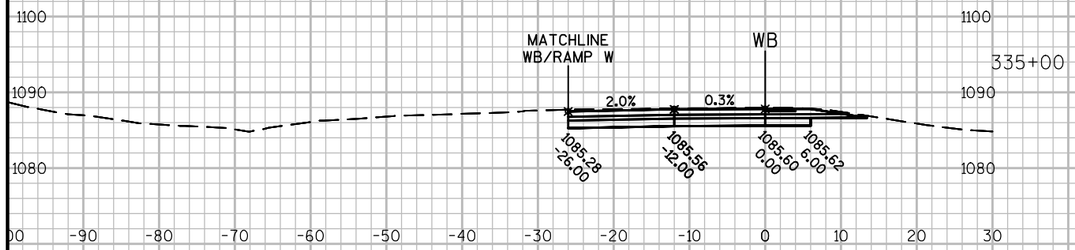
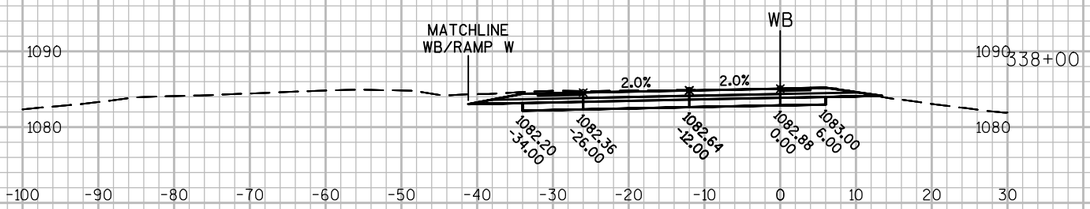
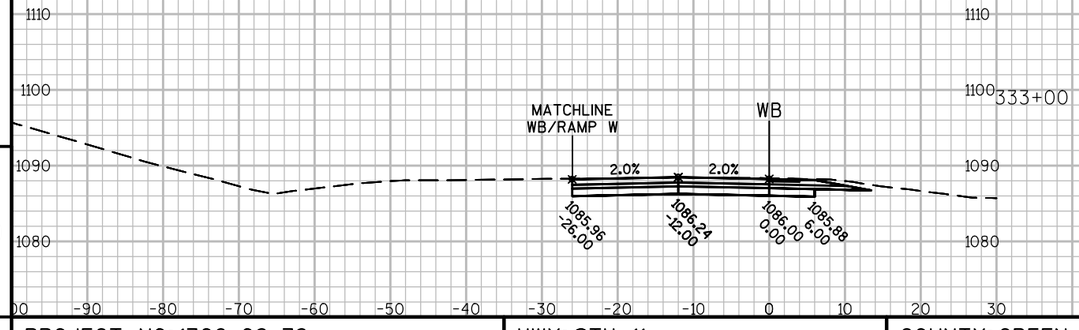
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 588	E

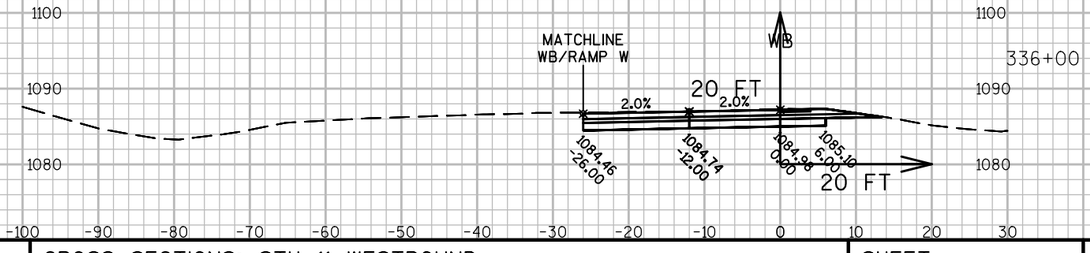
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (15)

PLOT DATE : 1/22/2018 8:48 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT







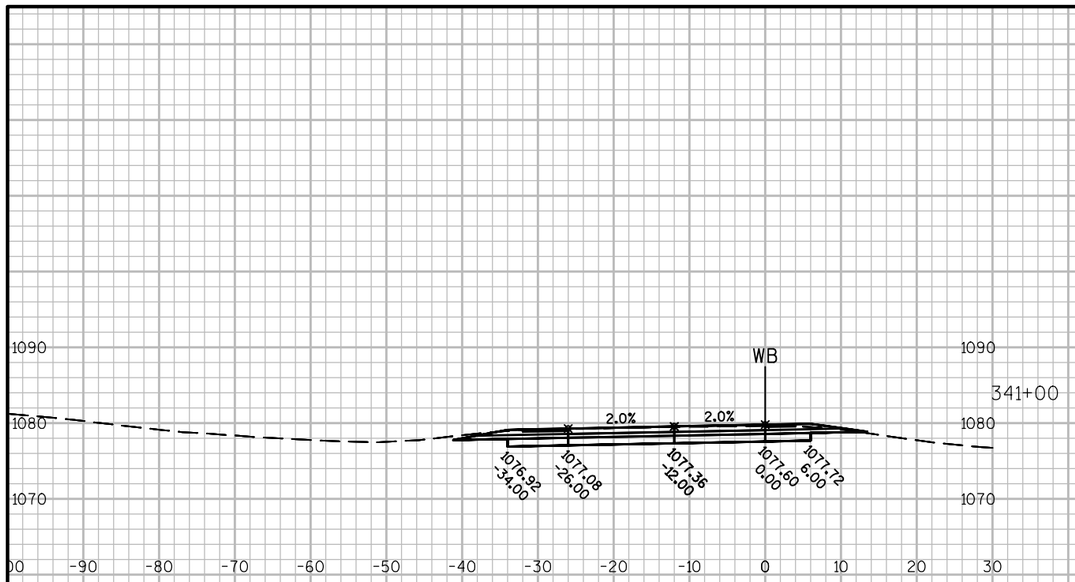


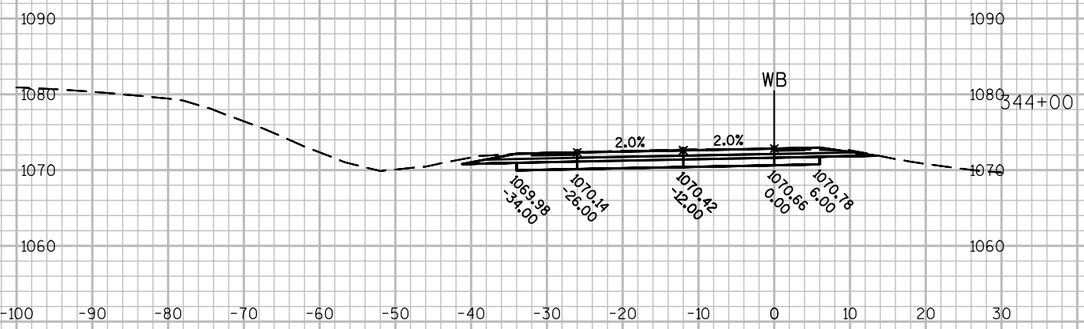
9

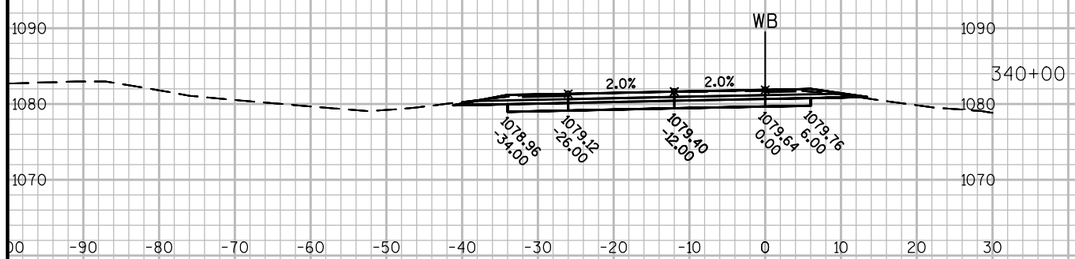
9

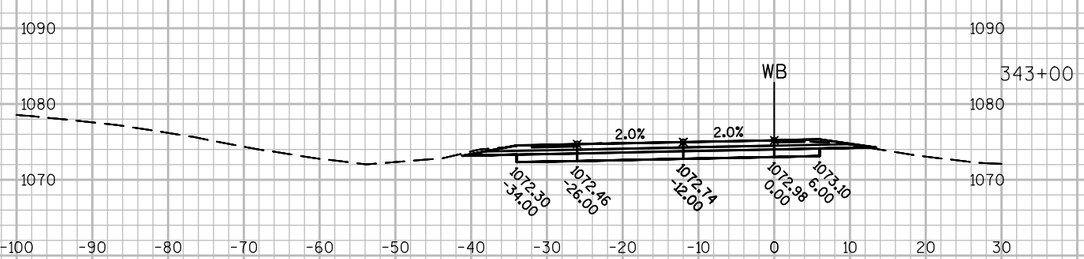
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 589	E

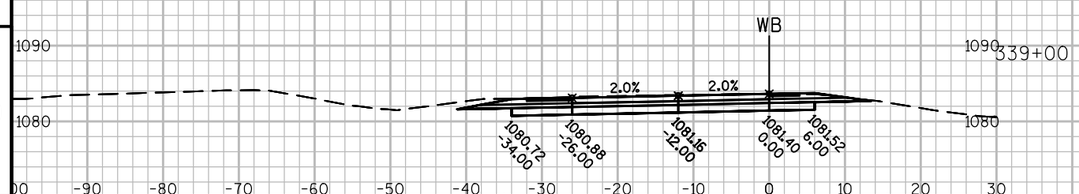
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (16)
PLOT DATE : 1/22/2018 8:49 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

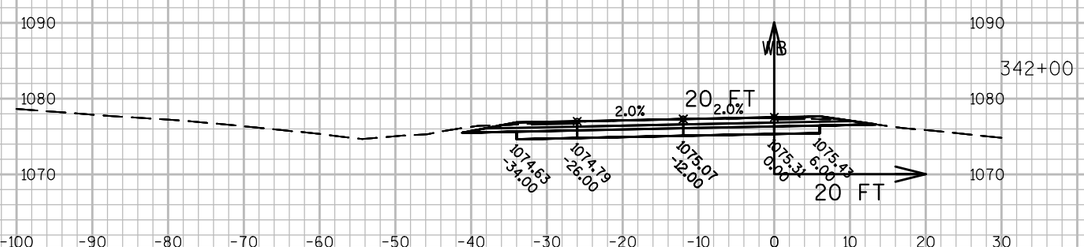












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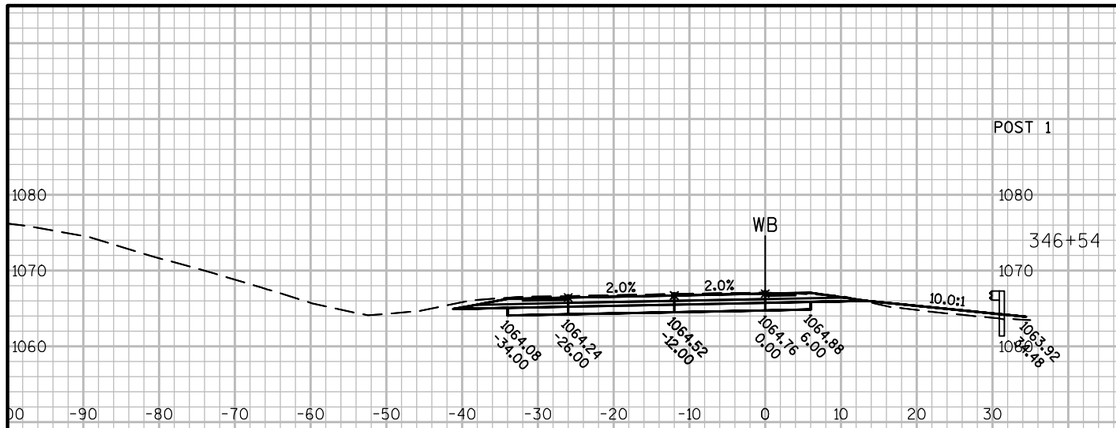
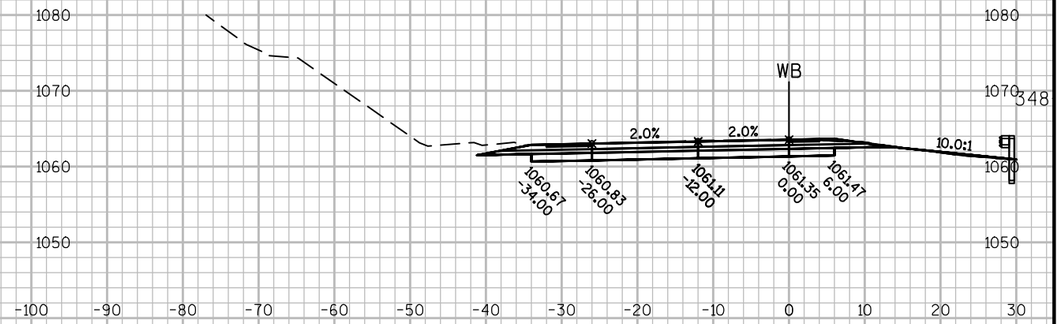
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 590	E

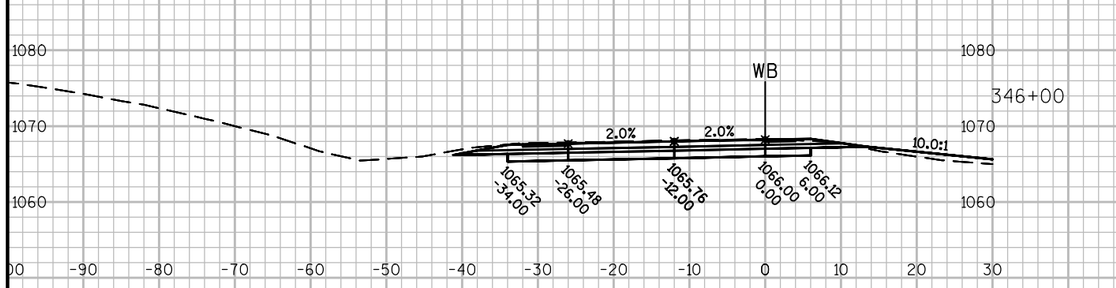
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (17)

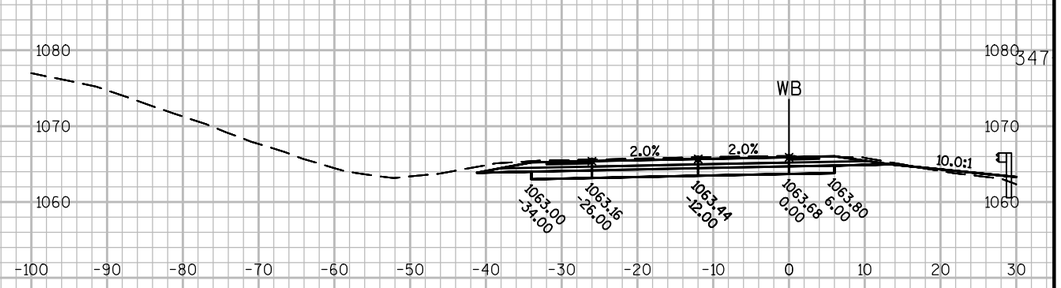
PLOT DATE : 1/22/2018 8:51 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

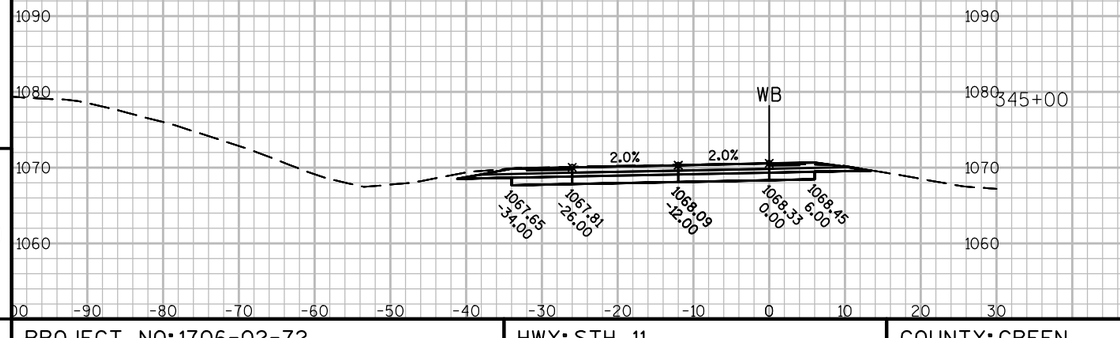
WISDOT/CADDS SHEET 49

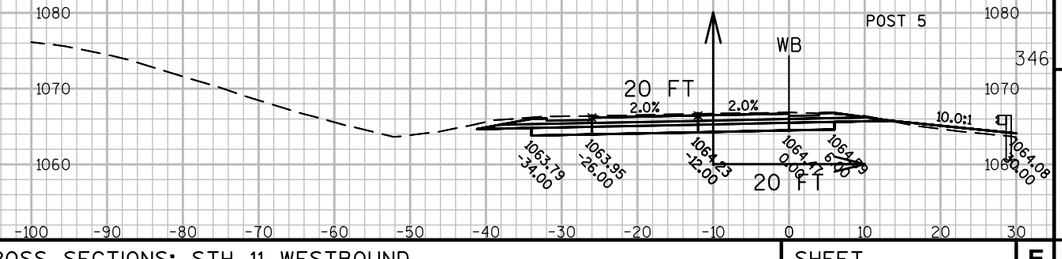












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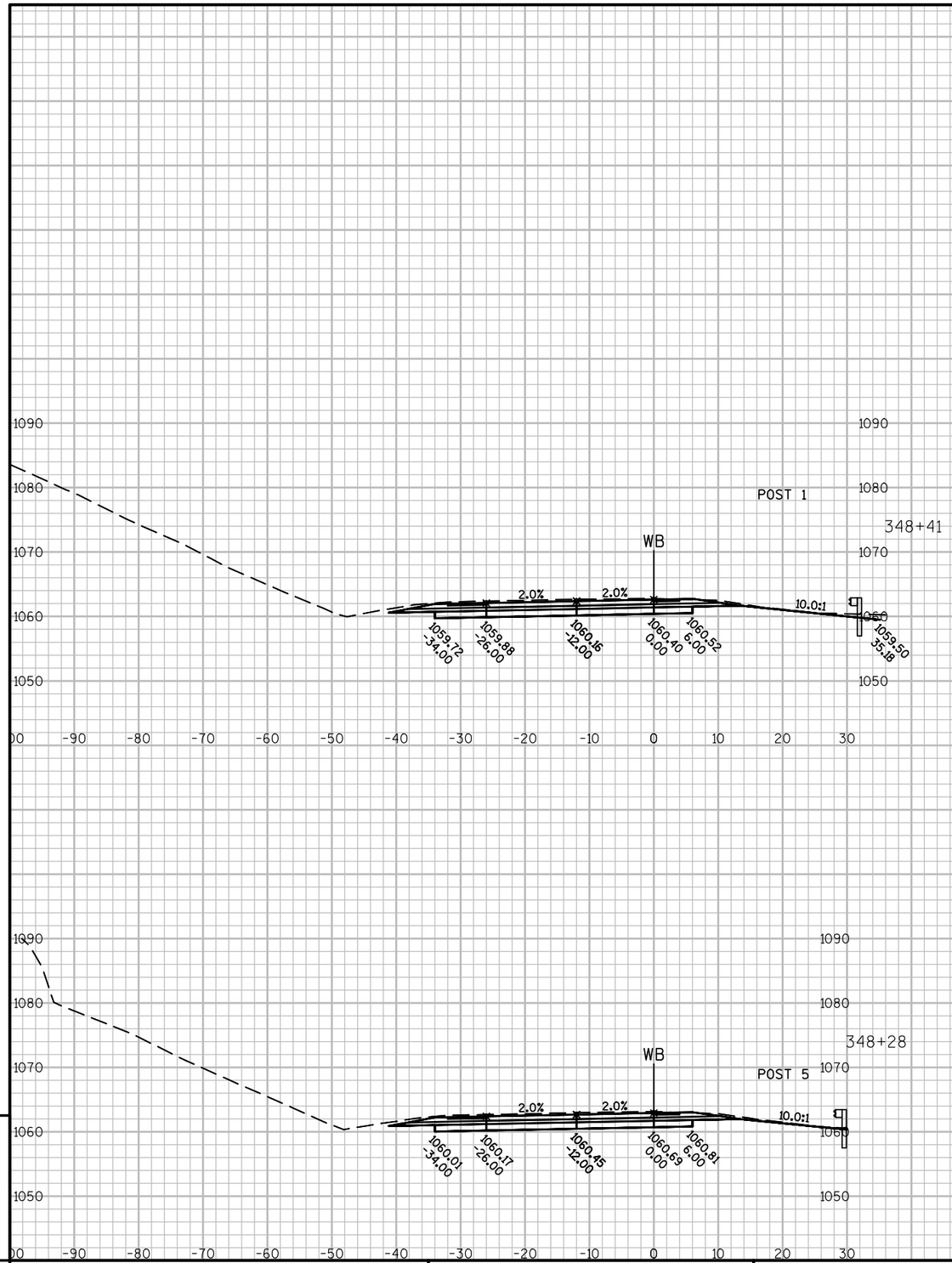
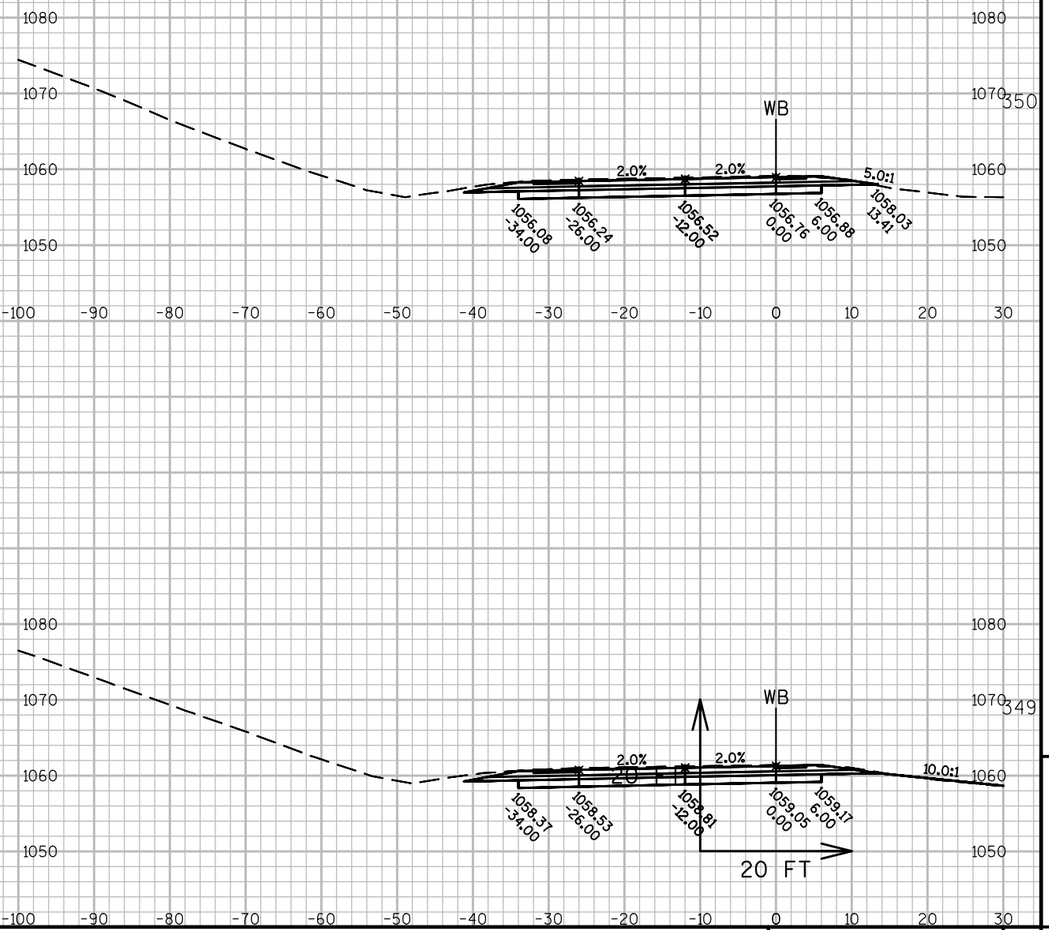
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 591	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (18)
PLOT DATE : 1/22/2018 8:52 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49





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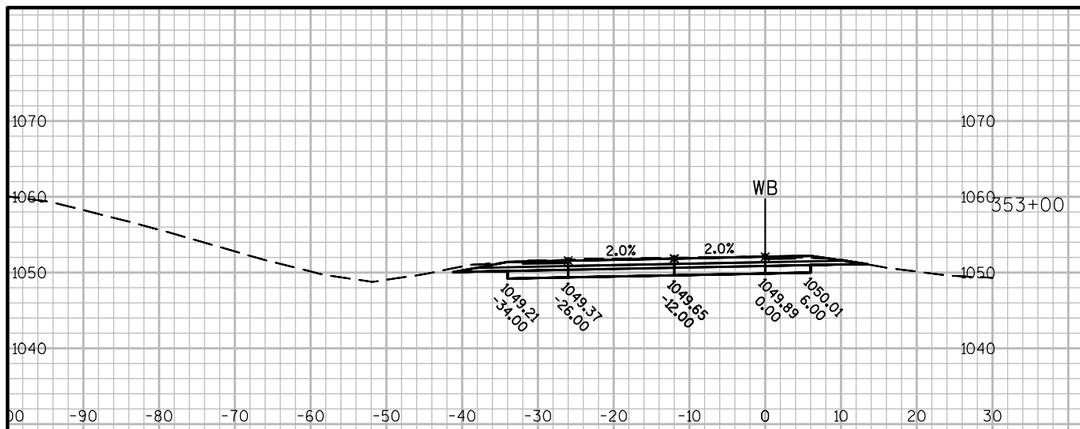
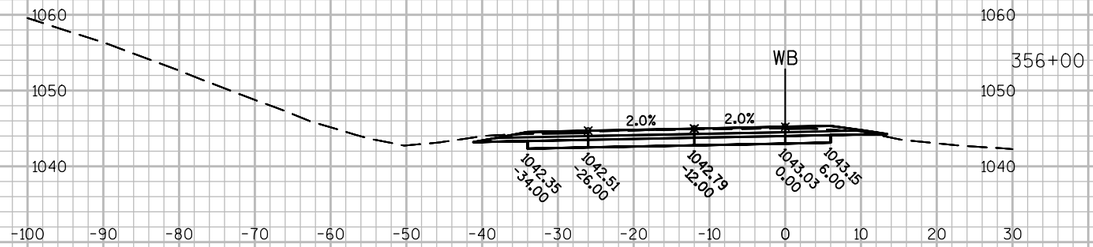
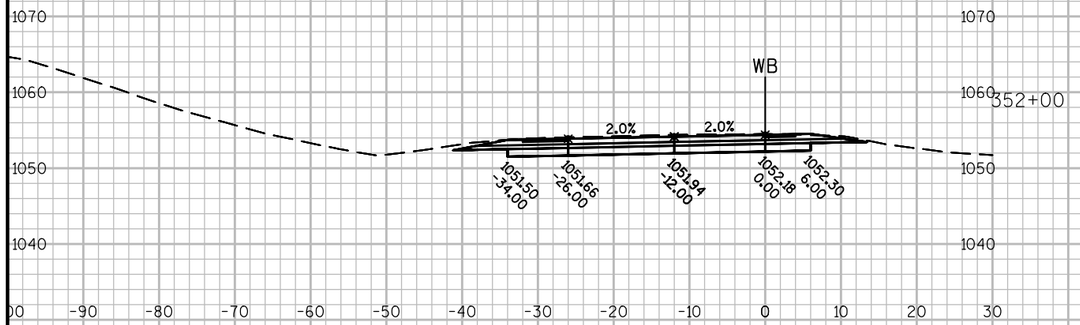
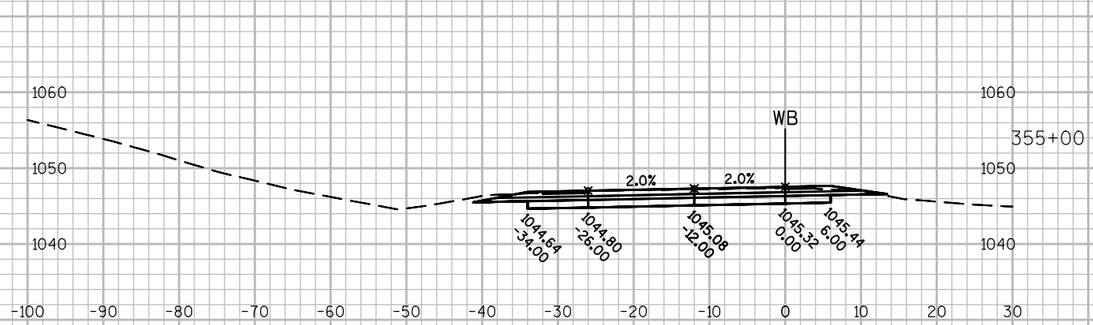
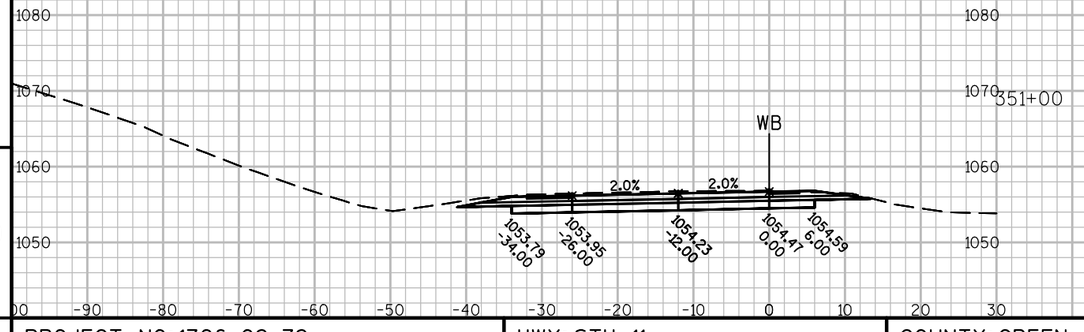
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 592	E

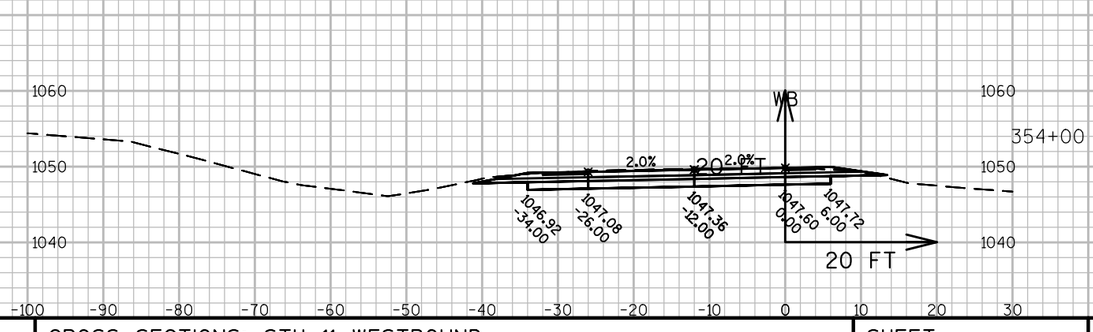












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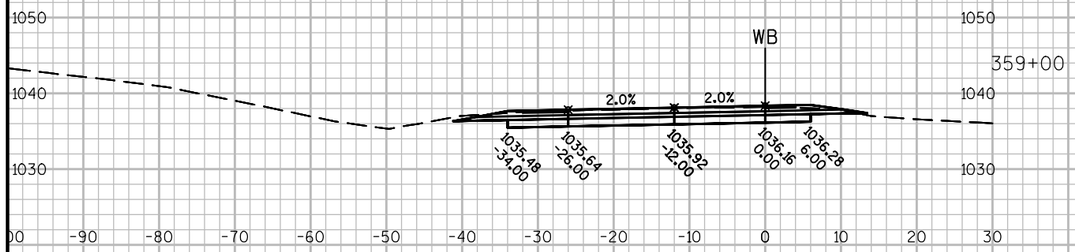
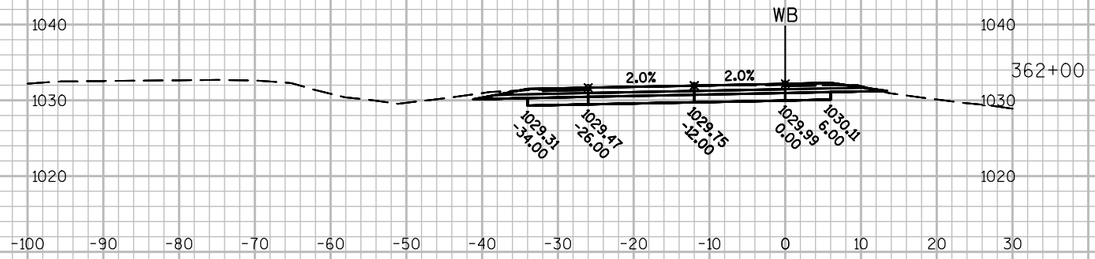
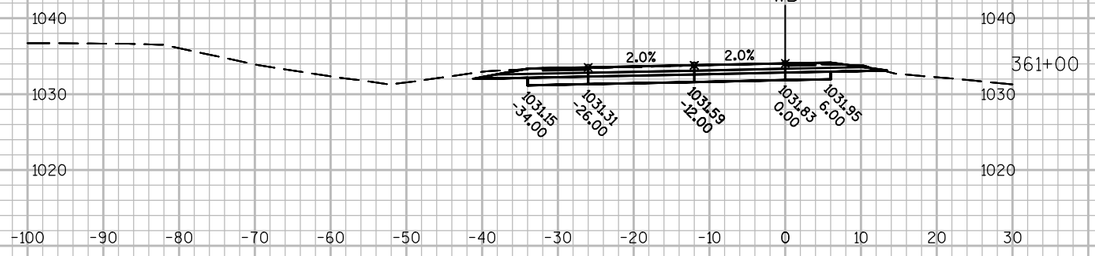
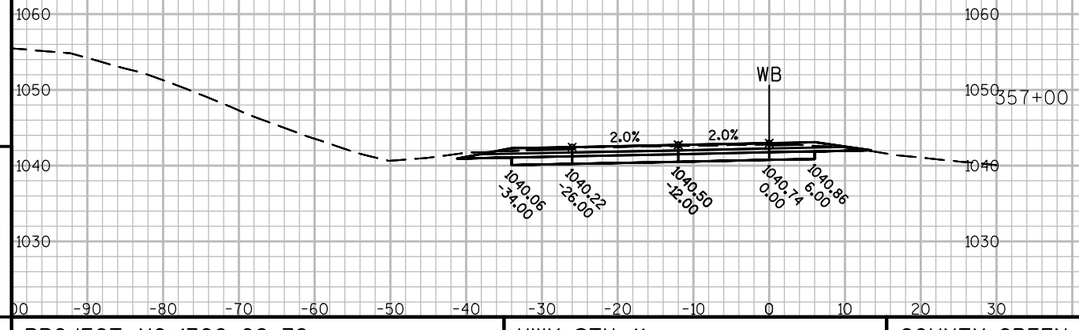
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 593	E

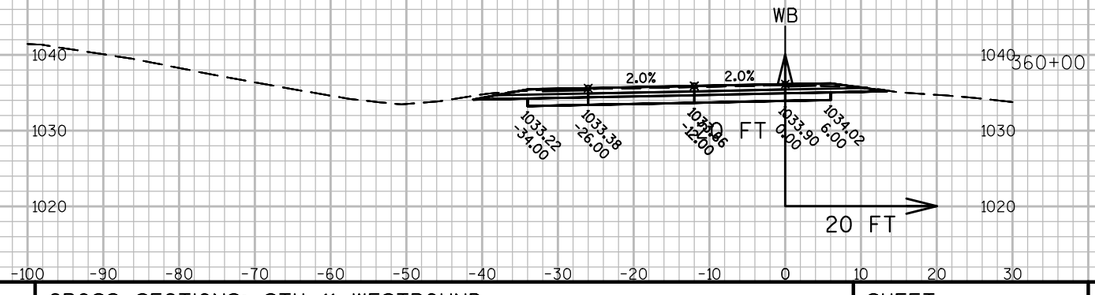
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (20)
PLOT DATE : 1/22/2018 8:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











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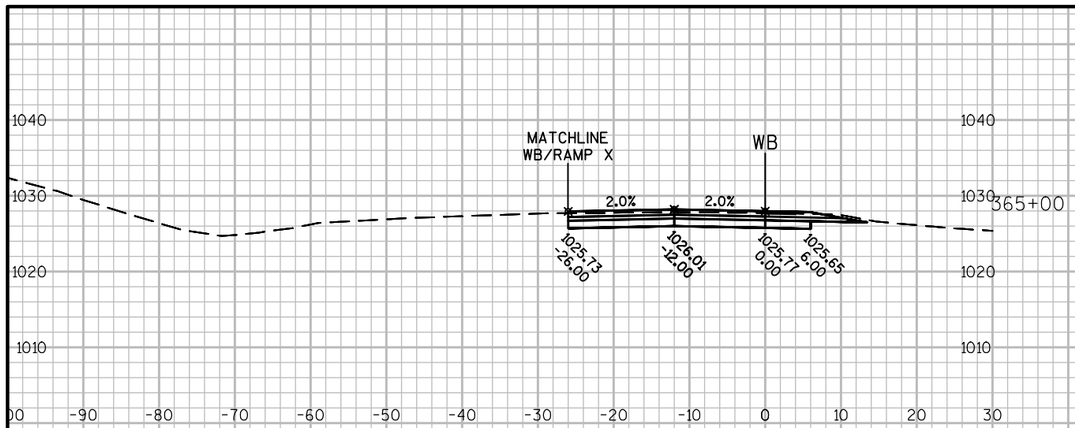
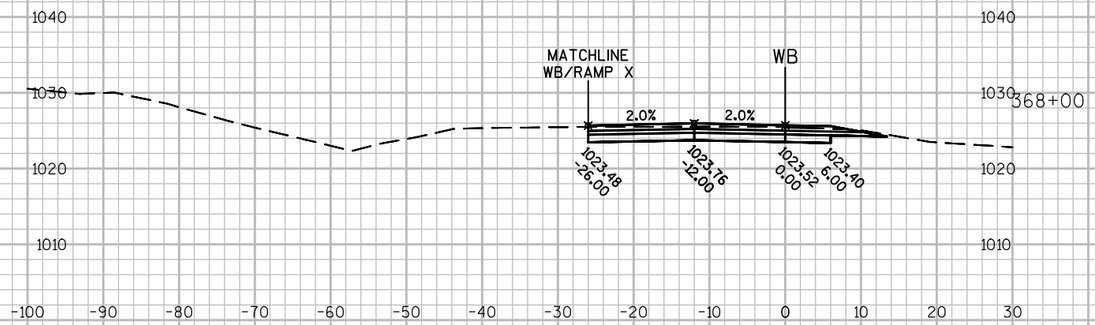
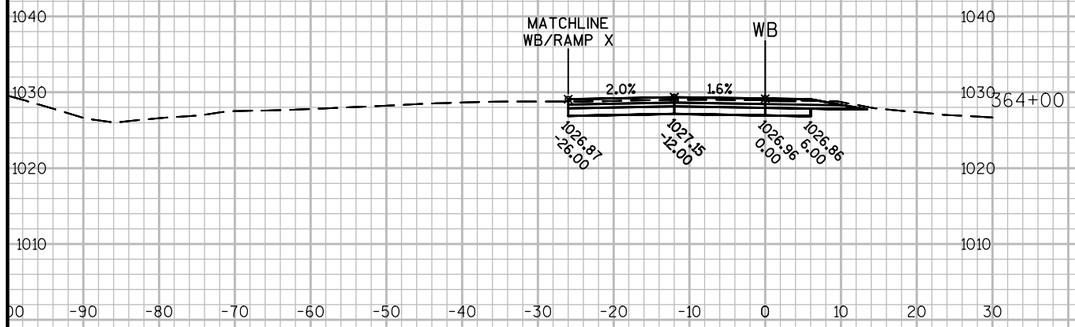
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 594	E

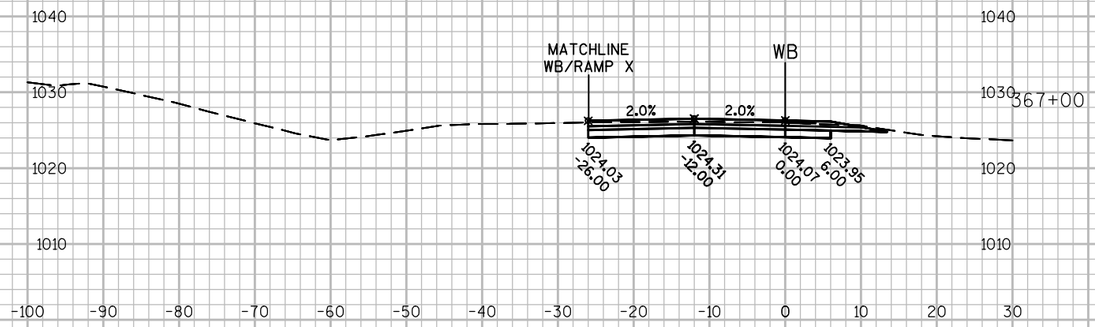
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (21)

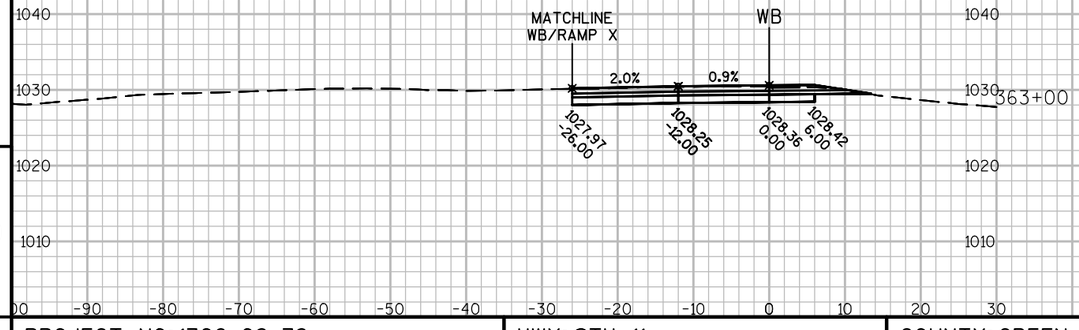
PLOT DATE : 1/22/2018 8:56 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

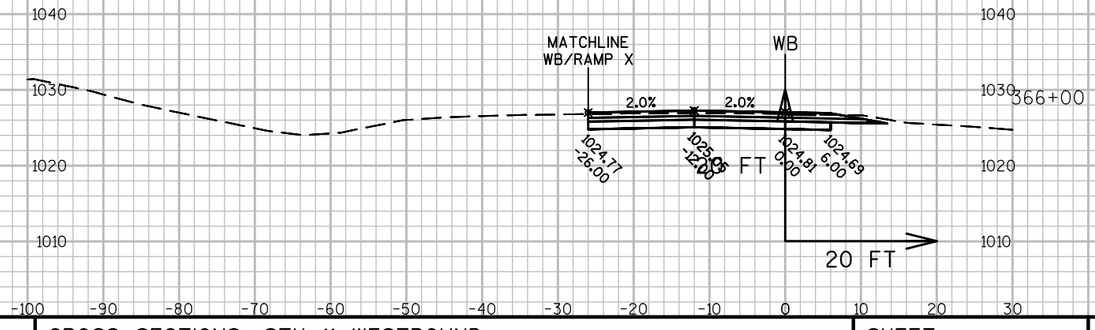












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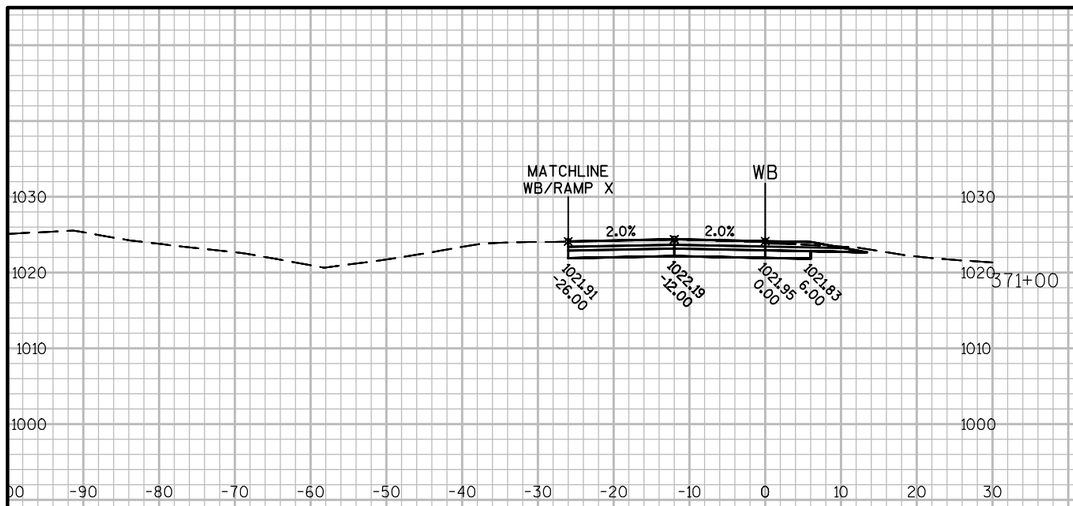
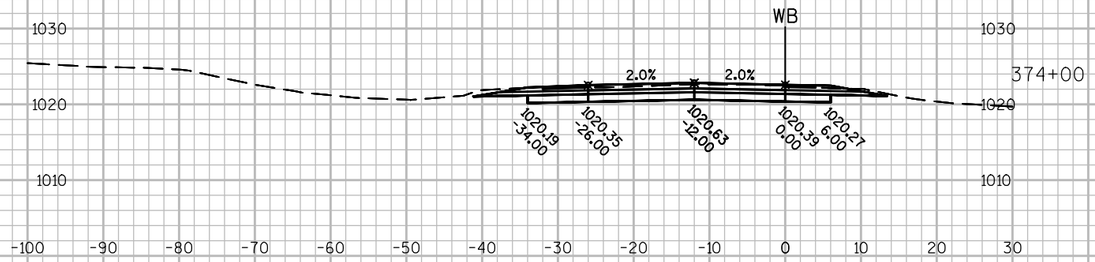
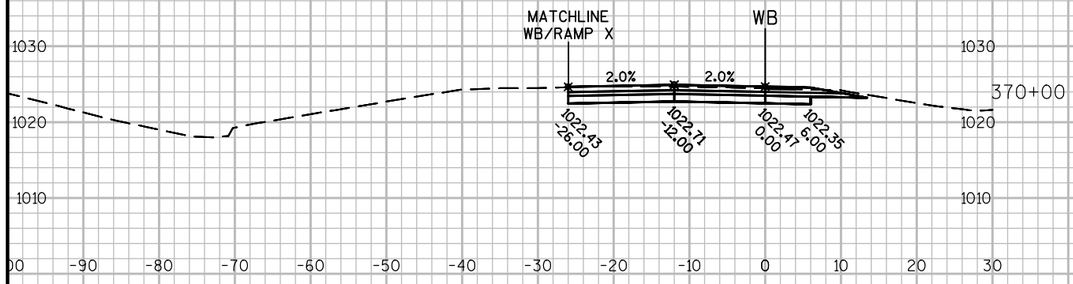
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 595	E

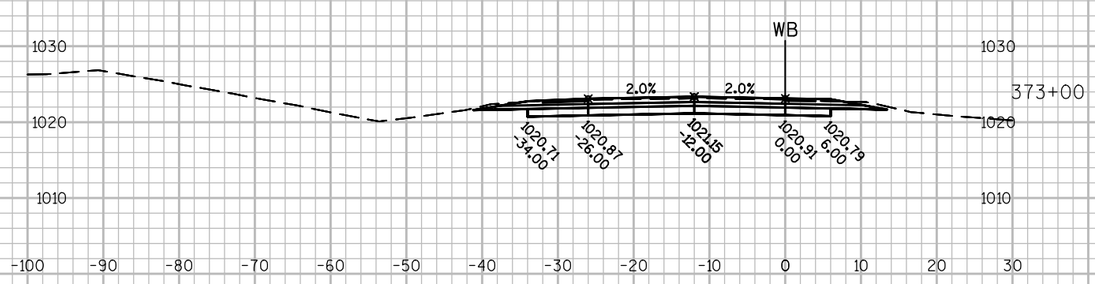
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (22)

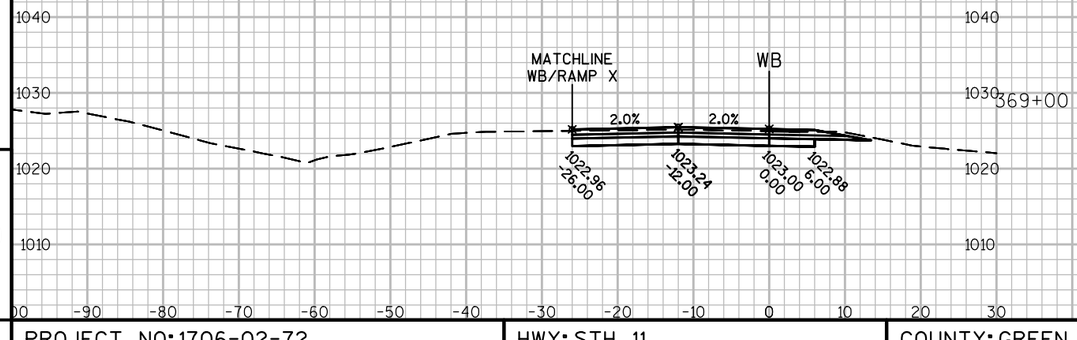
PLOT DATE : 1/22/2018 8:58 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

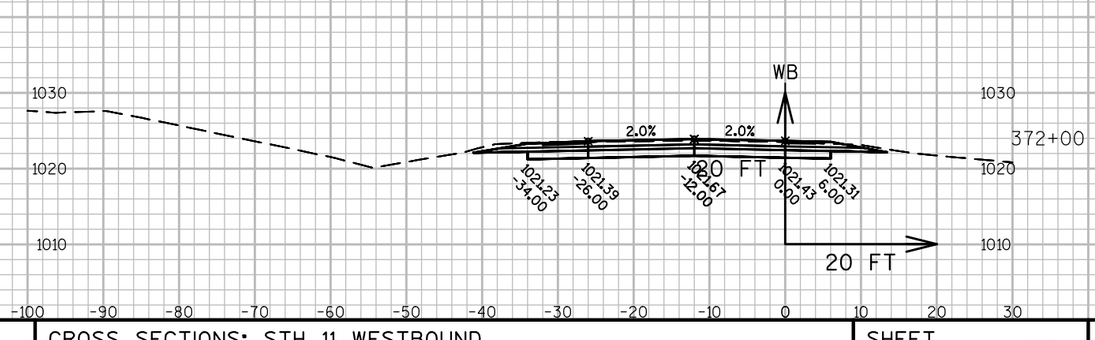










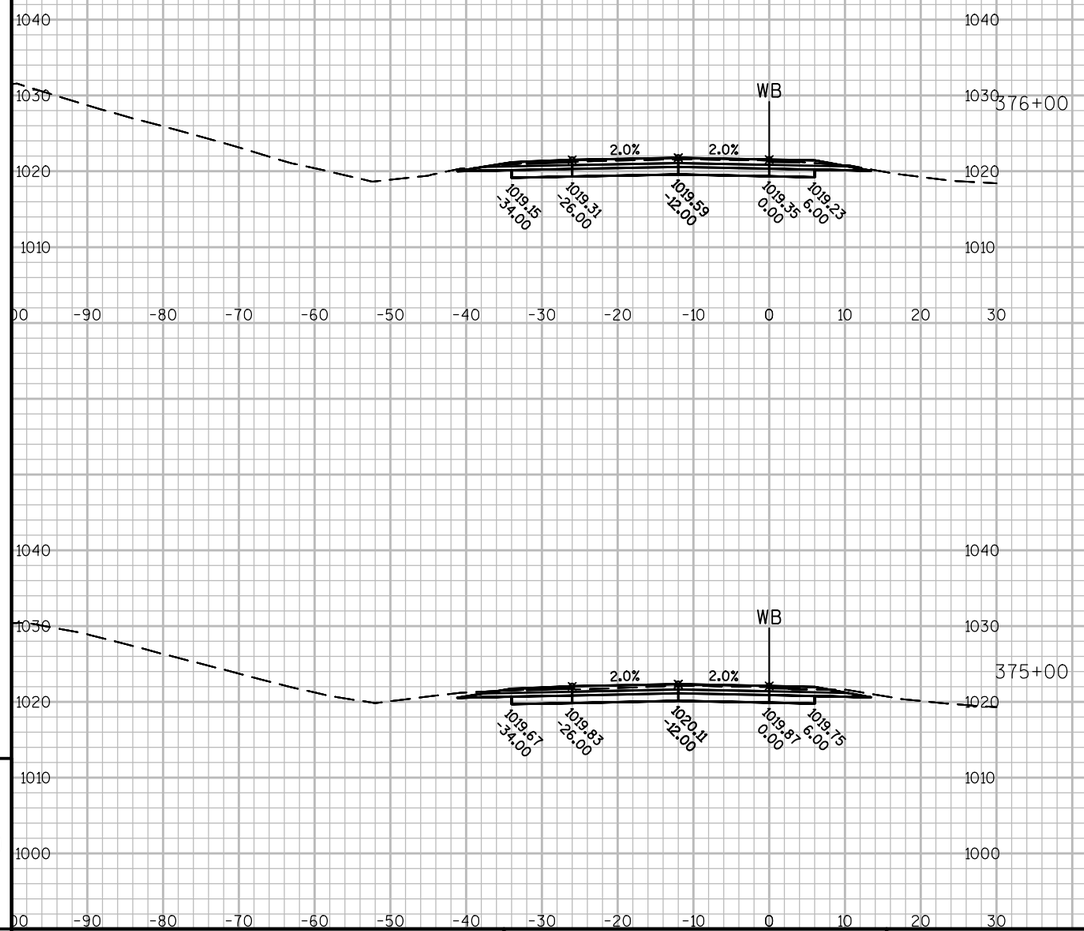


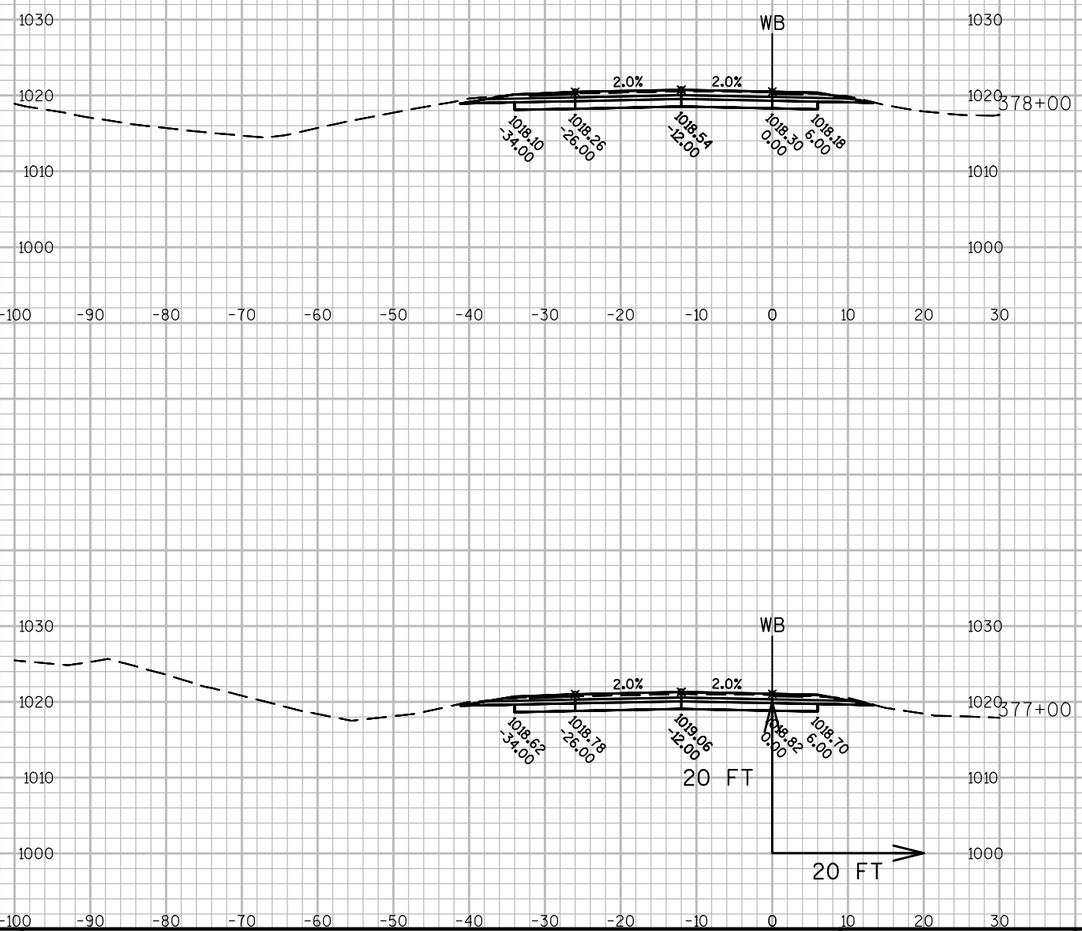
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 596	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (23)

PLOT DATE : 1/22/2018 8:59 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





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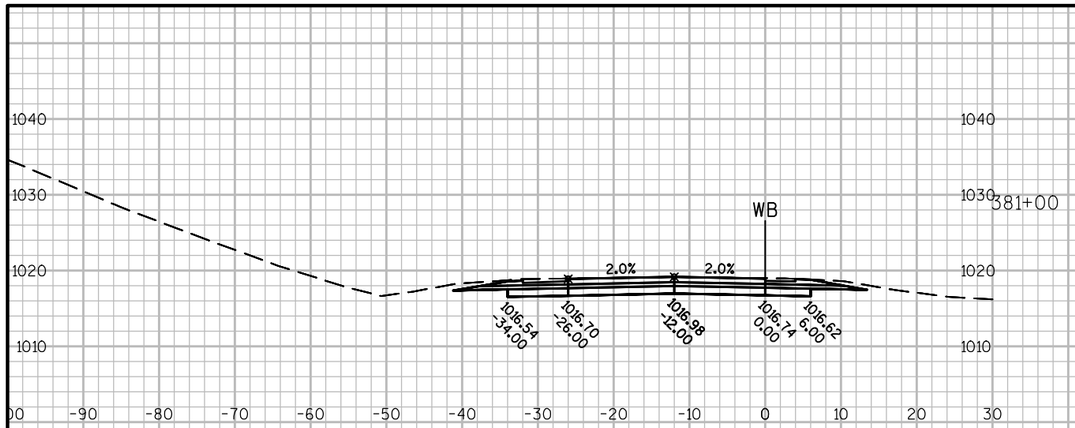
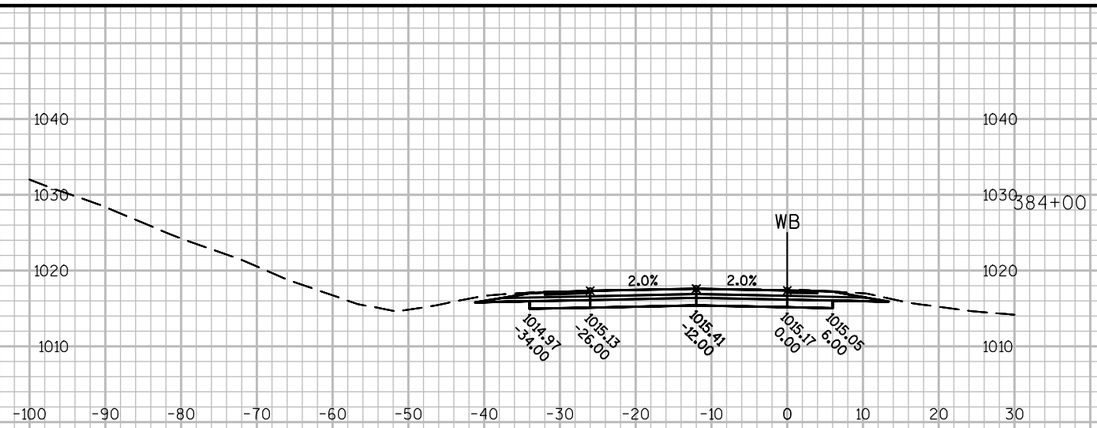
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 597	E

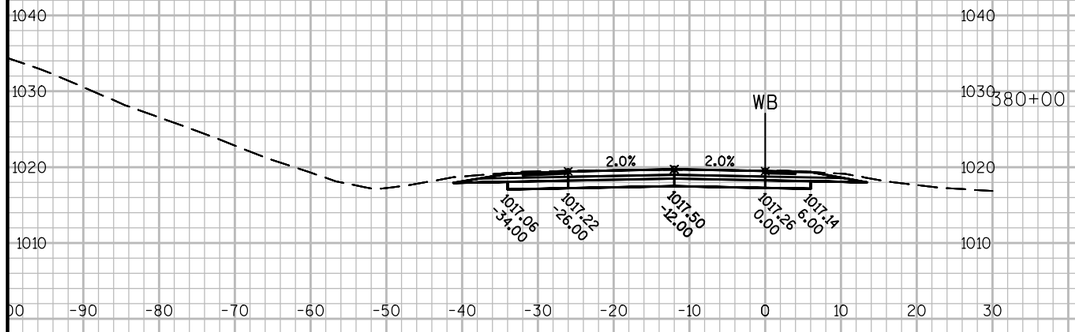
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (24)

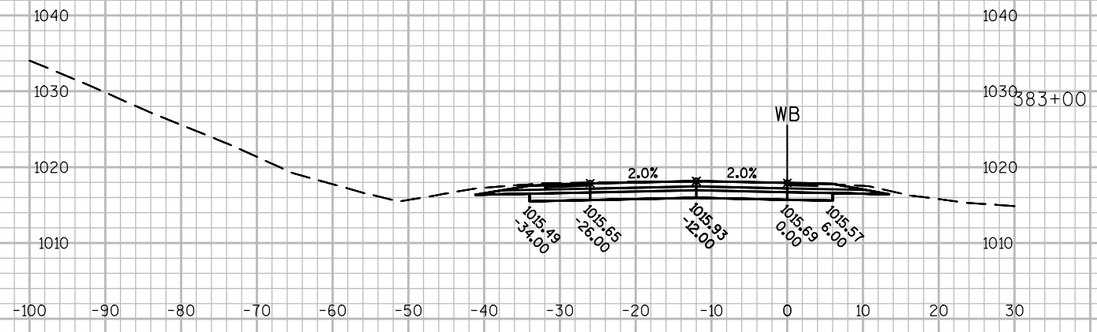
PLOT DATE : 1/22/2018 9:00 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

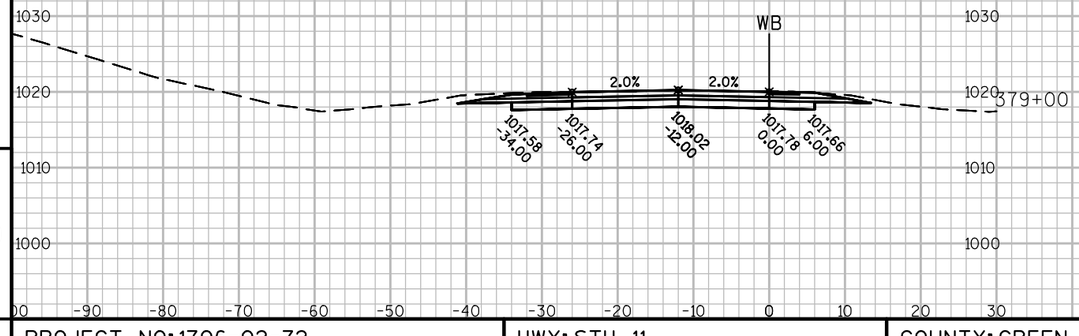
WISDOT/CADDS SHEET 49

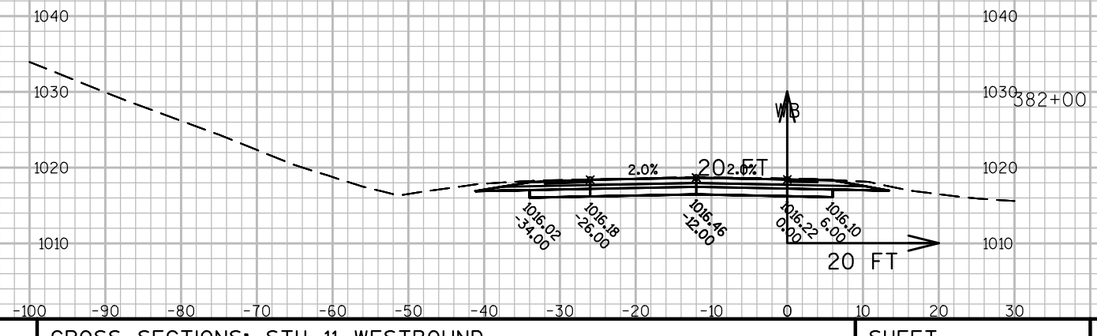












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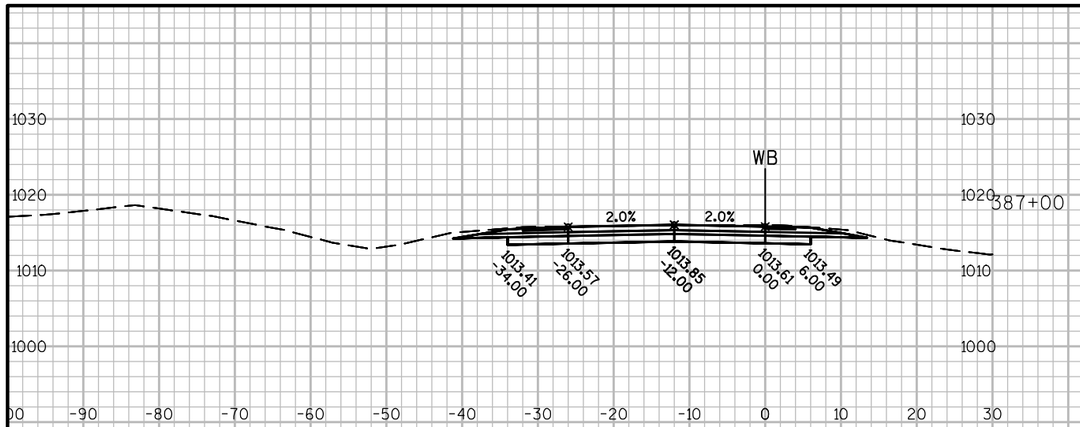
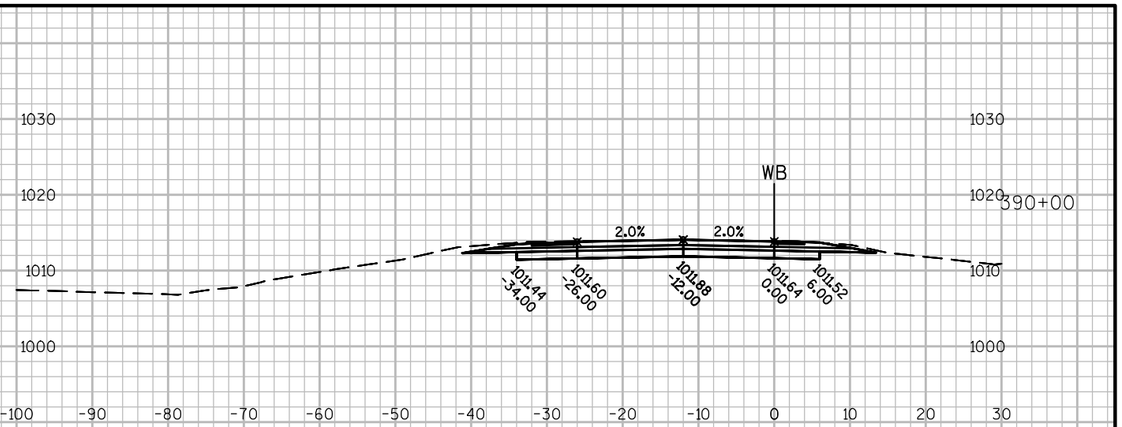
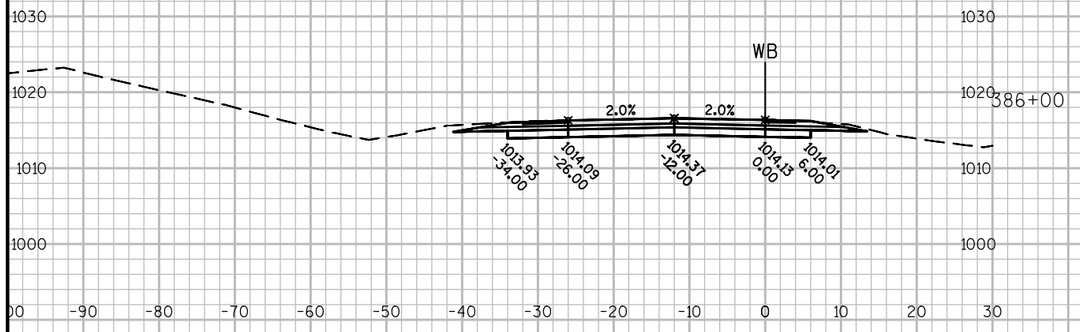
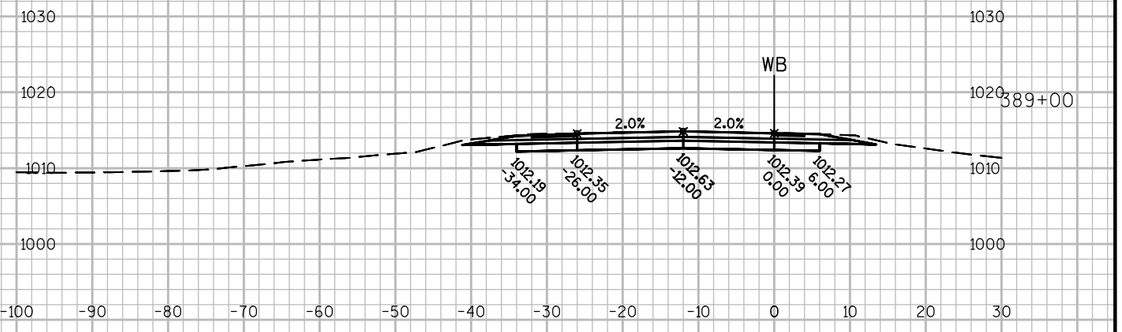
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 598	E

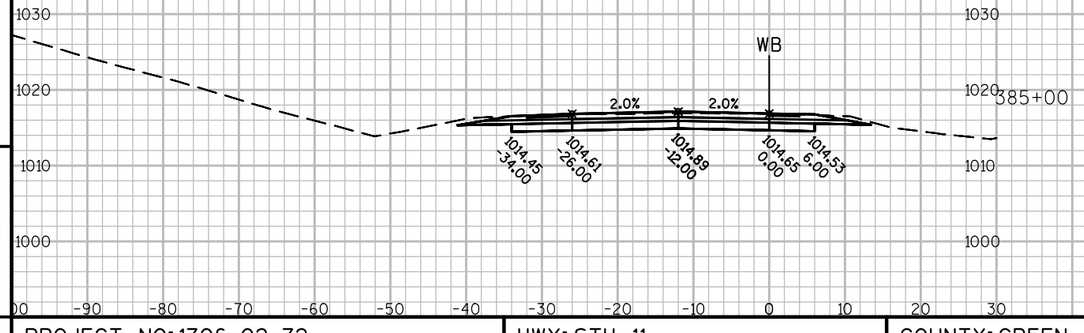
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (25)
PLOT DATE : 1/22/2018 9:02 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

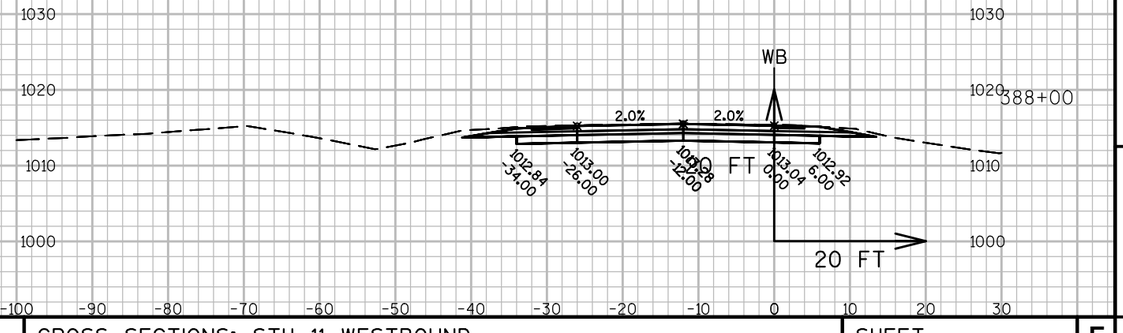












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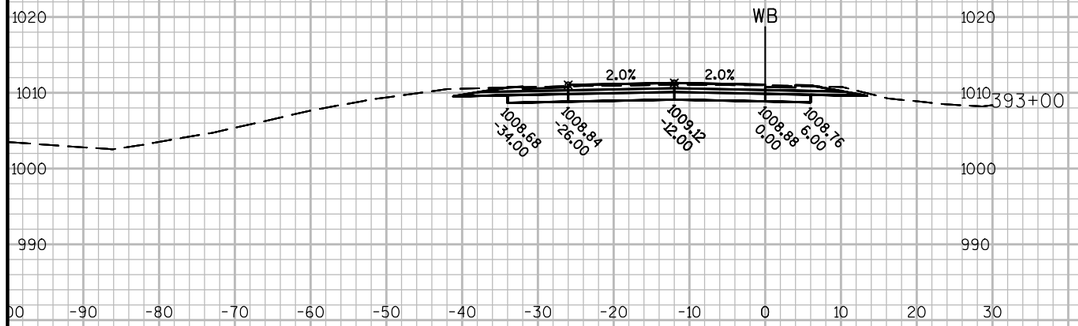
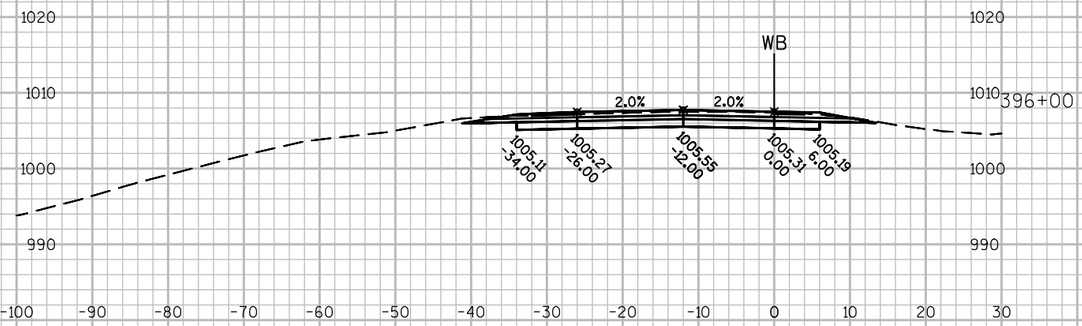
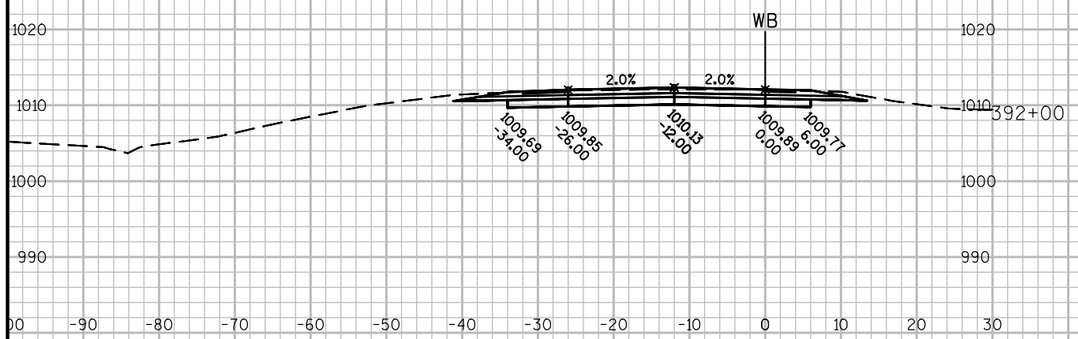
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 599	E

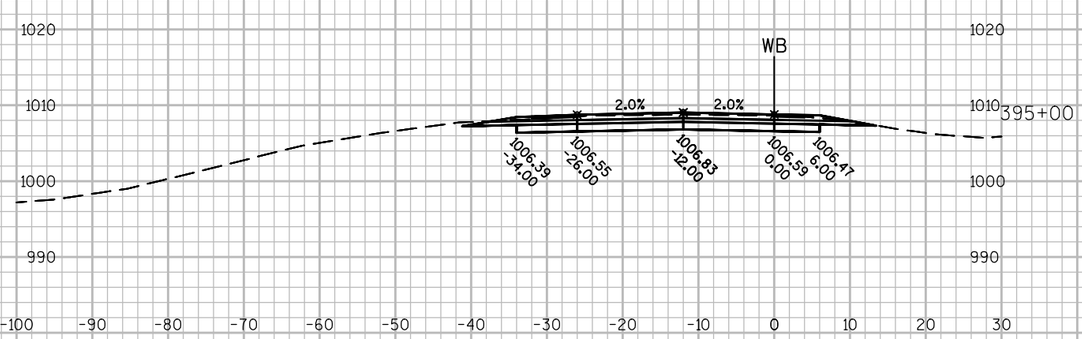
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (26)

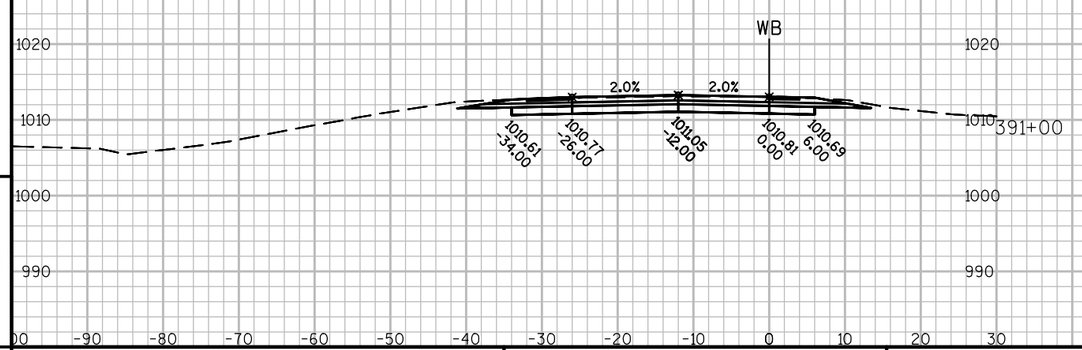
PLOT DATE : 1/22/2018 9:03 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

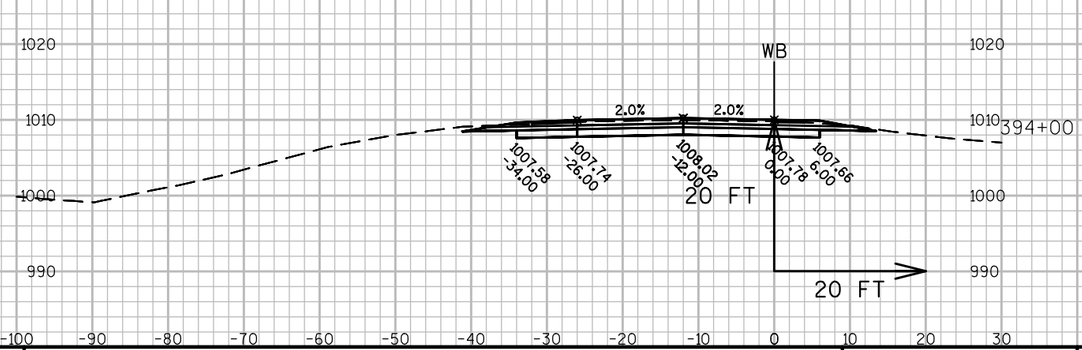












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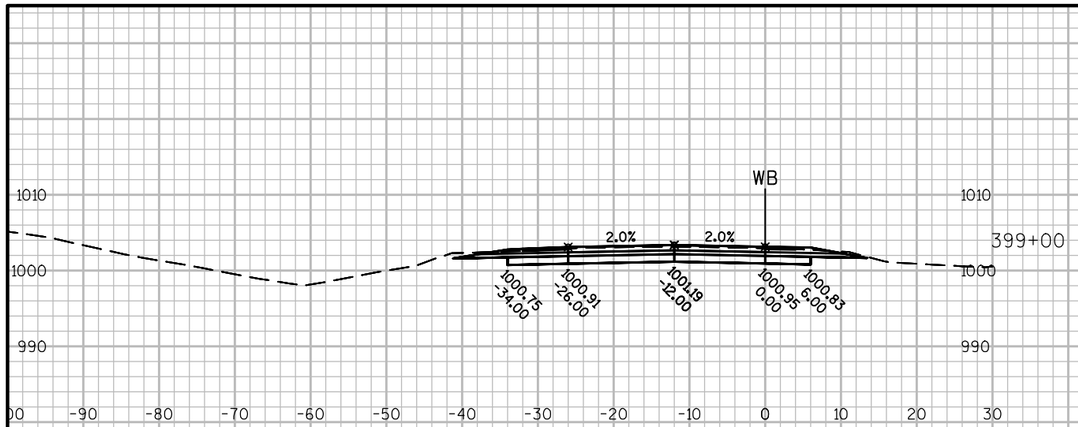
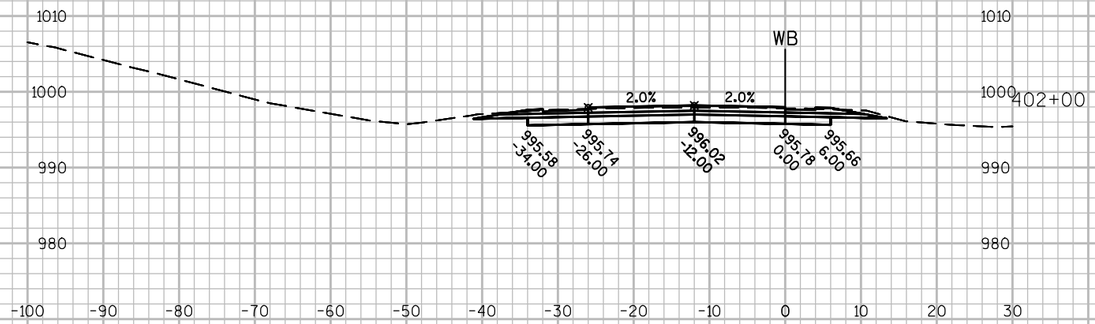
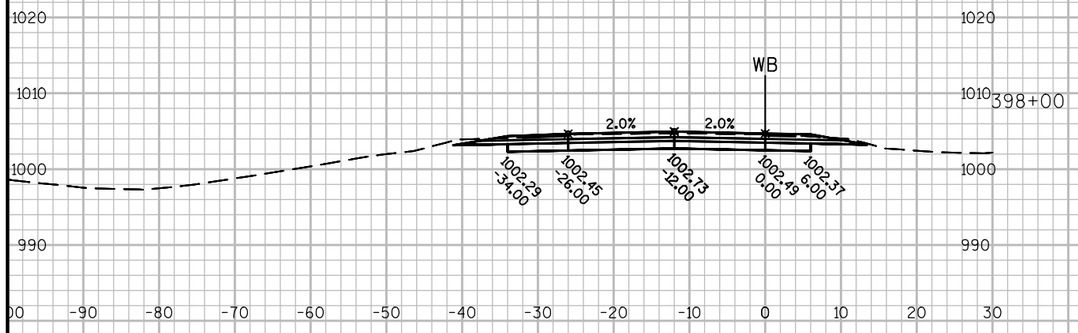
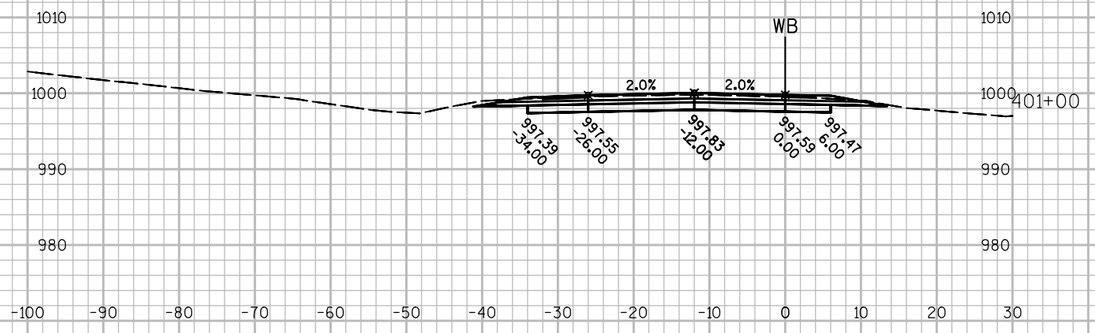
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 600	E

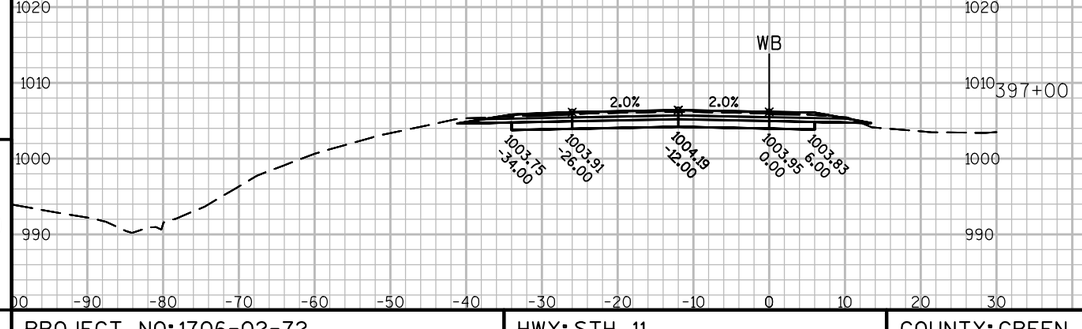
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (27)
PLOT DATE : 1/22/2018 9:04 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

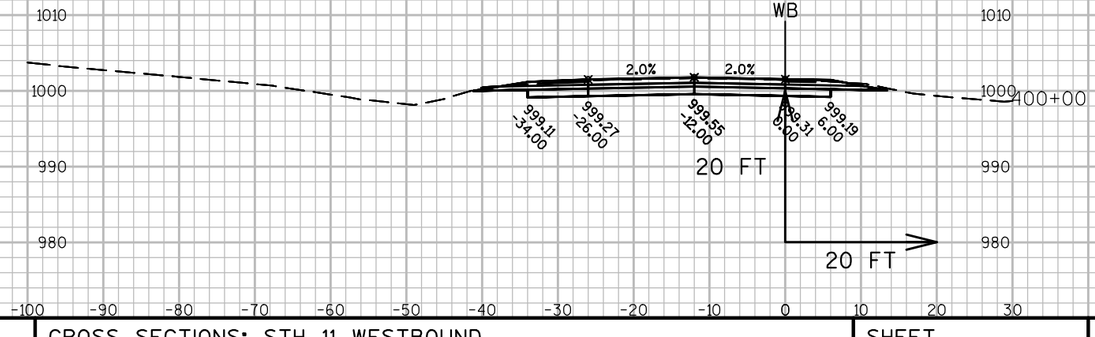












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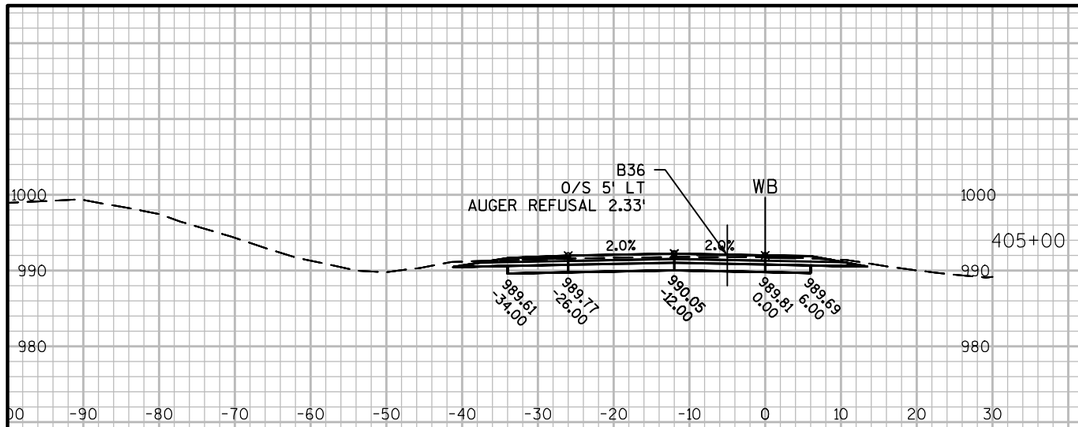
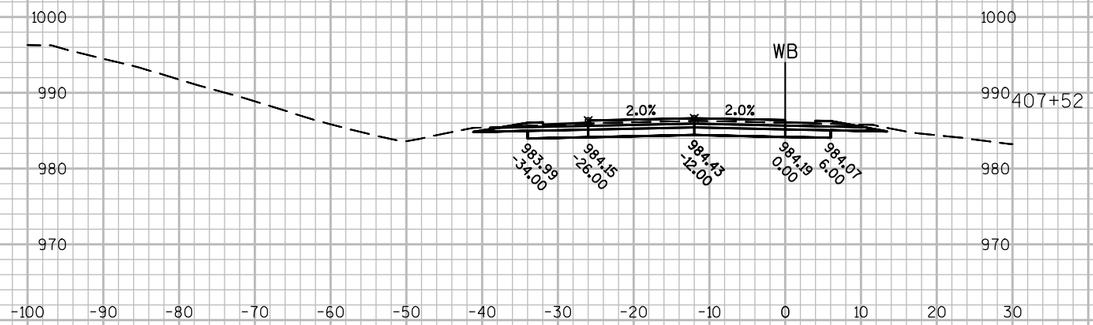
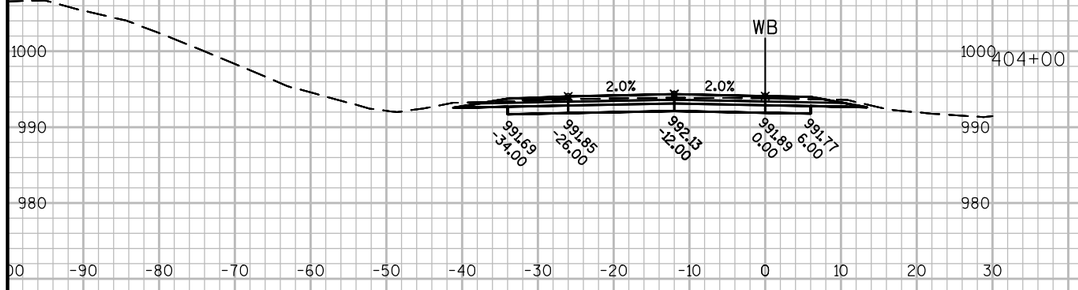
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 601	E

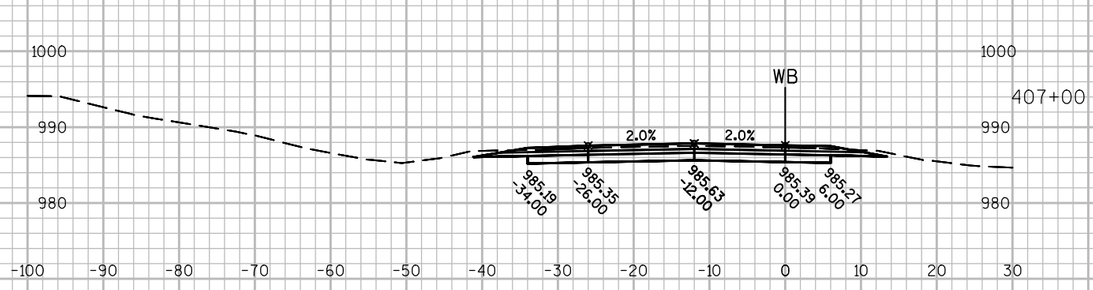
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (28)

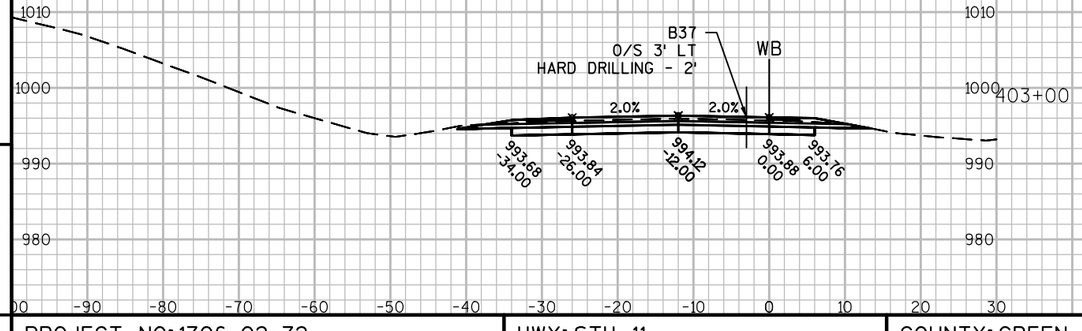
PLOT DATE : 1/22/2018 9:06 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

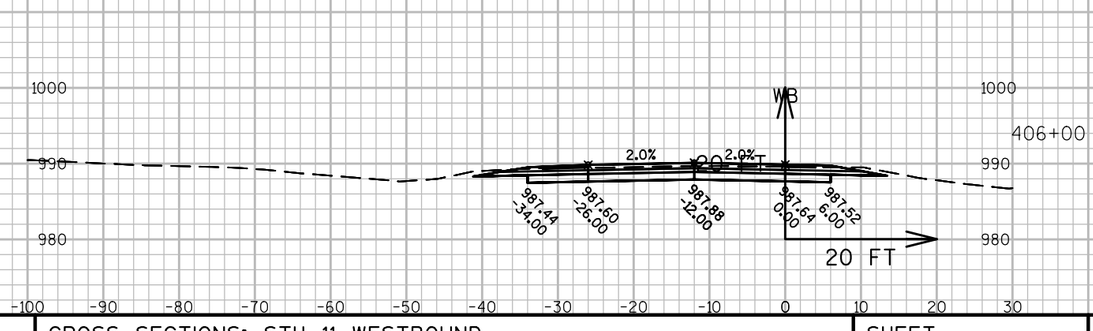




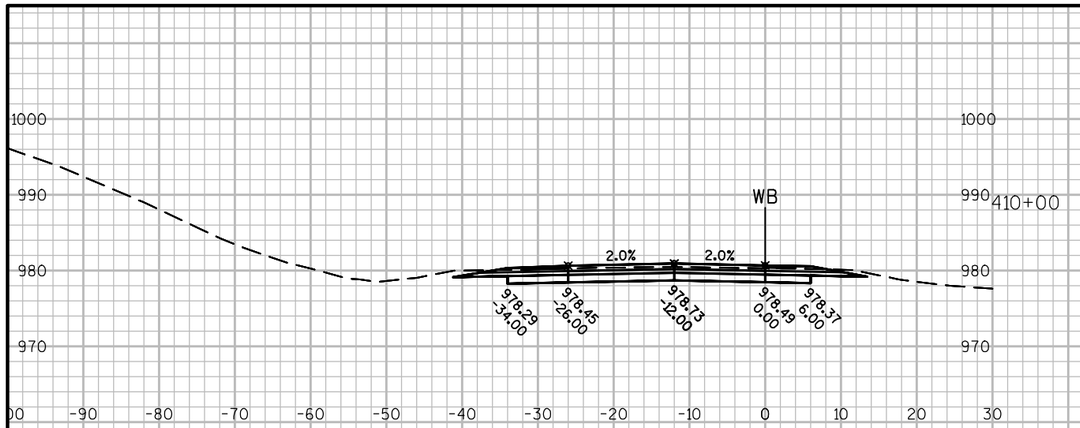


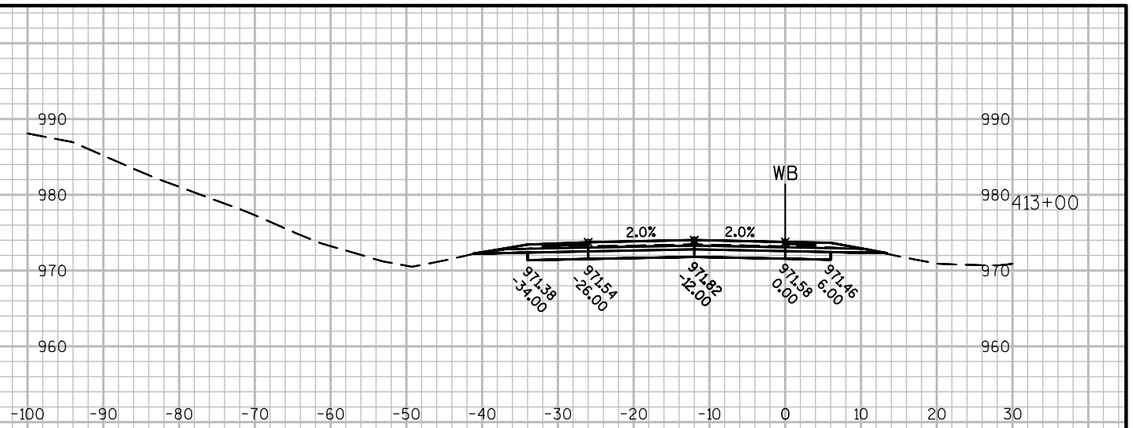


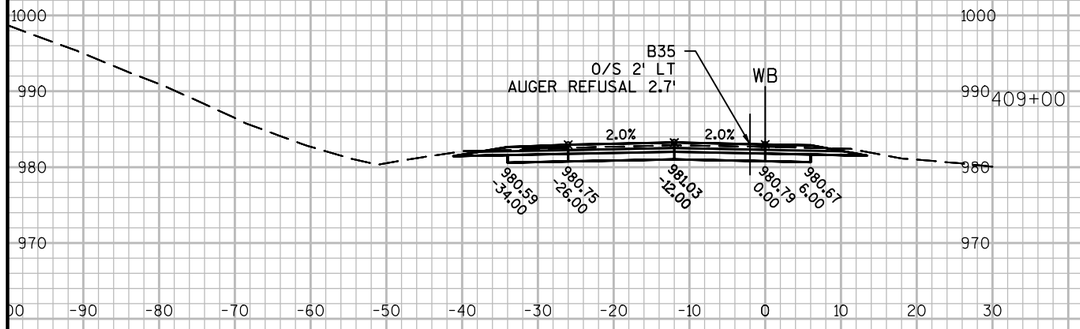


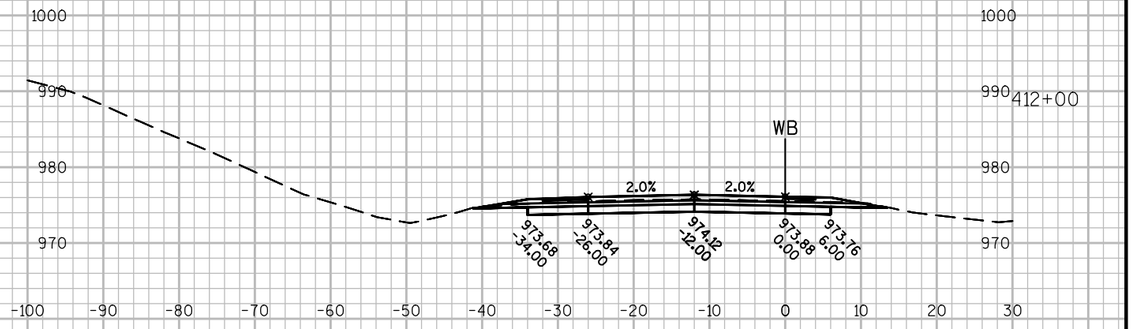


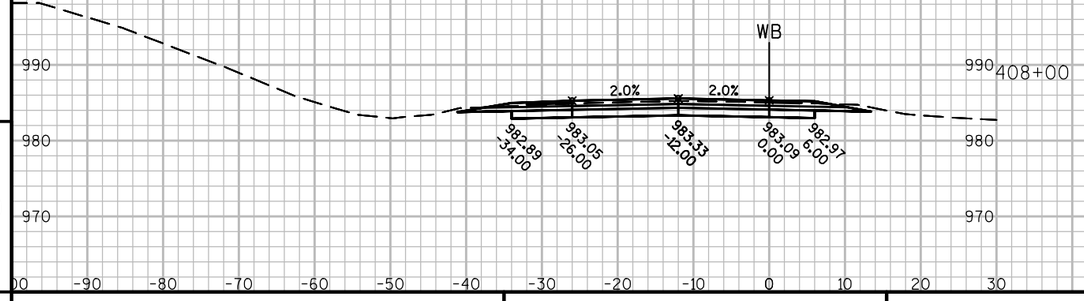
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 602	E

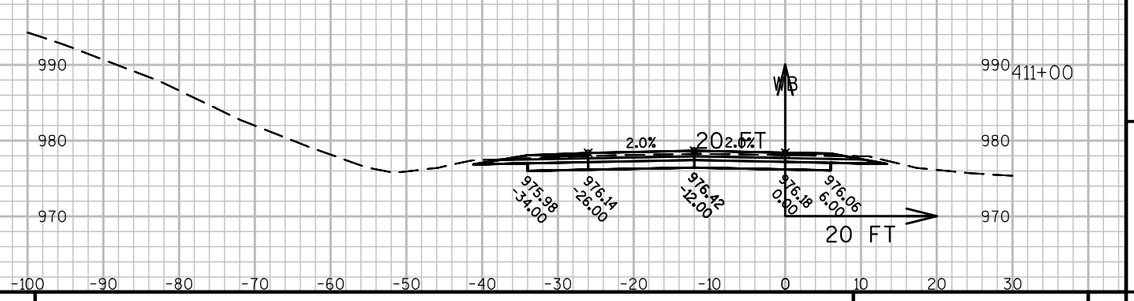












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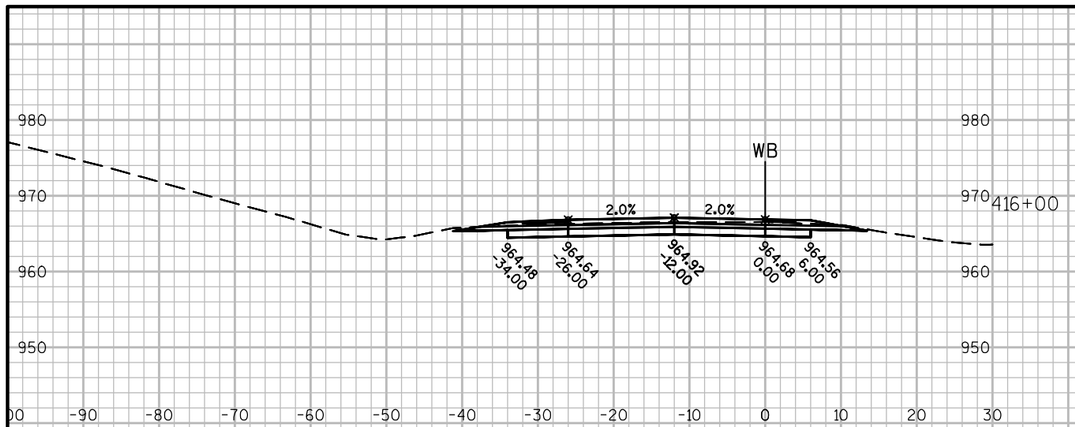
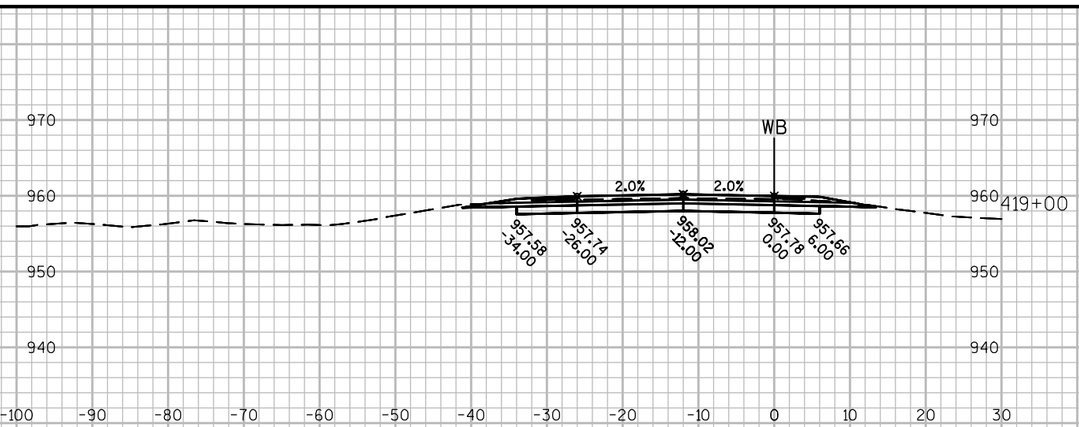
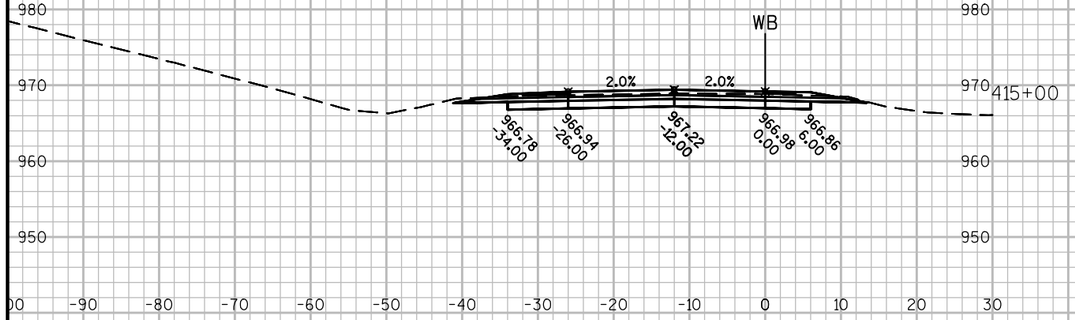
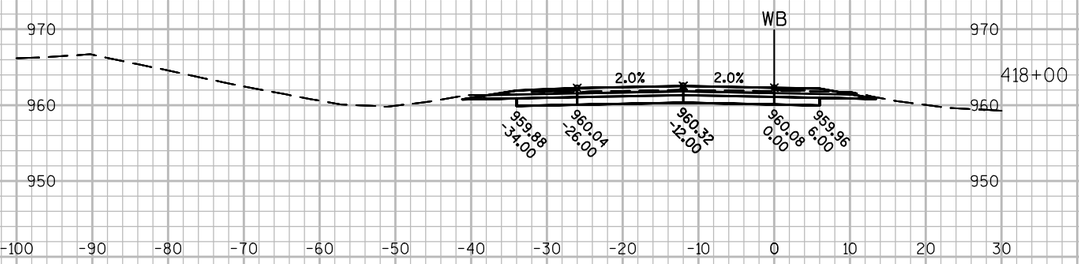
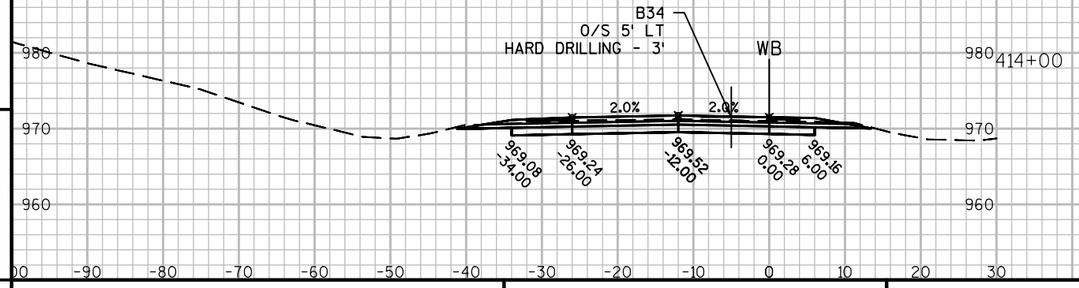
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: ~~STH~~ 11 WESTBOUND	SHEET 603	E

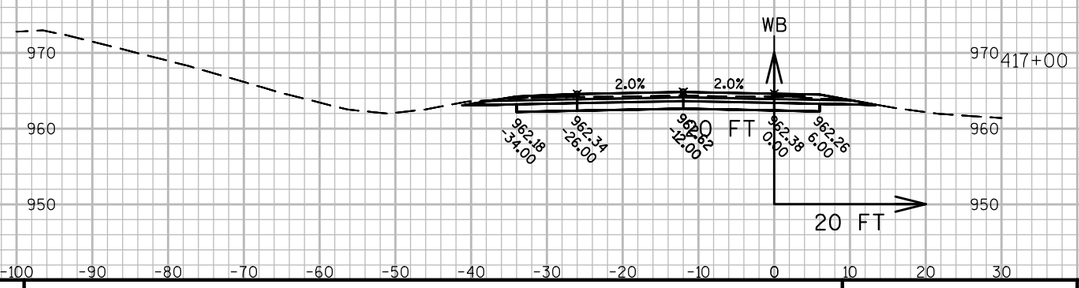












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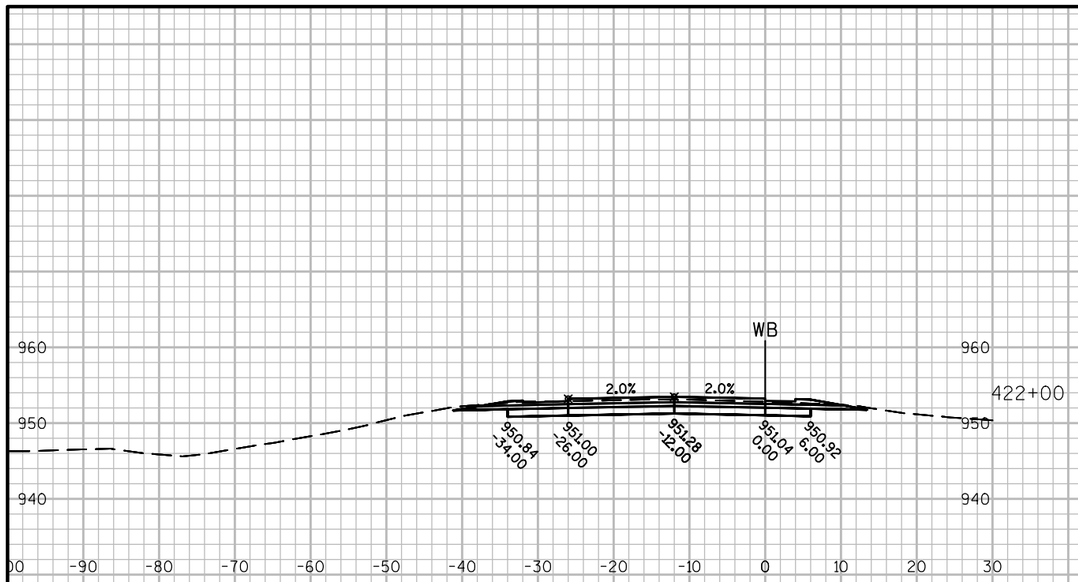
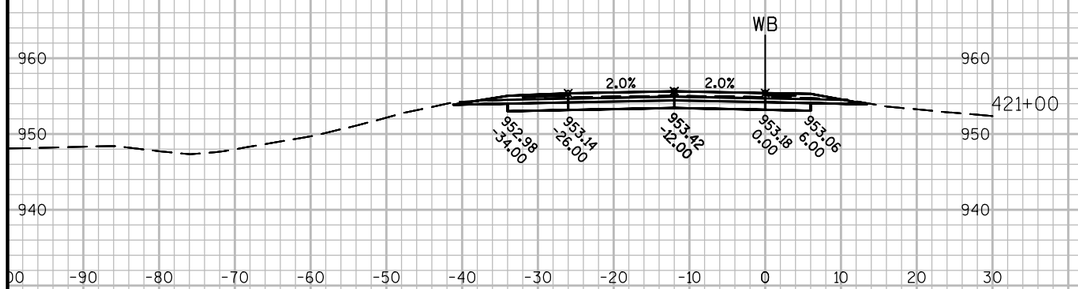
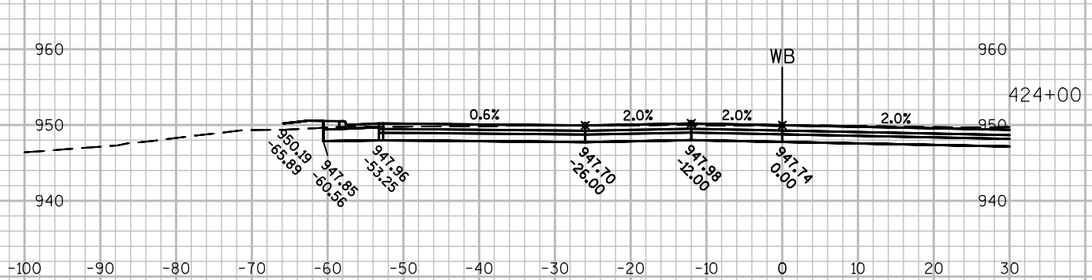
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 604	E

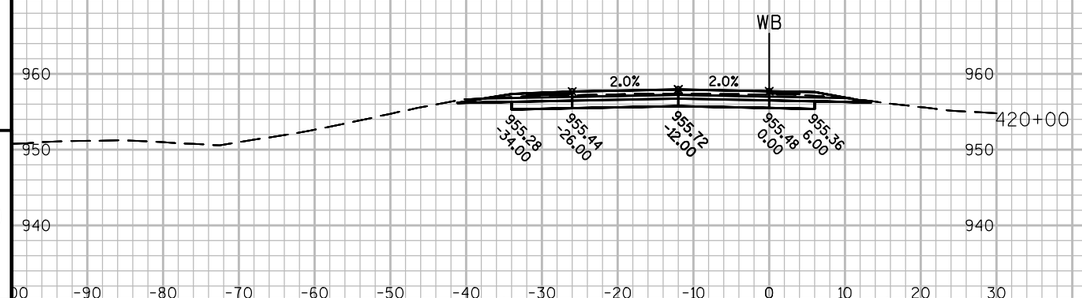
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (31)

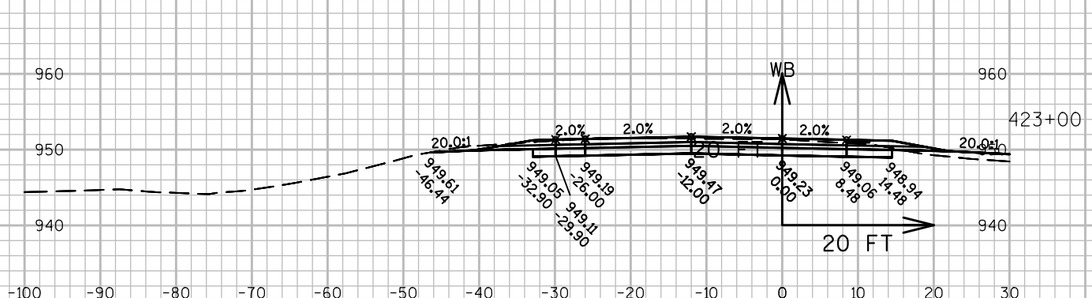
PLOT DATE : 1/22/2018 9:10 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT











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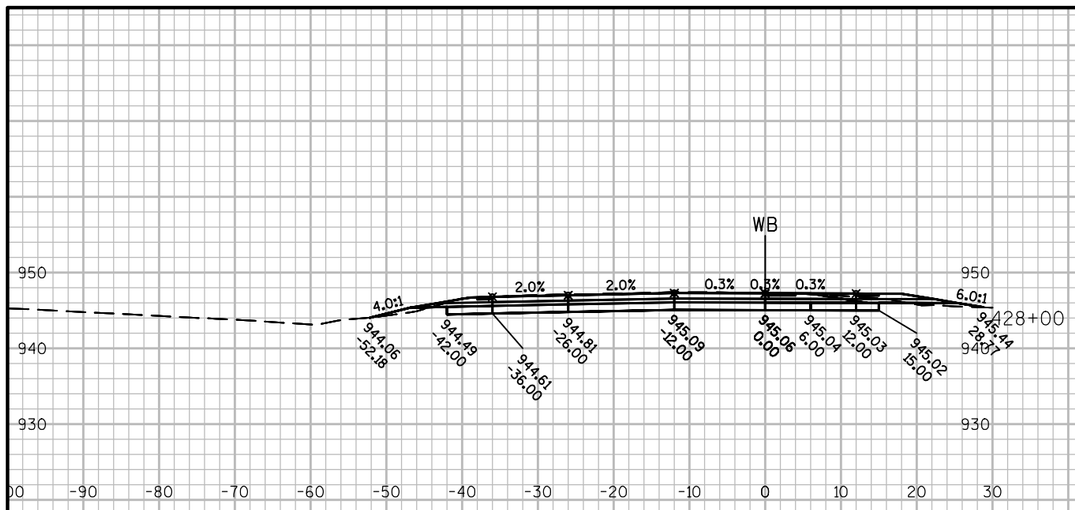
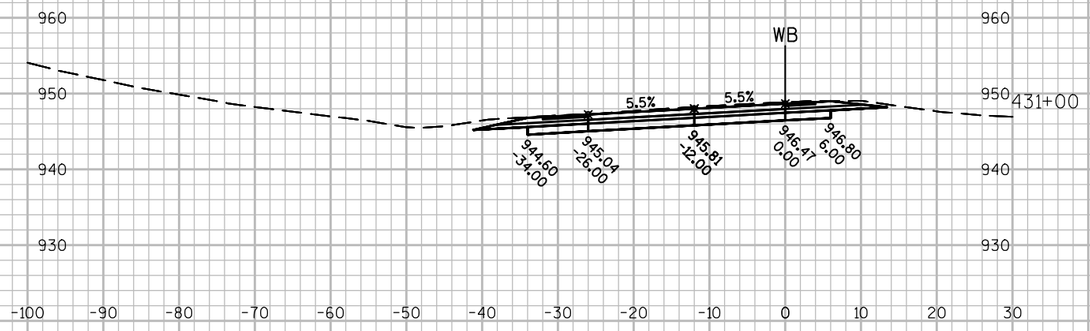
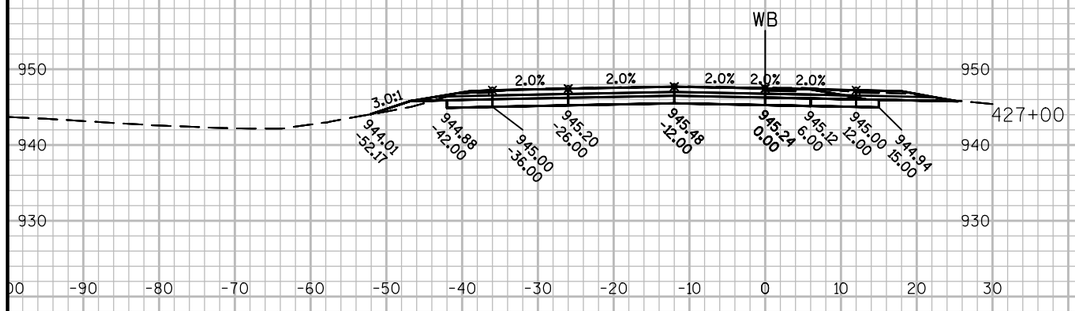
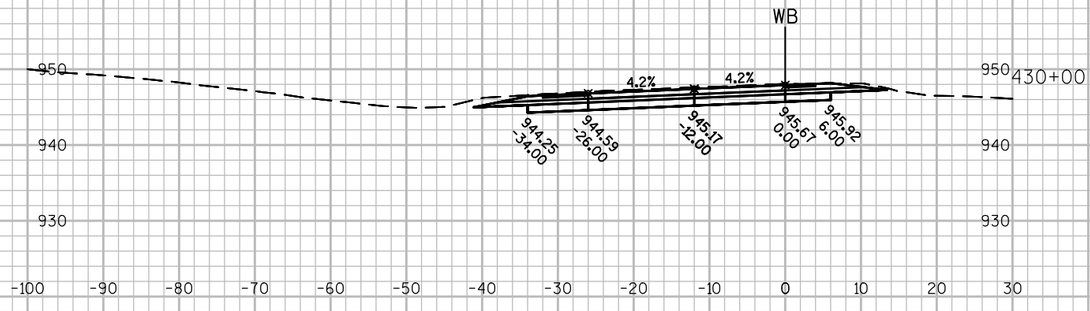
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 605	E

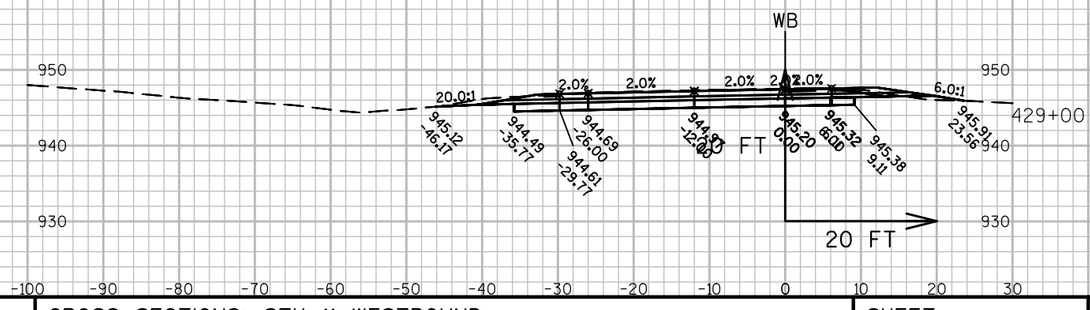
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (32)
PLOT DATE : 1/22/2018 9:11 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











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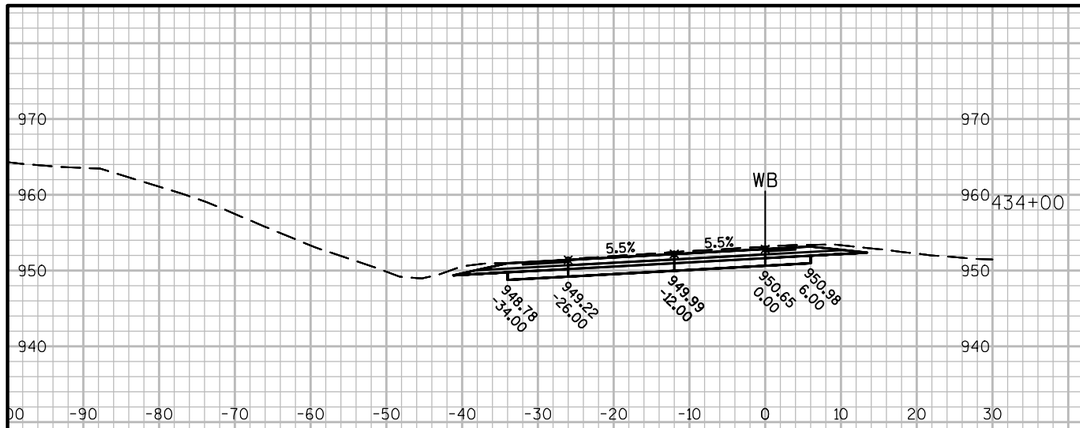
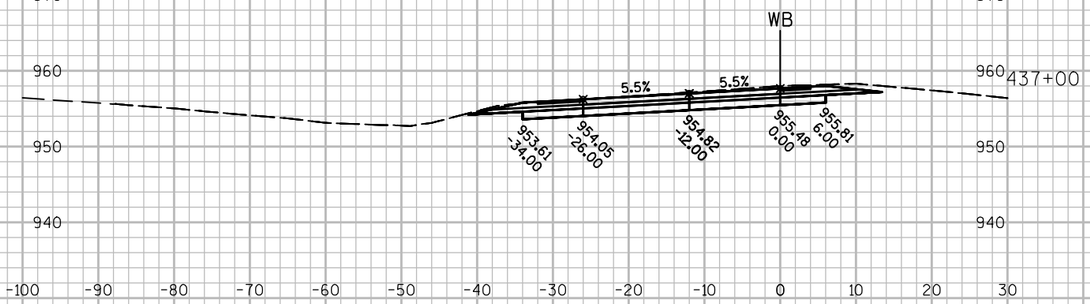
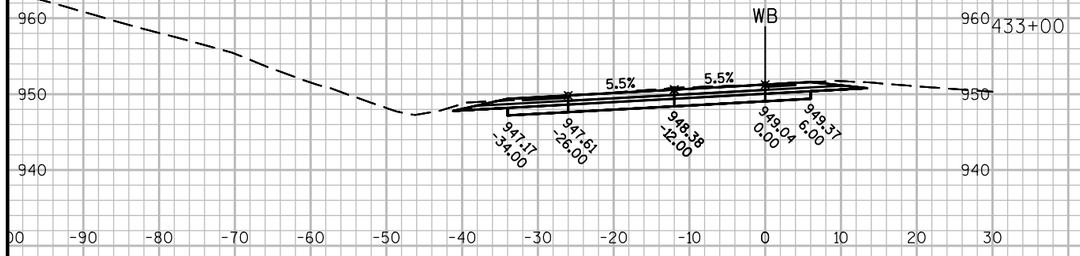
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 606	E

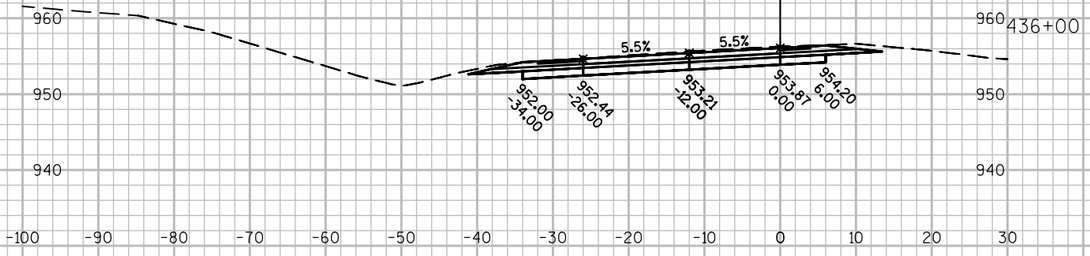
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (33)

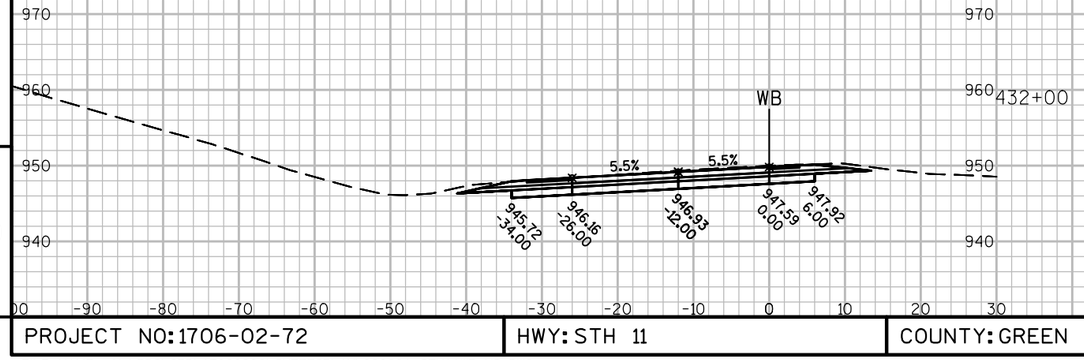
PLOT DATE : 1/22/2018 9:12 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT











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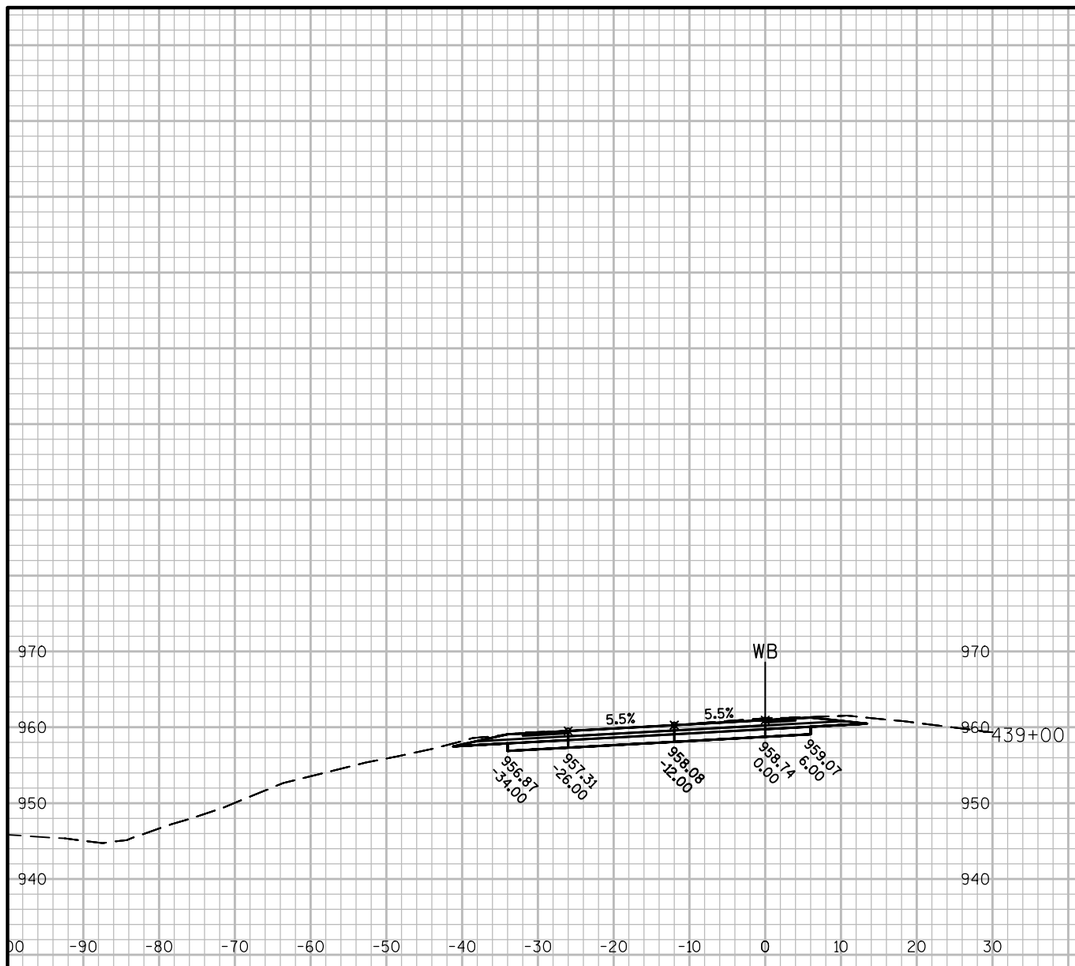
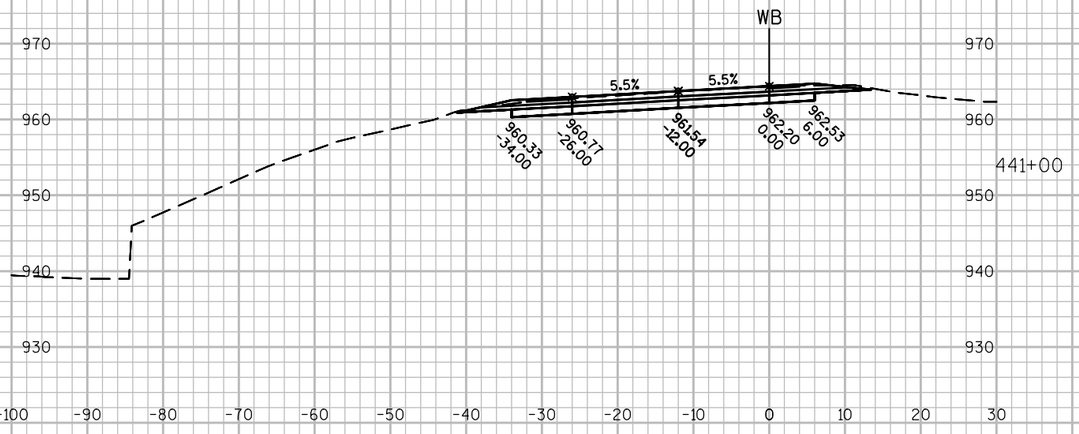
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 607	E

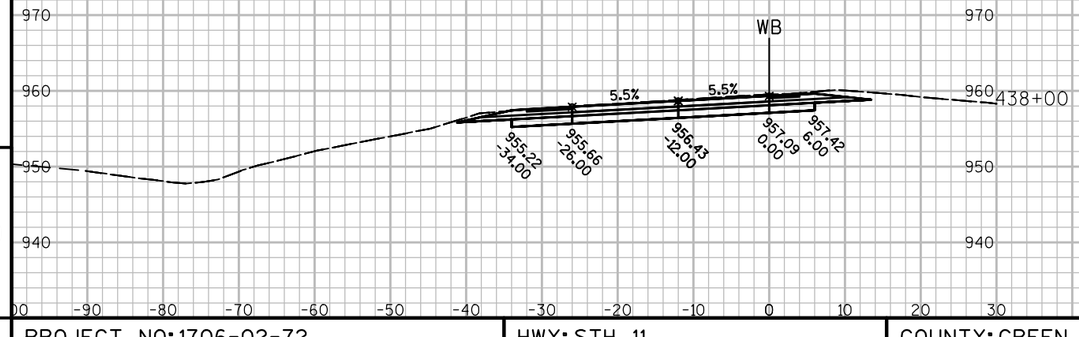
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (34)

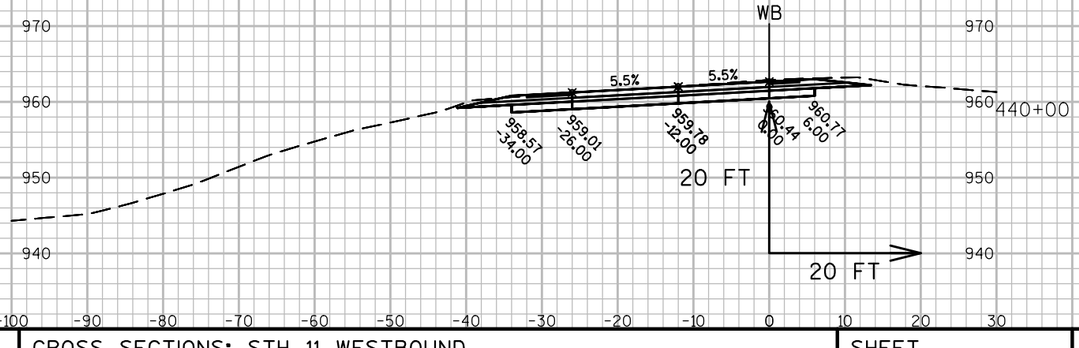
PLOT DATE : 1/22/2018 9:14 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49









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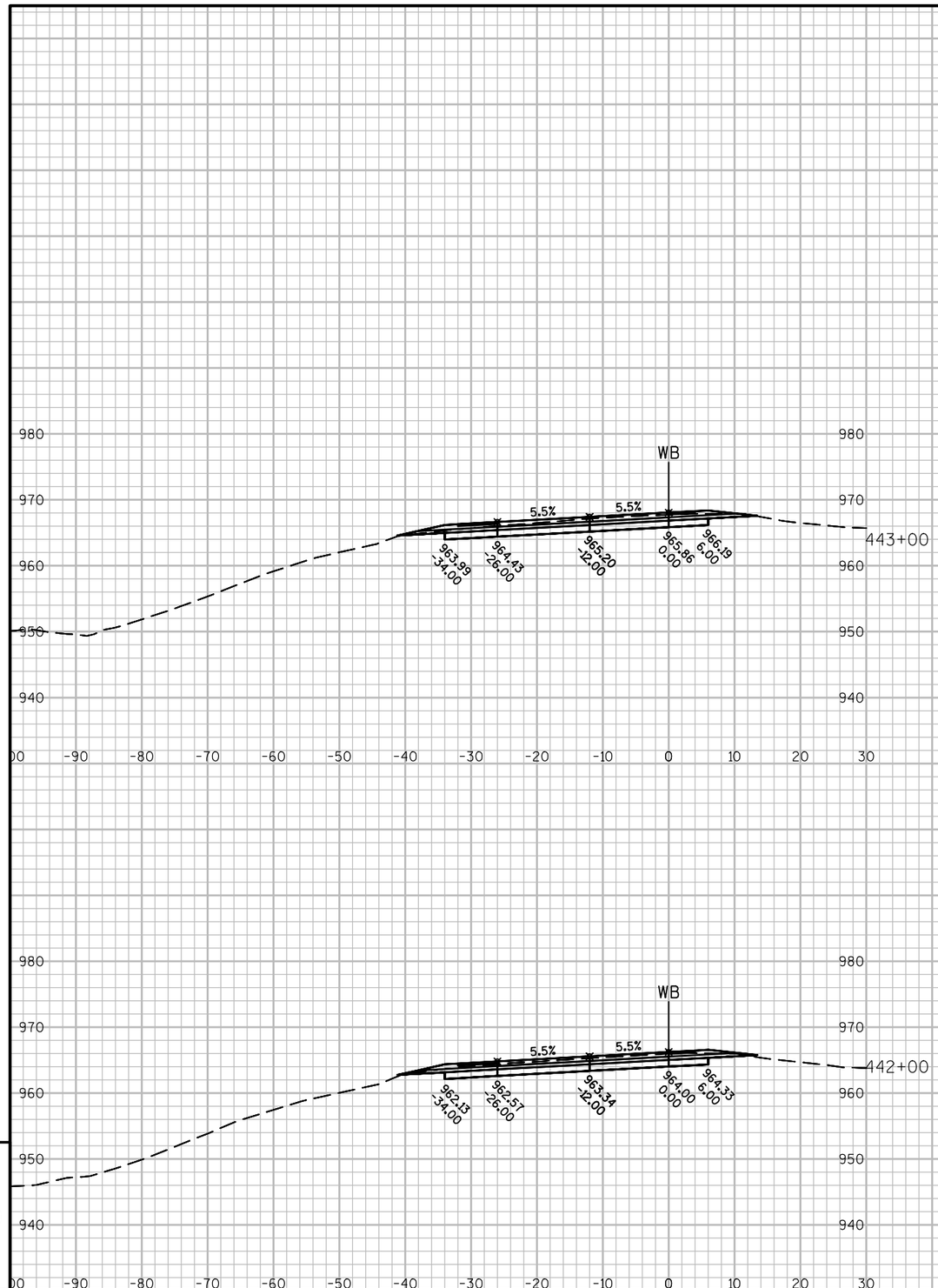
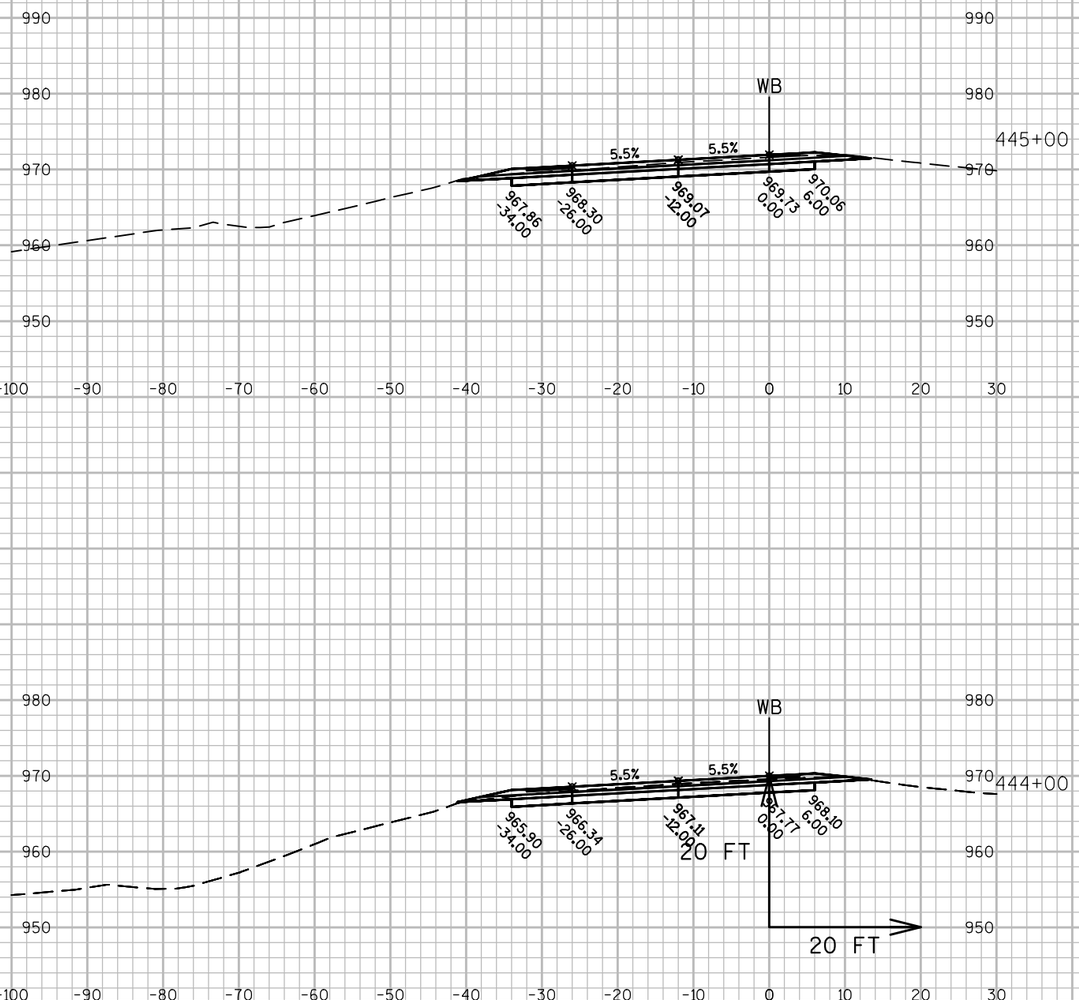
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 608	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (35)

PLOT DATE : 1/22/2018 9:15 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT





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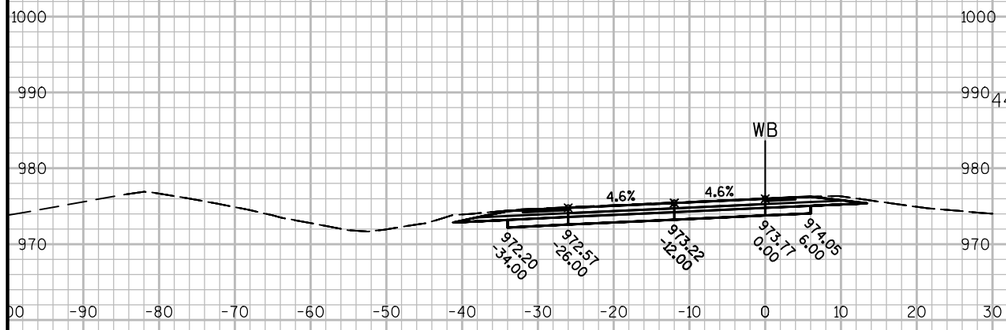
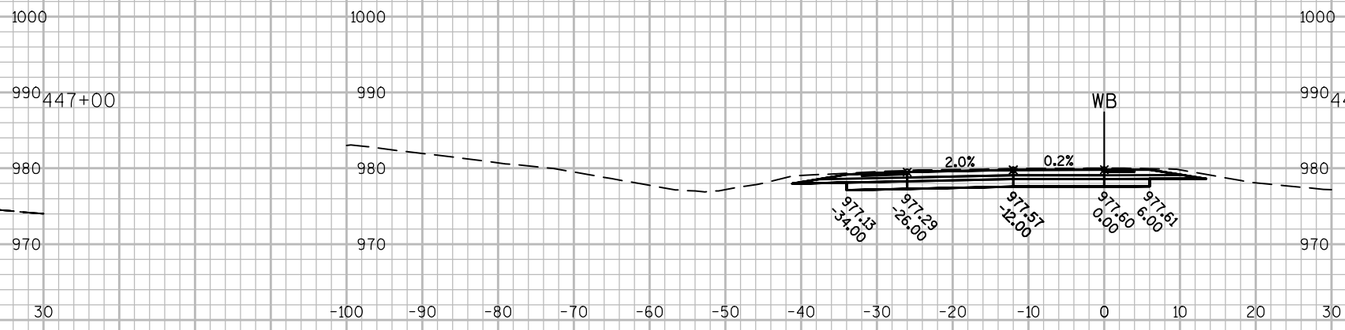
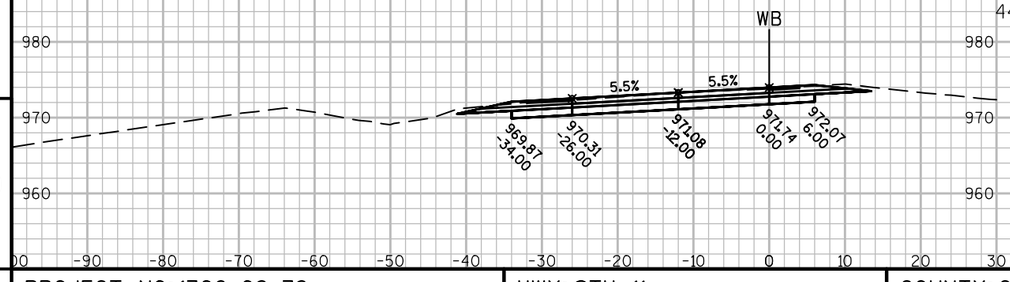
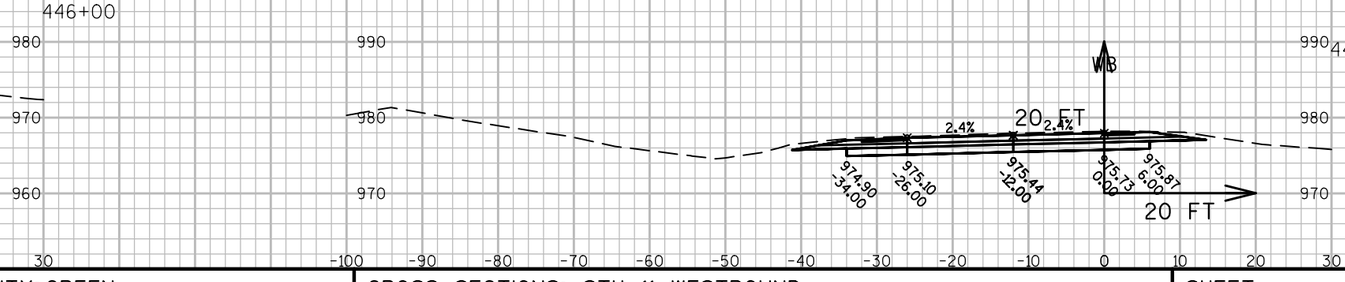
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 609 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (36)
PLOT DATE : 1/22/2018 9:16 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49







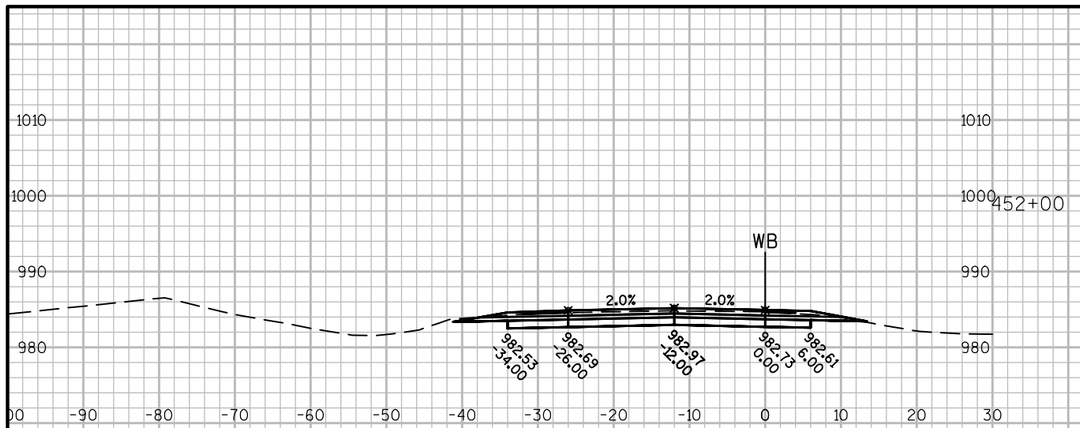


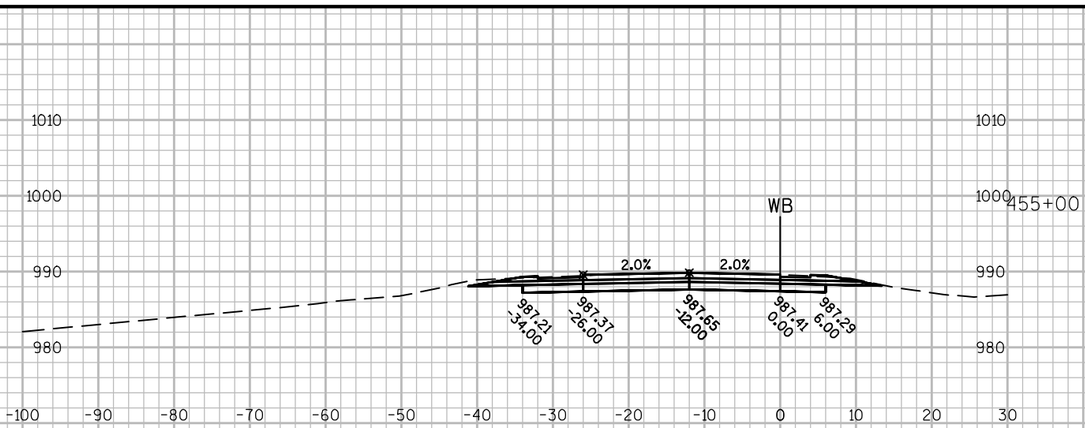
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 610	E

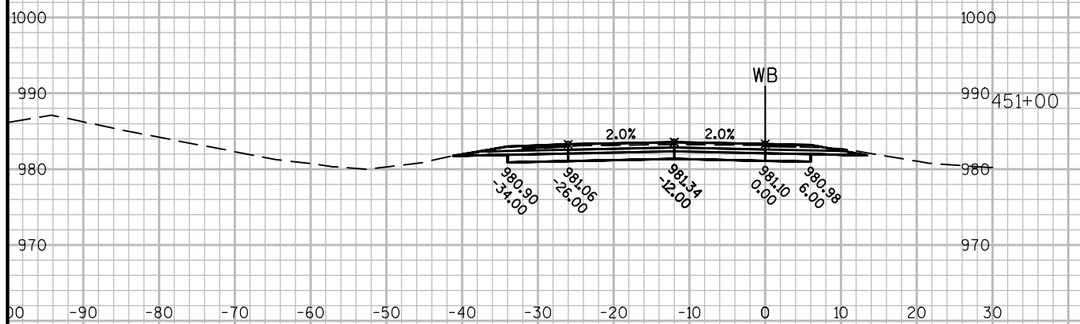
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (37)

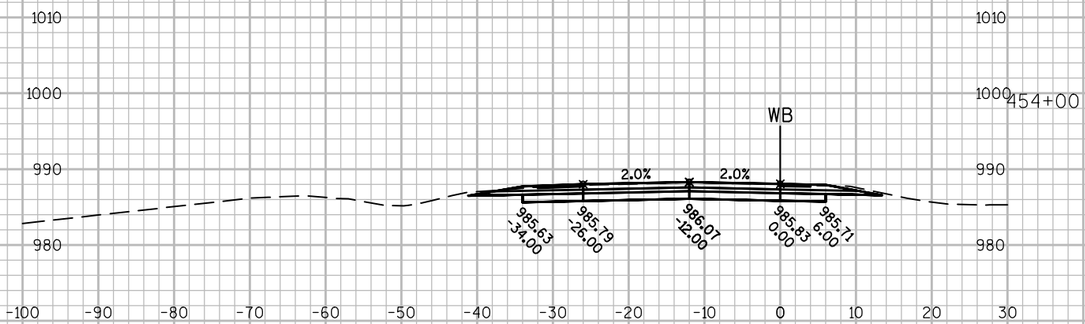
PLOT DATE : 1/22/2018 9:17 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

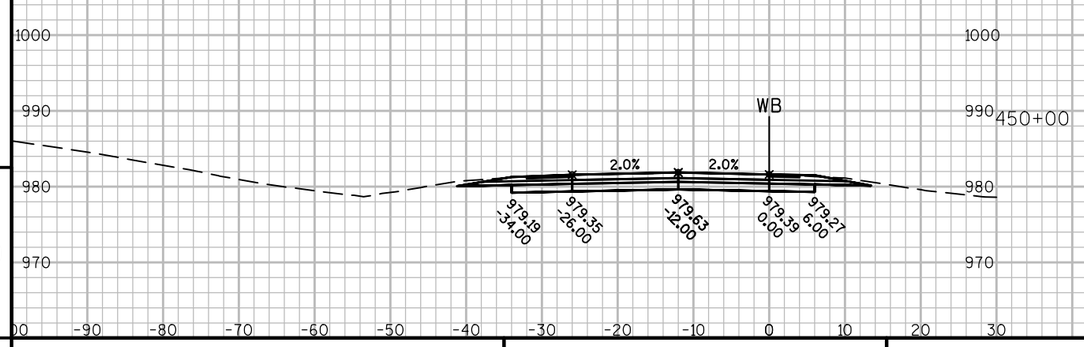
WISDOT/CADDS SHEET 49

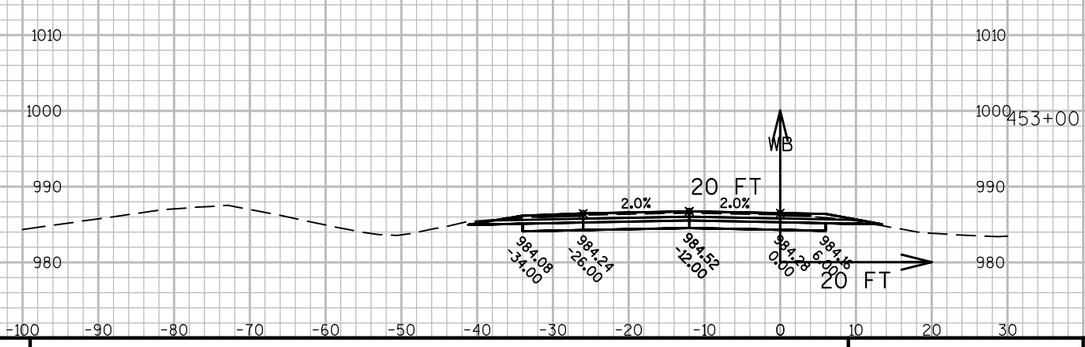












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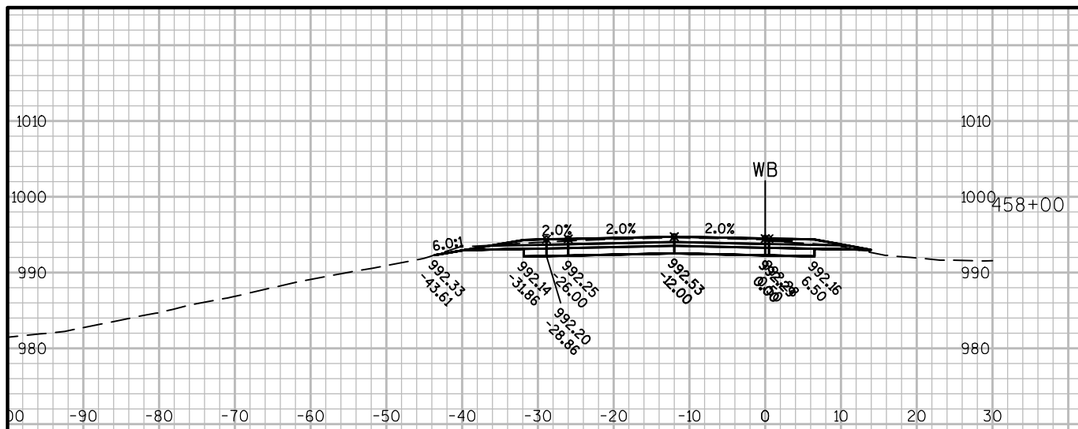
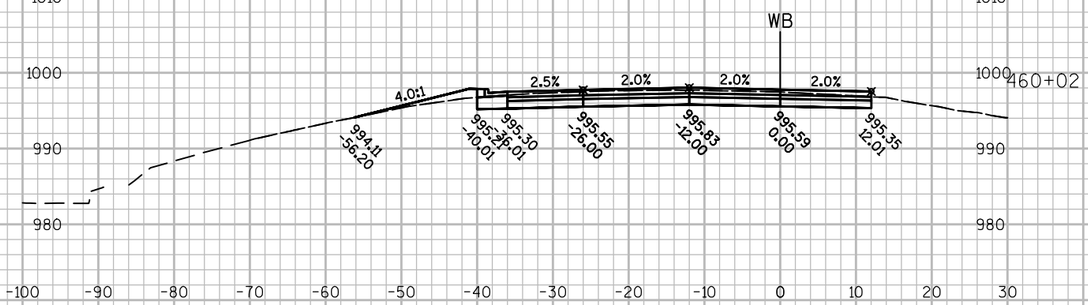
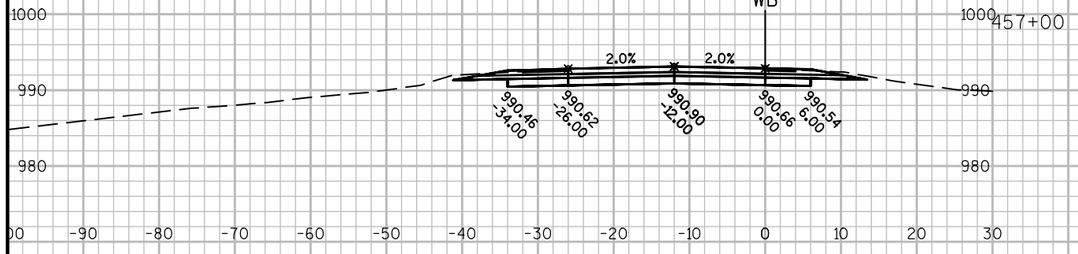
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 611	E

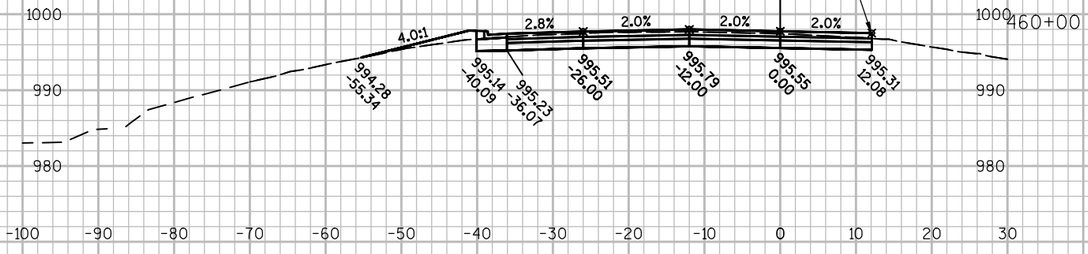
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (38)

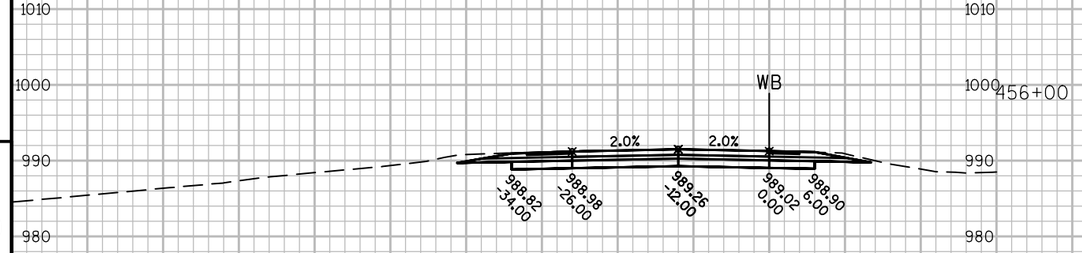
PLOT DATE : 1/22/2018 9:19 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

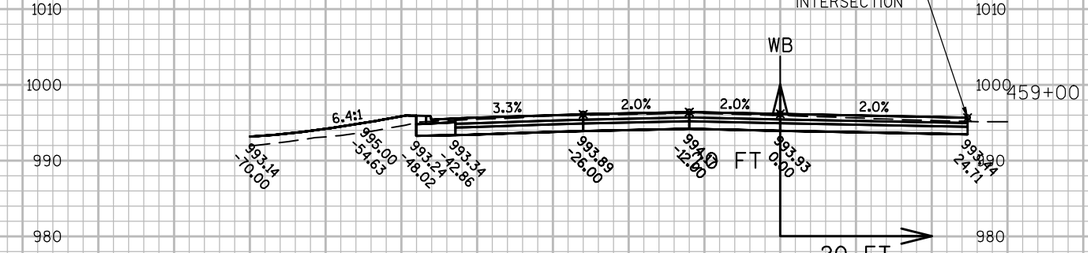












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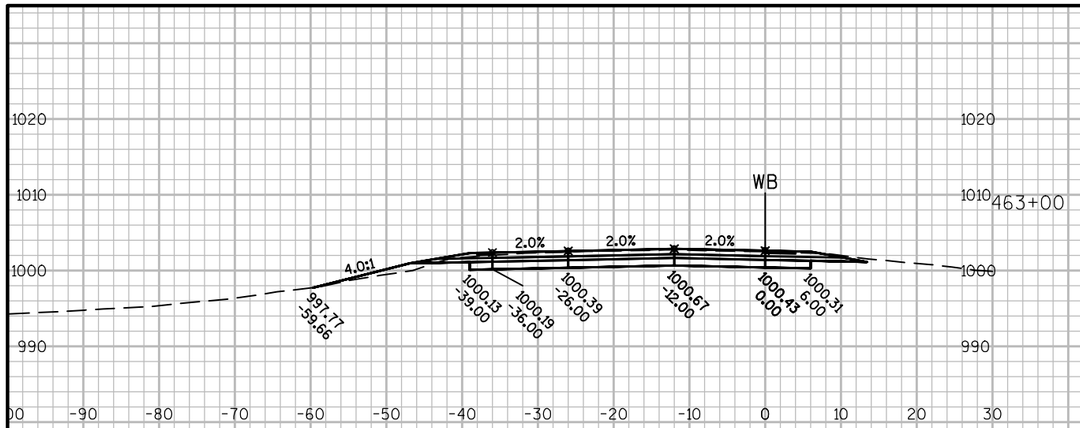
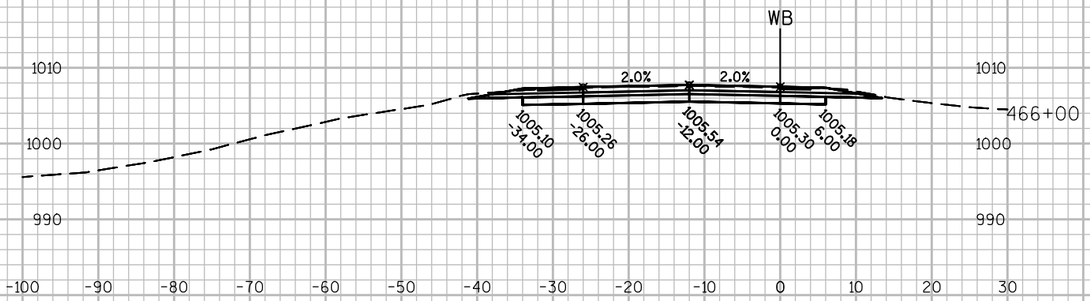
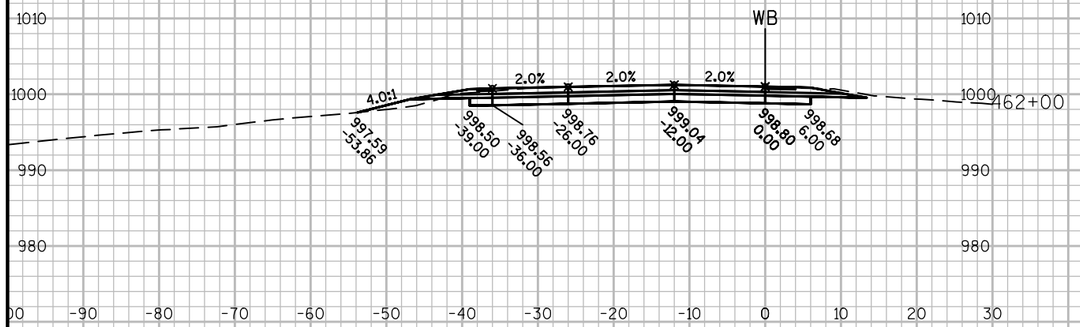
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 612	E

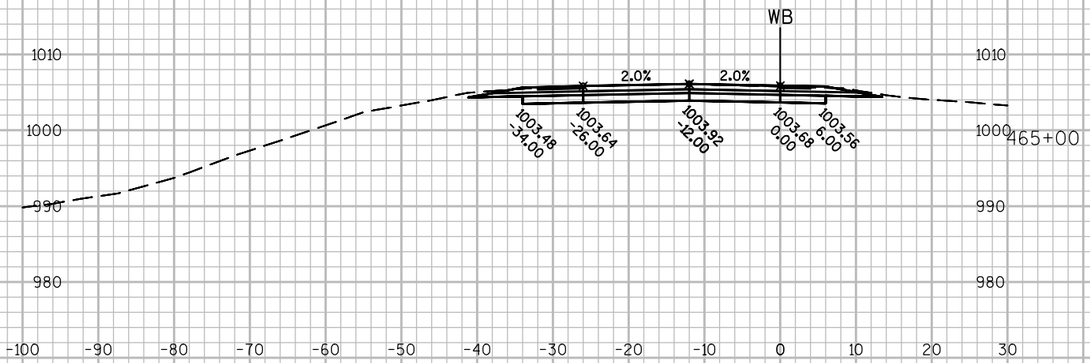
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (39)

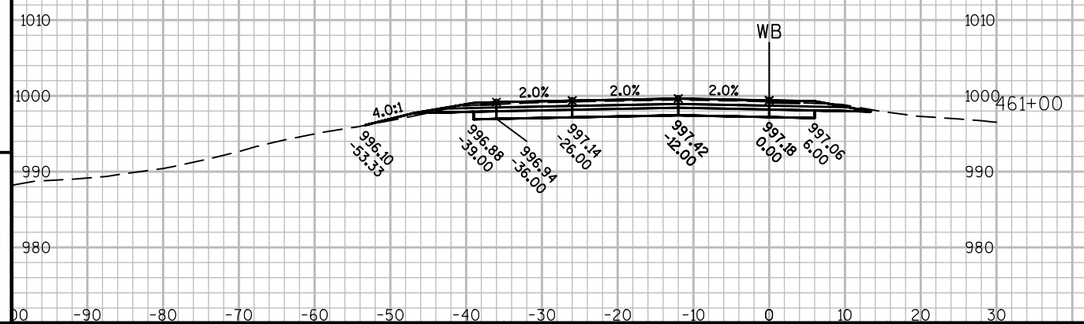
PLOT DATE : 1/22/2018 2:24 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

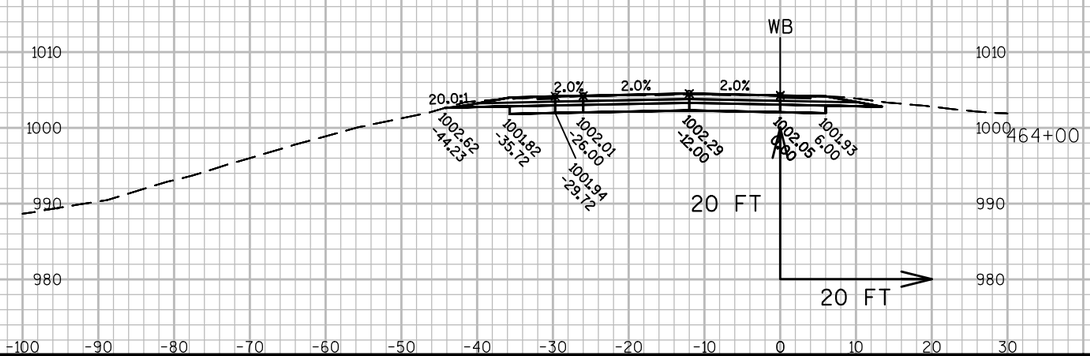












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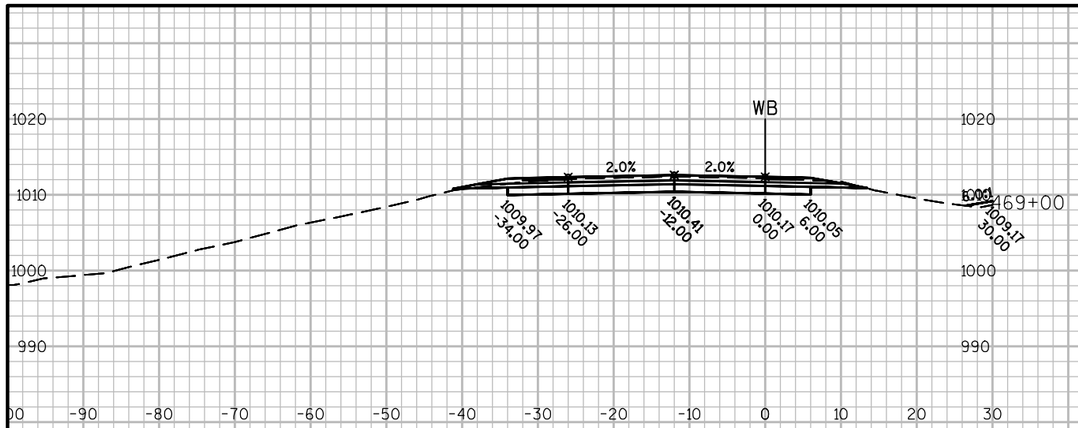
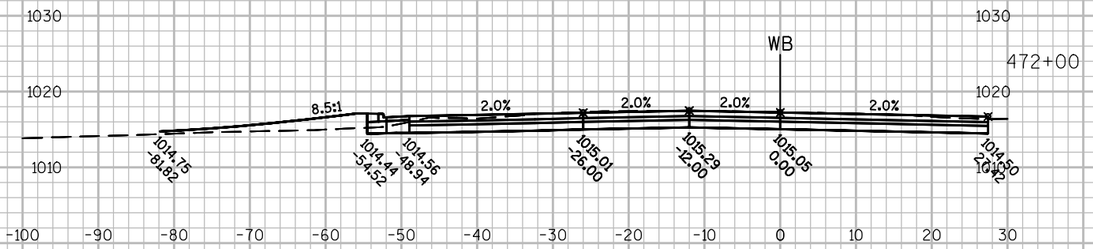
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 613	E

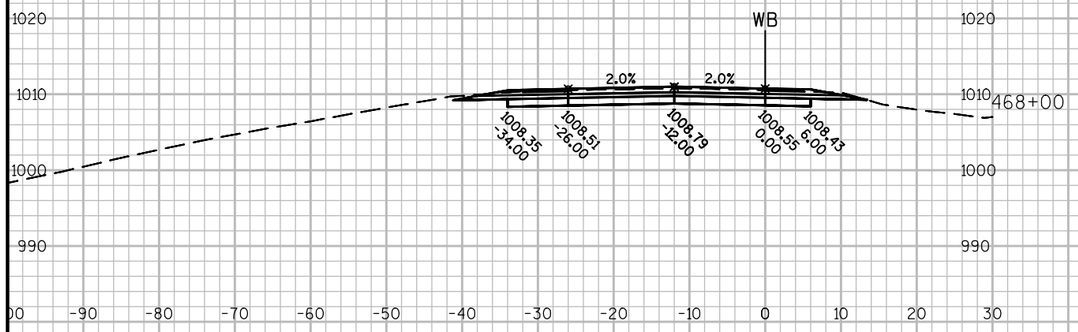
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (40)

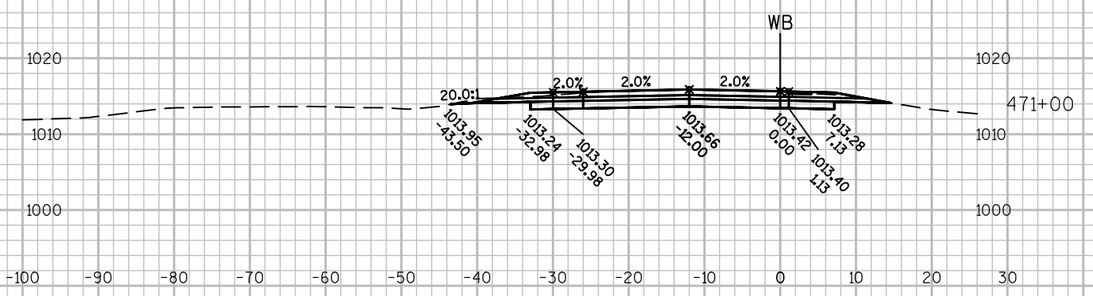
PLOT DATE : 1/22/2018 9:22 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

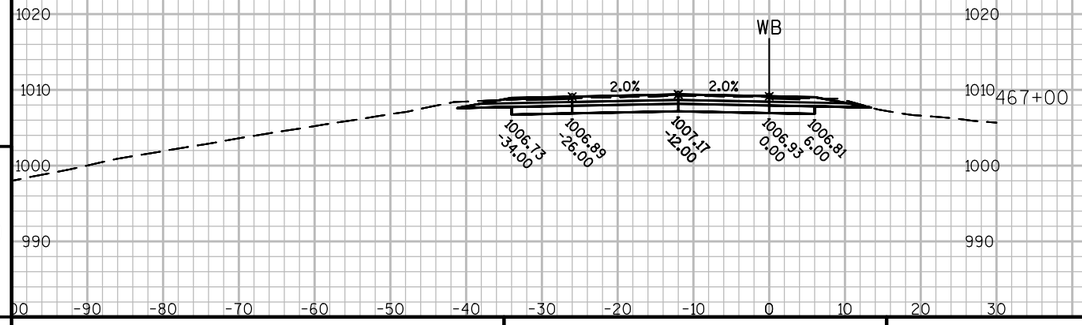
WISDOT/CADDS SHEET 49

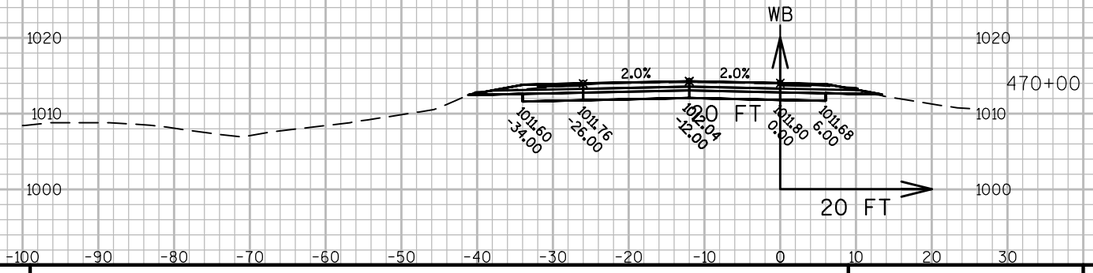












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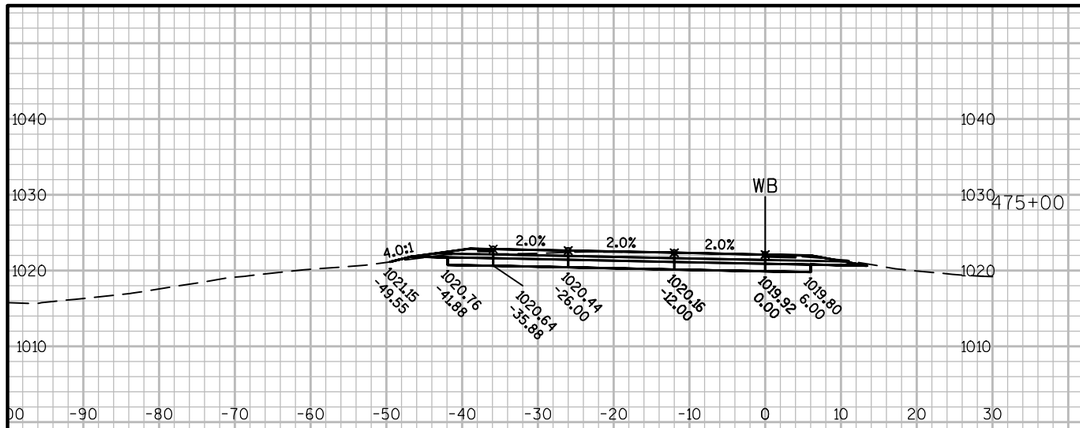
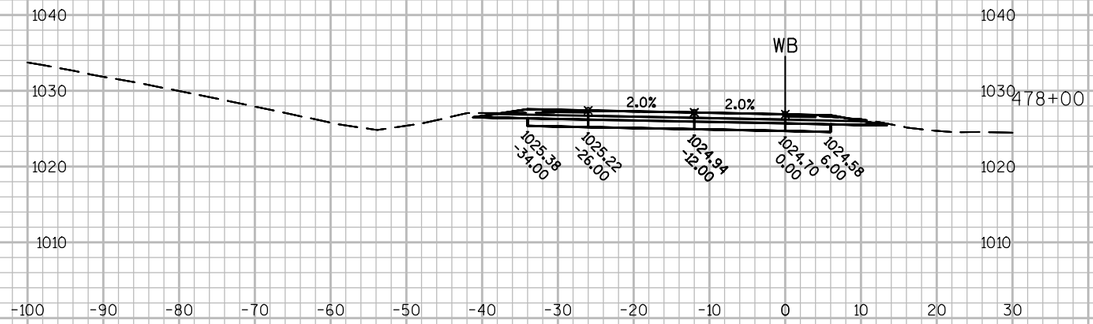
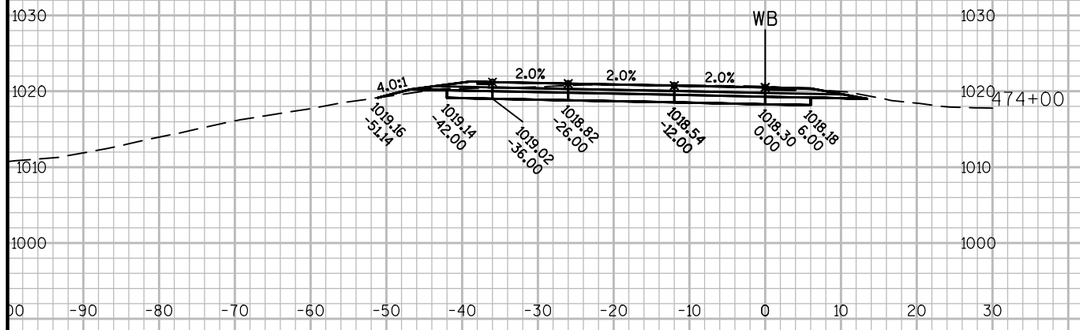
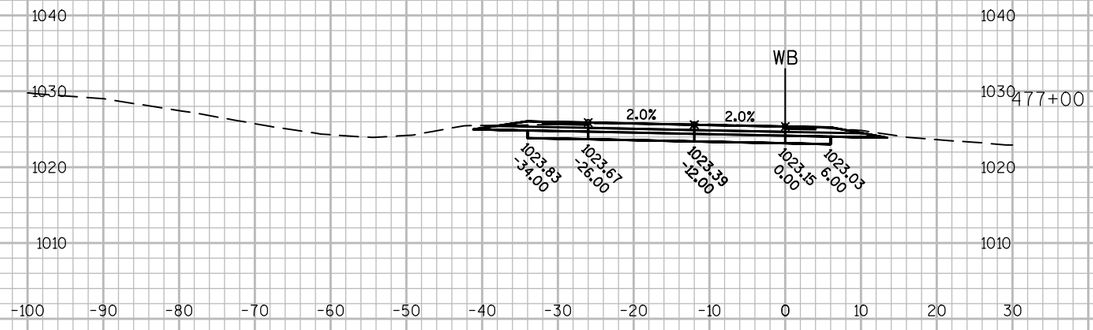
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 614	E

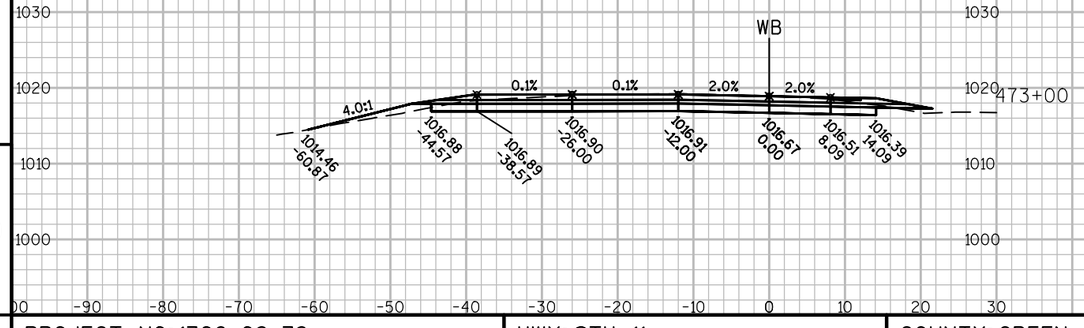
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (41)
PLOT DATE : 1/22/2018 9:23 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

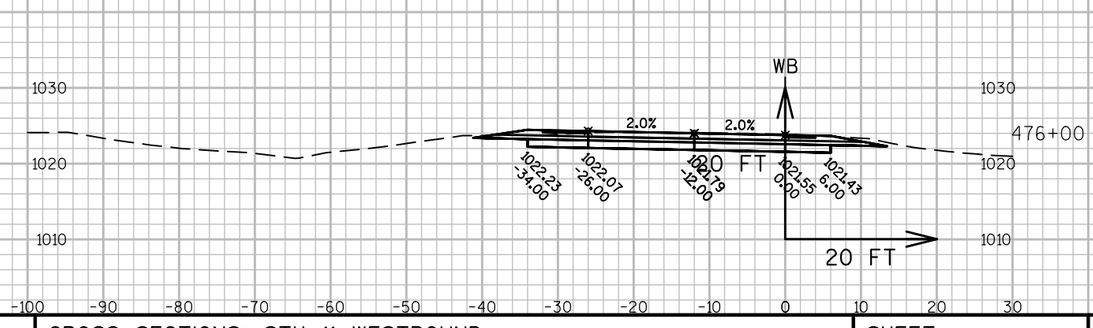












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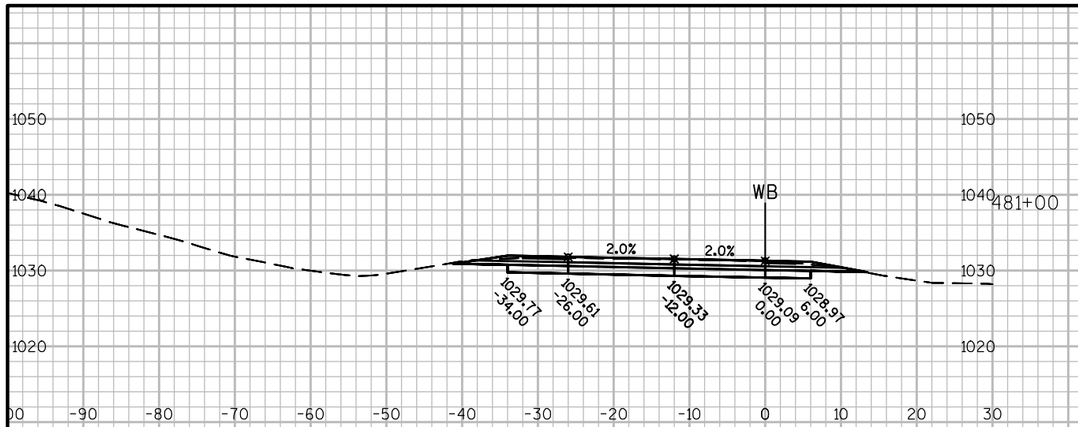
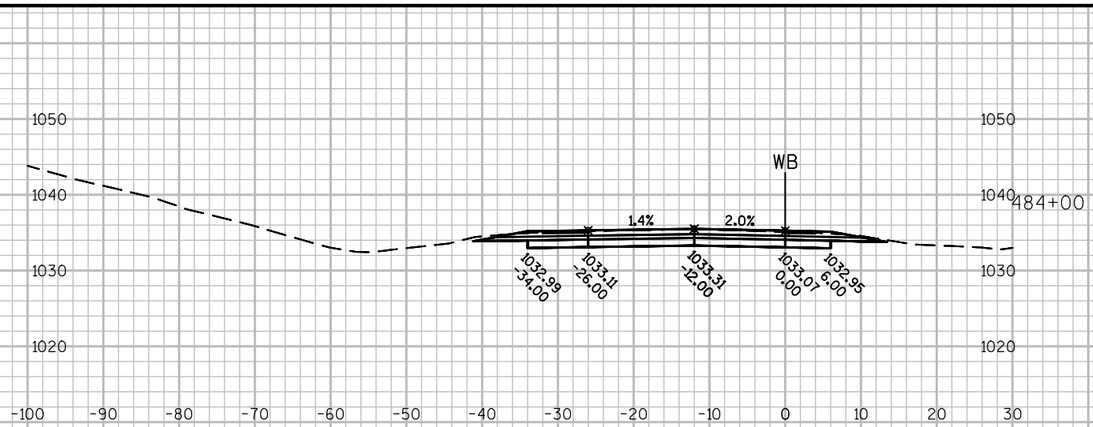
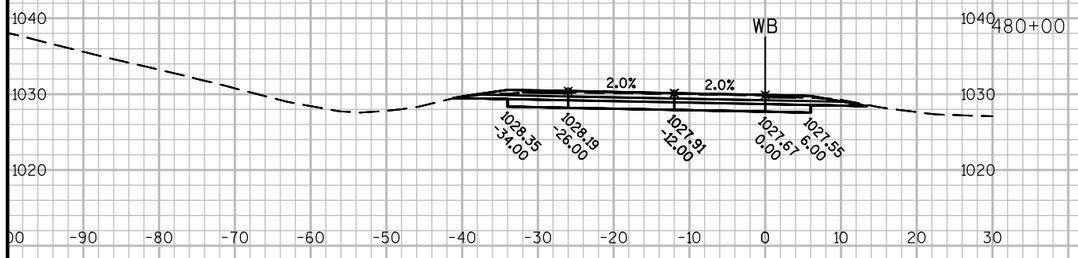
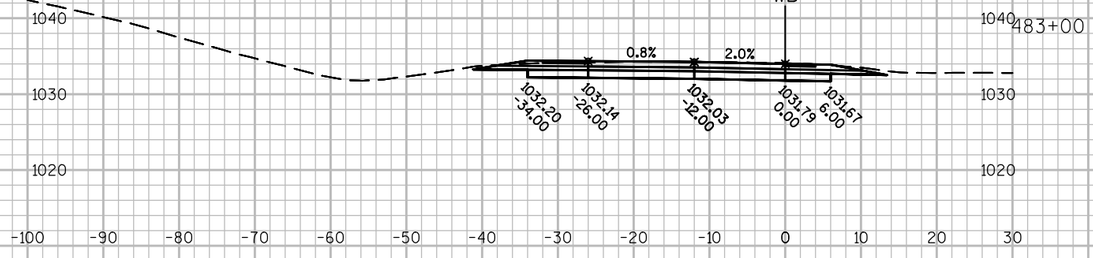
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 615	E

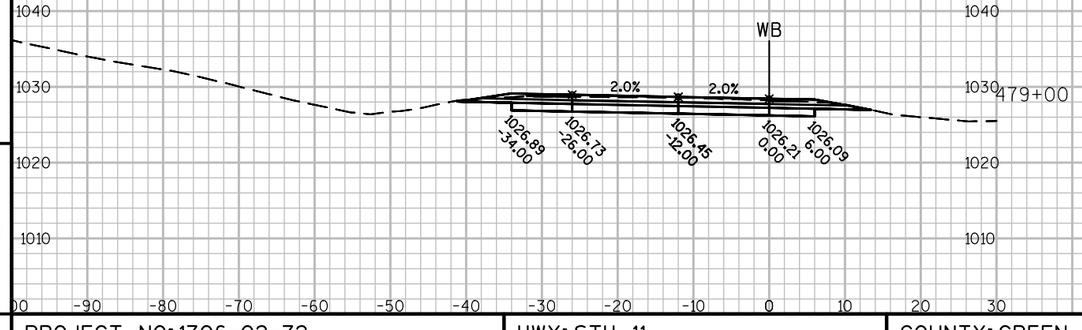
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (42)
PLOT DATE : 1/22/2018 1:42 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

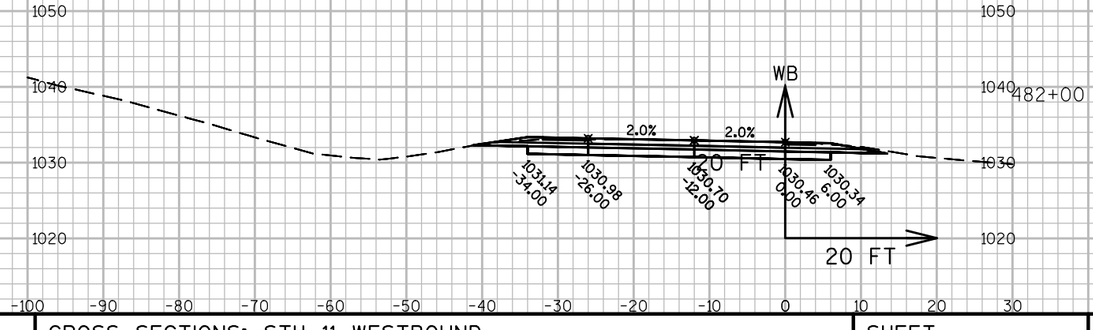












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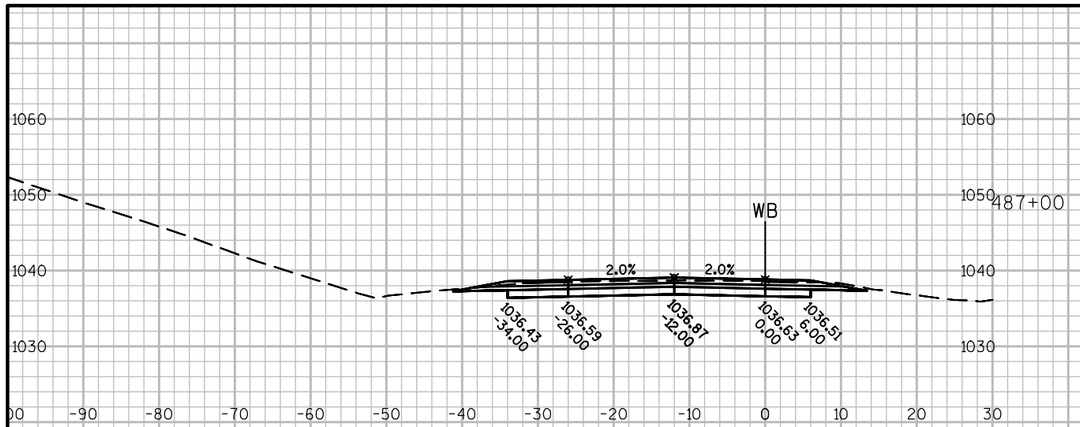
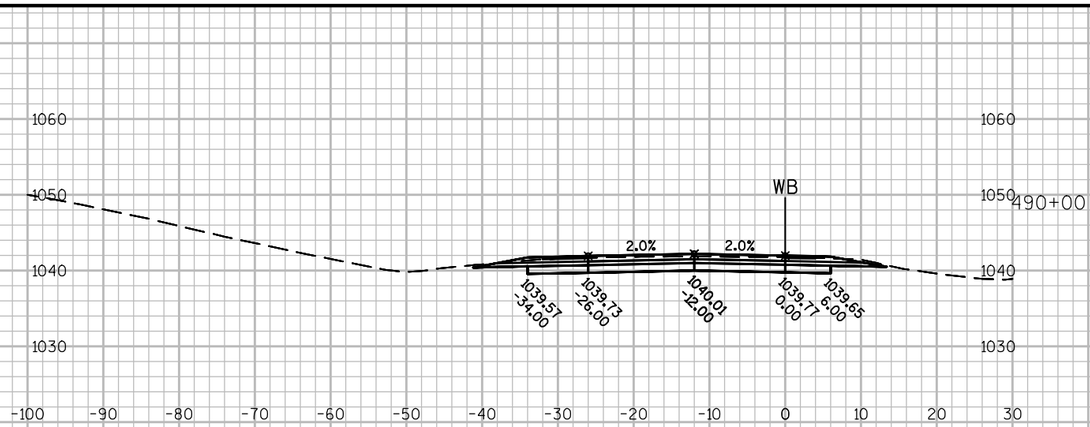
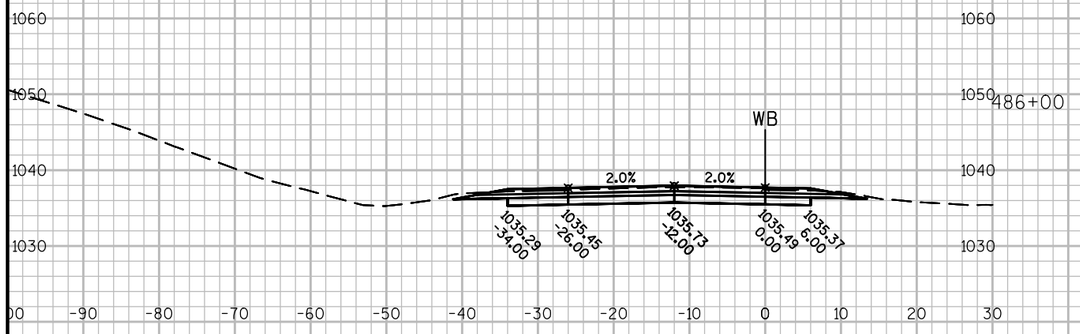
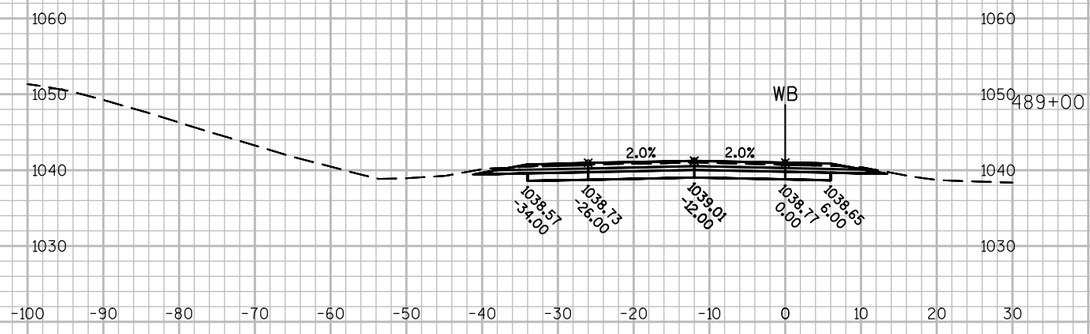
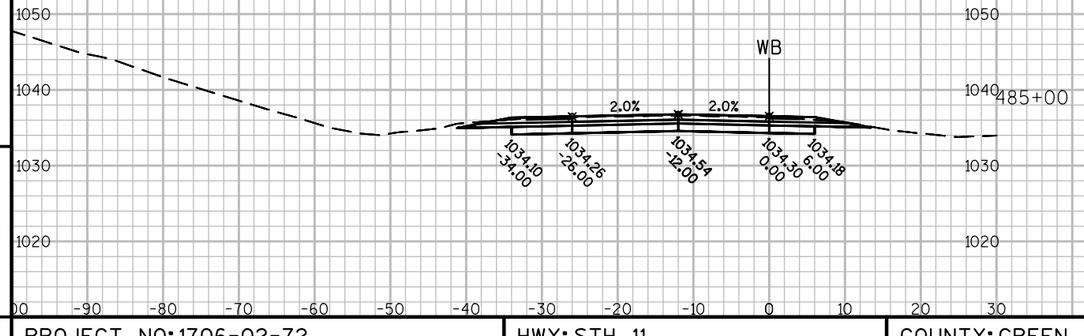
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: ~~STH~~ 11 WESTBOUND	SHEET 616	E

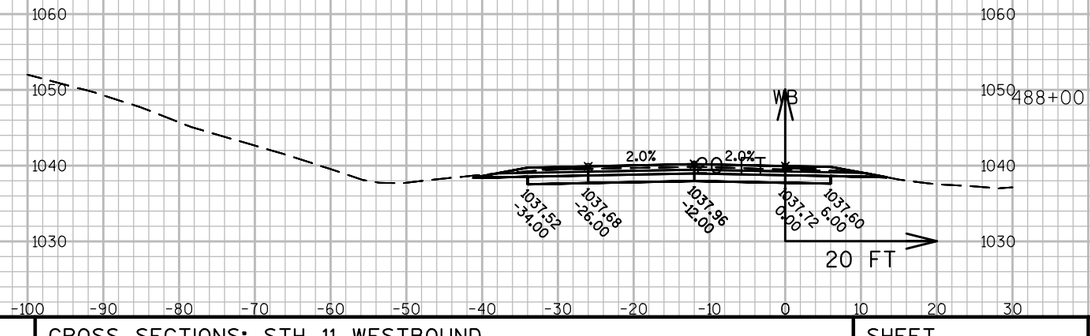








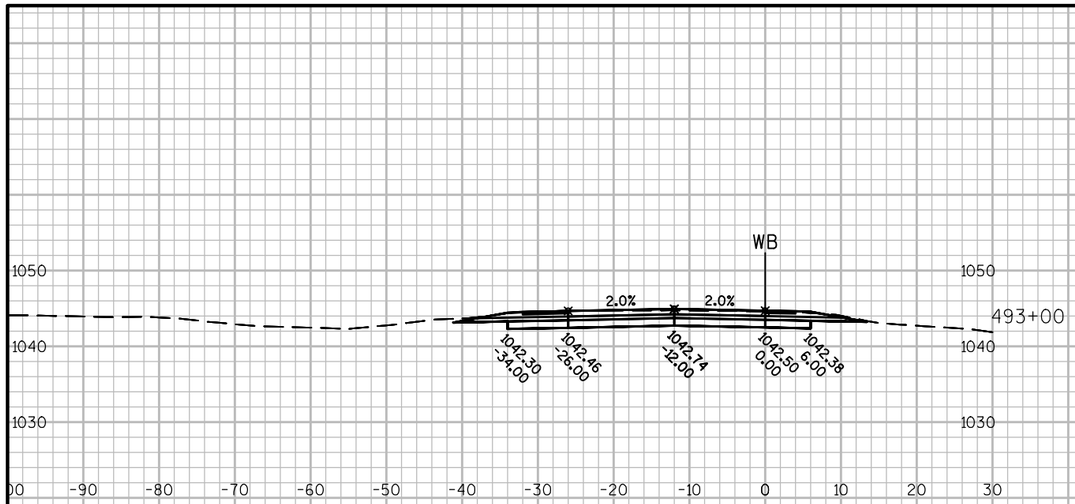


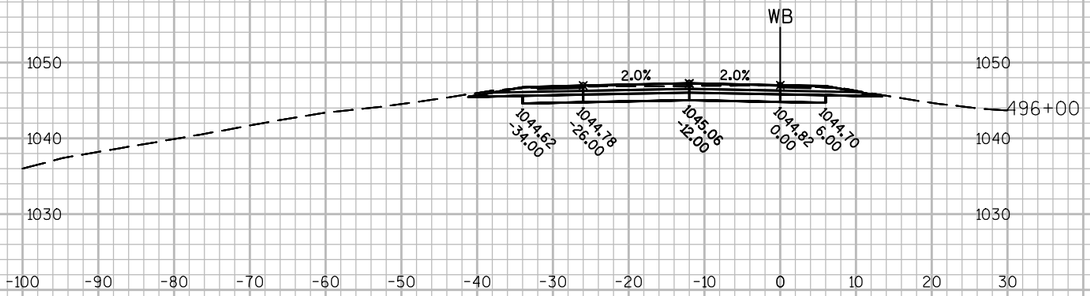


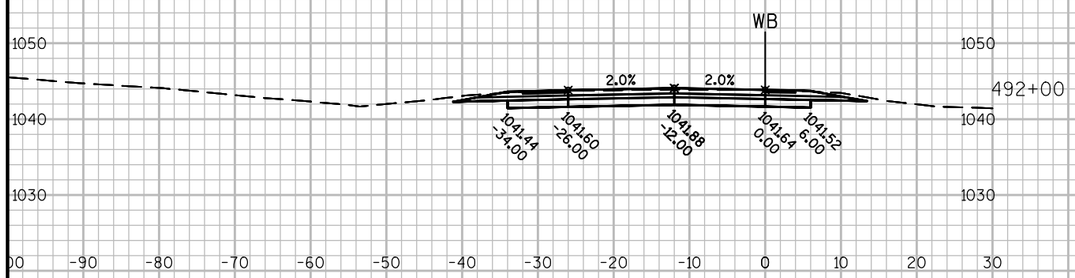
9

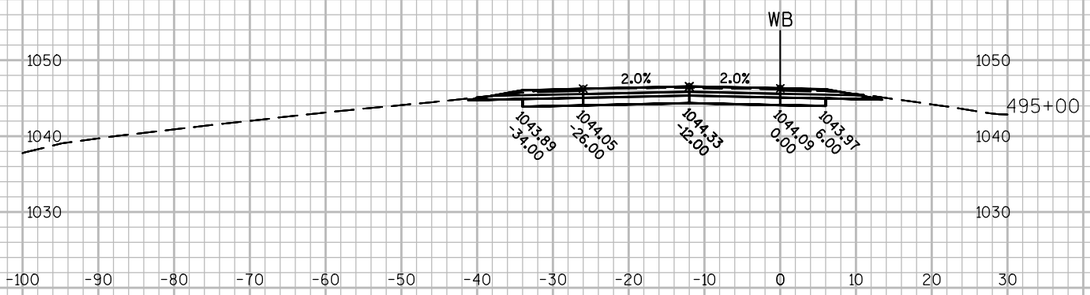
9

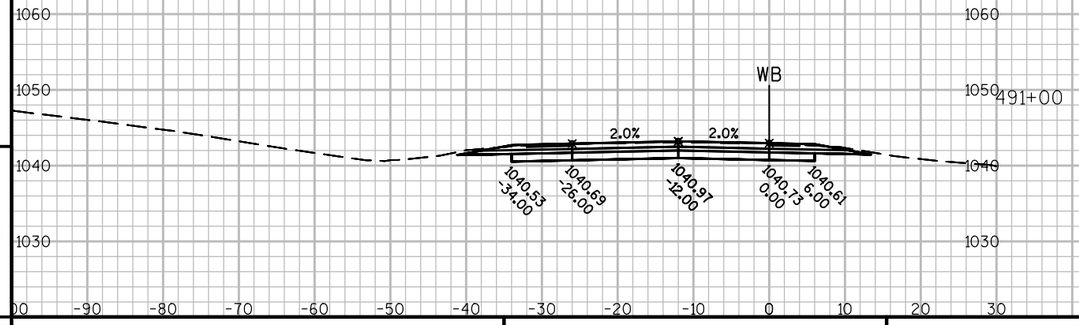
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 617	E

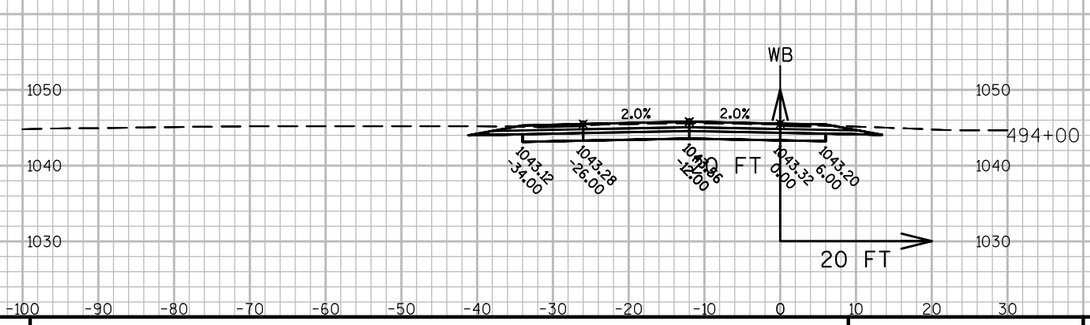










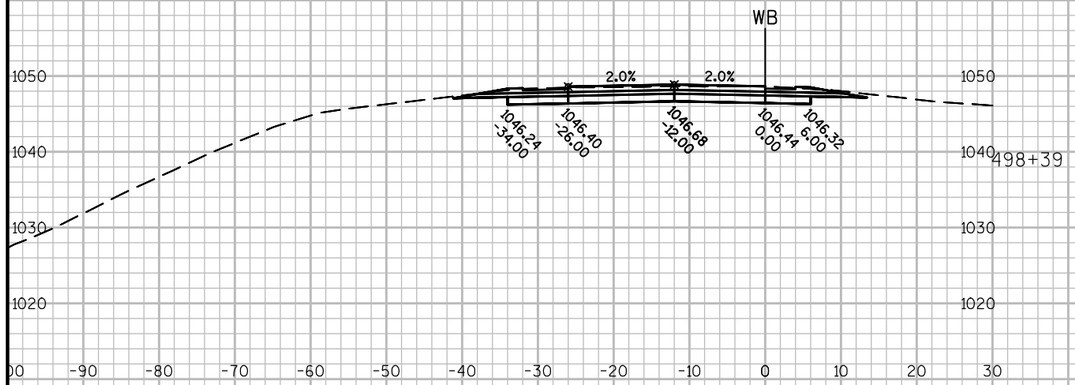


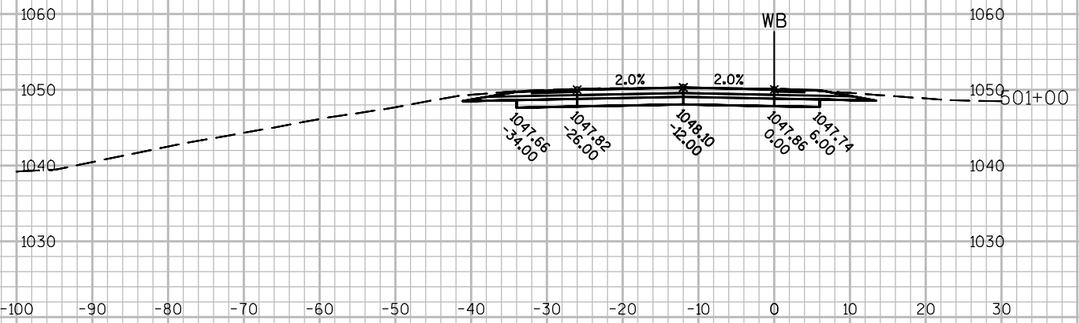
9

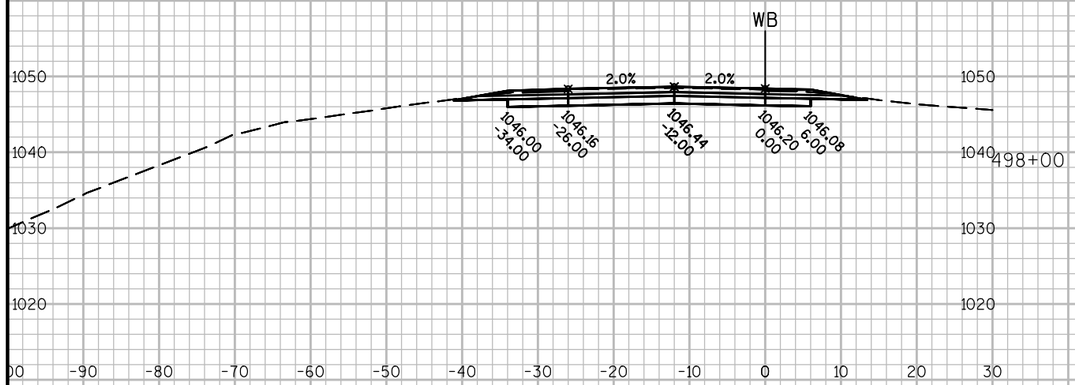
9

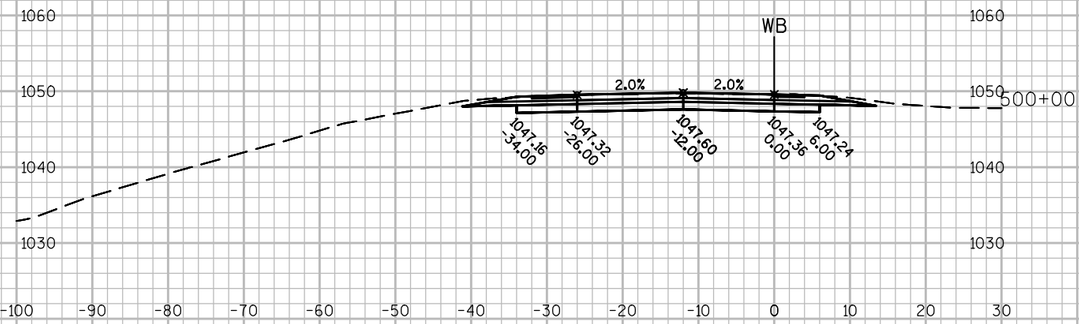
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 618	E

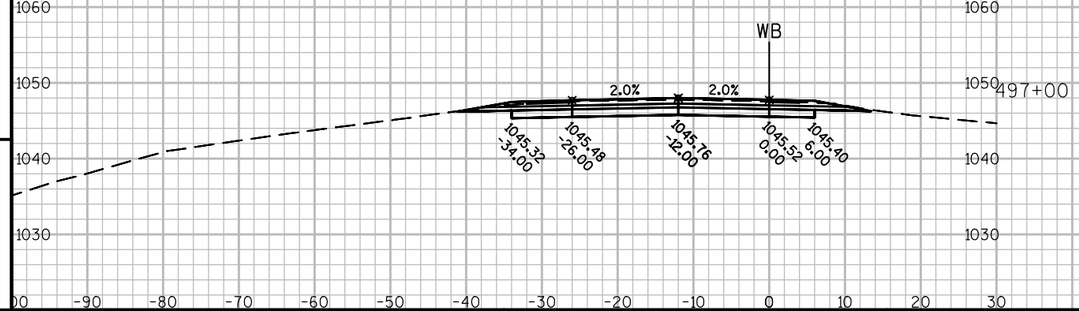
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (45)
PLOT DATE : 1/22/2018 9:29 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

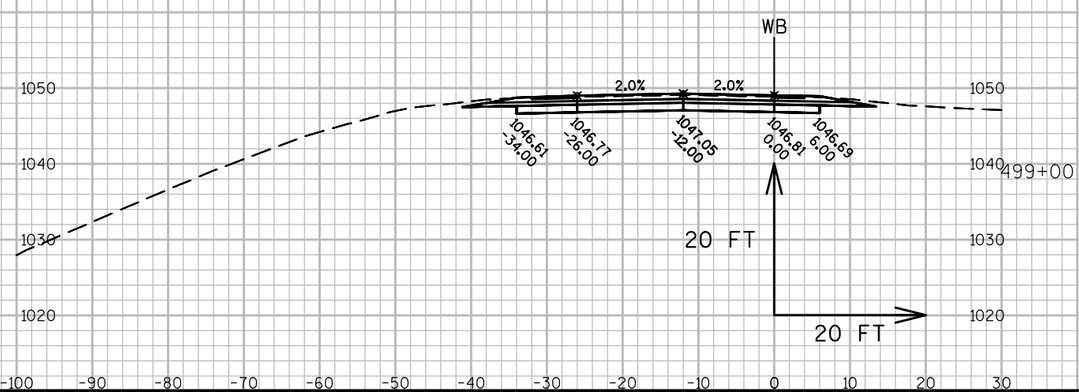












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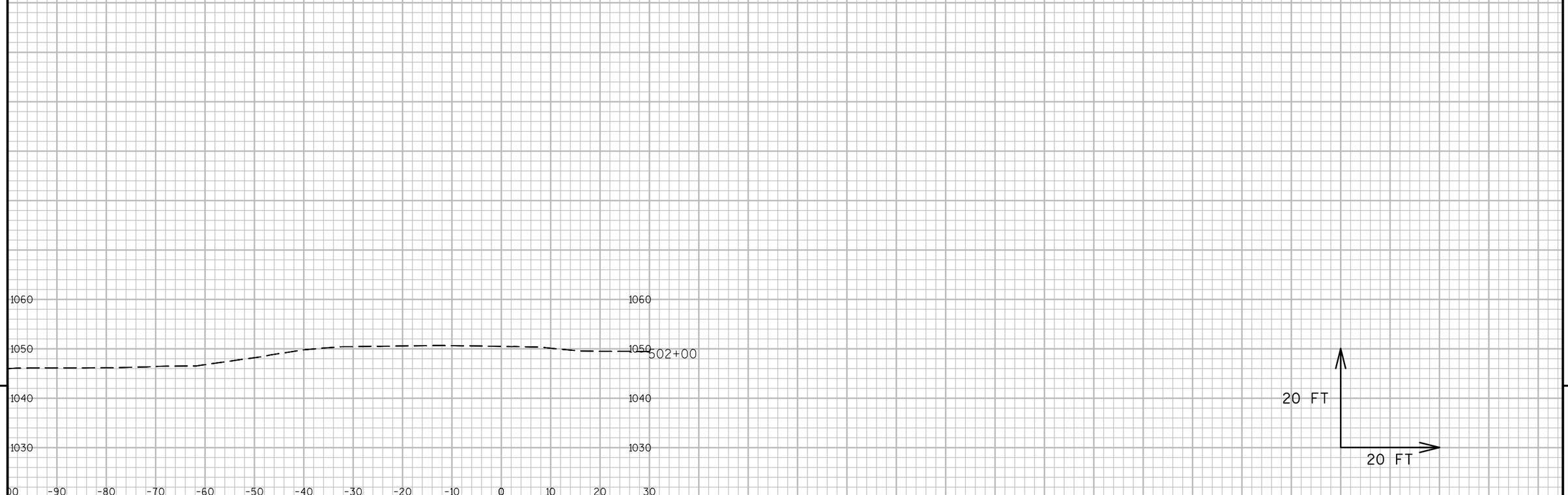
9

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 619	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (46)
PLOT DATE : 1/22/2018 9:30 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



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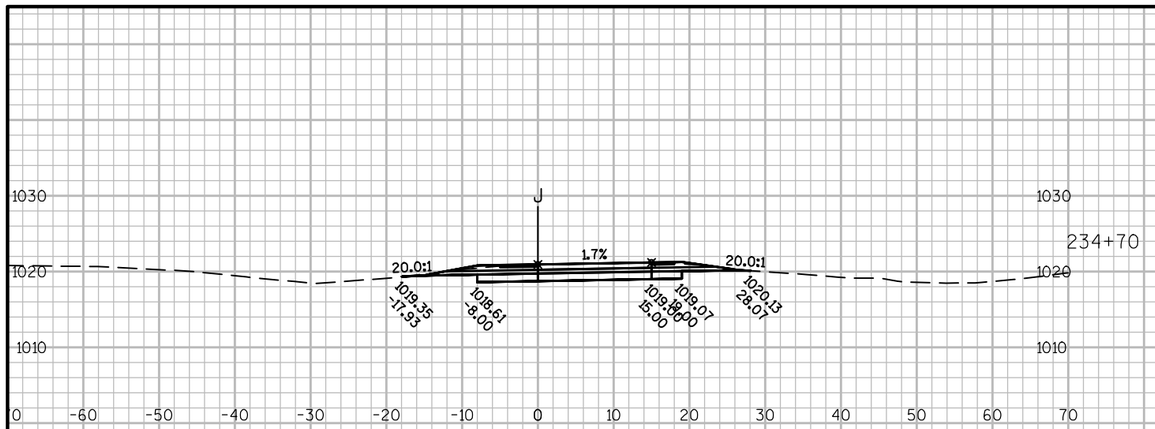
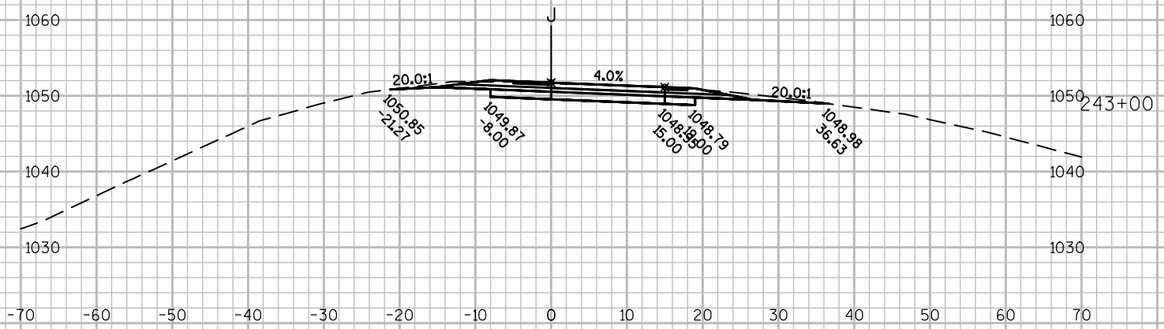
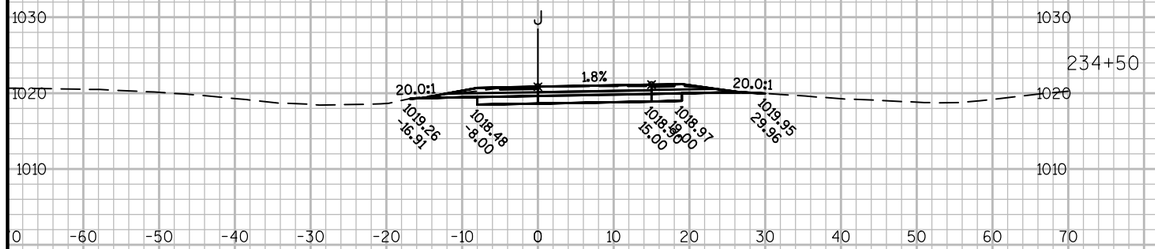
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 11 WESTBOUND	SHEET 620	E

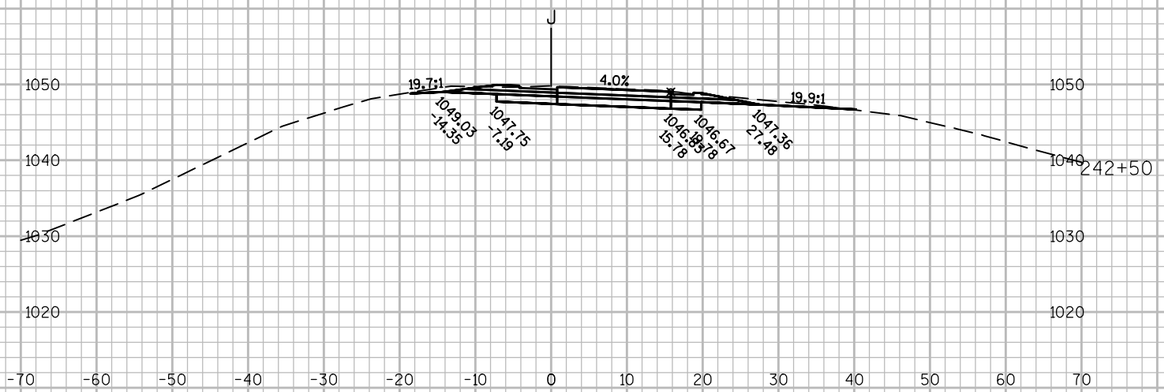
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH11WB-XS.DWG
LAYOUT NAME - STH 11 WB - (47)

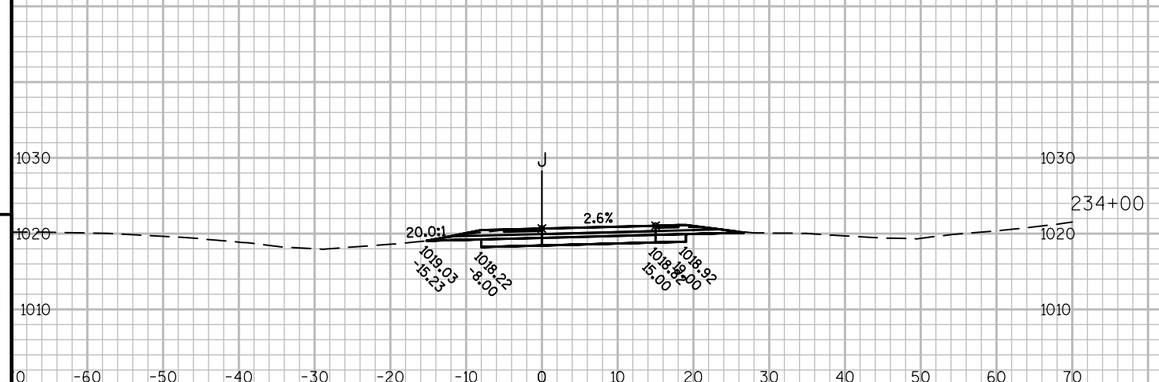
PLOT DATE : 1/22/2018 9:31 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

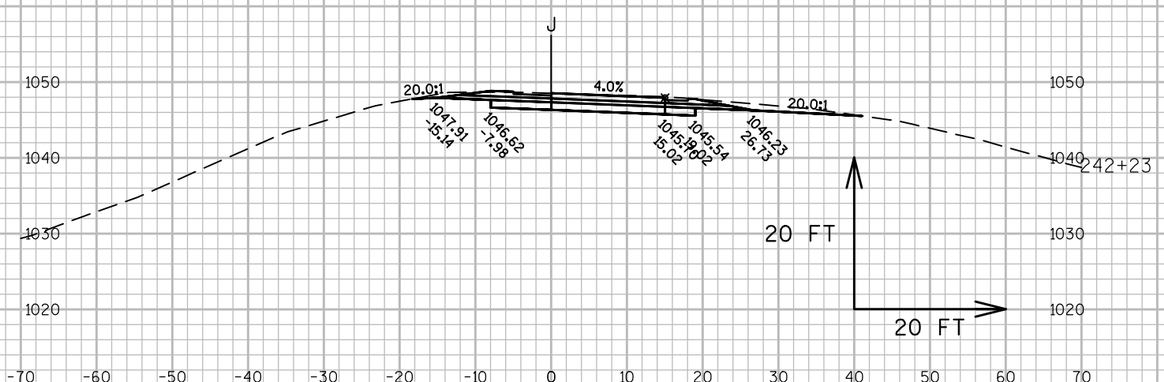












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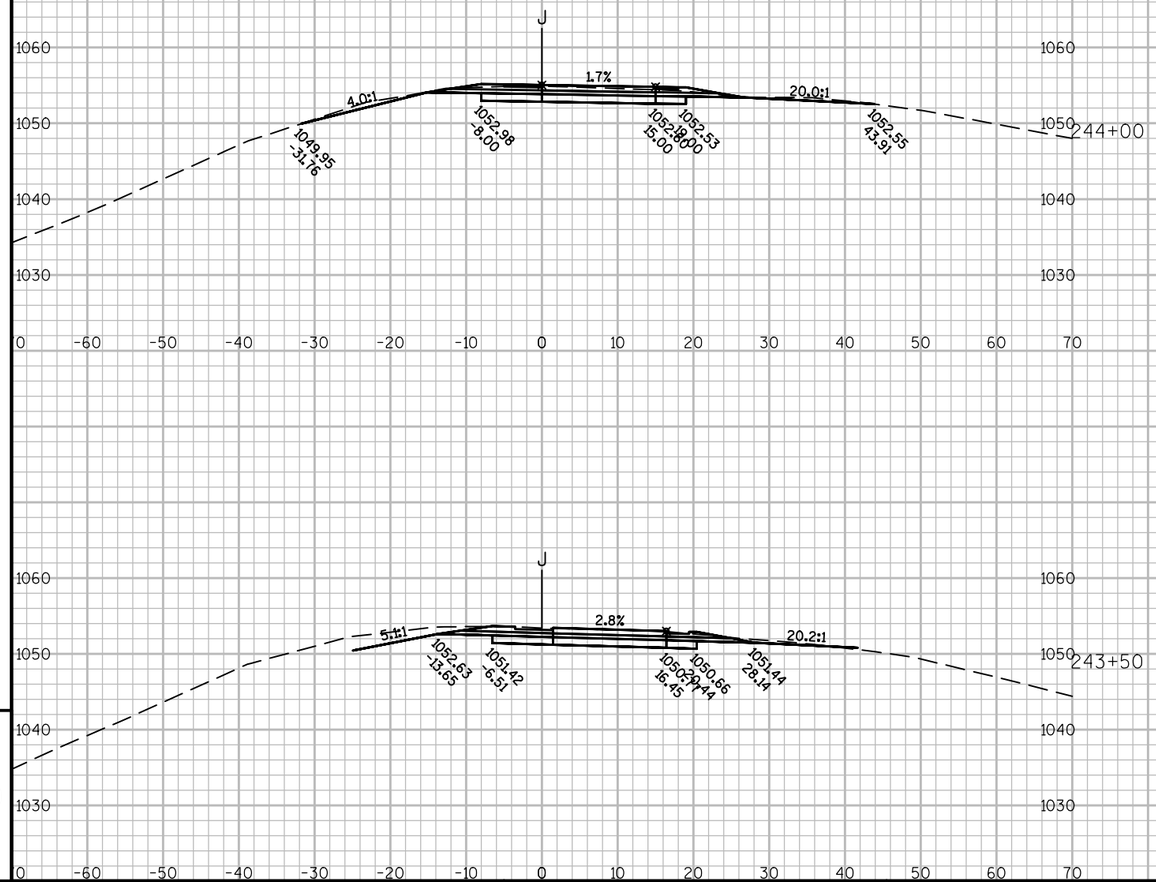
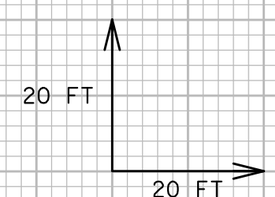
9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP J	SHEET 621	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP J-XS.DWG
LAYOUT NAME - RAMP J - (1)
PLOT DATE : 1/23/2018 2:15 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49





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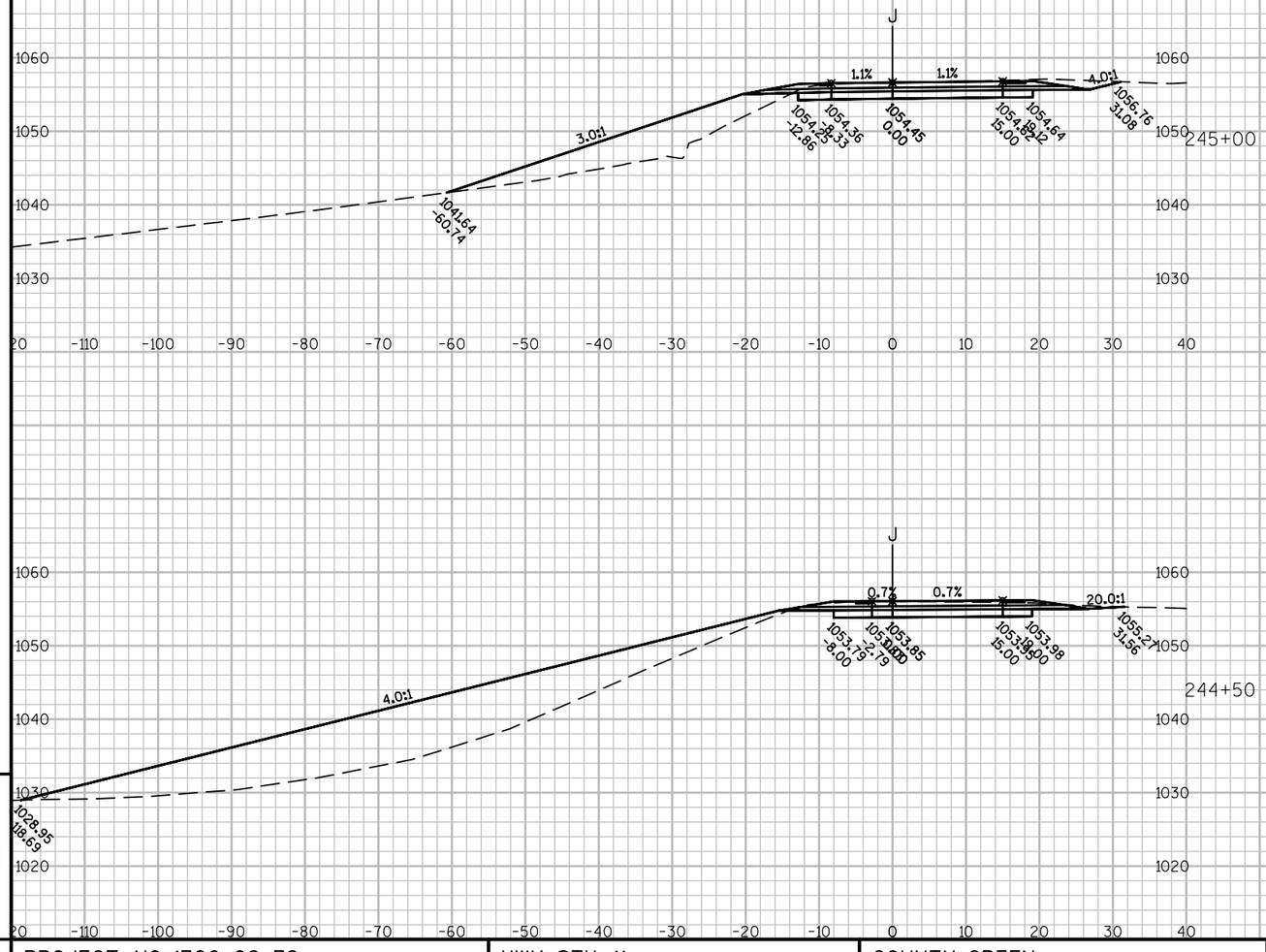
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP J	SHEET 622	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP J-XS.DWG
LAYOUT NAME - RAMP J - (2)

PLOT DATE : 1/23/2018 2:16 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

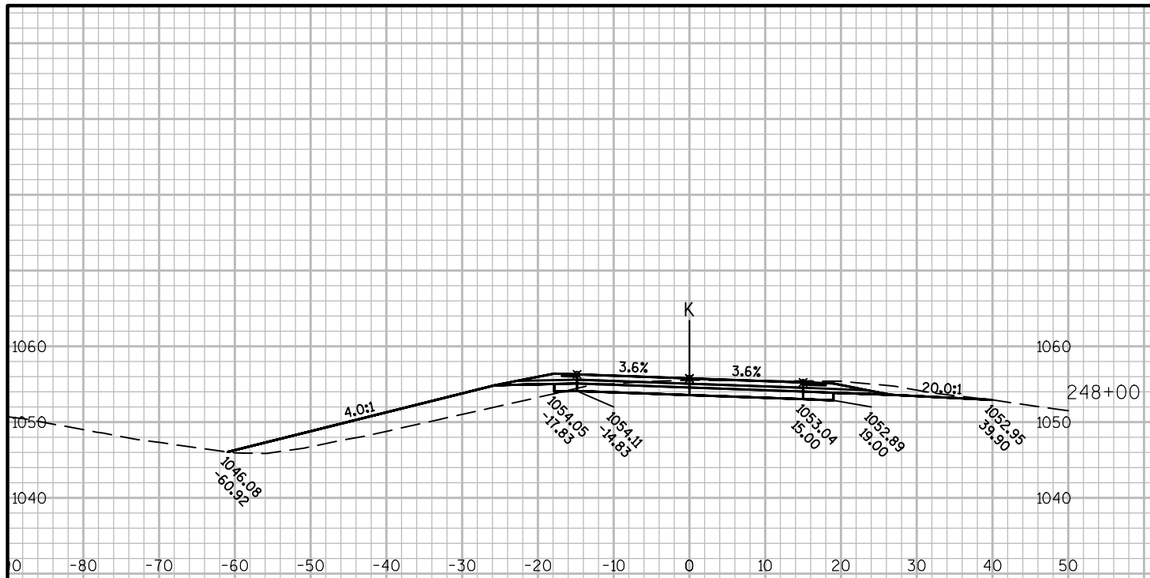


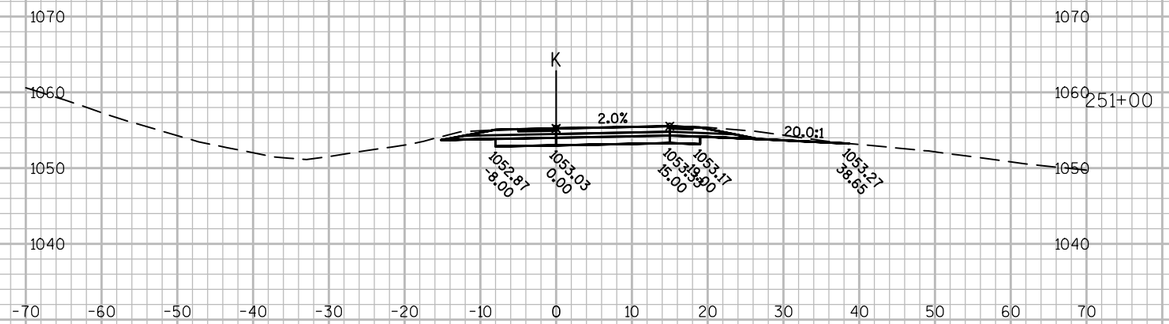
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP J	SHEET 623	E

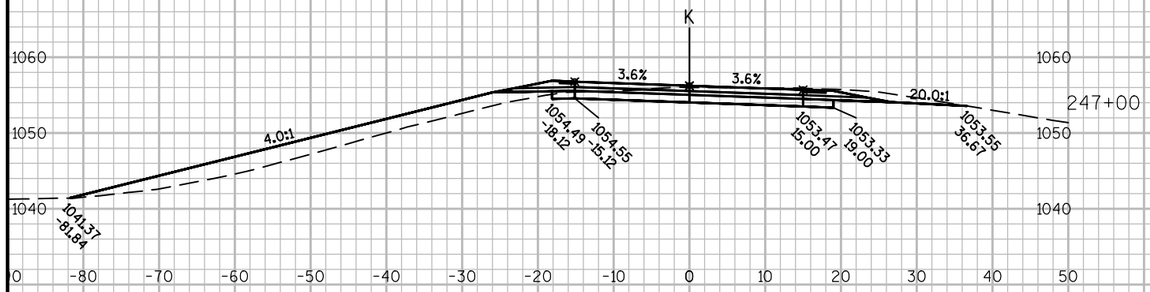
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP J-XS.DWG
LAYOUT NAME - RAMP J - (3)

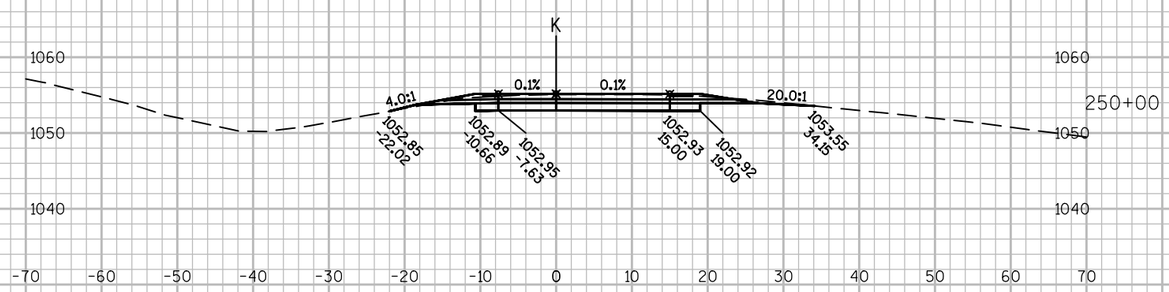
PLOT DATE : 1/23/2018 2:16 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

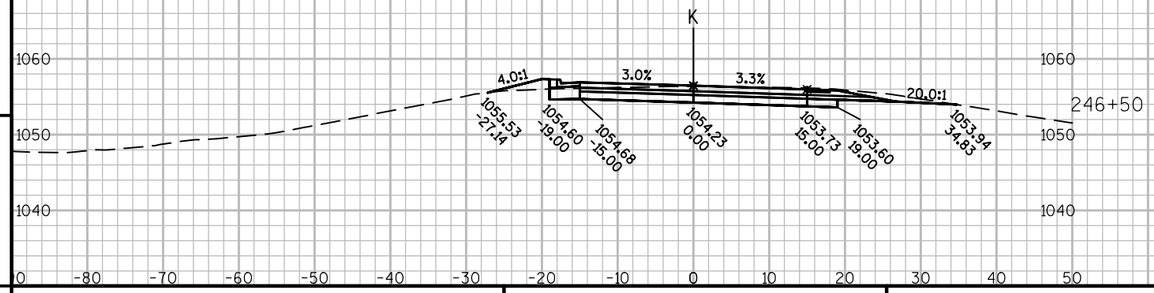
WISDOT/CADDS SHEET 49

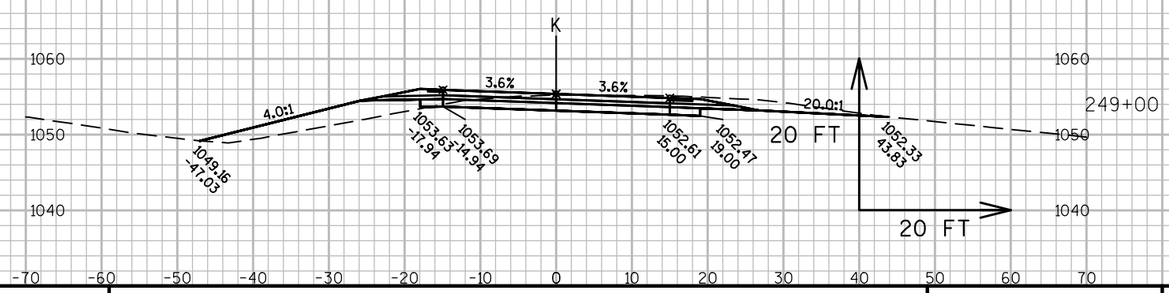












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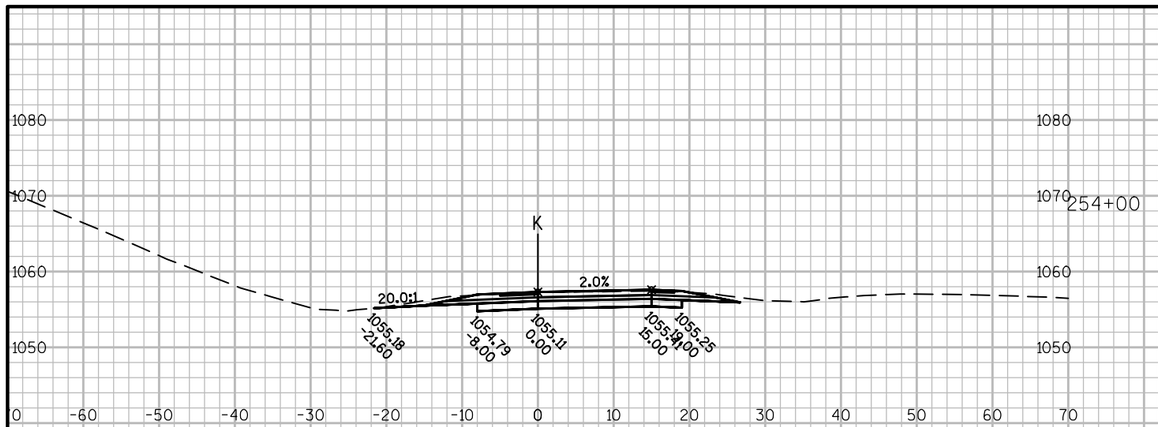
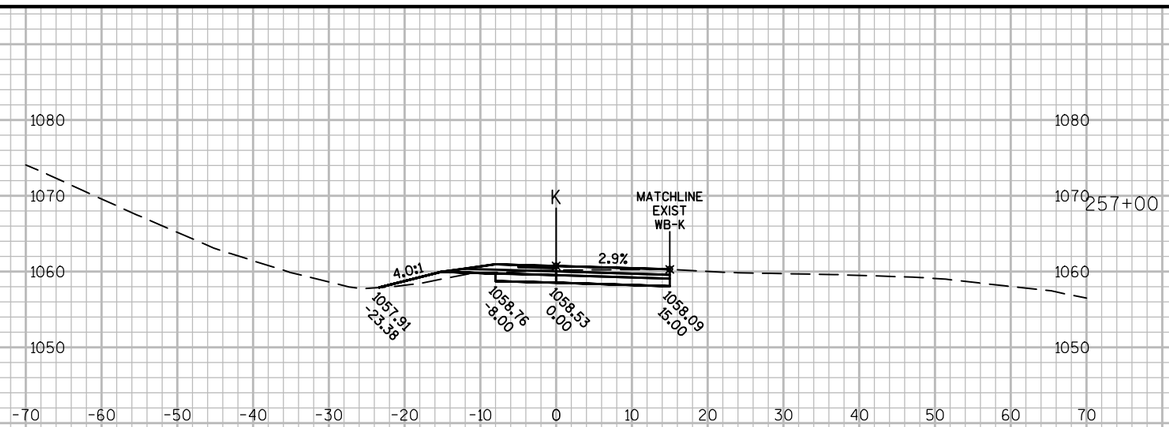
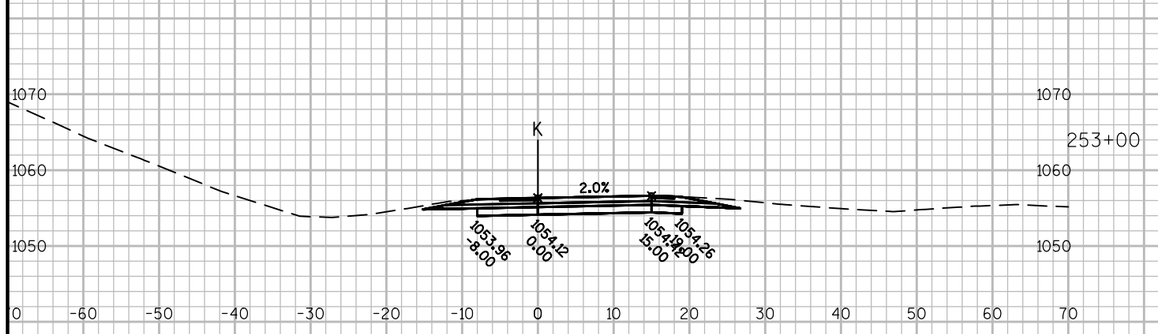
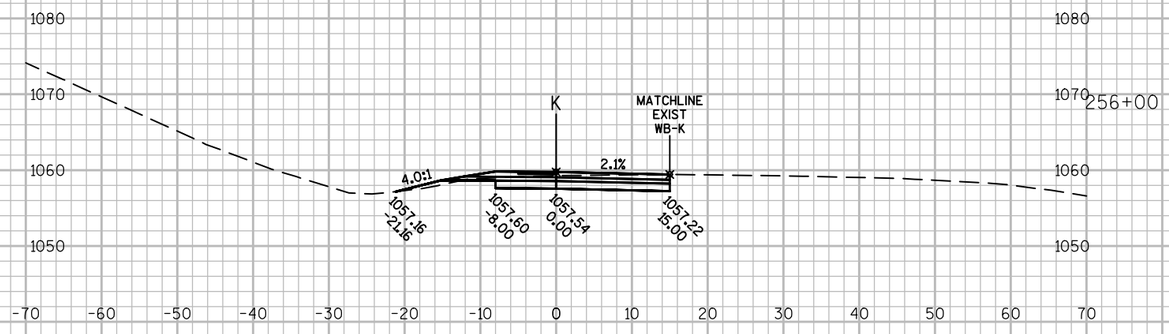
9

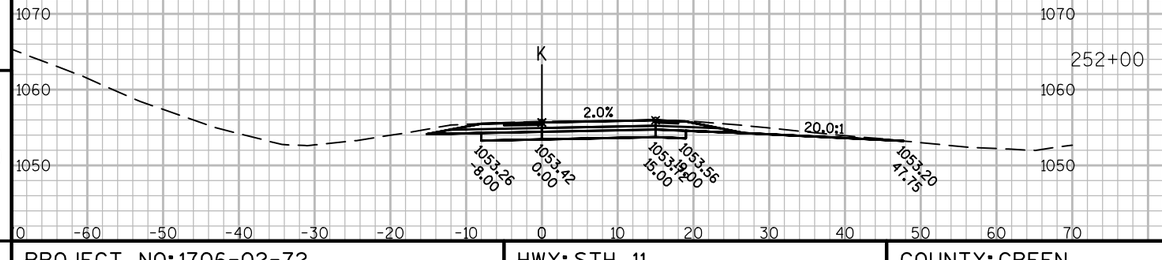
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: Ramp K	SHEET 624	E

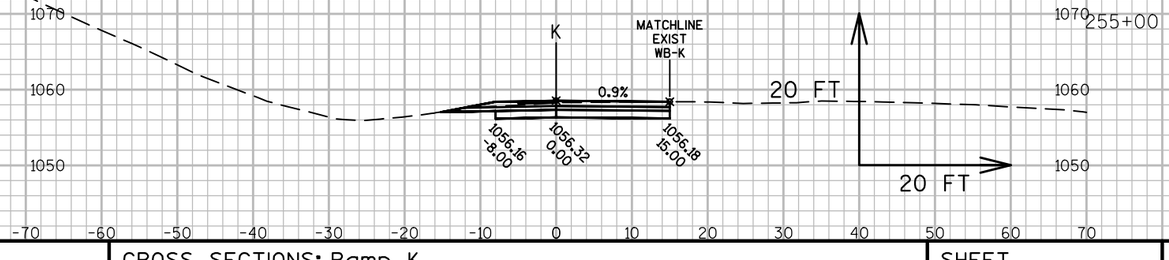












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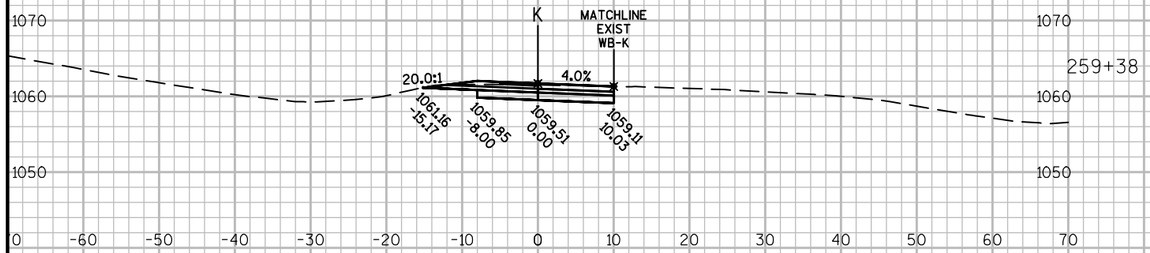
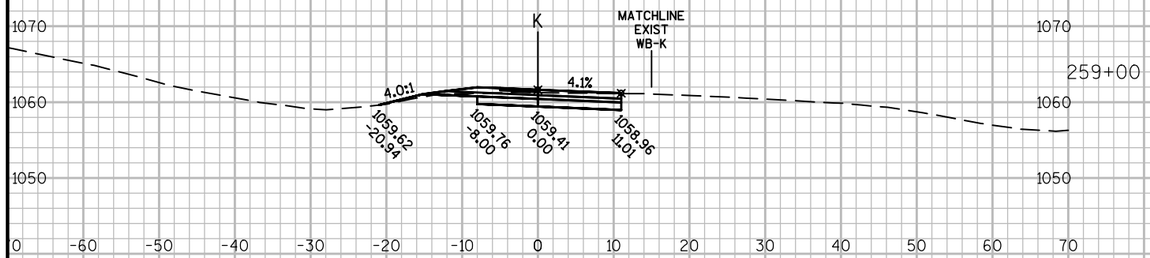
9

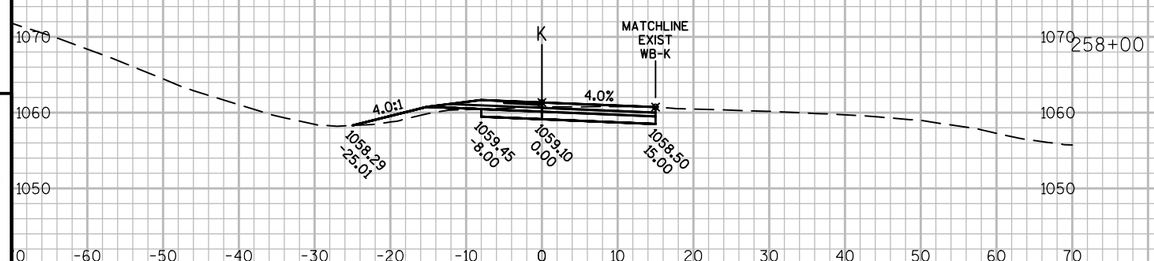
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: Ramp K	SHEET 625	E

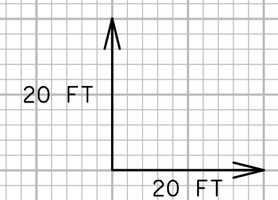
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP K-XS.DWG
LAYOUT NAME - RAMP K - (2)

PLOT DATE : 1/24/2018 1:24 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT









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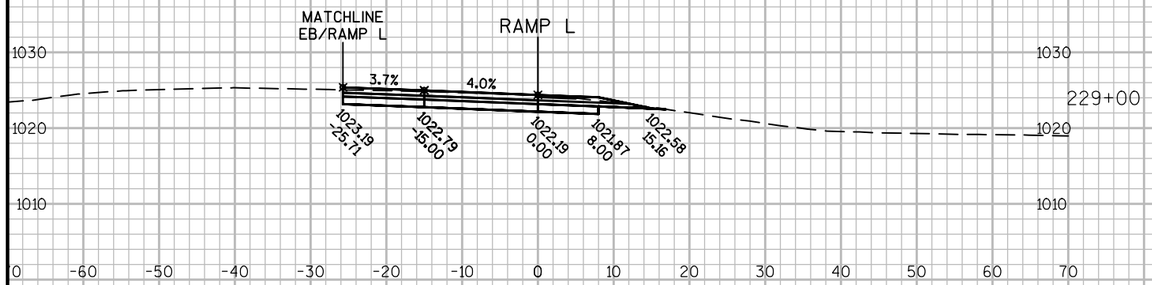
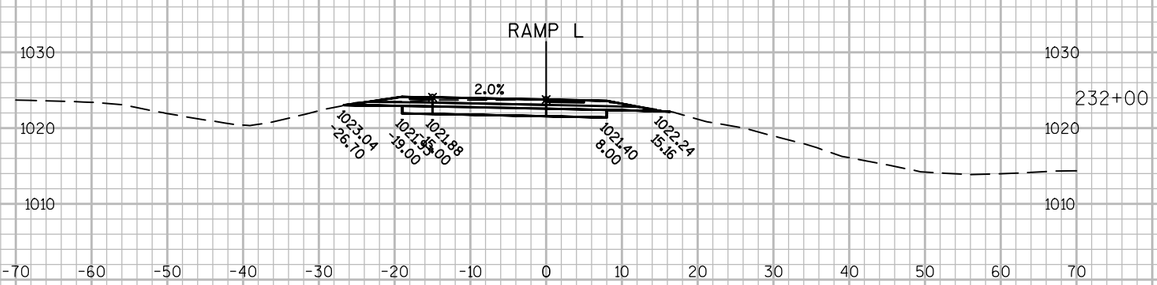
9

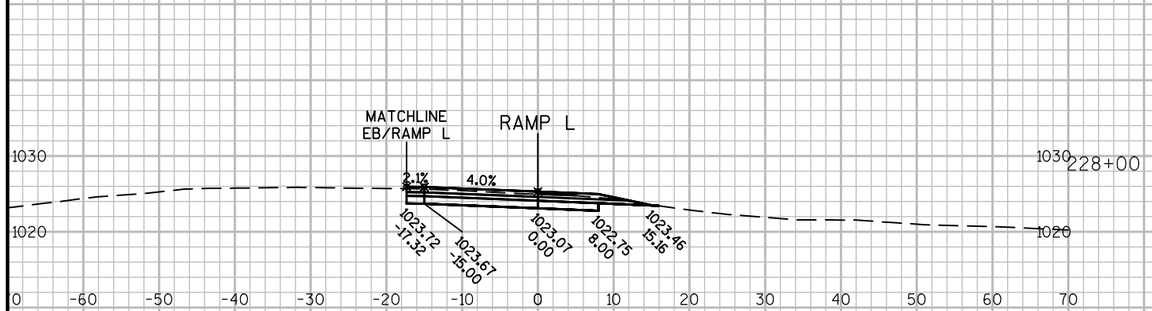
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: Ramp K	SHEET 626	E

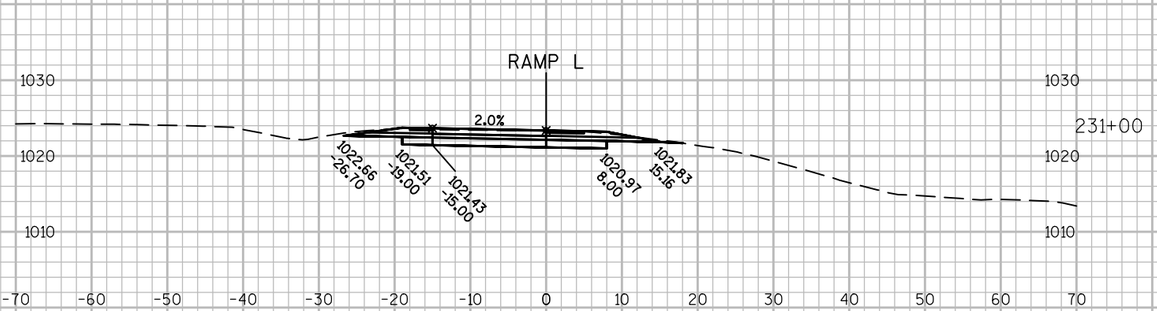
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP K-XS.DWG
LAYOUT NAME - RAMP K - (3)

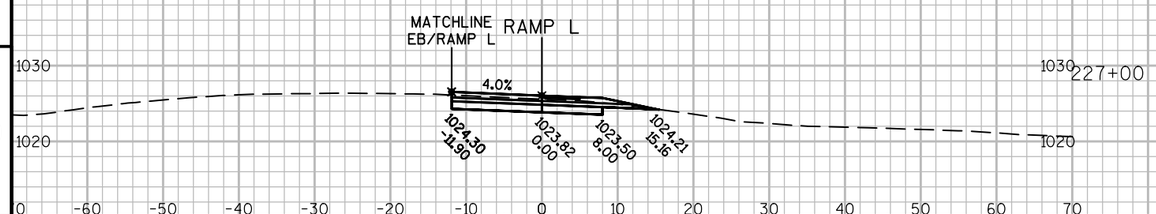
PLOT DATE : 1/24/2018 1:24 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

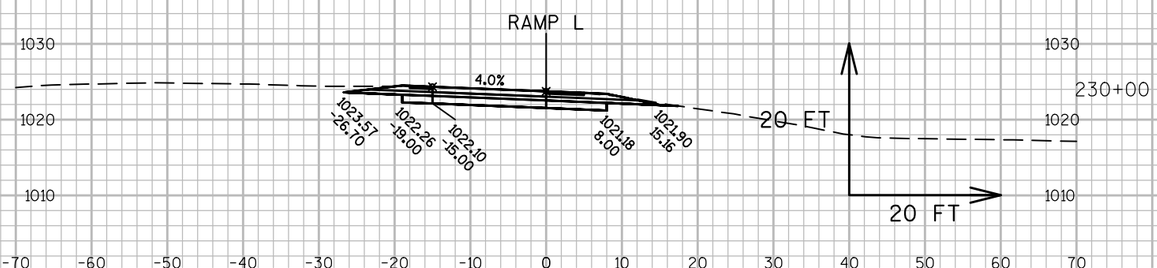












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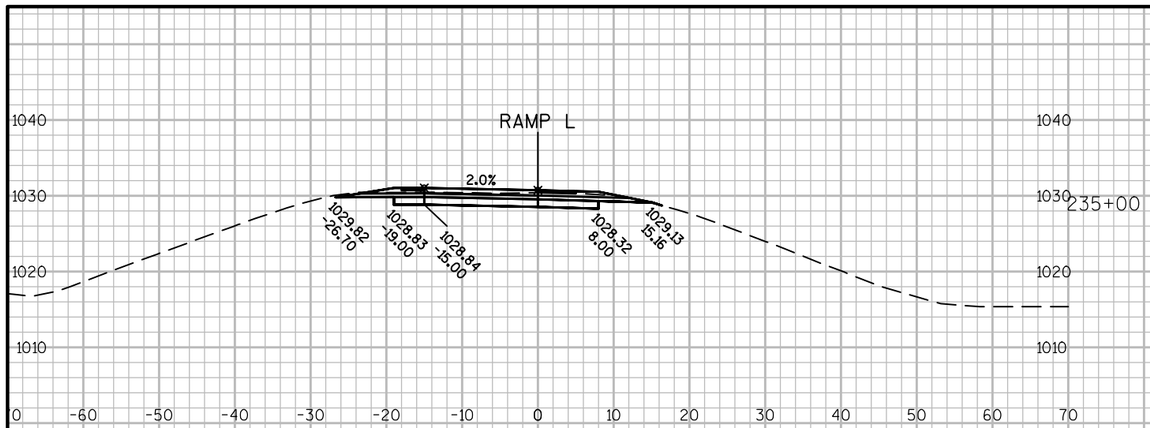
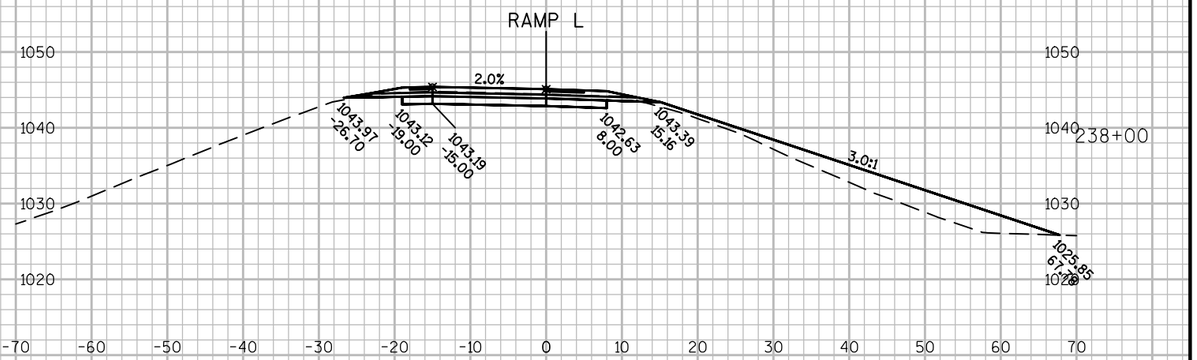
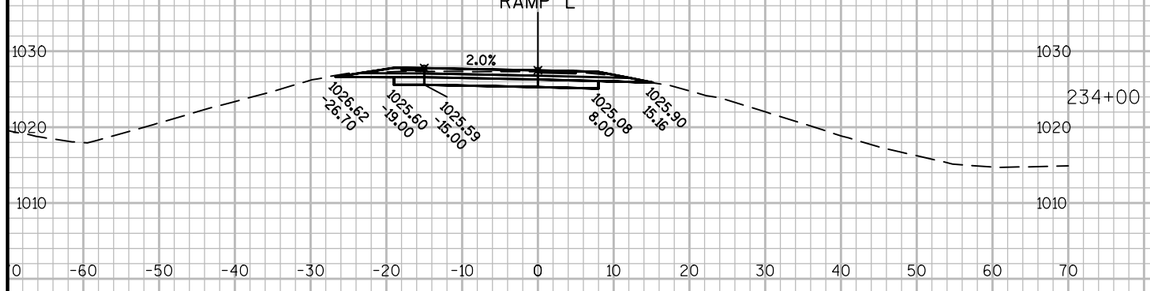
9

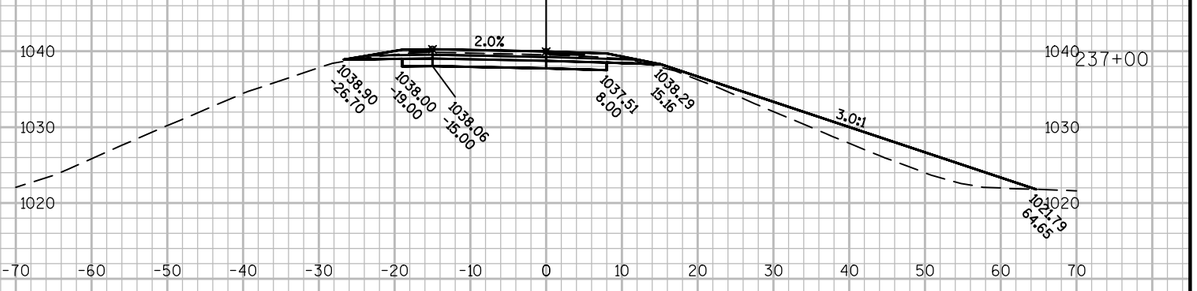
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP L	SHEET 627	E

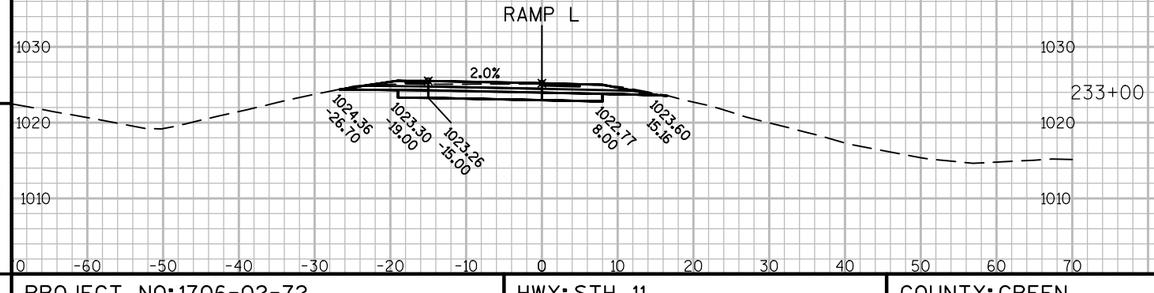
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP L-XS.DWG
LAYOUT NAME - RAMP L- (1)
PLOT DATE : 1/25/2018 8:24 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

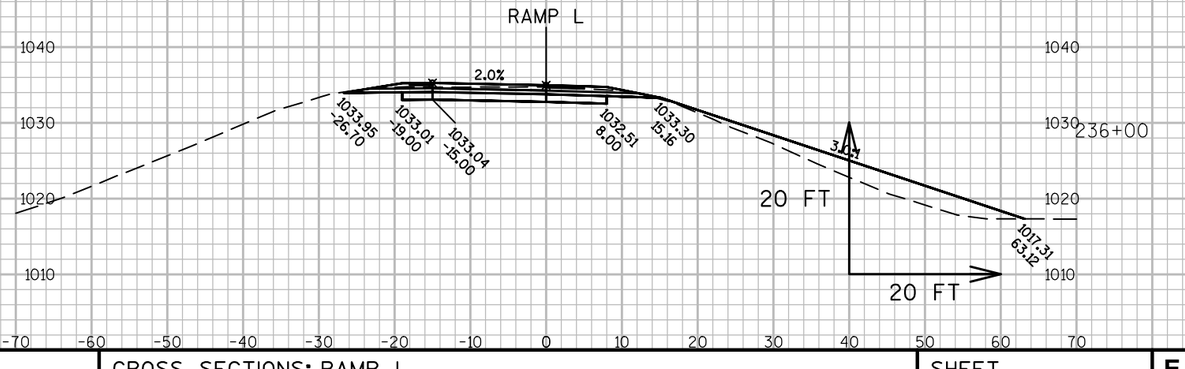












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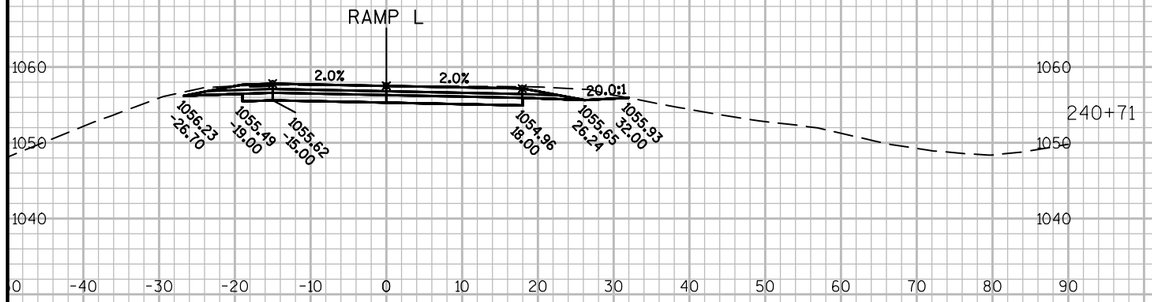
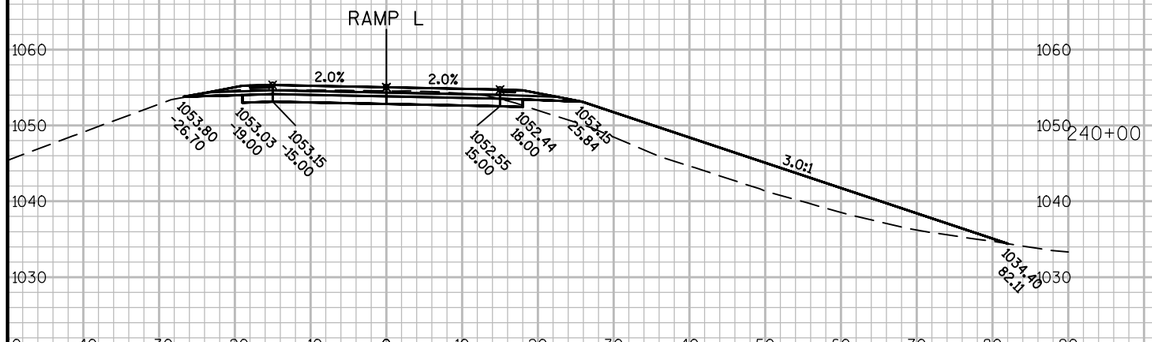
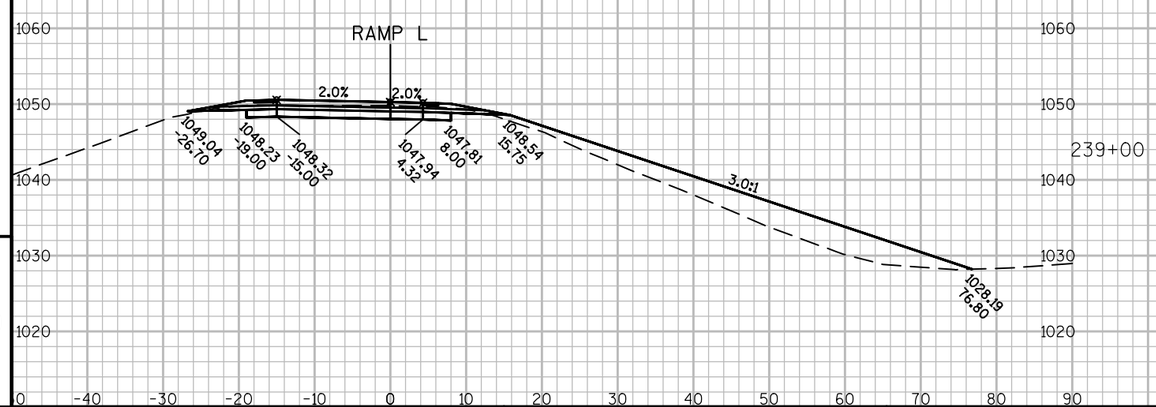
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP L	SHEET 628	E



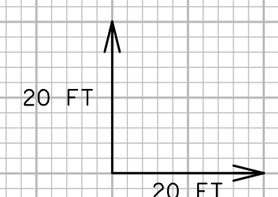
240+71



240+00



239+00



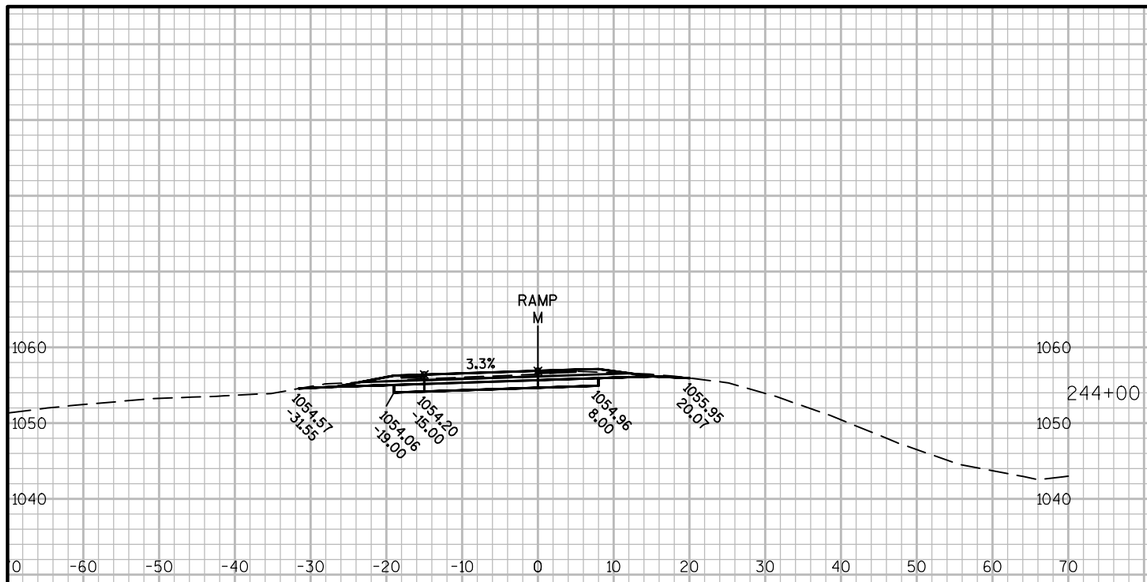
9

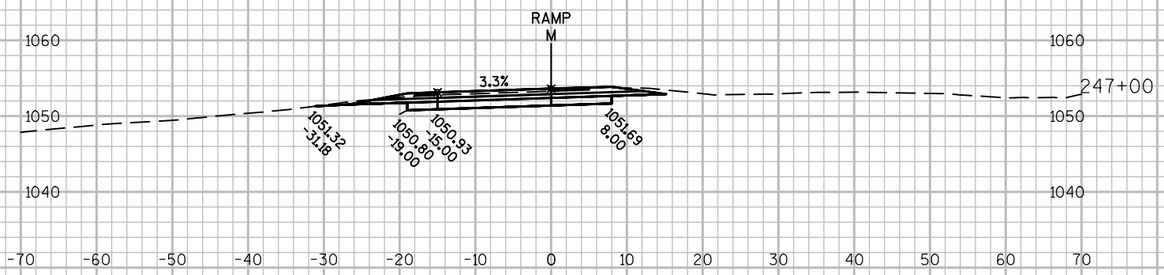
9

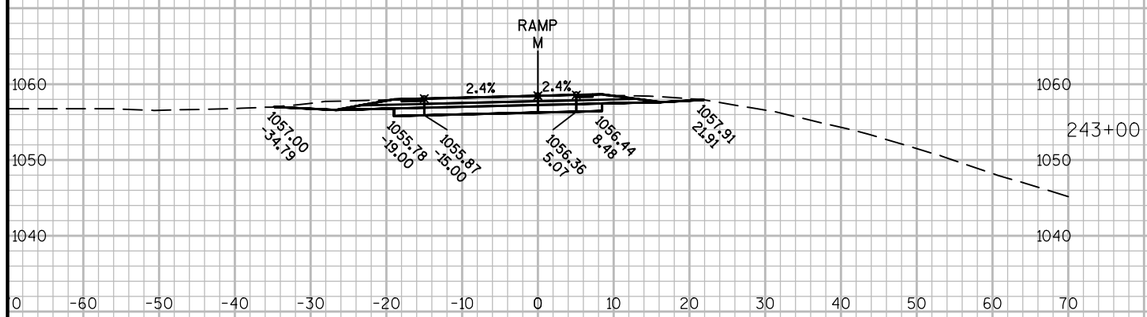
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP L	SHEET 629	E

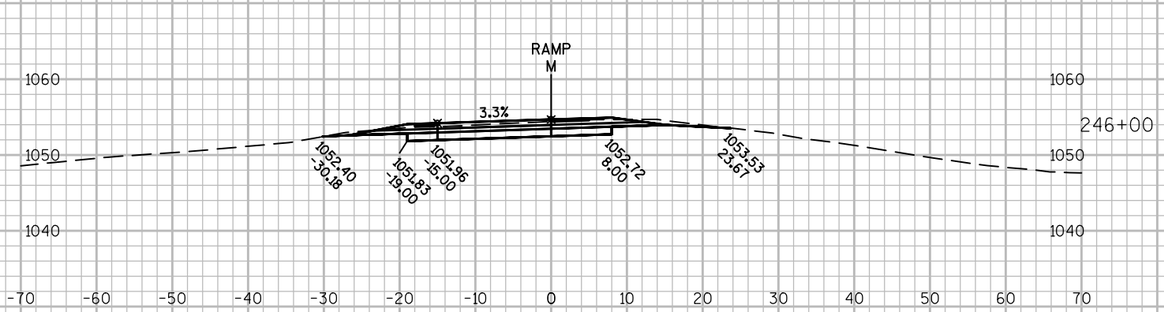
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP L-XS.DWG
LAYOUT NAME - RAMP L- (3)

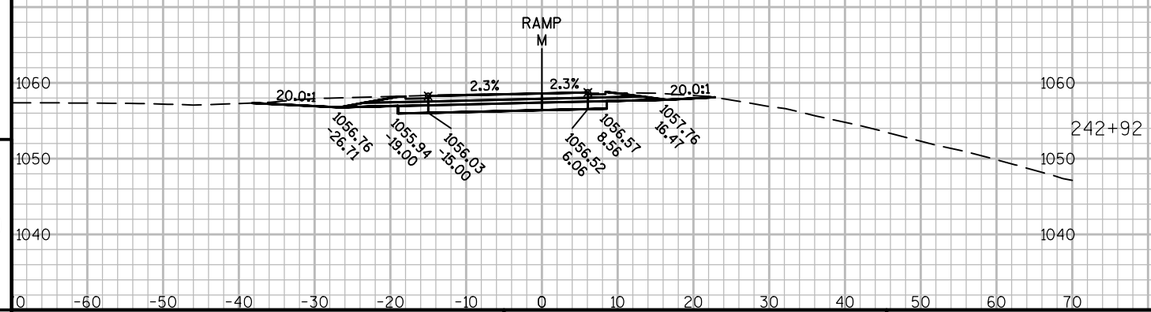
PLOT DATE : 1/25/2018 8:24 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

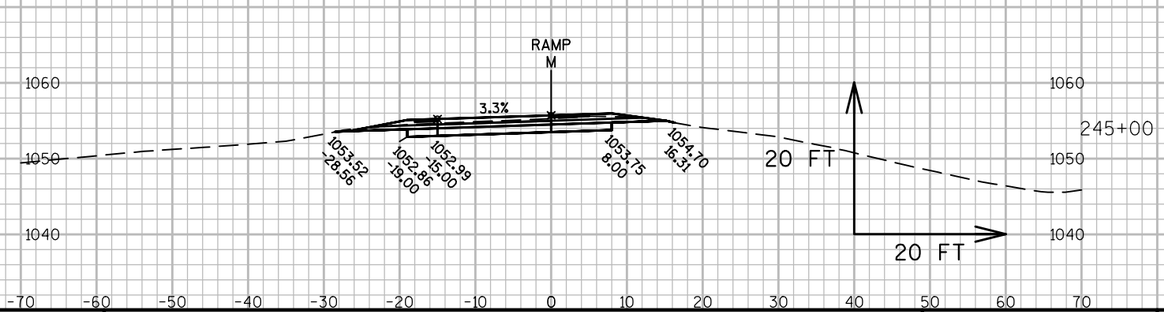












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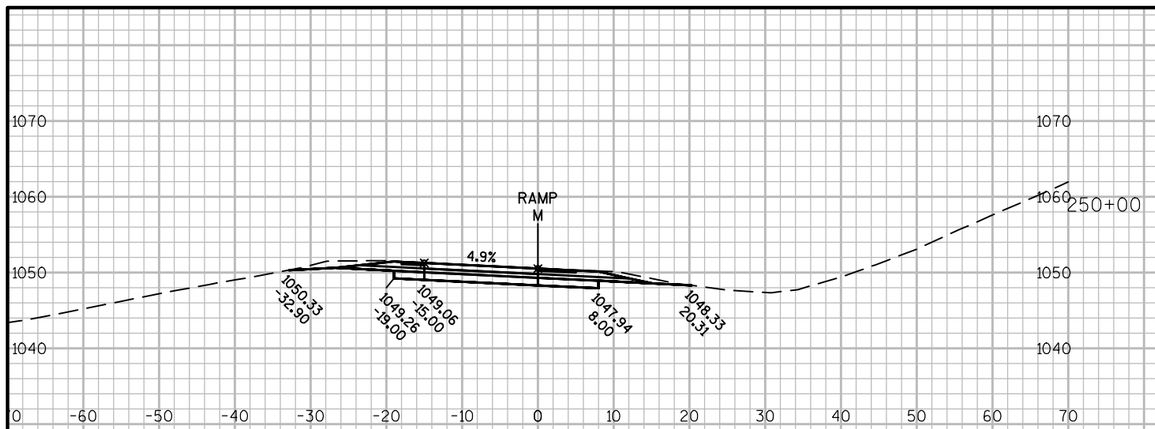
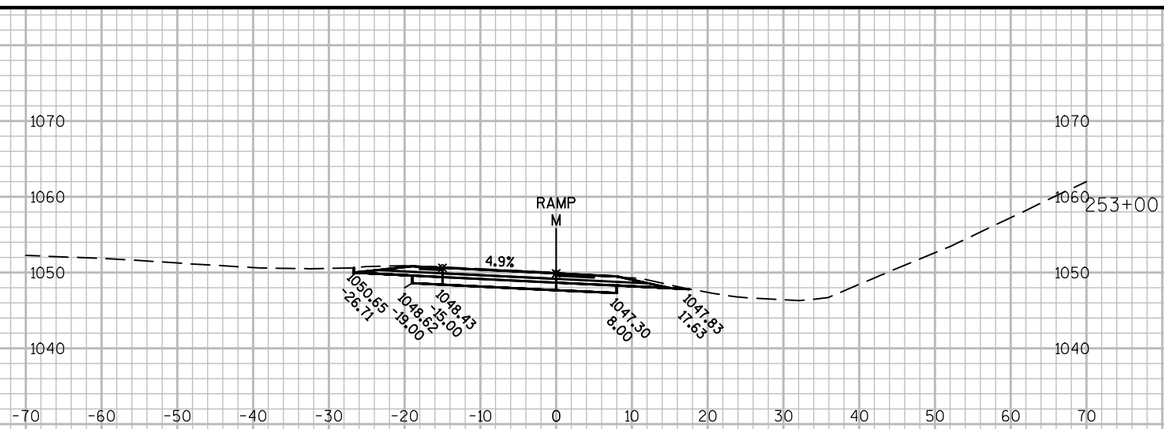
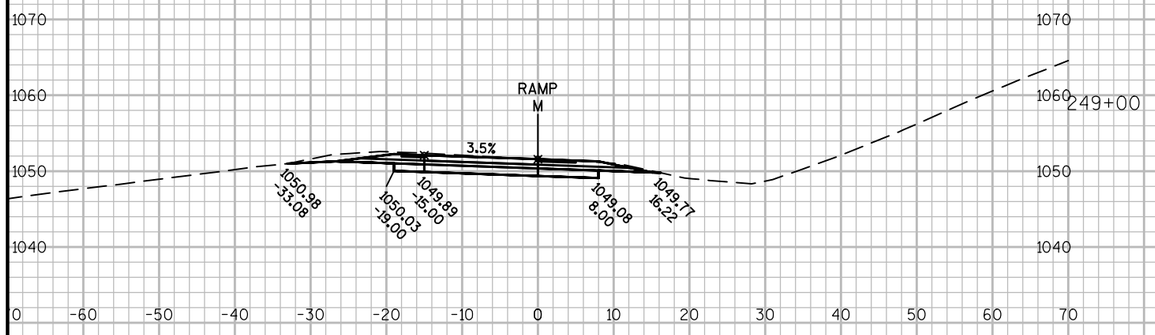
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP M	SHEET 630	E

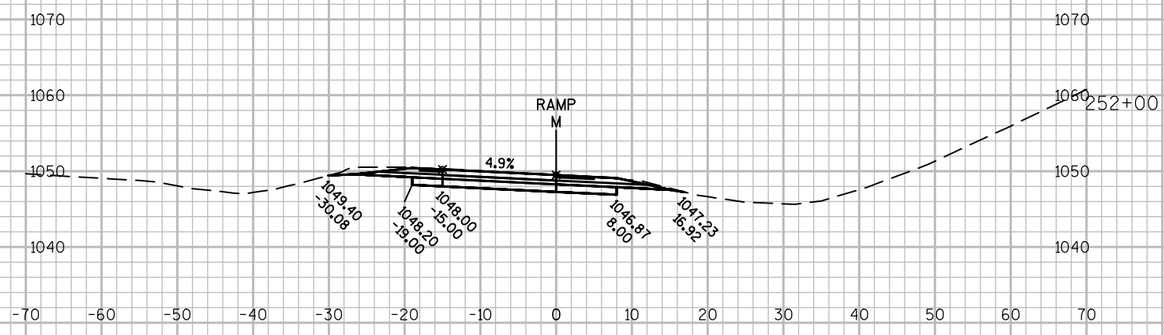
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP M-XS.DWG
LAYOUT NAME - RAMP M - (1)

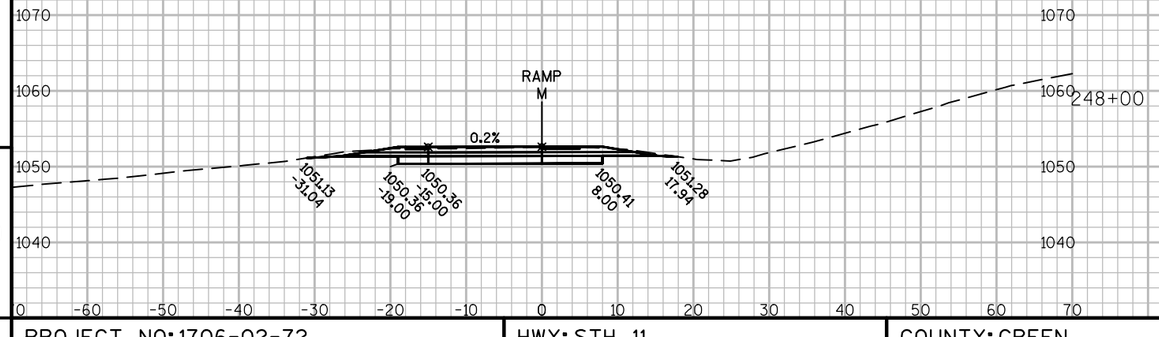
PLOT DATE : 1/24/2018 5:29 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

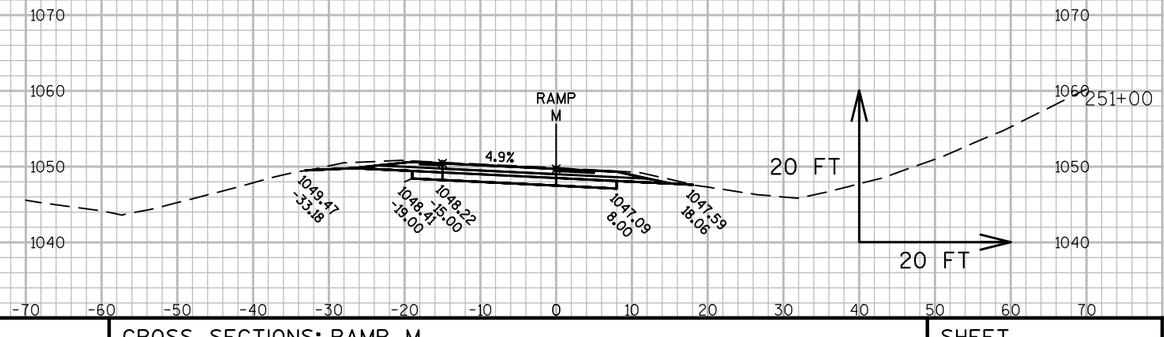












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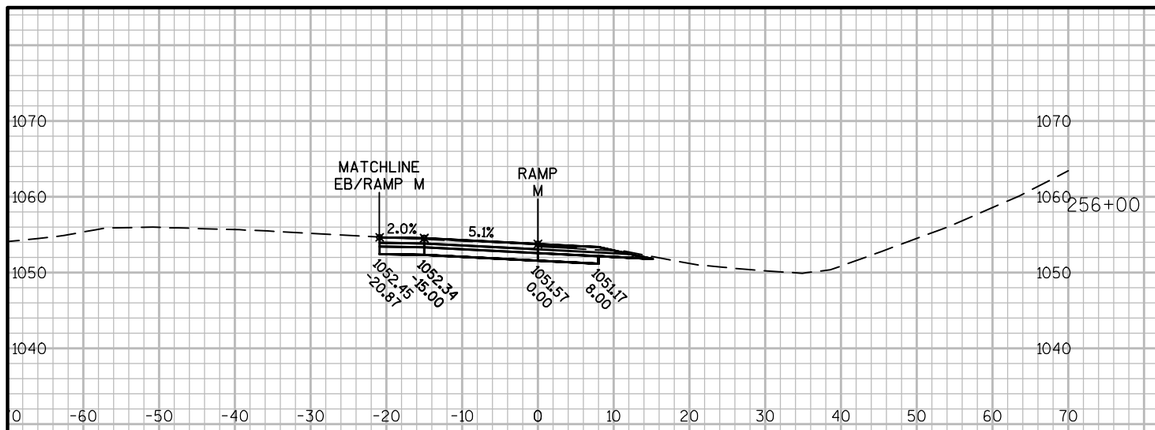
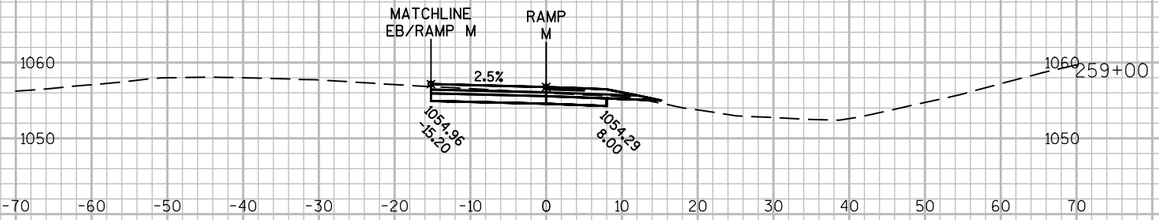
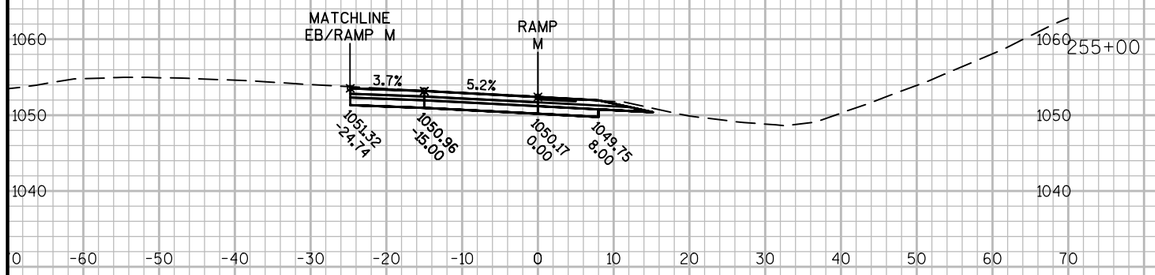
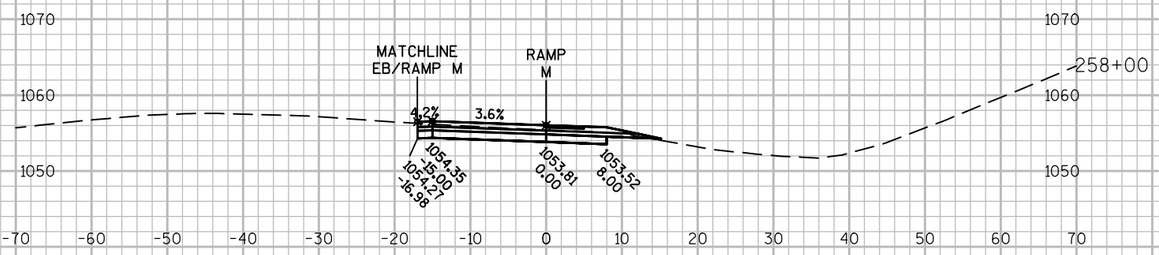
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP M	SHEET 631	E

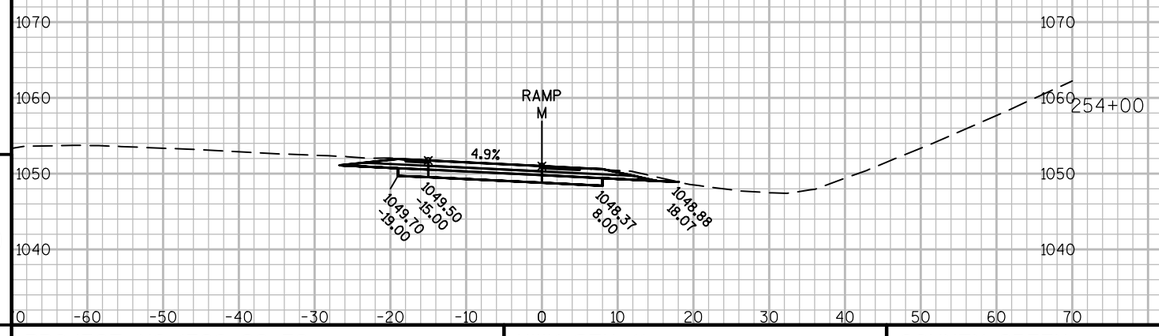
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP M-XS.DWG
LAYOUT NAME - RAMP M - (2)
PLOT DATE : 1/24/2018 5:29 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

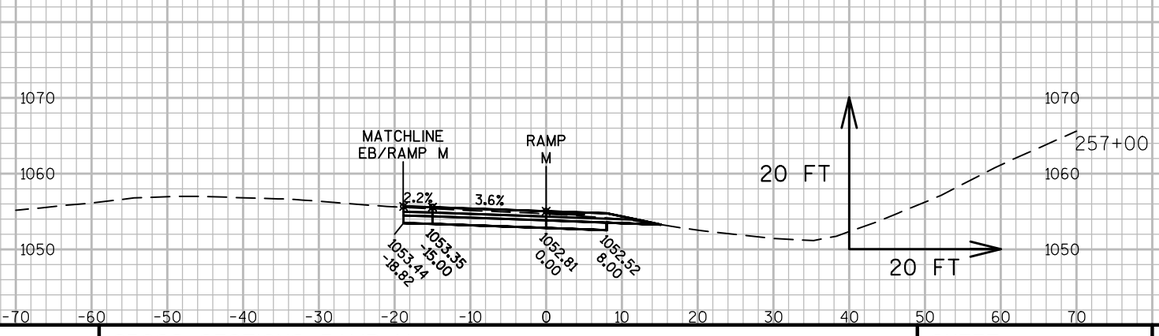












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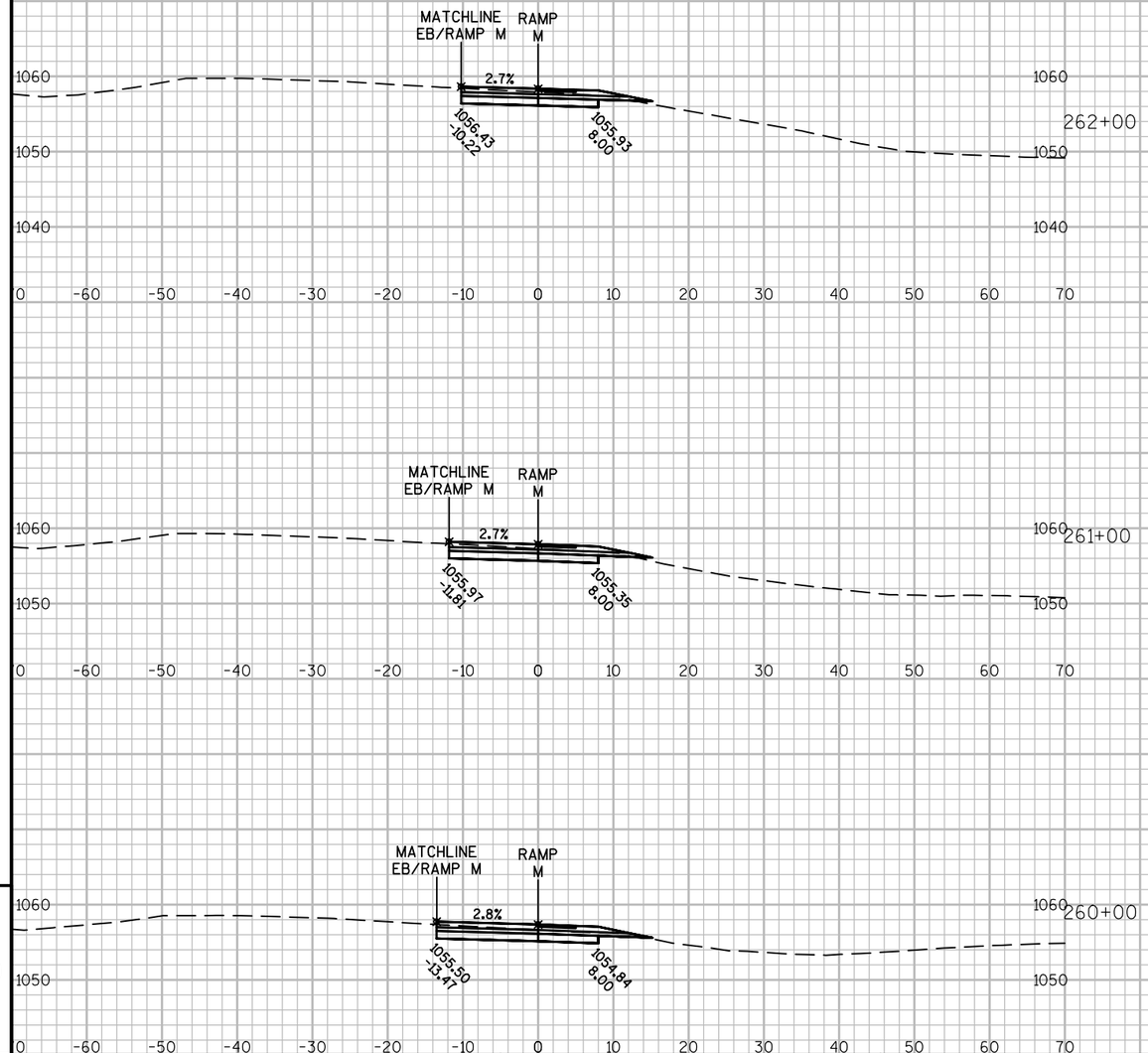
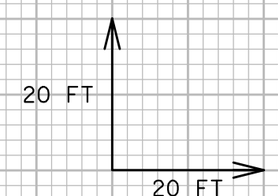
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP M	SHEET 632	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP M-XS.DWG
LAYOUT NAME - RAMP M - (3)
PLOT DATE : 1/24/2018 5:29 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49





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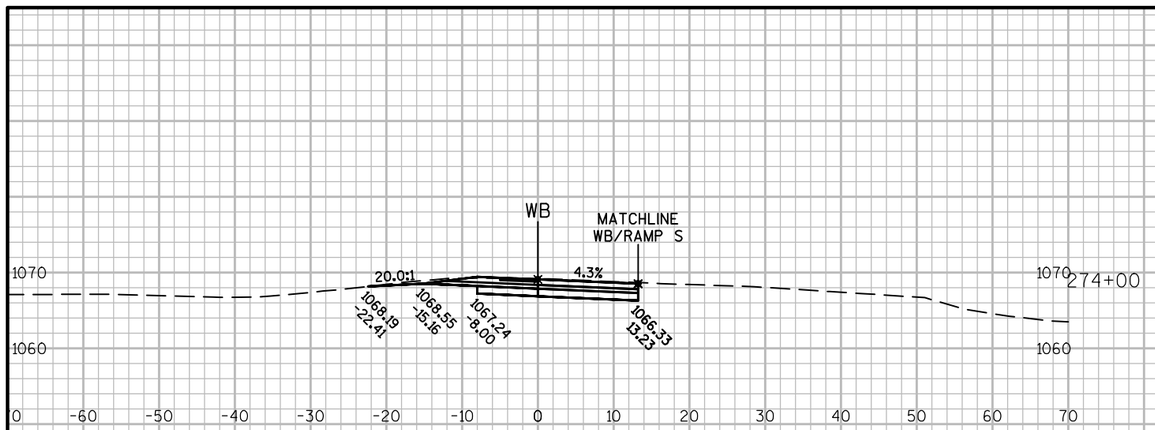
9

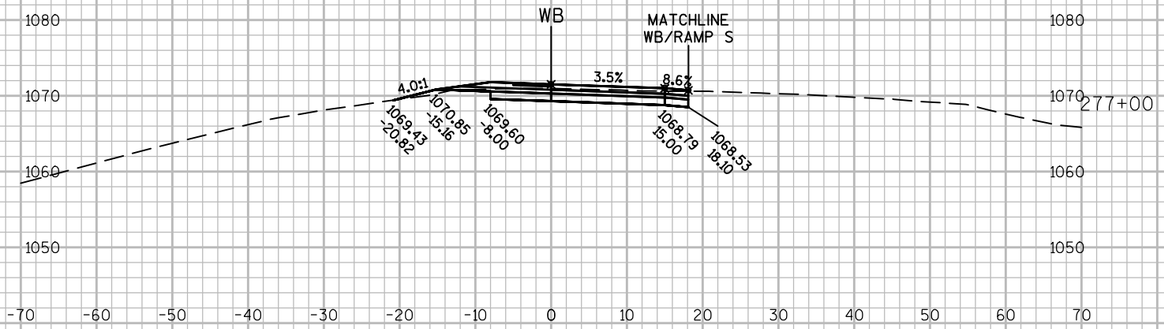
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP M	SHEET 633	E

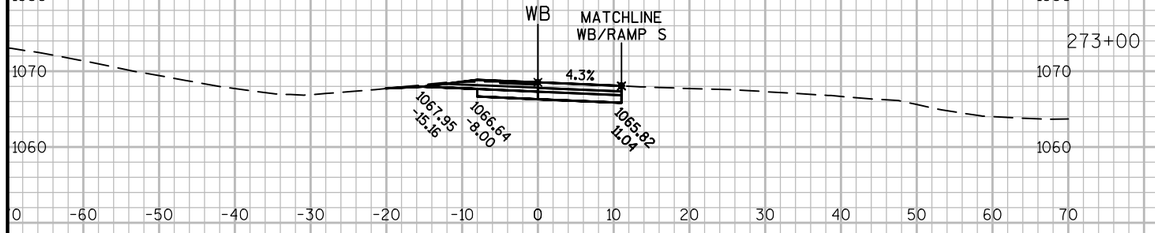
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP M-XS.DWG
LAYOUT NAME - RAMP M - (4)

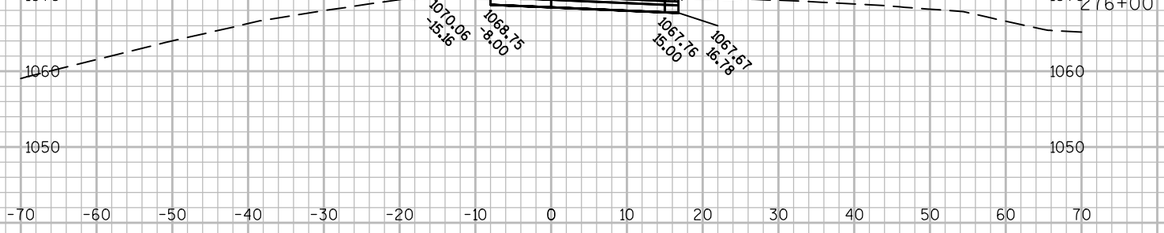
PLOT DATE : 1/24/2018 5:29 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

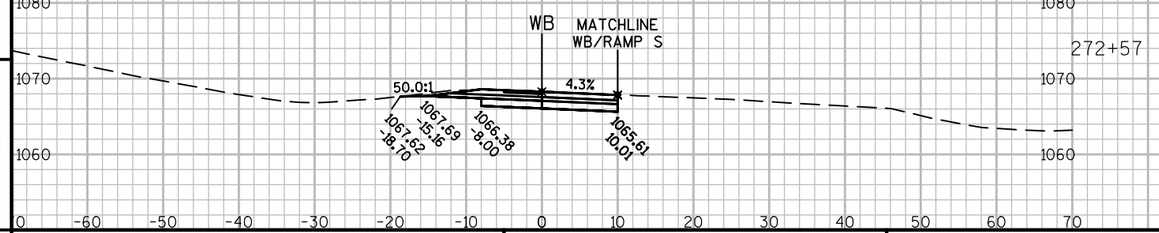
WISDOT/CADDS SHEET 49

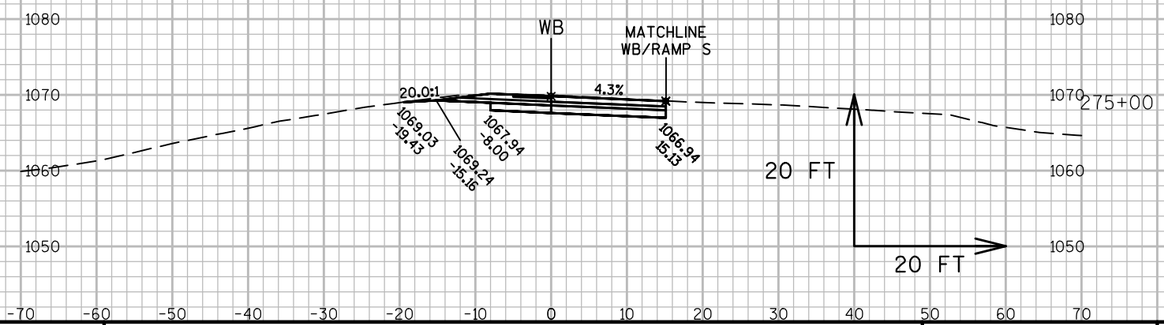












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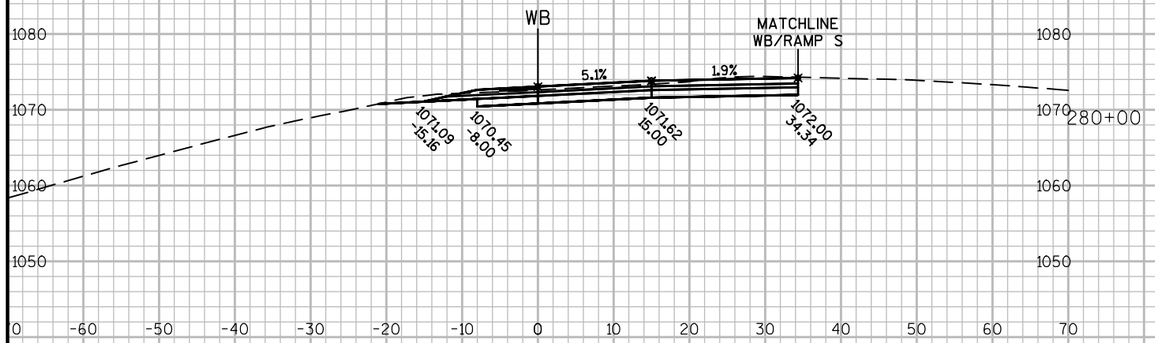
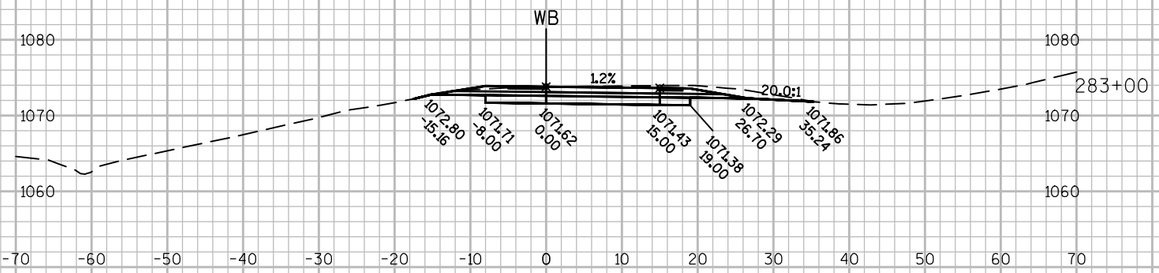
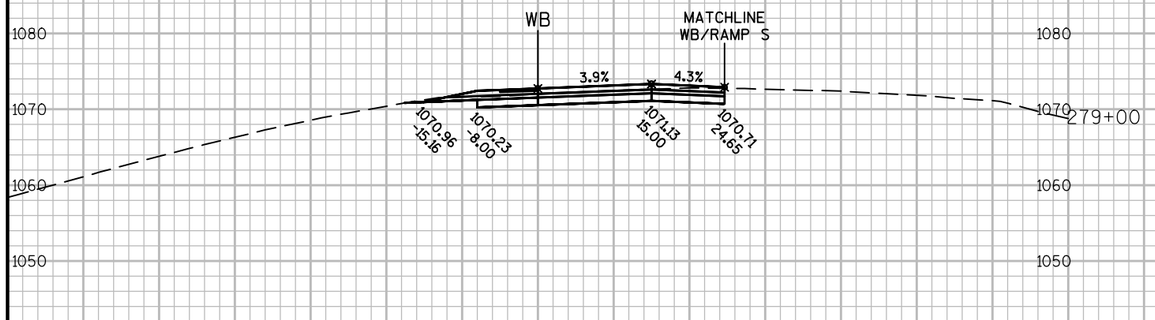
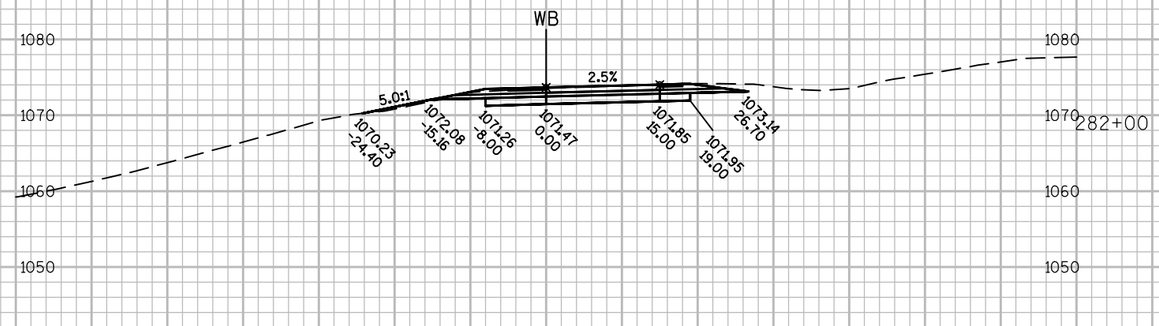
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: Ramp S	SHEET 634	E

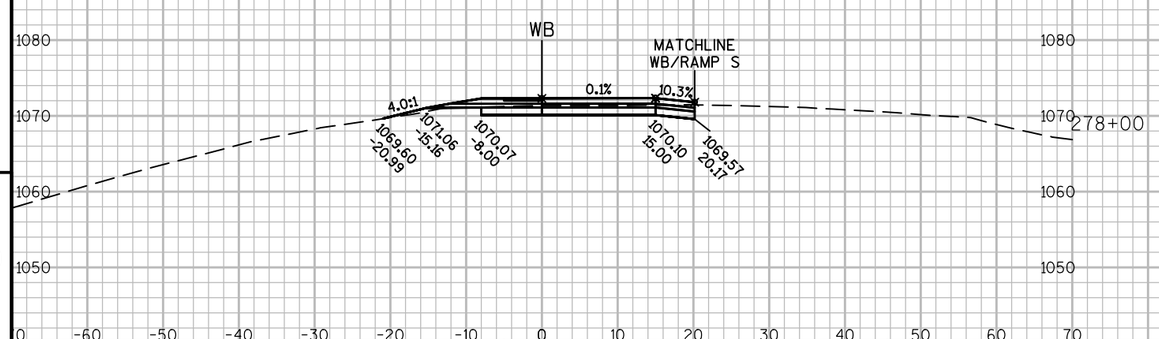
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP S-XS.DWG
LAYOUT NAME - RAMP S - (1)
PLOT DATE : 1/25/2018 10:45 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

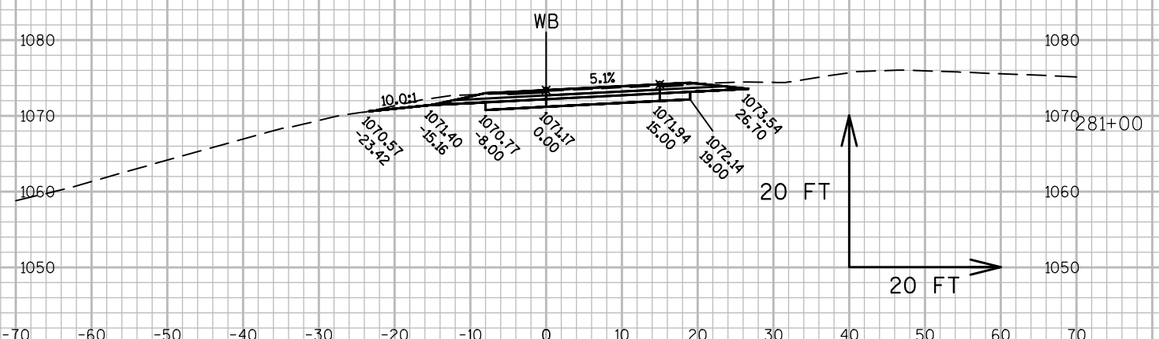












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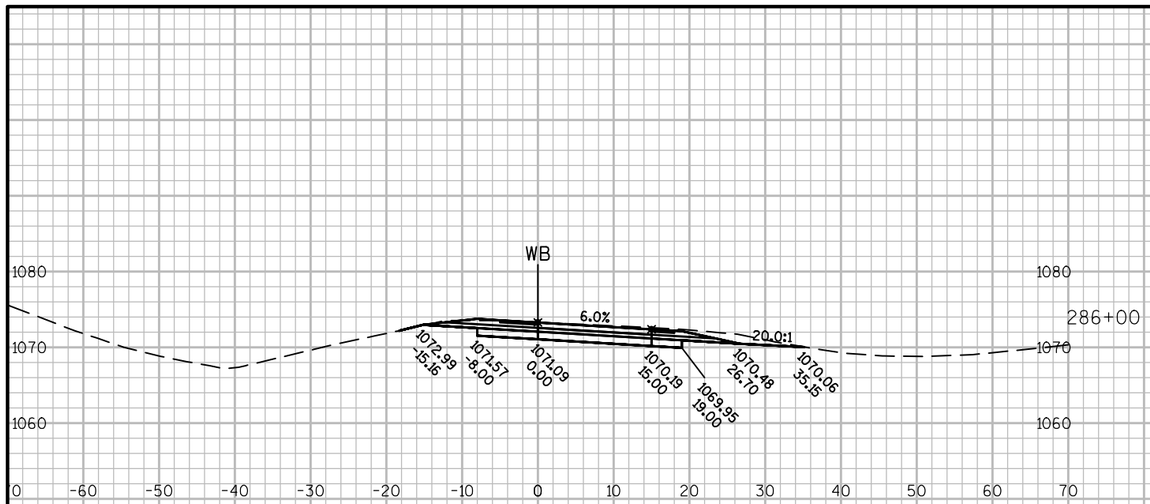
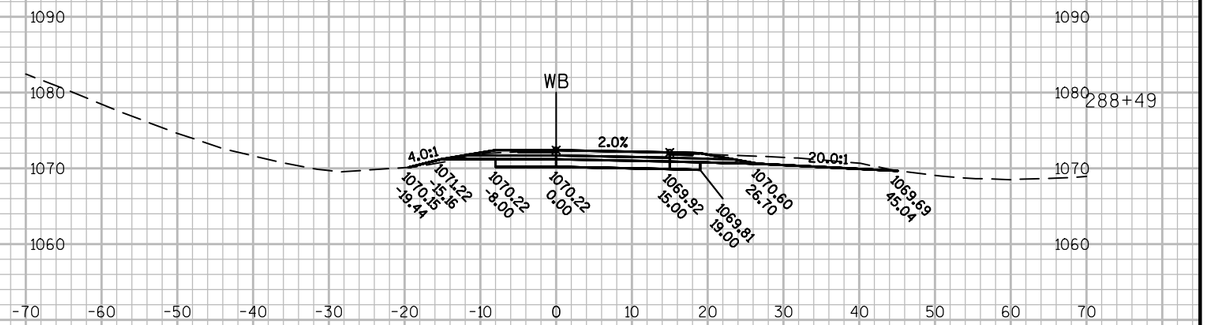
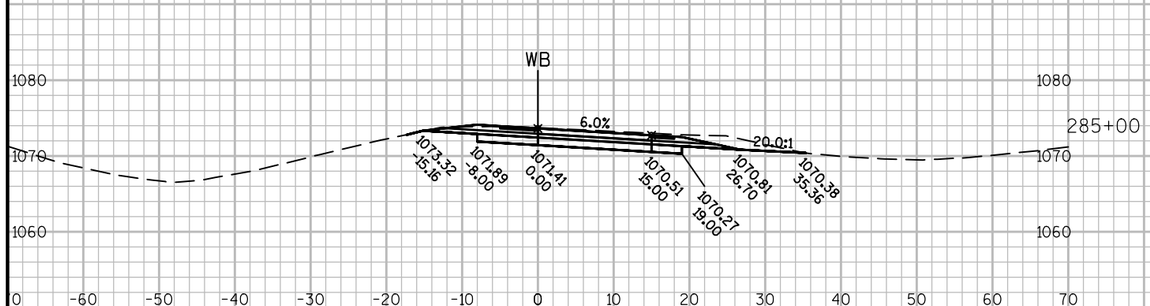
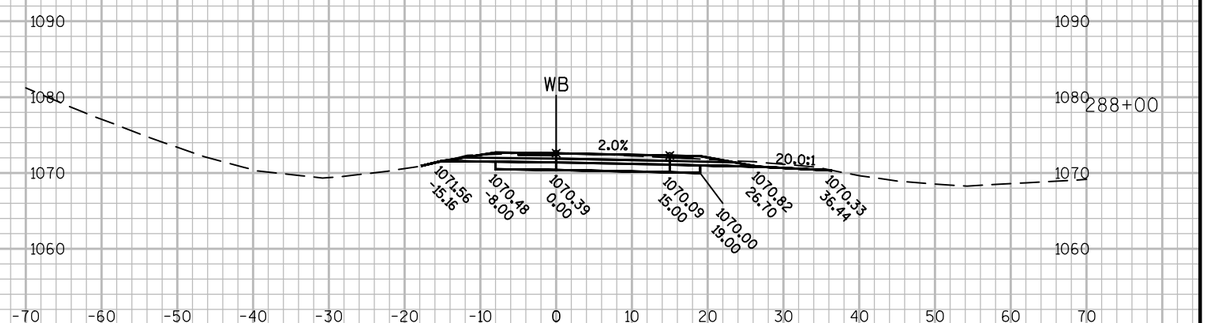
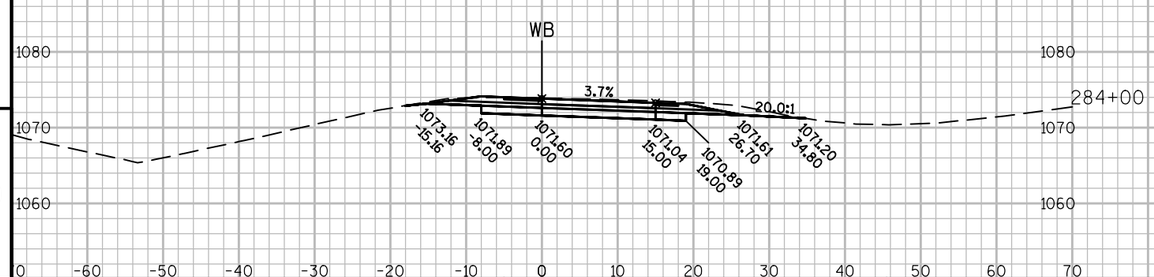
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: Ramp S	SHEET 635	E

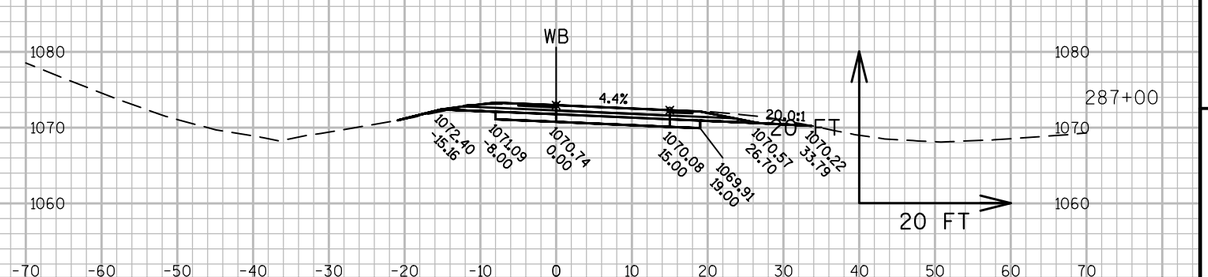












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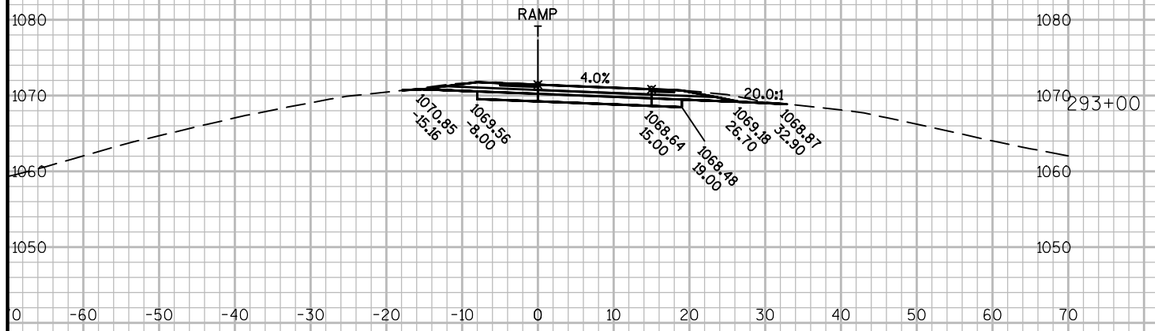
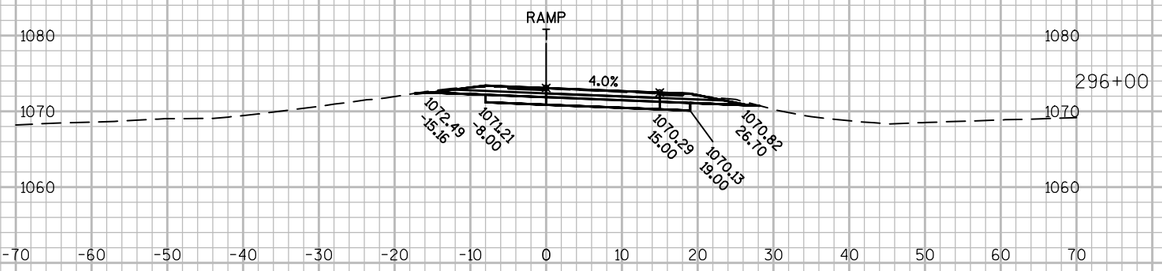
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: Ramp S	SHEET 636	E

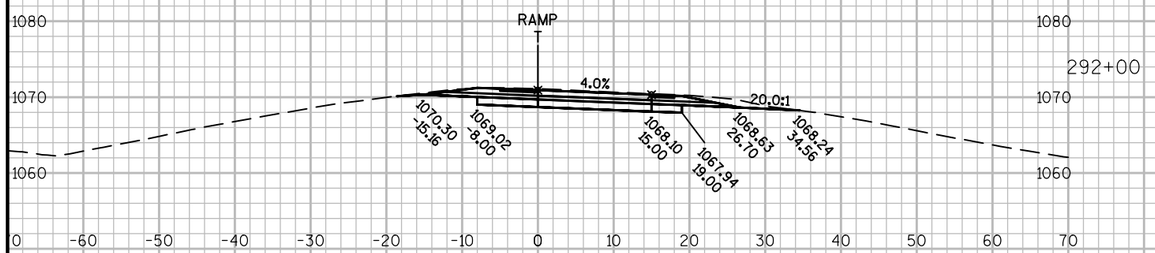
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP S-XS.DWG
LAYOUT NAME - RAMP S - (3)

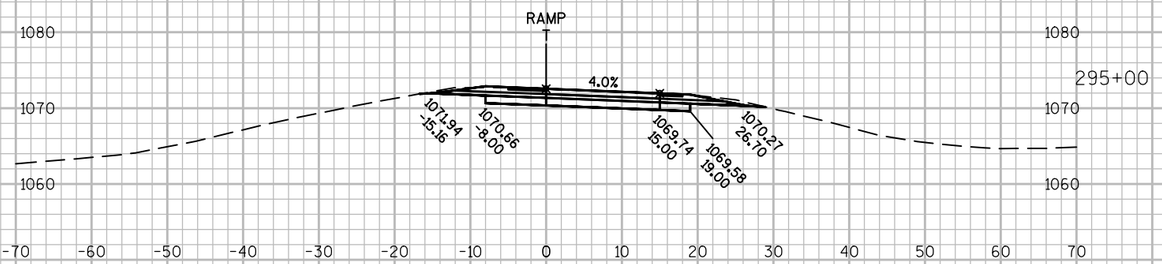
PLOT DATE : 1/25/2018 10:45 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

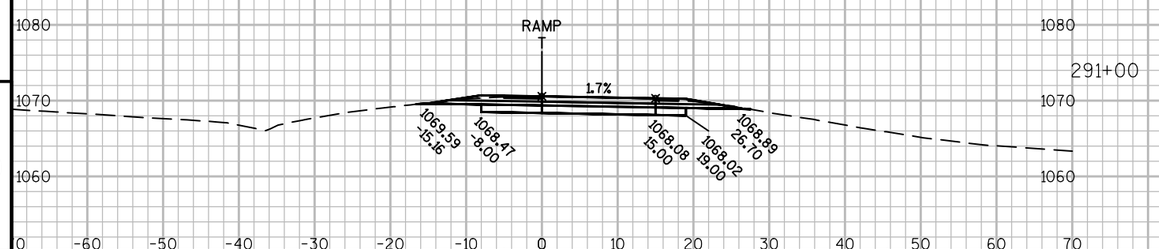
WISDOT/CADDS SHEET 49

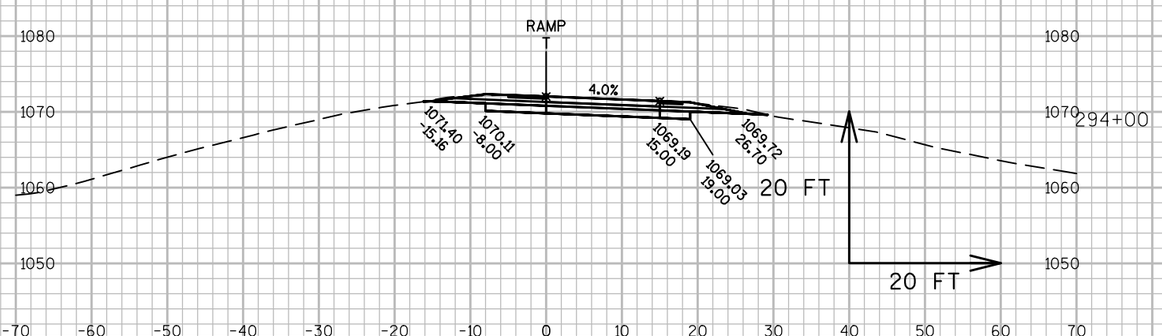










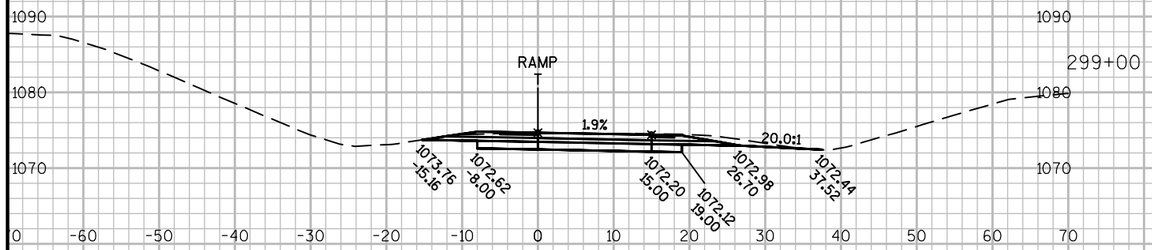


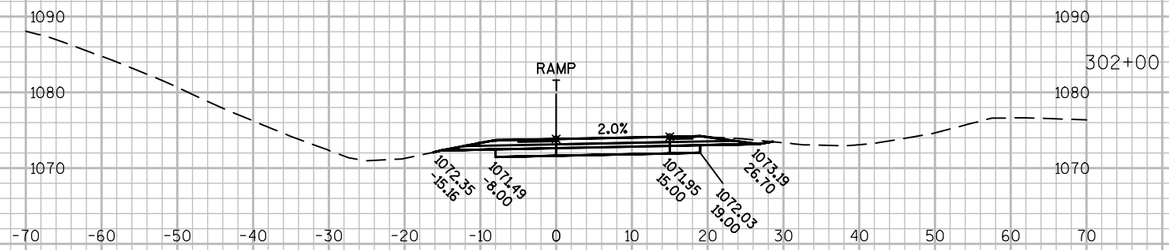
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP T	SHEET 637	E

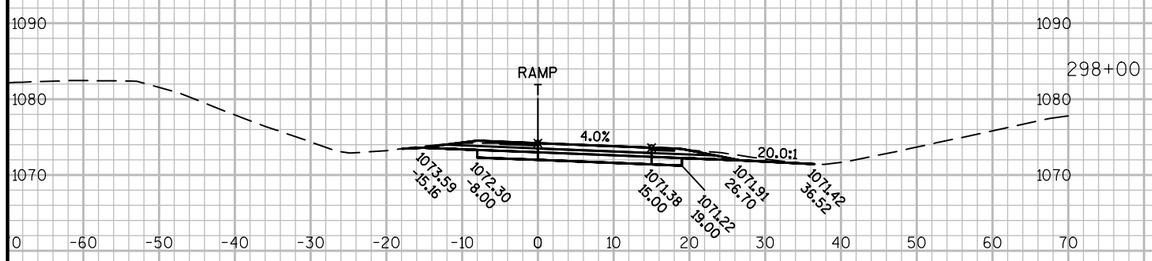
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP T-XS.DWG
LAYOUT NAME - RAMP T - (1)

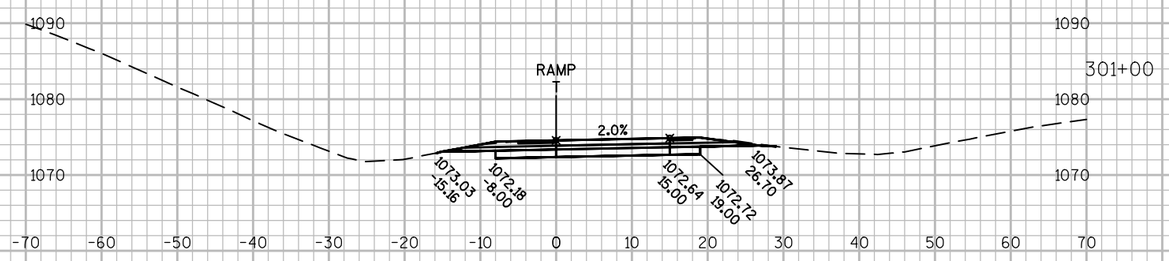
PLOT DATE : 1/25/2018 1:28 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

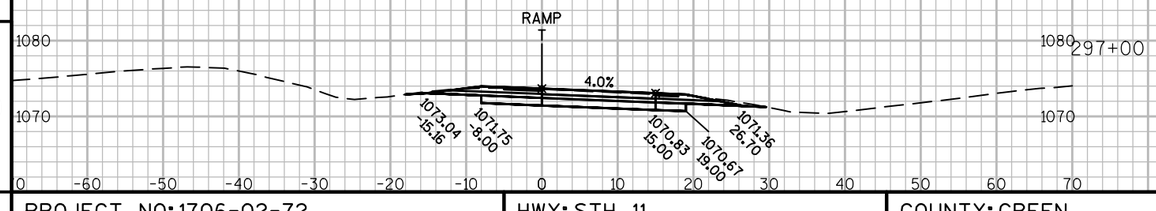
WISDOT/CADDS SHEET 49

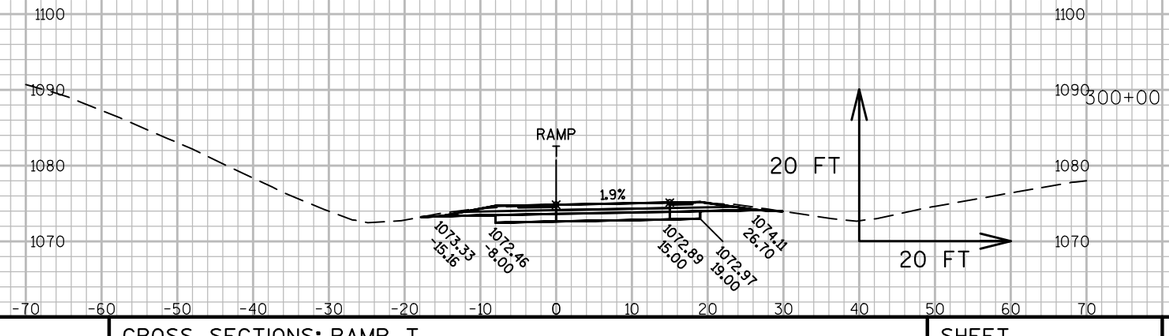












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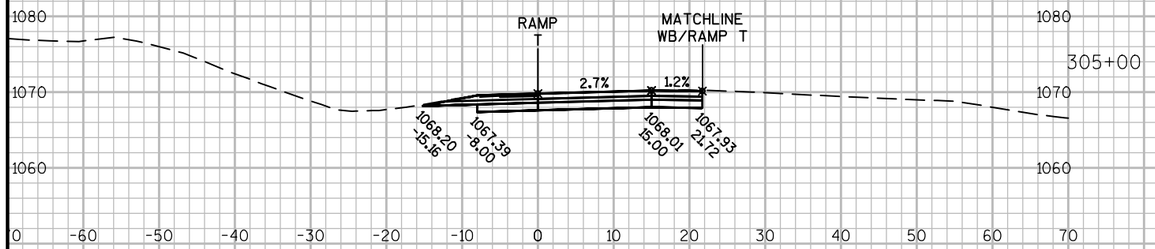
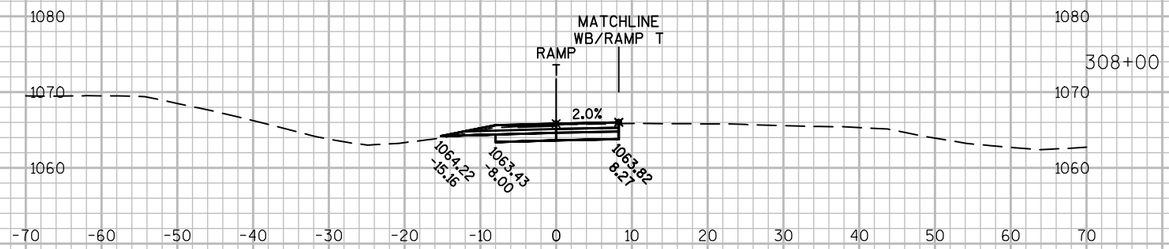
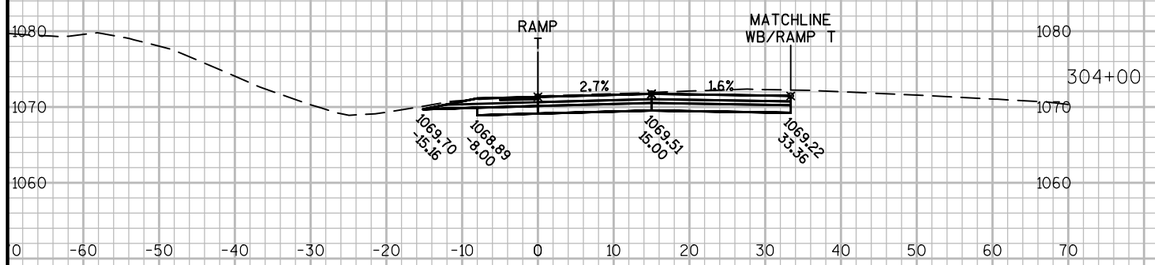
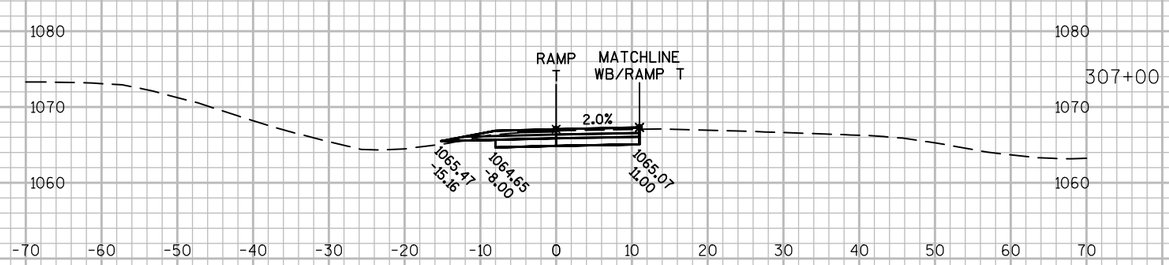
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP T	SHEET 638	E

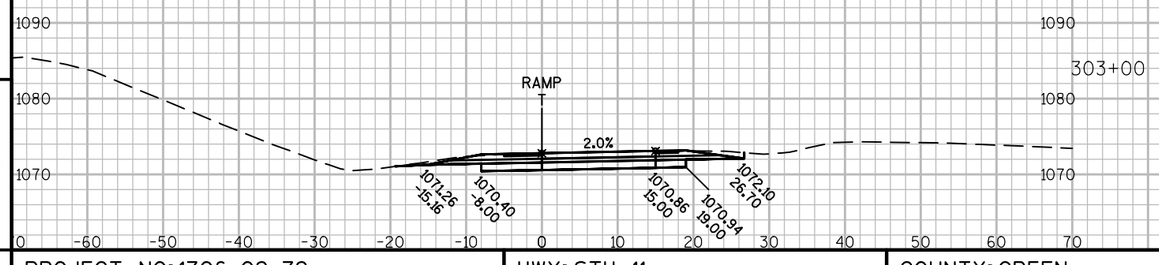
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP T-XS.DWG
LAYOUT NAME - RAMP T - (2)
PLOT DATE : 1/25/2018 1:29 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

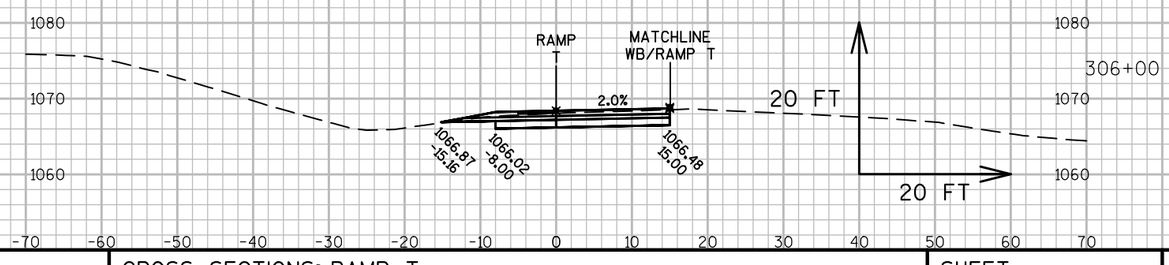












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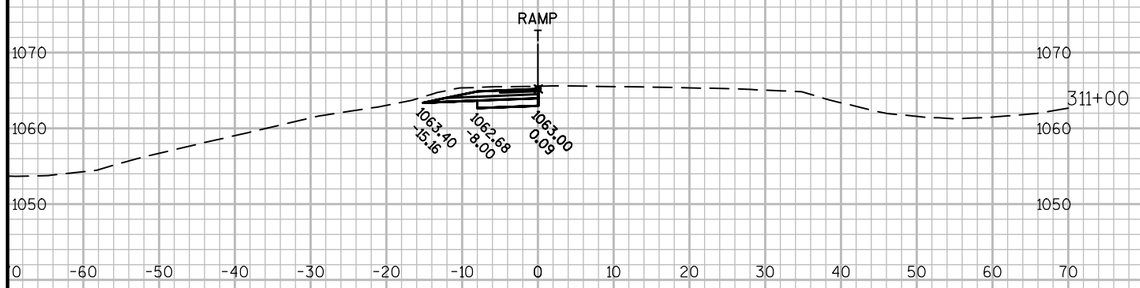
9

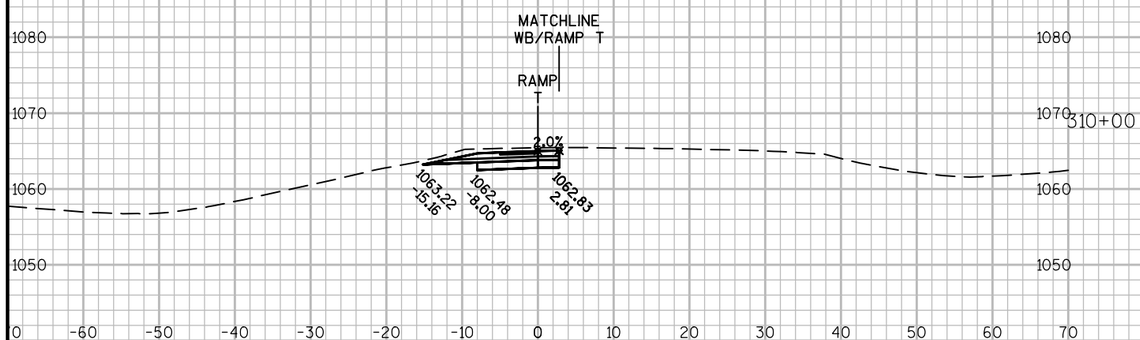
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP T	SHEET 639	E

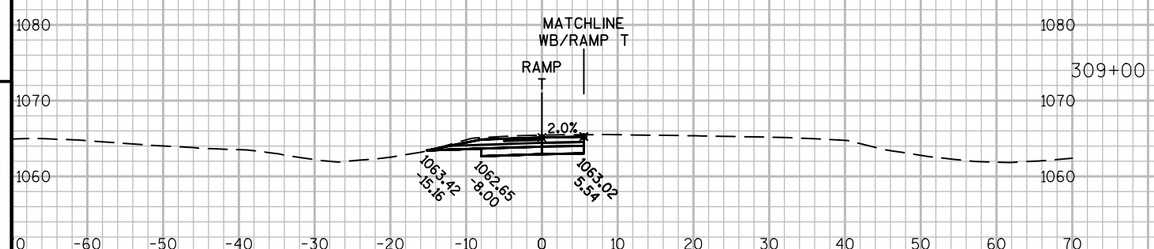
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP T-XS.DWG
LAYOUT NAME - RAMP T - (3)

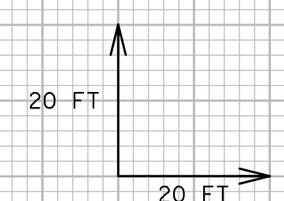
PLOT DATE : 1/25/2018 1:29 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49









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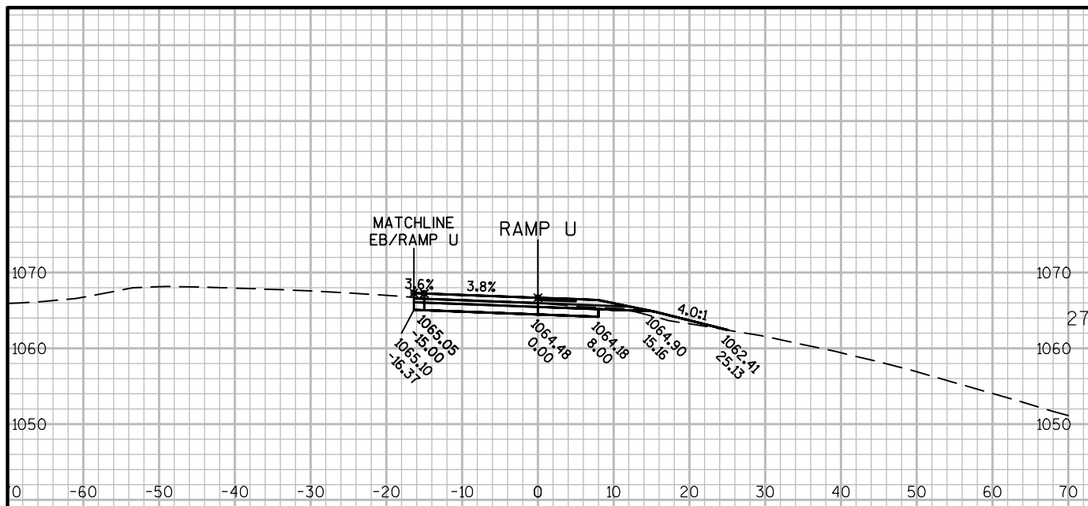
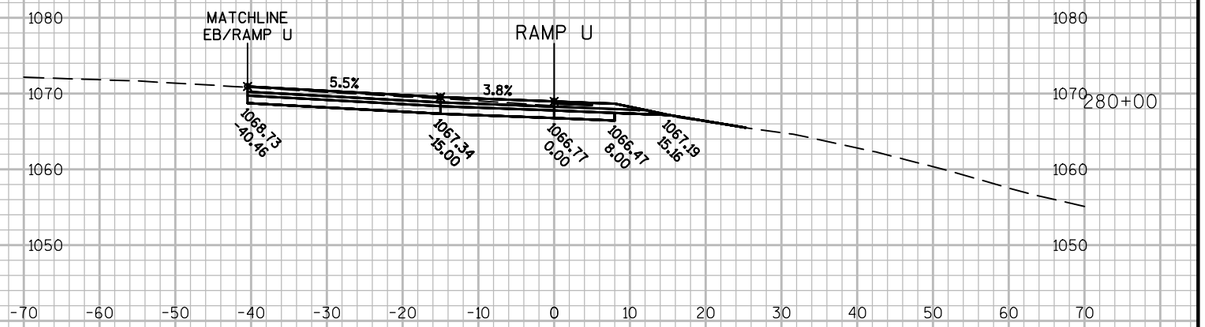
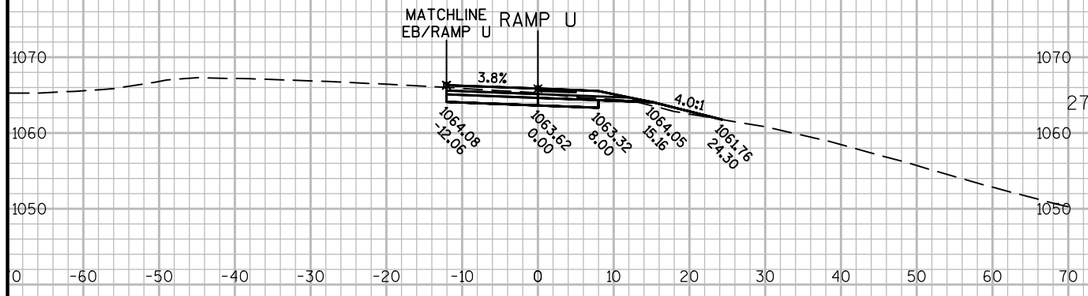
9

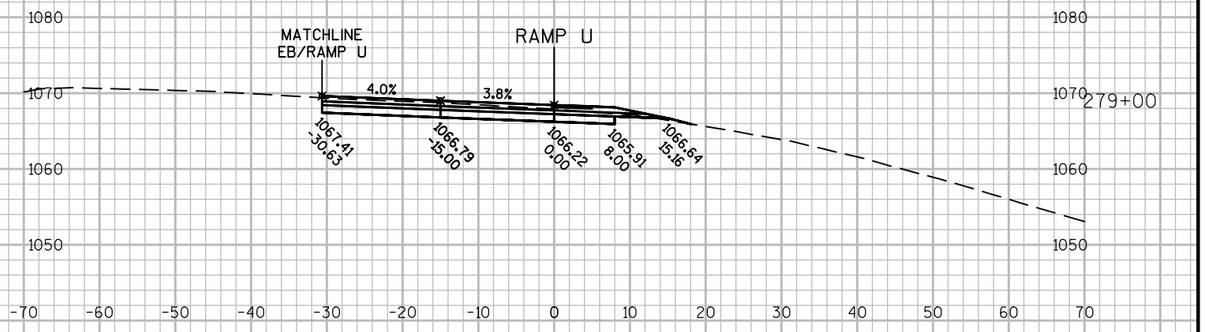
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP T	SHEET 640	E

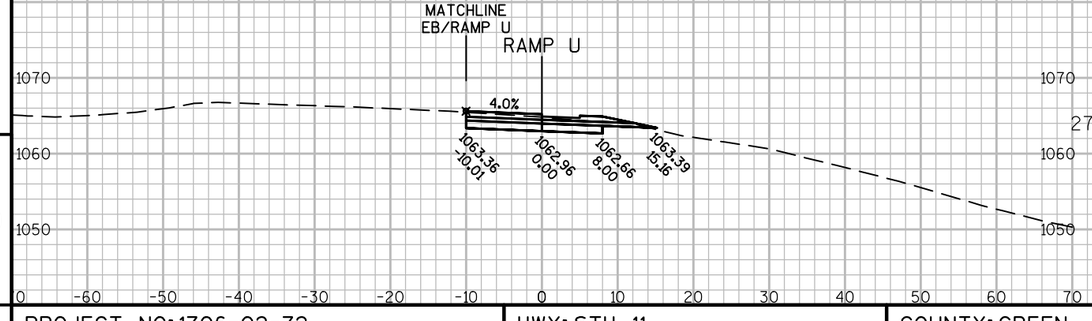
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP T-XS.DWG
LAYOUT NAME - RAMP T - (4)
PLOT DATE : 1/25/2018 1:29 PM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

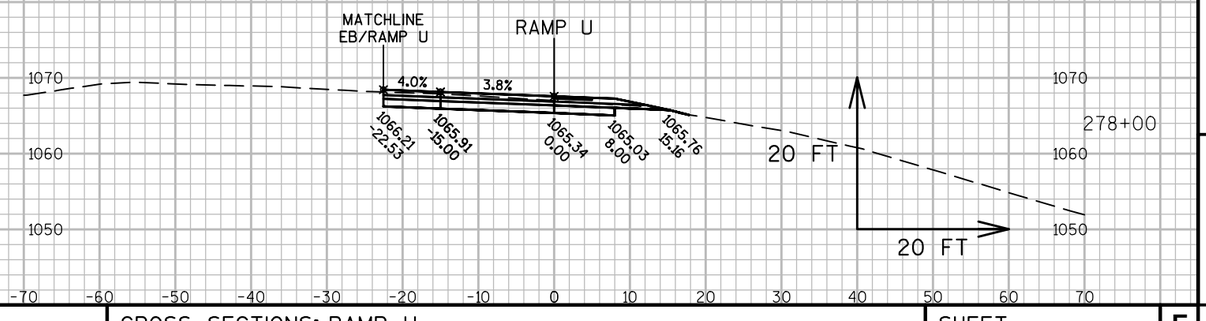












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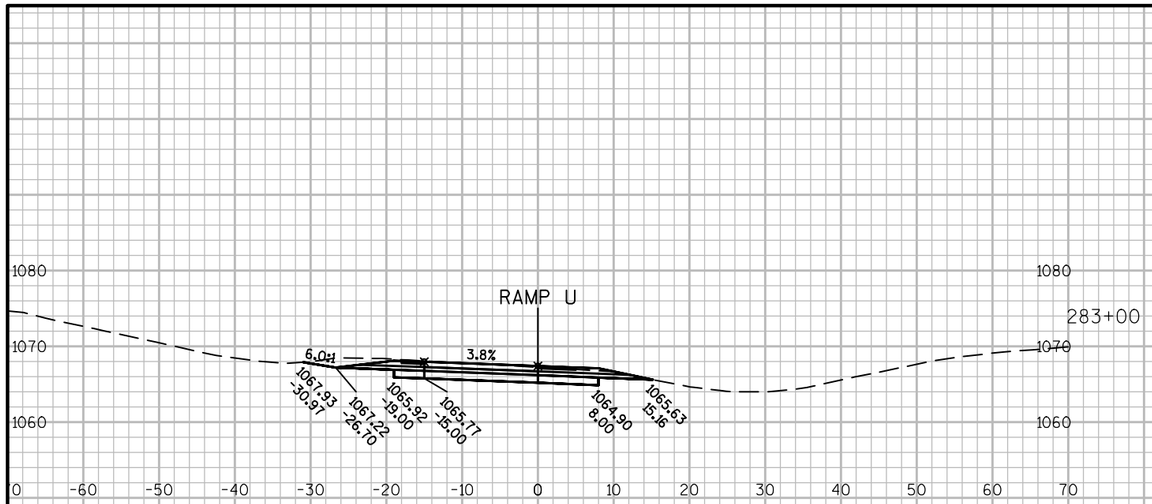
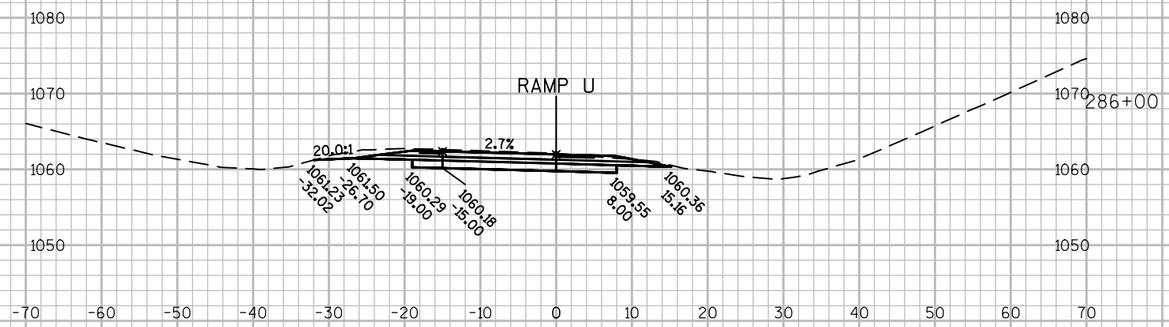
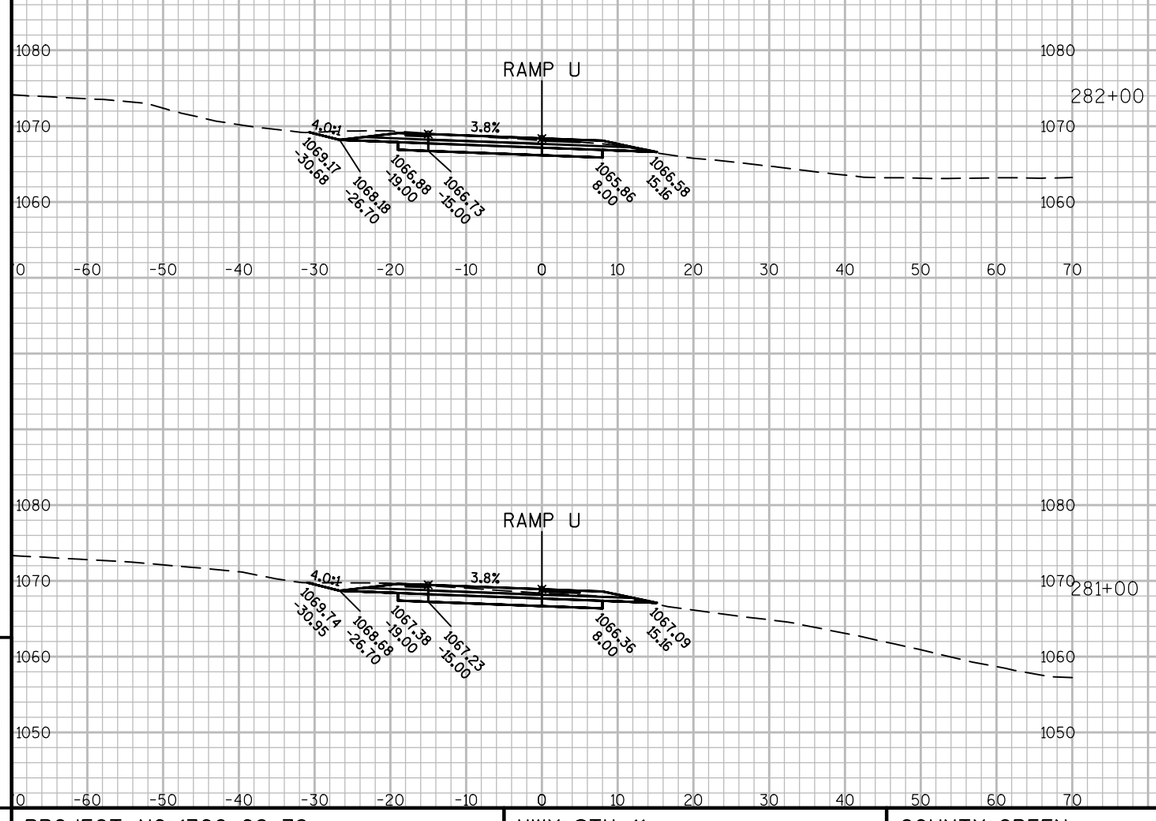
9

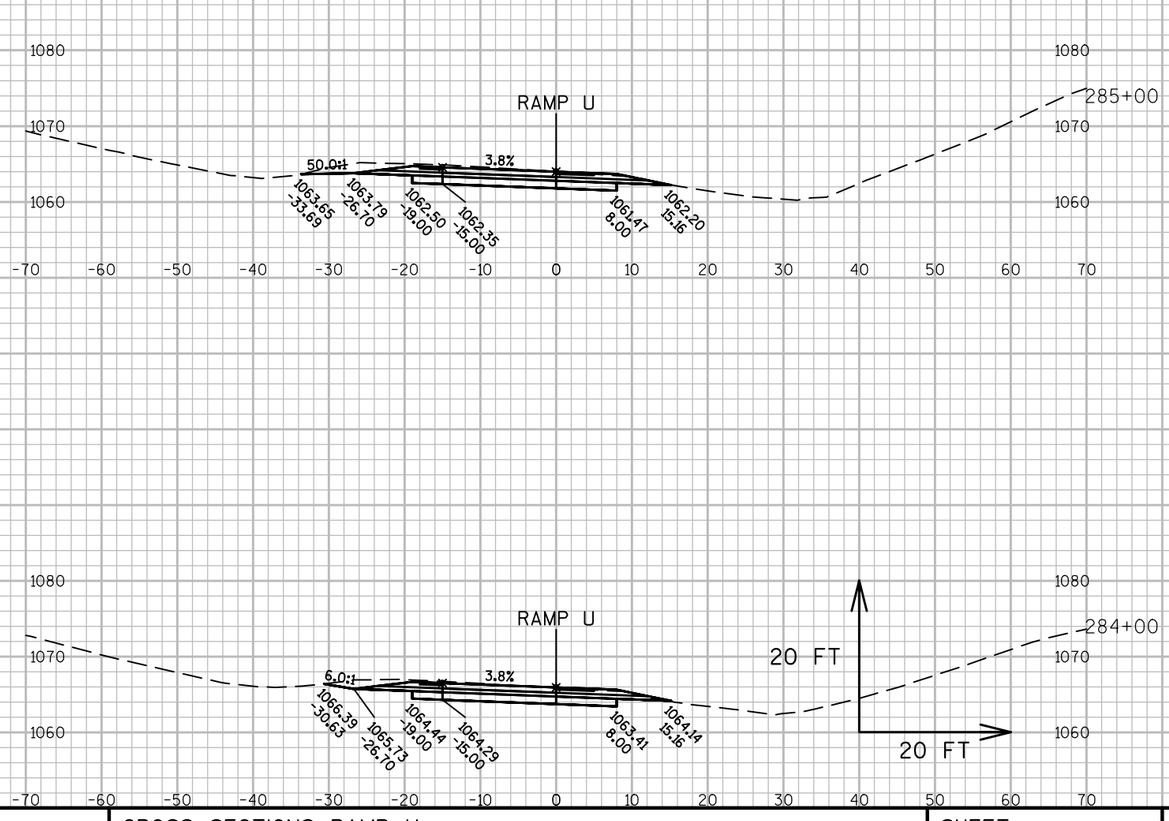
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP U	SHEET 641	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP U-XS.DWG
LAYOUT NAME - RAMP U - (1)
PLOT DATE : 1/25/2018 3:00 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49









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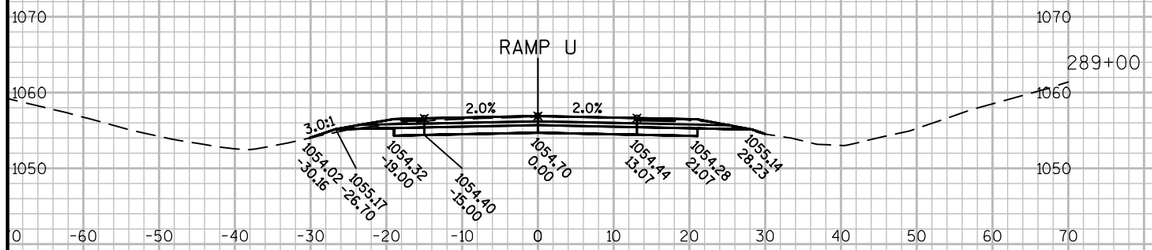
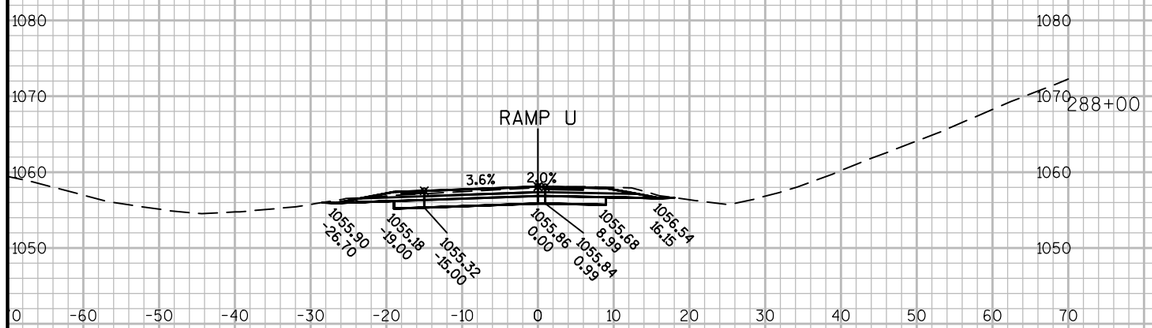
9

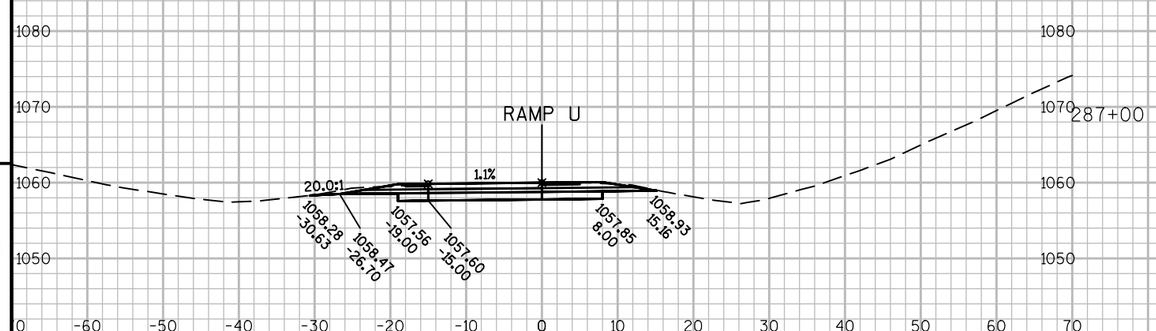
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP U	SHEET 642	E

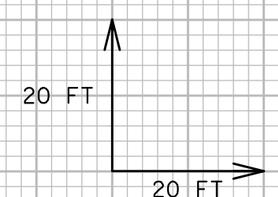
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP U-XS.DWG
LAYOUT NAME - RAMP U - (2)

PLOT DATE : 1/25/2018 3:00 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT









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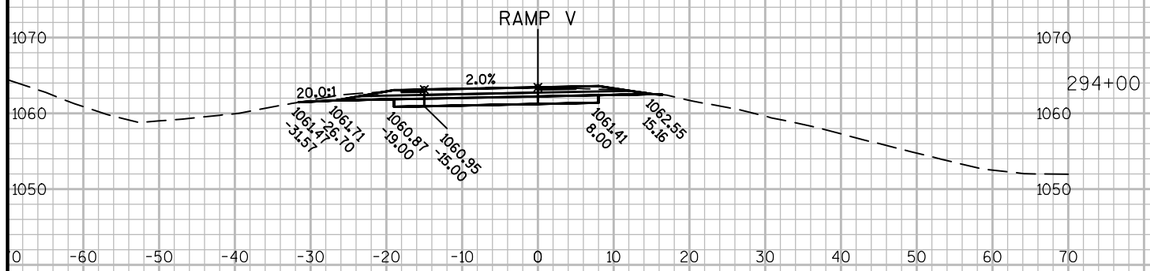
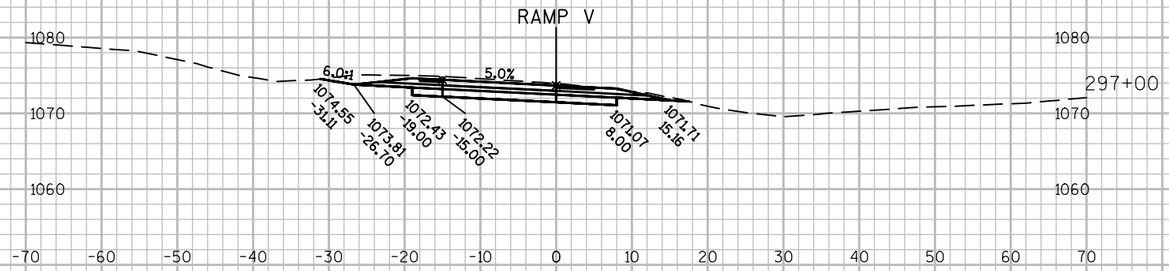
9

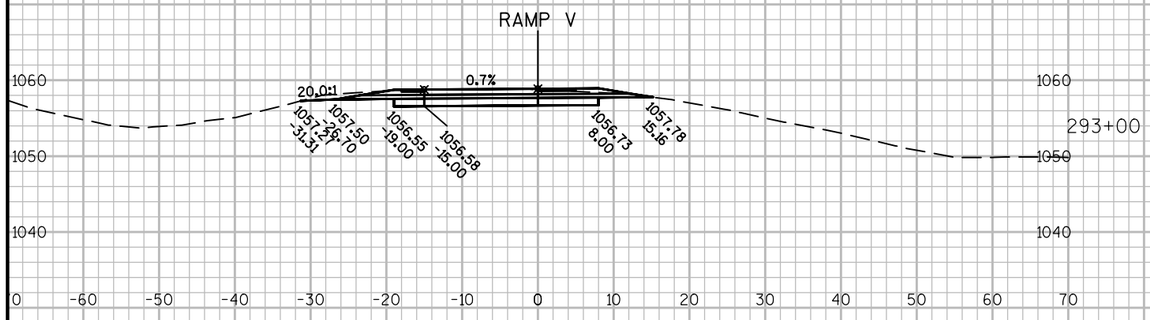
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP U	SHEET 643	E

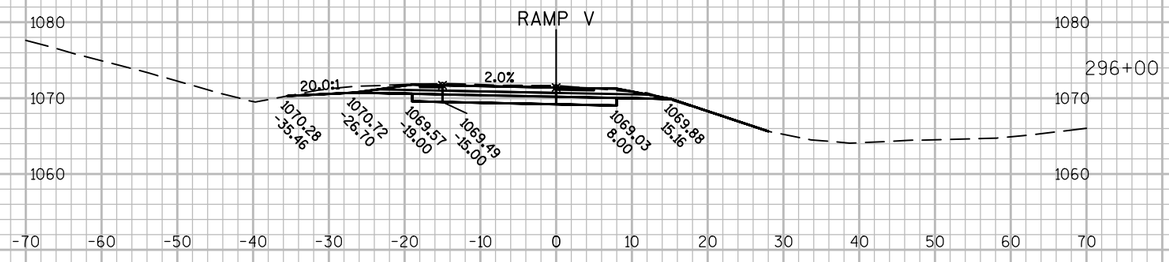
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP U-XS.DWG
LAYOUT NAME - RAMP U - (3)

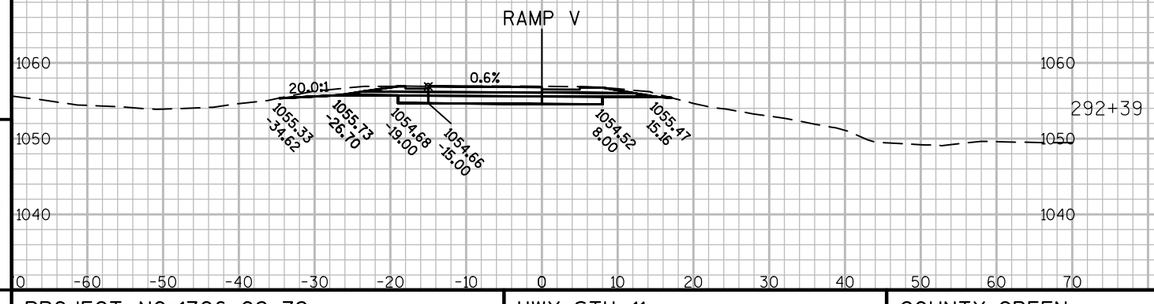
PLOT DATE : 1/25/2018 3:00 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

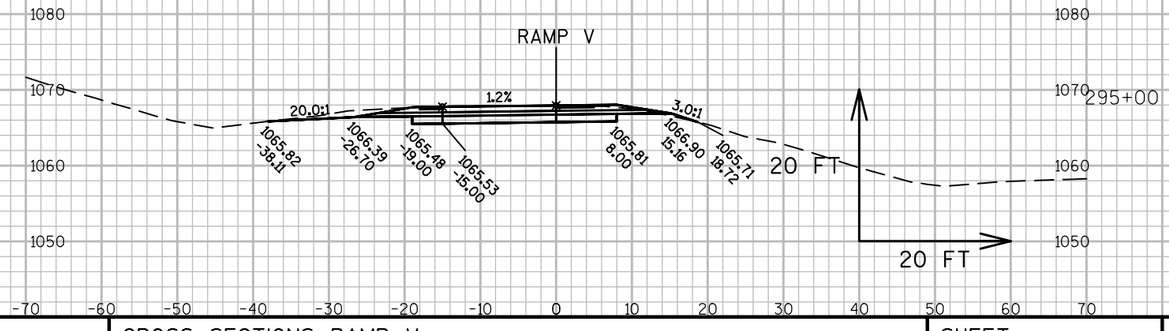












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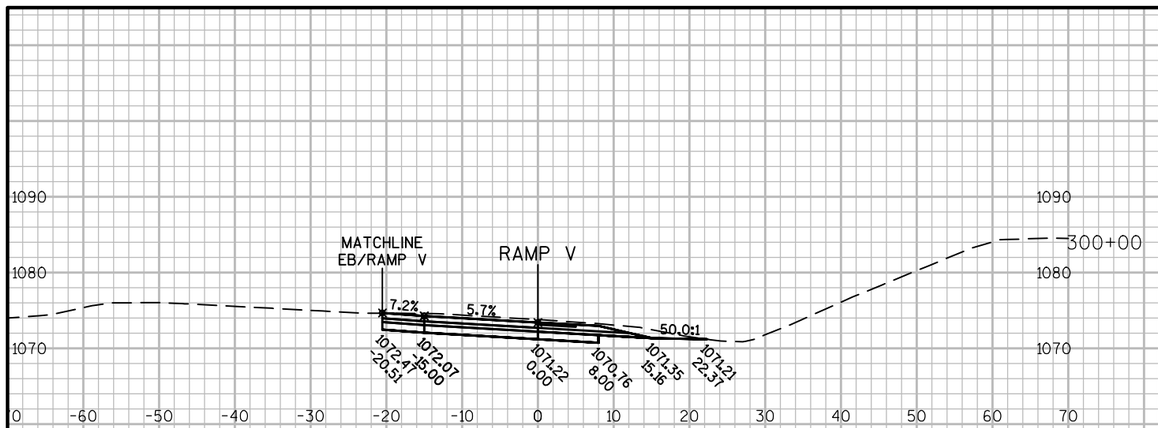
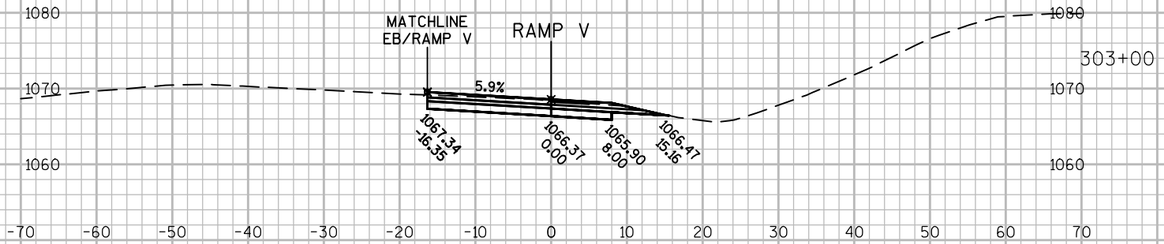
9

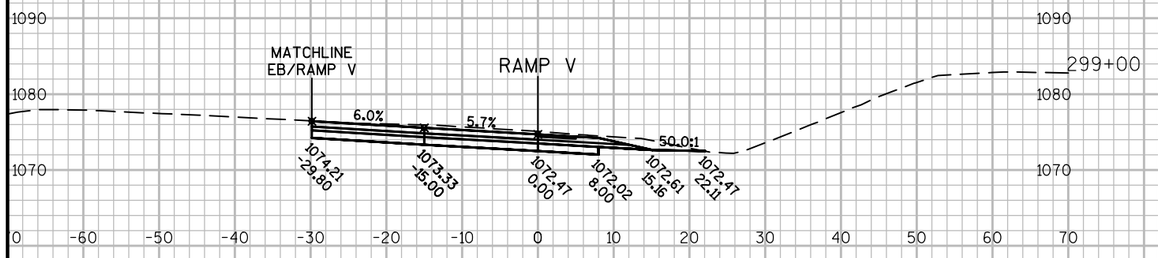
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP V	SHEET 644	E

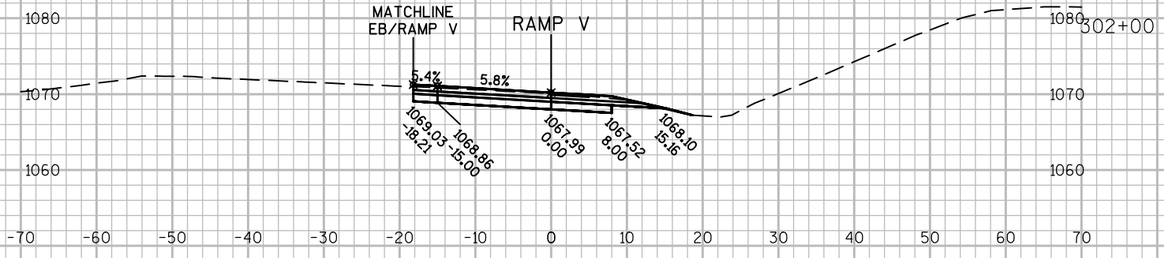
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP V-XS.DWG
LAYOUT NAME - RAMP V - (1)

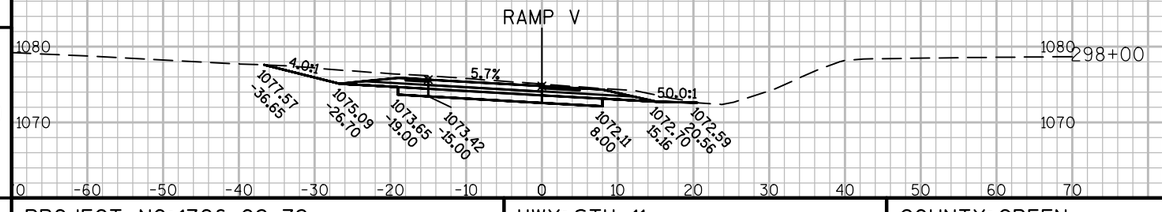
PLOT DATE : 1/25/2018 4:09 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

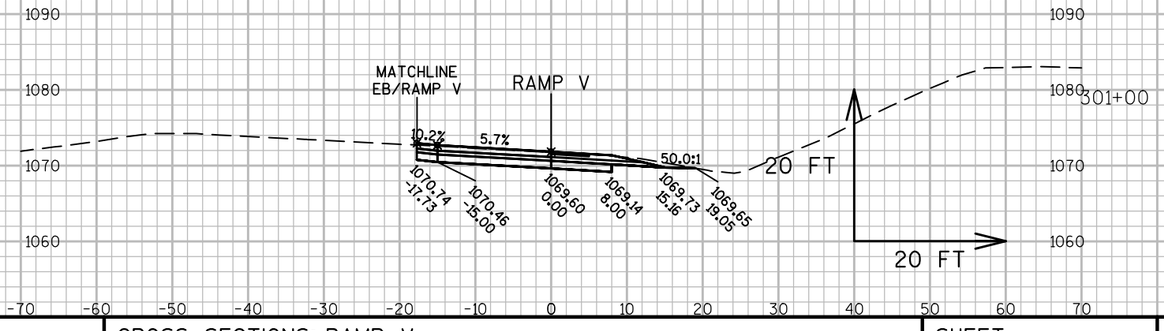












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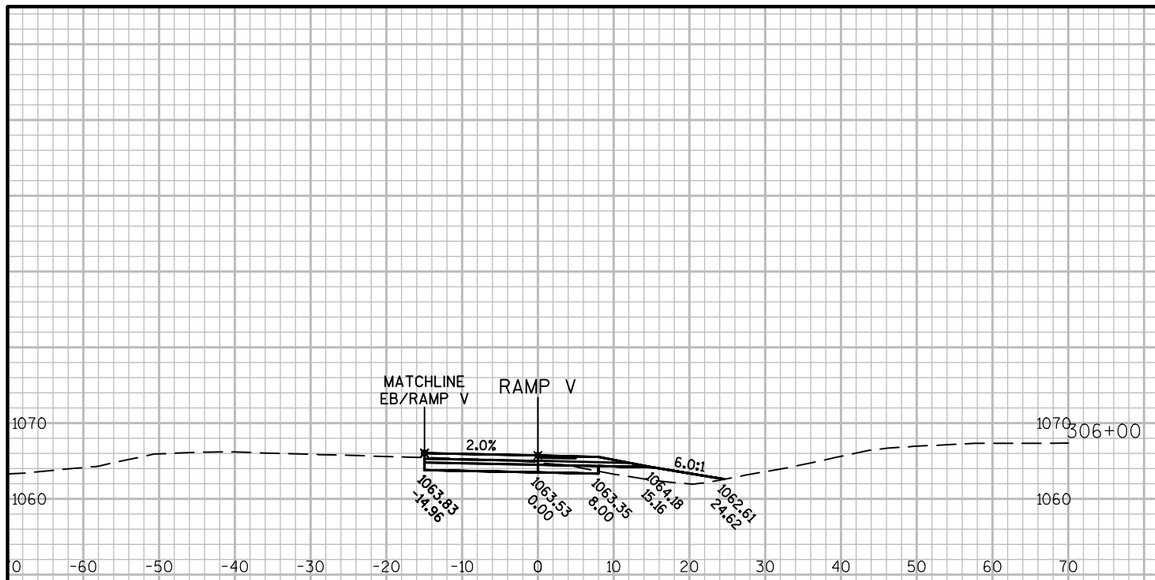
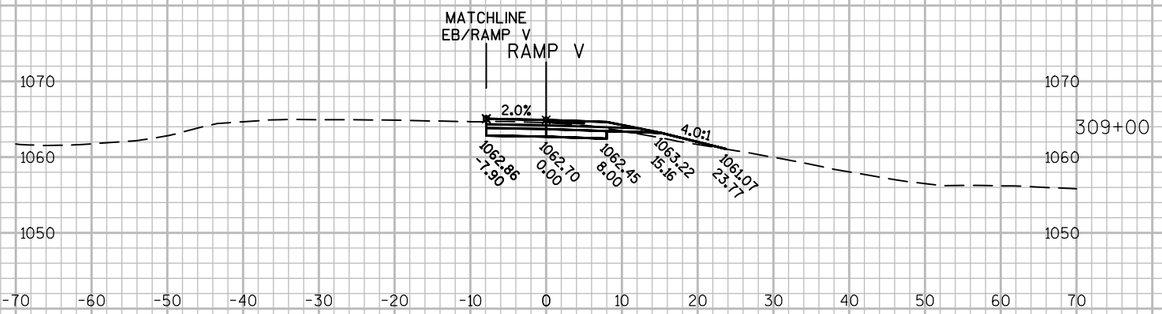
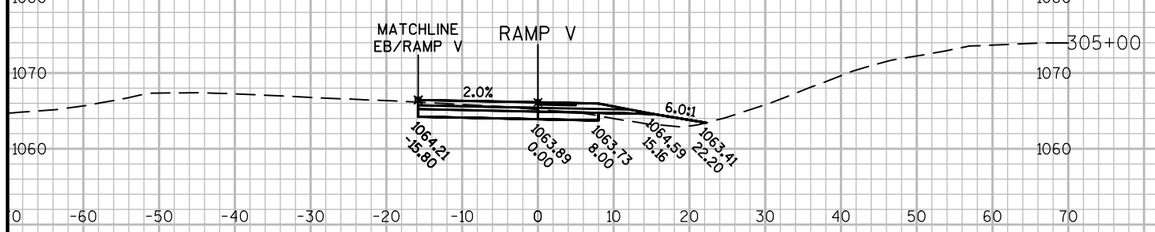
9

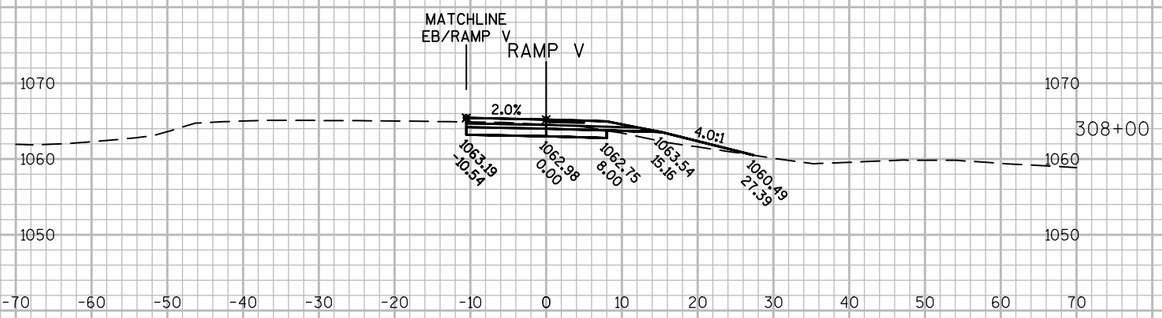
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP V	SHEET 645	E

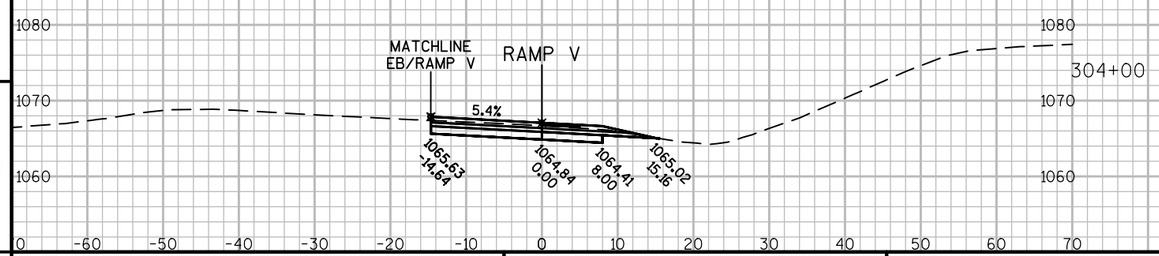
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP V-XS.DWG
LAYOUT NAME - RAMP V - (2)
PLOT DATE : 1/25/2018 4:09 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

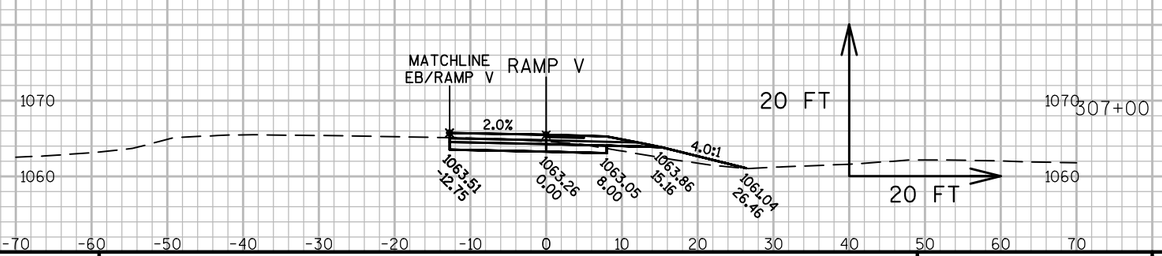












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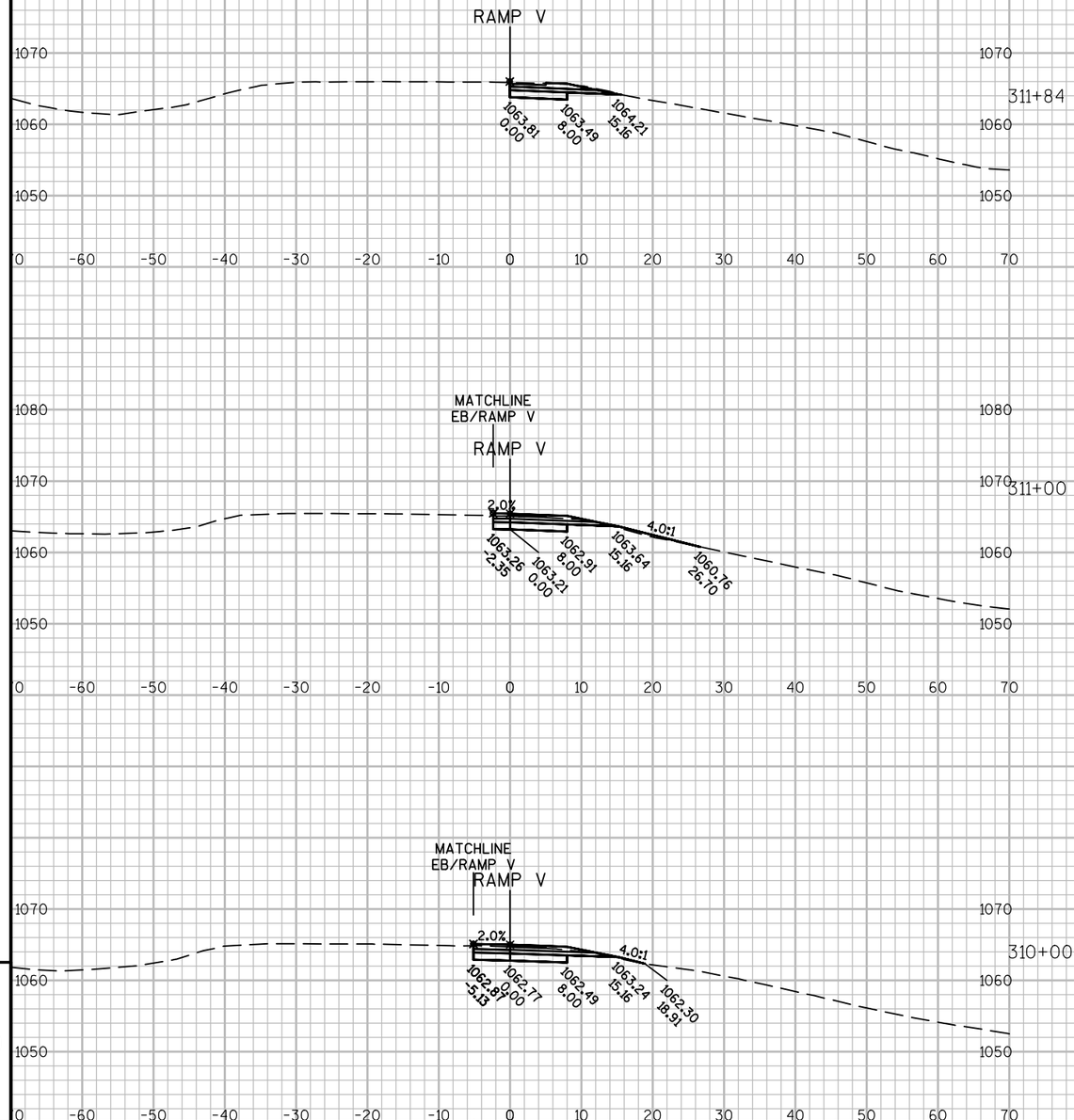
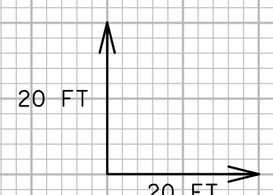
9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP V	SHEET 646	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP V-XS.DWG
LAYOUT NAME - RAMP V - (3)

PLOT DATE : 1/25/2018 4:09 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT





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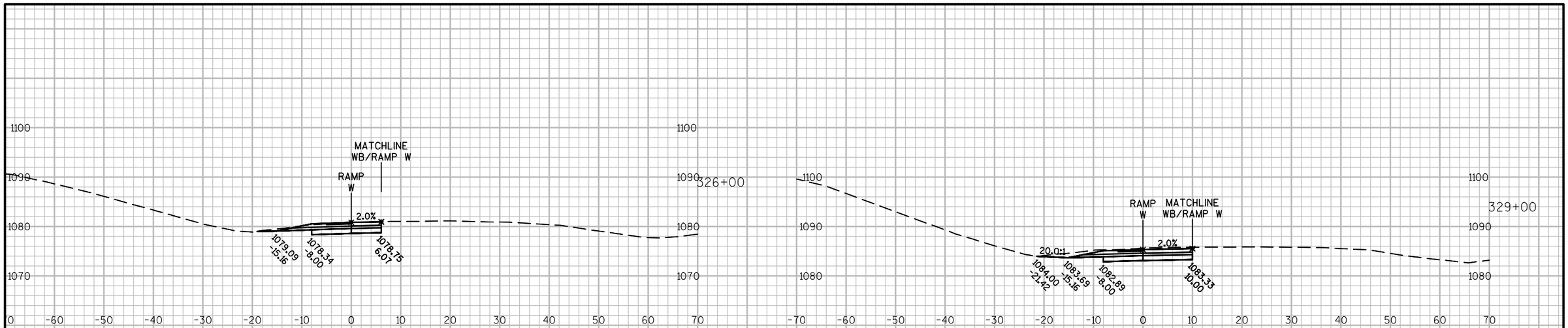
9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP V	SHEET 647	E



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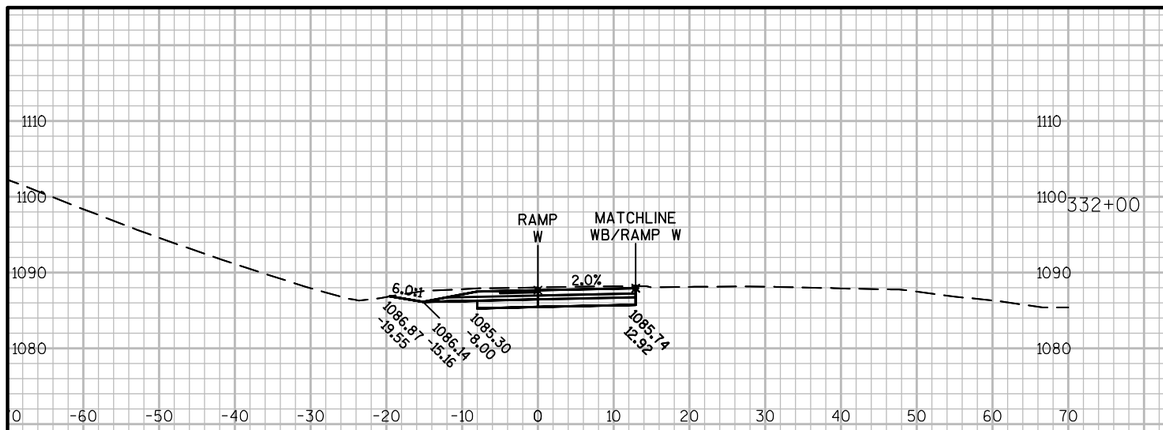
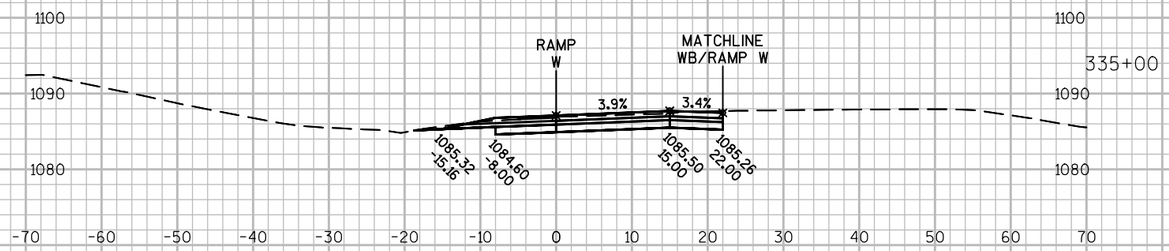
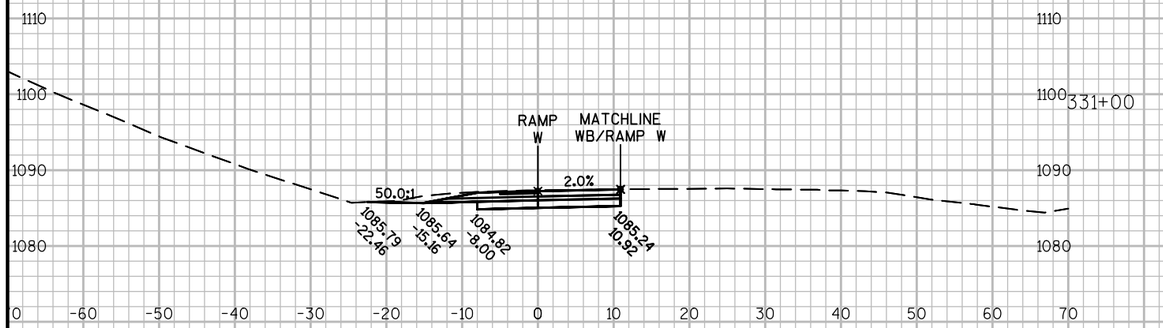
9

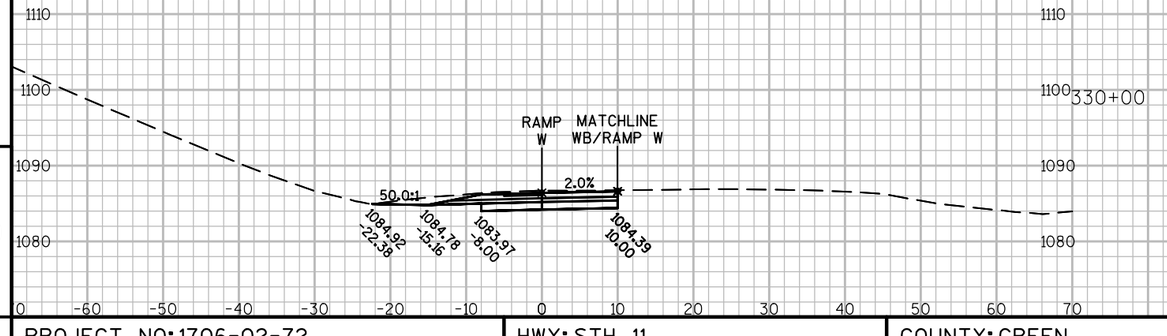
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP W	SHEET 648	E

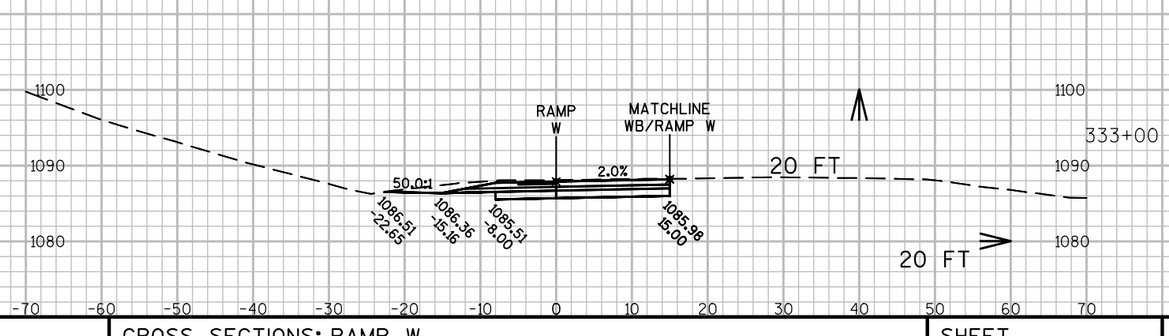
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP W-XS.DWG
LAYOUT NAME - RAMP W - (1)
PLOT DATE : 1/26/2018 11:54 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











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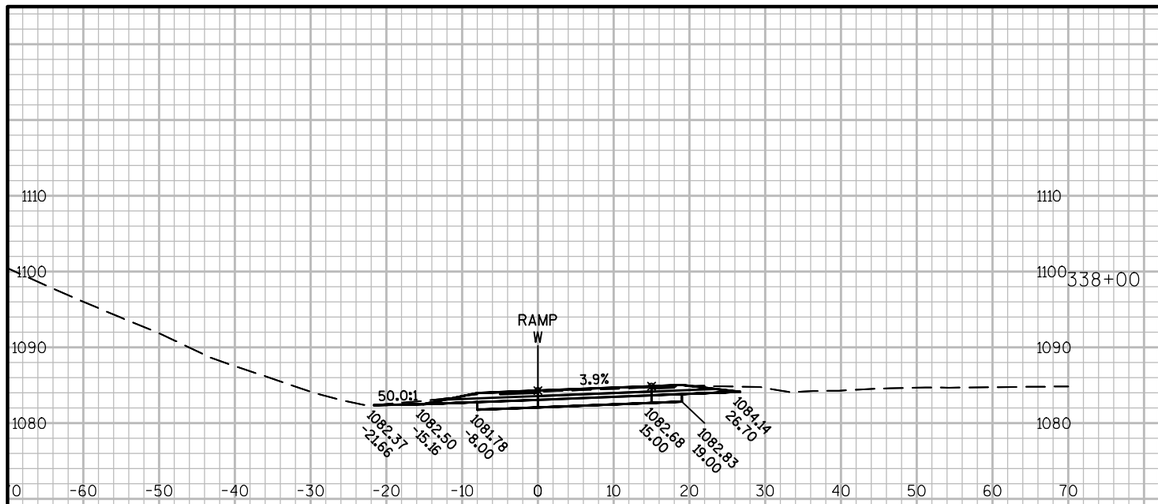
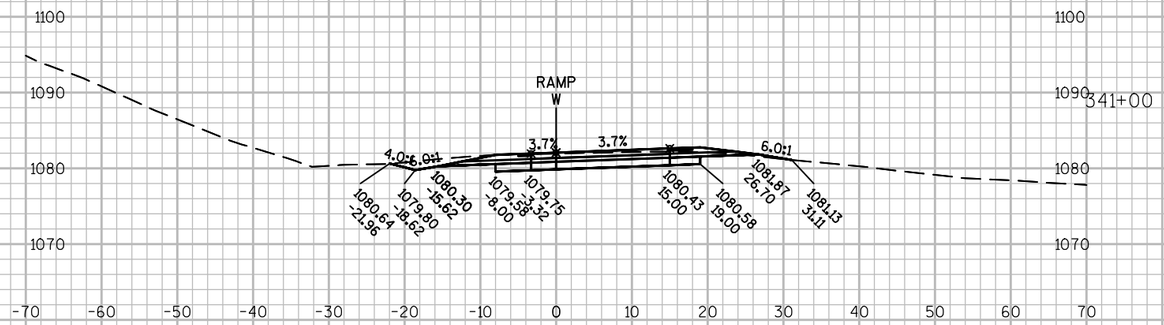
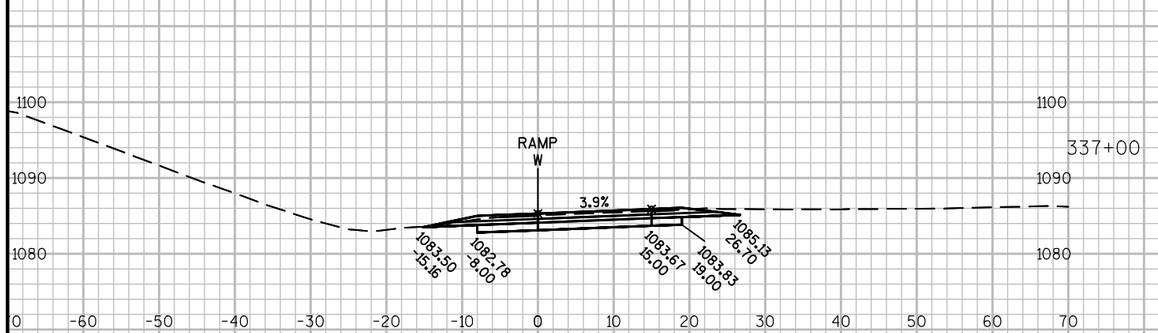
9

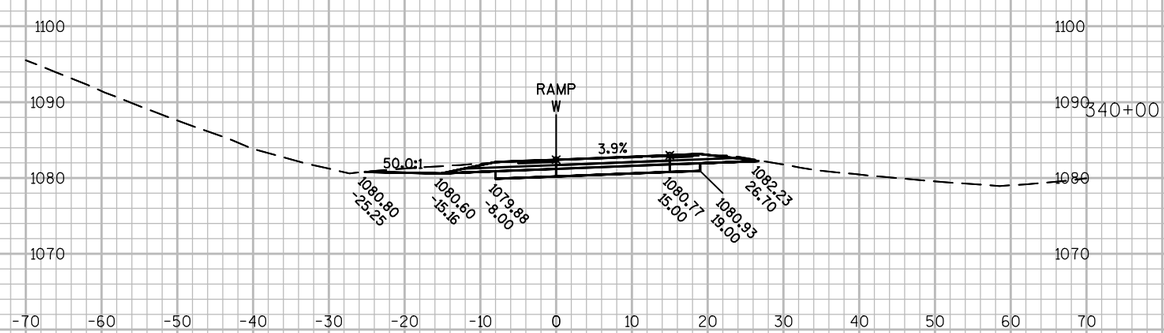
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP W	SHEET 649	E

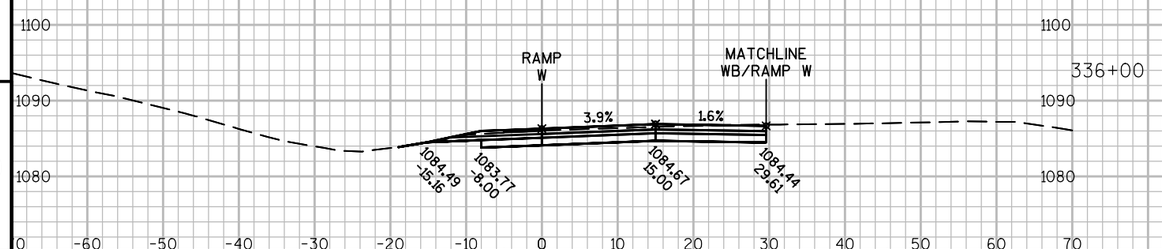
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP W-XS.DWG
LAYOUT NAME - RAMP W - (2)
PLOT DATE : 1/26/2018 11:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

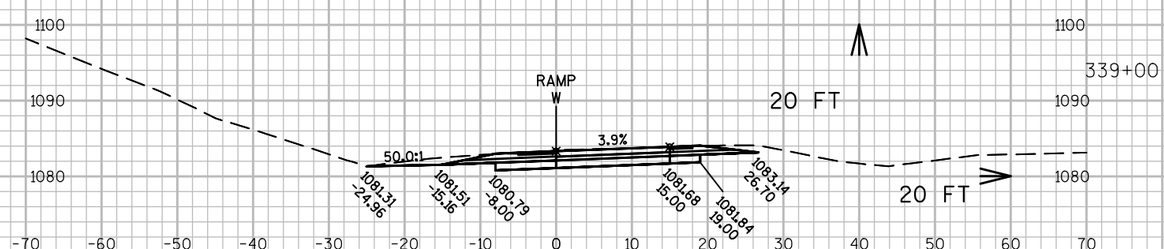












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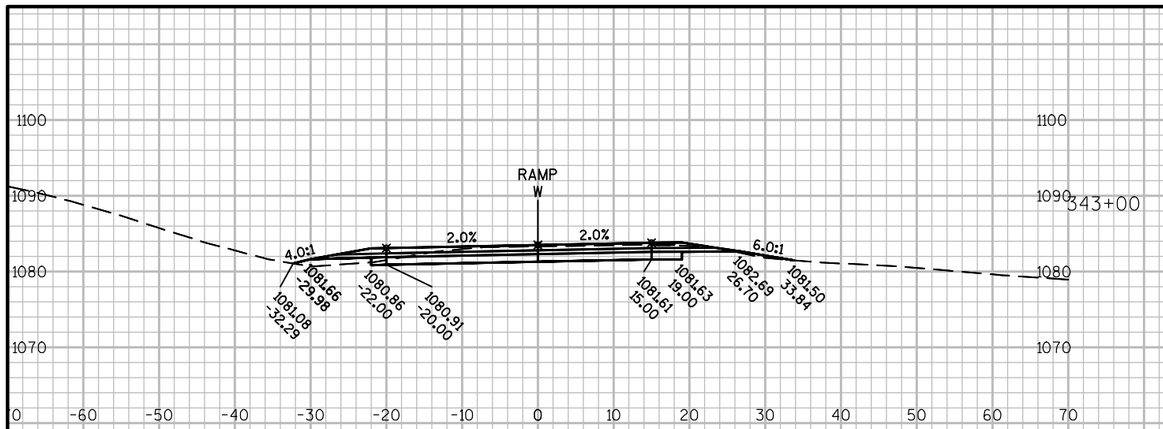
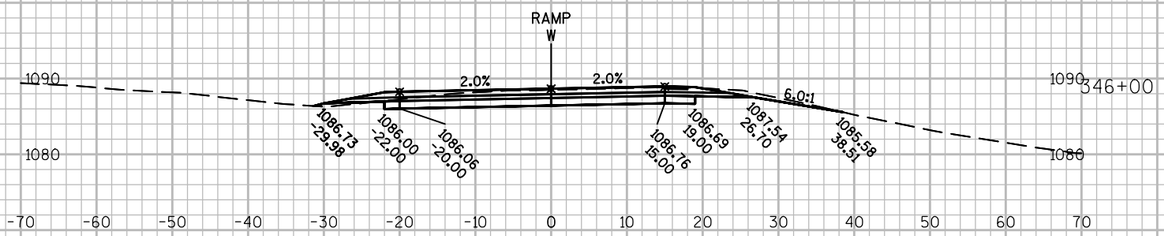
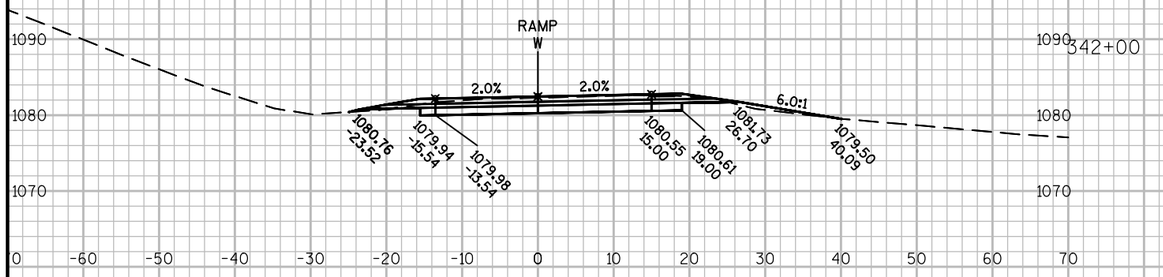
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP W	SHEET 650	E

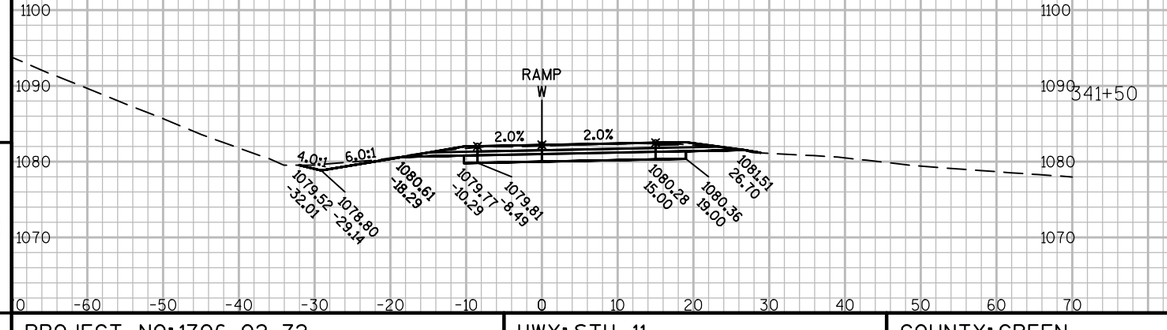
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP W-XS.DWG
LAYOUT NAME - RAMP W - (3)

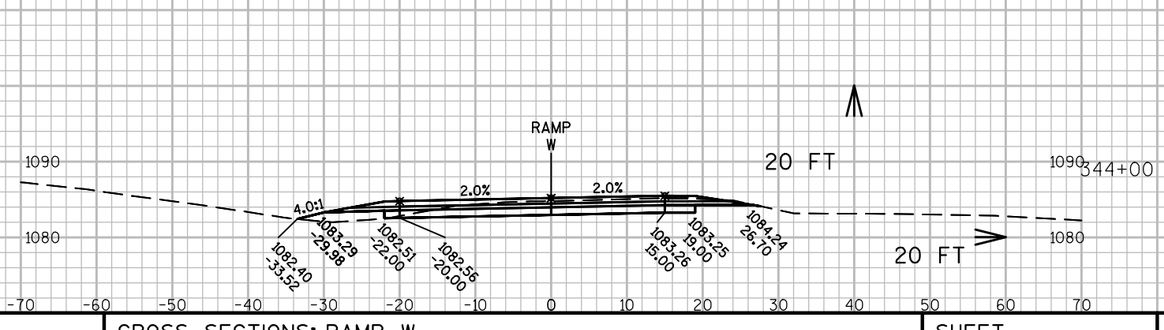
PLOT DATE : 1/26/2018 11:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT











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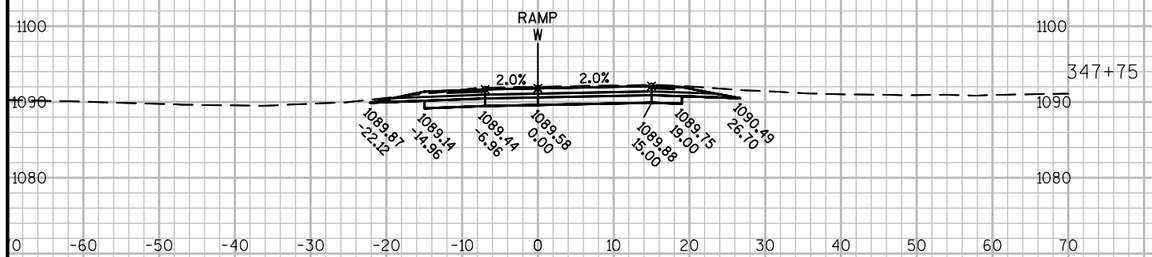
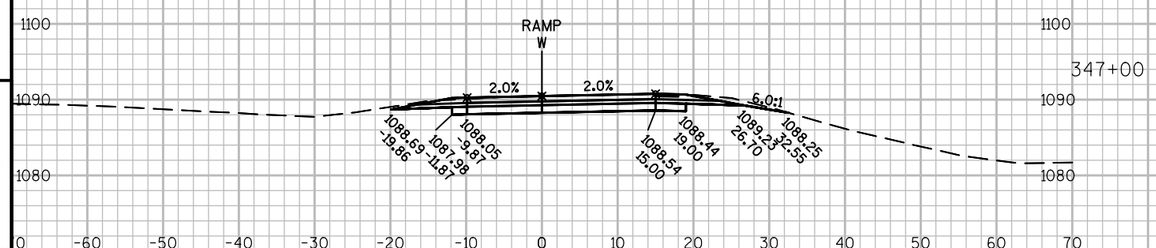
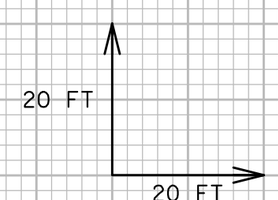
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP W	SHEET 651	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP W-XS.DWG
LAYOUT NAME - RAMP W - (4)
PLOT DATE : 1/26/2018 11:55 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49







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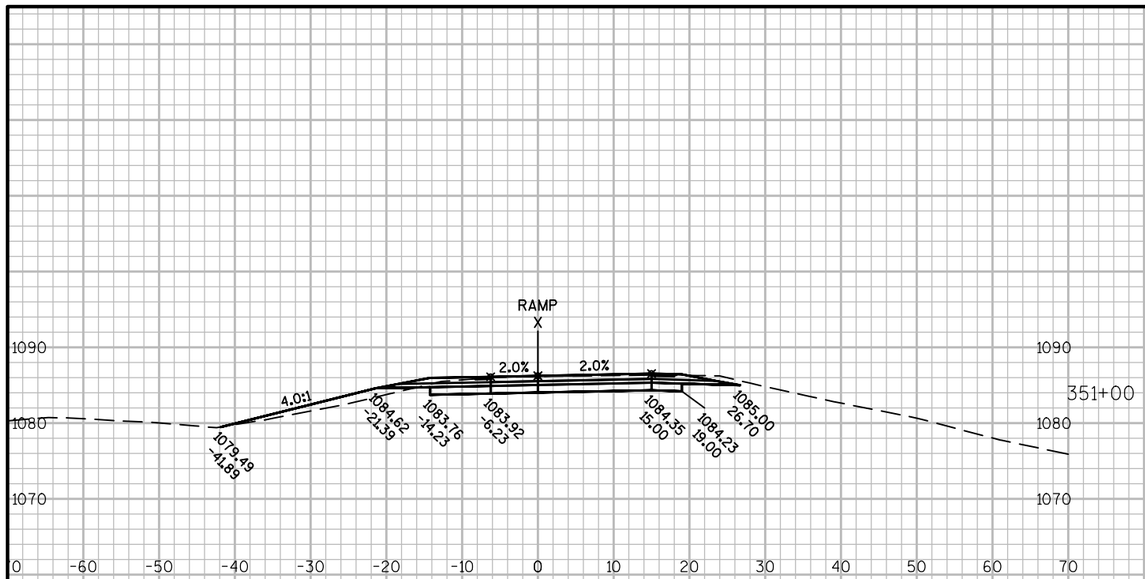
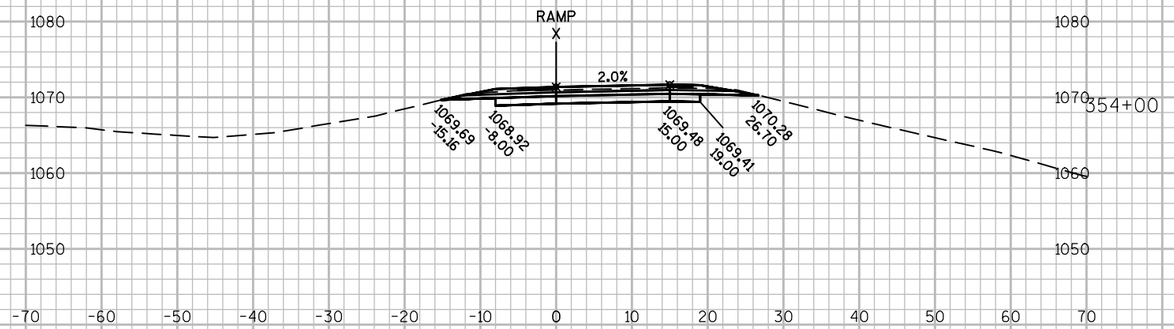
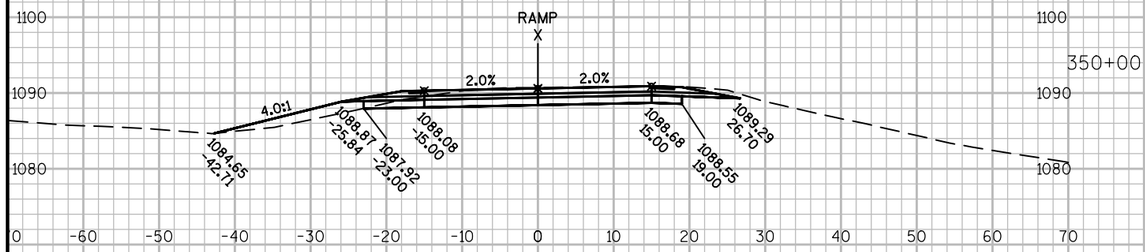
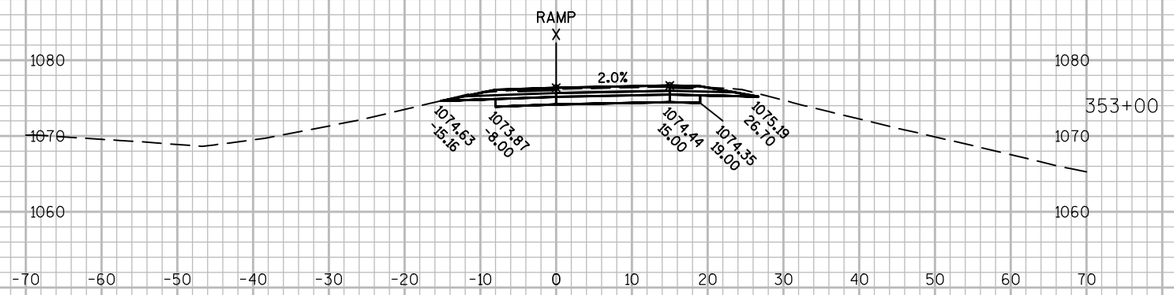
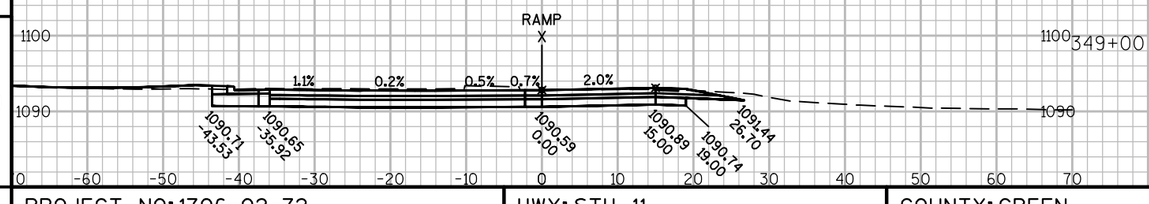
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP W	SHEET 652	E

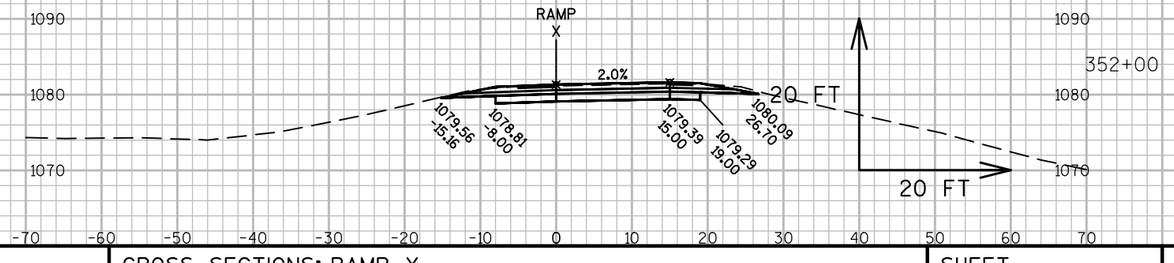












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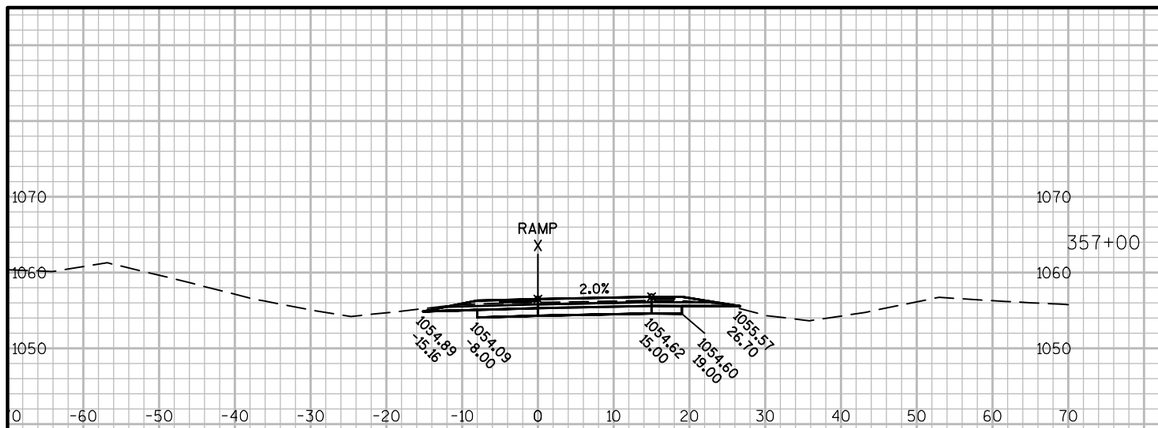
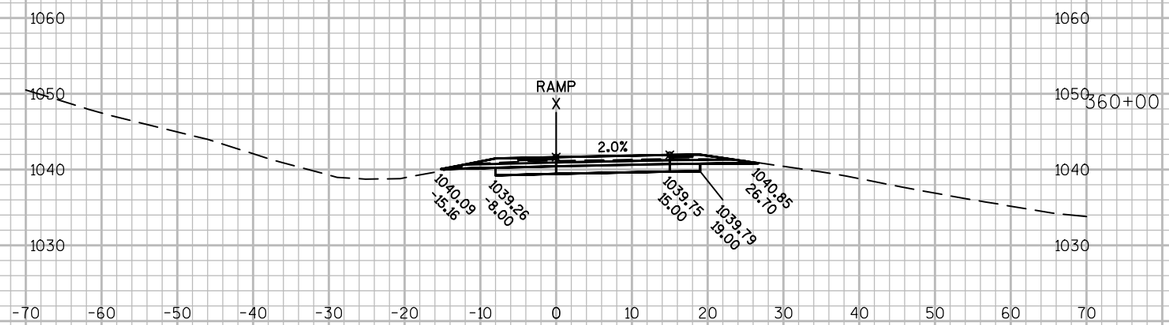
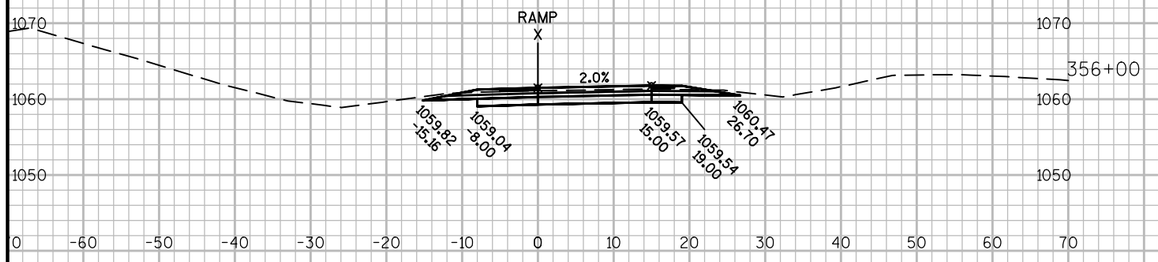
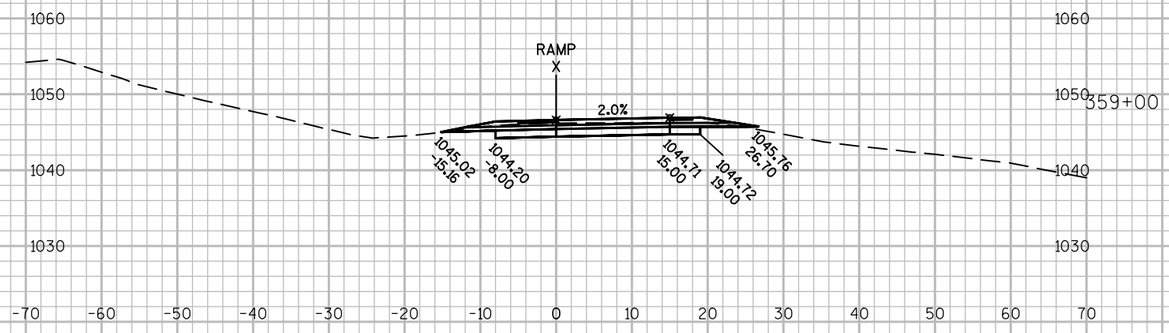
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP X	SHEET 653	E

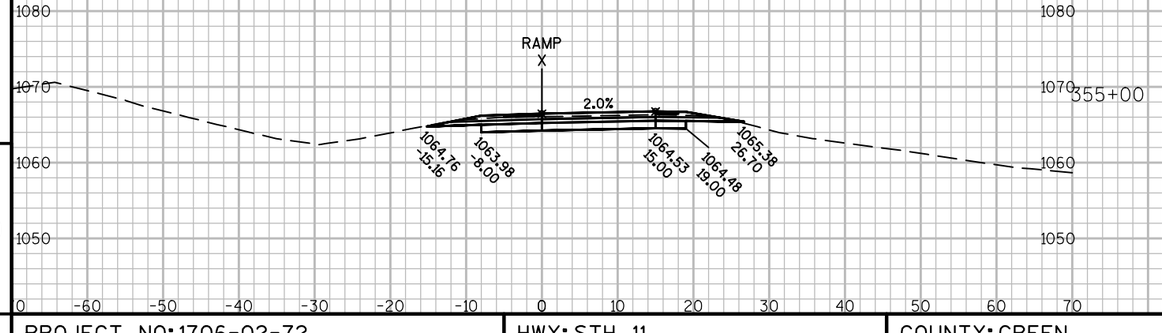
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP X-XS.DWG
LAYOUT NAME - RAMP X - (1)
PLOT DATE : 1/27/2018 9:36 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

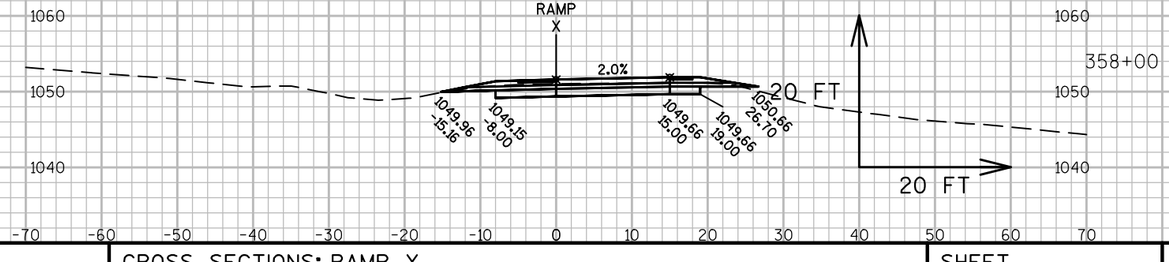












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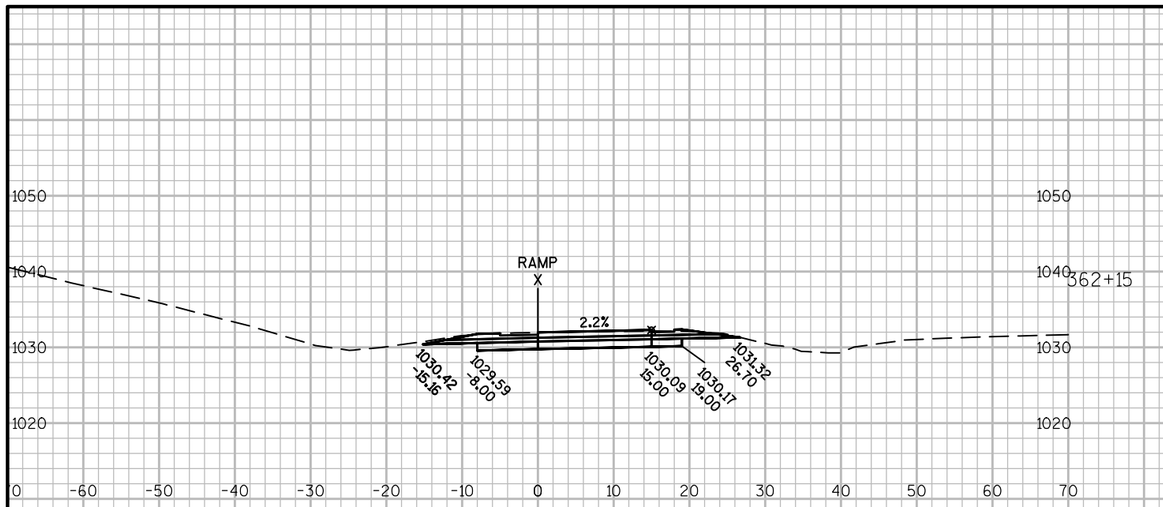
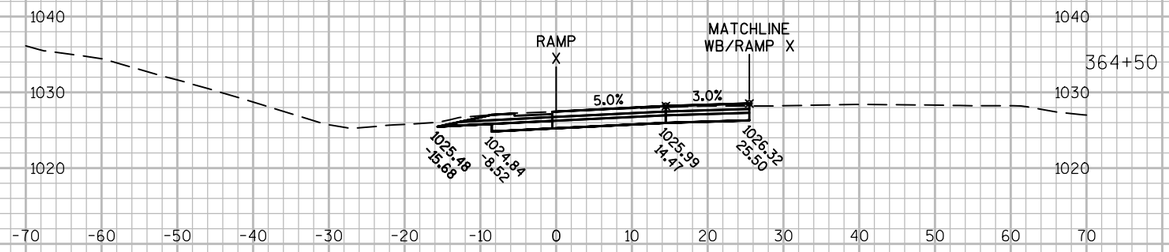
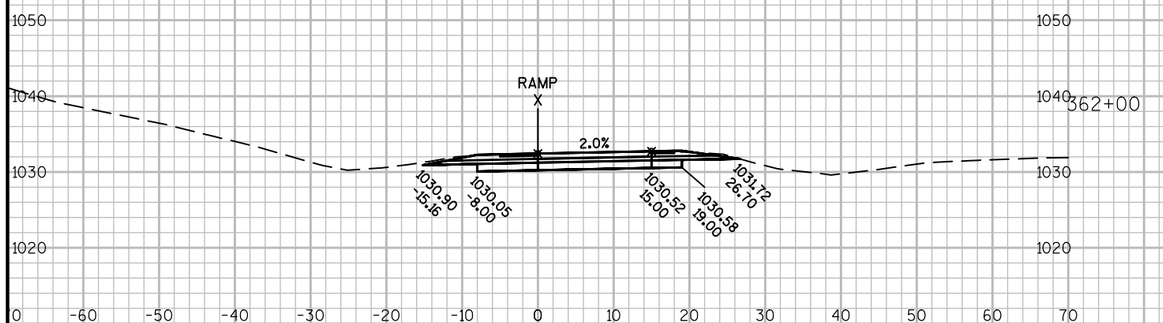
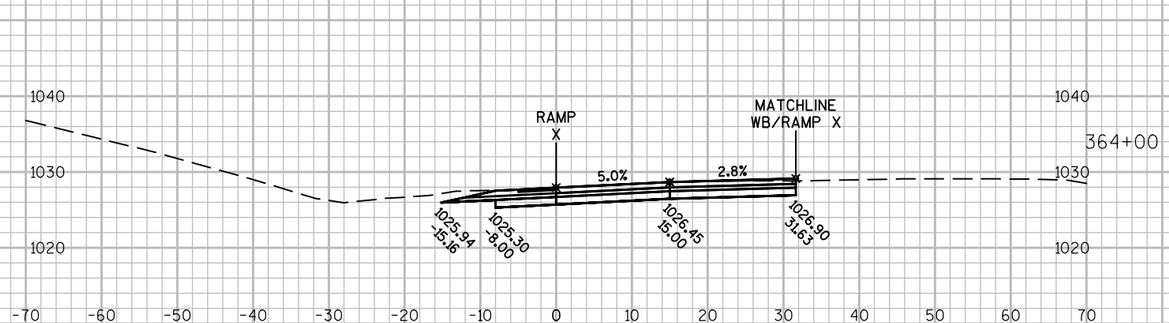
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP X	SHEET 654	E

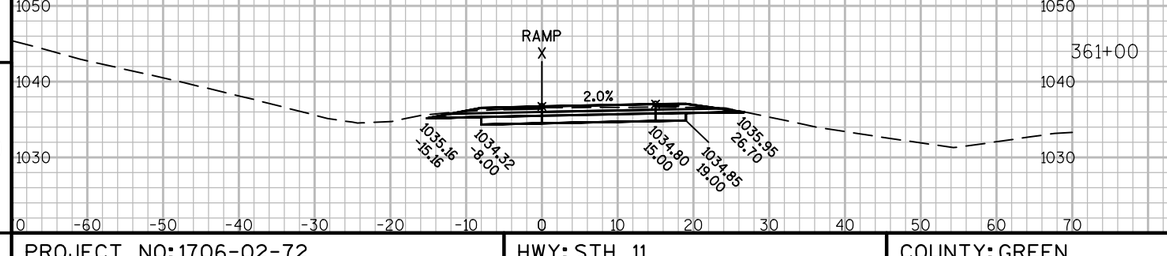
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP X-XS.DWG
LAYOUT NAME - RAMP X - (2)
PLOT DATE : 1/27/2018 9:36 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

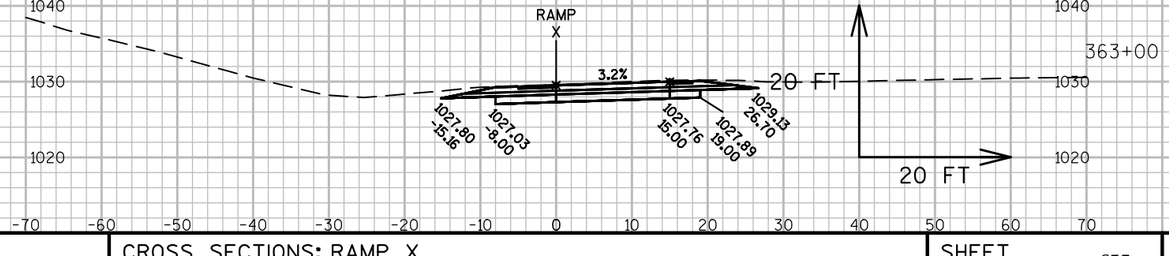










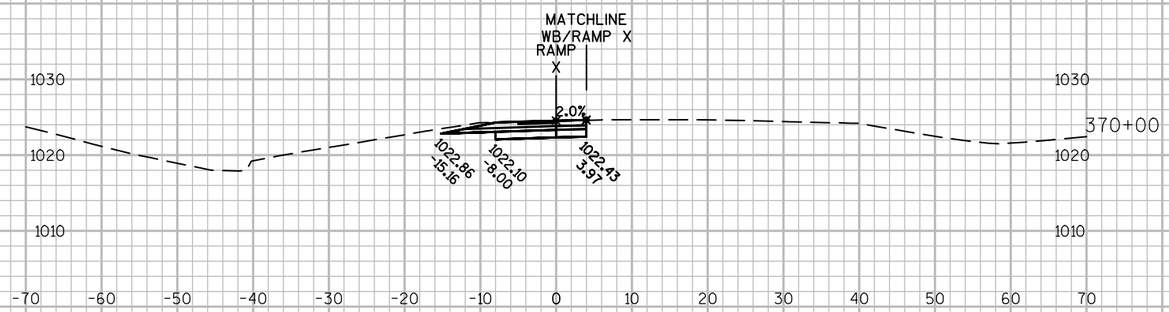


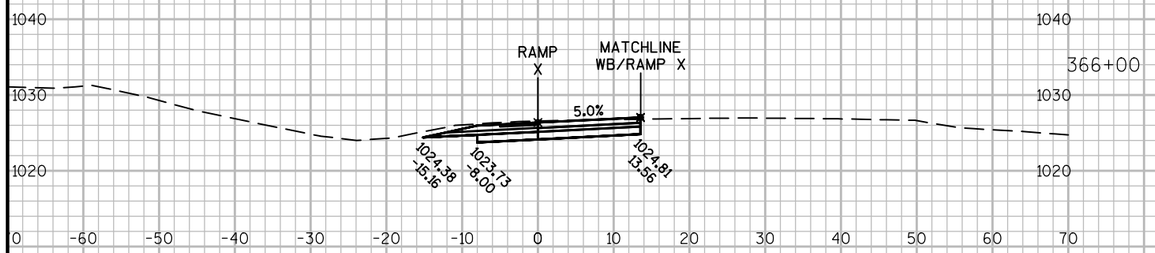
9

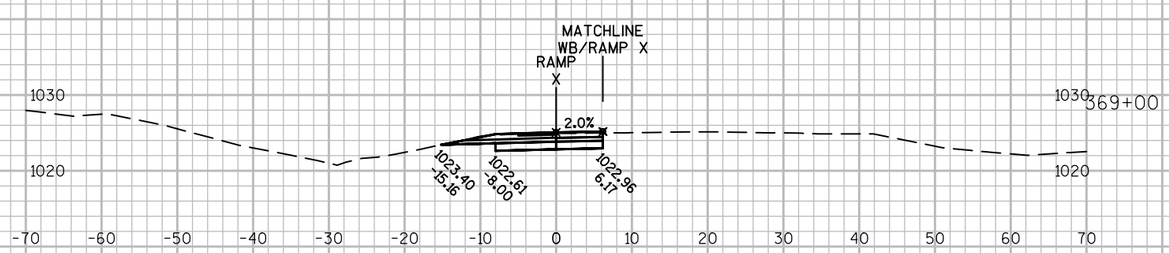
9

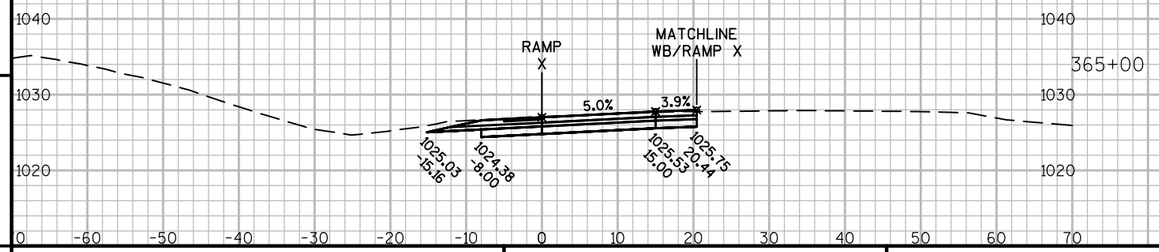
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP X	SHEET 655	E

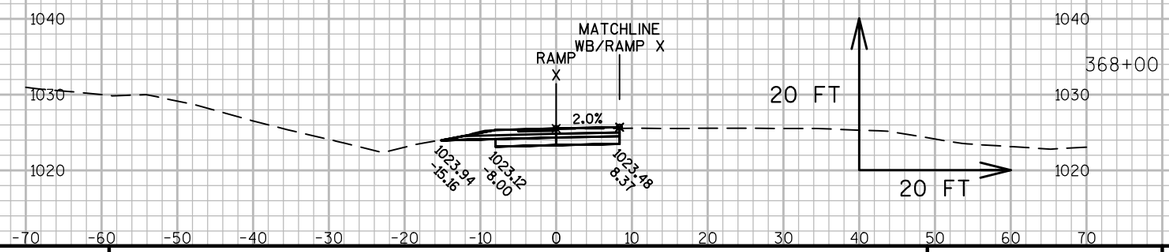
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP X-XS.DWG
LAYOUT NAME - RAMP X - (3)
PLOT DATE : 1/27/2018 9:36 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49











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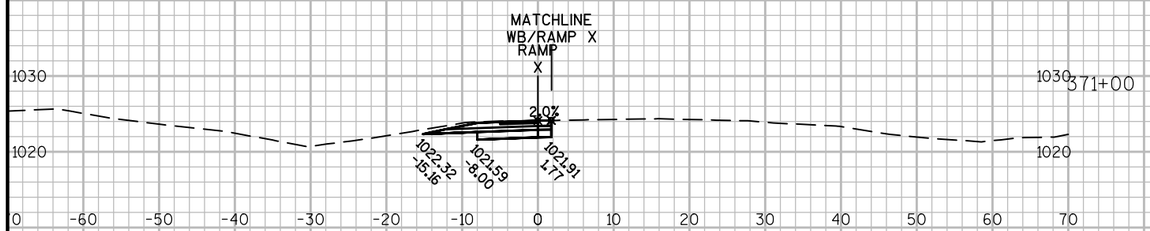
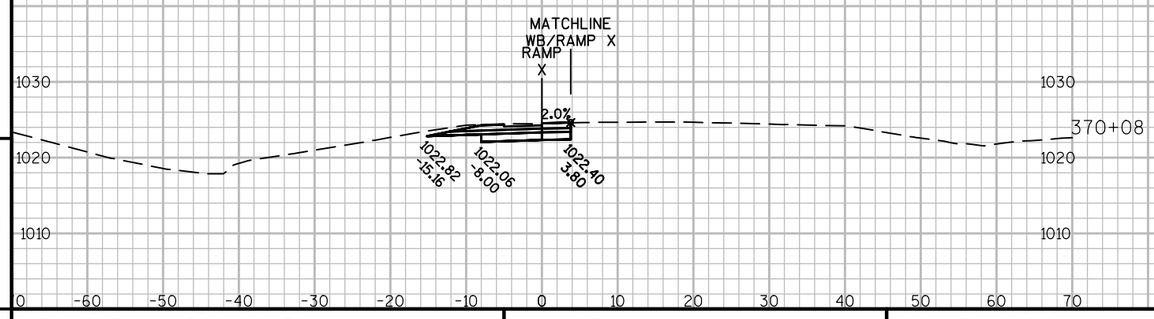
9

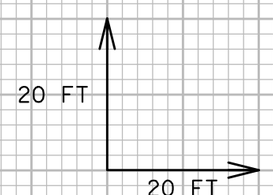
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP X	SHEET 656	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP X-XS.DWG
LAYOUT NAME - RAMP X - (4)

PLOT DATE : 1/27/2018 9:36 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT







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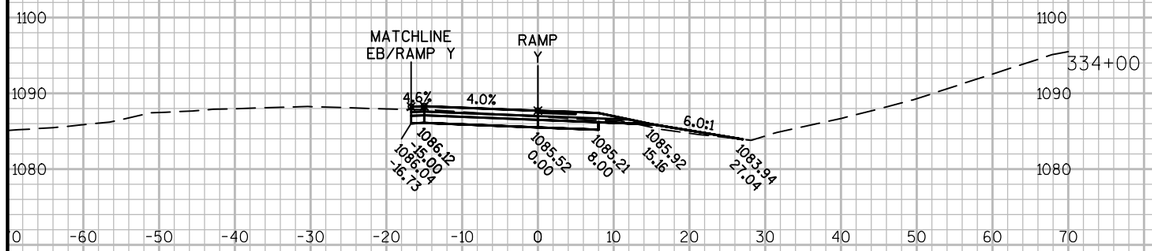
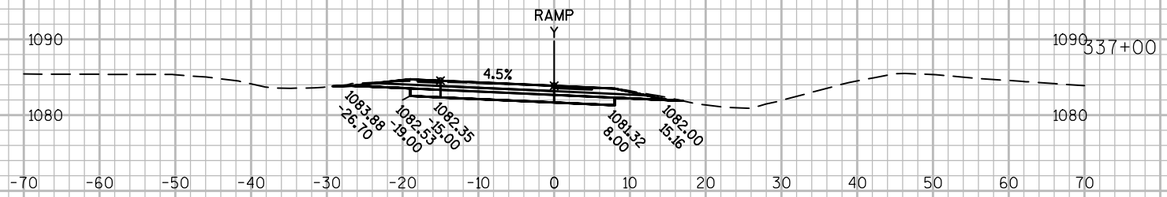
9

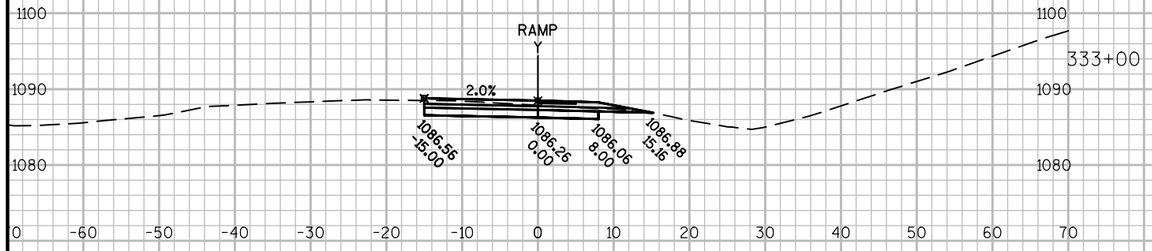
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP X	SHEET 657	E

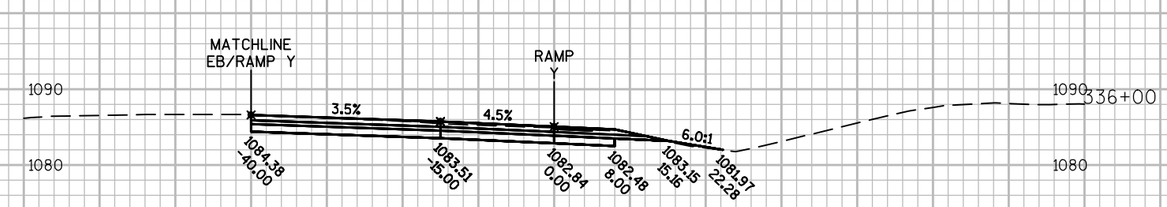
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP X-XS.DWG
LAYOUT NAME - RAMP X - (5)

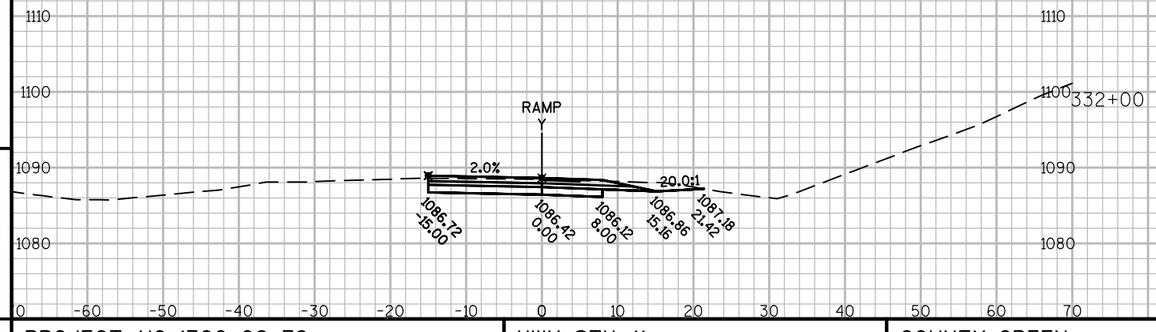
PLOT DATE : 1/27/2018 9:36 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

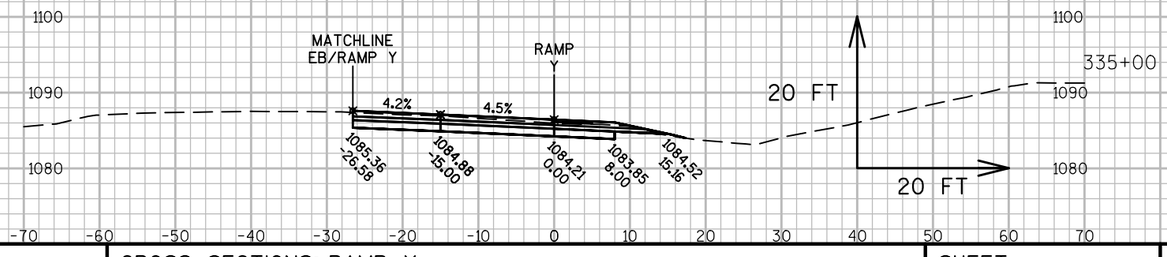










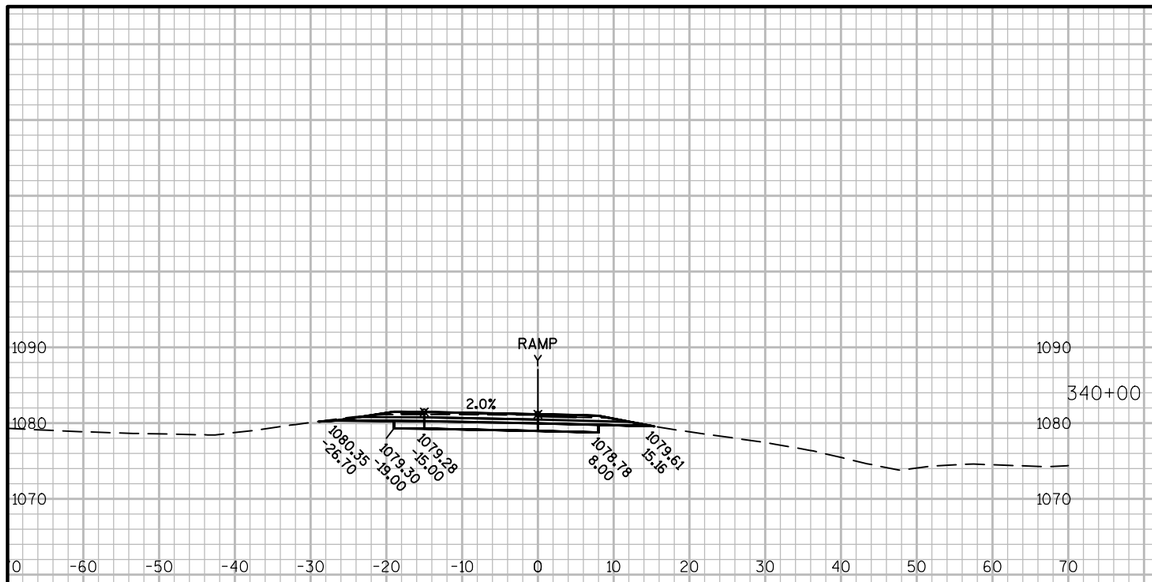


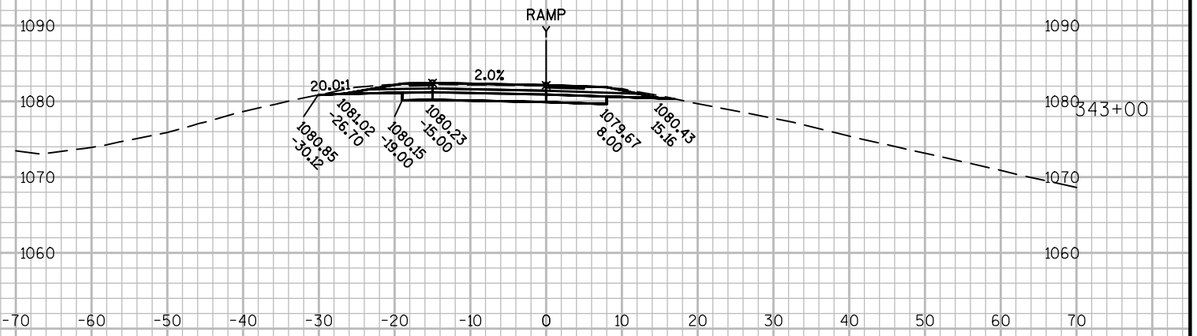
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Y	SHEET 658	E

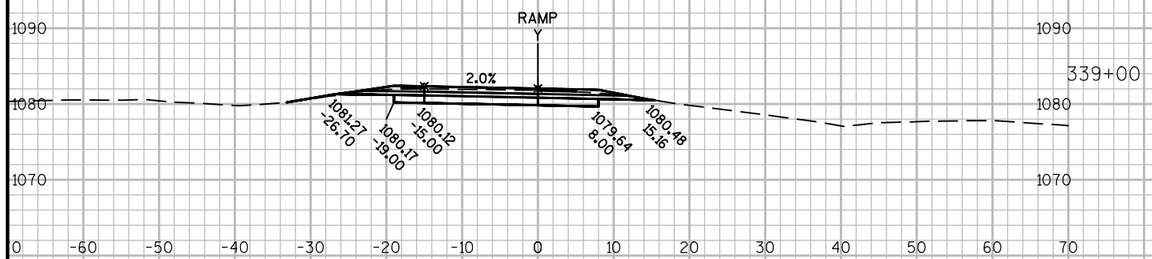
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Y-XS.DWG
LAYOUT NAME - RAMP Y - (1)

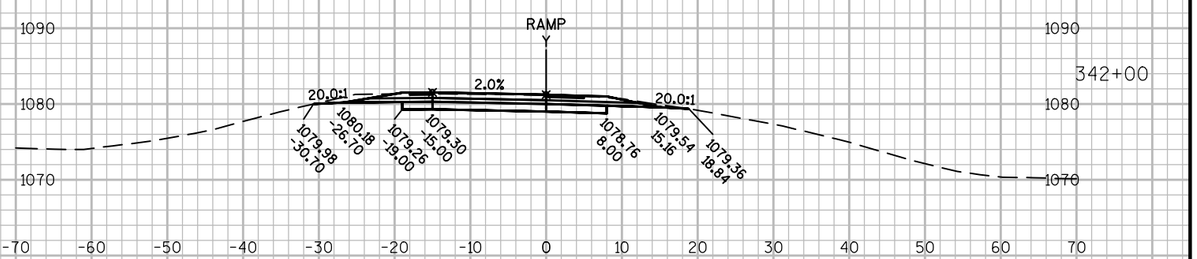
PLOT DATE : 1/27/2018 11:19 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

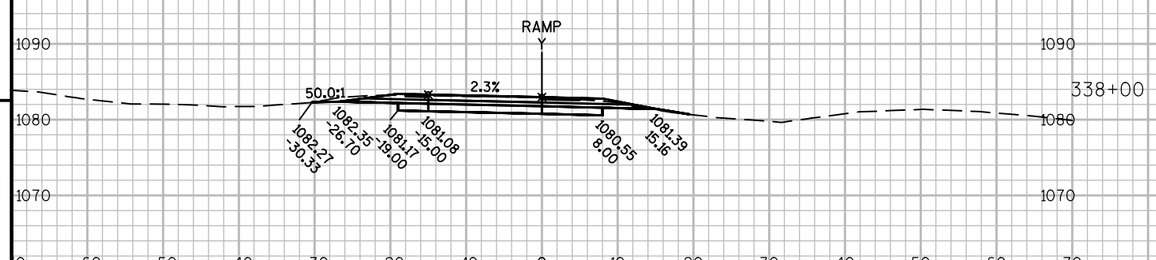
WISDOT/CADDS SHEET 49

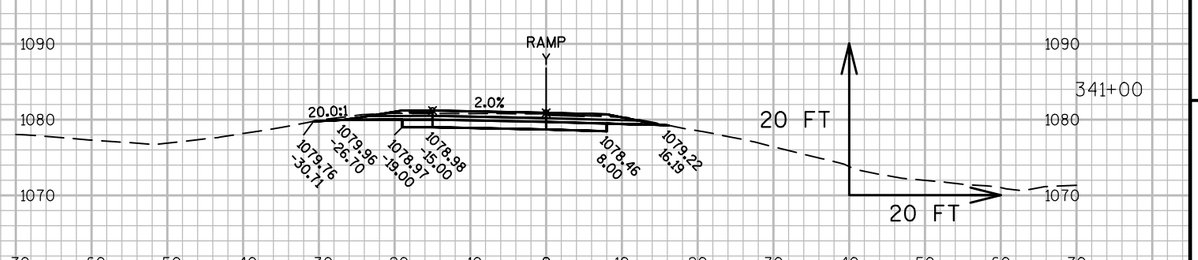












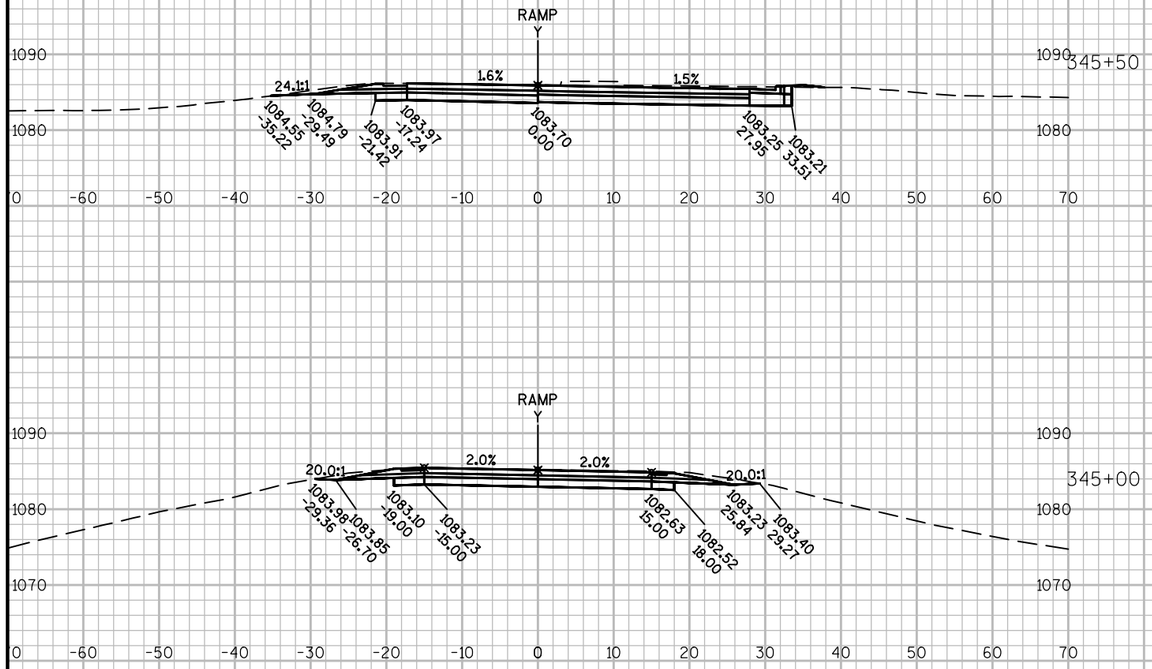
9

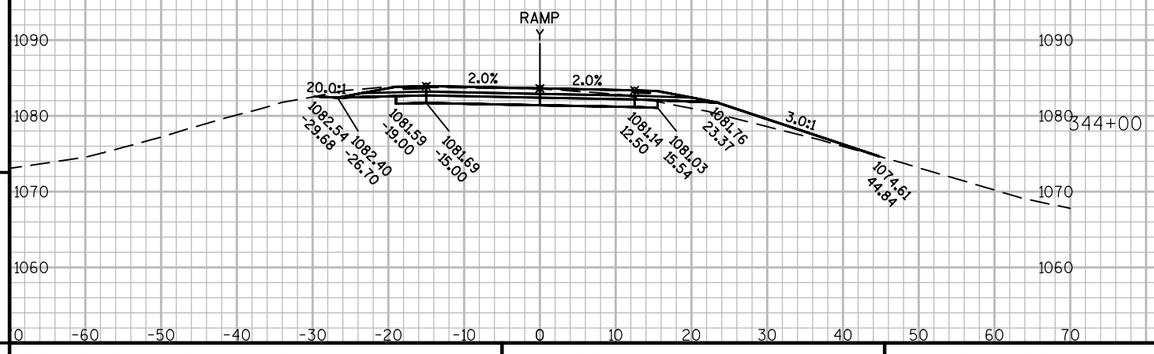
9

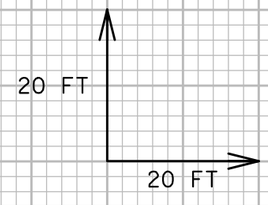
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Y	SHEET 659	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Y-XS.DWG
LAYOUT NAME - RAMP Y - (2)

PLOT DATE : 1/27/2018 11:19 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT







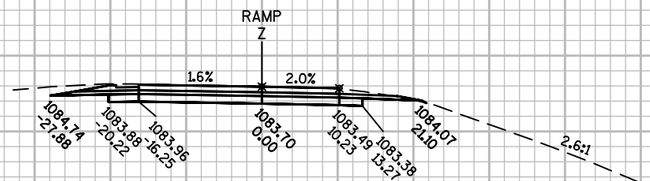
9

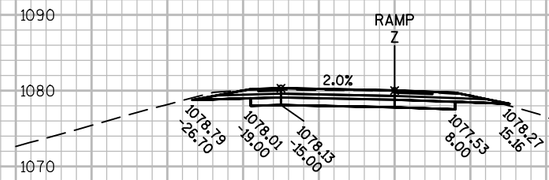
9

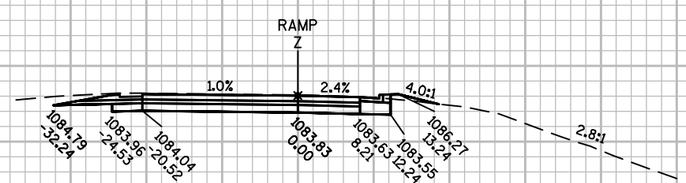
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Y	SHEET 660	E

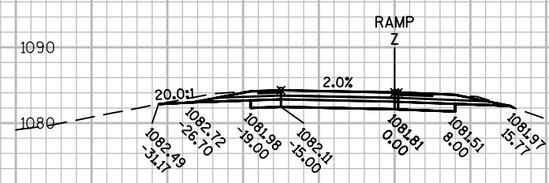
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Y-XS.DWG
LAYOUT NAME - RAMP Y - (3)

PLOT DATE : 1/27/2018 11:19 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT









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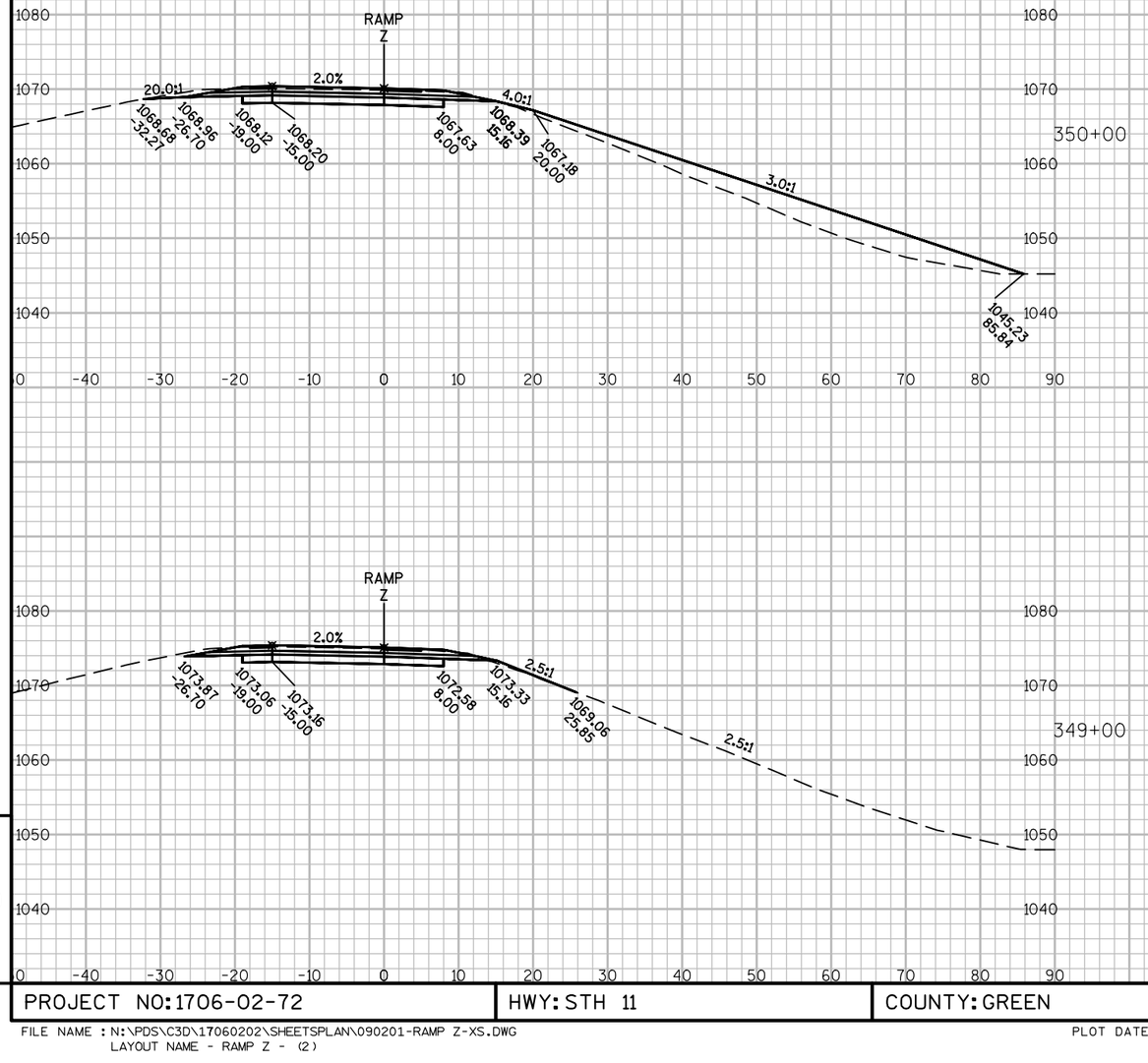
9

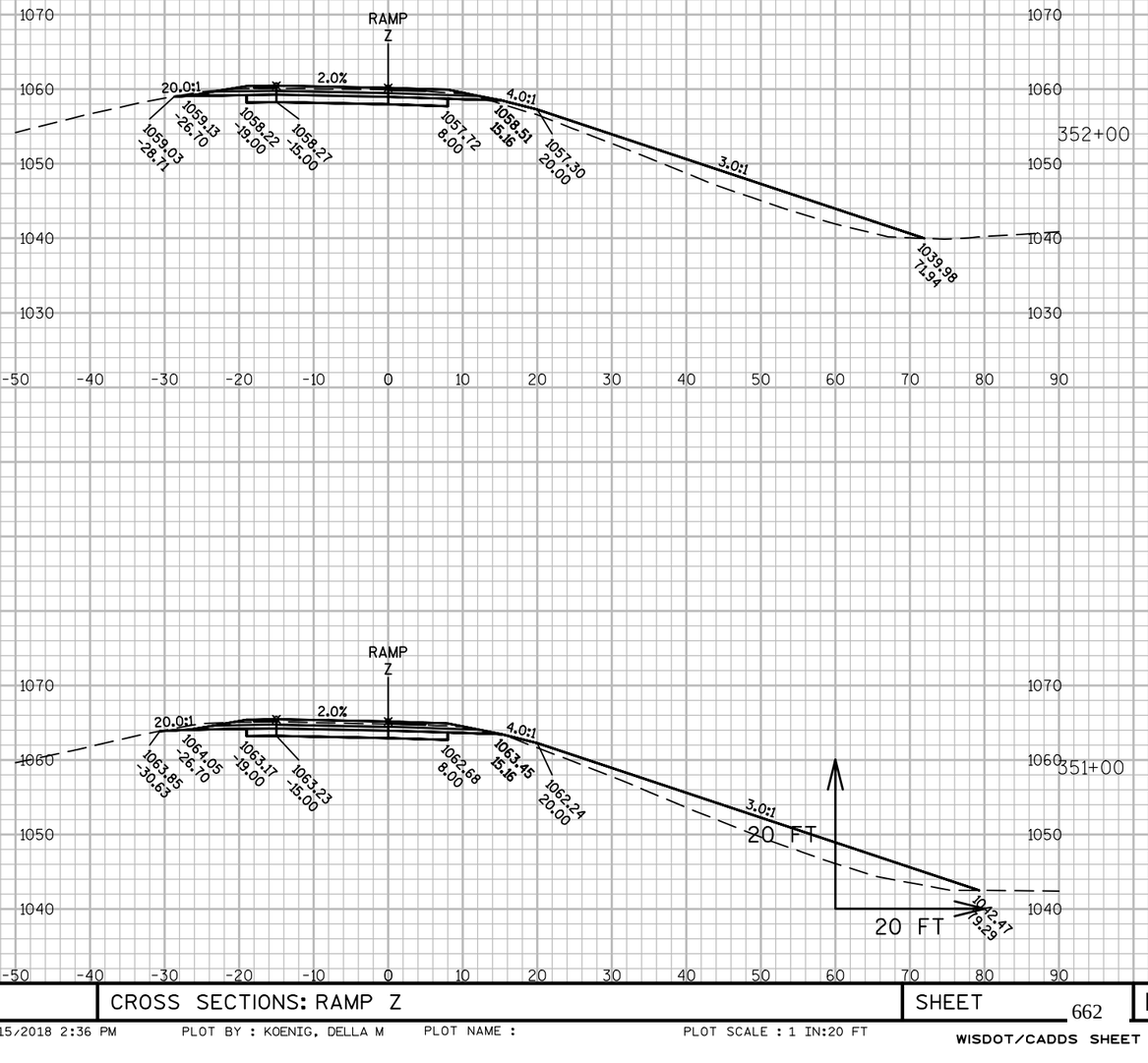
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Z	SHEET 661	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Z-XS.DWG
LAYOUT NAME - RAMP Z - (1)

PLOT DATE : 5/15/2018 2:36 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





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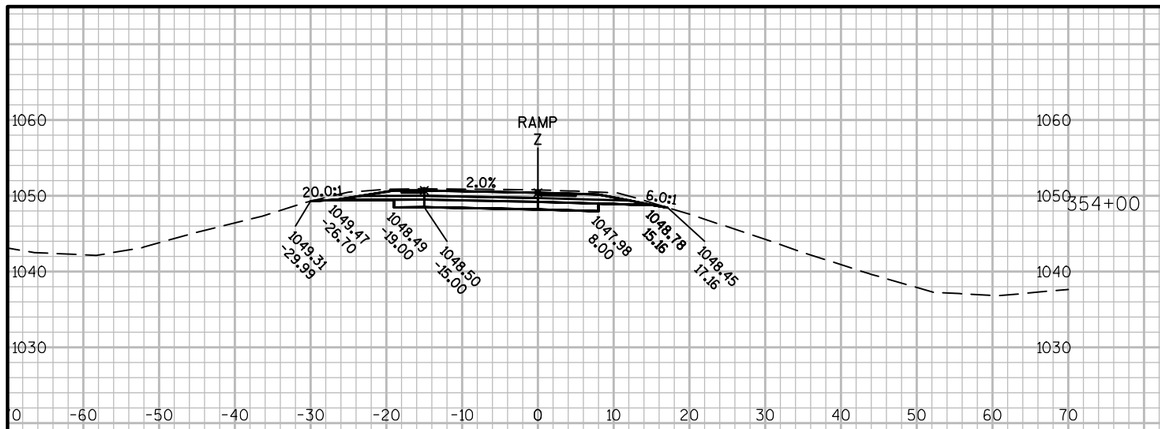
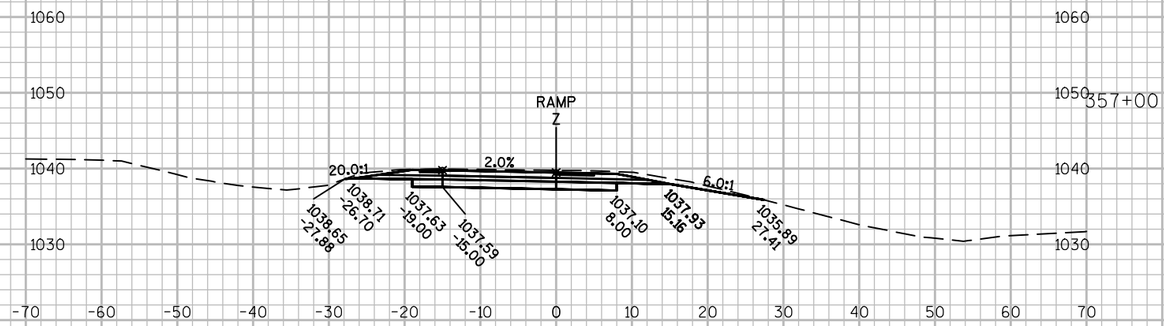
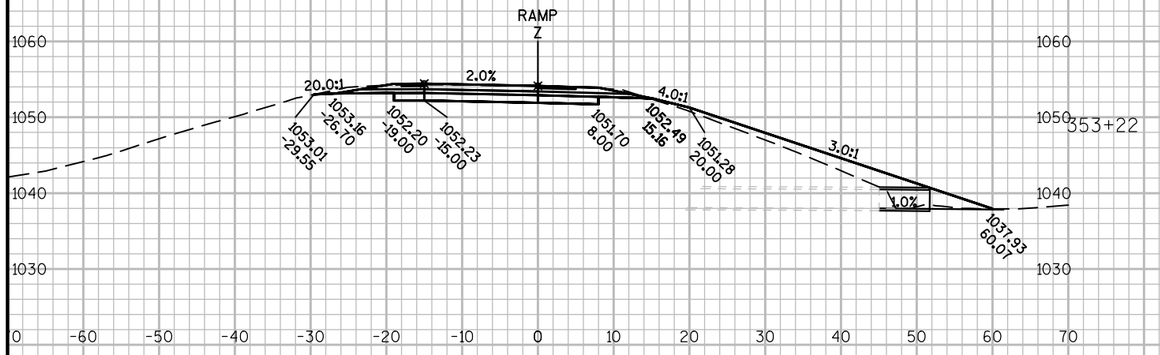
9

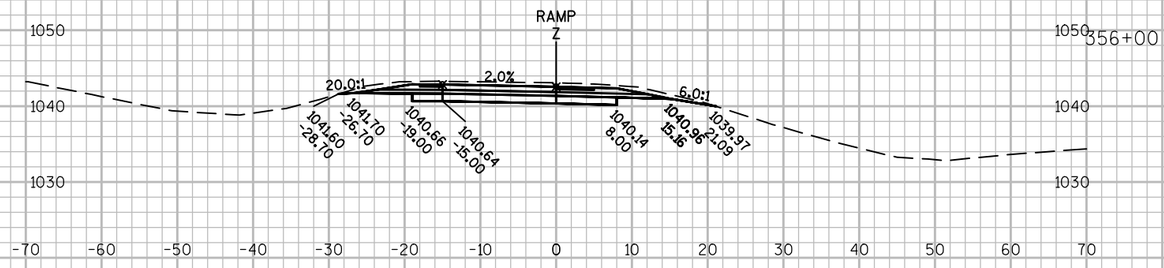
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Z	SHEET 662	E

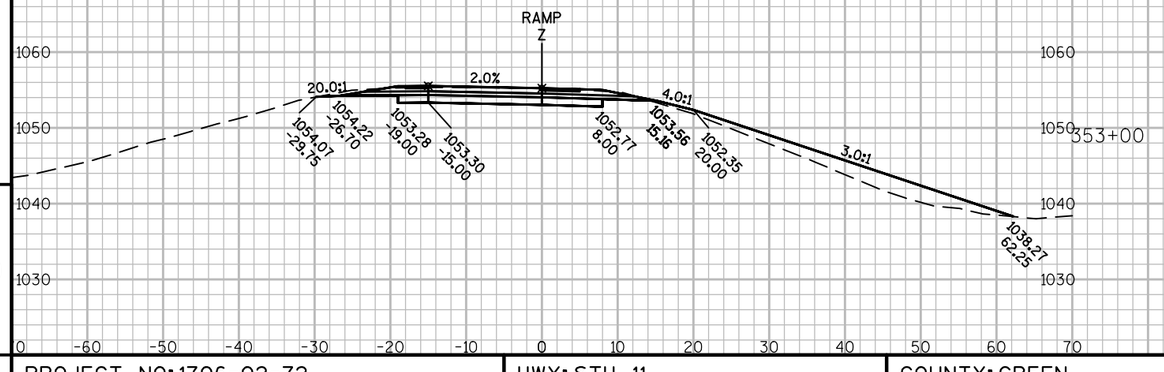


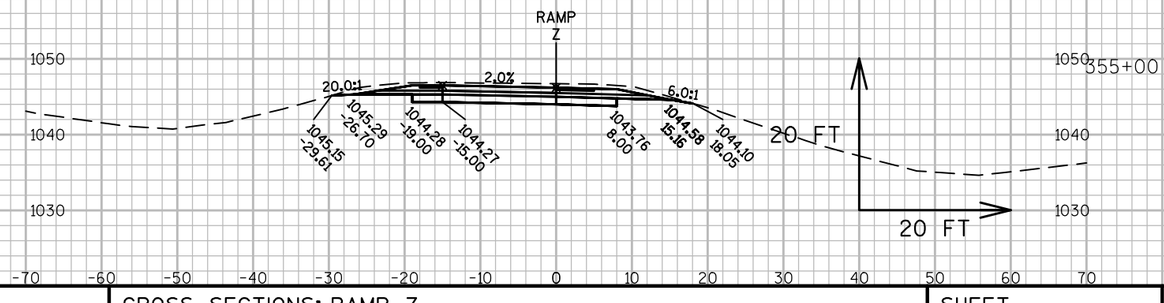


EXTEND 30-INCH
R.C.C.P. 8 FEET.









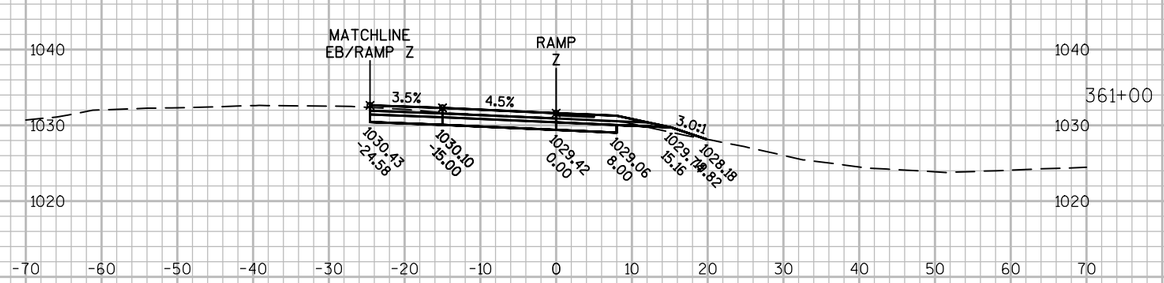
9

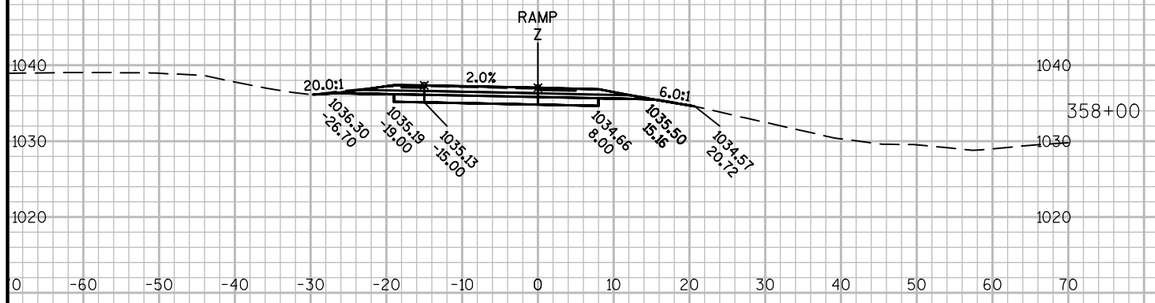
9

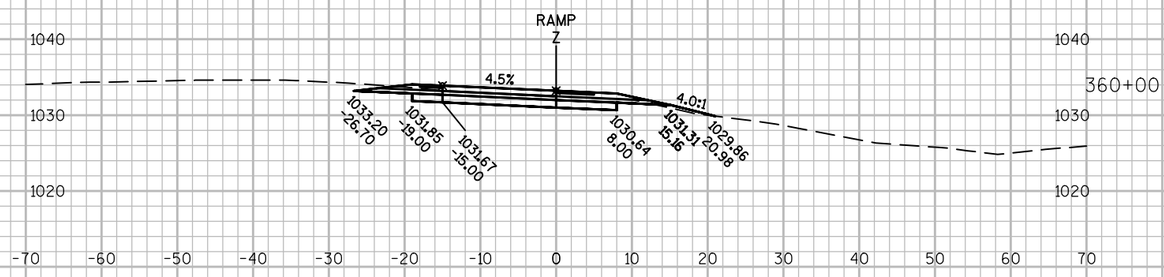
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Z	SHEET 663	E

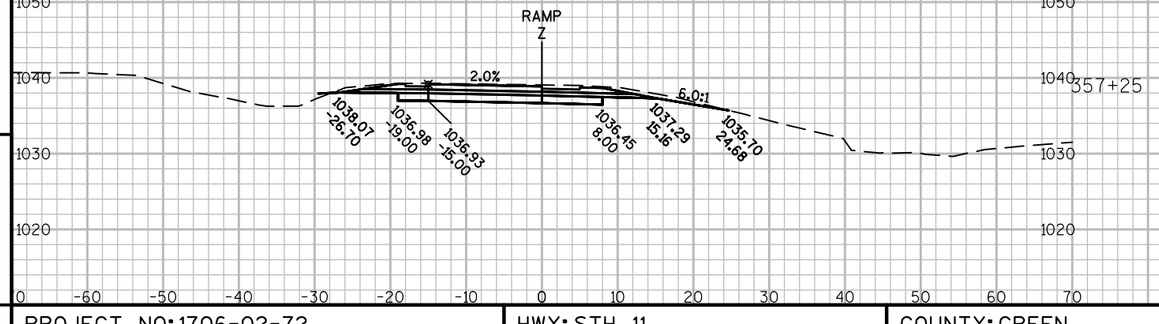
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Z-XS.DWG
LAYOUT NAME - RAMP Z - (3)

PLOT DATE : 5/15/2018 2:37 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

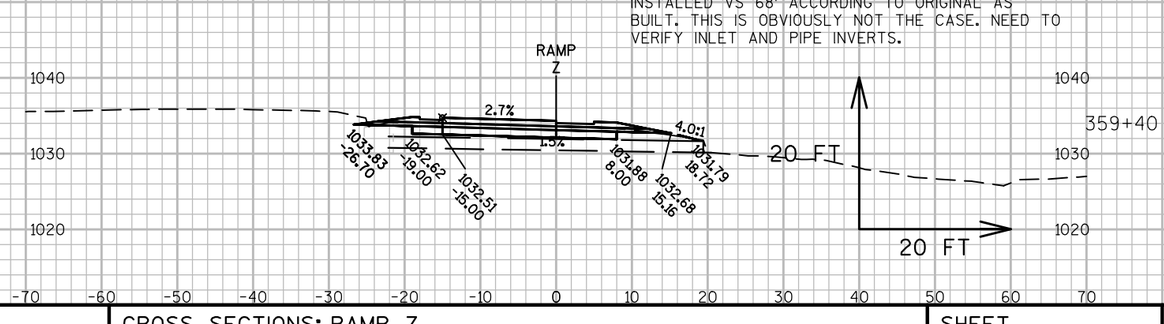








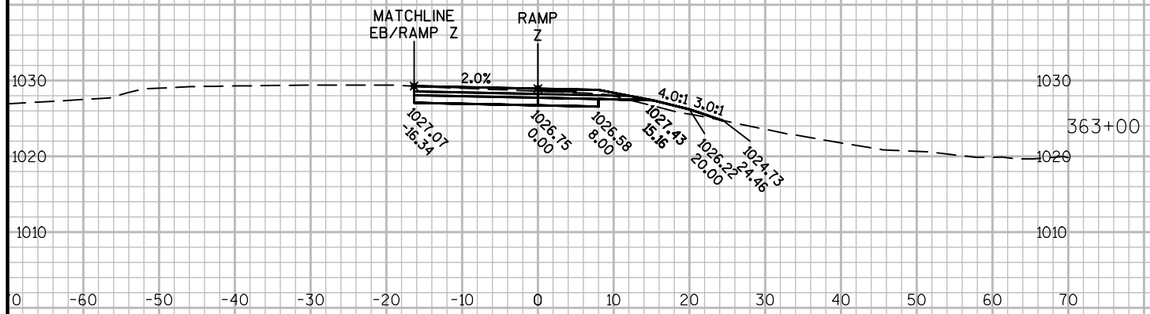
CHECK COVER OVER PIPE. NO SURVEY DONE AT THIS LOCATION. INLET HAS A SMALL RETAINING WALL CREATED OUT OF 4X4 POSTS. ORIGINAL AS BUILT SHOWS TOP ELEVATION 1038.13'. ONLY 42' INSTALLED VS 68' ACCORDING TO ORIGINAL AS BUILT. THIS IS OBVIOUSLY NOT THE CASE. NEED TO VERIFY INLET AND PIPE INVERTS.

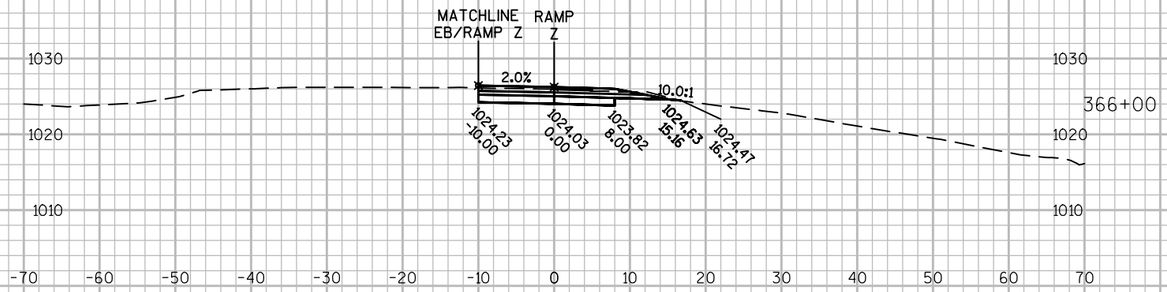


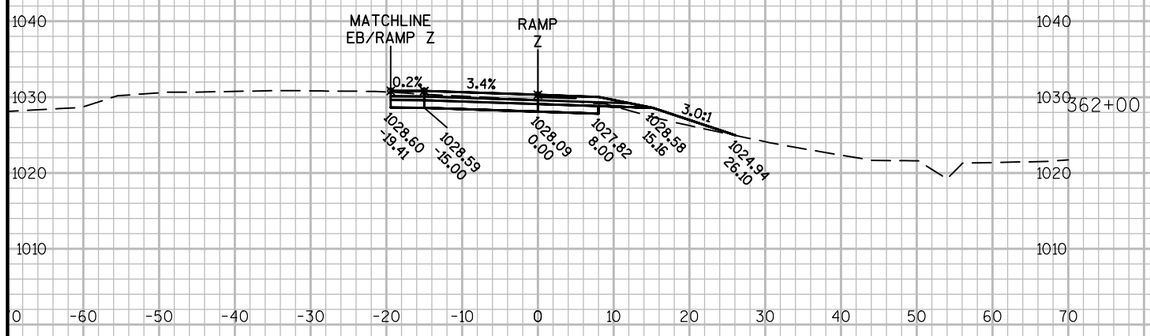
9

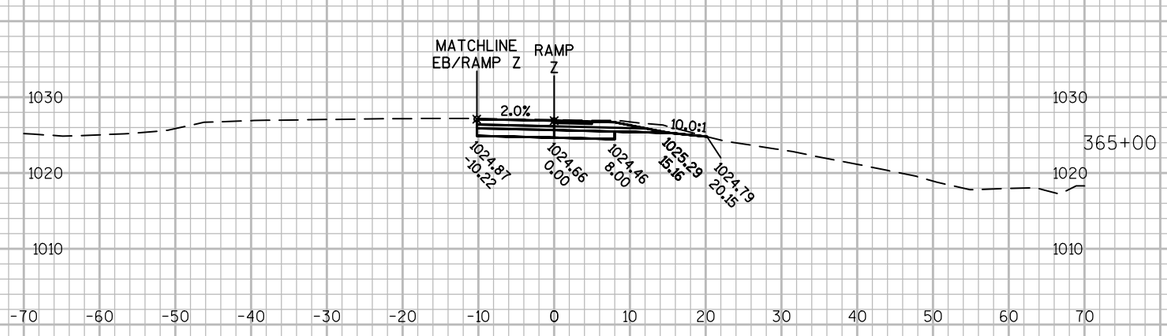
9

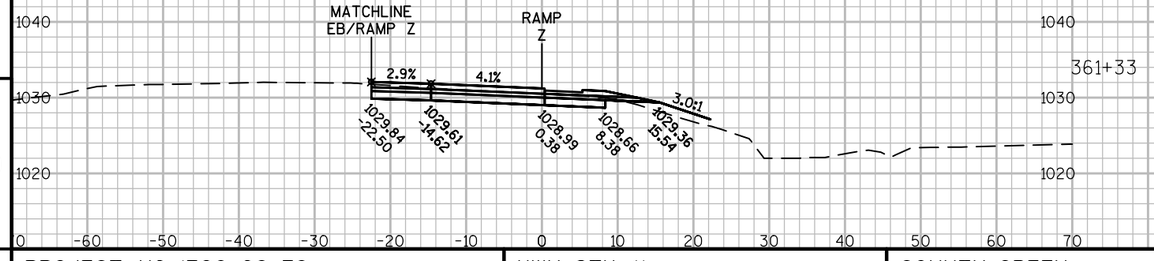
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Z	SHEET 664	E

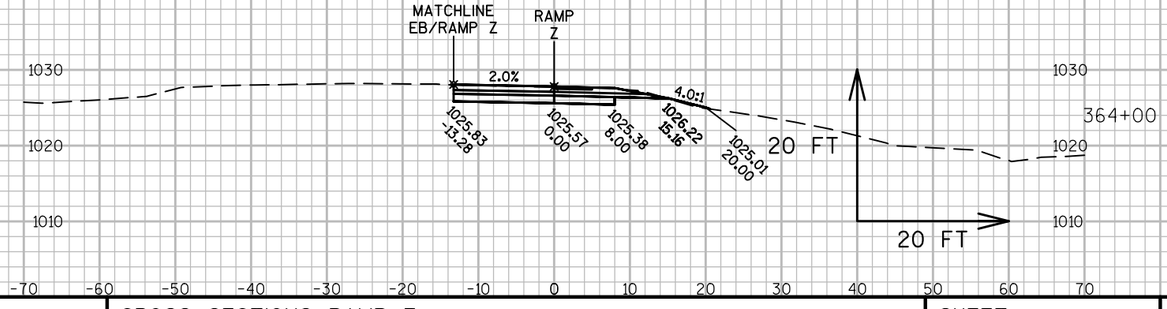










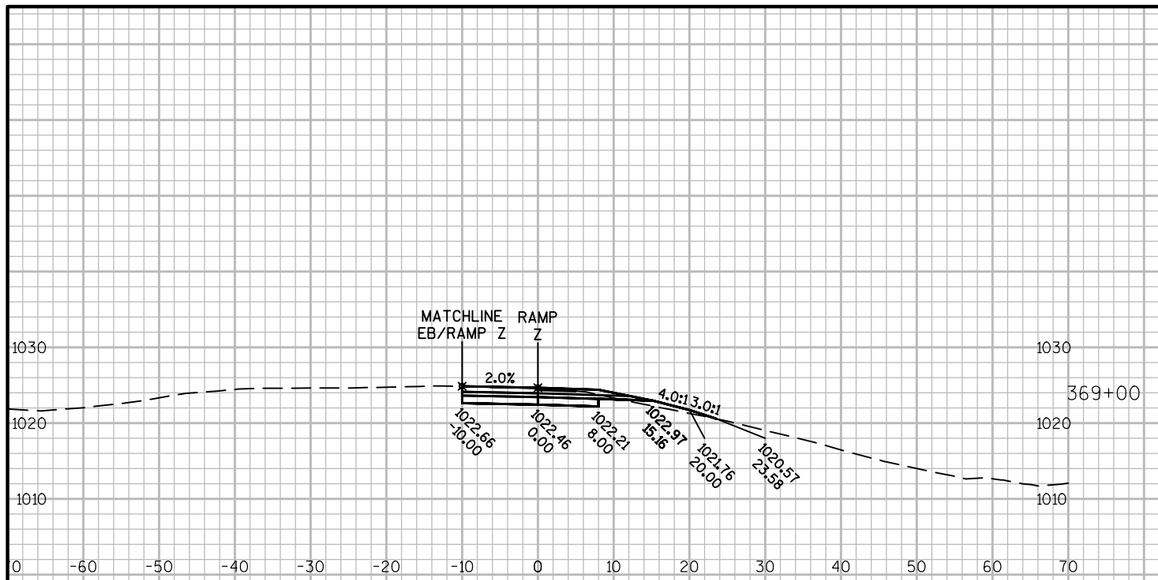


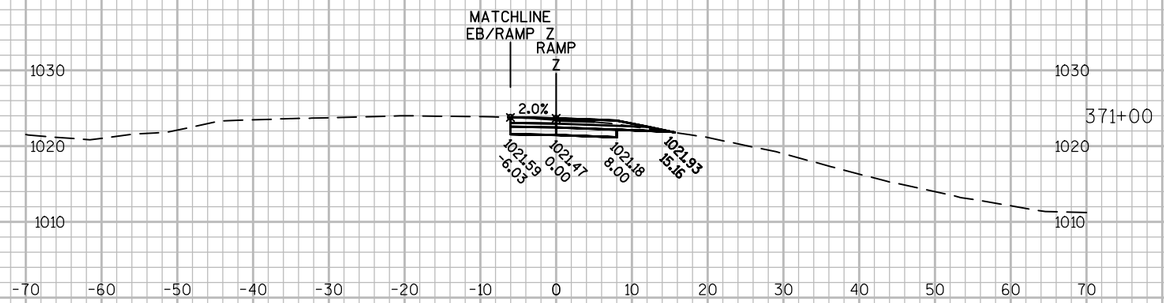
9

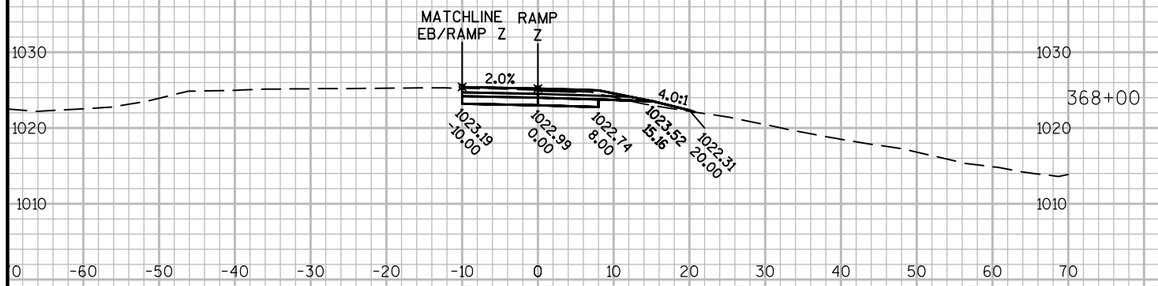
9

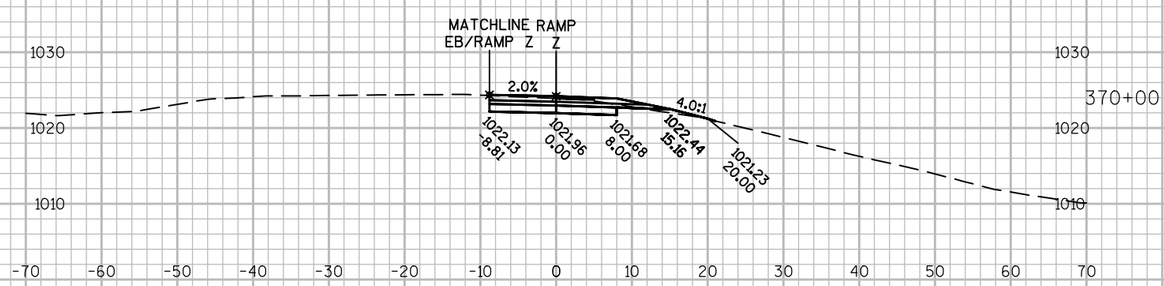
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Z	SHEET 665	E

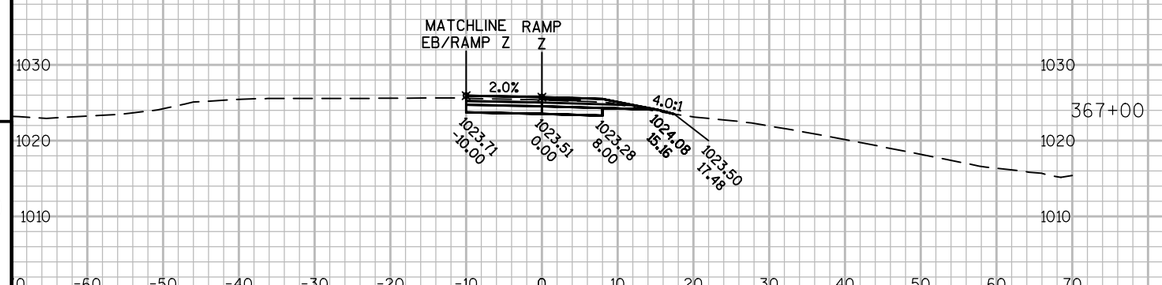
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Z-XS.DWG
LAYOUT NAME - RAMP Z - (5)
PLOT DATE : 5/15/2018 2:38 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

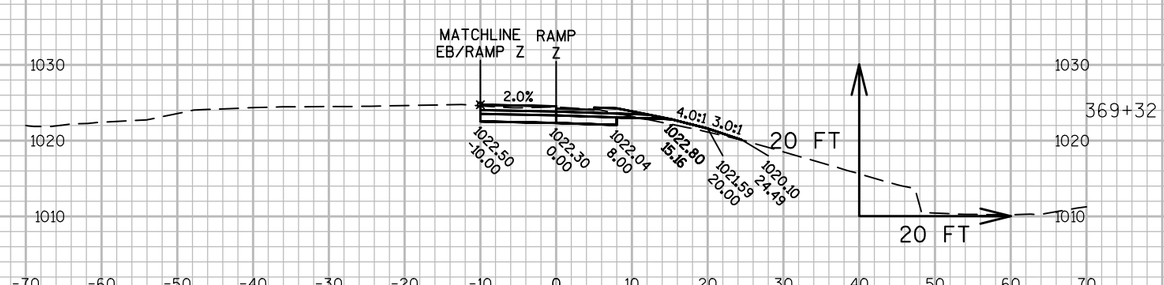












9

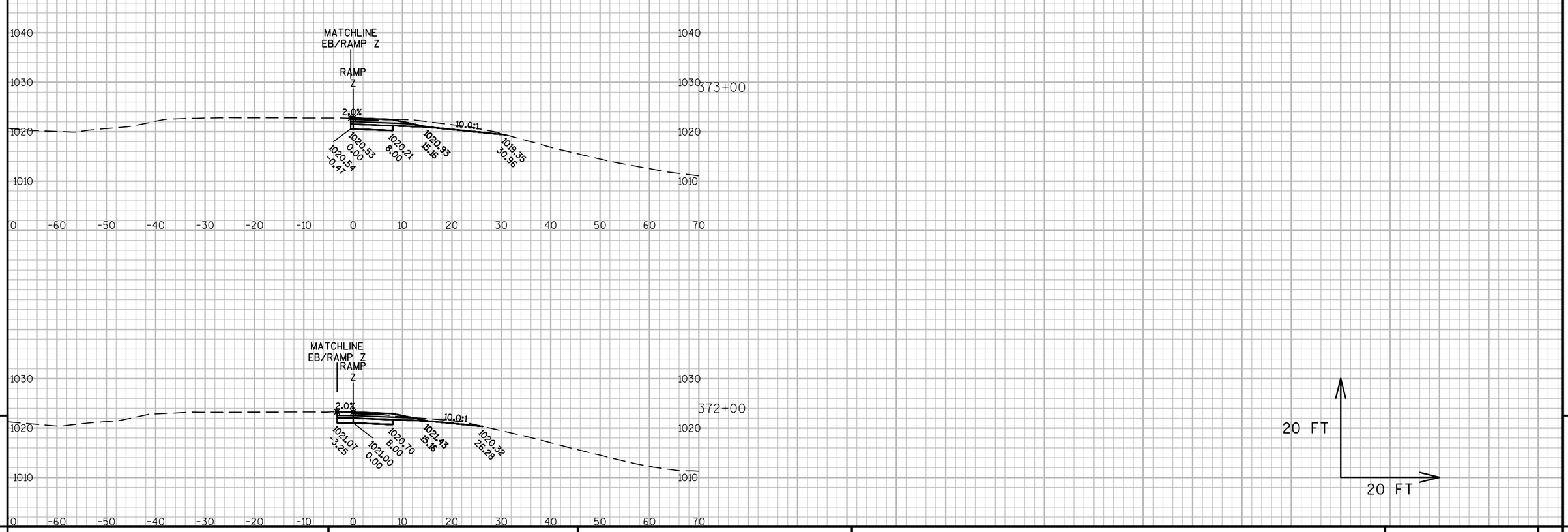
9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Z	SHEET 666	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Z-XS.DWG
LAYOUT NAME - RAMP Z - (6)

PLOT DATE : 5/15/2018 2:38 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

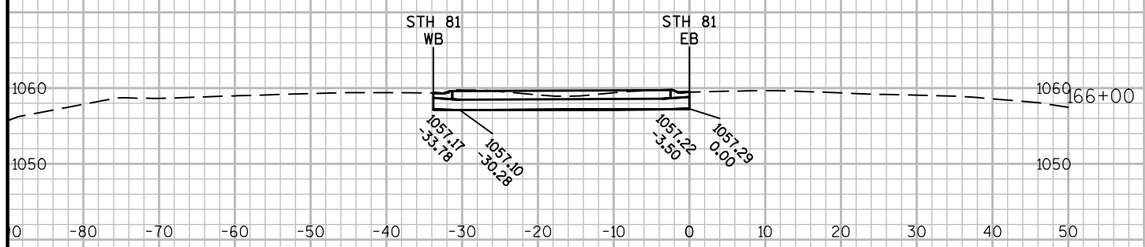
9

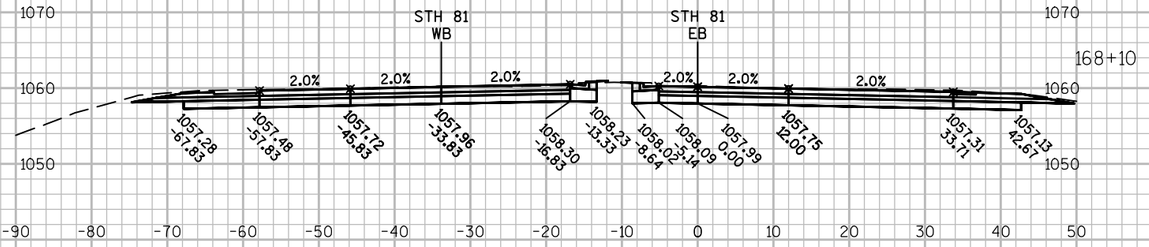
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RAMP Z	SHEET 667	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RAMP Z-XS.DWG
LAYOUT NAME - RAMP Z - (7)

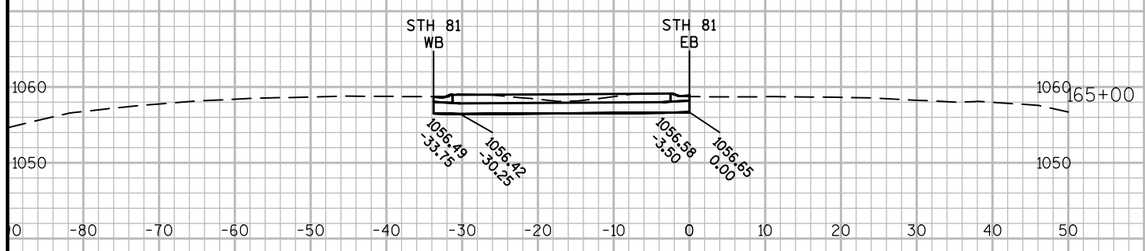
PLOT DATE : 5/15/2018 2:39 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

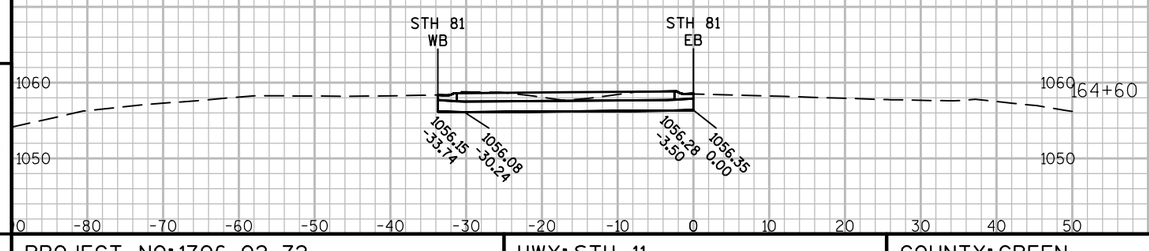
WISDOT/CADDS SHEET 49

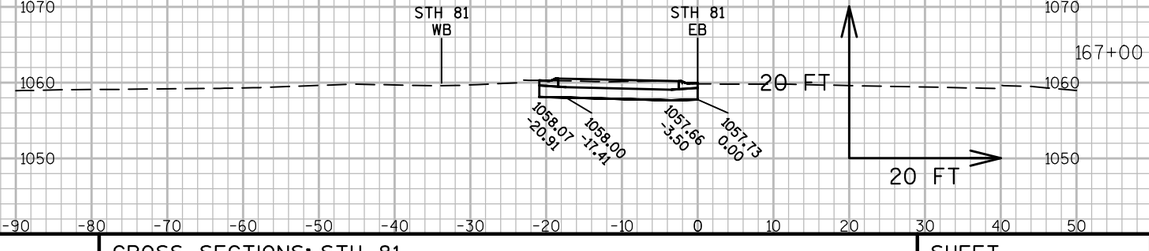




MEDIAN ONLY TO STA. 167+28.03
NO WORK BETWEEN STA. 167+28.03 TO STA. 168+01.60







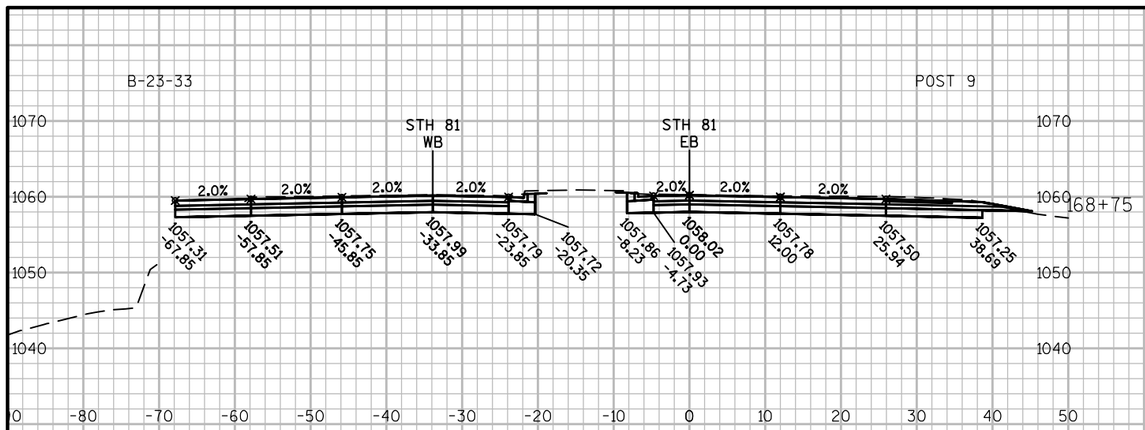
9

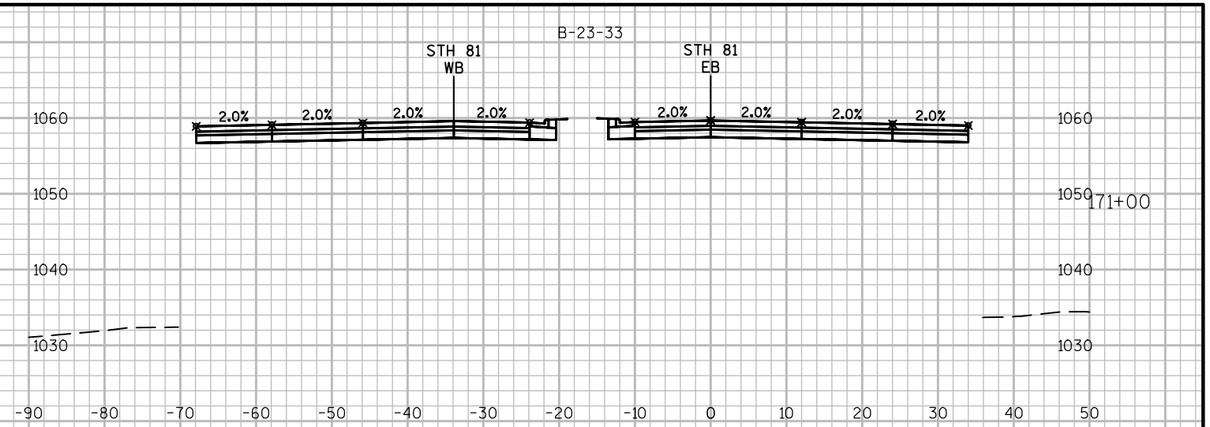
9

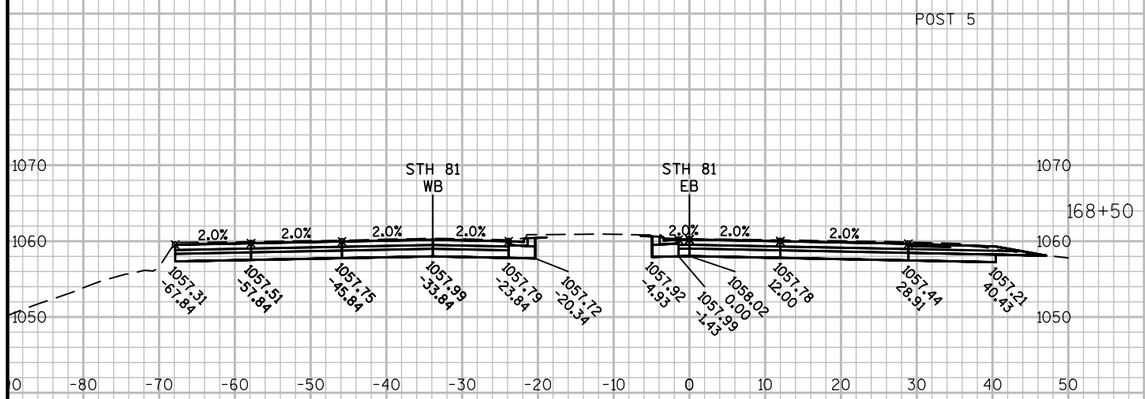
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 81	SHEET 668	E

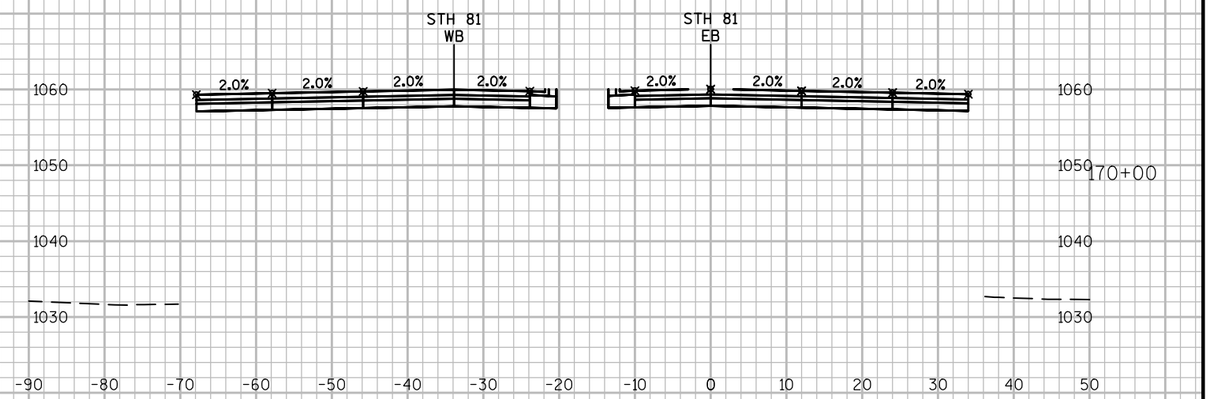
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH81-XS.DWG
LAYOUT NAME - STH 81 - (1)

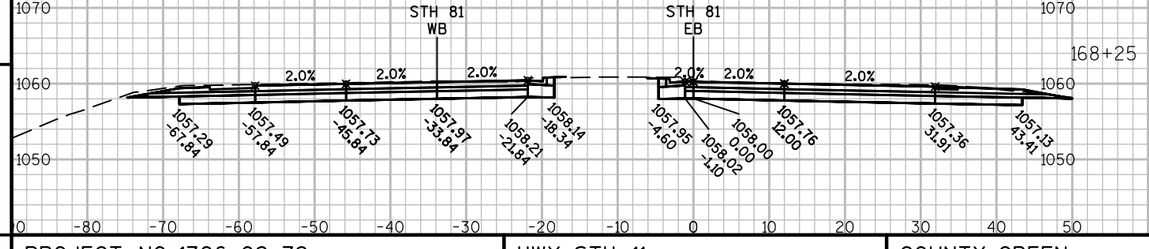
PLOT DATE : 1/29/2018 4:30 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

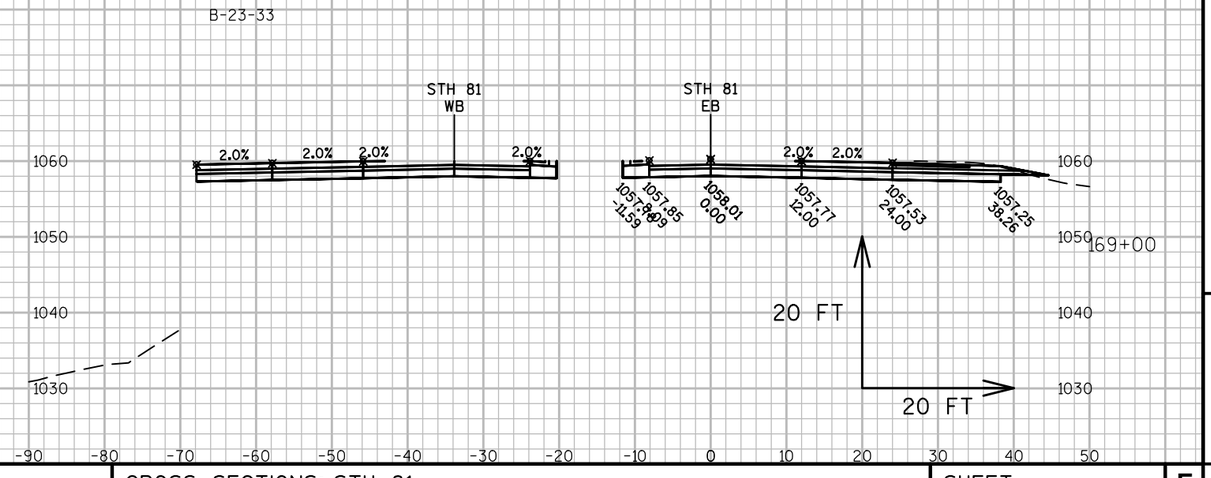












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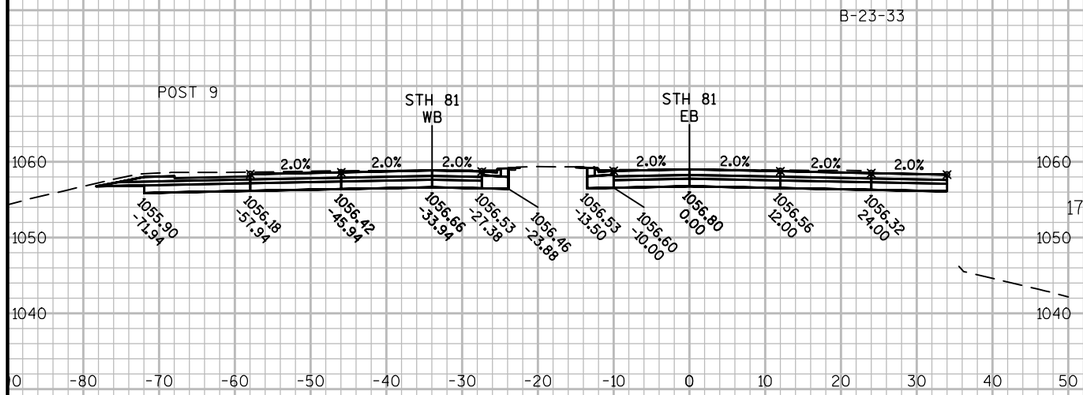
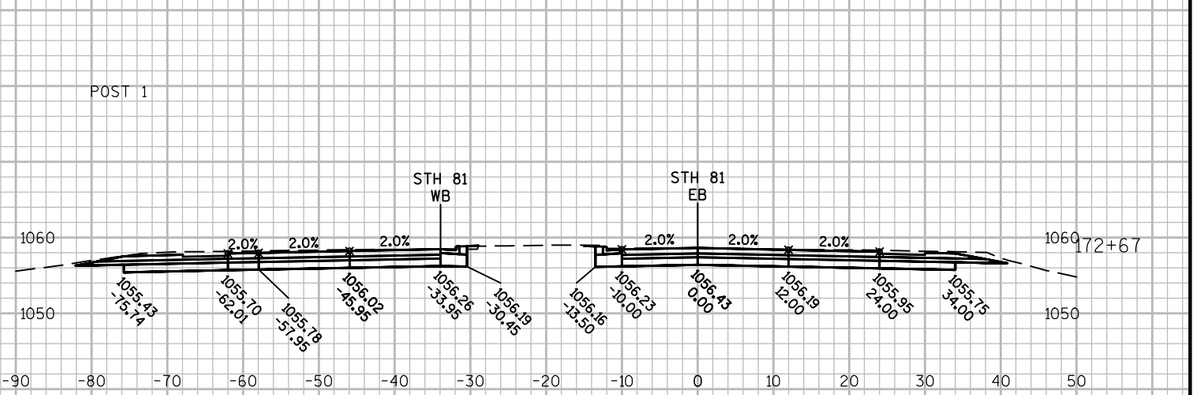
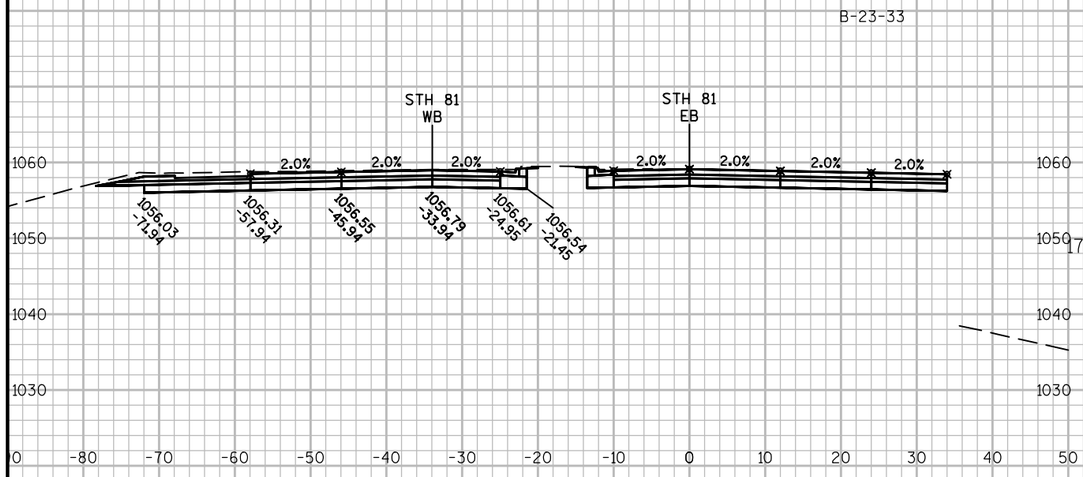
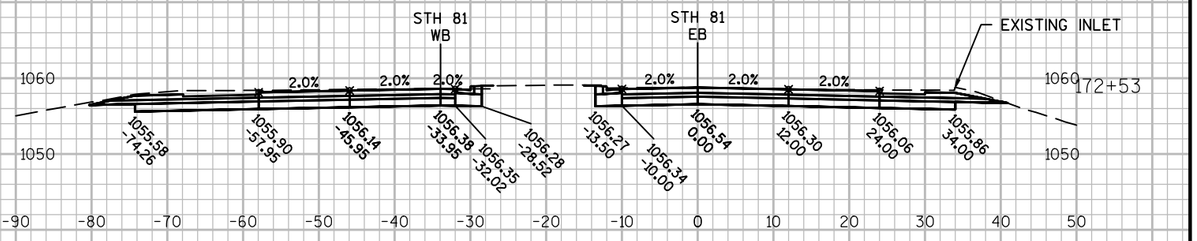
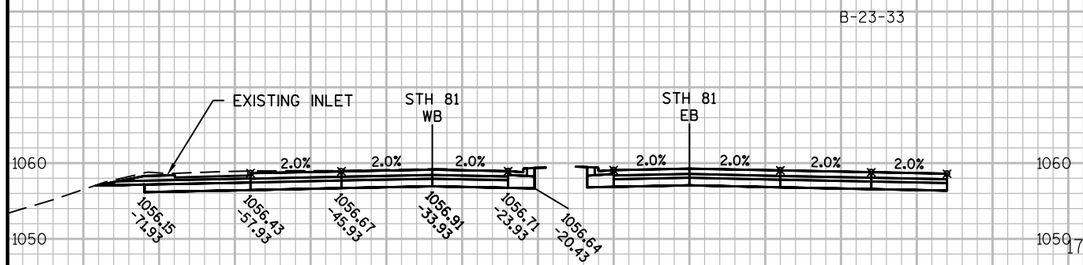
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 81	SHEET 669	E

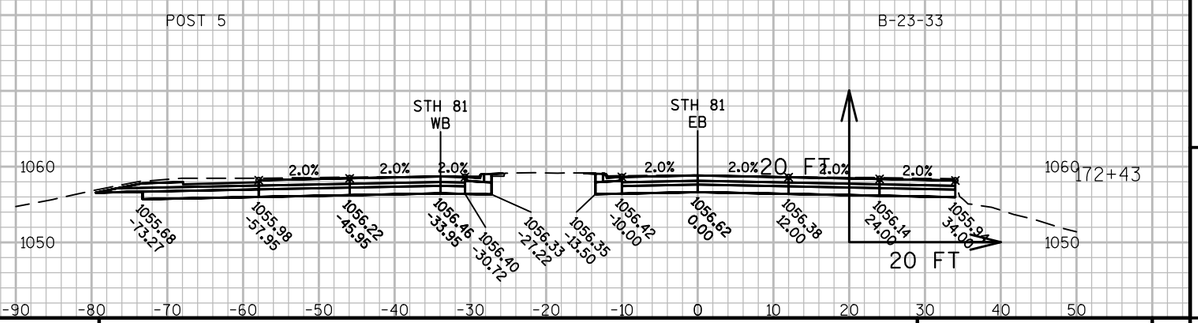












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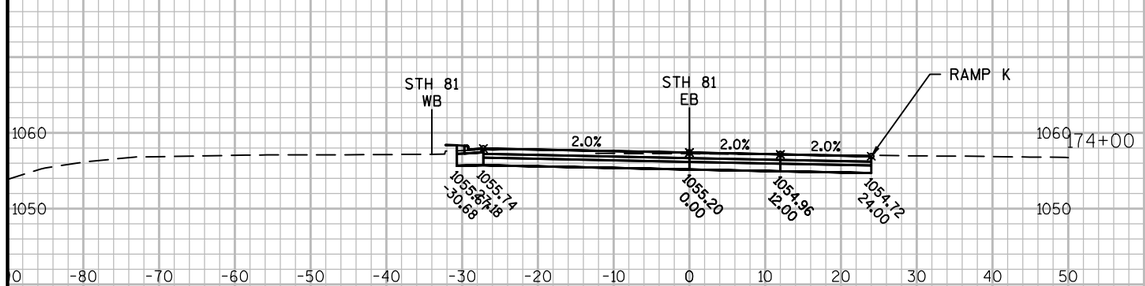
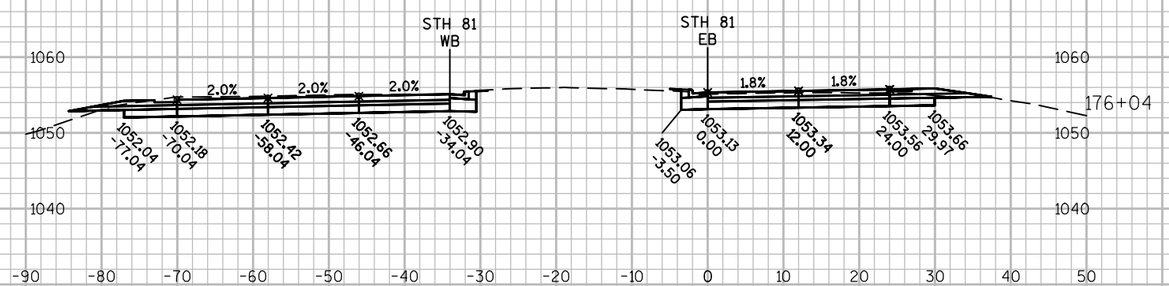
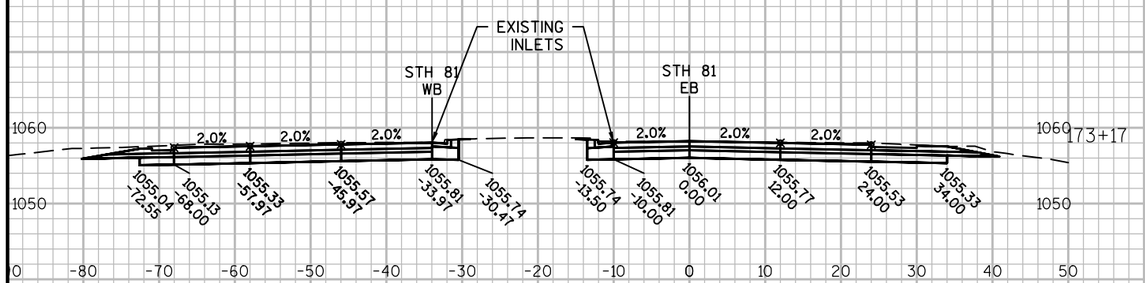
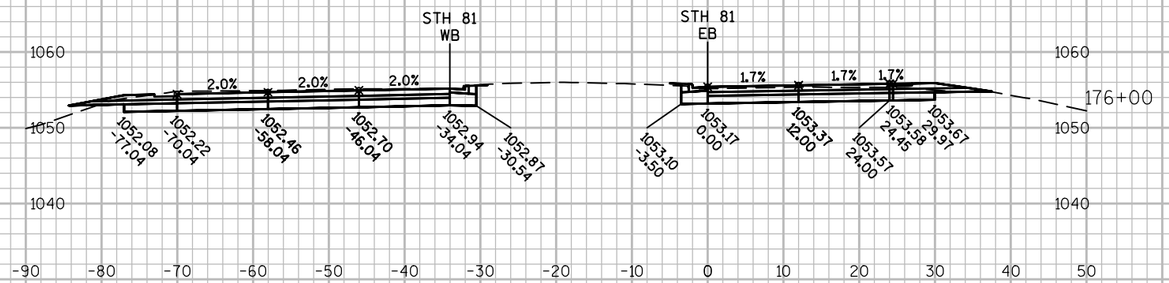
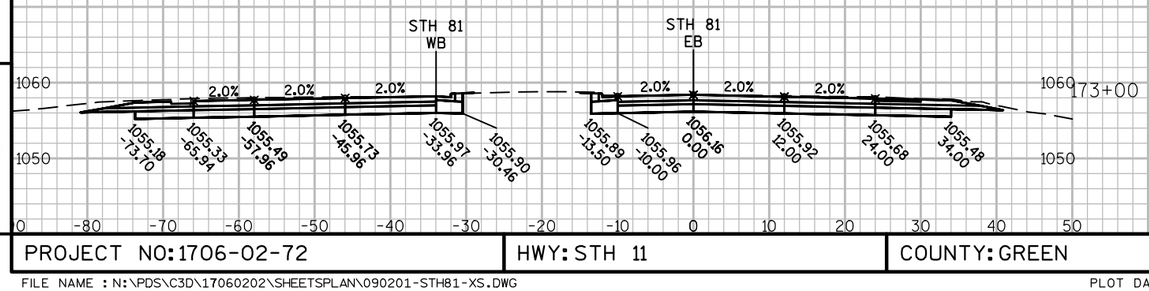
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 81	SHEET 670	E

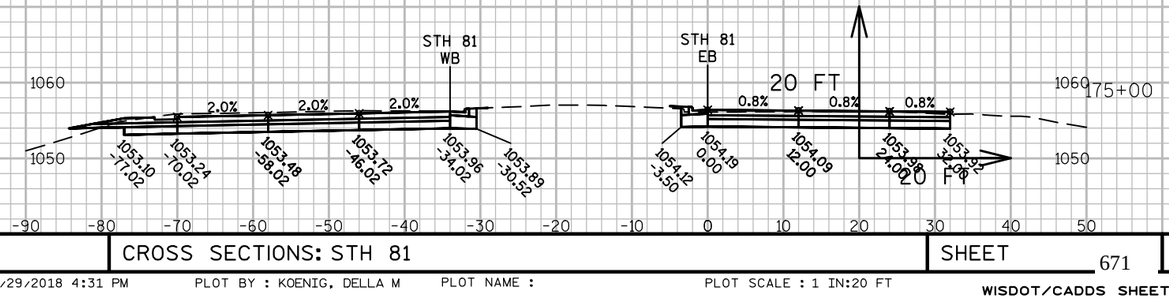












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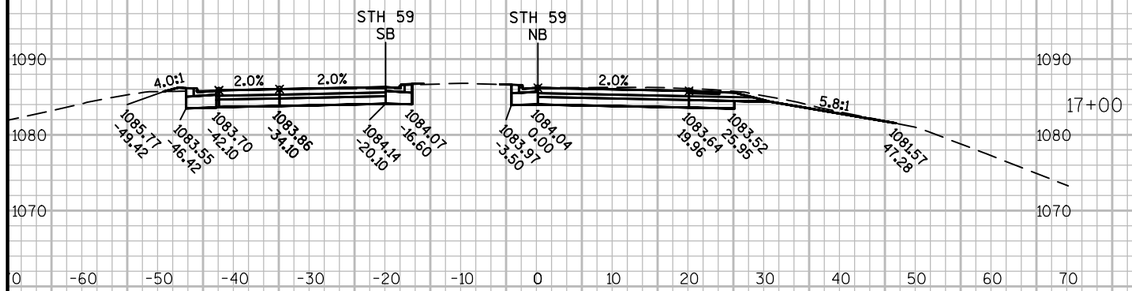
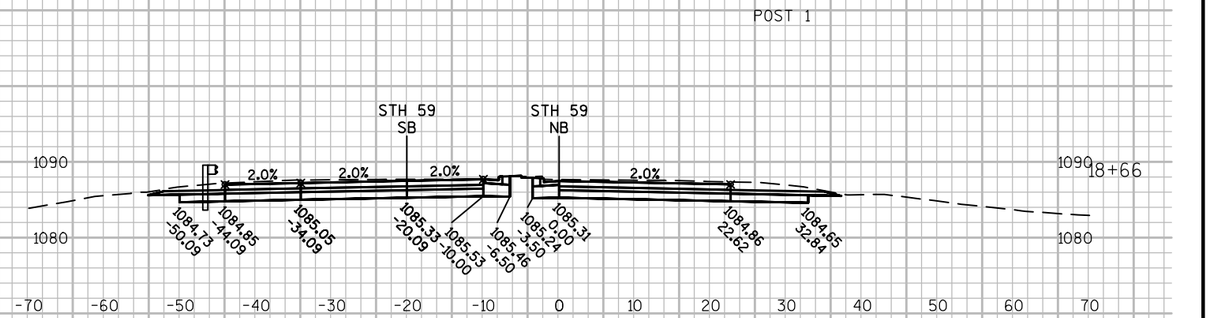
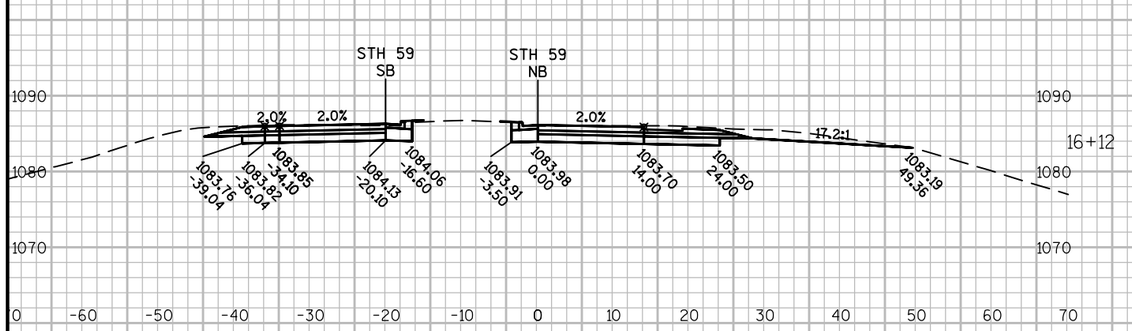
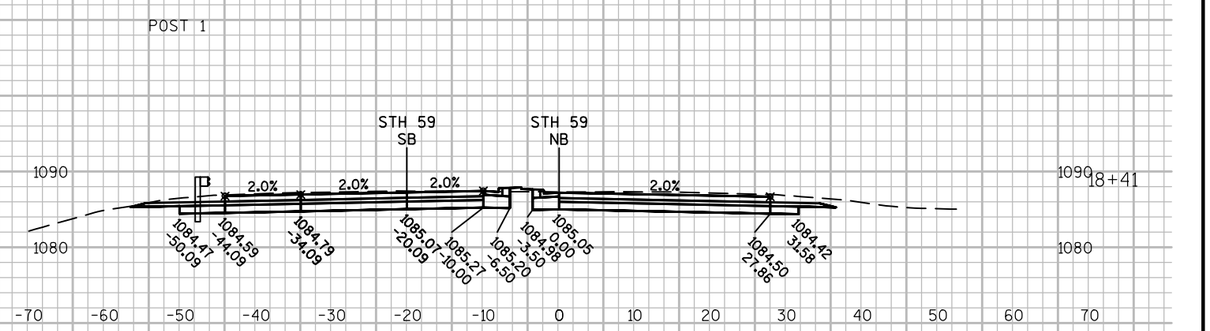
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 81	SHEET 671	E

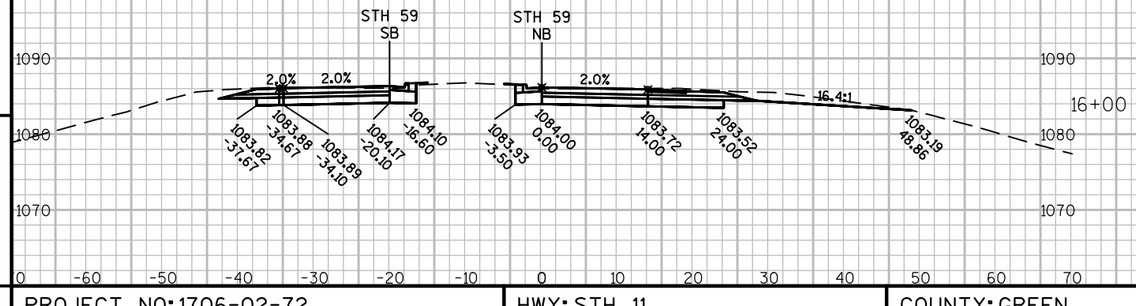
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH81-XS.DWG
LAYOUT NAME - STH 81 - (4)
PLOT DATE : 1/29/2018 4:31 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

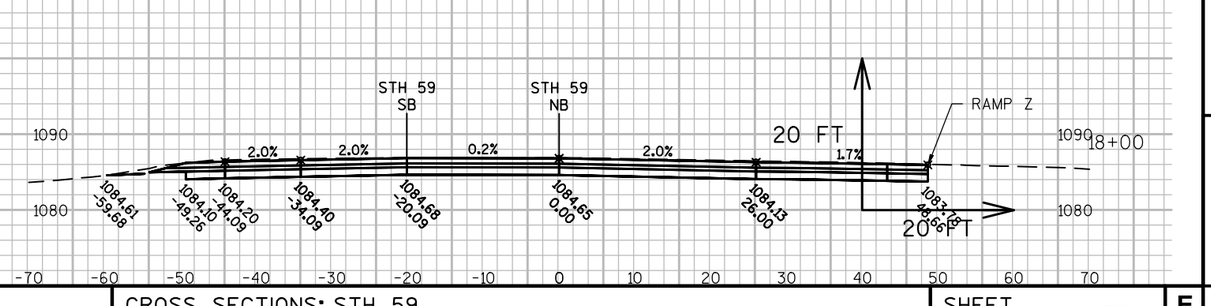












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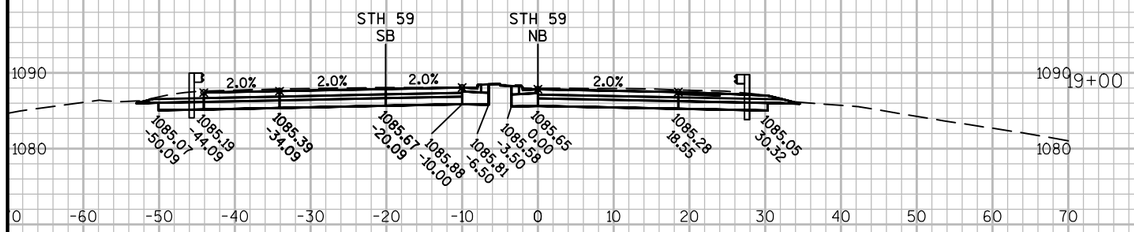
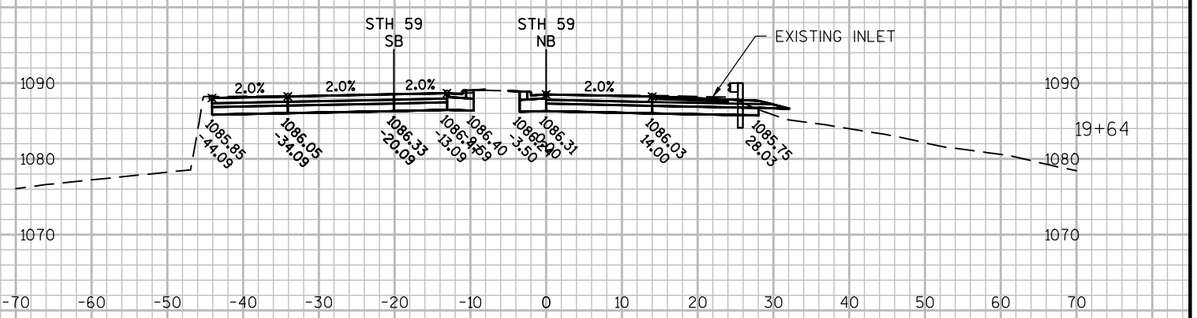
9

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 59	SHEET 672	E

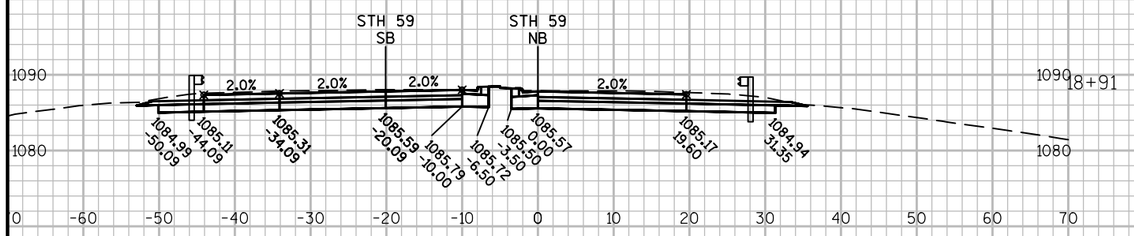
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH59-XS.DWG
LAYOUT NAME - STH 59 - (5)
PLOT DATE : 1/30/2018 9:30 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

POST 9

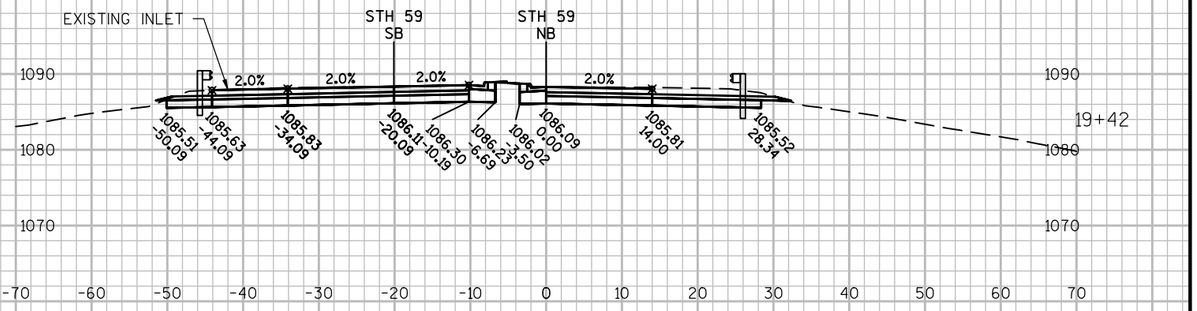




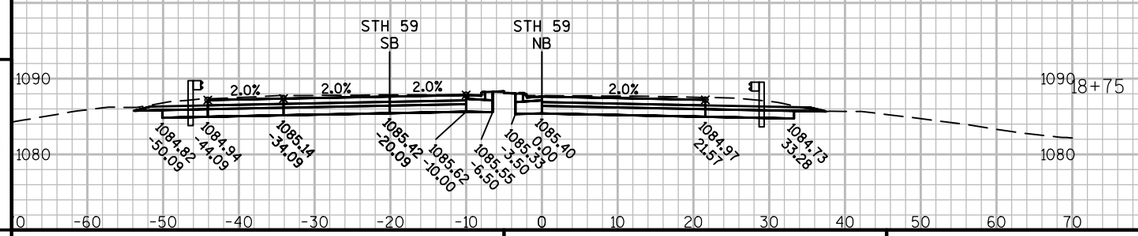
POST 5



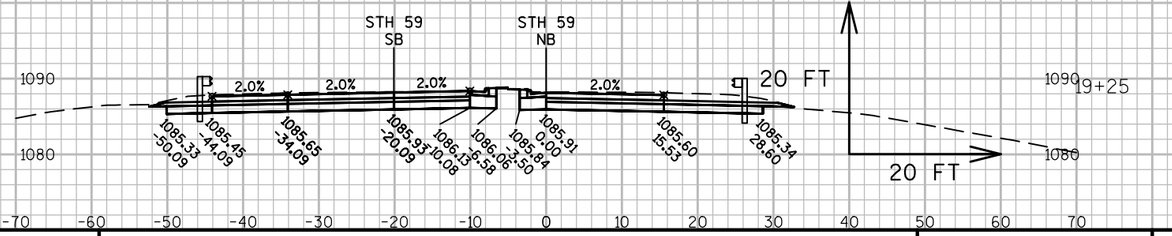
EXISTING INLET



POST 5



POST 9



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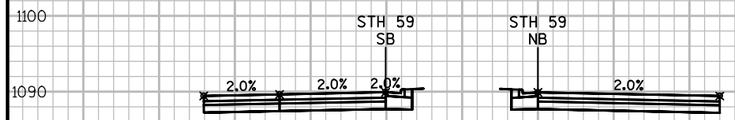
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 59	SHEET 673	E

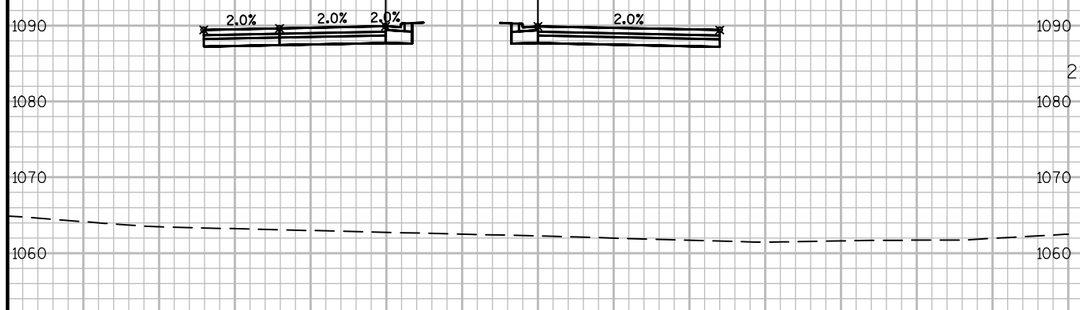
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH59-XS.DWG
LAYOUT NAME - STH 59 - (6)

PLOT DATE : 1/30/2018 9:31 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

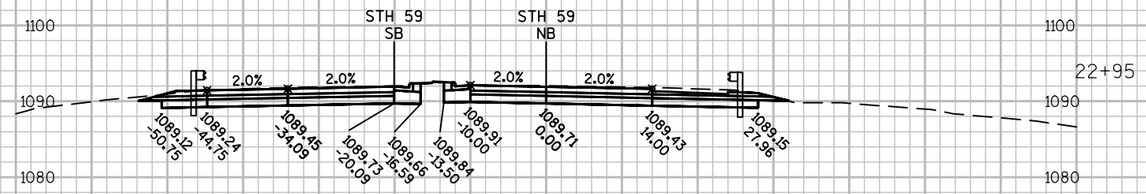
WISDOT/CADDS SHEET 49

B-23-37

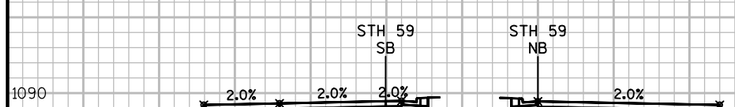


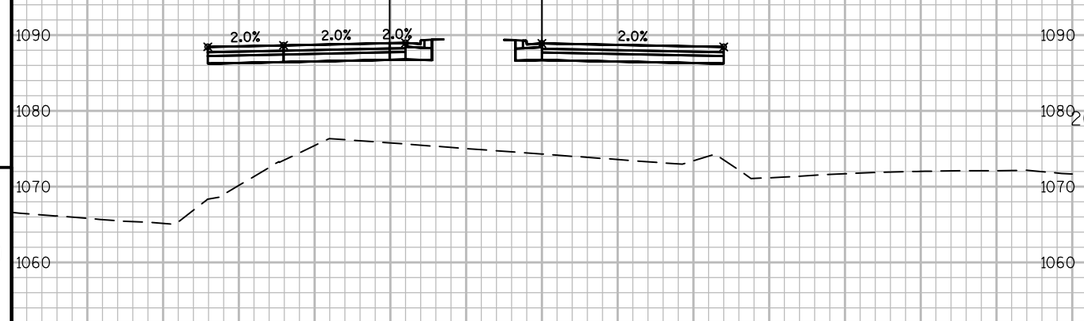


POST 9

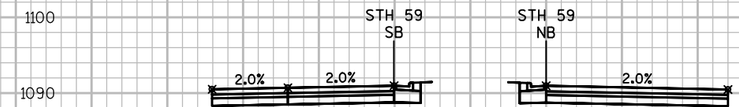


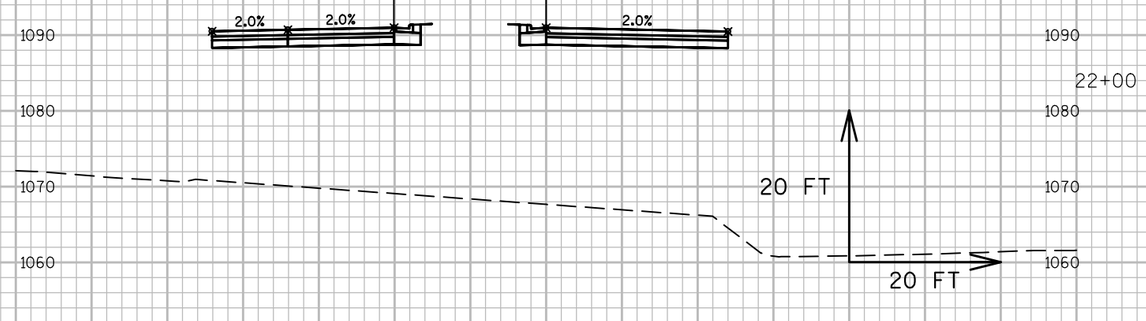
B-23-37





B-23-37



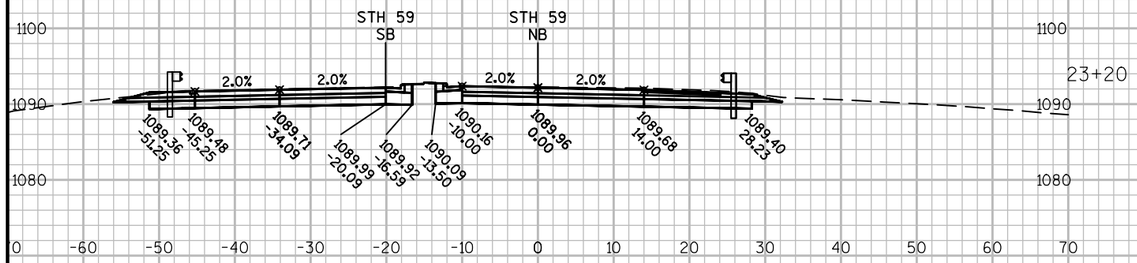


9

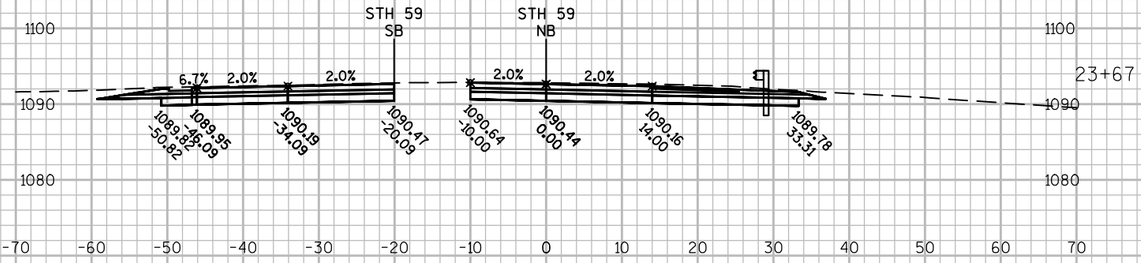
9

PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 59	SHEET 674	E

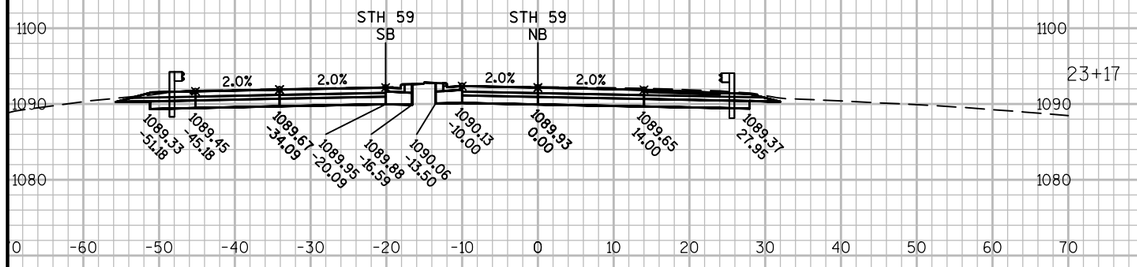
POST 5



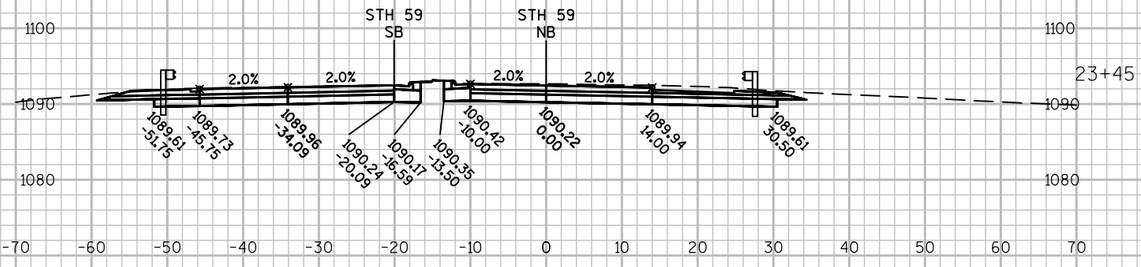
POST 1



POST 9



POST 1



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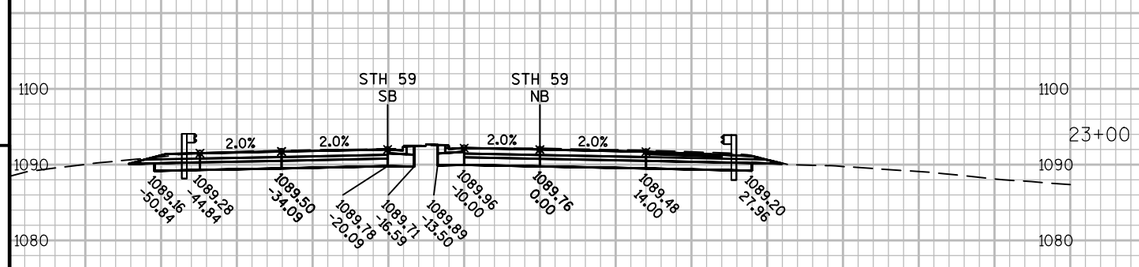
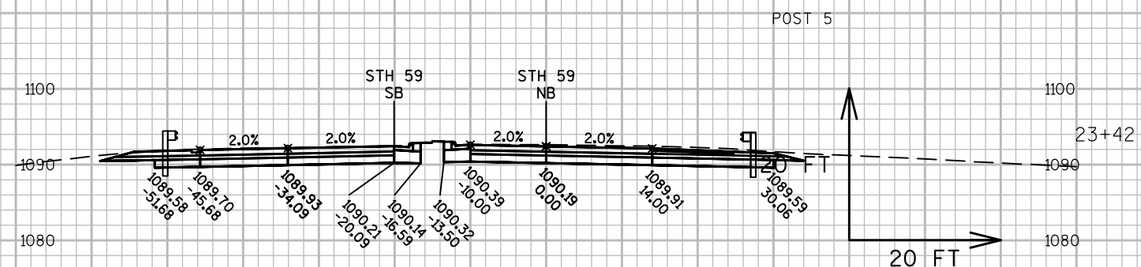


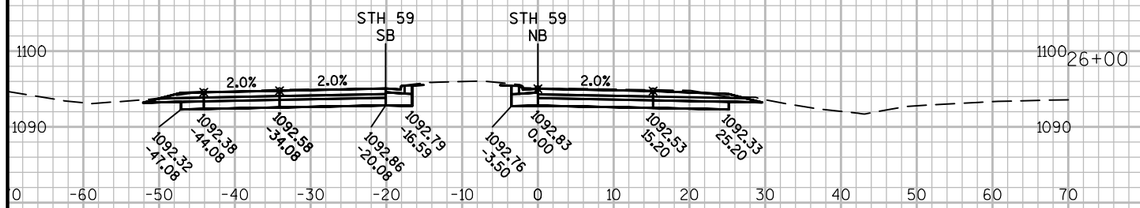
POST 5



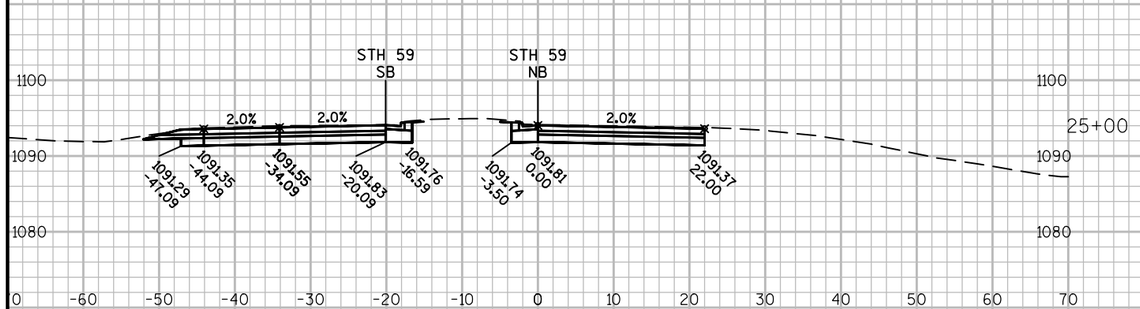
9 9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 59	SHEET 675	E

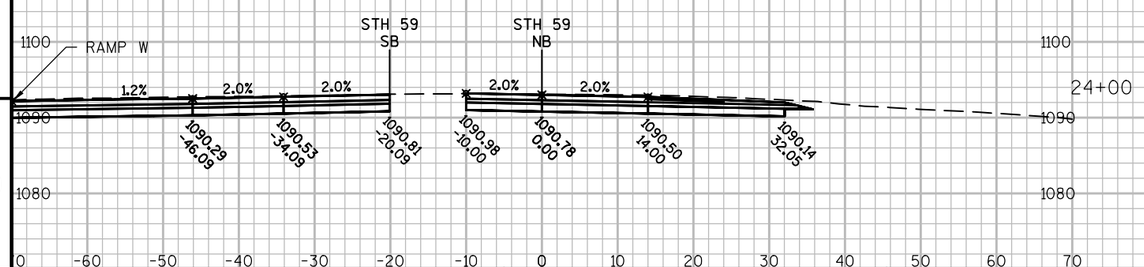
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH59-XS.DWG
LAYOUT NAME - STH 59 - (8)
PLOT DATE : 1/30/2018 9:31 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



26+00



25+00



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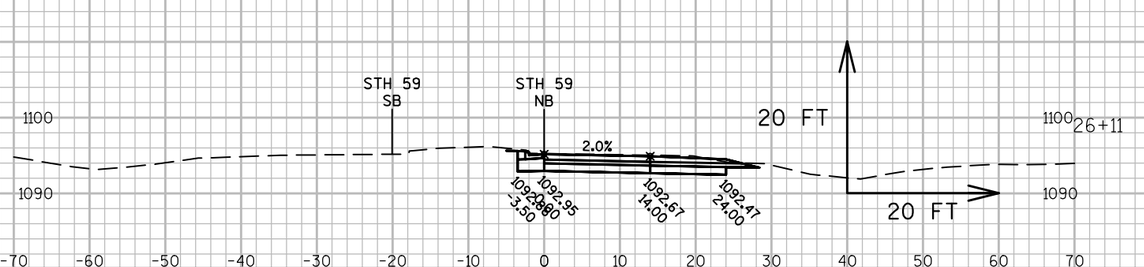


26+11

9

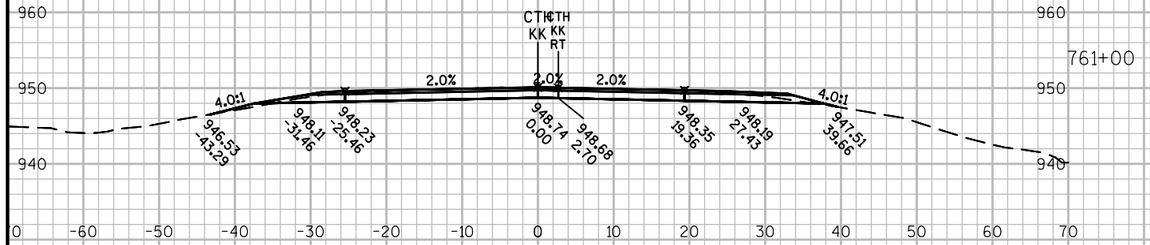
9

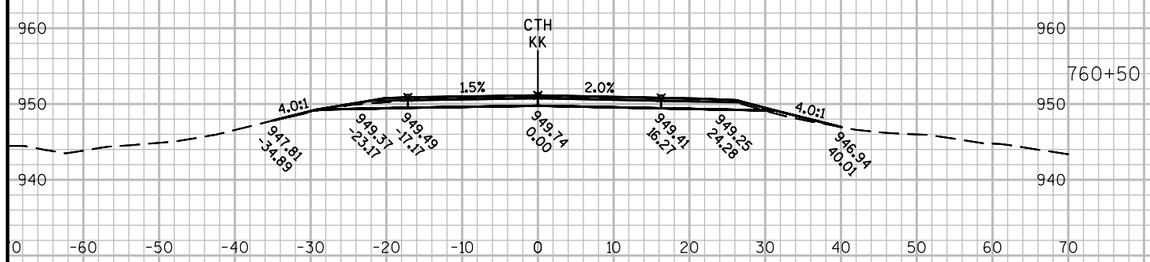
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STH 59	SHEET 676	E

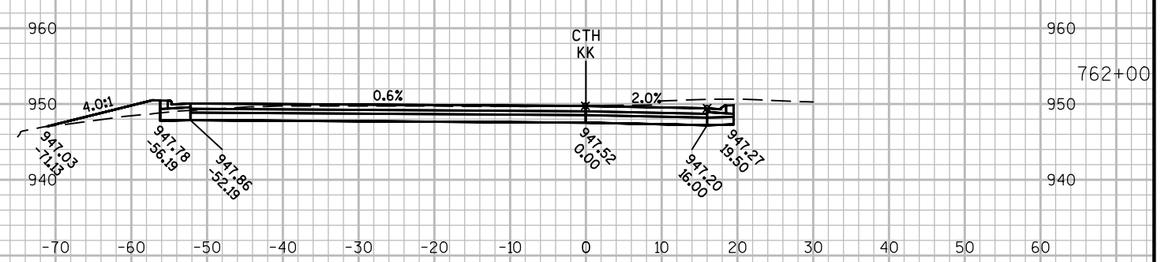
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-STH59-XS.DWG
LAYOUT NAME - STH 59 - (9)

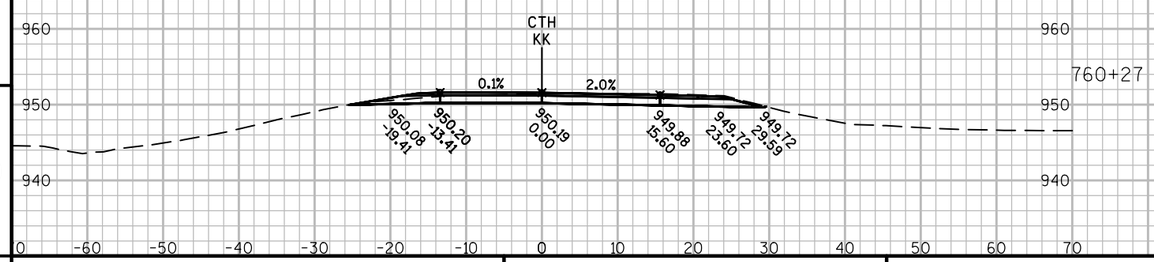
PLOT DATE : 1/30/2018 9:32 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

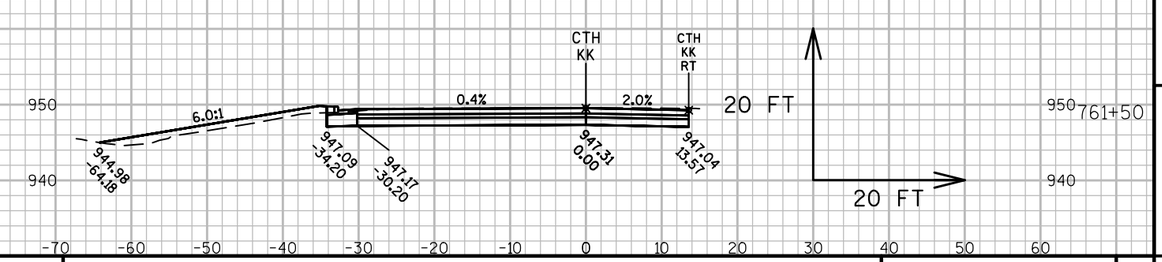
WISDOT/CADDS SHEET 49











9

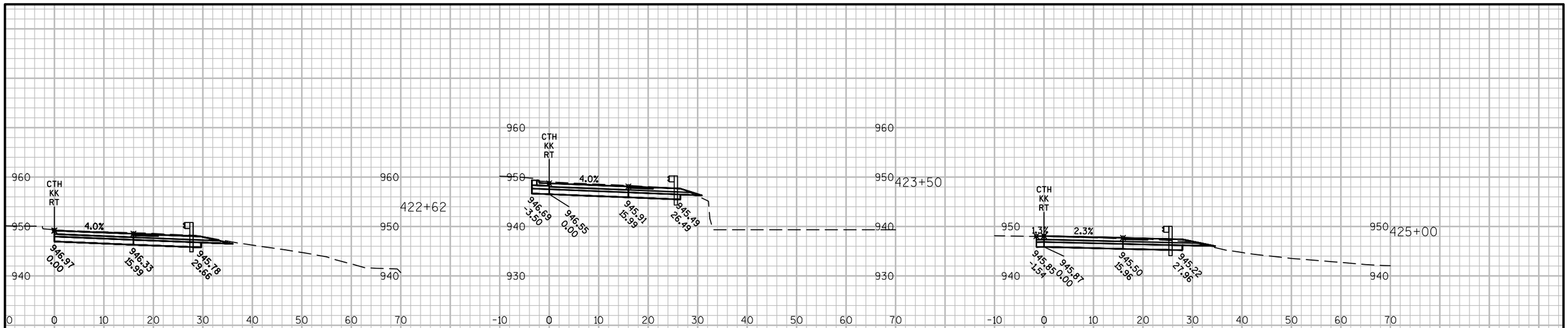
9

PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CTH KK	SHEET 677	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-CTH KK-STAUFFACHER-XS.DWG
LAYOUT NAME - CTH KK- (1)

PLOT DATE : 1/29/2018 10:19 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

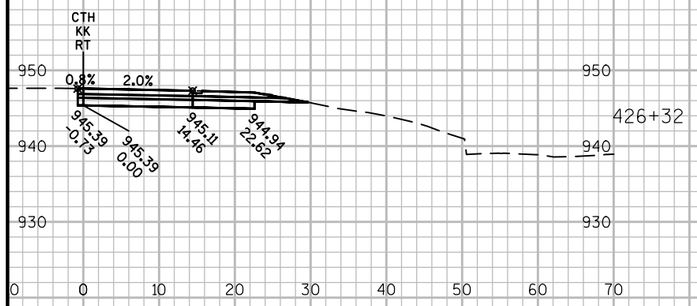


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CTH KK RT TURN	SHEET 678	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-CTH KK-STAUFFACHER-XS.DWG
LAYOUT NAME - CTHKK-RT TURN - (1)

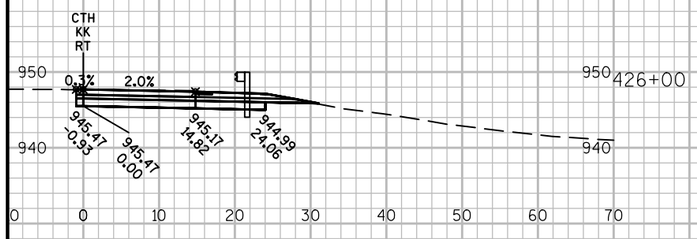
PLOT DATE : 1/29/2018 10:19 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

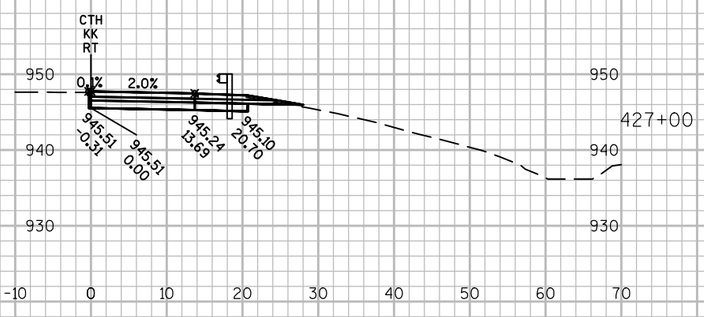


426+32

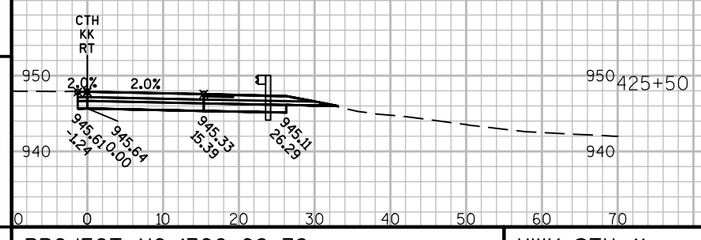
427+50



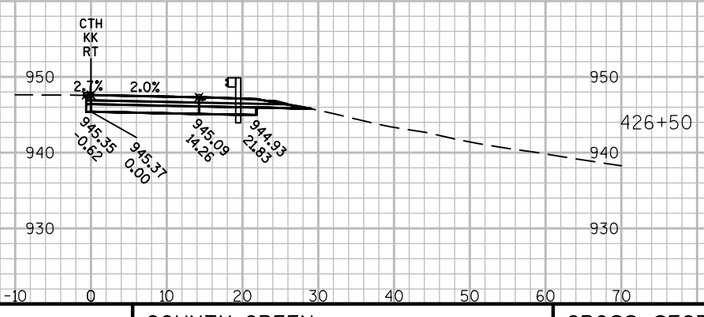
426+00



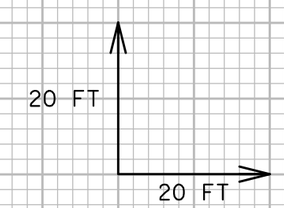
427+00



425+50



426+50



9

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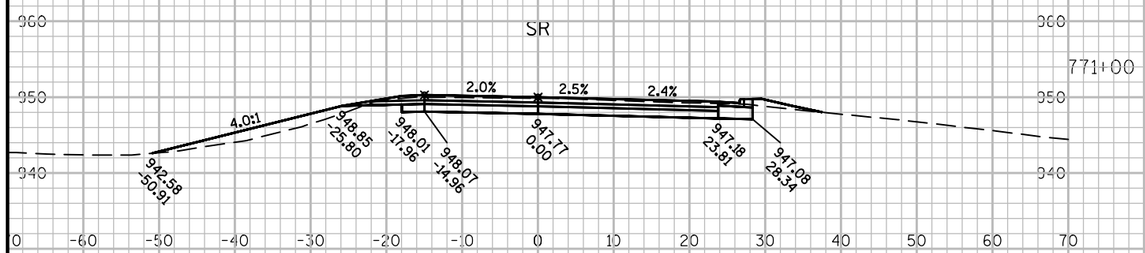
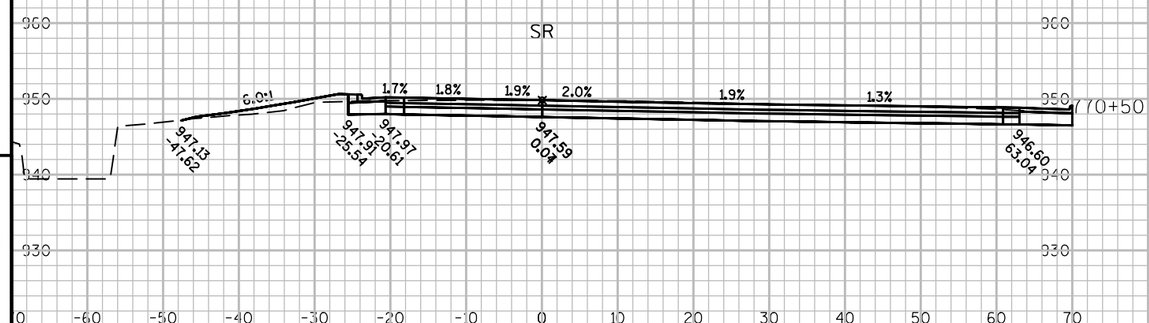
PROJECT NO:1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CTH KK RT TURN	SHEET 679	E

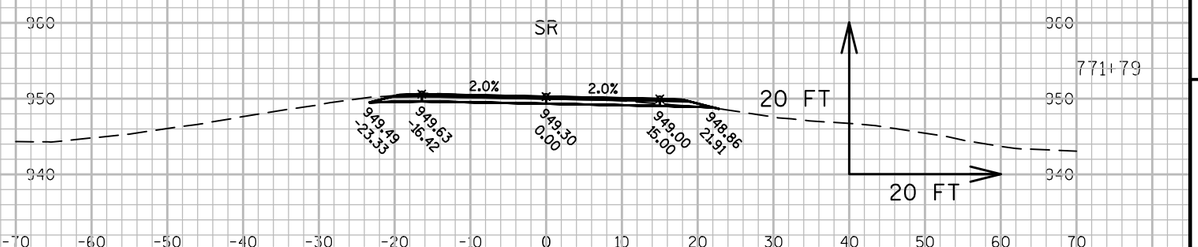
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-CTH KK-STAUFFACHER-XS.DWG
LAYOUT NAME - CTHKK-RT TURN - (2)

PLOT DATE : 1/29/2018 10:20 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





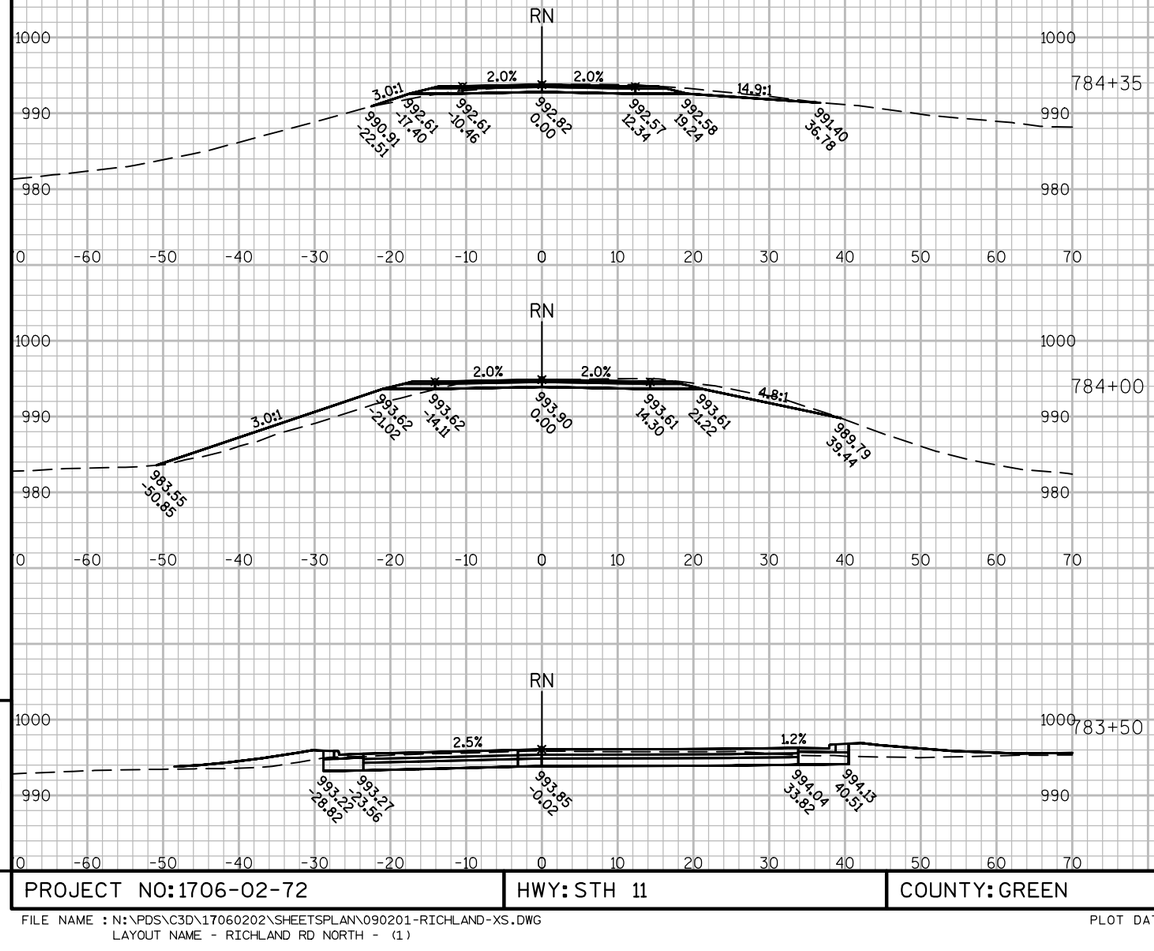


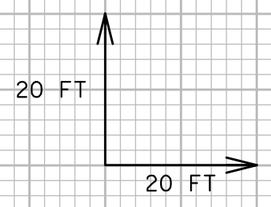
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: STAUFFACHER RD	SHEET 680 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-CTH KK-STAUFFACHER-XS.DWG
LAYOUT NAME - STAUFFACHER

PLOT DATE : 1/29/2018 10:41 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





9

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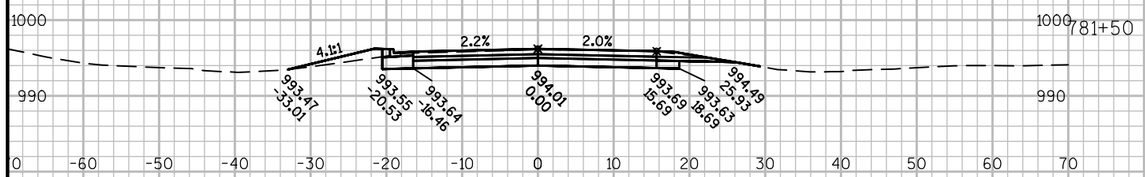
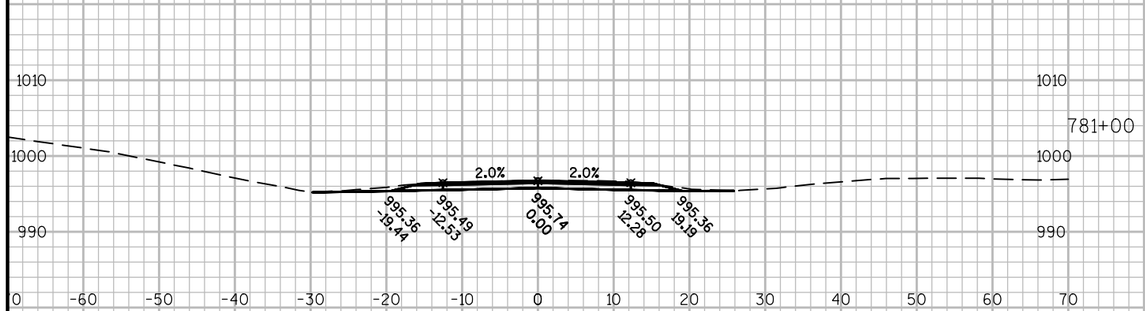
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RICHLAND RD NORTH	SHEET 681	E

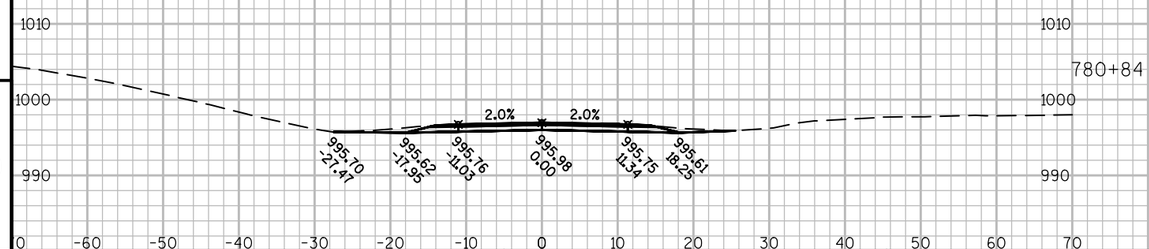
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RICHLAND-XS.DWG
LAYOUT NAME - RICHLAND RD NORTH - (1)

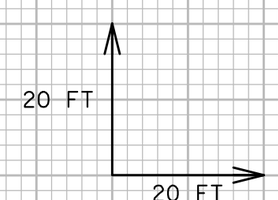
PLOT DATE : 1/29/2018 11:03 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49









9

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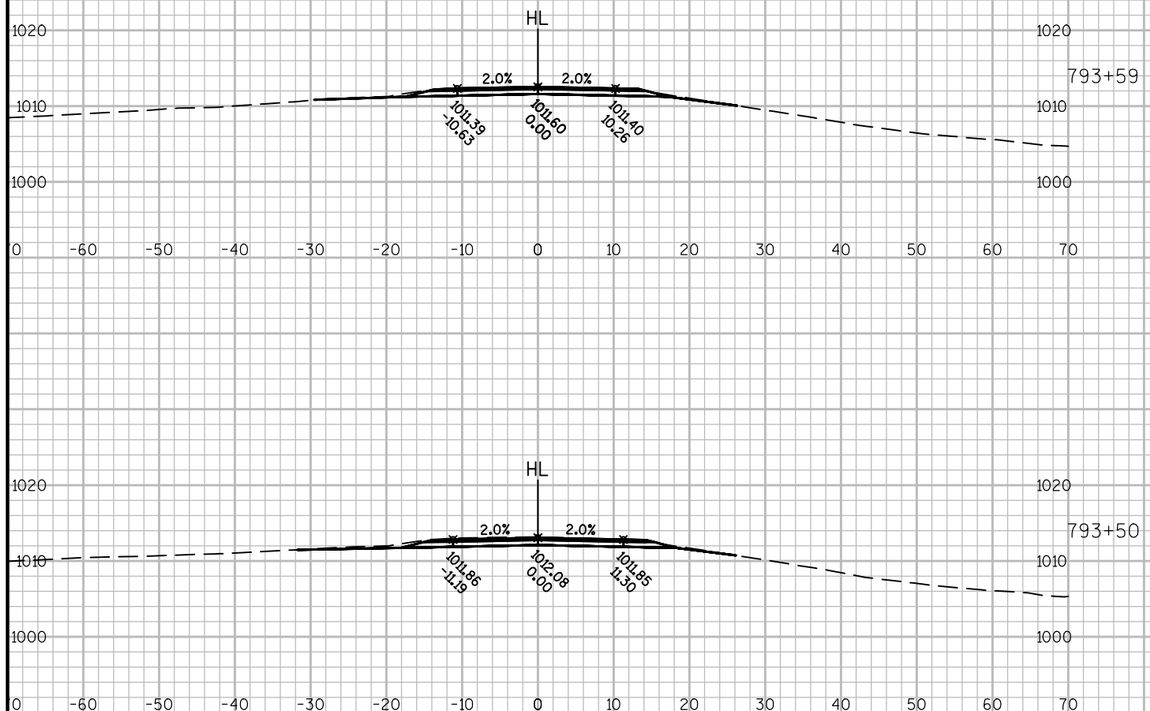
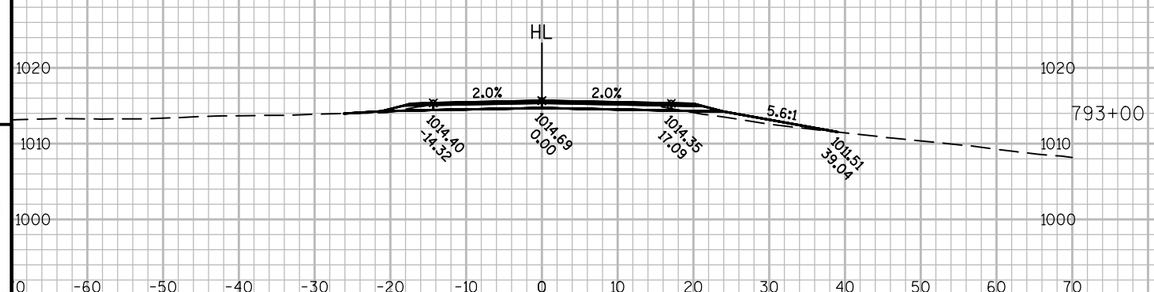
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: RICHLAND RD SOUTH	SHEET 682	E

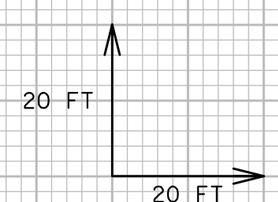
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-RICHLAND-XS.DWG
LAYOUT NAME - RICHLAND RD SOUTH - (1)

PLOT DATE : 1/29/2018 11:02 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







9

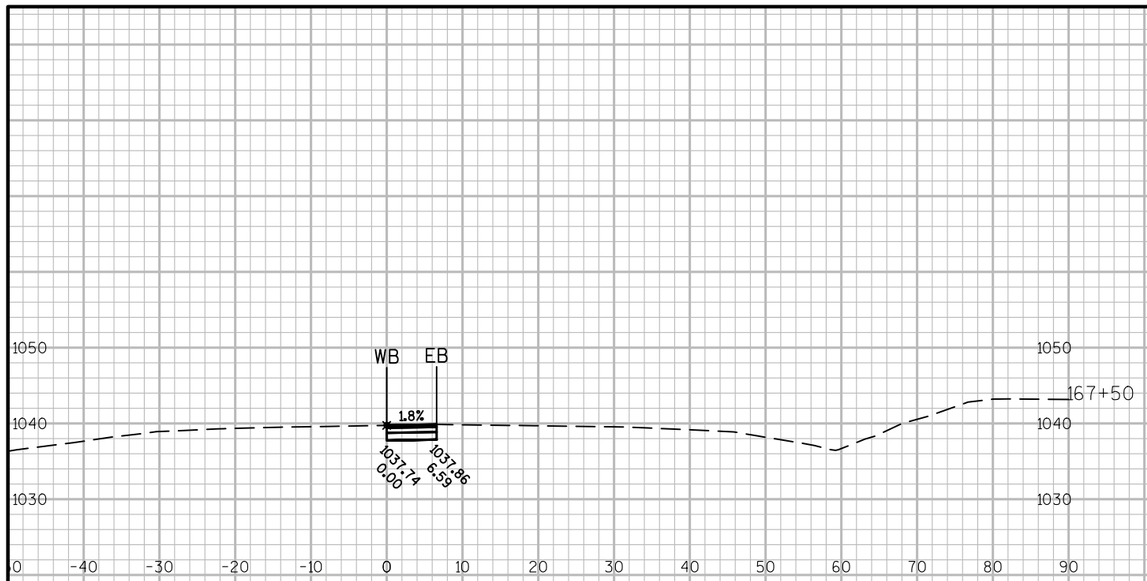
9

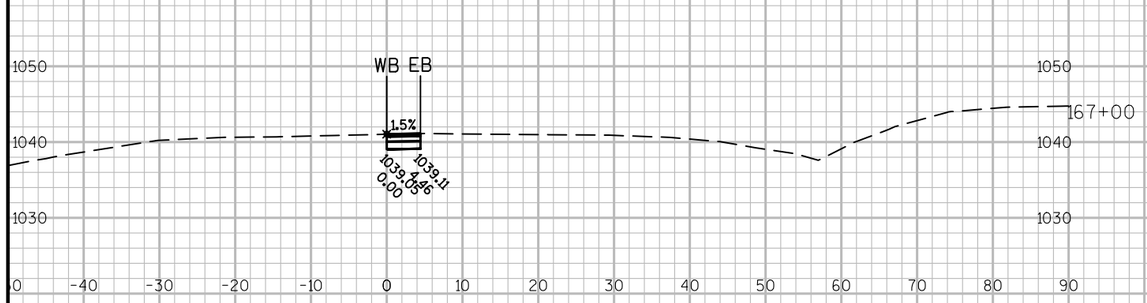
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: HILTBRAND LN	SHEET 683	E

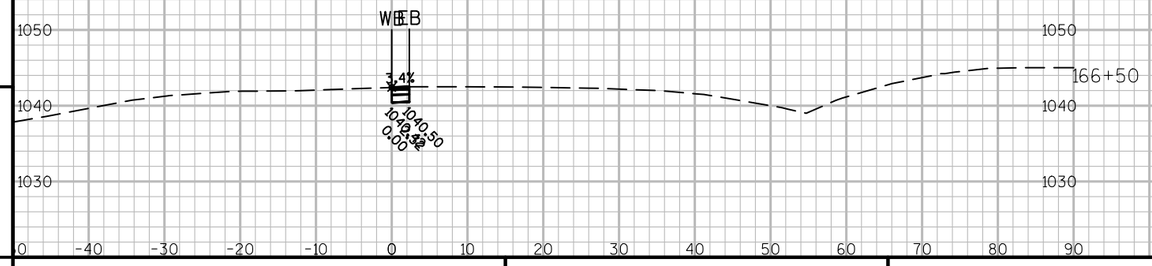
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\090201-HILTBRAND LN-XS.DWG
LAYOUT NAME - HILTBAND - (1)

PLOT DATE : 1/27/2018 4:53 PM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



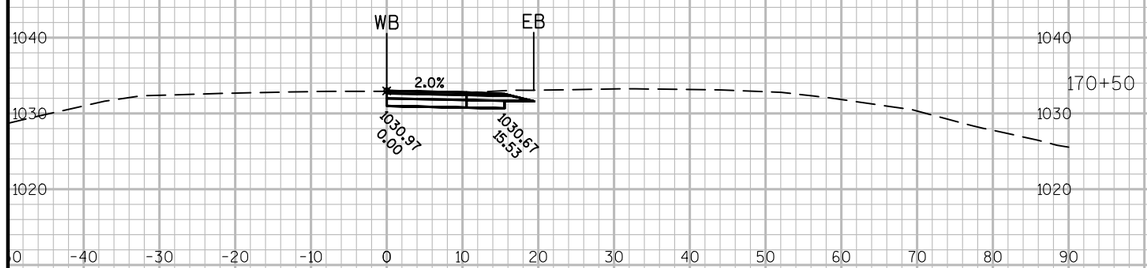


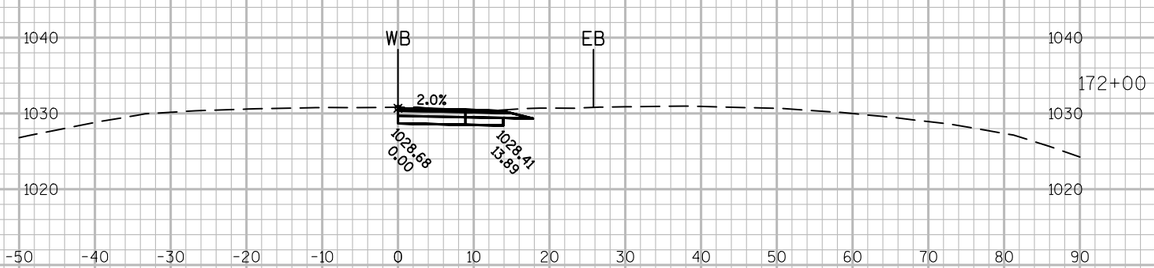


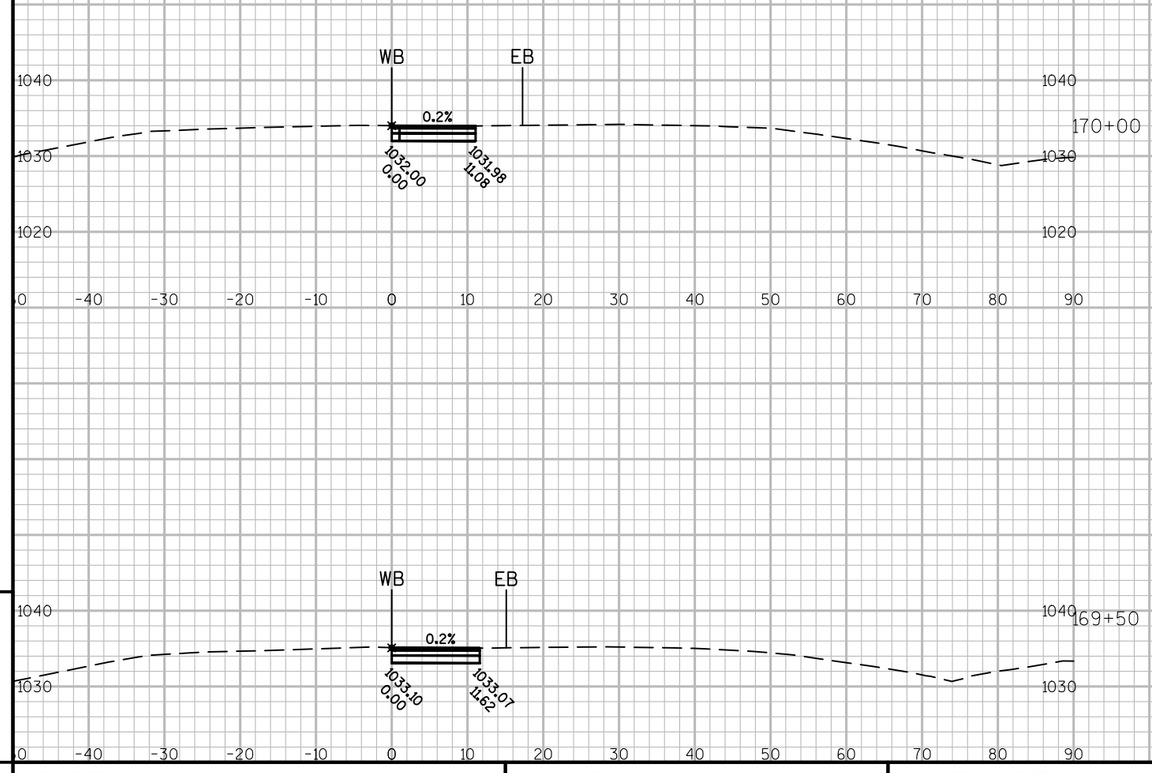
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER A	SHEET 684	E

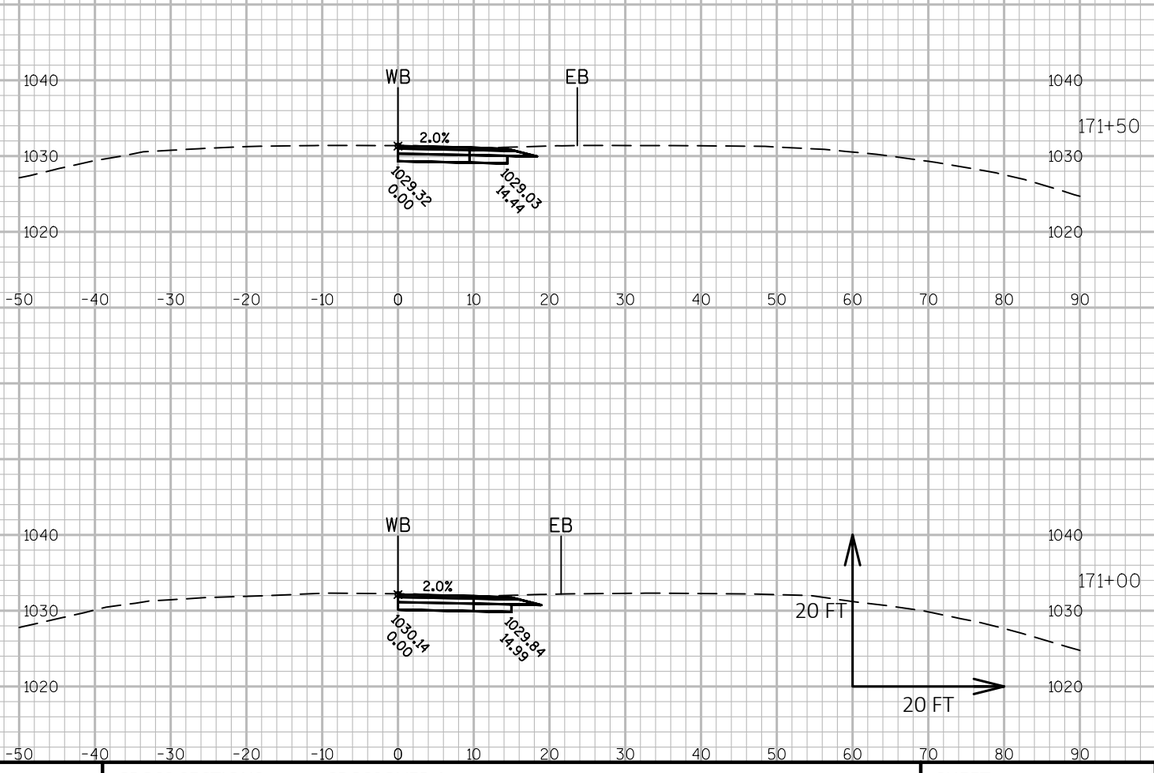
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO Ramp A - (1)

PLOT DATE : 4/5/2018 7:18 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.









PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER A	SHEET 685 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO Ramp A - (2)

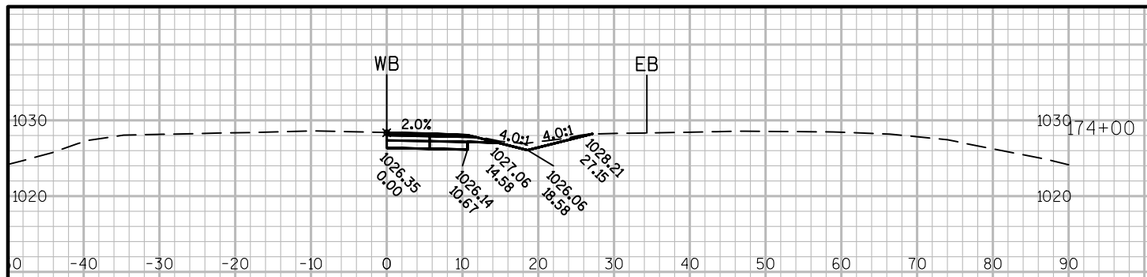
PLOT DATE : 4/5/2018 7:18 AM

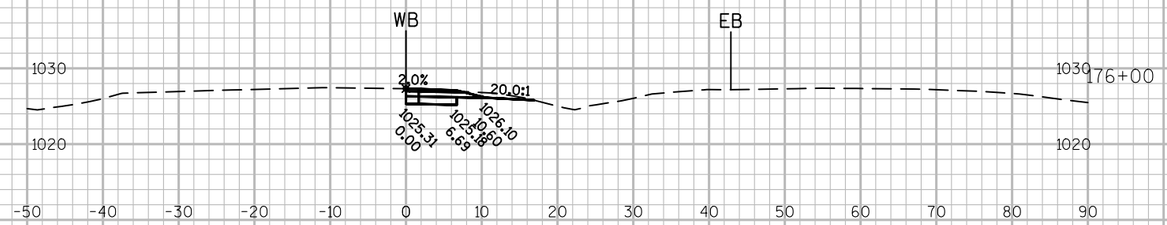
PLOT BY : KOENIG, DELLA M

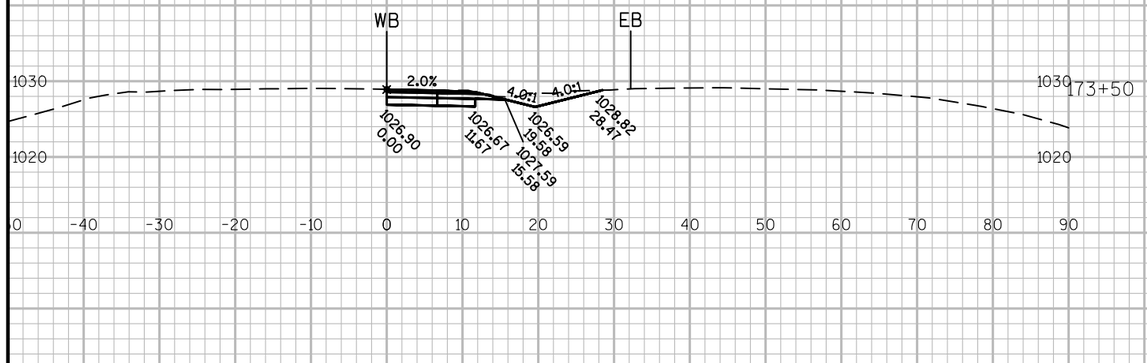
PLOT NAME :

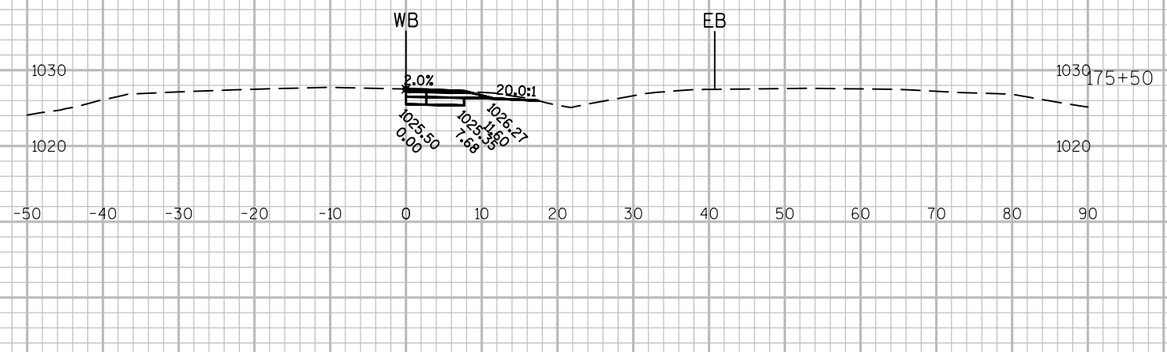
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

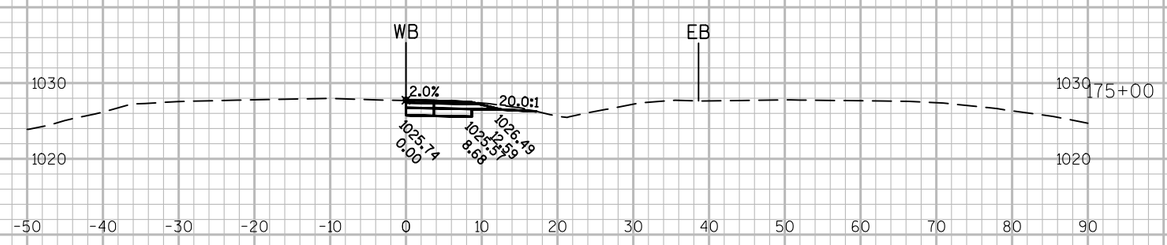
WISDOT/CADDS SHEET 49

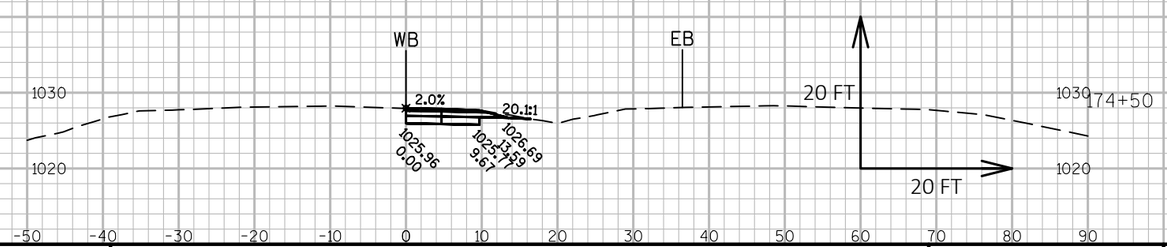






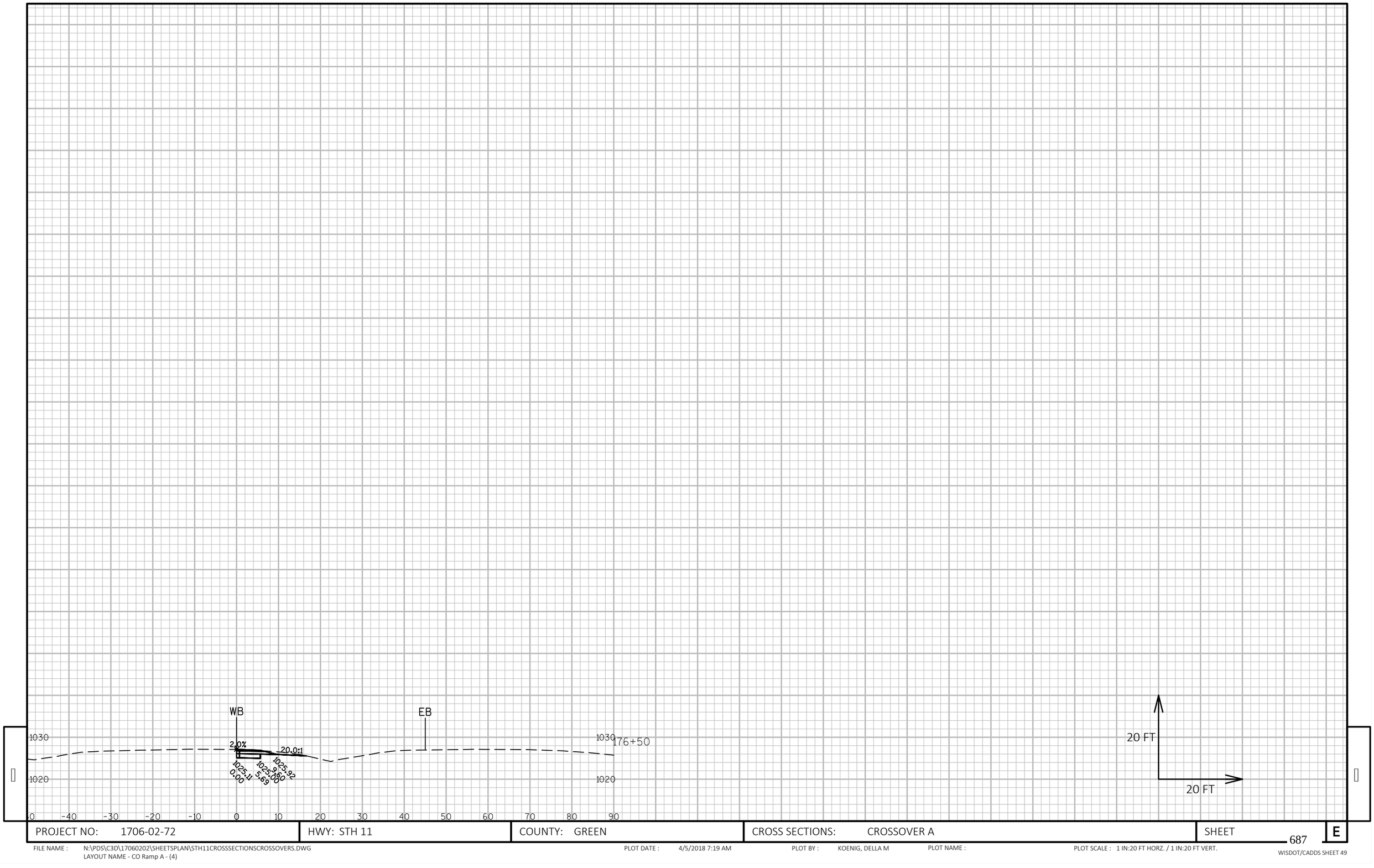






PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER A	SHEET 686	E

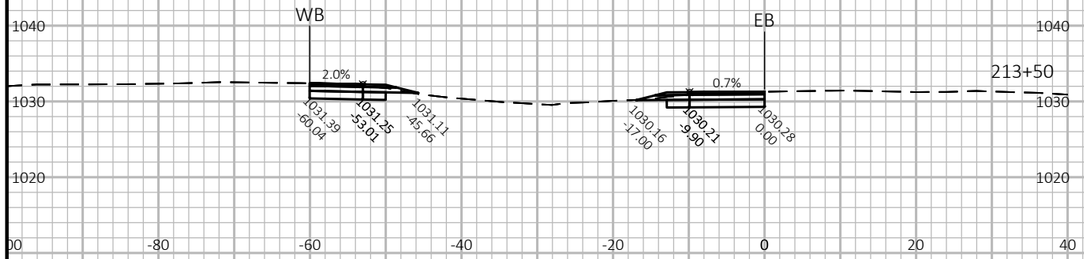
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO Ramp A - (3)
PLOT DATE : 4/5/2018 7:19 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

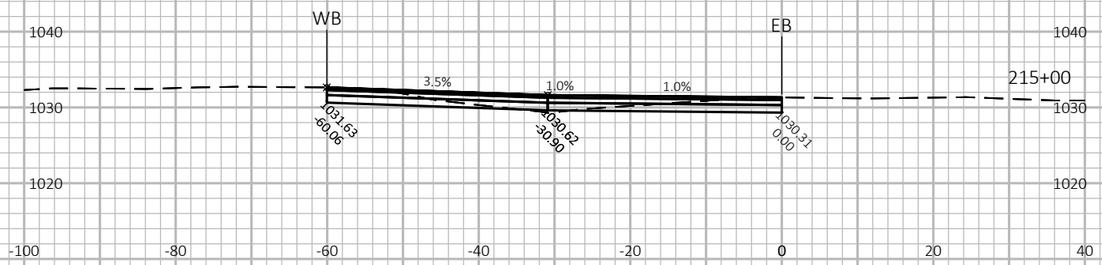


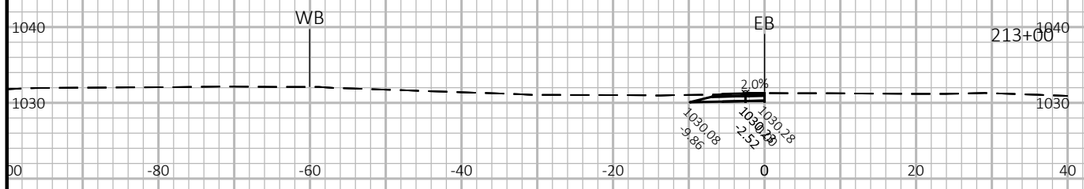
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER A	SHEET 687	E

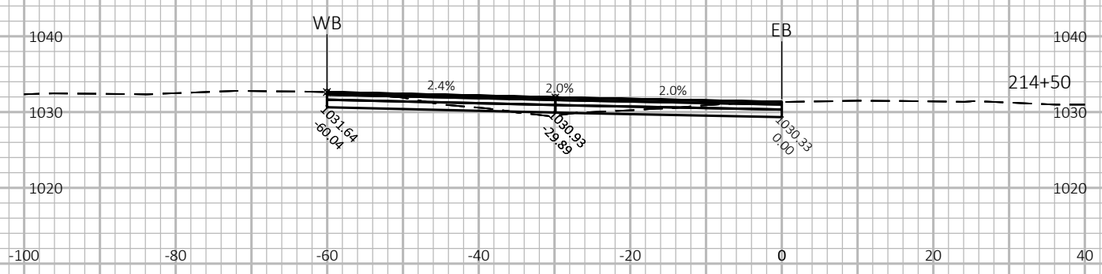
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO Ramp A - (4)

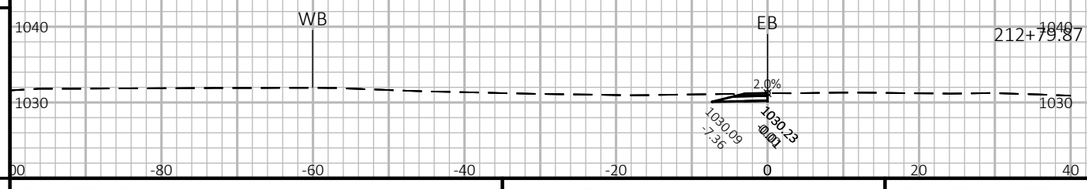
PLOT DATE : 4/5/2018 7:19 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

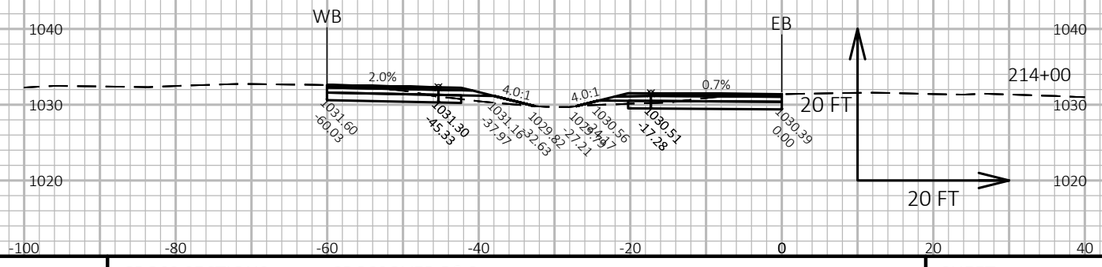








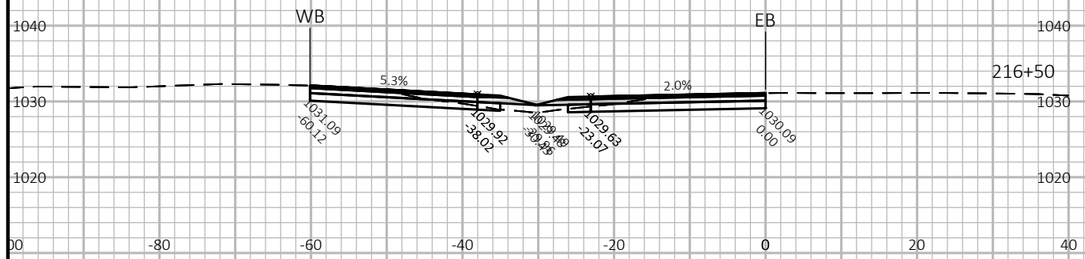


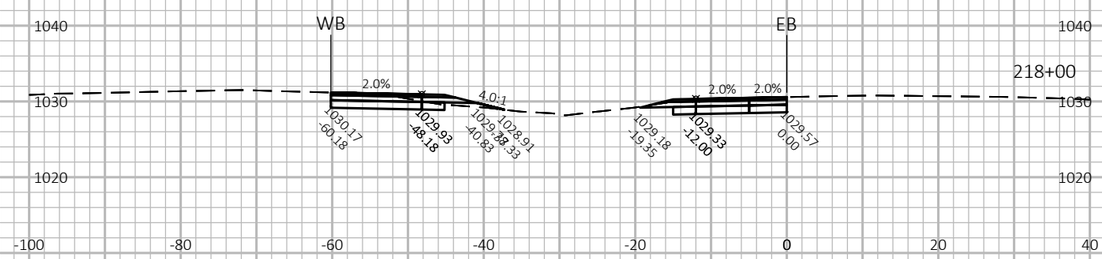


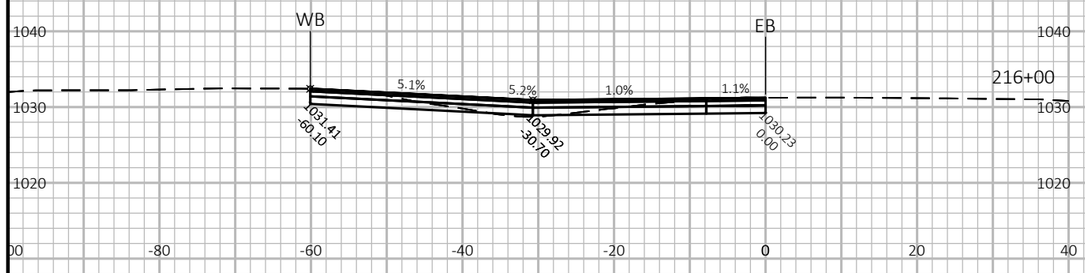
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER B&C	SHEET 688	E

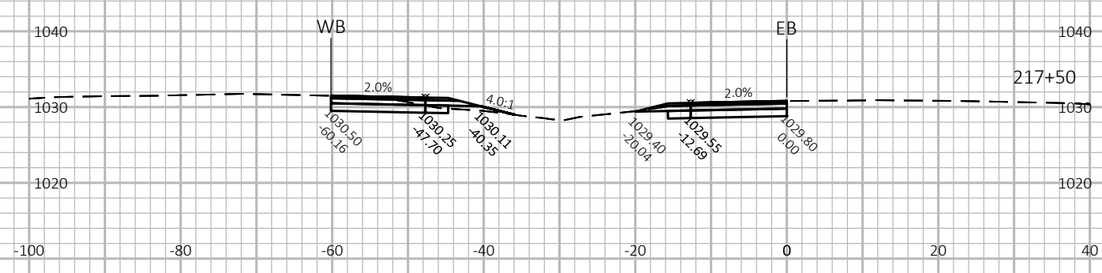
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERB&C.DWG
LAYOUT NAME - CO Ramp B&C (1)

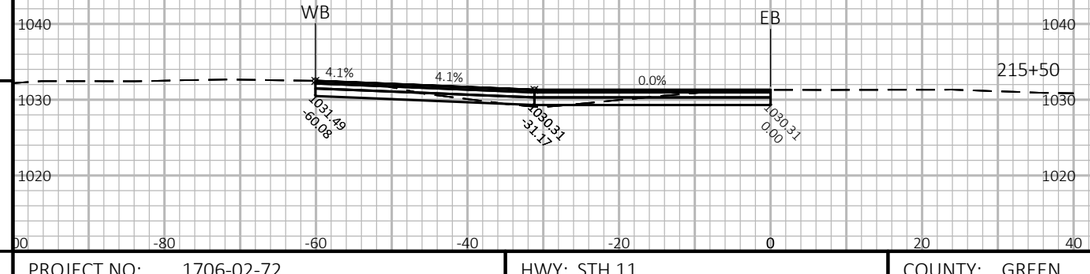
PLOT DATE : 4/5/2018 7:20 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.







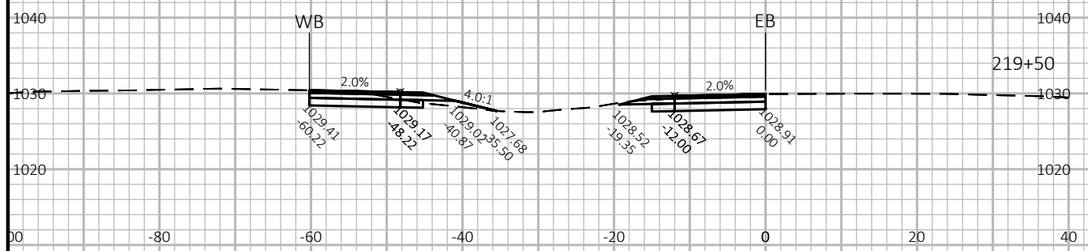


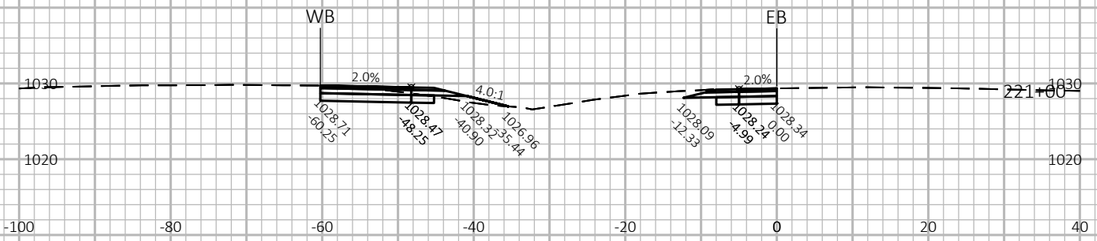


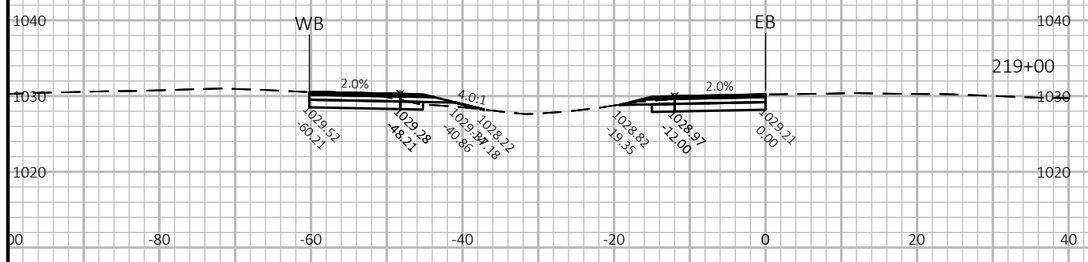
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER B&C	SHEET 689	E

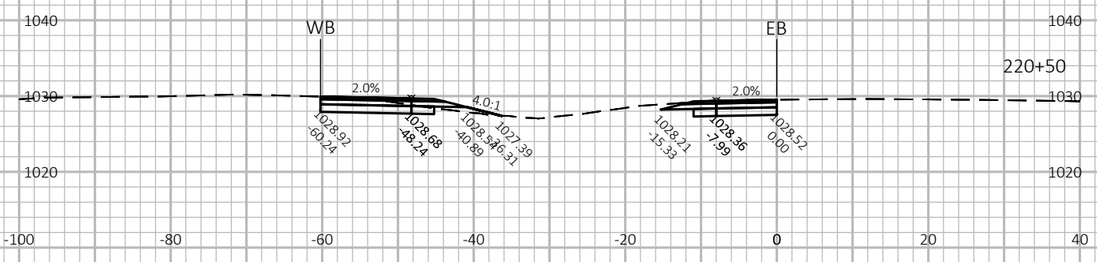
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERB&C.DWG
LAYOUT NAME - CO Ramp B&C (2)

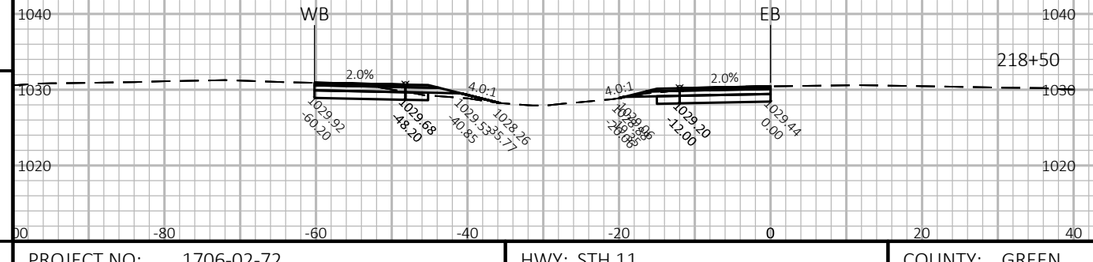
PLOT DATE : 4/5/2018 7:20 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

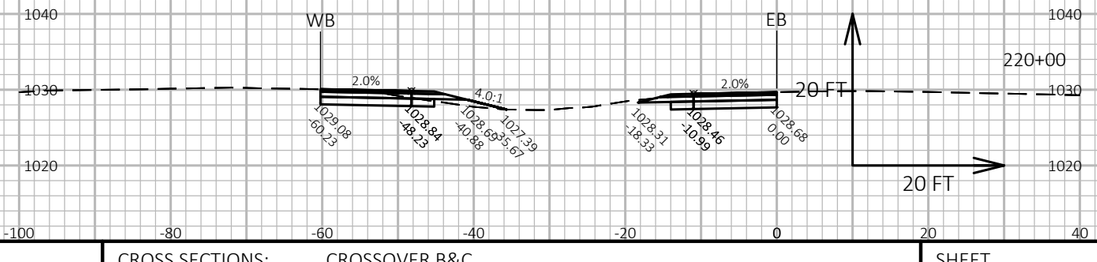








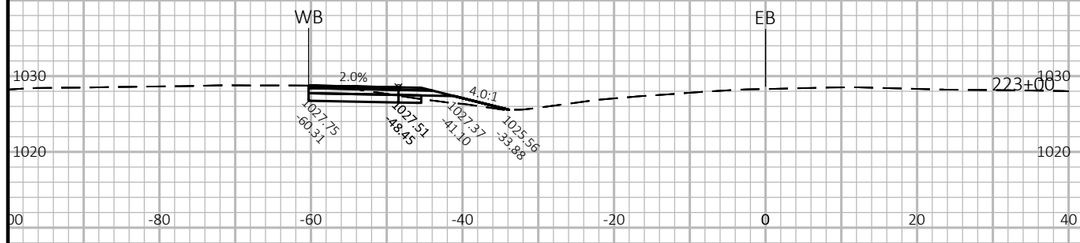


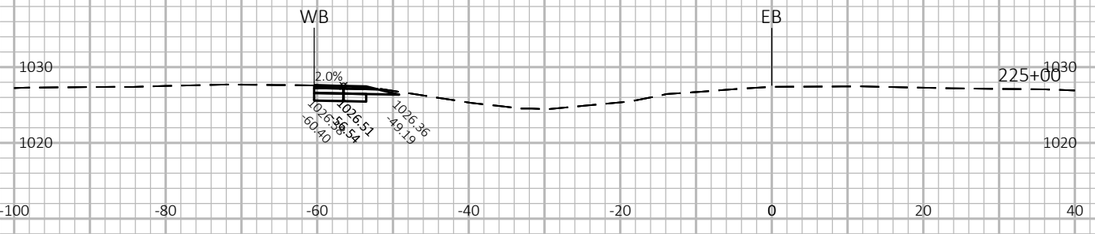


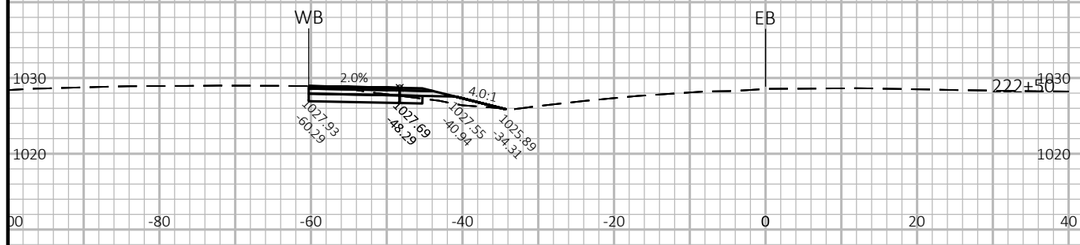
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER B&C	SHEET 690	E

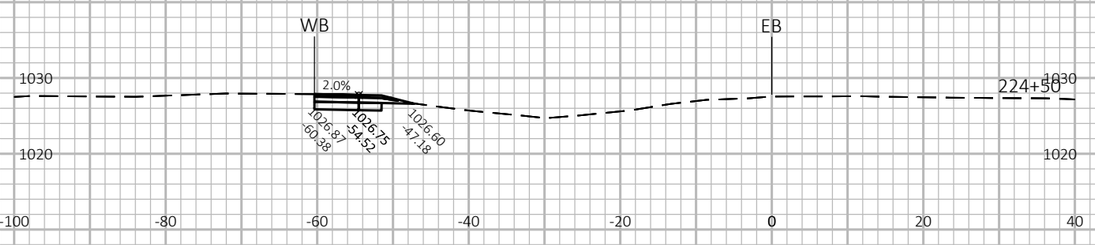
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERB&C.DWG
LAYOUT NAME - CO Ramp B&C (3)

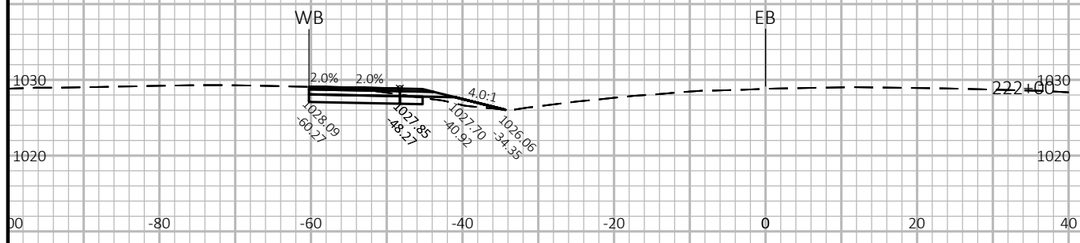
PLOT DATE : 4/5/2018 7:20 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

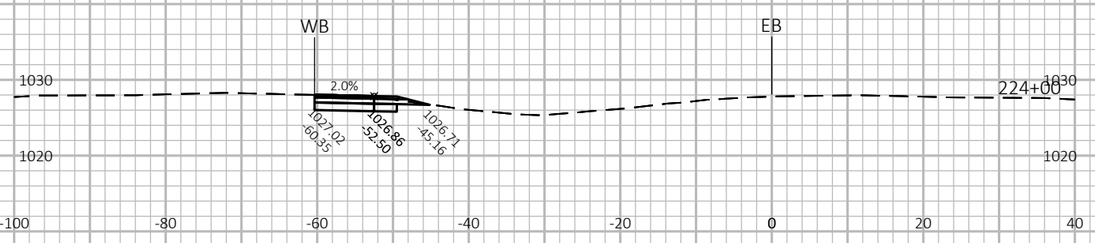


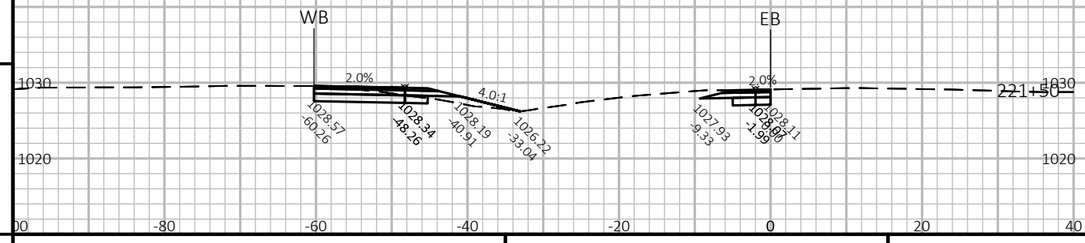


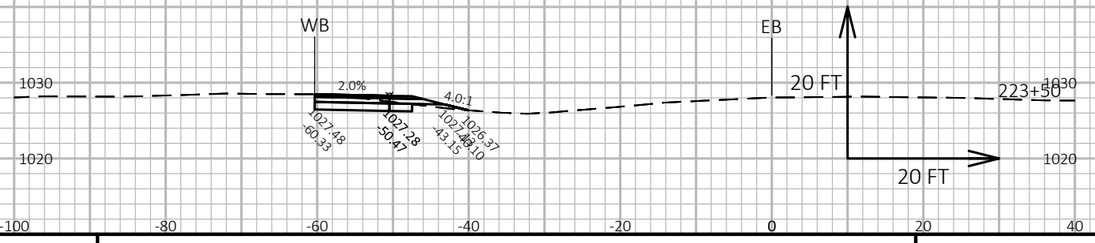






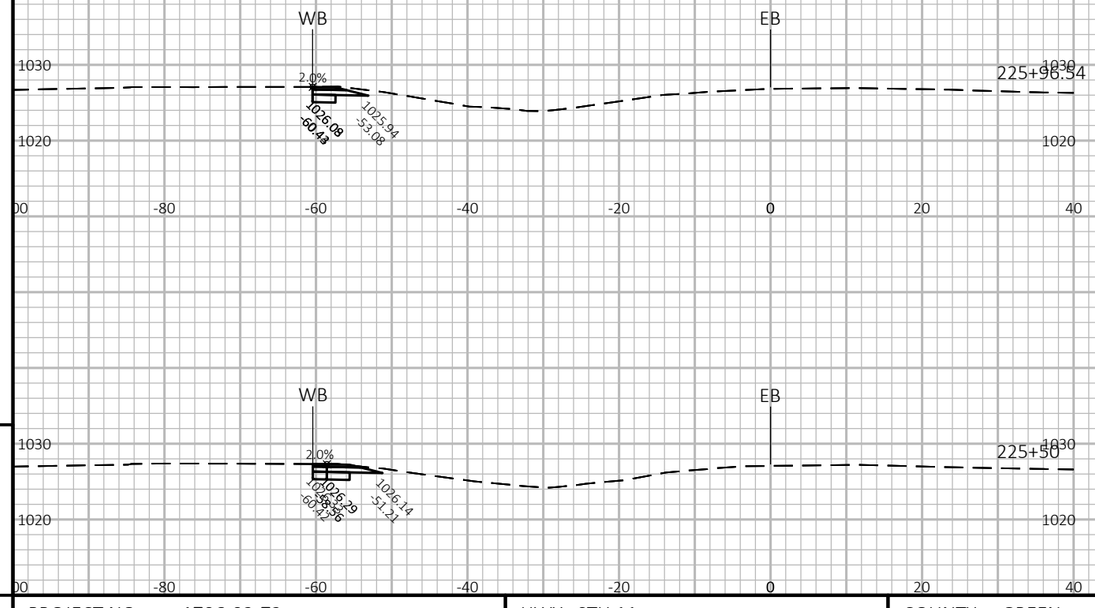






PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER B&C	SHEET 691	E

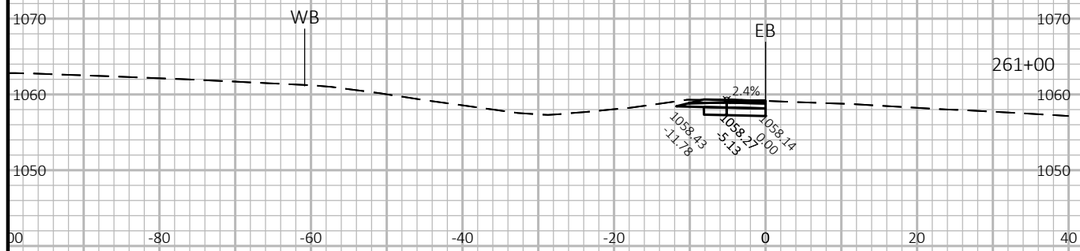
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERB&C.DWG
LAYOUT NAME - CO Ramp B&C (4)
PLOT DATE : 4/5/2018 7:20 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

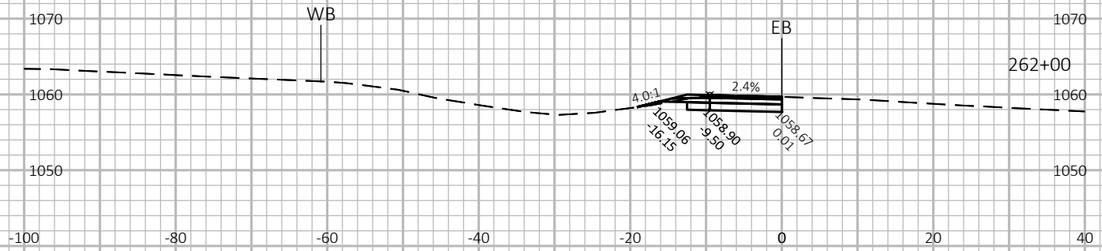


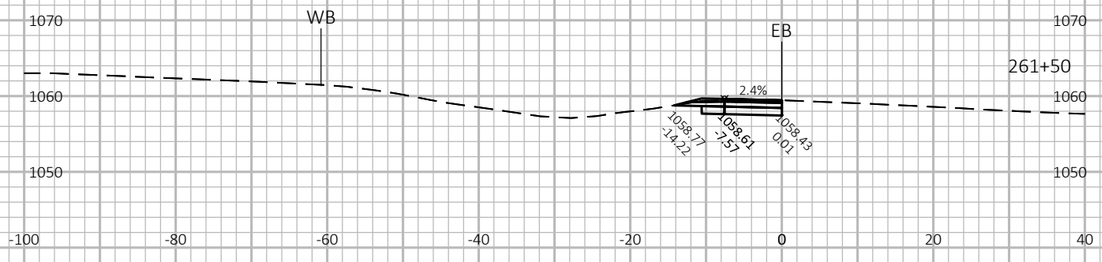
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER B&C	SHEET 692	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERB&C.DWG
LAYOUT NAME - CO Ramp B&C (5)

PLOT DATE : 4/5/2018 7:20 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



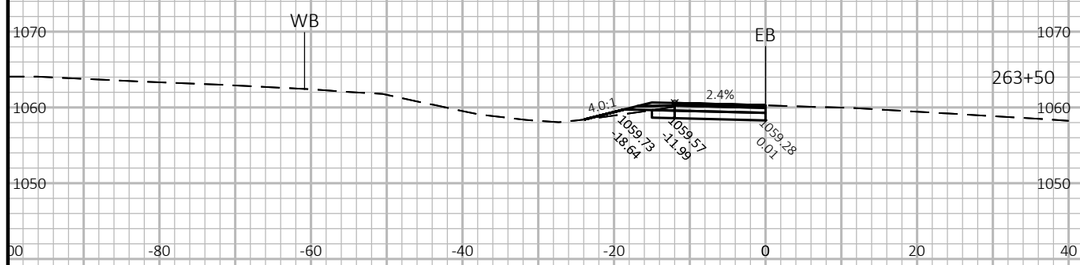


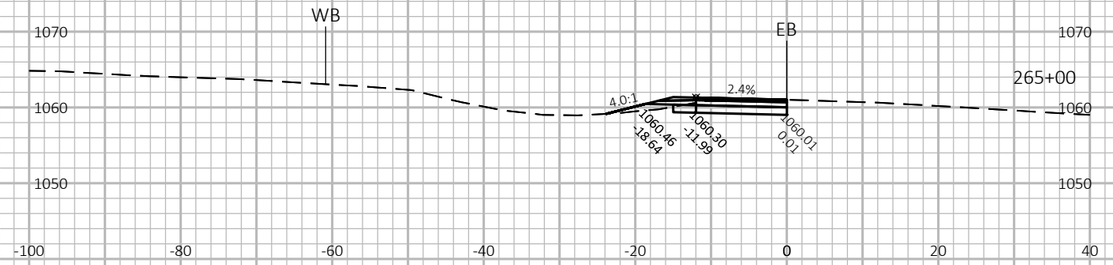


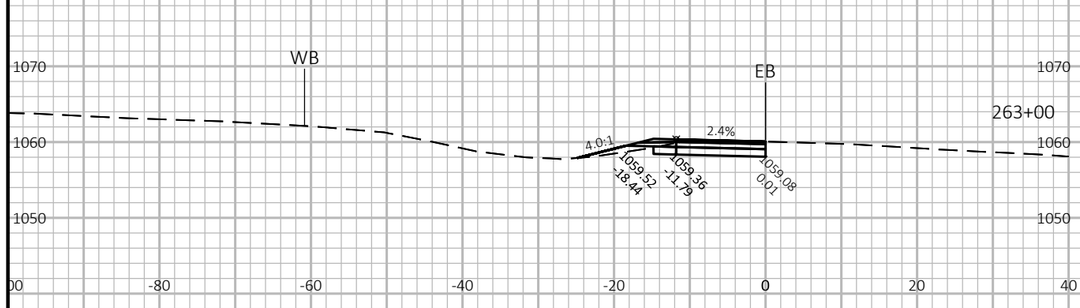
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER D&E	SHEET 693	E

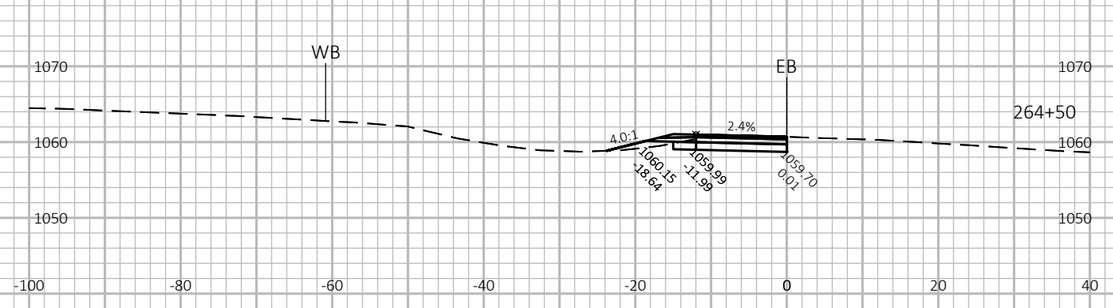
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERD&E.DWG
LAYOUT NAME - CO Ramp D&E - (1)

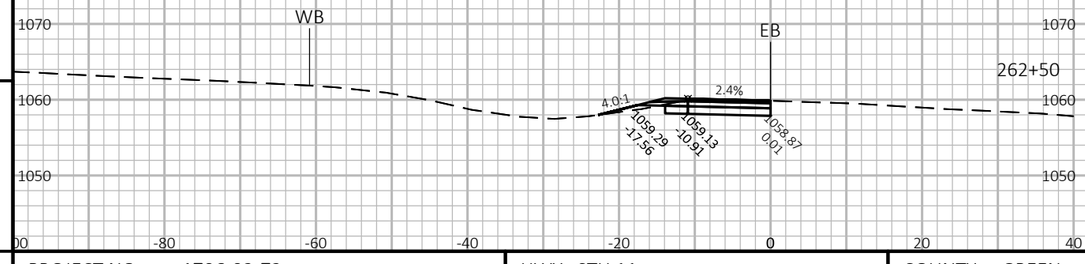
PLOT DATE : 4/5/2018 7:21 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

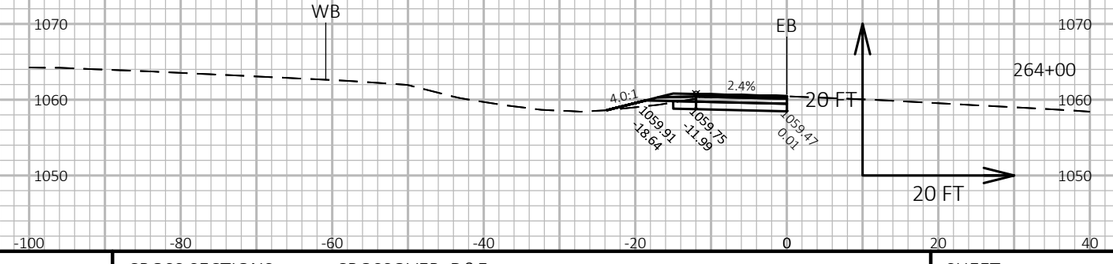






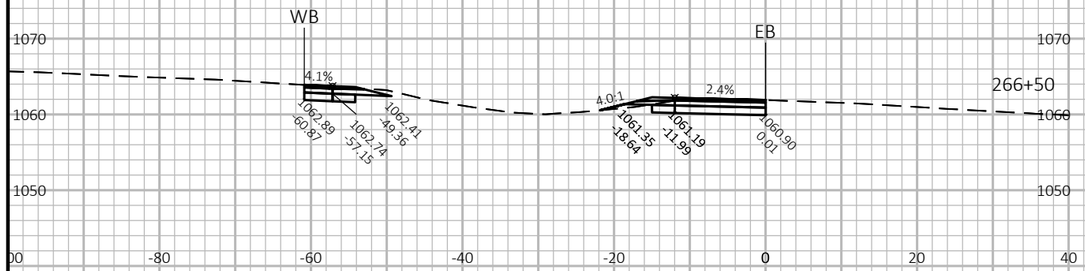


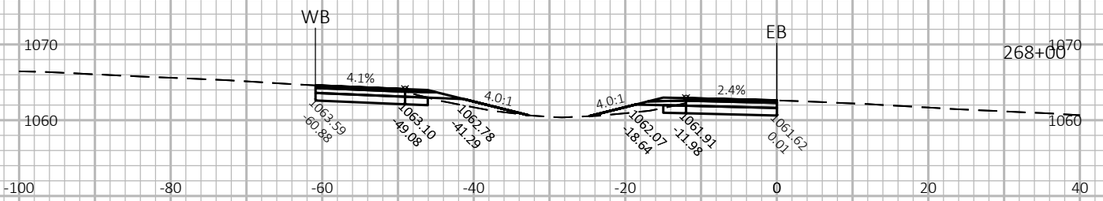


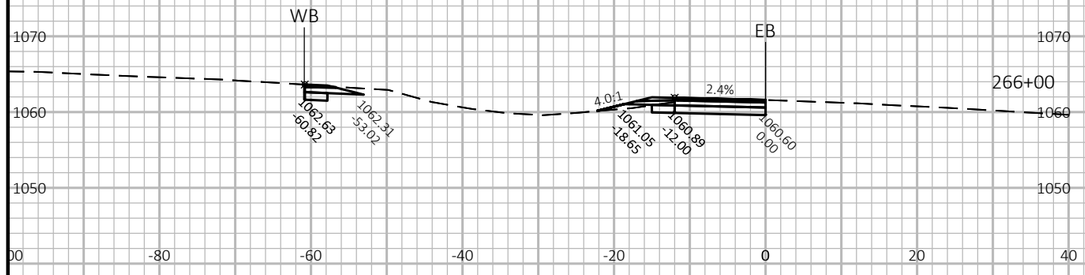


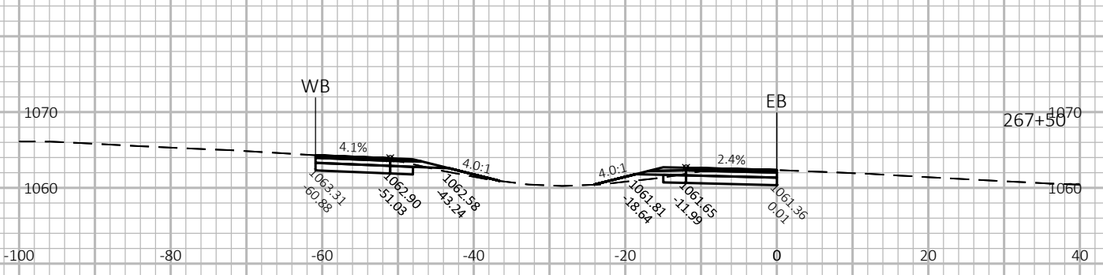
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER D&E	SHEET 694	E

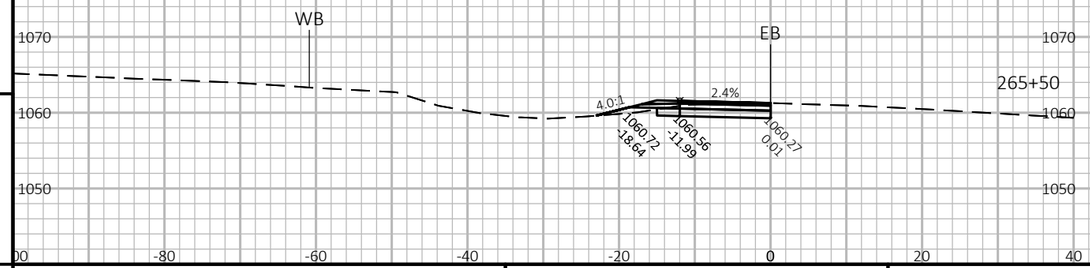
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERD&E.DWG
LAYOUT NAME - CO Ramp D&E - (2)
PLOT DATE : 4/5/2018 7:21 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

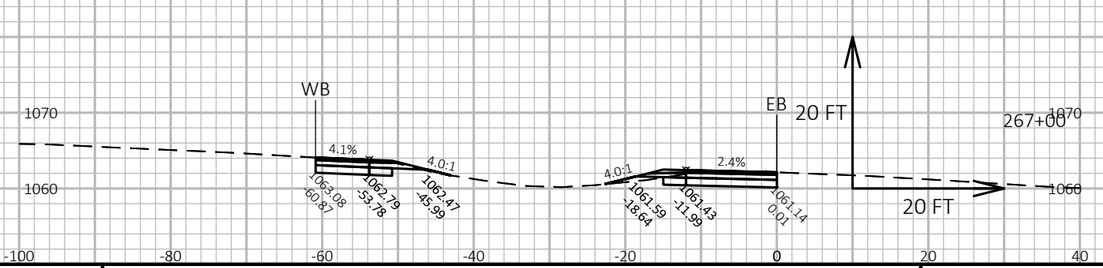








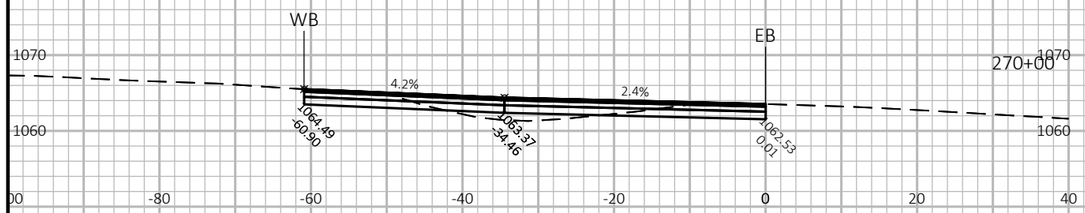


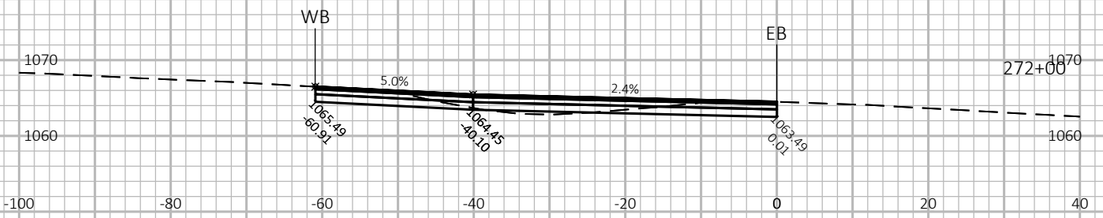


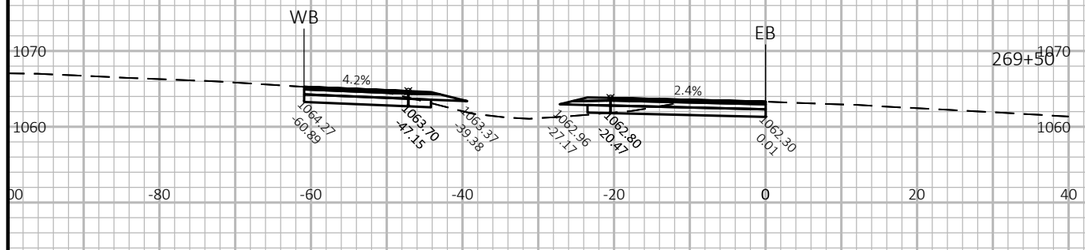
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER D&E	SHEET 695	E

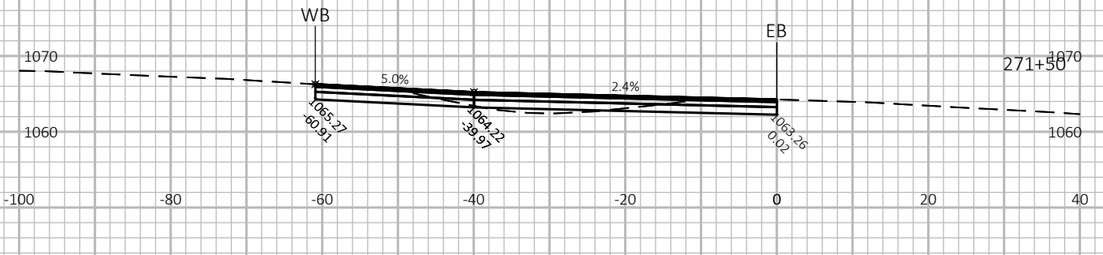
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERD&E.DWG
LAYOUT NAME - CO Ramp D&E - (3)

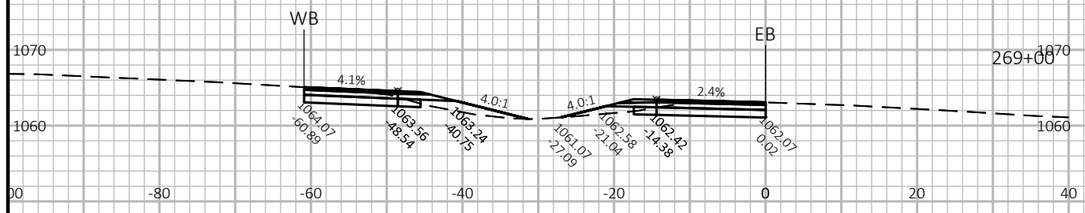
PLOT DATE : 4/5/2018 7:21 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

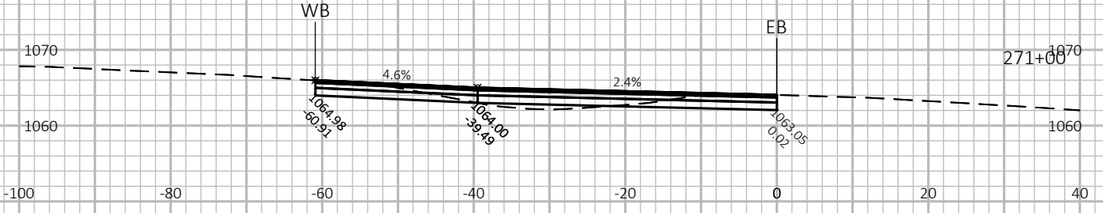


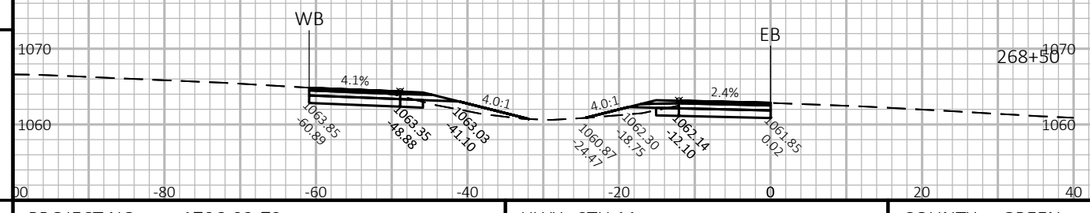


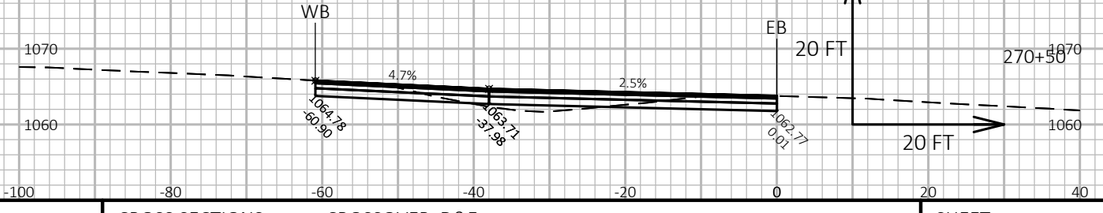








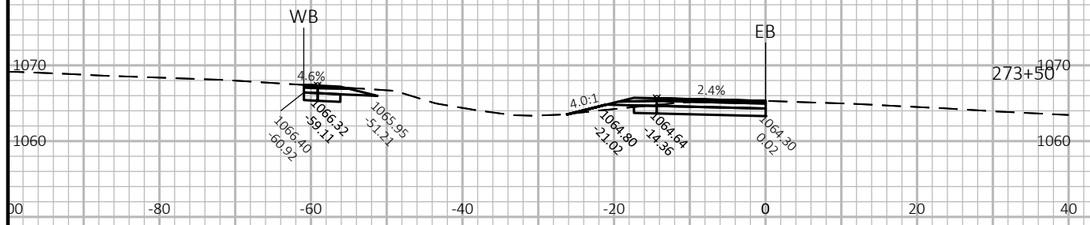


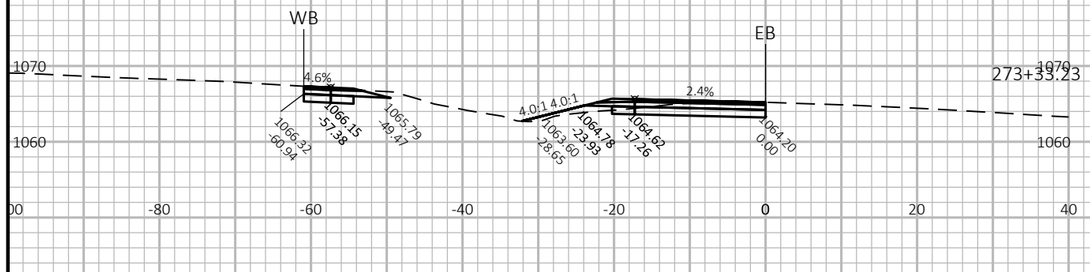


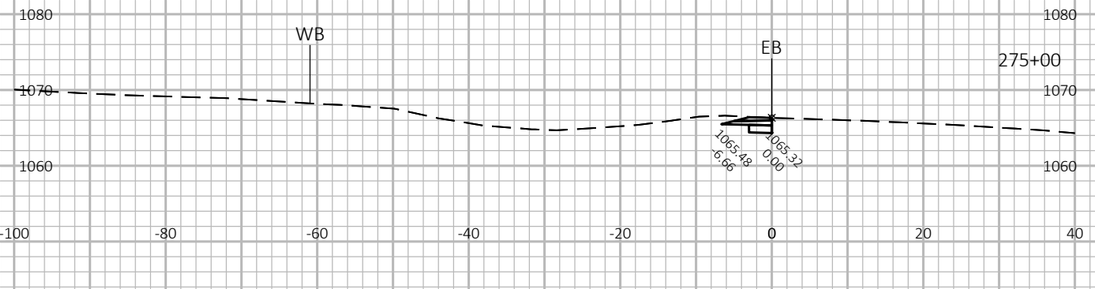
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER D&E	SHEET 696	E

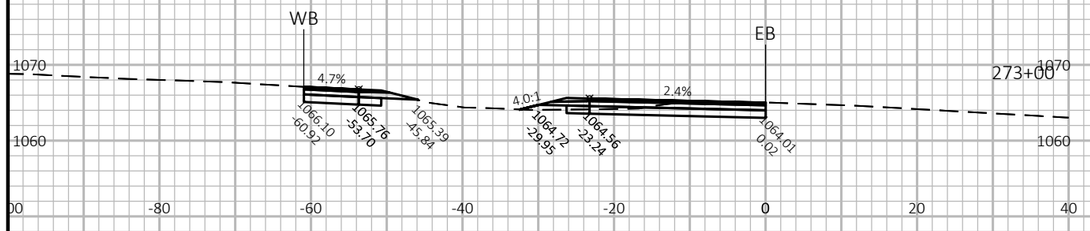
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERD&E.DWG
LAYOUT NAME - CO Ramp D&E - (4)

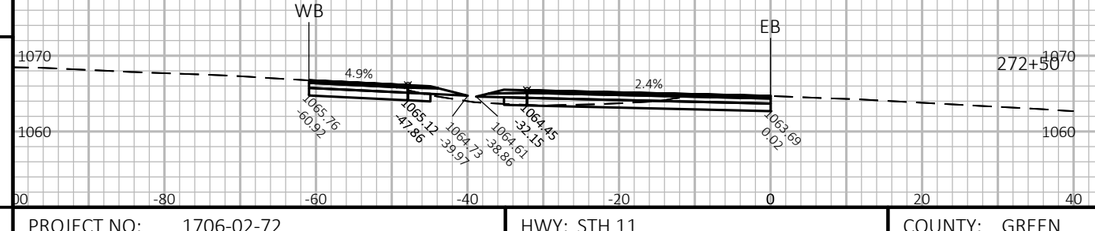
PLOT DATE : 4/5/2018 7:21 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.







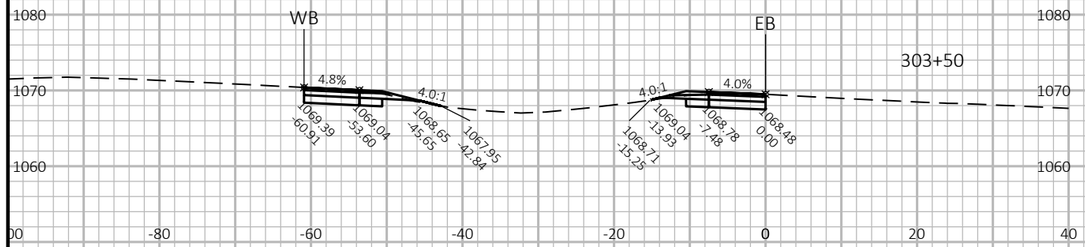


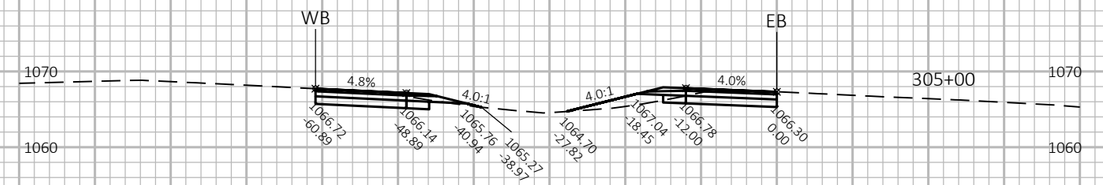


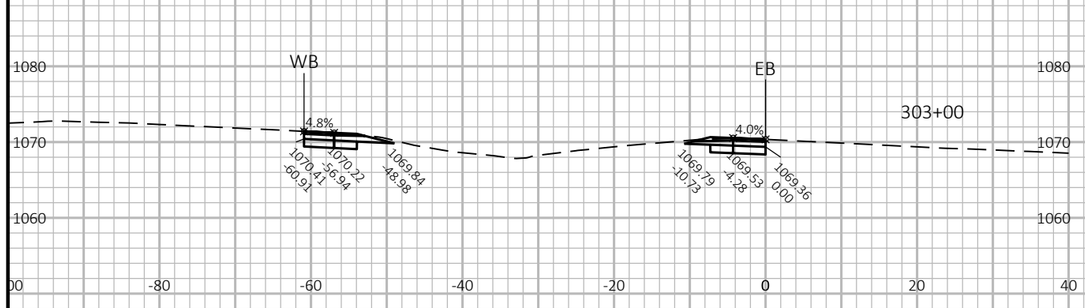
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER D&E	SHEET 697	E

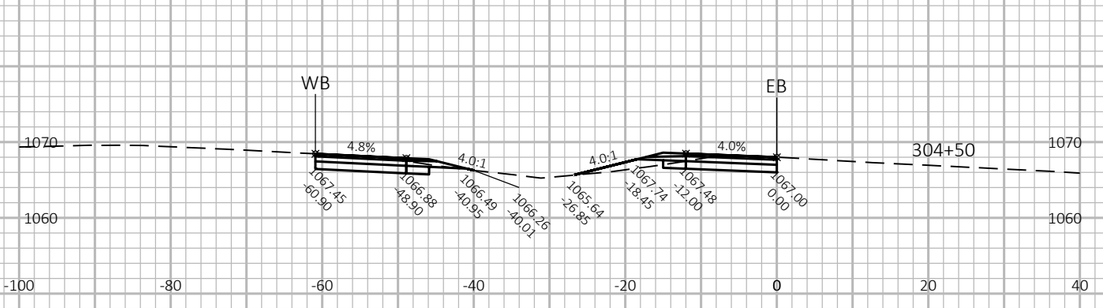
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERD&E.DWG
LAYOUT NAME - CO Ramp D&E- (5)

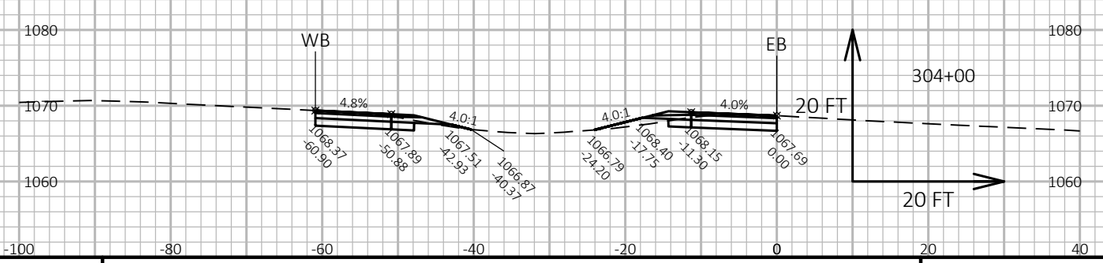
PLOT DATE : 4/5/2018 7:21 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.







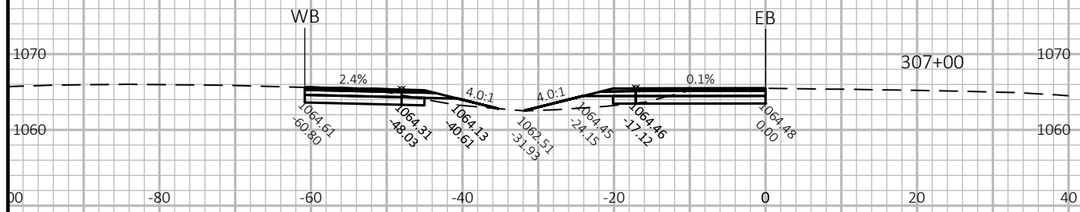


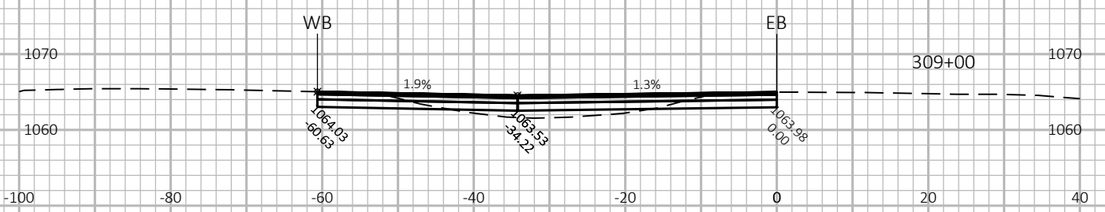


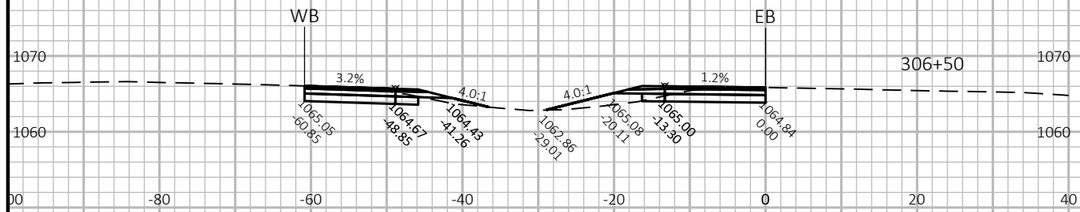
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER F&G	SHEET 698	E

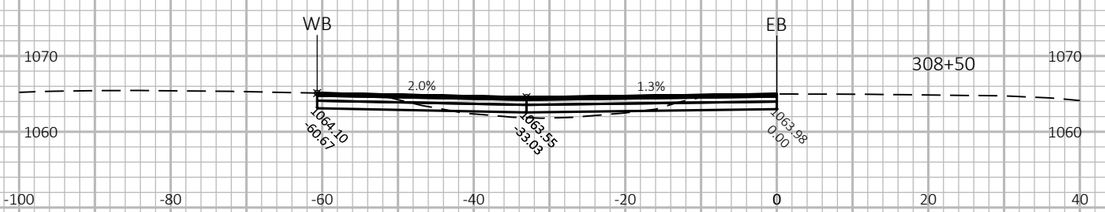
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERF&G.DWG
LAYOUT NAME - CO Ramp F&G - (1)

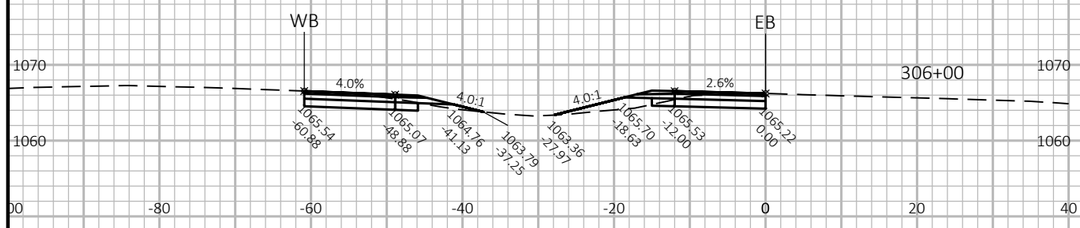
PLOT DATE : 4/5/2018 7:22 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

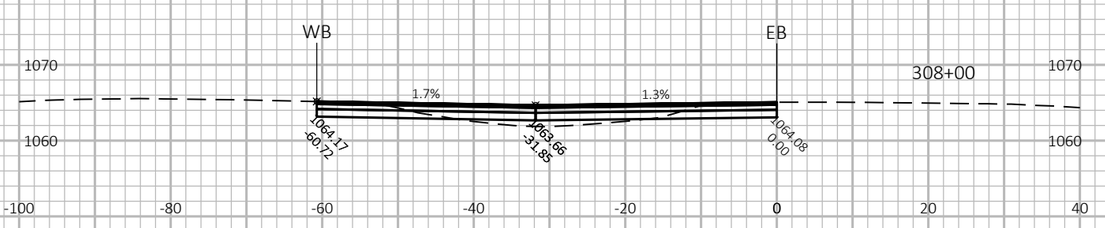


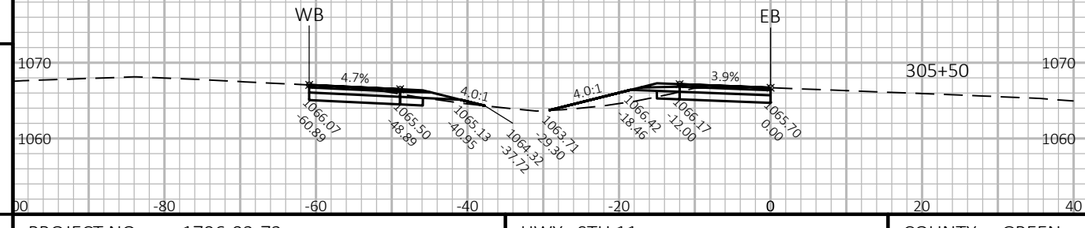


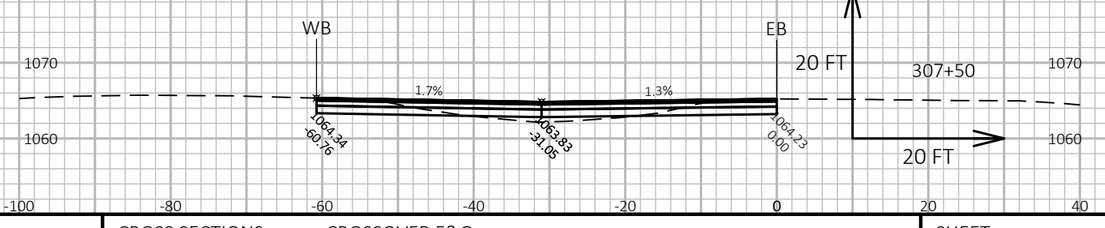












PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER F&G	SHEET 699 E

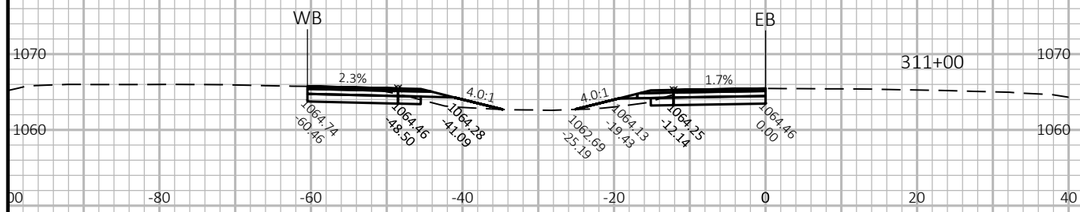
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERF&G.DWG
LAYOUT NAME - CO Ramp F&G - (2)

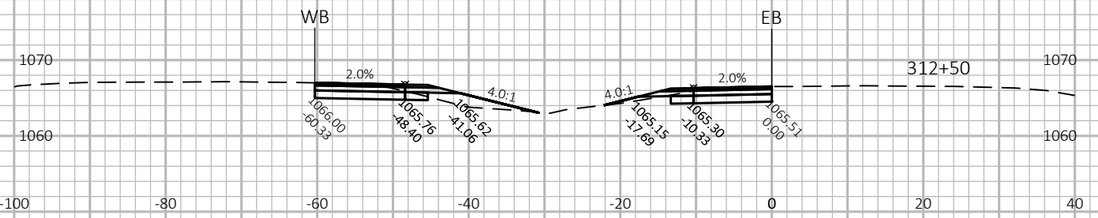
PLOT DATE : 4/5/2018 7:22 AM

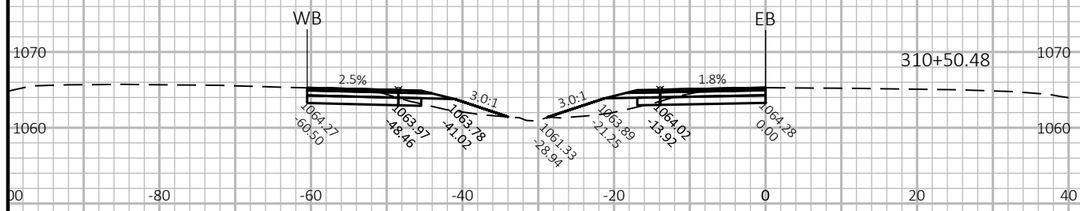
PLOT BY : KOENIG, DELLA M

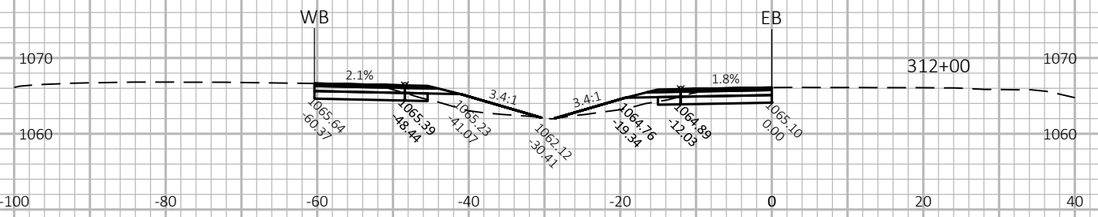
PLOT NAME :

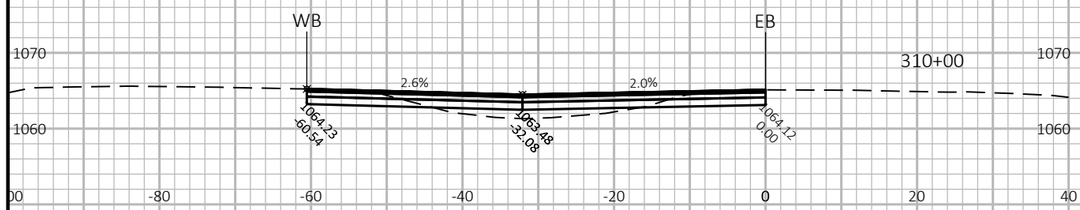
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

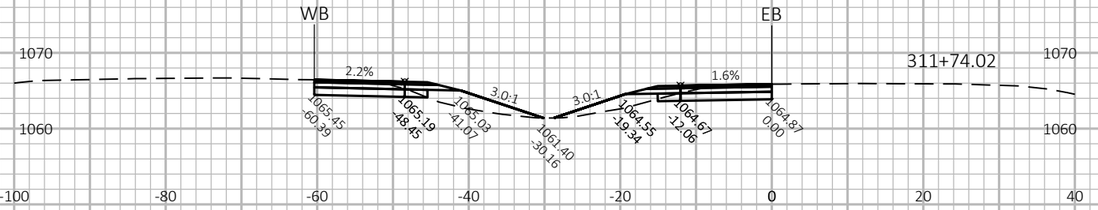


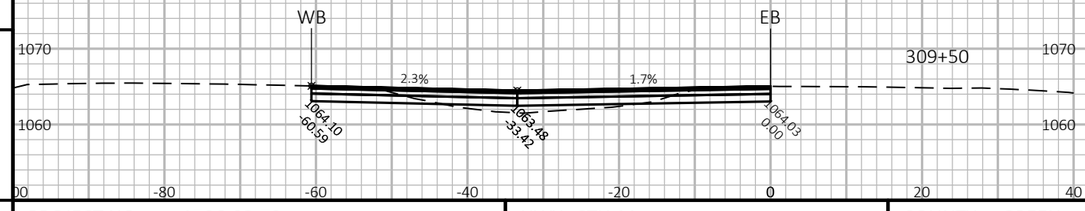


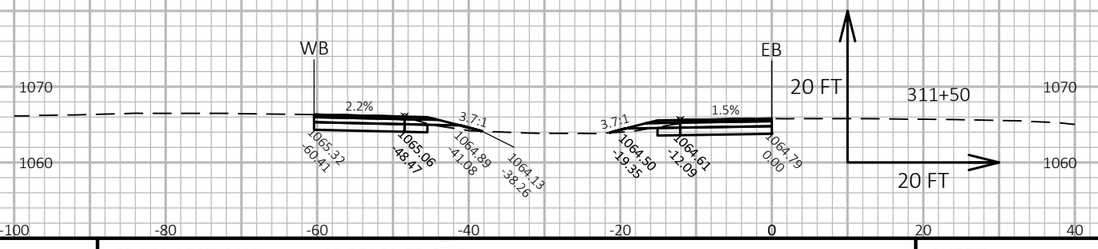






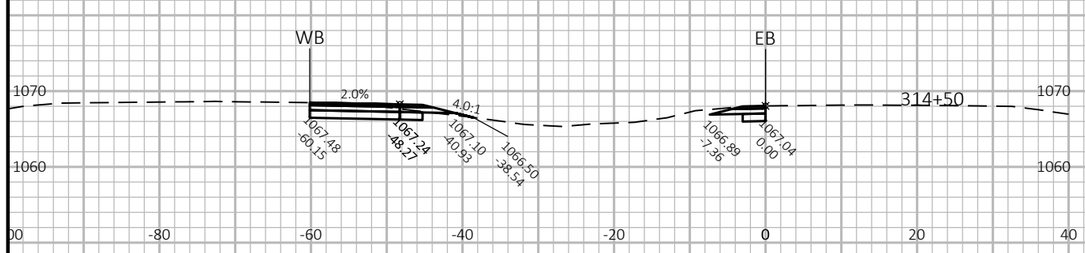


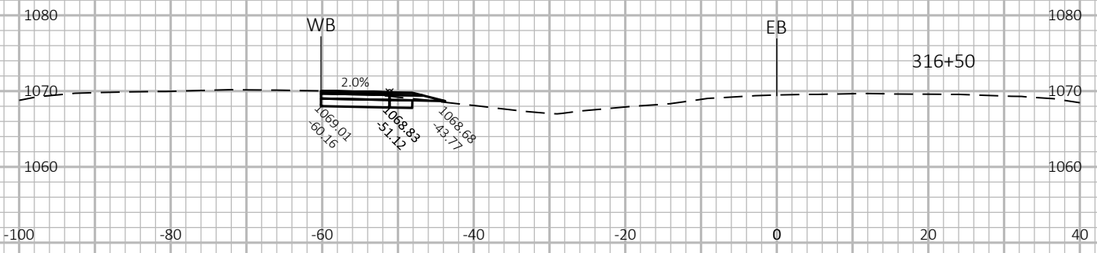


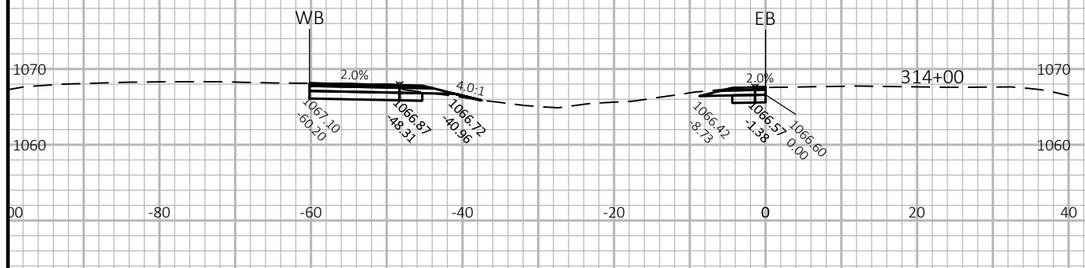


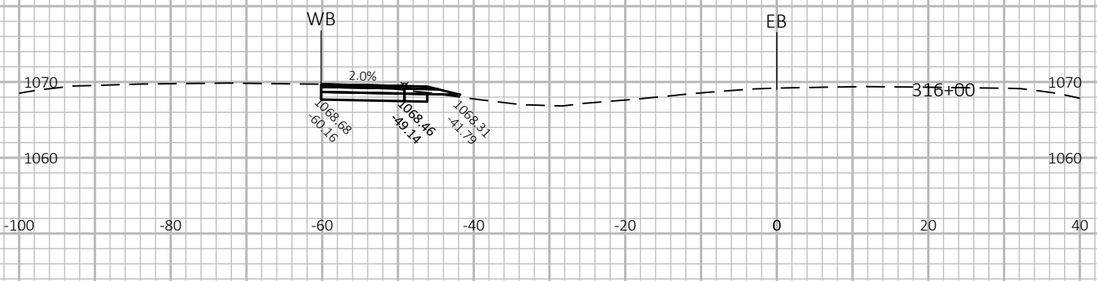
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER F&G	SHEET 700	E

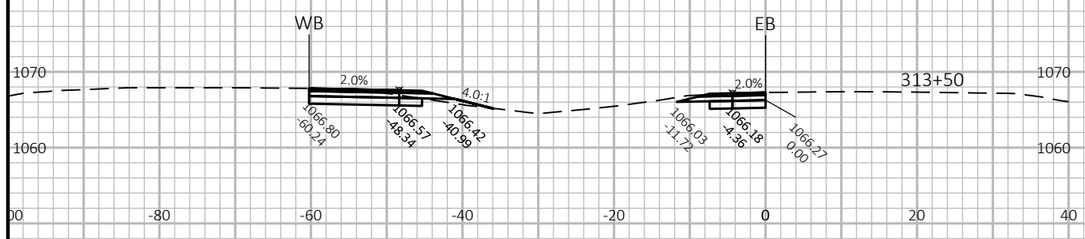
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERF&G.DWG
LAYOUT NAME - CO Ramp F&G - (3)
PLOT DATE : 4/5/2018 7:22 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

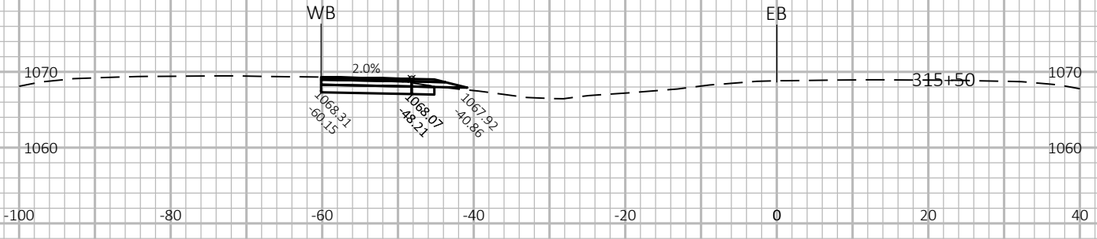


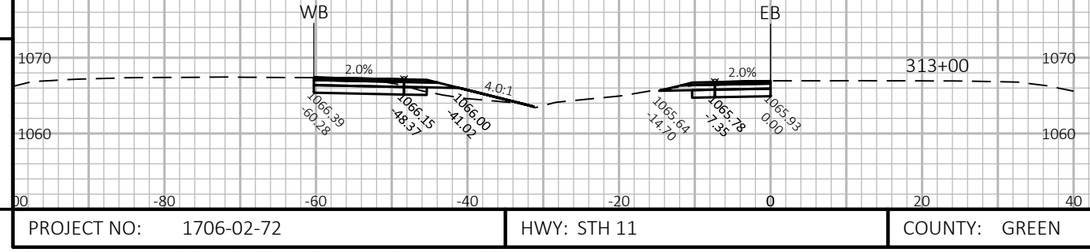


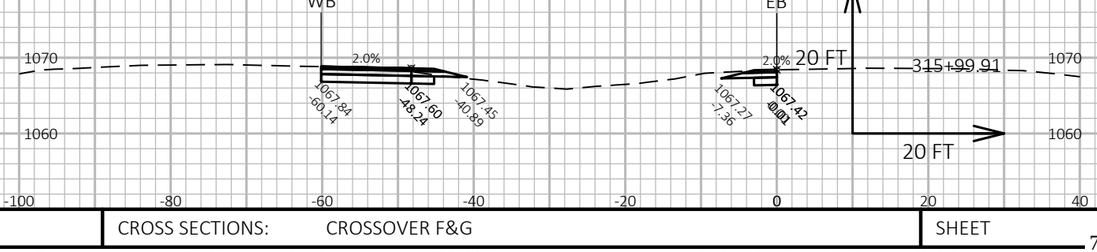








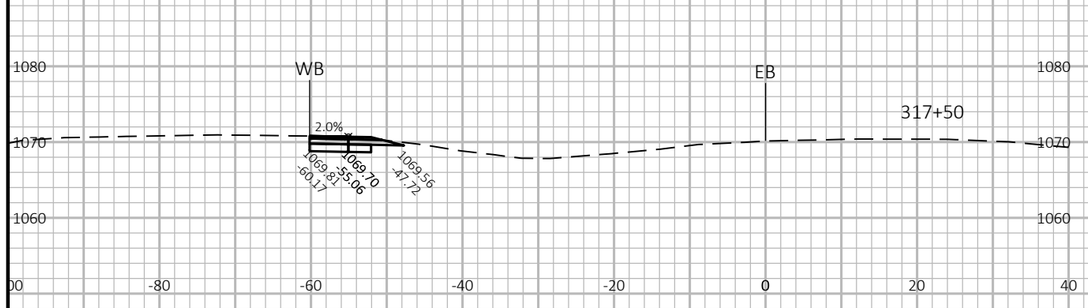


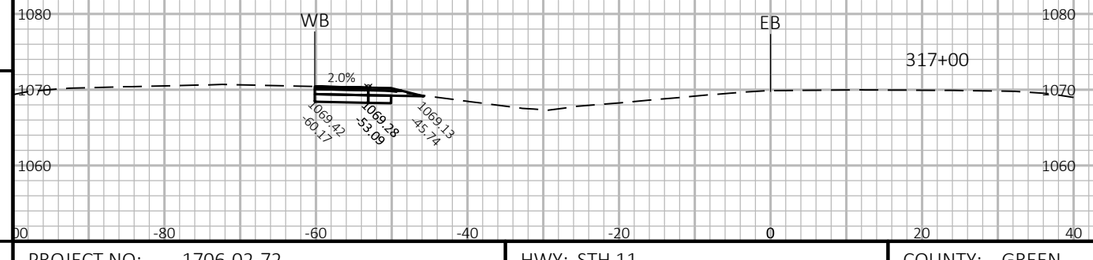


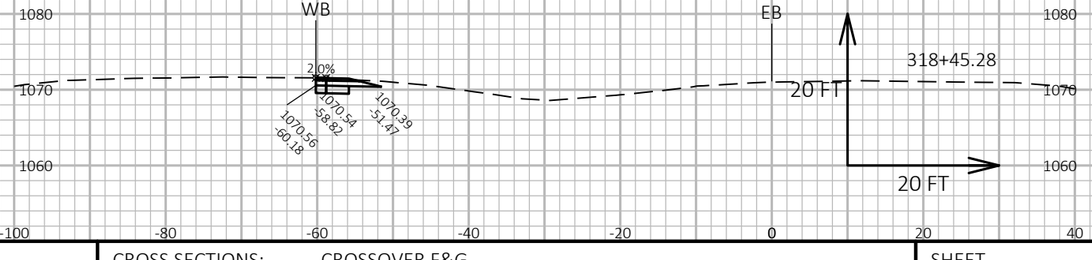
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER F&G	SHEET 701 E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERF&G.DWG
LAYOUT NAME - CO Ramp F&G - (4)

PLOT DATE : 4/5/2018 7:22 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

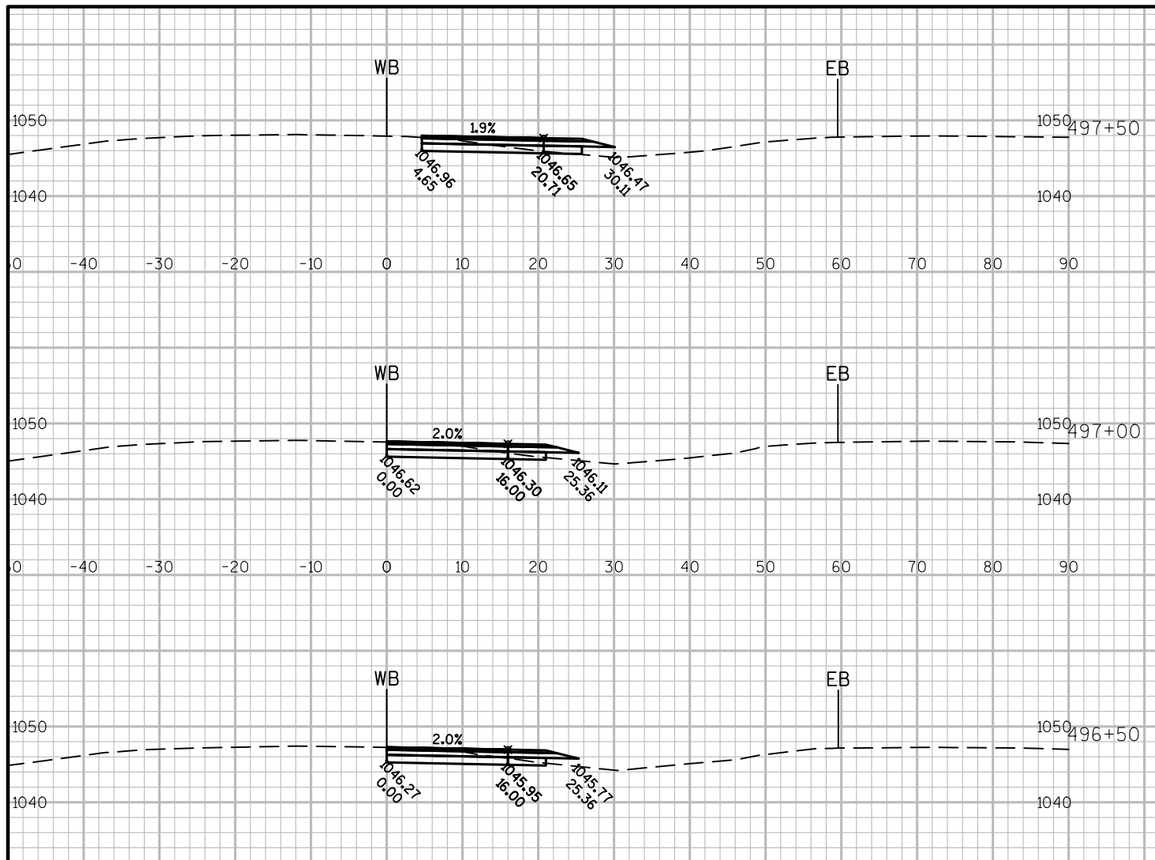


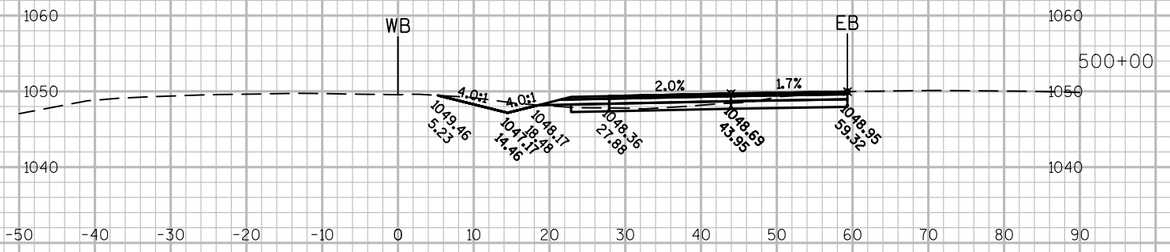


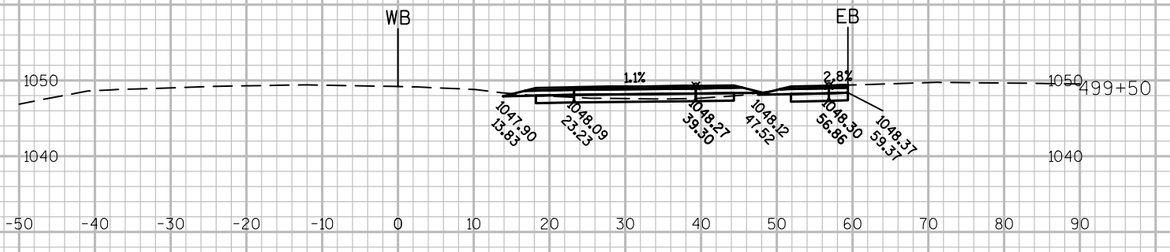


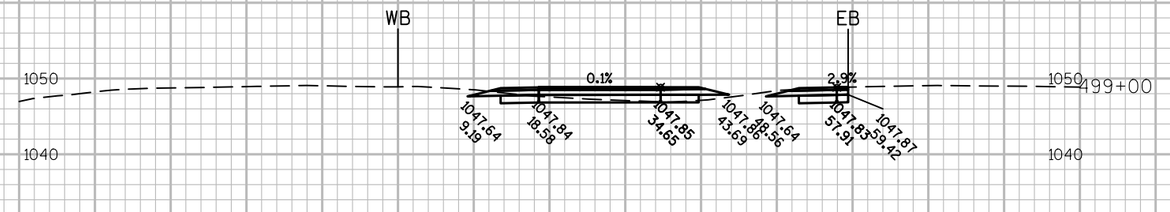
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER F&G	SHEET 702	E

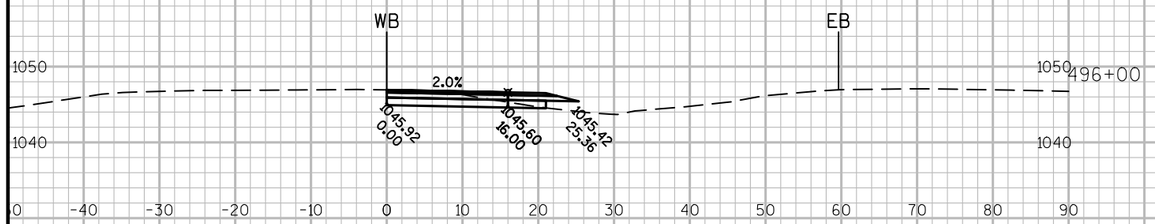
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERF&G.DWG
LAYOUT NAME - CO Ramp F&G - (5)
PLOT DATE : 4/5/2018 7:22 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

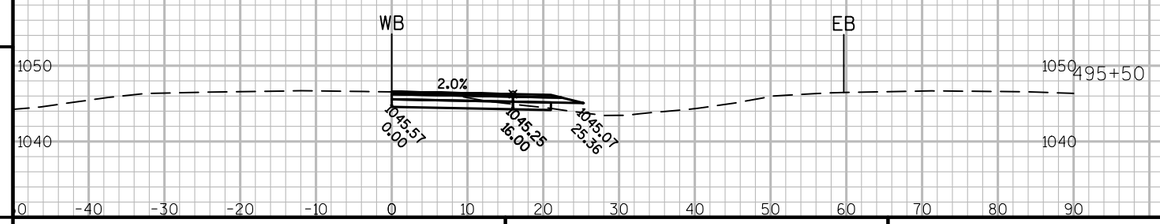


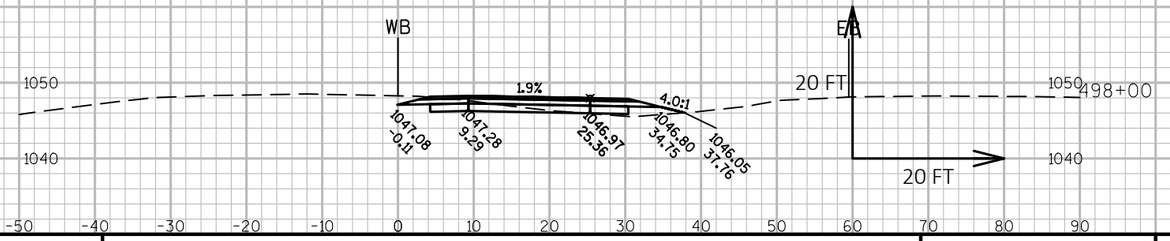










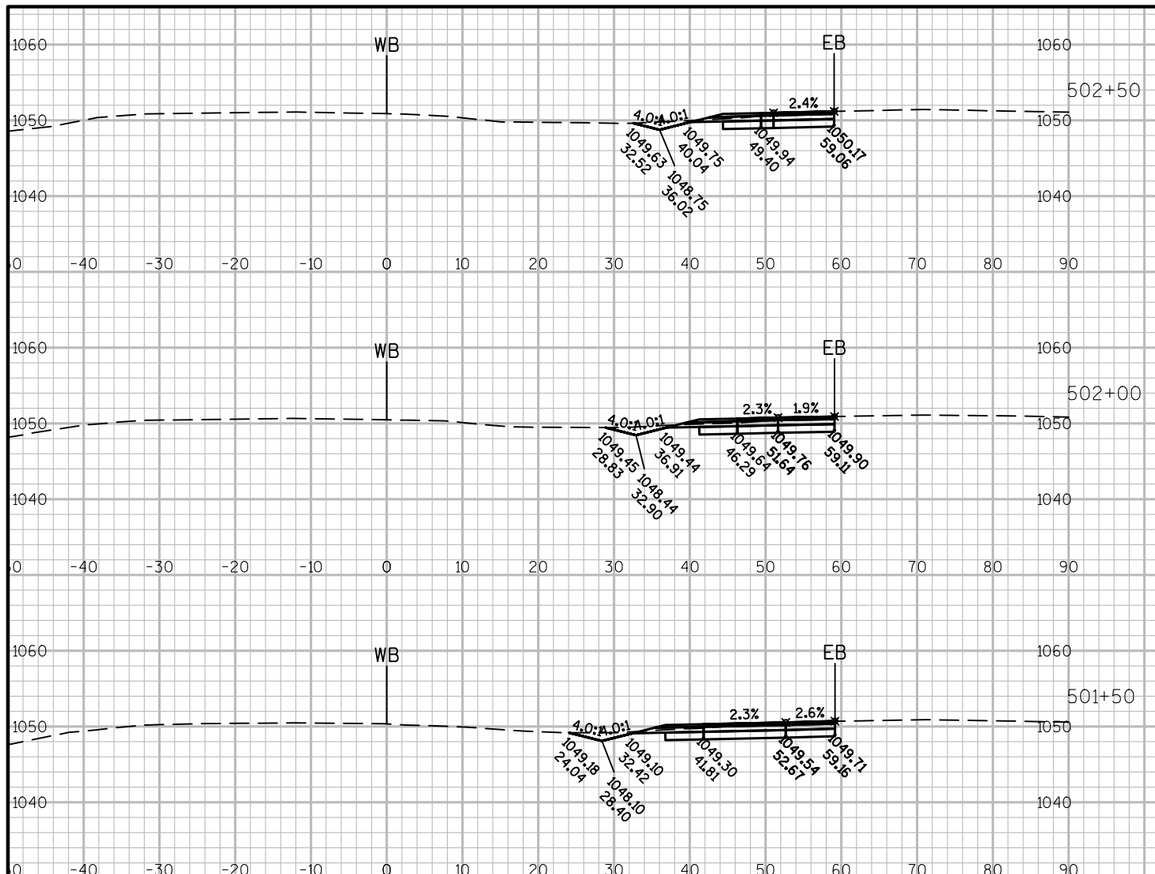


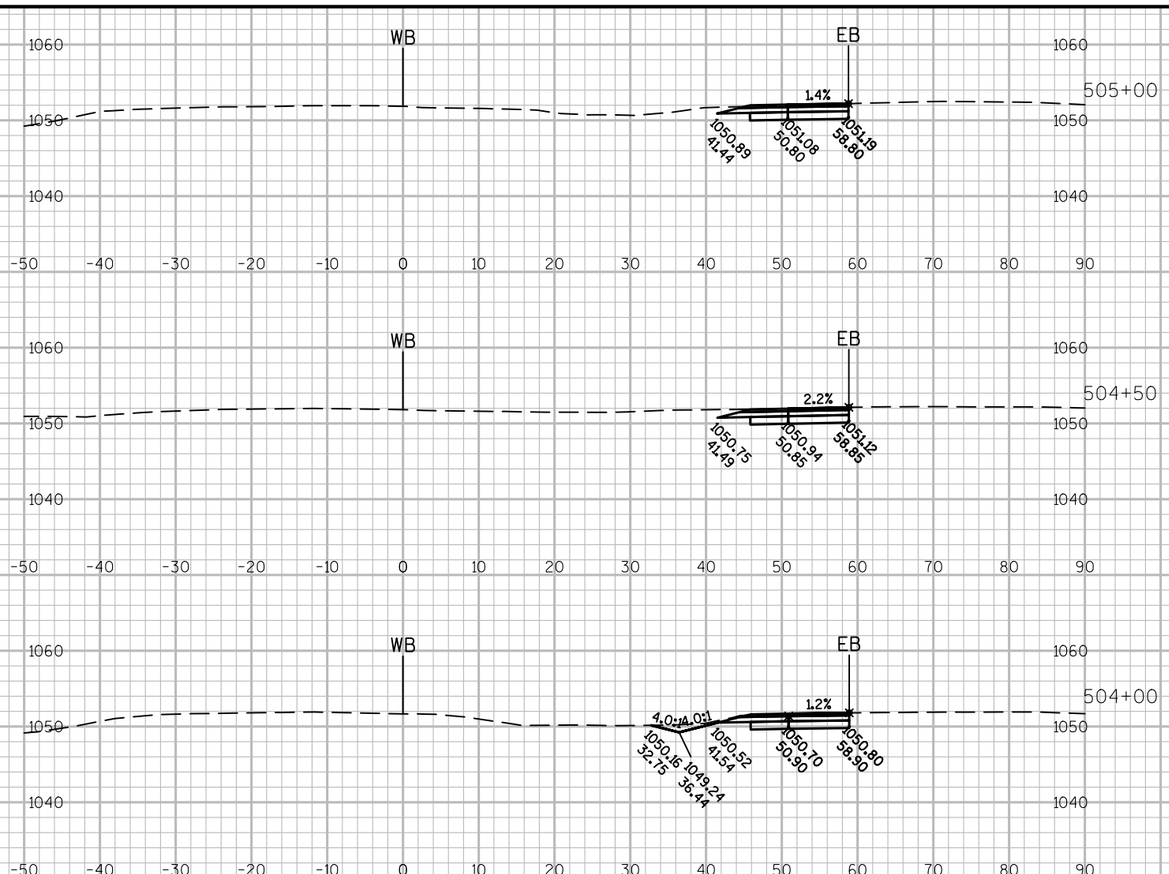
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER H&I	SHEET 703	E

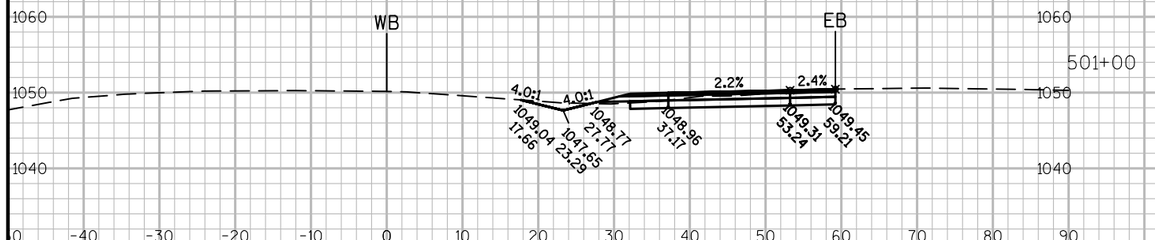
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO H&I- (1)

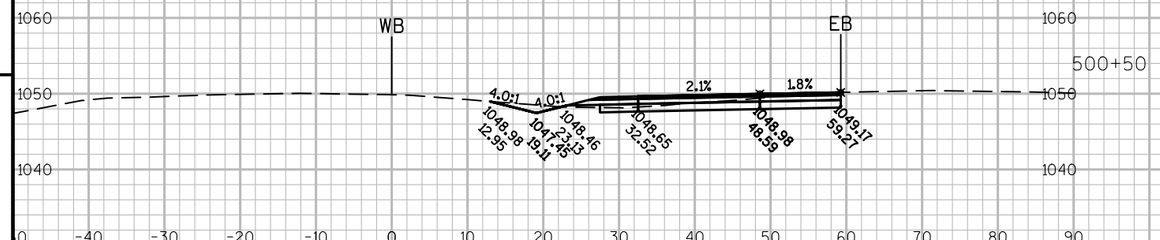
PLOT DATE : 4/5/2018 7:22 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

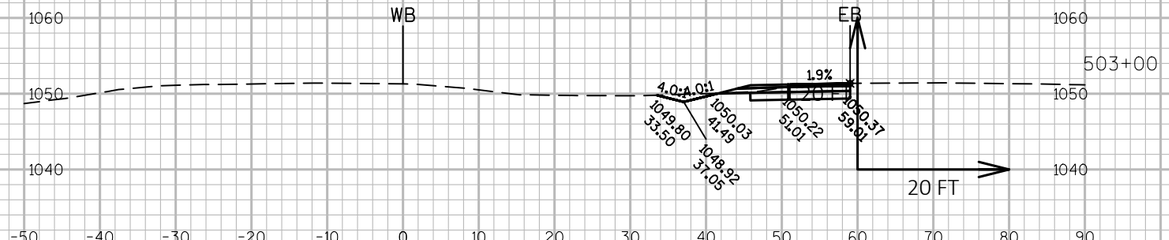
WISDOT/CADDS SHEET 49







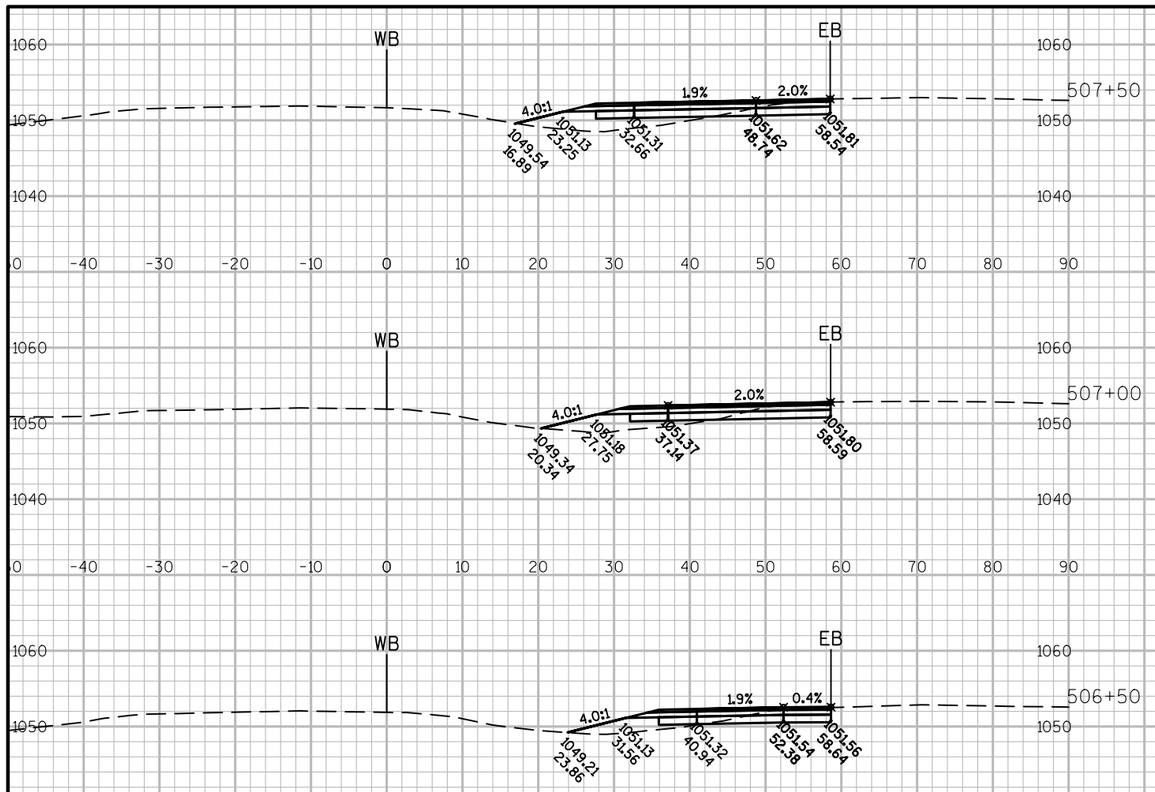


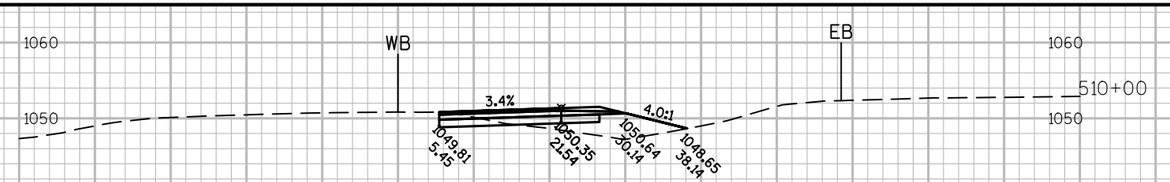


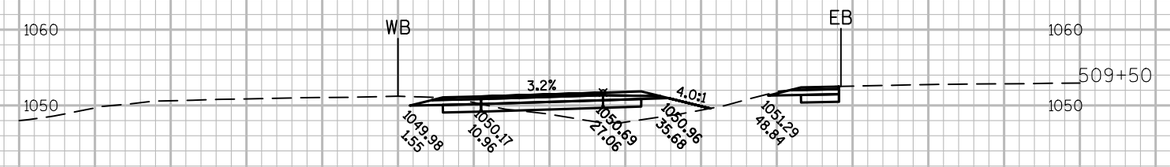
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER H&I	SHEET 704	E

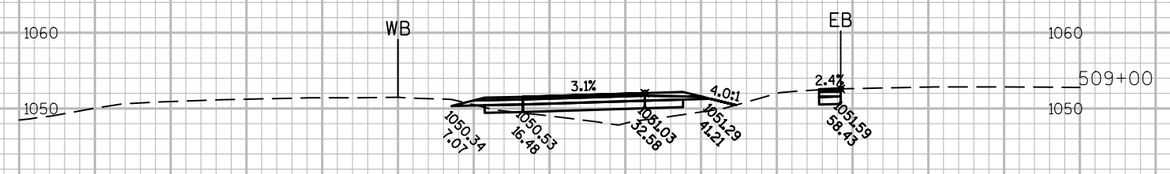
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO H&I- (2)

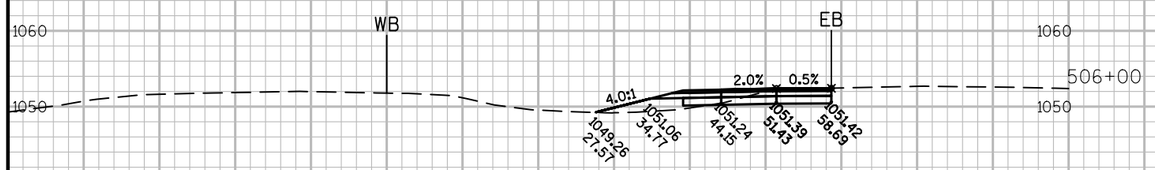
PLOT DATE : 4/5/2018 7:23 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

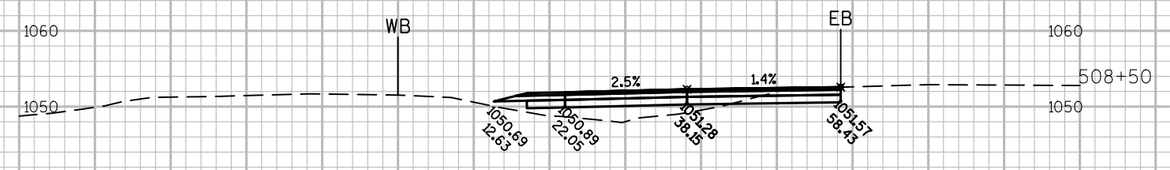


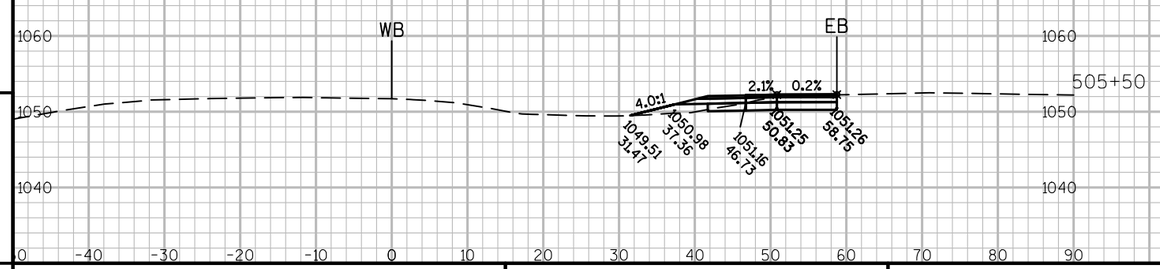


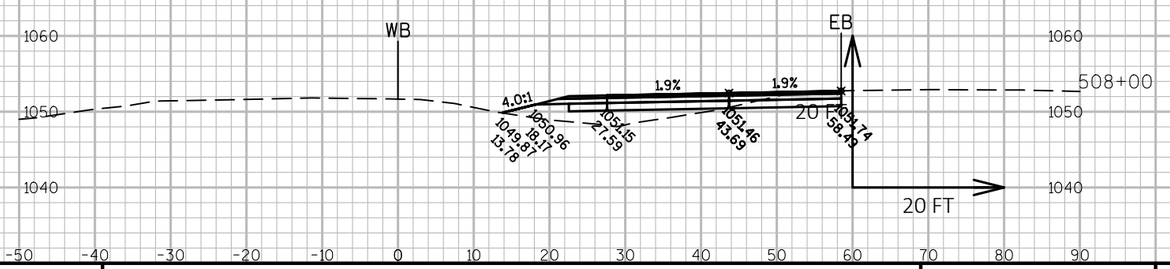










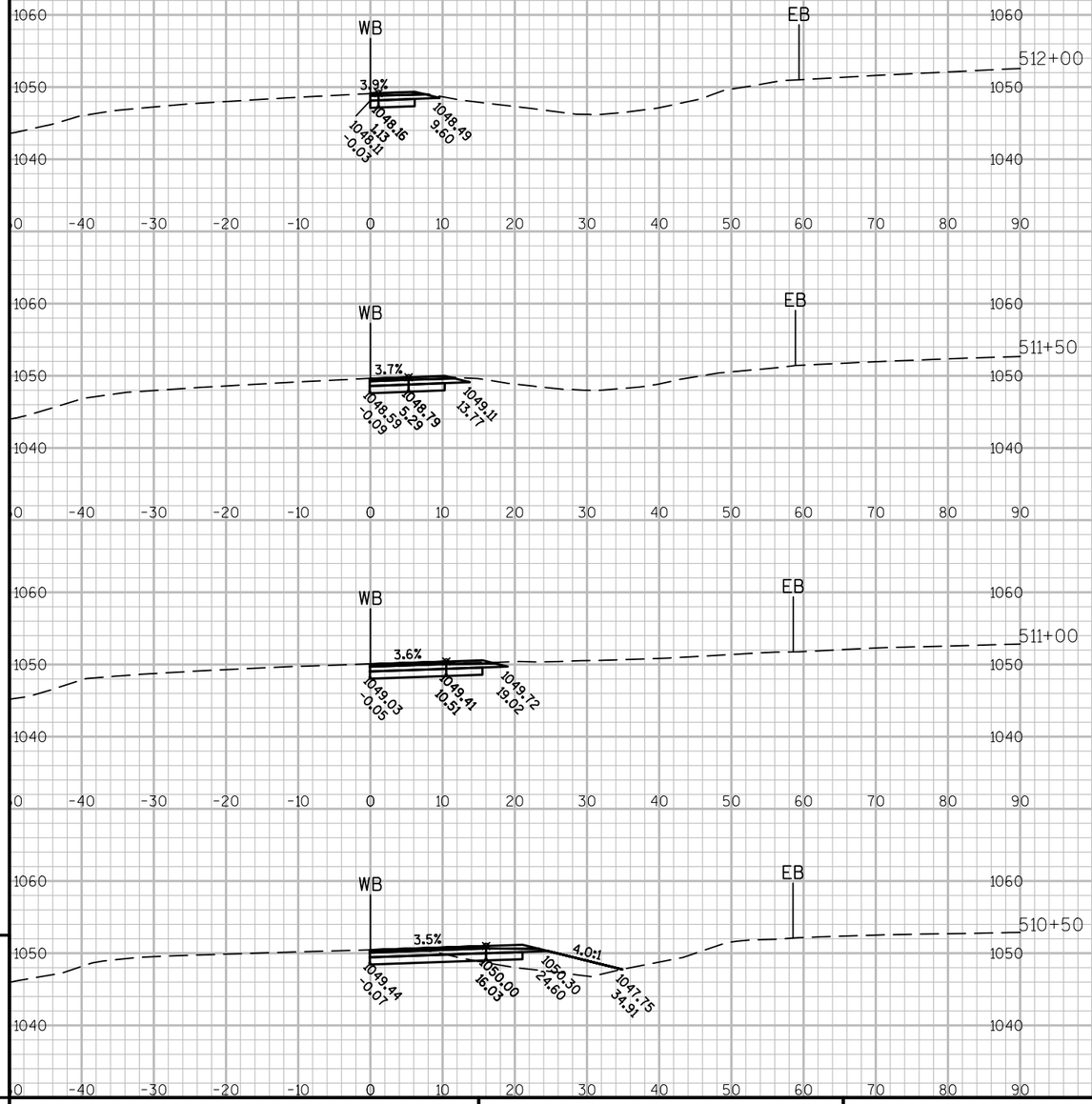


PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER H&I	SHEET 705	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO H&I- (3)

PLOT DATE : 4/5/2018 7:23 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

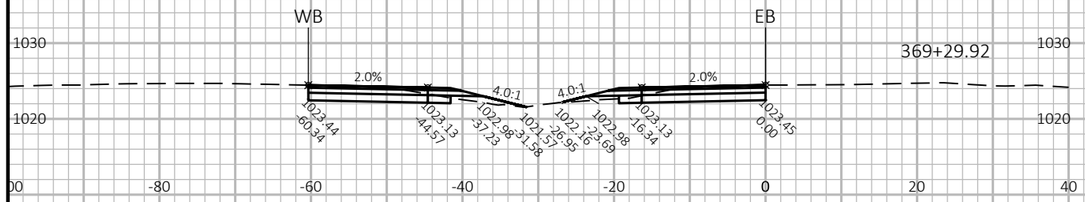
WISDOT/CADDS SHEET 49

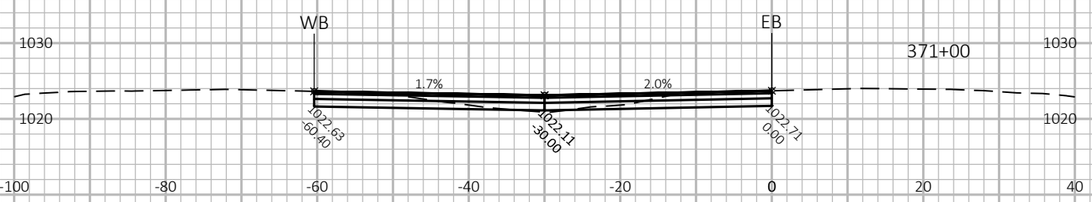


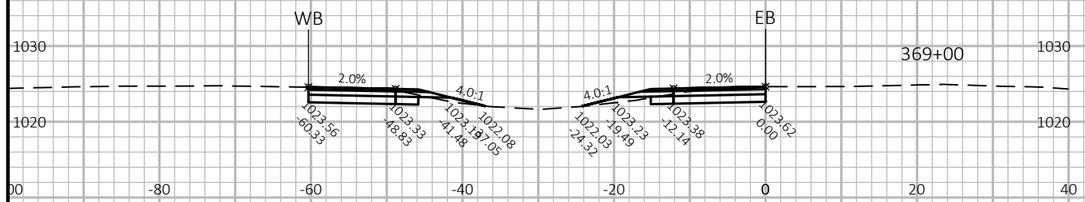
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER H&I	SHEET 706	E

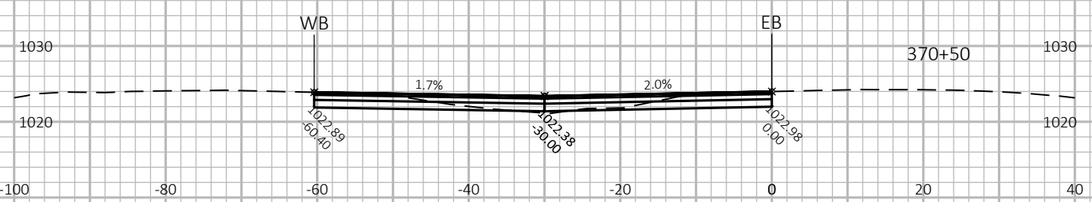
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERS.DWG
LAYOUT NAME - CO H&I- (4)

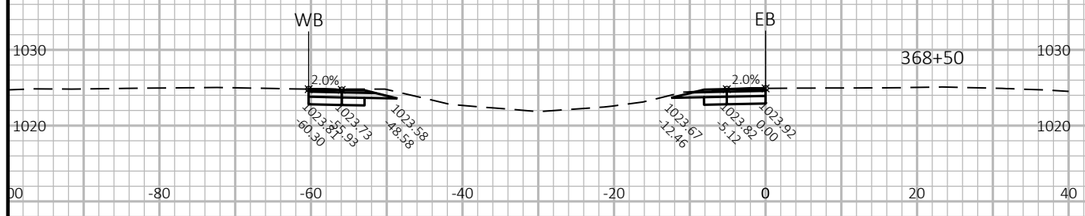
PLOT DATE : 4/5/2018 7:24 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

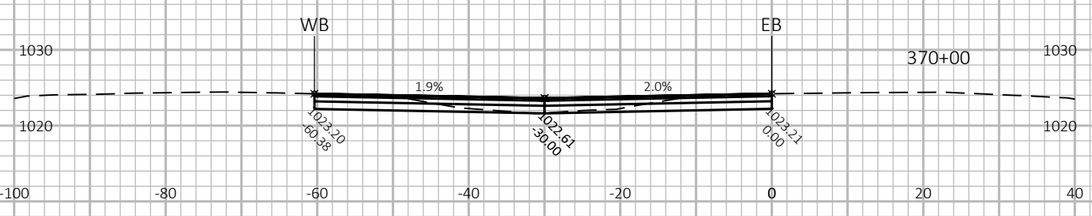


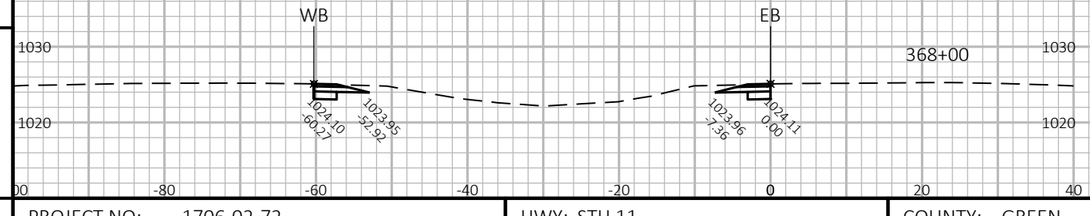


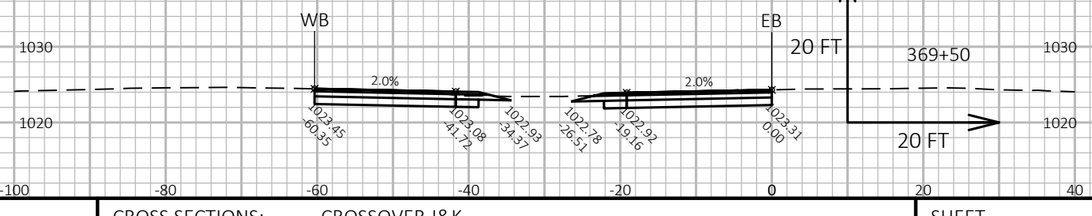






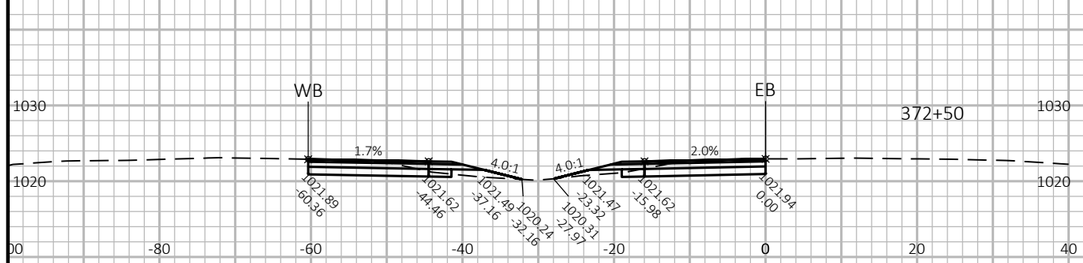


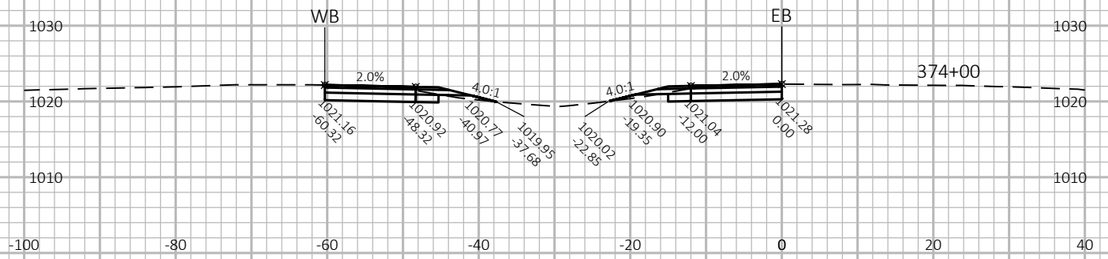


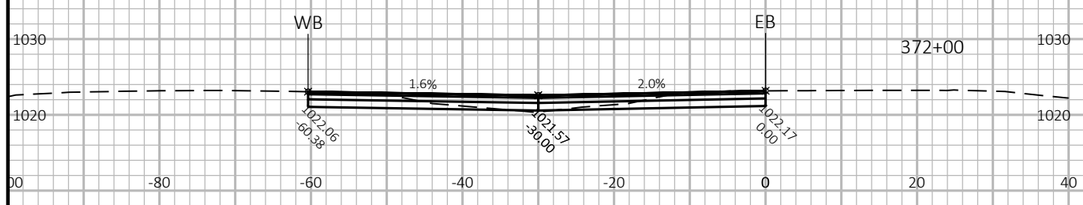


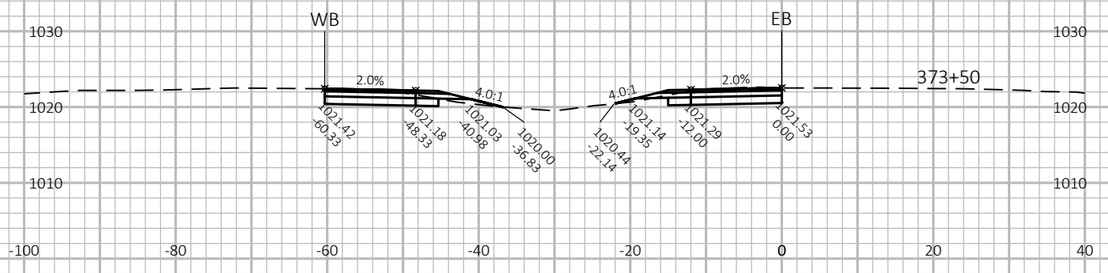
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER J&K	SHEET 707	E

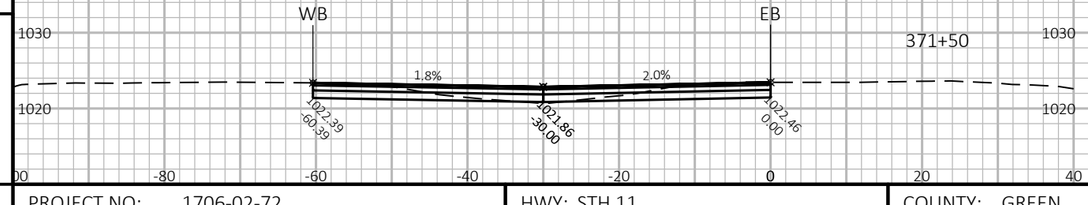
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERJ&K.DWG
LAYOUT NAME - CO H&I - (1)
PLOT DATE : 4/5/2018 7:24 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

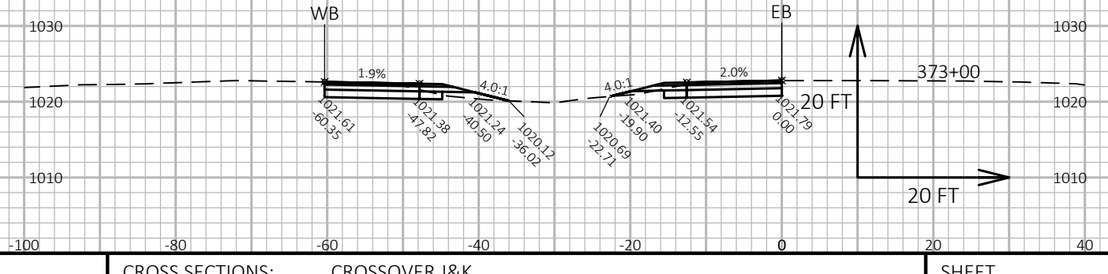






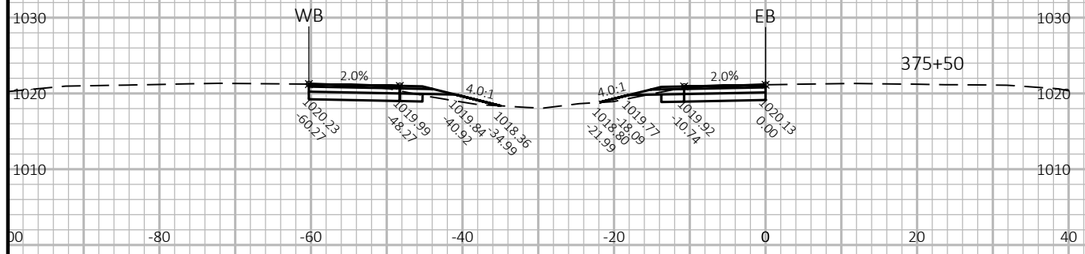


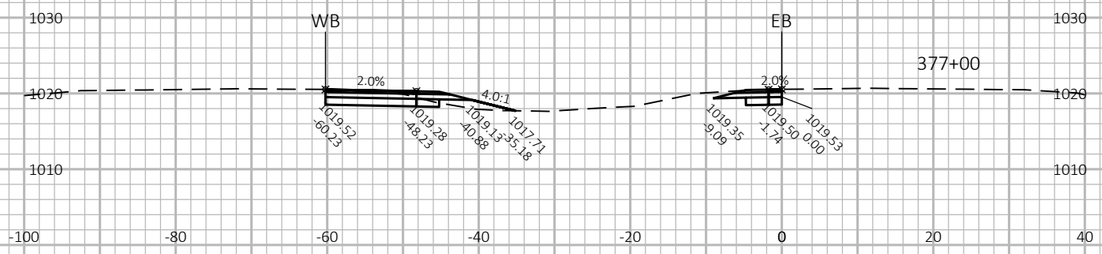


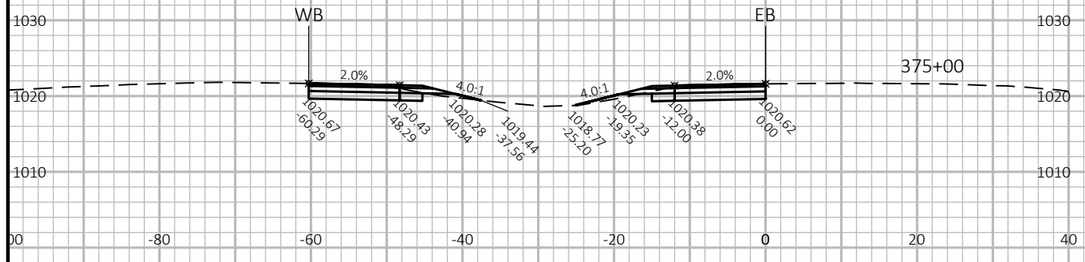


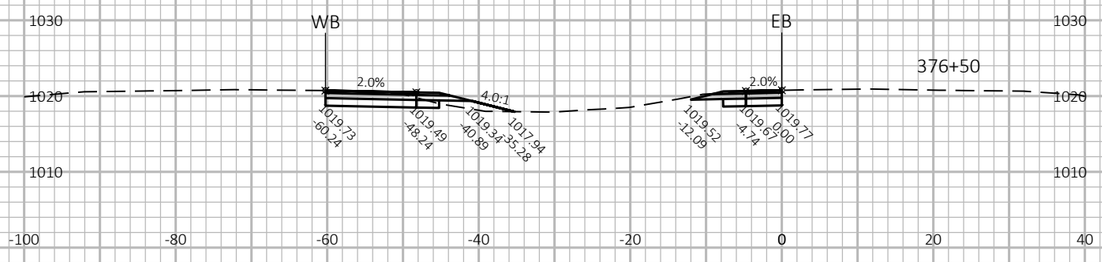
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER J&K	SHEET 708 E

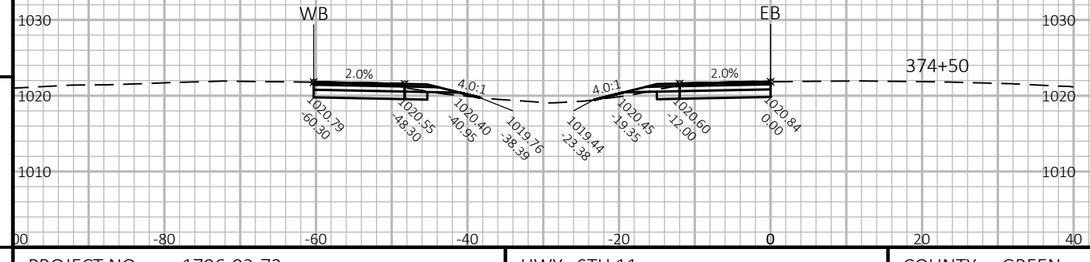
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERJ&K.DWG
LAYOUT NAME - CO H&I - (2)
PLOT DATE : 4/5/2018 7:24 AM
PLOT BY : KOENIG, DELLA M
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

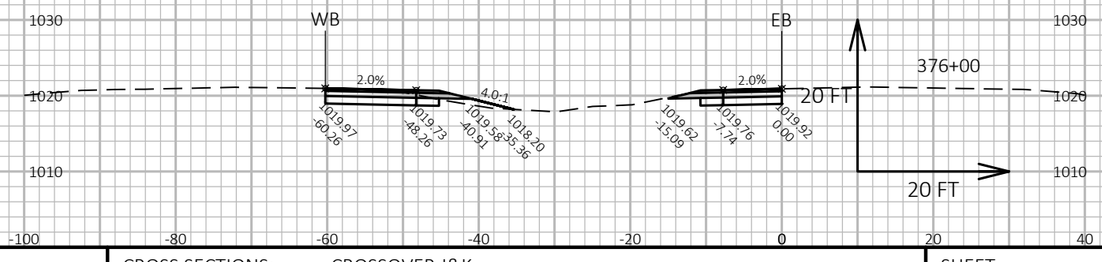












PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER J&K	SHEET 709	E

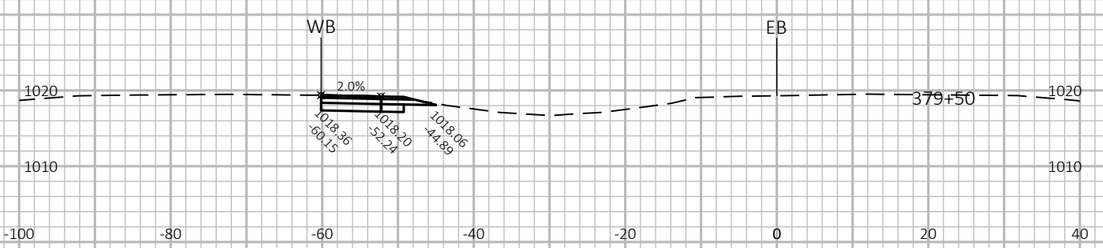
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERJ&K.DWG
LAYOUT NAME - CO H&I - (3)

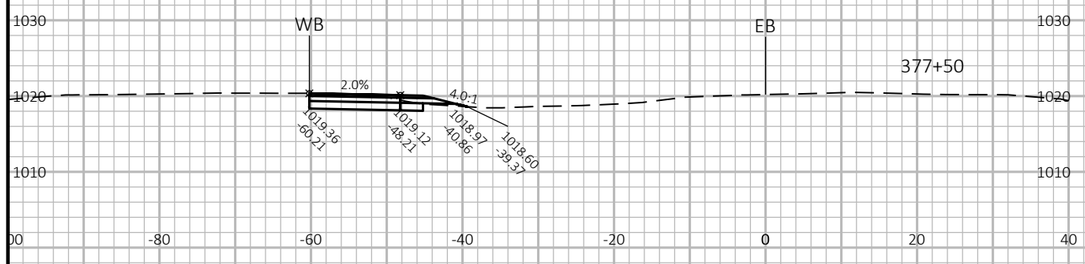
PLOT DATE : 4/5/2018 7:25 AM

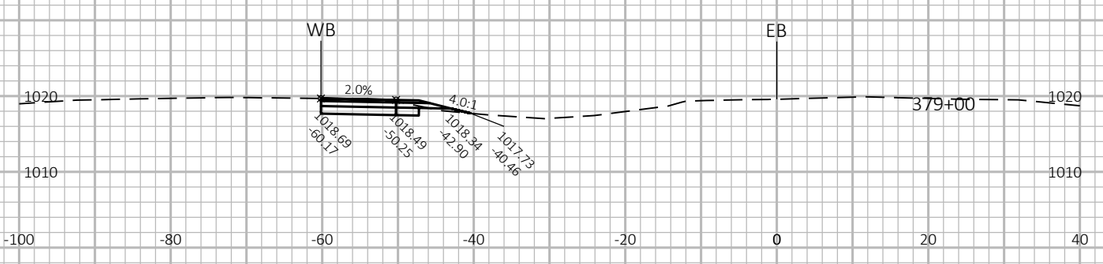
PLOT BY : KOENIG, DELLA M

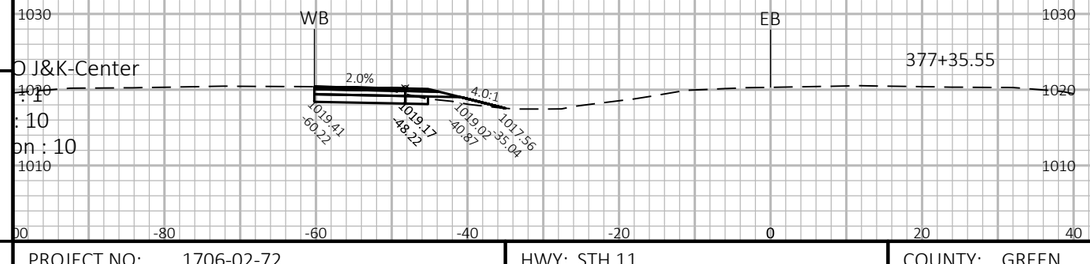
PLOT NAME :

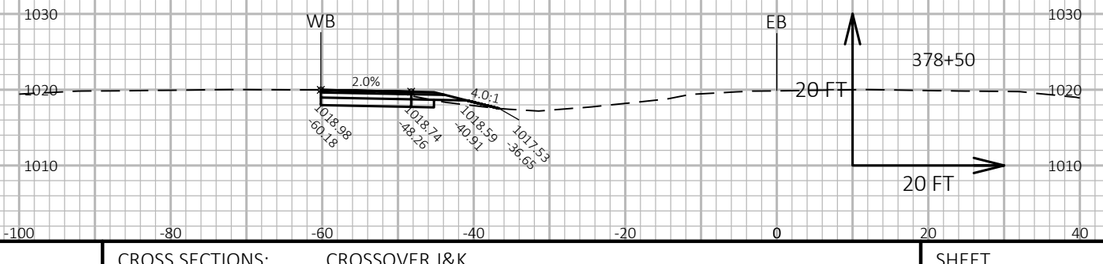
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.









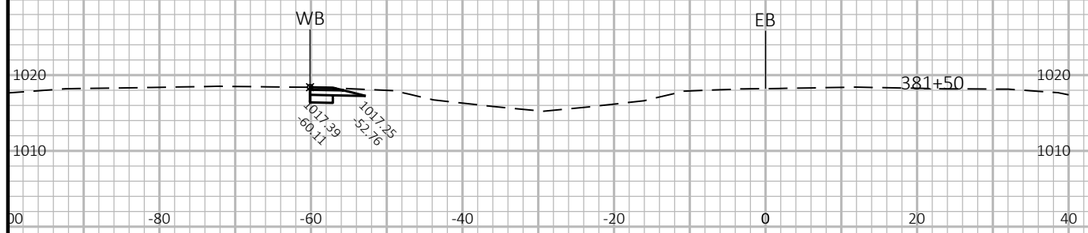


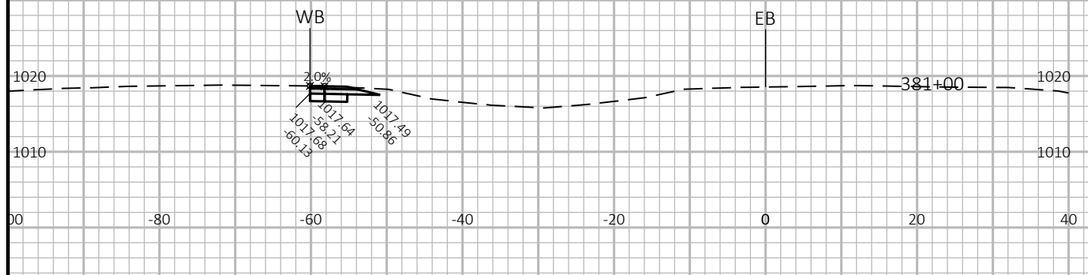
O J&K-Center
: 1
: 10
on : 10

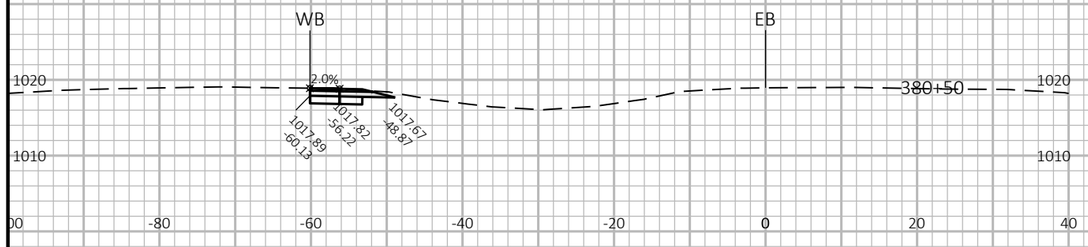
PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER J&K	SHEET 710	E

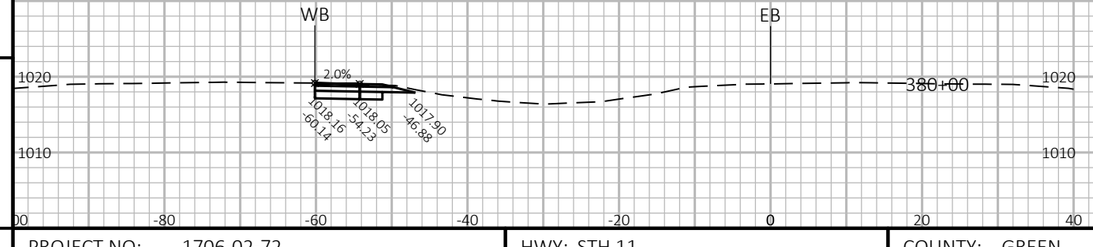
FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERJ&K.DWG
LAYOUT NAME - CO H&I - (4)

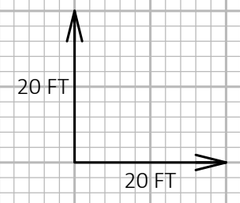
PLOT DATE : 4/5/2018 7:25 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.











PROJECT NO: 1706-02-72	HWY: STH 11	COUNTY: GREEN	CROSS SECTIONS: CROSSOVER J&K	SHEET 711	E

FILE NAME : N:\PDS\C3D\17060202\SHEETSPLAN\STH11CROSSSECTIONSCROSSOVERJ&K.DWG
LAYOUT NAME - CO H&I - (5)

PLOT DATE : 4/5/2018 7:25 AM PLOT BY : KOENIG, DELLA M PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

Wisconsin Department of Transportation

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