WKE

NOV 2017

PROJECT ID: 3325-01-71

COUNTY: WALWORTH

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 = 394

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3325-01-71	WISC 2017513	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

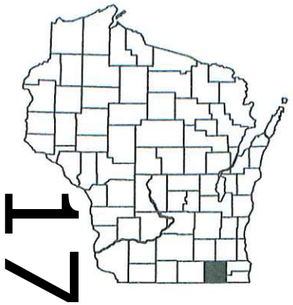
WILLIAMS BAY - ELKHORN

1000' N STH 50 TO COMMERCE DRIVE

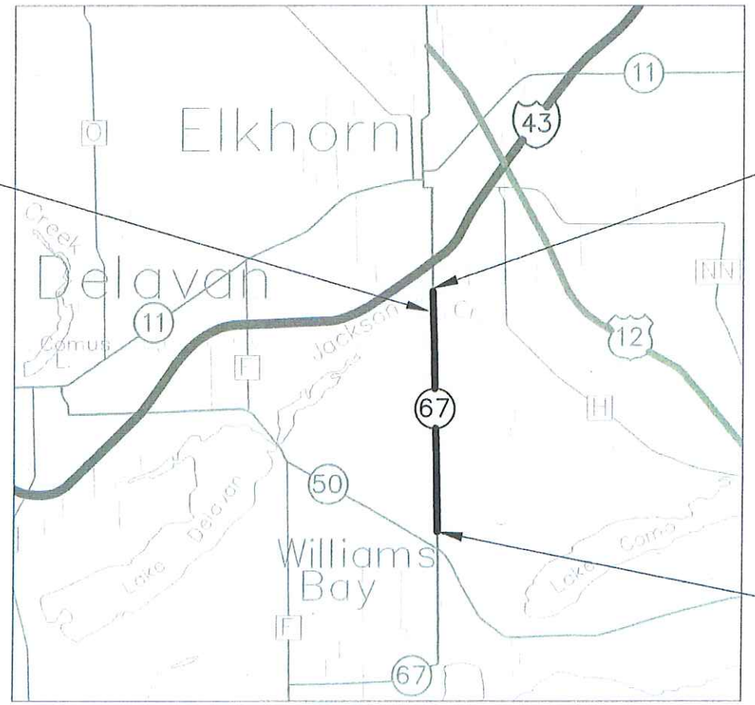
STH 67

WALWORTH COUNTY

STATE PROJECT NUMBER
3325-01-71



N



STRUCTURE #B-64-0004

END PROJECT
STA. 291+50
Y = 358,249.78
X = 763,102.65

T 2 N

BEGIN PROJECT
STA. 112+00
Y = 340,300.82
X = 763,227.18

R 16/17 E

LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 3.400 MI.

"COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), WALWORTH COUNTY, NAD 1983 (2007)."

"ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF NAVD 88 (2007)."

DESIGN DESIGNATION

A.A.D.T.	(2015)	= 16,900
A.A.D.T.	(2035)	= 21,400
D.H.V.	(2035)	= --------
D.D.		= 60/40
T		= 5.5%
DESIGN SPEED		= 60 MPH
ESALS		= 3,117,100

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

ORIGINAL PLANS PREPARED BY:

LYNCH & ASSOCIATES

5402 S. 108th Street, Hales Corners, WI 53130 (262) 402-5040
NEW BERLIN, WI (262) 402-5040

WISCONSIN PROFESSIONAL ENGINEER
RYAN D. ERDMANN
43579
DEPERE
WI

4/28/17 (DATE) (SIGNATURE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	VANHENKELUM, LYNCH & ASSOCIATES
Designer	LYNCH & ASSOCIATES
Project Manager	GARY METZER
Regional Examiner	STEVE CHOJNACKI
Regional Supervisor	JANET CANNON
C.O. Examiner	

APPROVED FOR THE DEPARTMENT
DATE: 28April 2017 (Signature)

E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 COVER.DWG

PLOT DATE : 4/28/2017 3:49 PM

PLOT BY : RYAN BODENDORFER

PLOT NAME : ----------

WISDOT/CADDS SHEET 10

ABBREVIATIONS

ASPH	ASPHALT PAVEMENT
AEW	APRON ENDWALL
BAD	BASE AGGREGATE DENSE
BL	BASELINE
BLDG	BUILDING
BOC	BACK OF CURB
CONC	CONCRETE
COR	CORNER
CP	CULVERT PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CSCP	CORRUGATED STEEL CULVERT PIPE
C.E.	COMMERCIAL ENTRANCE
CSW	CONCRETE SIDEWALK
CMP	CORRUGATED METAL PIPE
DHV	DESIGN HOURLY VOLUME
V	DESIGN SPEED
DIA	DIAMETER
E	EAST
EB	EASTBOUND
ECIP	EROSION CONTROL IMPLEMENTATION PLAN
EL OR ELEV	ELEVATION
ESAL	EQUIVALENT SINGLE AXLE LOAD
EOP	EDGE OF PAVEMENT
EX.	EXISTING
FE	FIELD ENTRANCE
FES	FLARED END SECTION
FL	FLOW LINE
FO	FIBER OPTIC
FOC	FACE OF CURB
G	GARAGE
H	HOUSE
HMA	HOT MIX ASPHALT
I.E.	INVERT ELEVATION
D	LANE DISTRIBUTION
L	LENGTH (OF CURVE)
LHF	LEFT HAND FORWARD
LC	LONG CHORD
LP	LOW POINT
LT	LEFT
MAR	WETLAND BOUNDARY
NOR	NORMAL
N	NORTH
NC	NORMAL CROWN
OH	OVERHEAD ELECTRIC
T	PERCENT OF TRUCKS
P.E.	PRIVATE ENTRANCE
PL	PROPERTY LINE
R	RADIUS
RC	REVERSE CROWN
REQ'D	REQUIRED
RHF	RIGHT HAND FORWARD
RD	ROAD
RL	REFERENCE LINE
RT	RIGHT
S	SHED
SD	SPECIAL DITCH
SE	SUPER ELEVATION
SHLD	SHOULDER
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED
TEL	TELEPHONE
T.L.E.	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
ULO	UTILITY LINE OPENING
VOL	VOLUME
W	WEST
WB	WESTBOUND

UTILITIES

WE-ENERGIES (ELECTRIC)
333 W EVERETT STREET, SUITE A299
MILWAUKEE, WI 53203
ATTN: LATROY BRUMFIELD (414) 221-2345
EMAIL: LATROY.BRUMFIELD@WE-ENERGIES.COM
WE-ENERGIES (GAS)
333 W EVERETT STREET, SUITE A299
MILWAUKEE, WI 53203
ATTN: LATROY BRUMFIELD (414) 221-2345
EMAIL: LATROY.BRUMFIELD@WE-ENERGIES.COM

STATE LONG DISTANCE TELEPHONE CO.
16924 WEST VICTOR RD
NEW BERLIN, WI 53151
ATTN: MATTHEW SCHULTE (262) 754-3063
EMAIL: MATT.SCHULTE@TDSTELECOM.COM

GENEVA NATIONAL SANITARY DISTRICT
N3496 COMO ROAD
LAKE GENEVA, WI 53147
ATTN: DANIEL LAUDERDALE (262) 248-8497
EMAIL: LAUDER@GENEVAONLINE.COM

CHARTER COMMUNICATIONS
510 BELOIT RD
WALWORTH, WI 53184
ATTN: BRANDON OPHEIM (608) 209-3195
EMAIL: BRANDON.OPHEIM@CHARTER.COM

ATC MANAGEMENT, INC.
801 O'KEEFE ROAD
PO BOX 6113
DEPERE, WI 54115
ATTN: TONY MARCINIAK (262) 506-6814
EMAIL:

AT&T WISCONSIN
7721 W FOND DU LAC AVE, 1ST FLOOR
MILWAUKEE, WI 53218
ATTN: CHRIS DUNCAN (262) 896-7678
EMAIL: CHRIS.DUNCAN@ATT.COM

ALLIANT ENERGY CORPORATION
4902 N BILTMORE LANE, SUITE 1000
MADISON, WI 53718
ATTN: CRAIG HENDRICKS (608) 458-8184
EMAIL: CRAIGHENDRICKS@ALLIANTENERGY.COM

LAKE COMO SANITARY DISTRICT 1
N3420 DELL PLACE
LAKE GENEVA, WI 53147
ATTN: RAY SEITZ (262) 248-2077
EMAIL: RAY@LCSD1.ORG

WISDOT SIGNALS
141 NW BARSTOW/PO BOX 798
WAUKESHA, WI 53187
ATTN: JOHN HAUG (262) 521-5356
EMAIL: JOHN.HAUG@DOT.STATE.WI.US

WINDSTREAM KDL
13935 BISHOPS DR
BROOKFIELD, WI 53005
ATTN: NATHAN BECKER (262) 792-7938
EMAIL: NATHAN.BECKER@WINDSTREAM.COM

OTHER AGENCIES

WALWORTH COUNTY DEPARTMENT OF PUBLIC WORKS
W7097 CTH NN
ELKHORN, WI 53121
ATTN: MIKE SIERKOWSKI (262) 741-3114
EMAIL: MSIERAKOWSKI@CO.WALWORTH.WI.US

CITY OF ELKHORN DEPARTMENT OF PUBLIC WORKS
PO BOX 920
ELKHORN, WI 53121
ATTN: (262) 723-2223

TOWN OF DELAVAN
5621 TOWN HALL ROAD
DELAVAN, WI 53115
ATTN: DIXIE BERNSTEEN (262) 728-3471
EMAIL: CLERK@TOWNOFDELAVAN.COM

TOWN OF GENEVA
N3496 COMO ROAD
LAKE GENEVA, WI 53147
ATTN: DEBRA KIRCH (262) 248-8497
EMAIL: CLERK@TOWNOFGENEVAWI.COM

ATTN: JOHN WASHBURN
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
W239 N1812 ROCKWOOD DRIVE
BOX 1607
WAUKESHA, WI 53187-1607
PHONE (262) 953-4295
FAX (262) 547-1103
E-MAIL: JWASHBURN@SEWRPC.ORG

DNR LIASON

WISCONSIN DNR
141 NW BARSTOW STREET, ROOM 180
WAUKESHA, WI 53187
ATTN: CRAIG WEBSTER
EMAIL: CRAIG.WEBSTER@WISCONSIN.GOV

WISDOT CONTACTS

WISDOT SE REGION
141 NW BARSTOW STREET
WAUKESHA, WI 53187
ATTN: GARY METZER
(262) 548-5685
EMAIL: GARY.METZER@DOT.WI.GOV

WISDOT SIGNAL OPERATIONS
141 NW BARSTOW STREET
WAUKESHA, WI 53187
(414) 750-2605

WISDOT ELECTRICAL FIELD UNIT
935 S. 60TH STREET
WEST ALLIS, WI 53214
(414) 266-1170

GENERAL NOTES

1. ALL HIGHWAY CURVES ARE BASED ON THE ARC DEFINITION.
2. NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
3. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
4. THE LOCATION OF EXISTING, ABANDONED AND PROPOSED UTILITIES AS NOTED ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL NOTIFY DIGGER'S HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK.
5. AREAS DISTURBED BY CONTRACT WORK WITHIN THE RIGHT-OF-WAY ARE TO BE RESTORED AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE PLANS WITHIN 5 CALENDAR DAYS.
6. HMA PAVEMENT, WHEN INDICATED ON THE PLANS, SHALL CONSIST OF COURSES AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS.

5 1/4" TOTAL DEPTH	BID ITEM
3 1/4" LOWER	460.6223 HMA PAVEMENT 3 MT 58-28 S
2" UPPER	460.6424 HMA PAVEMENT 4 MT 58-28 H

4" TOTAL DEPTH	BID ITEM
2 1/4" LOWER	460.6223 HMA PAVEMENT 3 MT 58-28 S
1 3/4" UPPER	460.6424 HMA PAVEMENT 4 MT 58-28 H

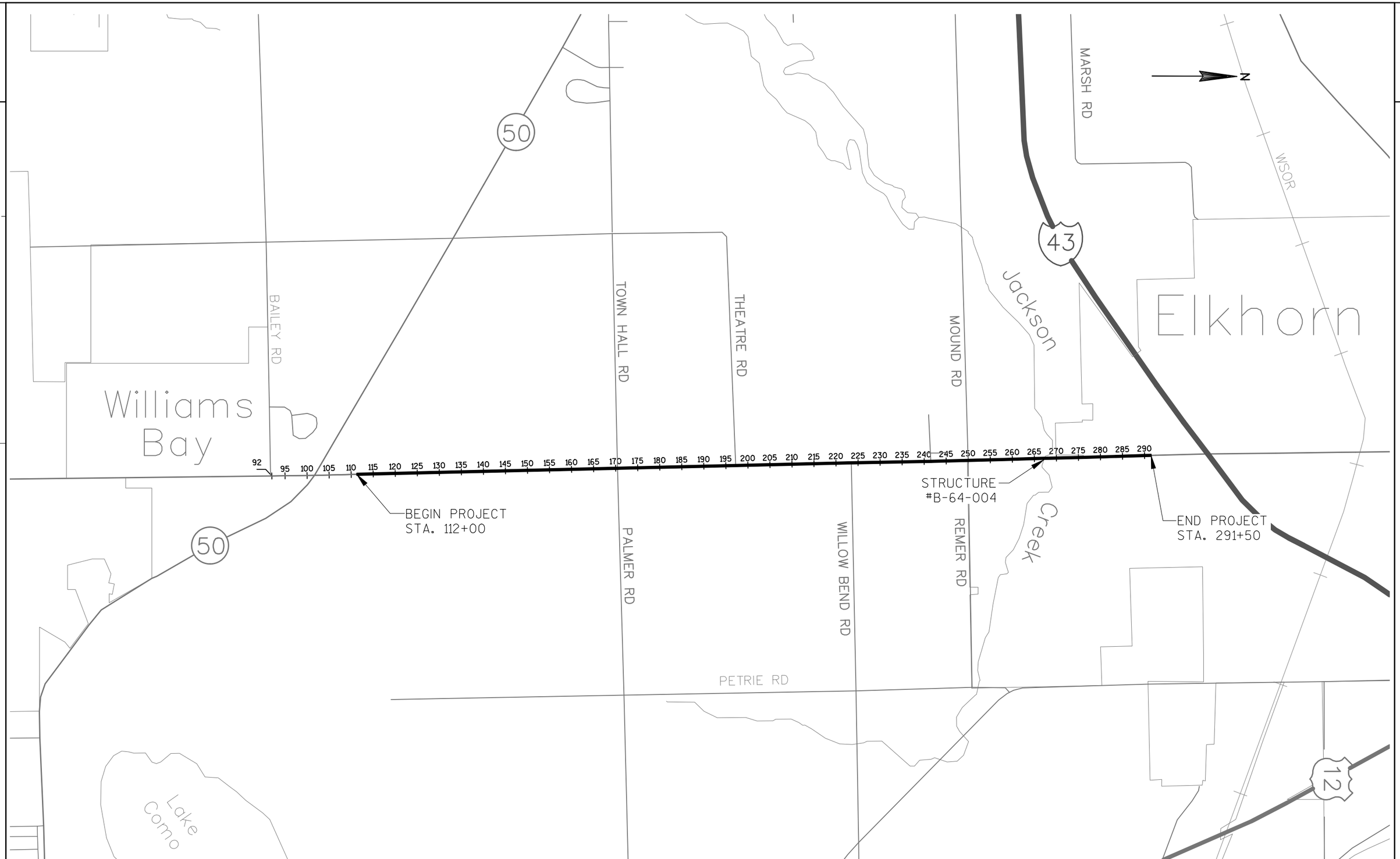
7. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
8. A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING ASPHALTIC CONCRETE PAVEMENT.
9. EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.
10. CONTRACTOR IS RESPONSIBLE FOR RESHAPING AND FINISHING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY THEIR OPERATIONS OUTSIDE THE NORMAL CONSTRUCTION LIMITS.
11. REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALT SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER.
12. DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
13. NO SIGNS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
14. ALL SIGNS REMOVED SHALL BE PLACED AT A SITE SPECIFIED BY THE ENGINEER TO BE PICKED UP BY WALWORTH COUNTY.
15. ALL CURB AND GUTTER RADII DIMENSIONS AND SPOT GRADE ELEVATIONS ON THE PLAN ARE MEASURED TO THE FLANGE LINE.
16. BASE AGGREGATE DENSE PLACED SHALL NOT BE CRUSHED CONCRETE, RECLAIMED ASPHALT, REPROCESSED MATERIAL OR BLENDED MATERIALS BELOW OR ADJACENT TO VIRGIN AGGREGATE MATERIALS, AS TO MAINTAIN DRAINAGE OF PAVEMENT SECTION.

DIGGERS HOTLINE

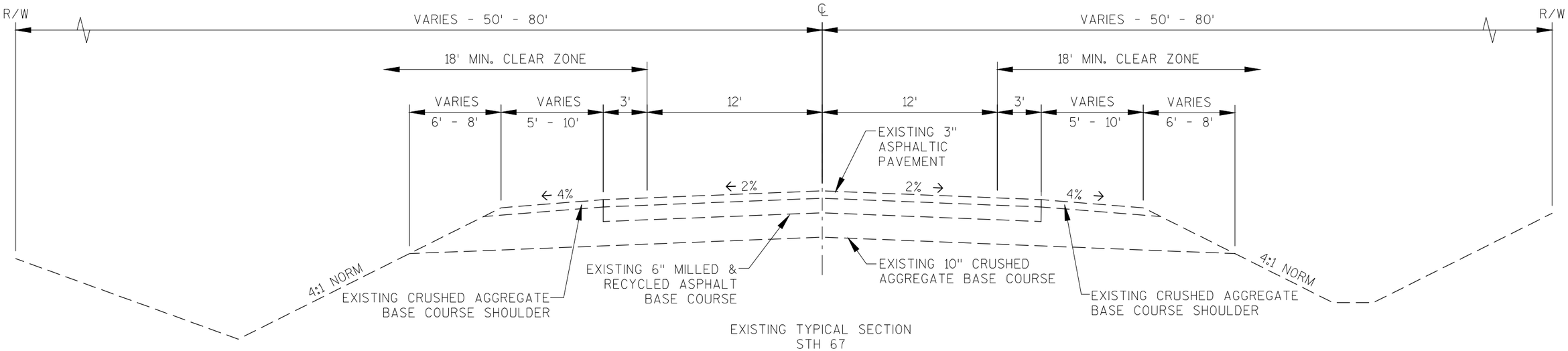
Call 811 3 Work Days Before You Dig
Or Toll Free (800) 242-8511
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	GENERAL NOTES	SHEET 2 E

2

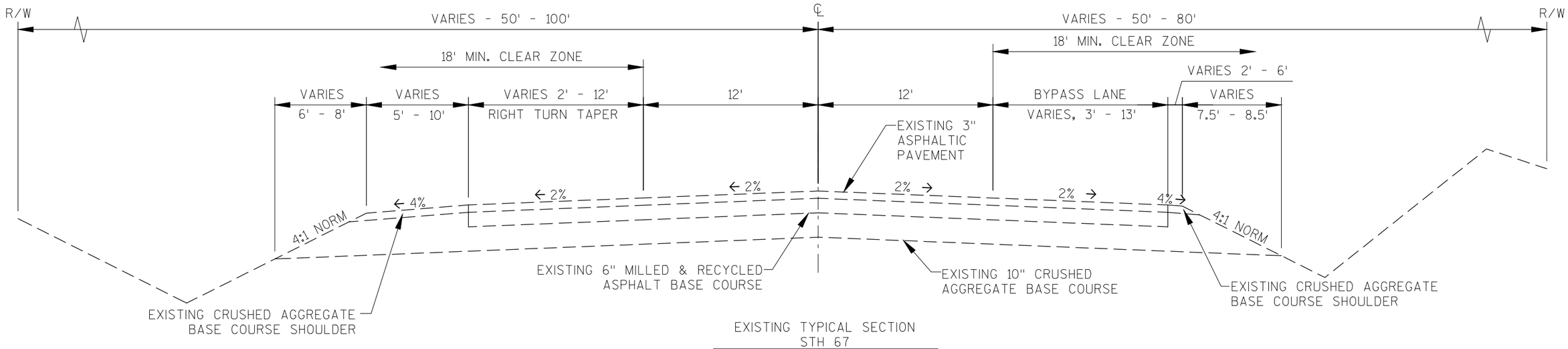


PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PROJECT OVERVIEW	SHEET 3	E



EXISTING TYPICAL SECTION
STH 67

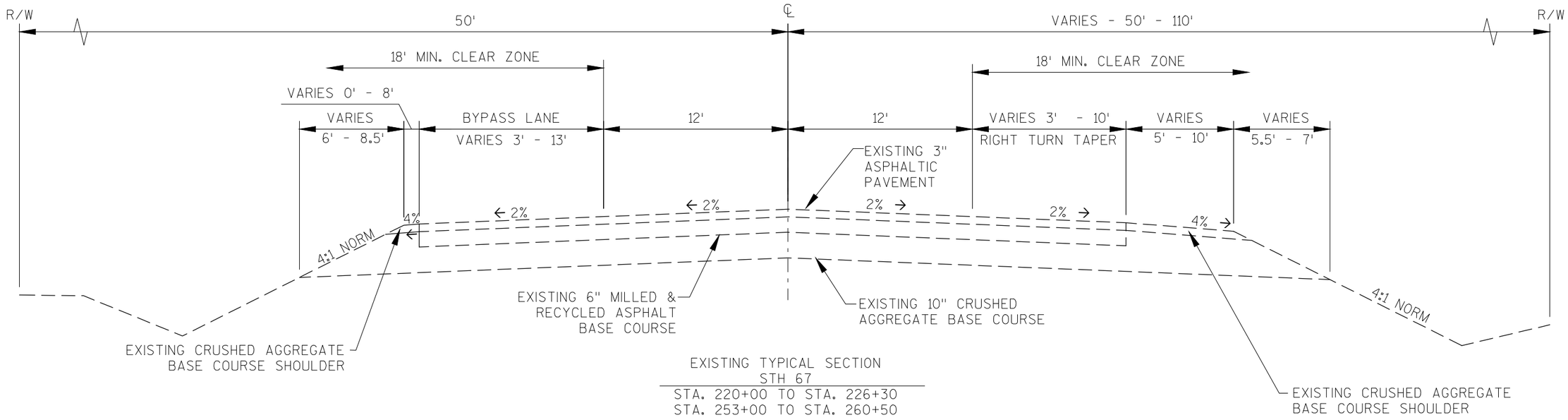
STA. 112+00 TO STA. 123+47
STA. 132+00 TO STA. 194+25
STA. 199+28 TO STA. 220+00
STA. 226+30 TO STA. 238+00
STA. 244+22 TO STA. 253+00
STA. 260+50 TO STA. 266+00
STA. 268+80 TO STA. 277+00



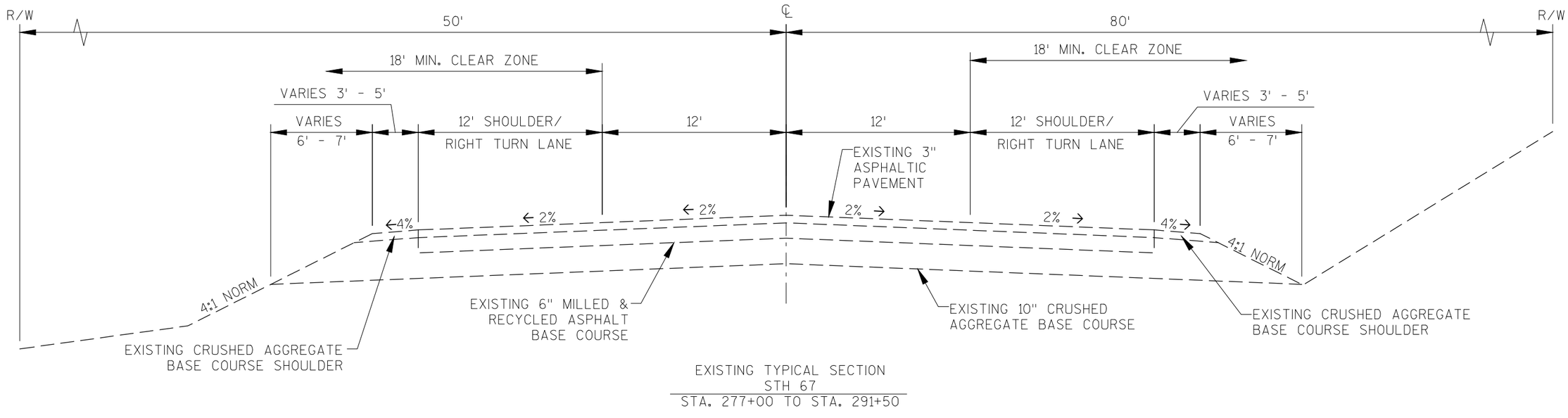
EXISTING TYPICAL SECTION
STH 67

STA. 123+47 TO STA. 132+00
STA. 194+25 TO STA. 199+28
STA. 238+00 TO STA. 244+22

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 4	E

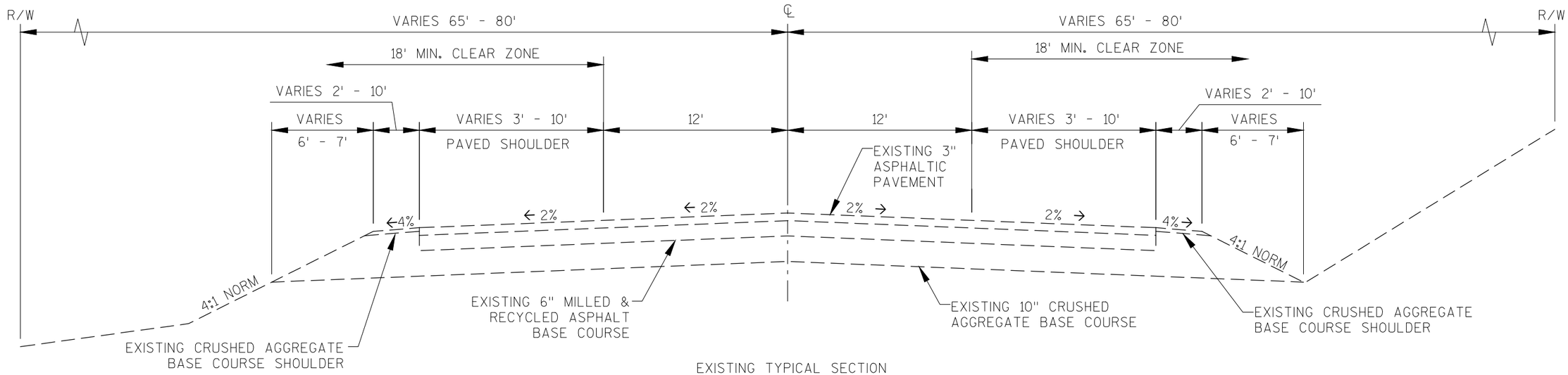


EXISTING TYPICAL SECTION
STH 67
STA. 220+00 TO STA. 226+30
STA. 253+00 TO STA. 260+50

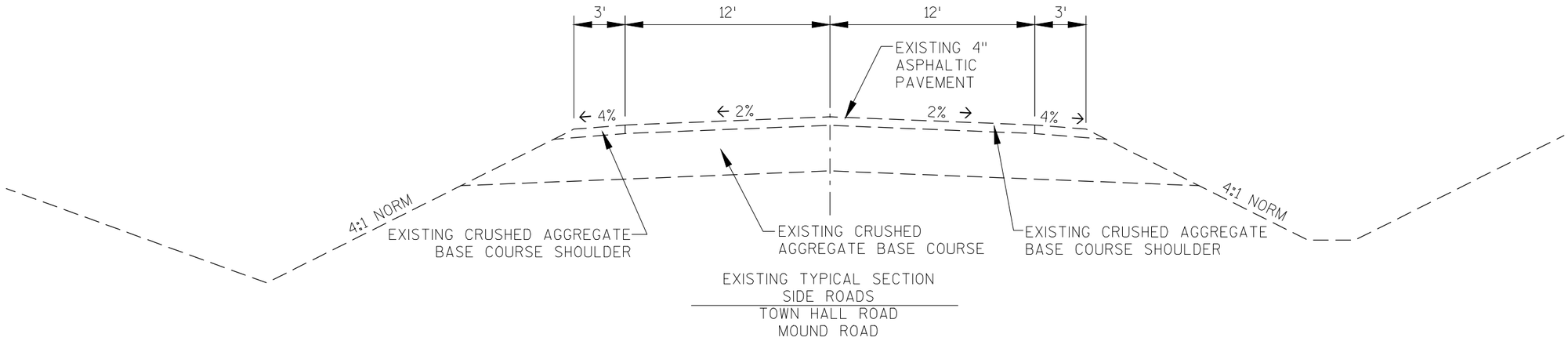


EXISTING TYPICAL SECTION
STH 67
STA. 277+00 TO STA. 291+50

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 5	E

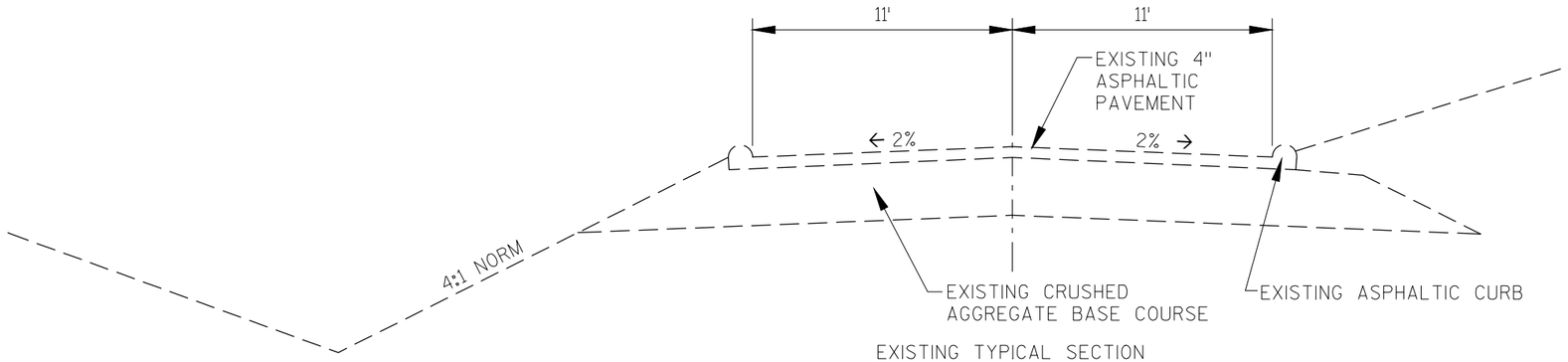


EXISTING TYPICAL SECTION
STH 67
STA. 266+00 TO STA. 267+81
STA. 281+48 TO STA. 284+33

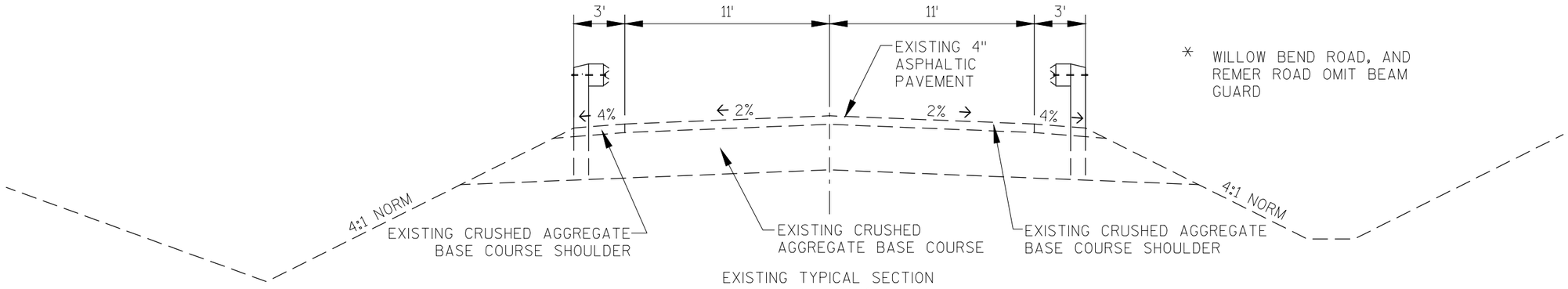


EXISTING TYPICAL SECTION
SIDE ROADS
TOWN HALL ROAD
MOUND ROAD

2



EXISTING TYPICAL SECTION
SIDE ROADS
PALMER ROAD

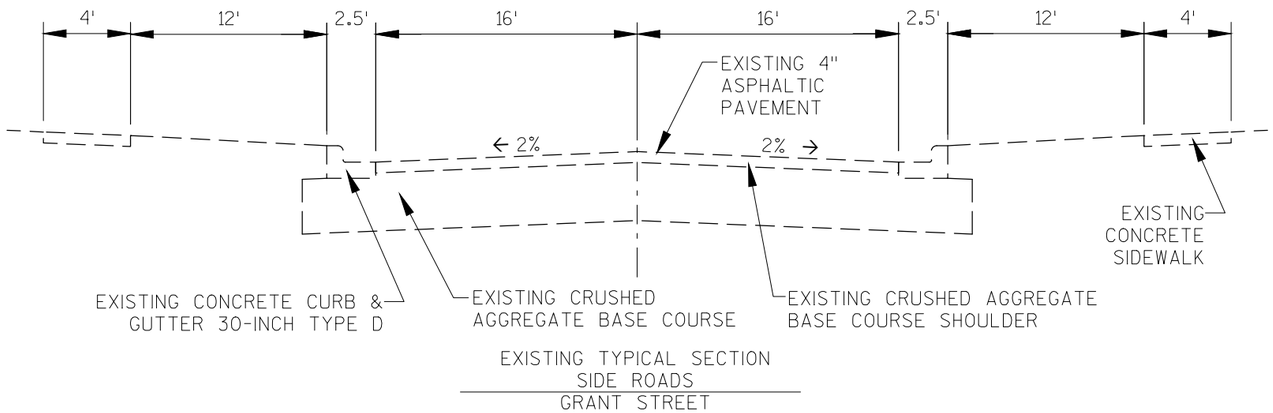


* WILLOW BEND ROAD, AND REMER ROAD OMIT BEAM GUARD

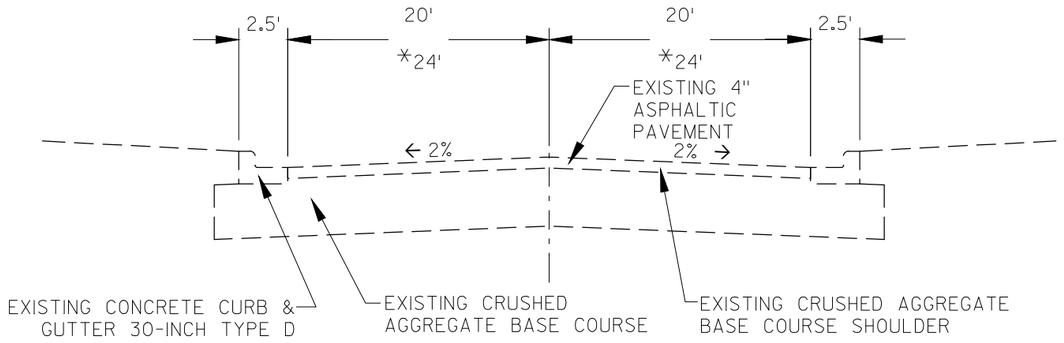
EXISTING TYPICAL SECTION
SIDE ROADS
THEATRE ROAD
WILLOW BEND ROAD*
REMER ROAD*

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 7	E

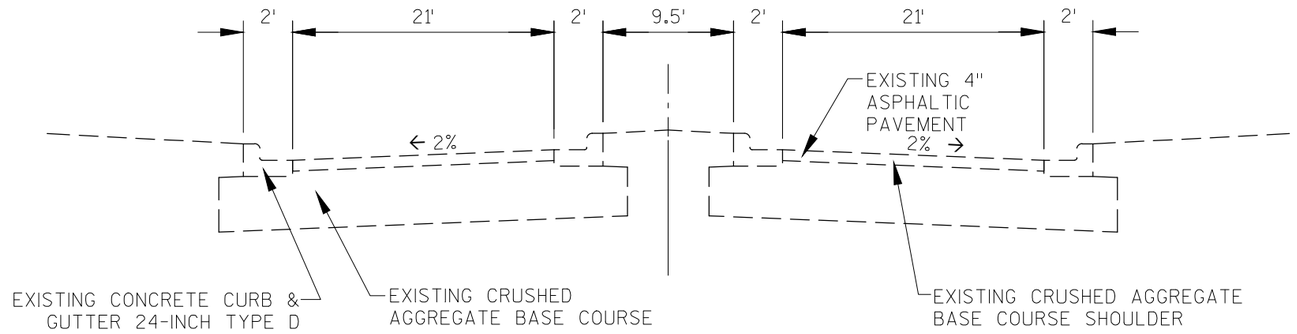
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EXISTING TYPICAL SECTION
SIDE ROADS
GRANT STREET



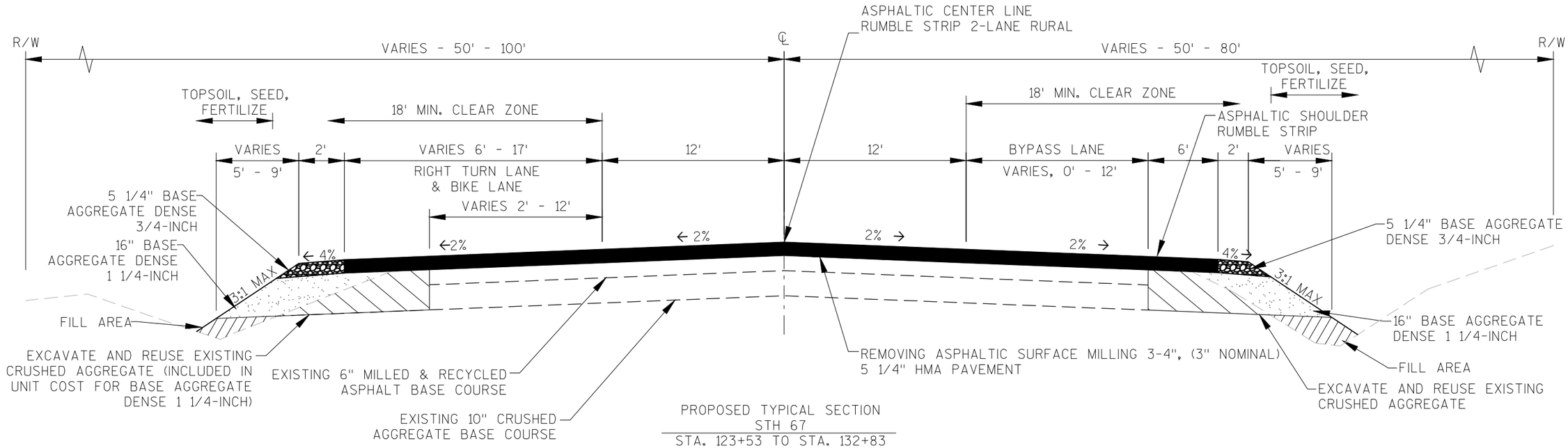
EXISTING TYPICAL SECTION
SIDE ROADS
MORRISSEY DRIVE
*E. COMMERCE COURT



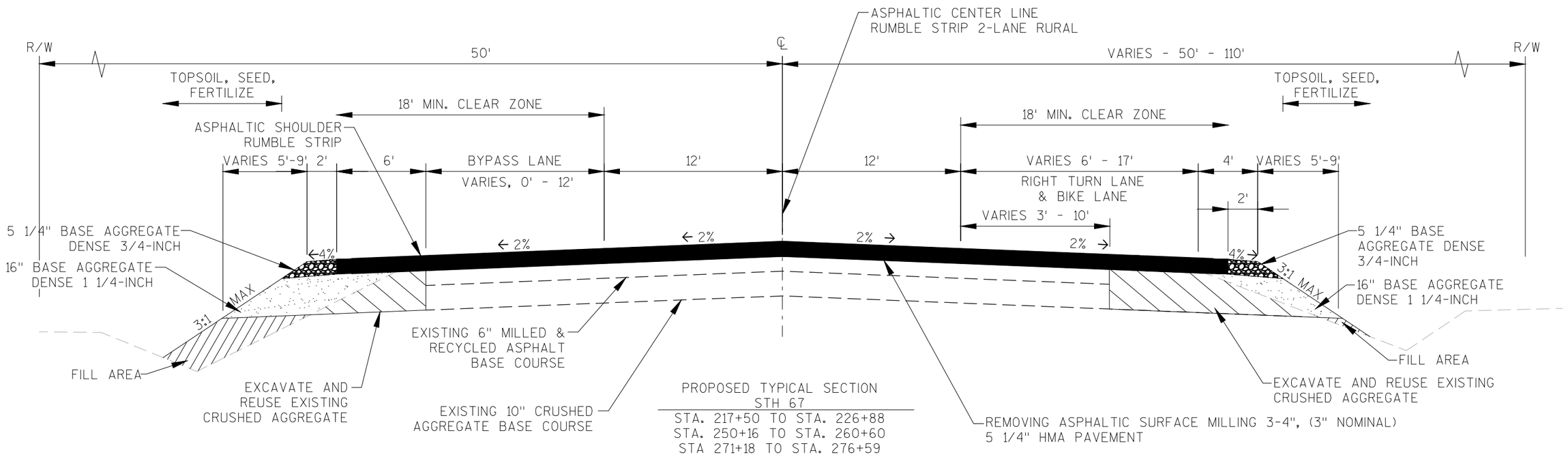
EXISTING TYPICAL SECTION
SIDE ROADS
O'CONNER DRIVE
COMMERCE DRIVE

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 9	E

FILE NAME: C:\ECNYTE\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 CONSTRUCTION DETAILS.DWG PLOT DATE: 7/13/2017 1:13 PM PLOT BY: RYAN ERDMANN PLOT NAME: PLOT SCALE: NTS

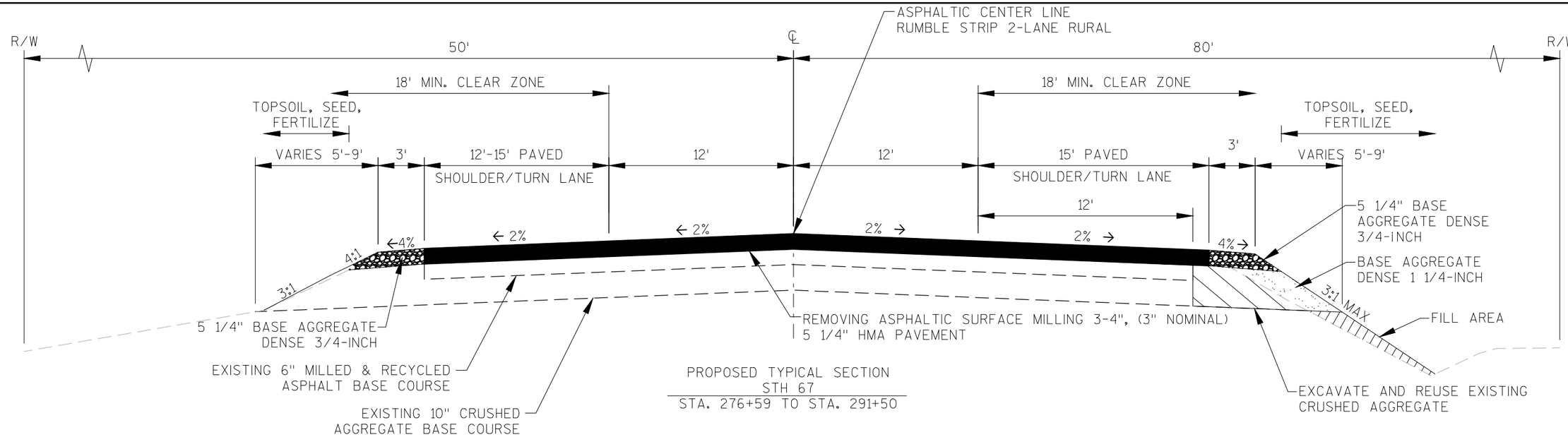


PROPOSED TYPICAL SECTION
STH 67
STA. 123+53 TO STA. 132+83
STA. 193+14 TO STA. 202+57
STA. 237+36 TO STA. 244+30

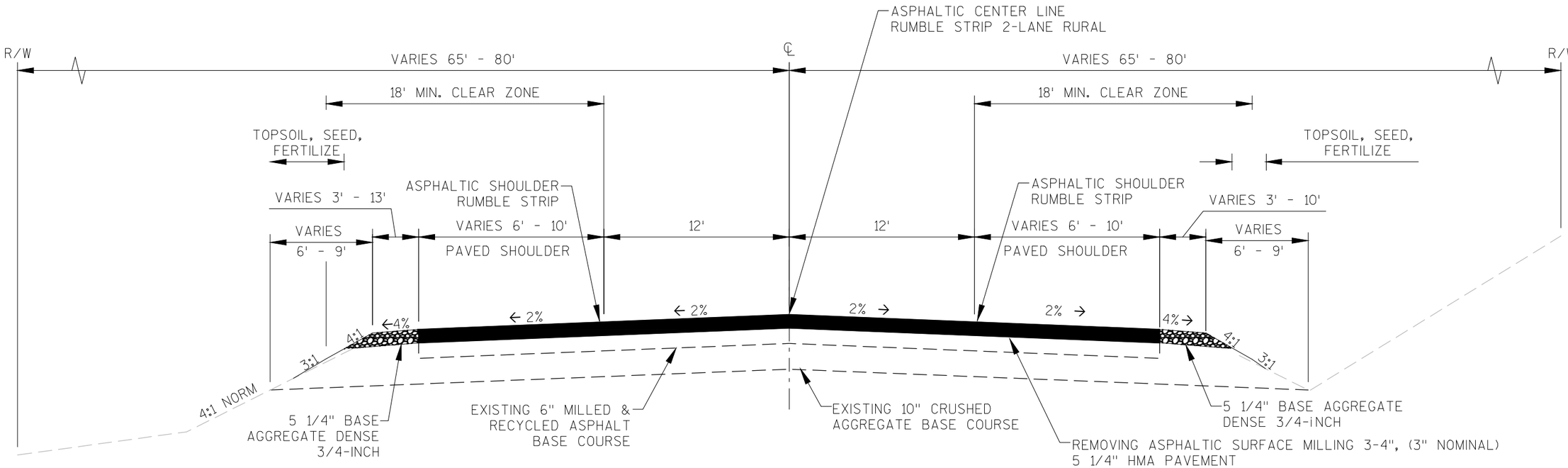


PROPOSED TYPICAL SECTION
STH 67
STA. 217+50 TO STA. 226+88
STA. 250+16 TO STA. 260+60
STA 271+18 TO STA. 276+59

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 10	E

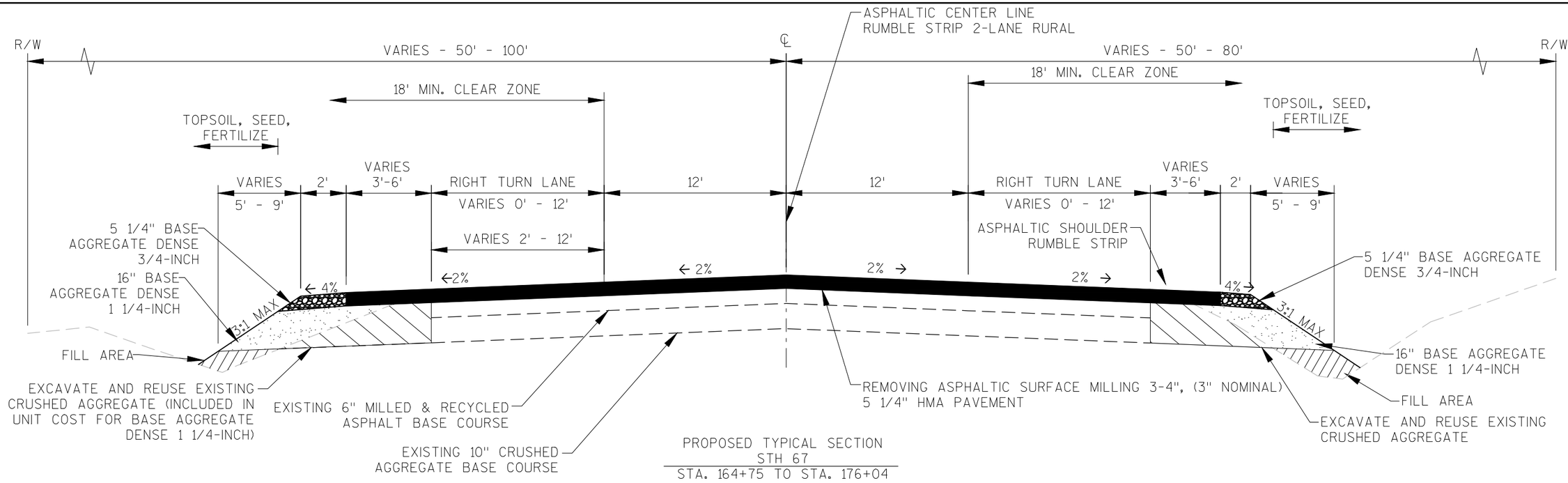


PROPOSED TYPICAL SECTION
STH 67
STA. 276+59 TO STA. 291+50

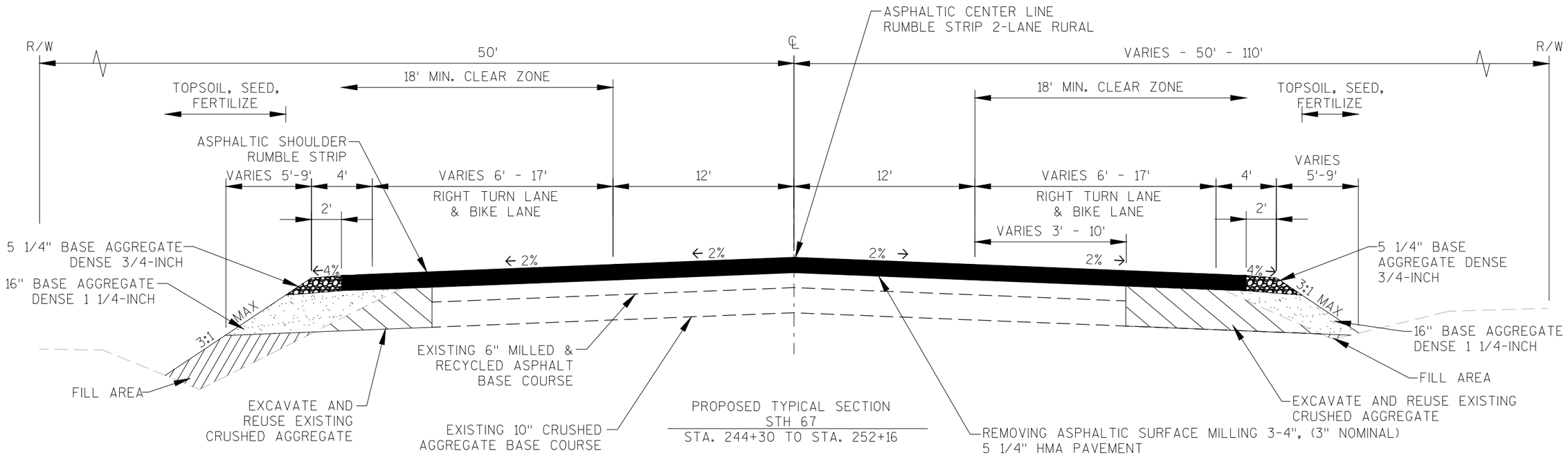


PROPOSED TYPICAL SECTION
STH 67
STA. 262+56 TO STA. 266+97
STA. 267+81 TO STA. 269+80

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 11	E

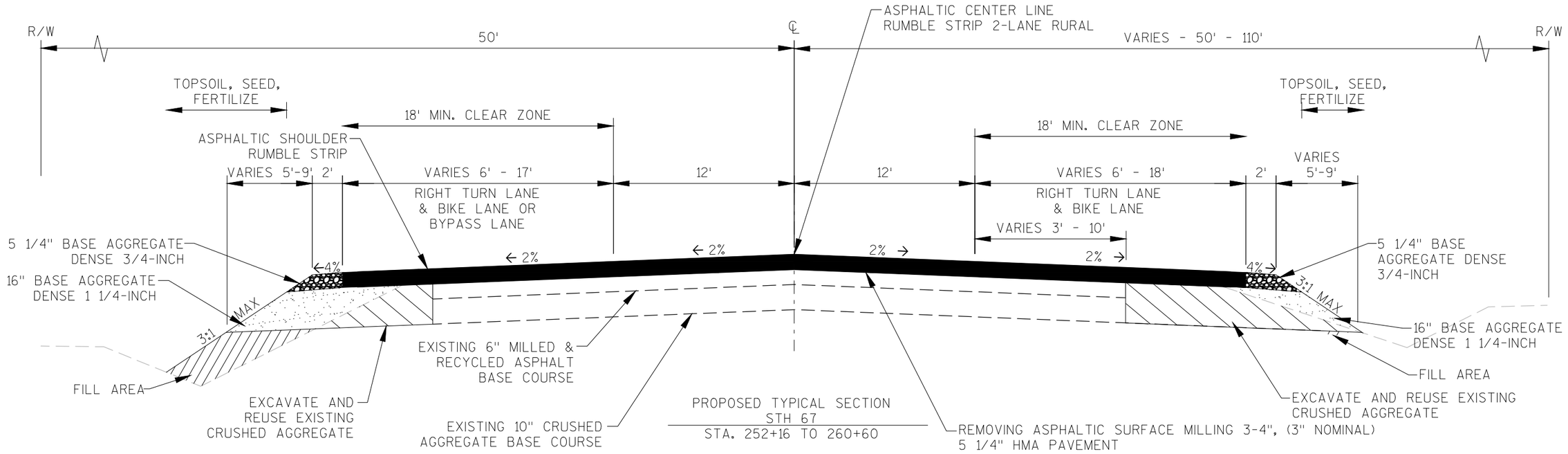


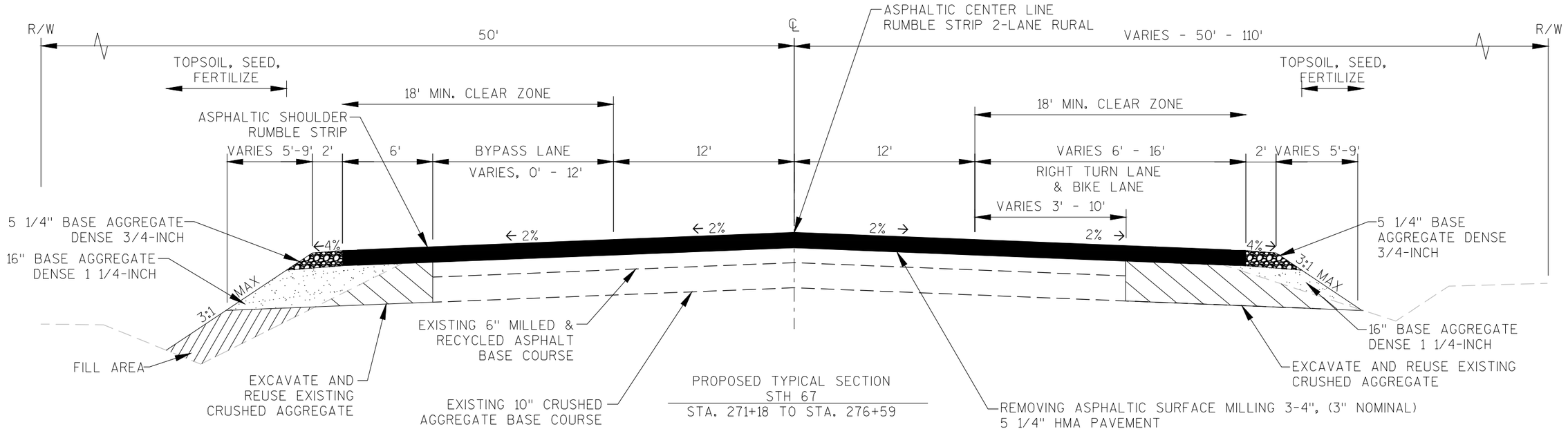
PROPOSED TYPICAL SECTION
STH 67
STA. 164+75 TO STA. 176+04



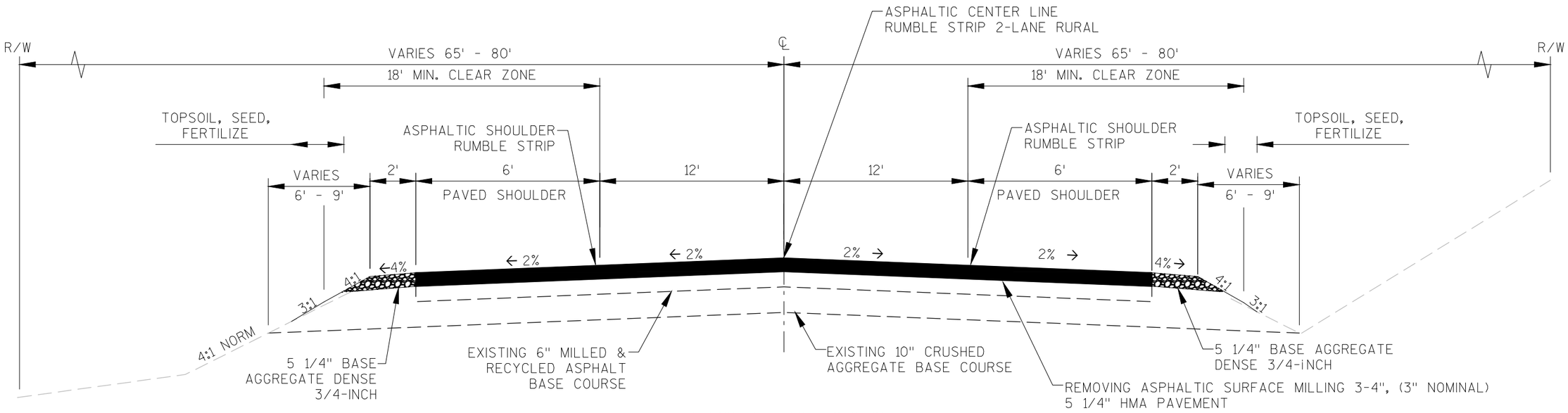
PROPOSED TYPICAL SECTION
STH 67
STA. 244+30 TO STA. 252+16

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 12	E

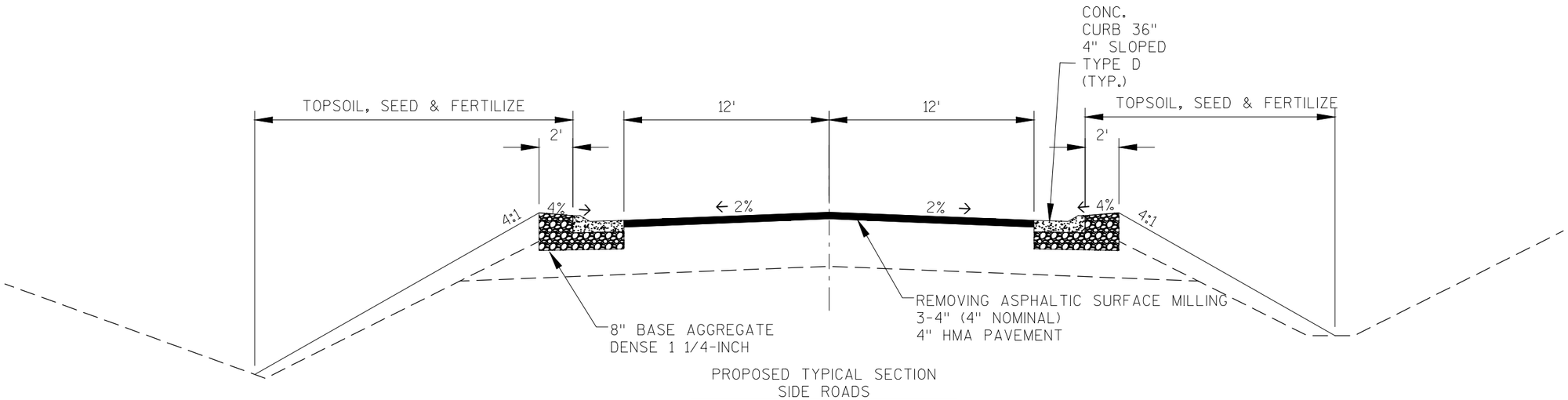




PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 13	E

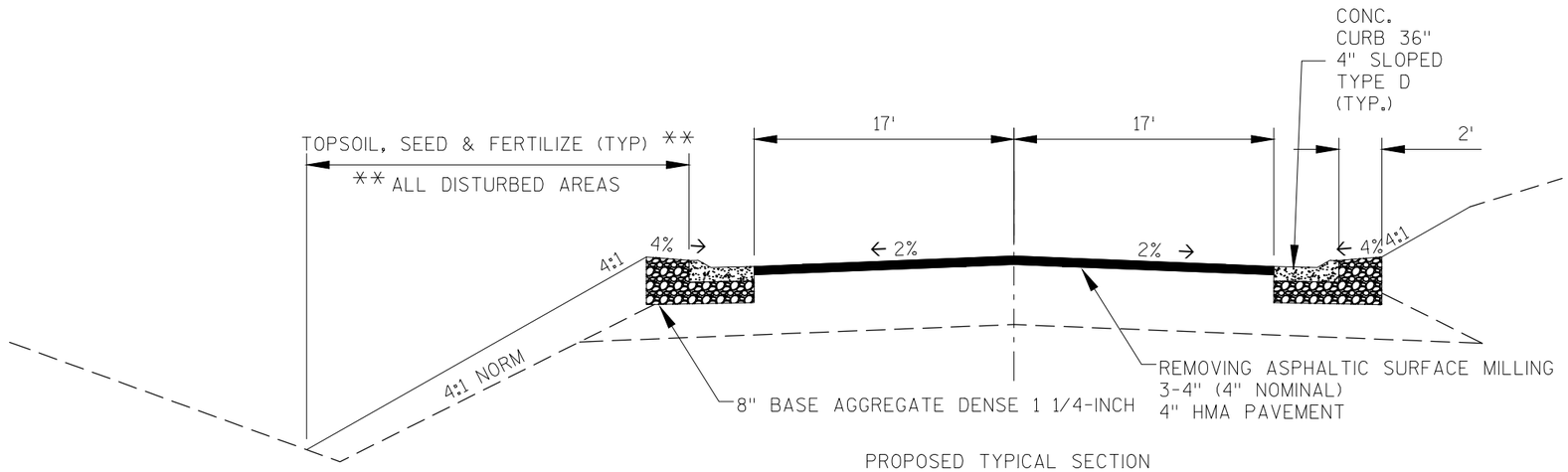


PROPOSED TYPICAL SECTION
STH 67
STA. 112+00 TO STA. 123+53
STA. 132+83 TO STA. 164+75

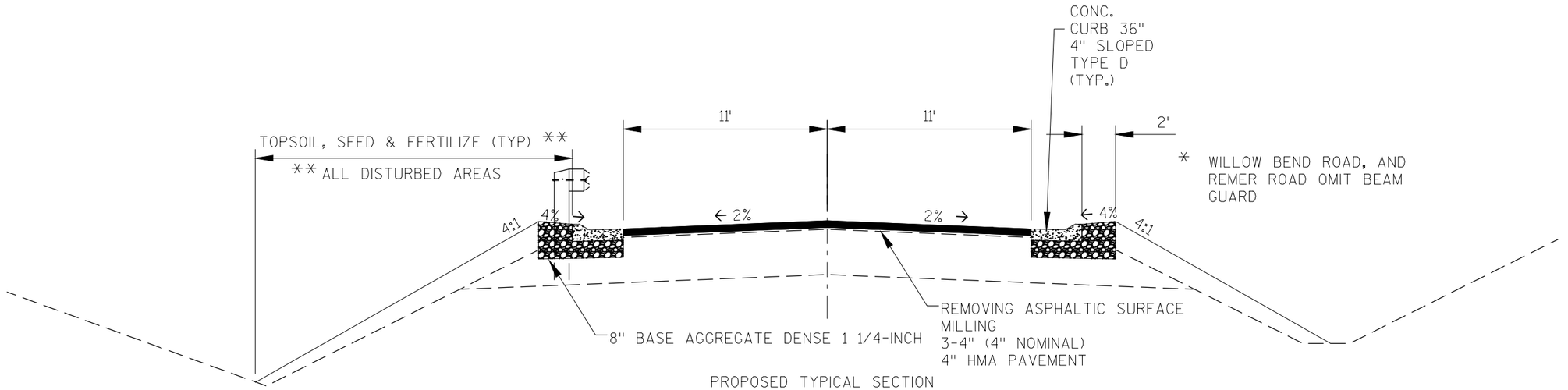


PROPOSED TYPICAL SECTION
SIDE ROADS
TOWN HALL ROAD
MOUND ROAD

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 14	E



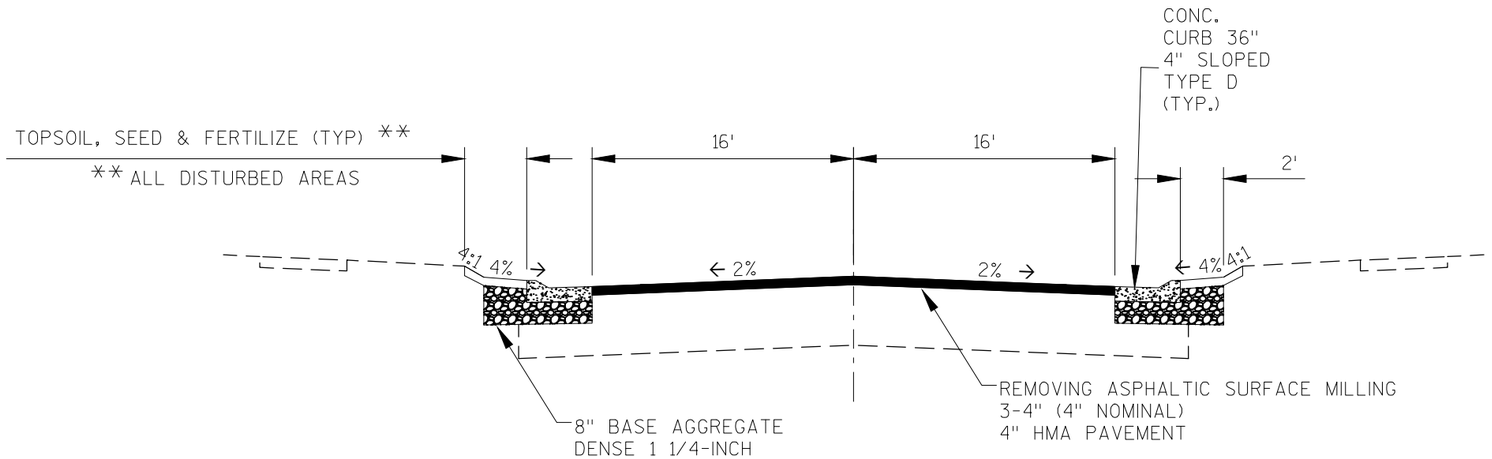
PROPOSED TYPICAL SECTION
SIDE ROADS
PALMER ROAD



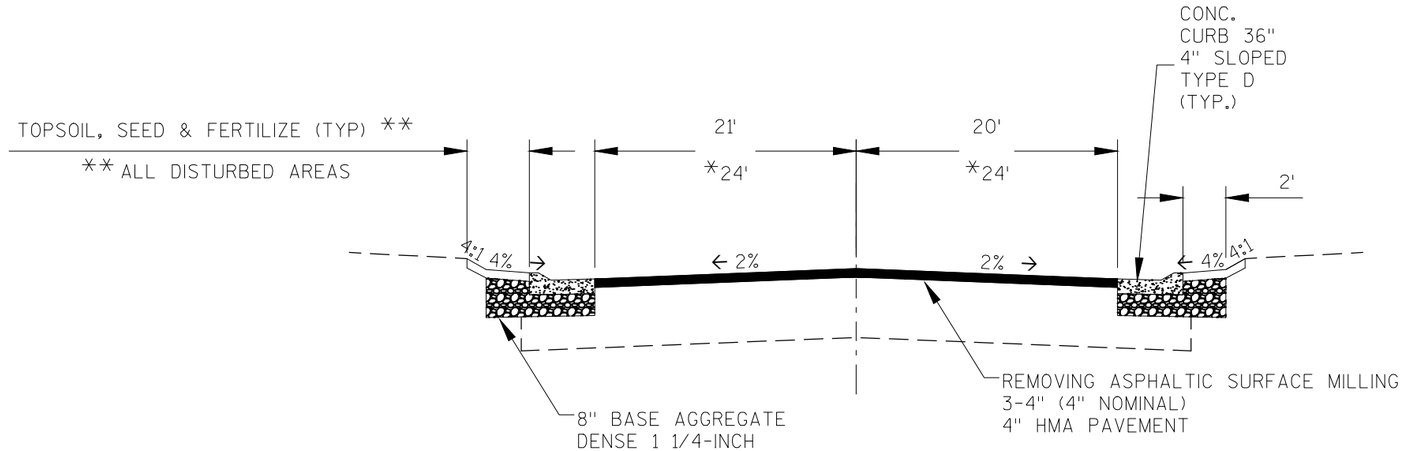
PROPOSED TYPICAL SECTION
SIDE ROADS
THEATRE ROAD
WILLOW BEND ROAD*
REMER ROAD*

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS	SHEET 15	E

2

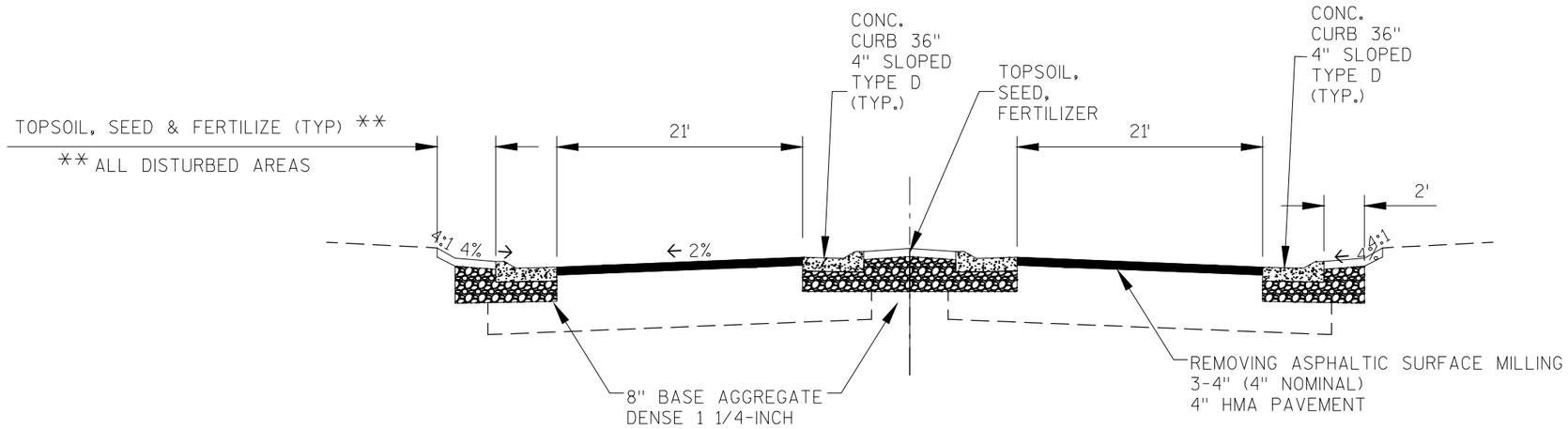


PROPOSED TYPICAL SECTION
SIDE ROADS
GRANT STREET

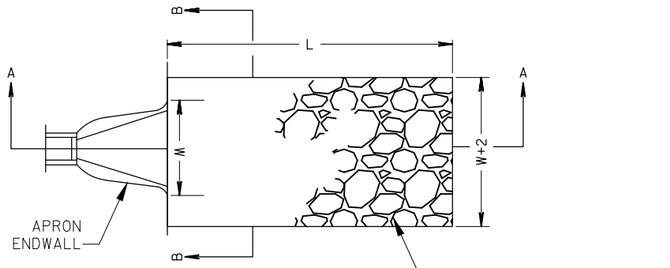


PROPOSED TYPICAL SECTION
SIDE ROADS
MORRISSEY DRIVE
*E. COMMERCE COURT

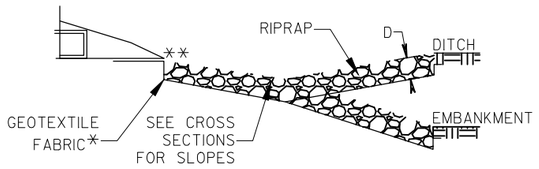
2



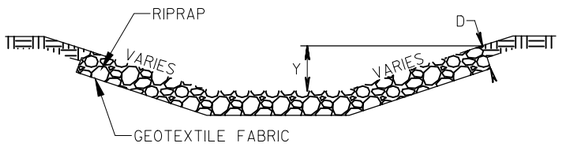
PROPOSED TYPICAL SECTION
SIDE ROADS
O'CONNER DRIVE
COMMERCE DRIVE



PLAN VIEW



SECTION A-A



SECTION B-B

L=3 X W (NOR) OR 10' MIN
OR AS INDICATED IN THE PLANS
OR AS DIRECTED BY THE ENGINEER

D = 12" FOR RIPRAP LIGHT
18" FOR RIPRAP MEDIUM
24" FOR RIPRAP HEAVY

X = W+2 FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
W+5 FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

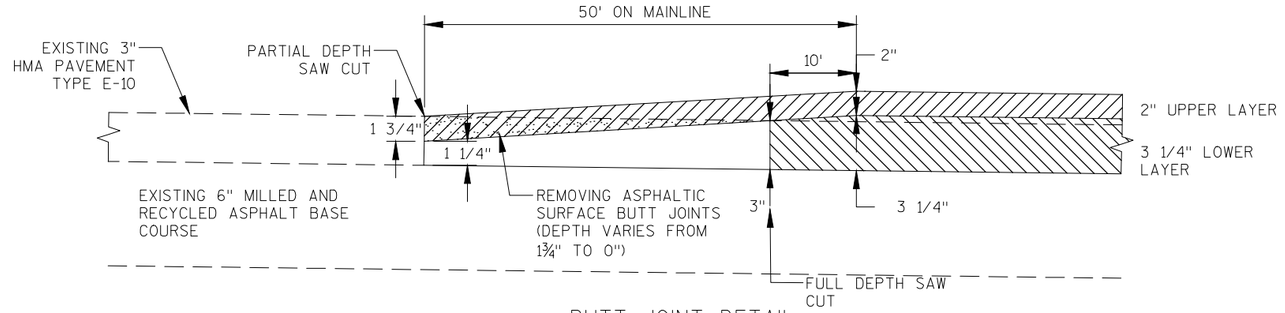
Y = 0' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
12' FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

* TYPE R (FOR RIPRAP LIGHT ONLY)
TYPE HR (FOR RIPRAP MEDIUM AND HEAVY ONLY) FABRIC REQUIRED TO BE SINGLE SHEET WIDE OR HAND SEWN

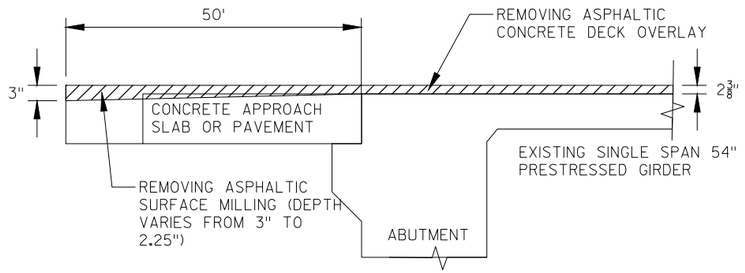
** RIPRAP TO BE PLACED BELOW THE FLOWLINE OF PIPE OUTLET

RIPRAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

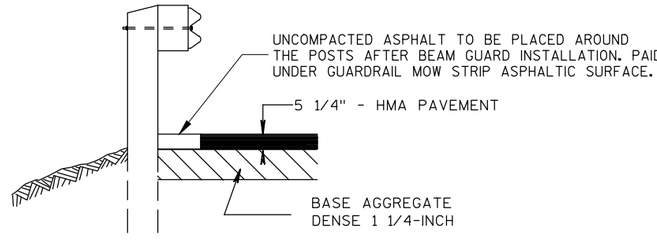
SEE EROSION CONTROL PLAN FOR LOCATIONS

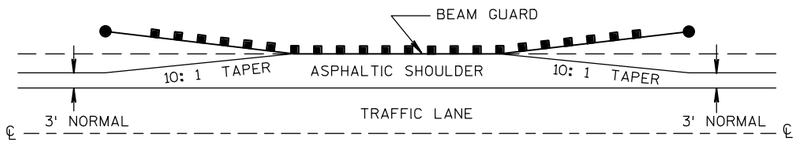


BUTT JOINT DETAIL



BRIDGE APPROACH DETAIL

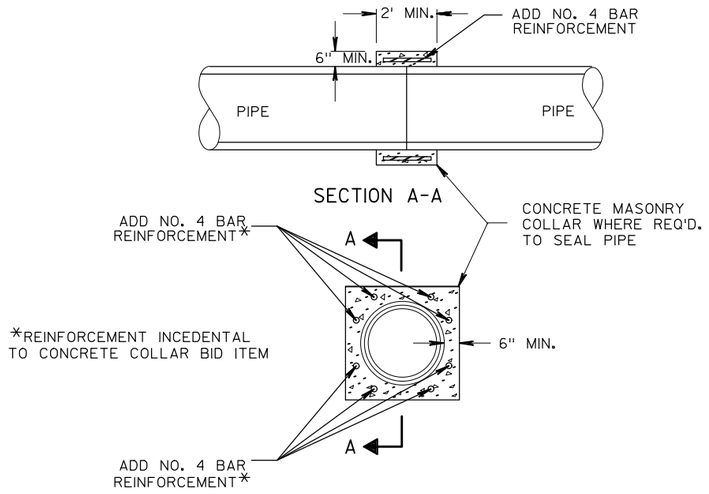




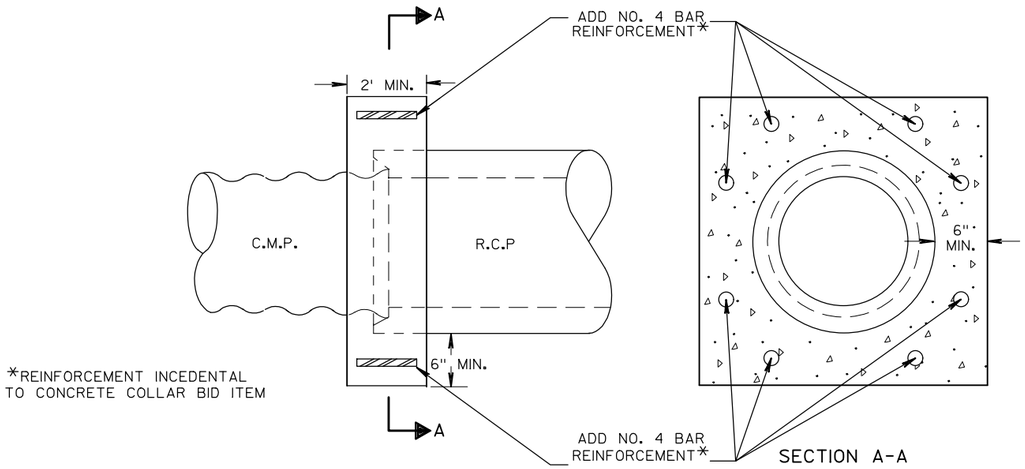
DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

STH 67 STA. 197+00 - STA. 198+52 LT
THEATRE RD. STA. 17+92 - STA. 19+67 LT
STH 67 STA. 262+52 - STA. 269+80 LT
STH 67 STA. 262+87 - STA. 269+31 RT

FILE NAME: C:\ECNYTE\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 CONSTRUCTION DETAILS.DWG PLOT DATE: 7/13/2017 1:15 PM PLOT BY: RYAN ERDMANN PLOT NAME: PLOT SCALE: NTS



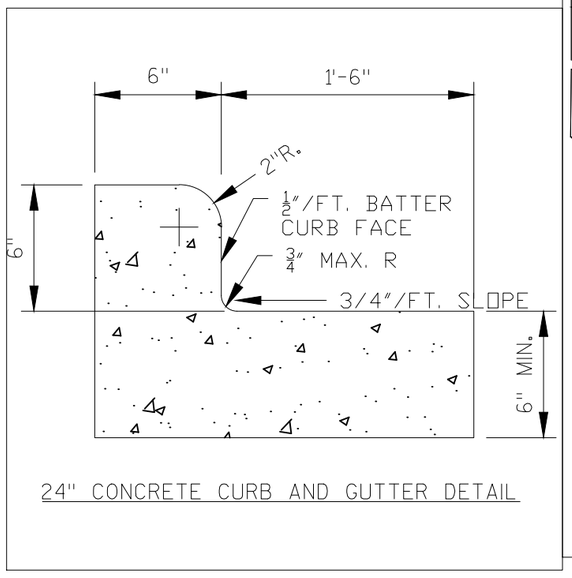
CONCRETE COLLAR DETAIL - RCP TO RCP



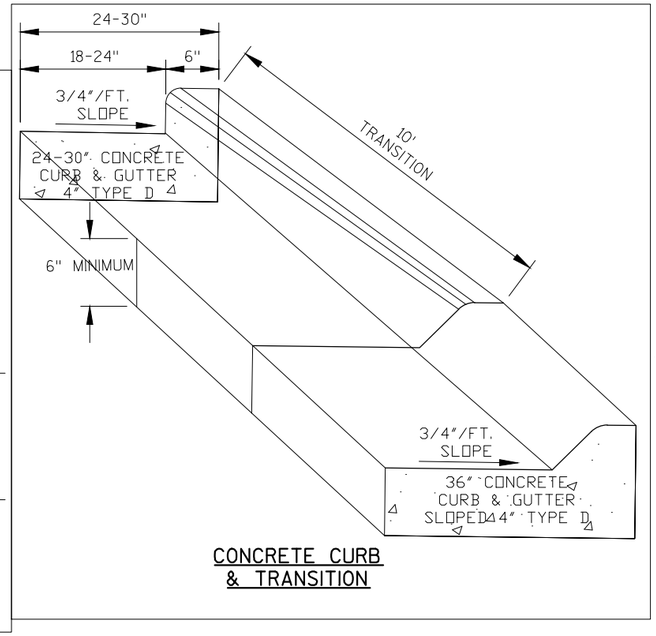
*REINFORCEMENT INCEDENTAL TO CONCRETE COLLAR BID ITEM

CONCRETE COLLAR DETAIL - R.C.P. TO C.M.P.

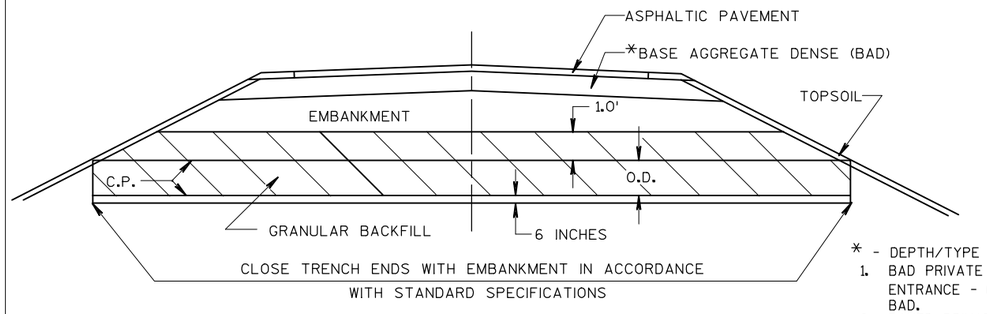
STH 67 STA. 197+56 LT
STH 67 STA. 197+96 RT



24" CONCRETE CURB AND GUTTER DETAIL



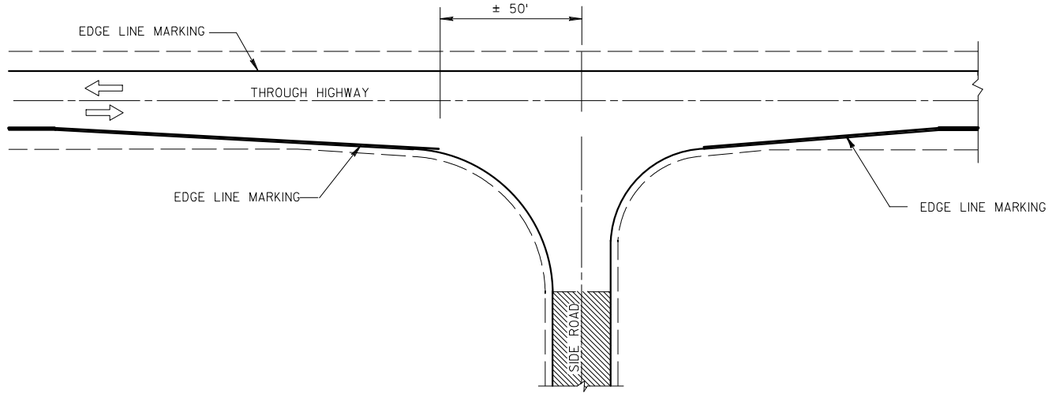
CONCRETE CURB & TRANSITION



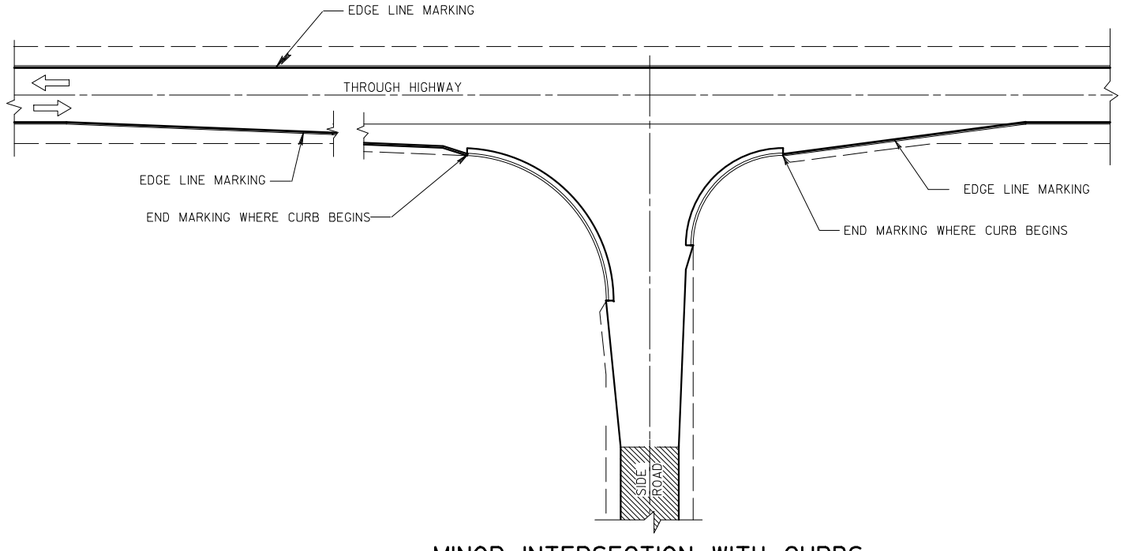
CULVERT BACKFILL DETAIL

* - DEPTH/TYPE OF BAD

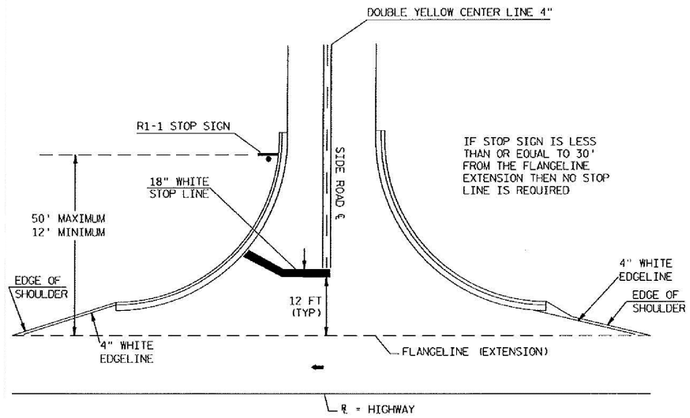
1. BAD PRIVATE ENTRANCE OR FIELD ENTRANCE - 6 INCHES OF 3/4 INCH BAD.
2. PAVED PRIVATE ENTRANCE - 6 INCHES OF 1 1/4 INCH BAD WITH 3" OF ASPHALTIC PAVEMENT.



MINOR INTERSECTION WITHOUT CURBS
(TYPICAL MARKING)



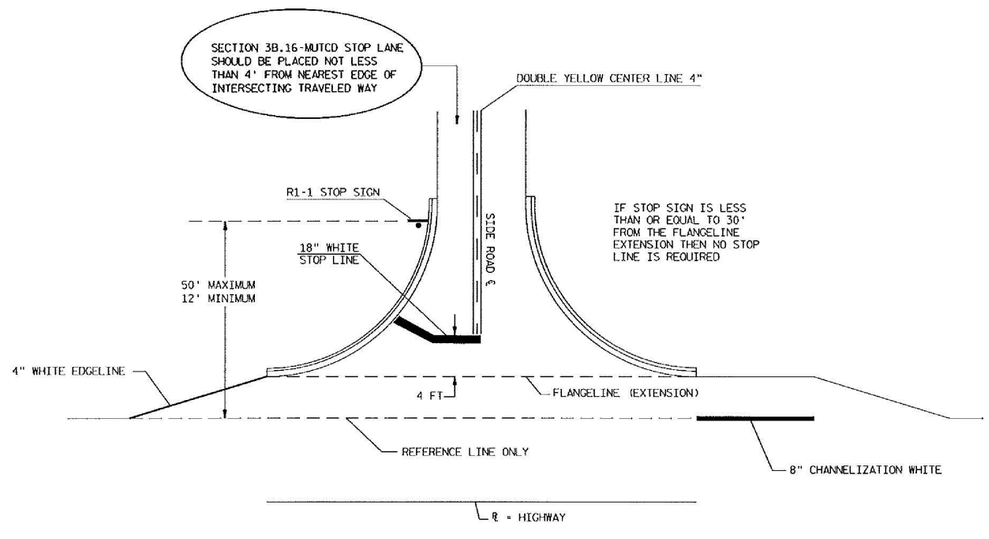
MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



TYPICAL PAVEMENT MARKING FOR SIDEROADS

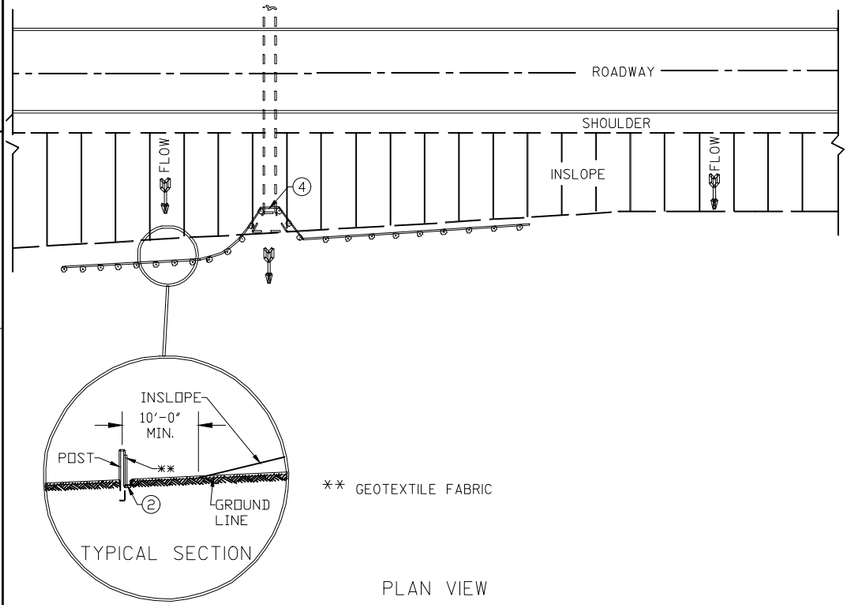
NOTES:
18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.

STOP LINES REQUIRED WHERE:
- CROSSWALK MARKINGS EXIST OR BEING PROVIDED
- LARGE RADII
- OFFSET LEFT TURNS WHERE STOP BAR FOR LEFT TURN IS SET BACK FROM THRU MOVEMENT.



TYPICAL PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE

CONSTRUCTION DETAIL FOR DOUBLE POST SILT FENCE, ITEM SPV.0090.03

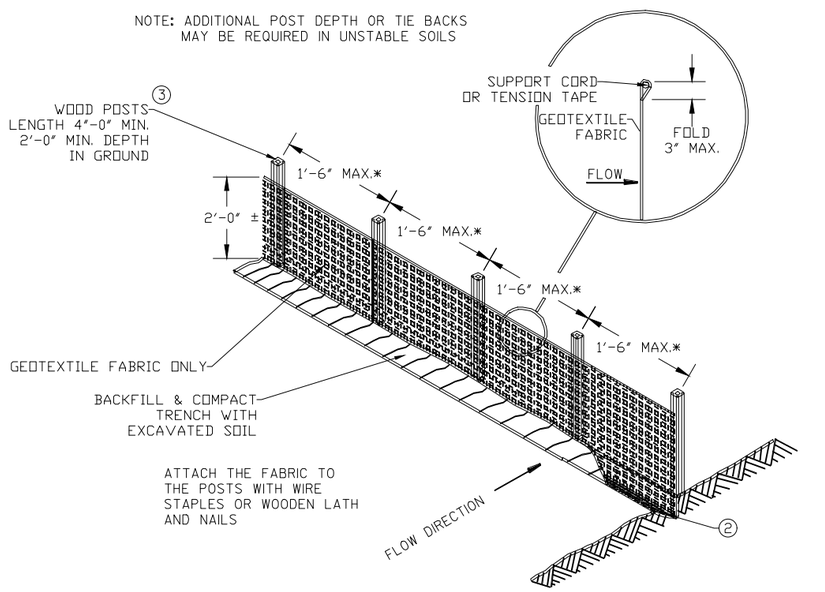


** GEOTEXTILE FABRIC

PLAN VIEW

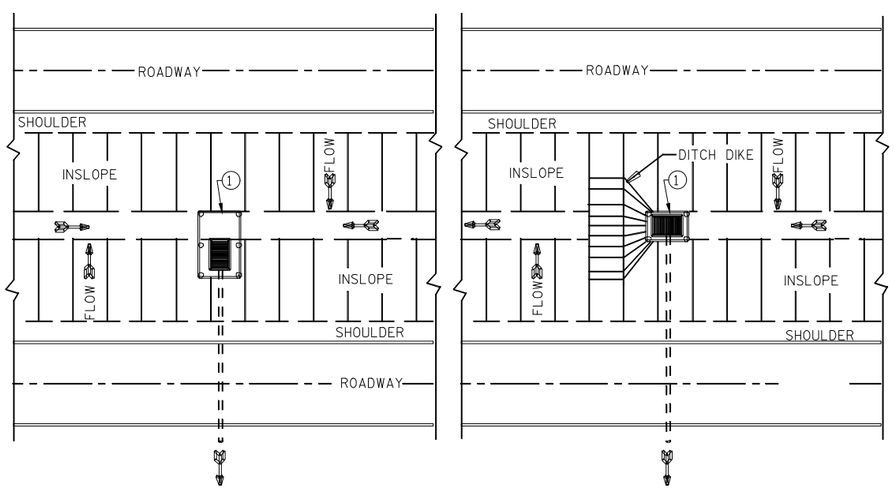
TYPICAL APPLICATION OF SILT FENCE

NOTICE: STANDARD POST SPACING HAS BEEN ALTERED TO DECREASE THE MAXIMUM POST SPACING.



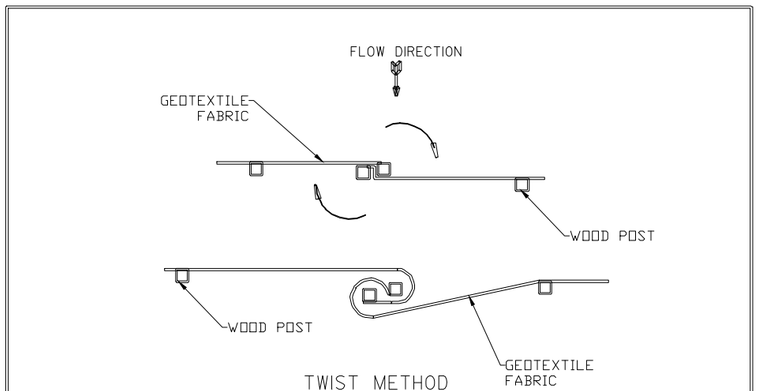
*NOTE: 4'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

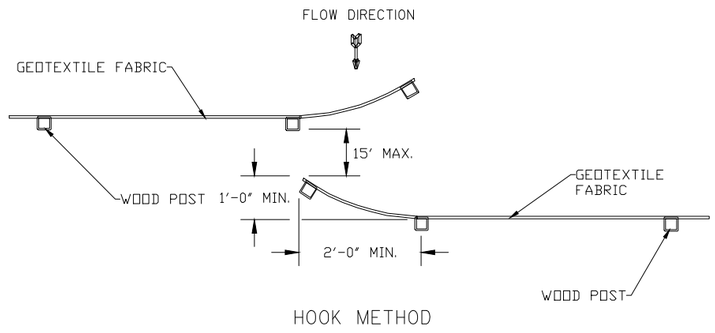
SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS



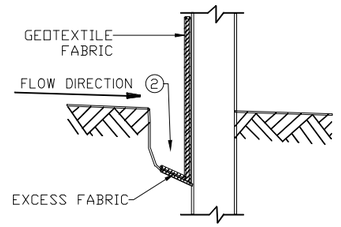


JOINING TWO LENGTHS OF SILT FENCE 5

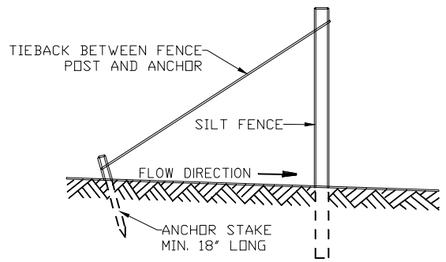
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

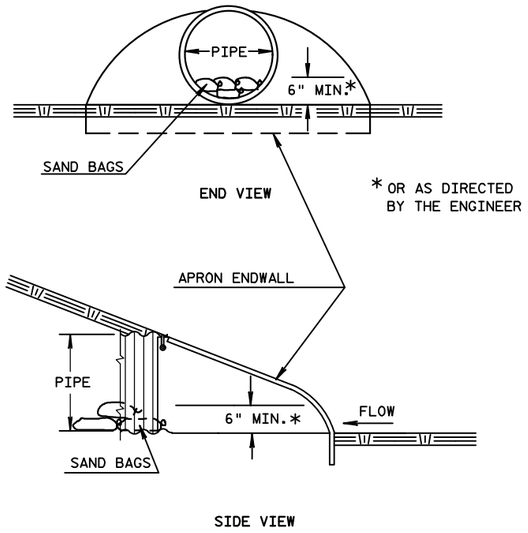
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF $1\frac{1}{8}$" X $1\frac{1}{8}$" 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.



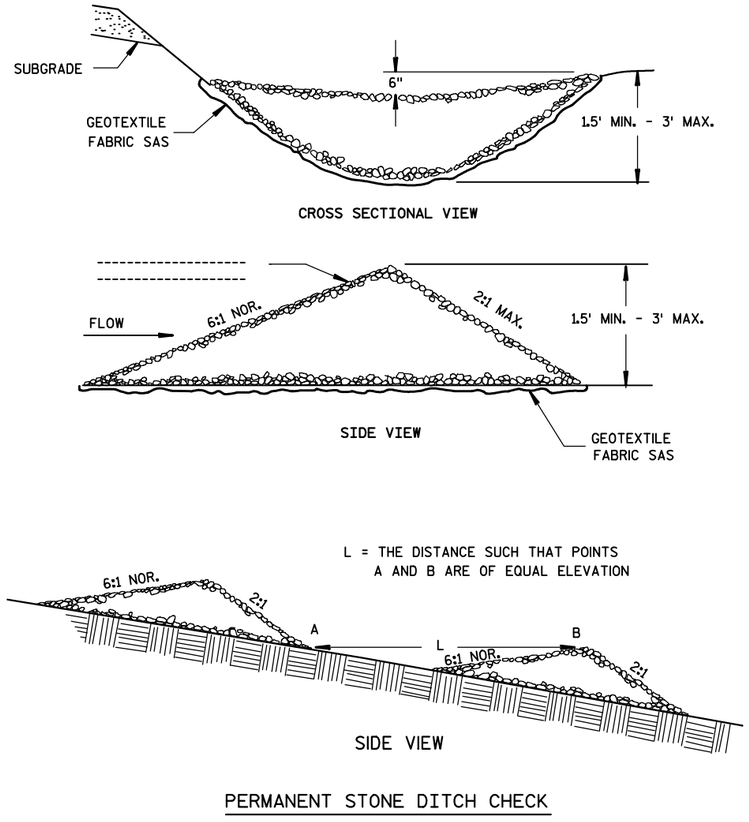
TRENCH DETAIL



SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)



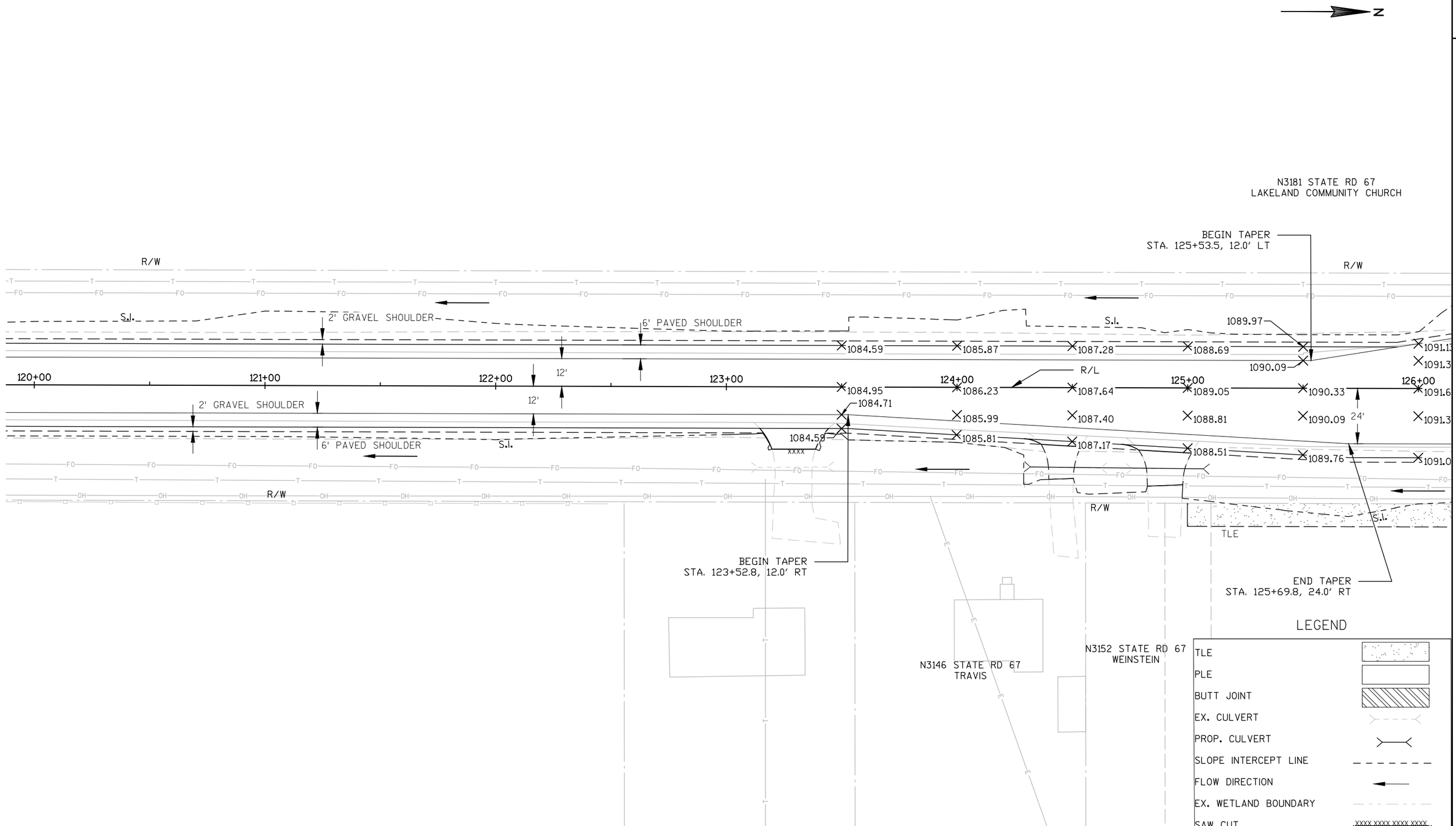
CULVERT PIPE DITCH CHECK



PERMANENT STONE DITCH CHECK

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 23	E

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

N

N3181 STATE RD 67
ELAND COMMUNITY CHURCH

END TAPER
126+56.2, 28.5' LT

R35'

R50'

BEGIN TAPER
STA. 129+78.4, 29.0' LT

R/W

S.I.

1091.13 1092.16 1093.09 1094.00 1094.90 1095.68 1096.46 1097.20 1097.98 1098.66 1099.35 1099.80

29'

2' GRAVEL SHOULDER

1090.09 1091.37 1092.40 1093.42 1094.33 1095.24 1096.02 1096.80 1097.54 1098.29 1098.89 1099.49

R/L

126+00 127+00 128+00 129+00 130+00 131+00

1090.33 1091.61 1092.64 1093.66 1094.57 1095.48 1096.26 1097.04 1097.78 1098.53 1099.13 1099.73 1100.16

24'

1094.33

2' GRAVEL SHOULDER

1089.76 1091.01 1092.04 1093.06 1093.97 1094.88 1095.69 1096.49 1097.28 1098.06 1098.70 1099.34 1099.80

6' PAVED SHOULDER

S.I.

R/W

R/W

S.I.

TLE

BEGIN TAPER
128+19.8, 24.0' RT

END TAPER
STA. 131+44.8, 12.0' RT

xxxx

N3202 STATE RD 67
COLLINS

N3176 STATE RD 67
PACZKOWSKI

LEGEND

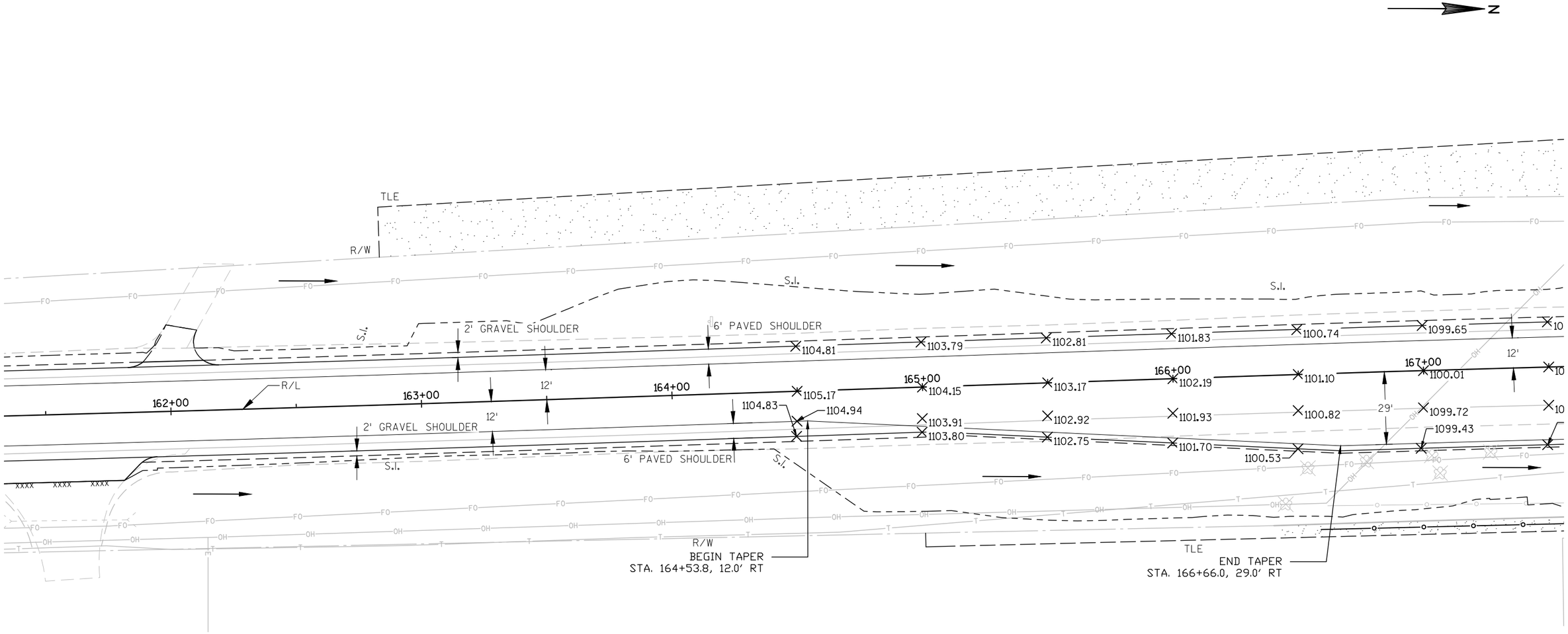
TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 24	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:52 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.



LEGEND

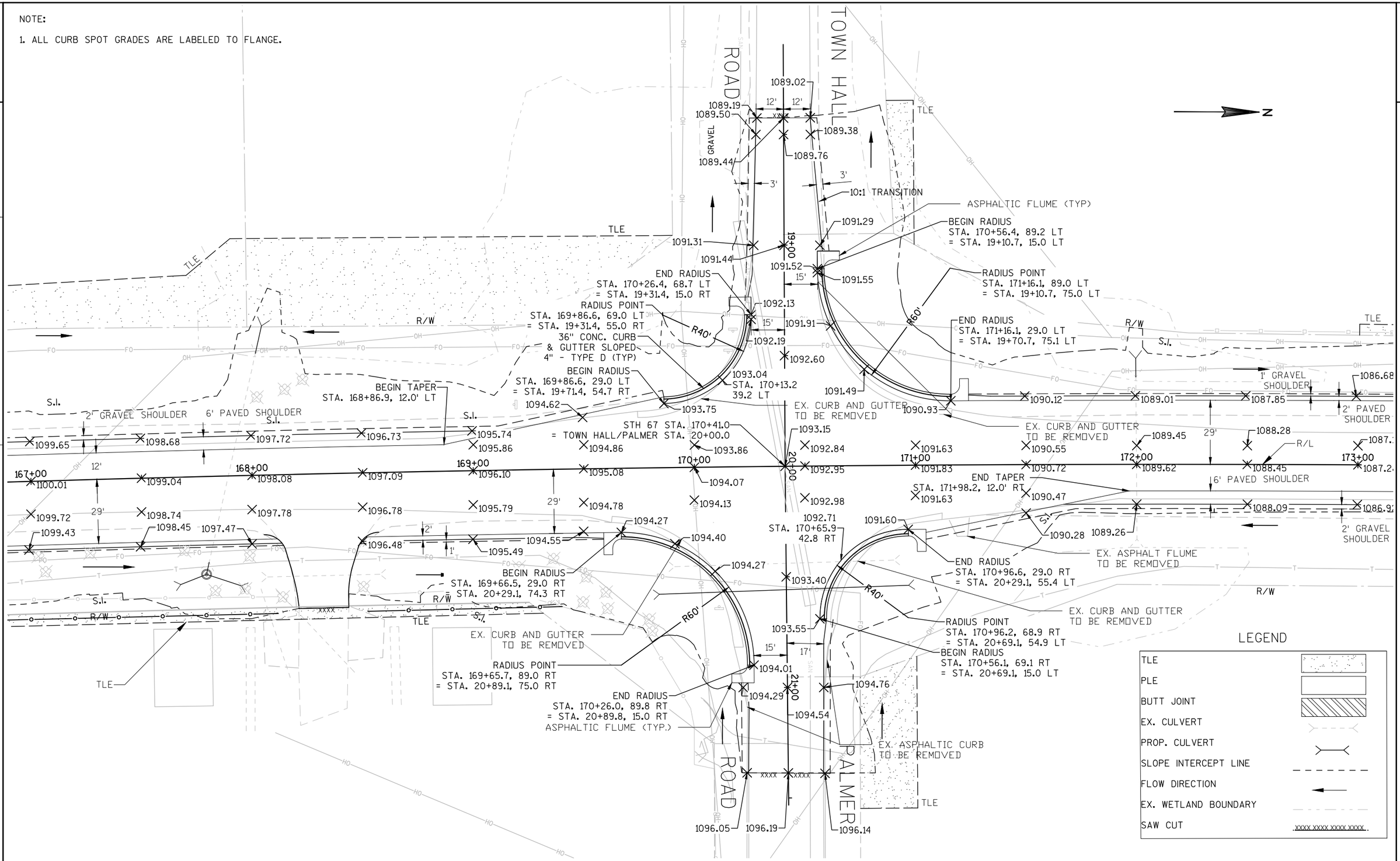
TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	XXXX XXXX XXXX XXXX

N3440 STATE RD 67
HWY 67 INDUSTRIAL PARK, LLC

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 25	E

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.



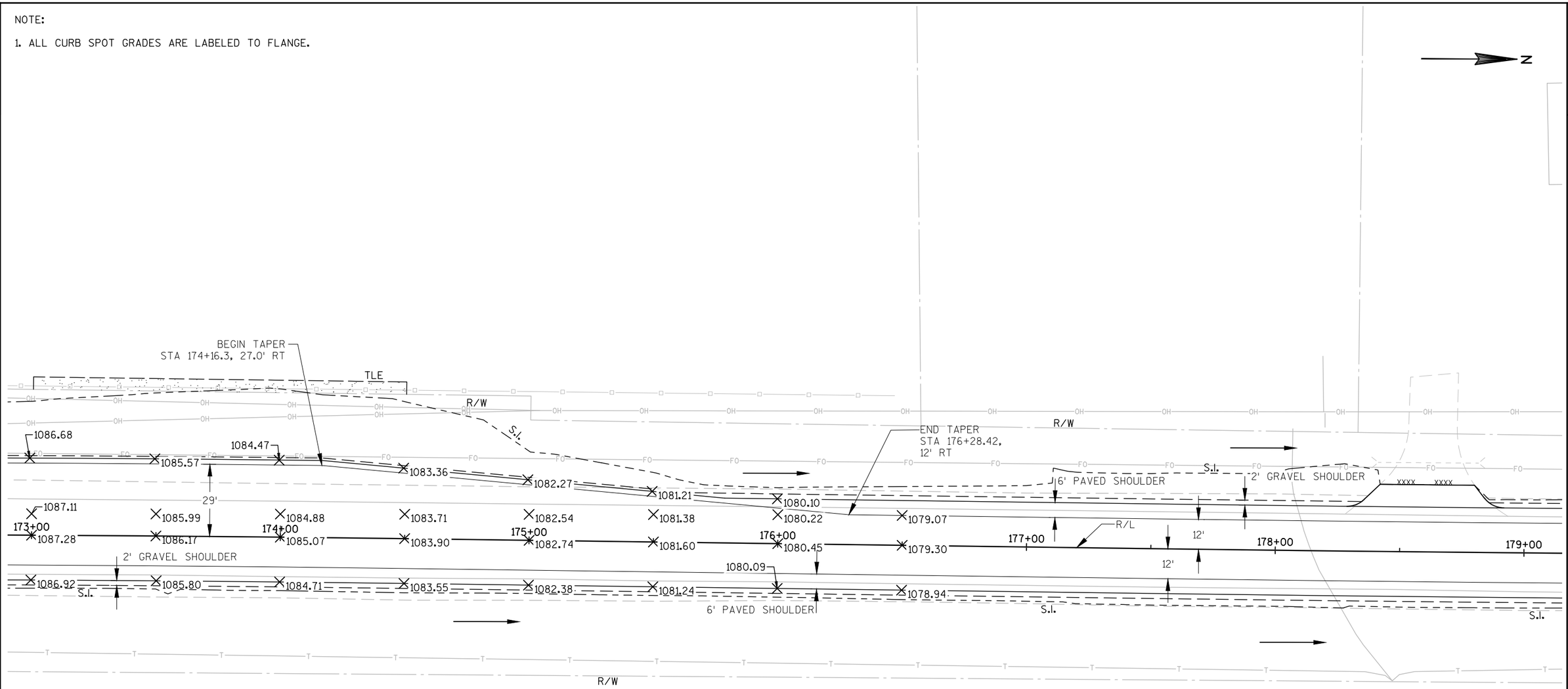
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 26	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:53 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.



LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 27	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:53 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

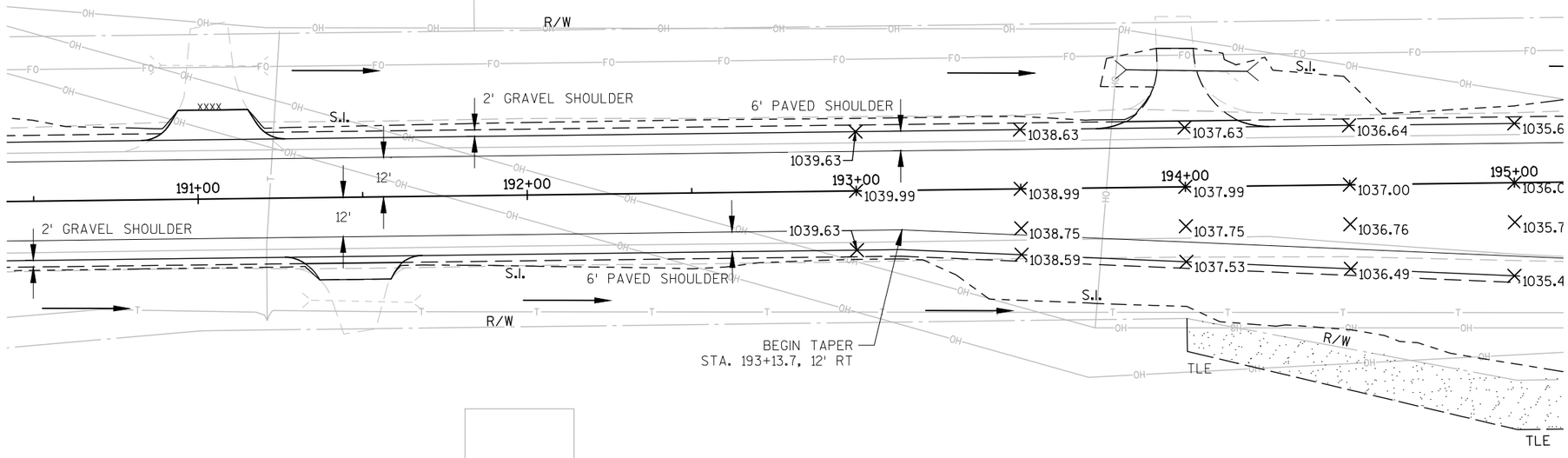
WISDOT/CADDS SHEET 42

2

3657 STATE RD 67
MANNETTE L. KENDZIOR TRUST

N

3681 STATE RD 67
SHODEEN



N3662 STATE RD 67
SNYDER

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

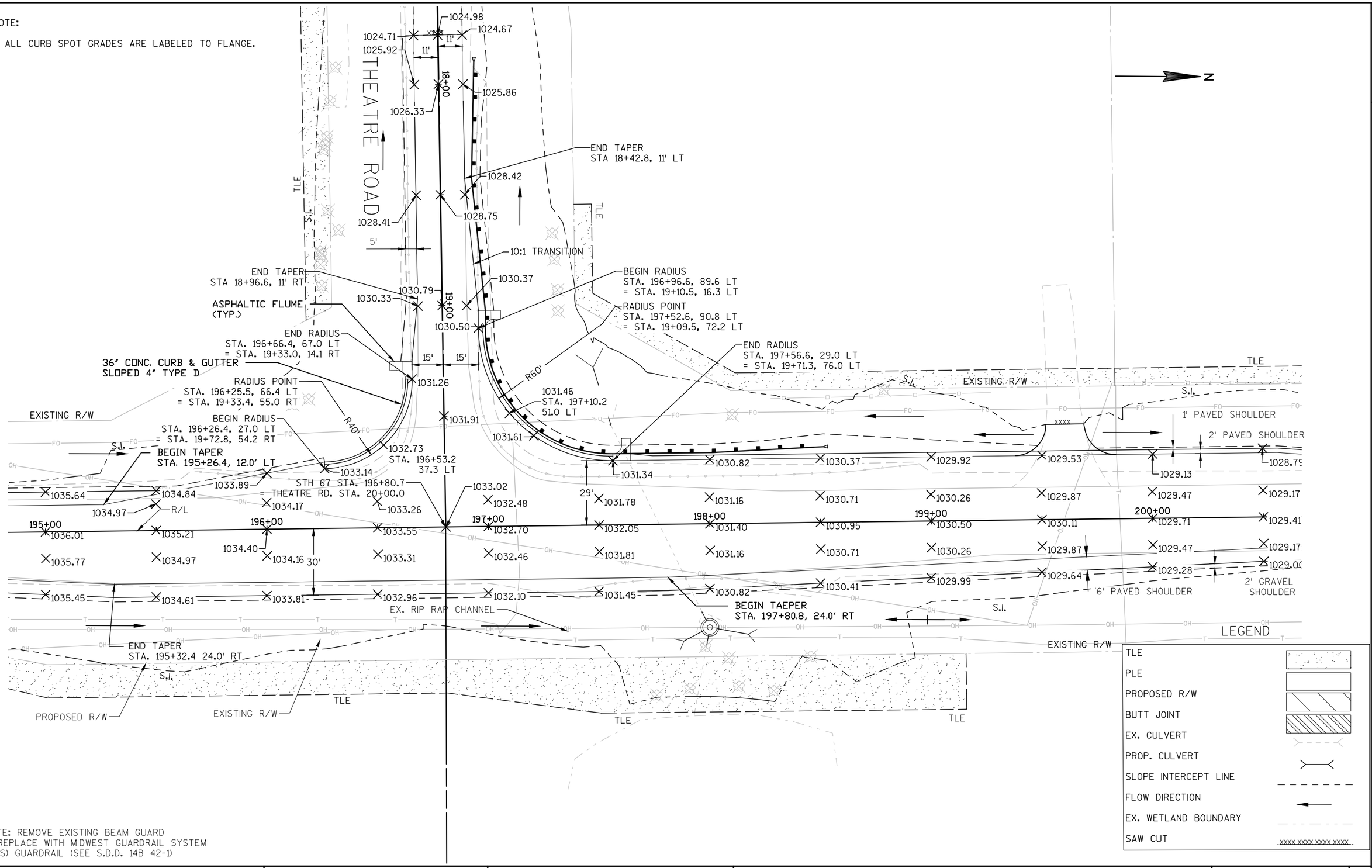
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 28	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:53 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

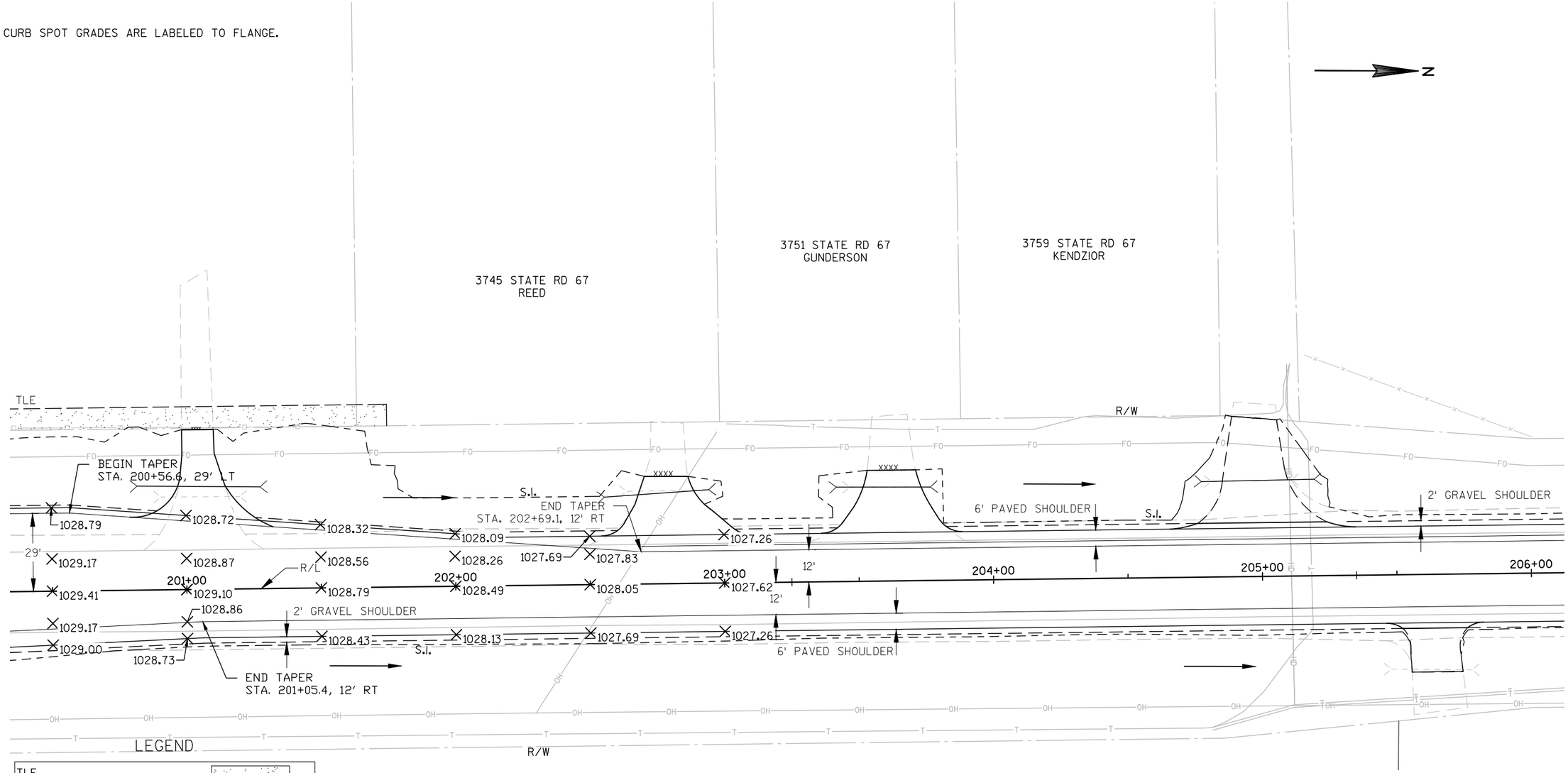


NOTE: REMOVE EXISTING BEAM GUARD
& REPLACE WITH MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL (SEE S.D.D. 14B 42-1)

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 29	E

NOTE:

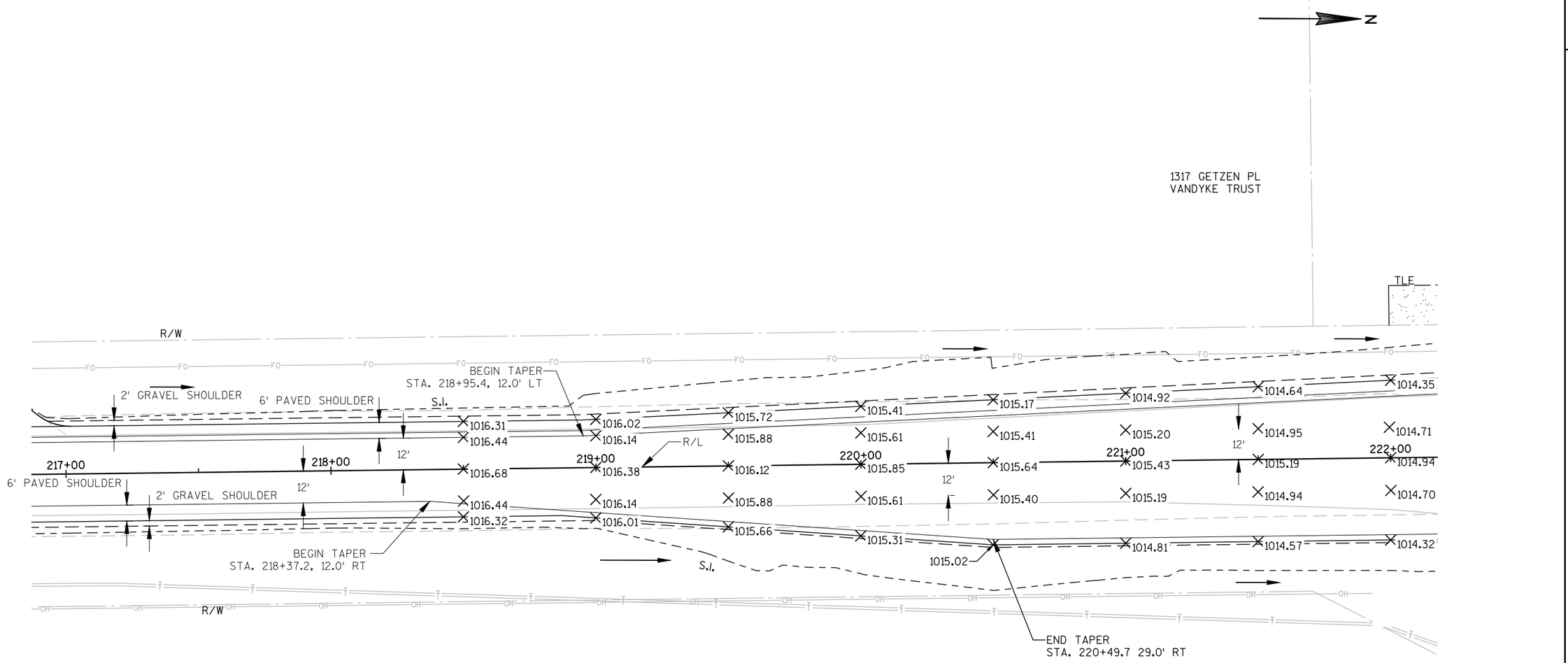
1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 30	E

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.



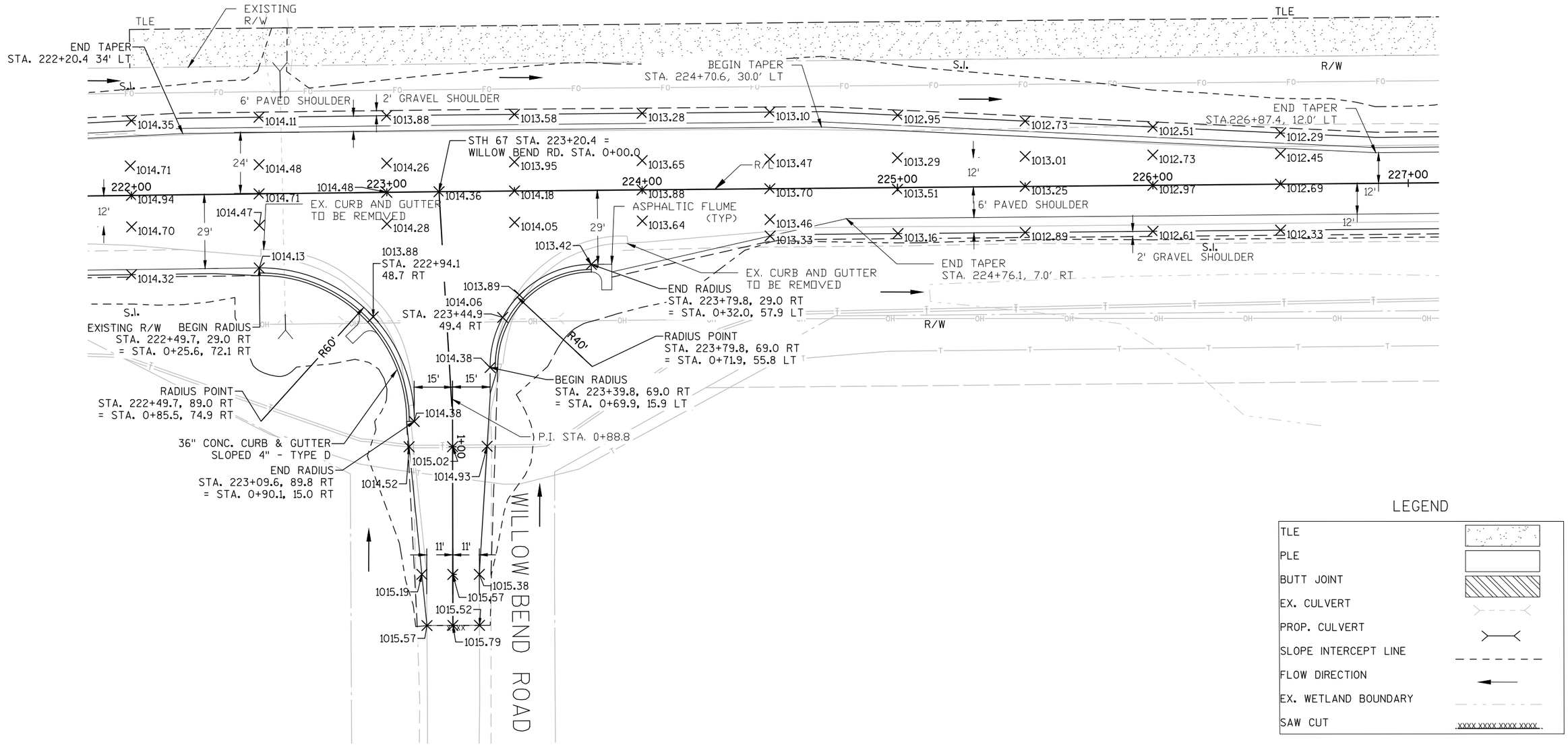
LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 31	E

NOTE:

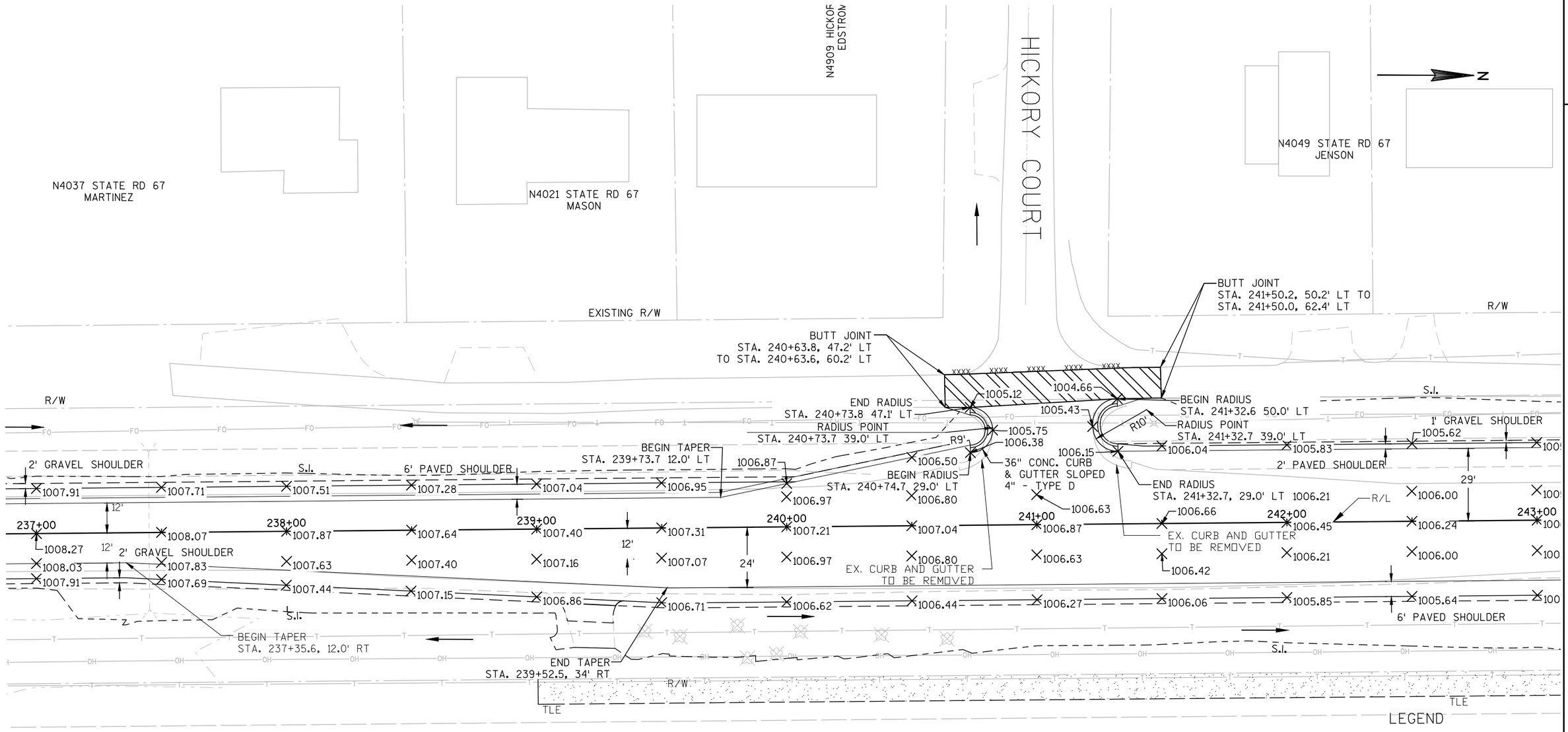
1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 32	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:53 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

2



LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 33	E

2

N

N4057 STATE RD 67
MORGAN

N4067 STATE RD 67
WUTTKE

BEGIN TAPER
STA. 243+32.7, 29.0' RT

END TAPER
STA. 244+45.2, 12' RT

R/W

1' GRAVEL SHOULDER

2' PAVED SHOULDER

2' GRAVEL SHOULDER

6' PAVED SHOULDER

S.I.

R/L

29'

12'

24'

	1005.41		1005.18		1005.05		1004.91		1004.71		1004.58		1004.44		1004.26		1004.08		1003.80		1003.53			
		1005.79		1005.51		1005.23		1005.03																
243+00		244+00				245+00				246+00		247+00		248+00										
	1006.03		1005.75		1005.47		1005.27		1005.07		1004.94		1004.80		1004.62		1004.44		1004.16		1003.8			
		1005.78		1005.51		1005.23		1005.03		1004.83		1004.69		1004.56		1004.38		1004.20		1003.92		1003.6		
	1005.43		1005.15		1004.88		1004.69		1004.45		1004.32		1004.18		1004.00		1003.82		1003.54		1003.2			

BEGIN TAPER
STA. 244+22.2, 15' RT

END TAPER
STA. 244+86.9, 29' RT

TLE

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	XXXX XXXX XXXX XXXX

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 34	E

2

4905 MOUND ROAD
GANHS

MOUND ROAD

N4111 STATE RD 67
MOUND ROAD FARMS

N

TLE

12' 12'

1002.92

1002.95

1003.17

3'

10:1 TRANSITION

1003.48

BEGIN TAPER
STA. 19+00.9, 11.6' RT

3'

19+00

1003.29

BEGIN RADIUS
STA. 249+76.2, 89.4 LT
= STA. 19+10.4, 15.0 LT

1002.95

1003.27

RADIUS POINT
STA. 250+36.2, 89.0 LT
= STA. 19+10.1, 75.0 LT

END RADIUS
STA. 249+46.1, 68.6 LT
= STA. 19+31.6, 15.0 RT

1002.72

15' 15'

R60'

RADIUS POINT
STA. 249+06.1, 69.0 LT
= STA. 19+31.7, 55.0 RT

R40'

END RADIUS
STA. 250+35.8, 29.0 LT
= STA. 19+70.1, 75.3 LT

PLE

S.I.

BEGIN TAPER
STA. 248+05.8, 12.0' LT

BEGIN RADIUS
STA. 249+05.8, 29.0 LT
= STA. 19+71.7, 54.8 RT

1003.29

1002.83
STA. 249+96.5
44.1 LT

ASPHALTIC
FLUME (TYP.)

R/W

1000.60

1' GRAVEL SHOULDER

1001.40

1003.53

1002.91

1003.11

1002.29

1001.87

1001.09

1000.10

2' PAVED SHOULDER

EX. CURB AND GUTTER
TO BE REMOVED

1002.45

EX. CURB AND GUTTER
TO BE REMOVED

1003.32

STH 67 STA. 249+60.2 =
MOUND/REMER RD STA. 20+00.0

1001.87

29'

41'

1001.48

R/L

1000.98

1000.49

1003.65

1003.39

1003.57

1003.49

1003.14

1002.68

1002.25

248+00

249+00

250+00

251+00

252+00

253+00

1003.89

1003.81

1003.73

1003.53

20+00

1003.49

1003.33

1002.91

1002.49

1001.71

1001.22

1000.73

1002.10

12'

1002.25

1001.47

1000.

1003.64

1003.56

29'

1003.49

1003.37

1003.15

1002.67

1000.98

1000.86

1001.74

6' PAVED SHOULDER

2' GRAVEL
SHOULDER

S.I.

1001.36

BEGIN TAPER
STA. 252+03.9, 12.0' RT

1000.32

EX. CURB AND GUTTER
TO BE REMOVED

1002.64

1002.38

EX. CURB AND GUTTER
TO BE REMOVED

1002.13

S.I.

1003.27

1003.19

1003.17

1003.04
STA. 249+89.1
39.7 RT

1003.01
STA. 249+34.2
52.5 RT

BEGIN RADIUS
STA. 248+86.6, 29.0 RT
= STA. 20+28.2, 73.9 RT

S.I.

1003.42

R40'

BEGIN RADIUS
STA. 250+16.4, 29.0 RT
= STA. 20+29.7, 55.8 LT

END TAPER
STA. 251+16.4, 12.0' RT

15'

RADIUS POINT
STA. 250+01.2, 58.8 RT
= STA. 20+59.3, 40.2 LT

1003.29

R60'

RADIUS POINT
STA. 249+12.5, 68.5 RT
= STA. 20+67.9, 48.4 RT

36" CONC. CURB & GUTTER
SLOPED 4" TYPE D

R/W

TLE

15'

END RADIUS
STA. 249+46.6, 87.8 RT
= STA. 20+87.6, 14.6 RT

1003.48

21+00

1003.66

END RADIUS
STA. 249+76.4, 69.7 RT
= STA. 20+69.9, 15.3 LT

10:1 TRANSITION

1003.64

3'

1003.89

3'

END TAPER
STA 20+99.6, 11.7' LT

210 E
REMER RD

EXISTING WATER,
SAN, STRM SEWER
EASMENT

1004.01

1004.14

1004.01

REMER ROAD

LEGEND

- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 35	E

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

N4133 STATE RD 67
FONTANA LAND CO. LLC

N4159 STATE RD 67
SCHULZ

N

BEGIN TAPER
STA. 254+24.5, 29.0' LT

END TAPER
STA. 254+87.0, 24.0' LT

PLE

TLE

R/W

STH 67 STA. 256+92.0
= GRANT ST. STA. 0+00.0

2' PAVED SHOULDER

1' GRAVEL SHOULDER

2' GRAVEL SHOULDER

5' PAVED SHOULDER

EX. CURB AND GUTTER
TO BE REMOVED

BEGIN TAPER
STA. 258+42.7, 24.0' LT

END TAPER
STA. 254+16.4, 29.0' RT

BEGIN RADIUS
STA. 256+16.4, 29.0 RT
= STA. 0+29.0, 75.6 RT

36" CONC. CURB
& GUTTER SLOPED
4" TYPE D

END RADIUS
STA. 257+48.2, 29.0 RT
= STA. 0+29.0, 56.3 LT

END TAPER
STA. 258+47.9, 12.0' RT

SIDEWALK
TO BE REMOVED

ASPHALTIC FLUME (TYP.)

RADIUS POINT
STA. 257+48.0, 69.0 RT
= STA. 0+69.0, 56.0 LT

PROP. CURB RAMPS - TYPE 2

RADIUS POINT
STA. 256+15.7, 89.1 RT
= STA. 0+89.1, 76.3

END RADIUS
STA. 256+76.0, 89.4 RT
= STA. 0+89.4, 16.0 RT

BEGIN RADIUS
STA. 257+08.0, 68.7 RT
= STA. 0+68.7, 16.0 LT

10' TRANSITION TO
30" CURB & GUTTER

EXISTING 4' WIDE
SIDEWALK (TYP.)

30" CONC.
CURB & GUTTER
TYPE D

PROP. CONCRETE
DRIVEWAY 6-INCH

CONCRETE
P.E.

GRANT STREET

EXISTING WATER,
SAN, STRM SEWER
EASMENT

209 E
GRANT ST
ARLINGTON
INVESTMENTS

1522 E
GRANT ST
RED OAK
DEVELOPMENT

LEGEND

- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 36	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:54 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

2

N

TLE

R/W

2' GRAVEL SHOULDER

S.I.

END TAPER
STA. 260+ 59.8, 12.0' LT

6' PAVED SHOULDER

BEGIN TAPER
STA. 262+52.6, 18.0' LT

END TAPER
STA. 263+02.6,
22.0' LT

986.35 984.61 982.88 980.94 981.06 973.03 970.97 969.15 967.38 965.79

986.62 984.84 983.05

259+00 986.86 | 260+00 985.08 | 983.29 | 261+00 981.30 | 12' | 262+00 973.39 | R/L | 263+00 971.41 | 969.59 | 264+00 967.82 | 966.23 | 265+00 964.6

12' 6' PAVED SHOULDER

2' GRAVEL SHOULDER

986.50 984.72 982.93 980.94 973.03 971.02 969.16 967.38 965.79

S.I.

XXXX XXXX

BEGIN TAPER
STA. 262+87.1, 18.0' RT

END TAPER
STA. 263+37.1,
22.0' RT

R/W

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	XXXX XXXX XXXX XXXX

NOTE:

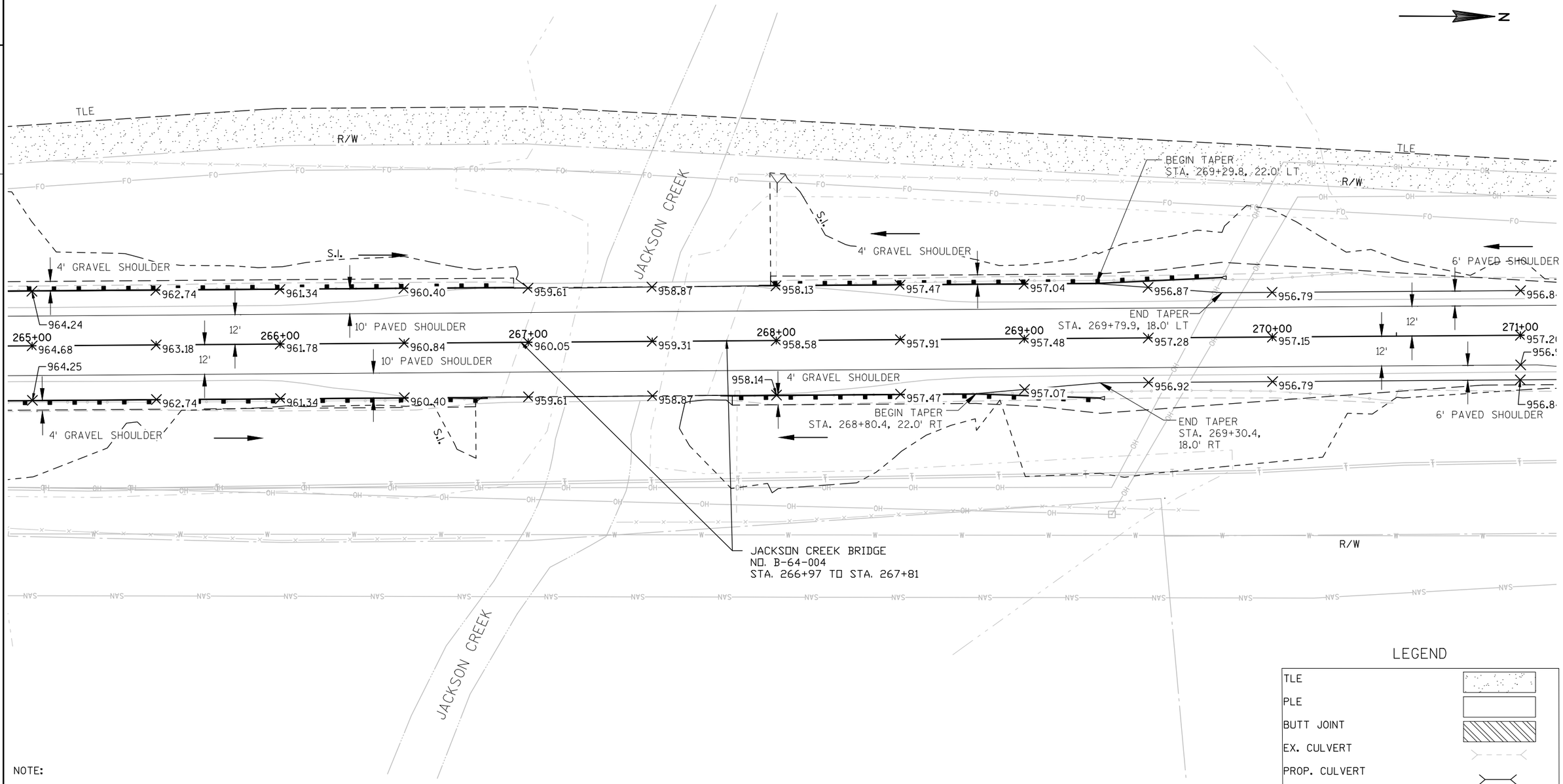
1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 37	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:54 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

2



NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

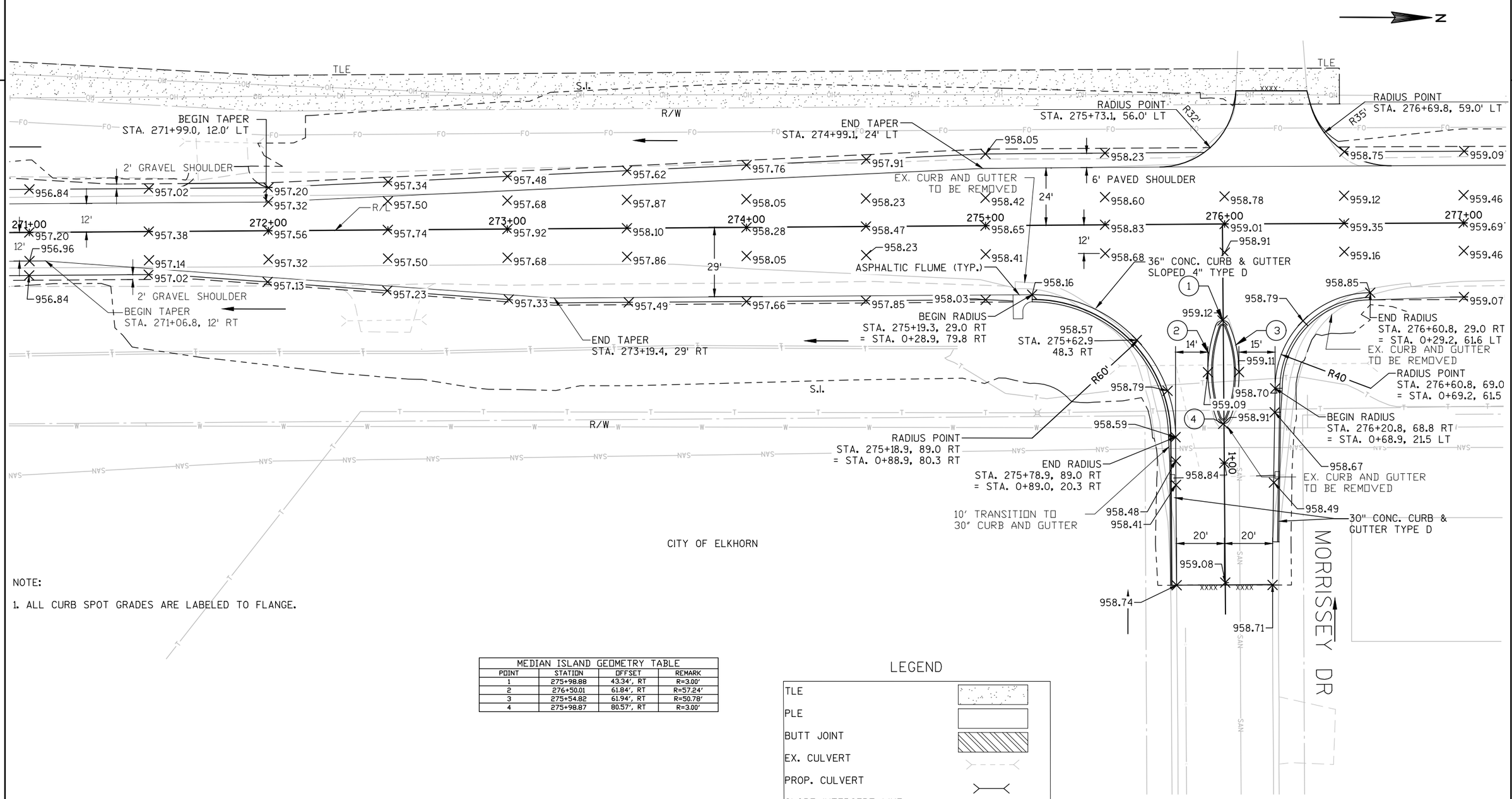
LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 38	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:54 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

2



CITY OF ELKHORN

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

MEDIAN ISLAND GEOMETRY TABLE			
POINT	STATION	OFFSET	REMARK
1	275+98.88	43.34', RT	R=3.00'
2	276+50.01	61.84', RT	R=57.24'
3	275+54.82	61.94', RT	R=50.78'
4	275+98.87	80.57', RT	R=3.00'

LEGEND

- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT

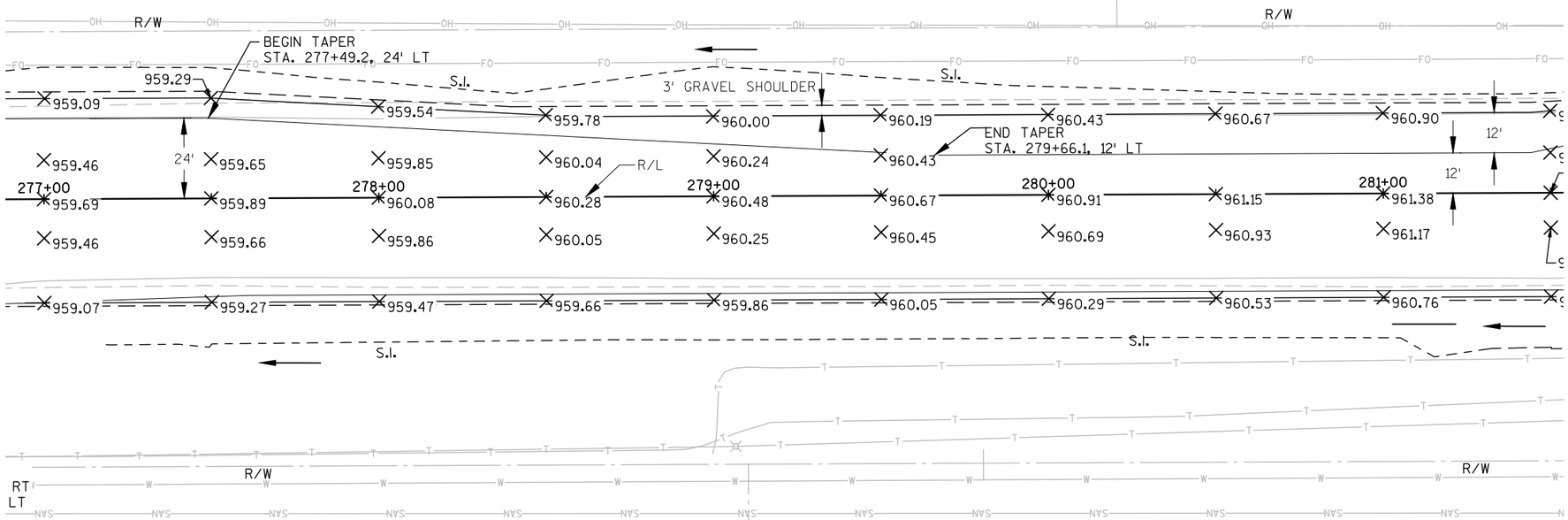
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 39	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:54 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

2

N

M&P TASCH PROPERTIES LLC



1311 S LINCOLN ST
BROWER-FREMGEN VENTURES

205 E O'CONNOR DR
DVM OF ELKHORN

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 40	E

2

N

M&P TASCH PROPERTIES LLC

24" CONC. CURB & GUTTER TYPE D (TYP.)
END RADIUS
STA. 282+94.7, 83.8 LT
= STA. 1+34.0, 29.6 RT

RADIUS POINT
STA. 282+44.4, 79.0 LT
= STA. 1+38.0, 79.9 RT

BEGIN RADIUS
STA. 282+44.2, 29.0 LT
= STA. 1+88.0, 80.9 RT

EX. CURB AND GUTTER TO BE REMOVED

EX. CURB AND GUTTER TO BE REMOVED

EX. CURB AND GUTTER TO BE REMOVED

EX. CURB AND GUTTER TO BE REMOVED

EX. CURB AND GUTTER TO BE REMOVED

10' TRANSITION TO 24" CURB & GUTTER

BEGIN RADIUS
STA. 283+50.4, 82.3 LT
= STA. 1+36.4, 26.2 LT

RADIUS POINT
STA. 284+05.4, 84.0 LT
= STA. 1+35.6, 81.2 LT

END RADIUS
STA. 284+05.2, 29.0 LT
= STA. 1+90.6, 80.0 LT

END RADIUS
STA. 284+07.2, 29.0 RT
= STA. 2+50.0, 80.5 LT

BEGIN RADIUS
STA. 282+45.8, 29.0 RT
= STA. 2+44.5, 80.7 RT

RADIUS POINT
STA. 282+45.6, 84.0 RT
= STA. 2+99.5, 82.8 RT

END RADIUS
STA. 283+00.6, 82.1 RT
= STA. 2+99.5, 27.8 RT

RADIUS POINT
STA. 284+06.9, 79.0 RT
= STA. 3+00.0, 78.6 LT

10' TRANSITION TO 24" CURB & GUTTER

BEGIN RADIUS
STA. 283+57.0, 80.7 RT
= STA. 3+00.0, 28.6 LT

24" CURB & GUTTER TYPE D

36" CONC. CURB & GUTTER SLOPED 4" TYPE D

10' TRANSITION TO 24" CURB & GUTTER

END TAPER
STA. 286+50.0, 27.0' LT
EXISTING R/W

BEGIN TAPER
STA. 286+05.2, 29.0' LT

2' PAVED SHOULDER

1' GRAVEL SHOULDER

3' GRAVEL SHOULDER

S.I.

R/W

R/L

TLE

PLE

22'

21'

30'

26'

28'

29'

27'

12'

3.00

R55'

R50'

960.00 960.36 960.36 960.32 959.87 960.06 960.66 961.22 962.42 962.54 962.66 962.62 961.57 960.63 961.29 961.17 961.81 961.44 STA. 282+76.5 40.7 LT 961.64 961.29 961.13 961.72 961.92 961.62 961.38 961.62 962.09 962.14 962.11 962.49 962.80 962.92 963.04 963.00 962.16 961.41 961.00 961.24 961.86 962.10 962.33 962.45 962.57 962.81 963.04 963.28 963.24 963.09 963.05 963.16 962.97 962.62 962.50 962.74 962.70 961.65 961.89 961.48 961.26 961.95 962.14 962.22 961.63 961.11 961.71 961.41 962.06 961.06 961.25 961.14 961.02 961.18 961.01 961.74 961.19 961.08 962.34 962.10 961.85

1+00 2+00 3+00 282+00 283+00 284+00 285+00 286+00

OCONNER DR

210 E O'CONNOR DR
IMC DEVELOPMENT LLC

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx xxxx xxxx

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 41	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 INTERSECTION DETAILS.DWG PLOT DATE : 4/28/2017 6:54 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

2

LEGEND

TLE
PLE
BUTT JOINT
EX. CULVERT
PROP. CULVERT
SLOPE INTERCEPT LINE
FLOW DIRECTION
EX. WETLAND BOUNDARY
SAW CUT xxxx xxxx xxxx xxxx

N

E COMMERCE CT

195 E COMMERCE CT
TASCH HOLDINGS LLC

TASCH DEVELOPMENT

10' TRANSITION TO 30" CURB & GUTTER

30" CONC. CURB & GUTTER TYPE D (TYP.)

END RADIUS
STA. 290+27.6, 68.0 LT
= STA. 2+32.1, 27.9 RT

BEGIN RADIUS
STA. 290+81.6, 91.0 LT
= STA. 2+08.7, 25.9 LT

RADIUS POINT
STA. 291+41.6, 92.3 LT
= STA. 2+07.0, 85.9 LT

R60'

10' TRANSITION TO 30" CURB & GUTTER

R40'

RADIUS POINT
STA. 289+87.6, 69.0 LT
= STA. 2+31.4, 67.9 RT

END TAPER
STA. 286+50.0, 27.0' LT

EXISTING R/W

3' GRAVEL SHOULDER

S.I.

BEGIN RADIUS
STA. 289+87.4, 29.0 LT
= STA. 2+71.4, 67.8 RT

EX. CURB AND GUTTER TO BE REMOVED

STH 67 STA. 290+54.9
= COMMERCE DR. STA. 3+00.0

END RADIUS
STA. 291+44.7, 32.3 LT
= STA. 2+66.9, 89.5 LT

END PROJECT

BUTT JOINT
STA. 291+50.0

R/L

27'

29'

2' PAVED SHOULDER

1' GRAVEL SHOULDER

BEGIN TAPER
STA. 287+47.2, 27.0' RT

END TAPER
STA 287+72.2, 29.0' RT

BEGIN RADIUS
STA. 289+72.2, 29.0 RT
= STA. 3+29.0, 82.7 RT

EX. CURB AND GUTTER TO BE REMOVED

36" CONC. CURB & GUTTER SLOPED 4" TYPE D

END RADIUS
STA. 291+32.9, 29.0 RT
= STA. 3+28.9, 78.0 LT

EX. CURB AND GUTTER TO BE REMOVED

STA. 290+95.6
45.5 RT

RADIUS POINT
STA. 291+32.7, 79.0 RT
= STA. 3+82.8, 77.6 LT

BEGIN RADIUS
STA. 290+82.7, 81.6 RT
= STA. 3+82.9, 27.6 LT

R55'

R50'

RADIUS POINT
STA. 289+72.0, 84.0 RT
= STA. 3+79.8, 83.1 RT

205 E COMMERCE CT
THIES-MAGILL REAL ESTATE

END RADIUS
STA. 290+26.9, 80.9 RT
= STA. 3+79.4, 28.1 RT

204 E COMMERCE CT
KEEFE-VK BUILDING, LLC

209 E COMMERCE CT
209 E COMMERCE CT LLC

10' TRANSITION TO 24" CURB & GUTTER

24" CONC. CURB & GUTTER TYPE D

COMMERCE DR

MEDIAN ISLAND GEOMETRY TABLE			
POINT	STATION	OFFSET	REMARK
1	290+54.67	40.99', RT	R=3.87'
2	291+60.00	61.56', RT	R=78.09'
3	289+18.99	68.56', RT	R=142.32'
4	290+47.94	59.32', RT	
5	290+61.25	64.39', RT	
6	290+47.76	77.07', RT	
7	290+61.44	77.63', RT	

NOTE:

1. ALL CURB SPOT GRADES ARE LABELED TO FLANGE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL	SHEET 42	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N

WE ENERGIES 3" BURIED GAS MAIN AND LATERALS

3045 STATE RD 67
ROSELAWN MEMORY GARDENS

AT&T BURIED PHONE AND FIBER OPTIC LINES

TRANSITIONS FROM EX. TO TYP. SECTION

STA. 112+00

BEGIN PROJECT
STA. 112+00.0
Y = 340,300.82
X = 763,227.18

STA. 113+23.7

R/W

2' GRAVEL SHOULDER

6' PAVED SHOULDER

12'

12'

2' GRAVEL SHOULDER

6' PAVED SHOULDER

50' BUTT JOINT

R/W

R/L

108+00

109+00

110+00

111+00

112+00

113+00

ALLIANT ENERGY OVERHEAD ELECTRIC LINES
AT&T BURIED PHONE LINE

STA: 112+27. 50.0', RT
12.4' BASE AGGREGATE DENSE

N3026 STATE RD 67
LENZ

N3042 STATE RD 67
WEINSTEIN

N3054 STATE RD 67
KINNEY

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 43	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN DETAILS.DWG PLOT DATE : 4/28/2017 1:19 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N

AT&T BURIED PHONE AND FIBER OPTIC LINES

WE ENERGIES 3" BURIED GAS MAIN AND LATERALS

SECTION CORNER TO BE REPLACED, NOTIFY SEWRPC PRIOR TO DISTURBANCE

R/W

R/W

S.I.

S.I.

6' PAVED SHOULDER

2' GRAVEL SHOULDER

R/L

114+00

115+00

116+00

117+00

118+00

119+00

120+00

12'

12'

6' PAVED SHOULDER

2' GRAVEL SHOULDER

S.I.

XXXX

R/W

R/W

ALLIANT ENERGY OVERHEAD ELECTRIC LINES

AT&T BURIED PHONE LINE

APPROXIMATE DRIVEWAY LOCATION

N3140 STATE RD 67
WILLIAMS

STA: 118+93, 28.2', RT
15' P.E.
ASPHALT

LEGEND

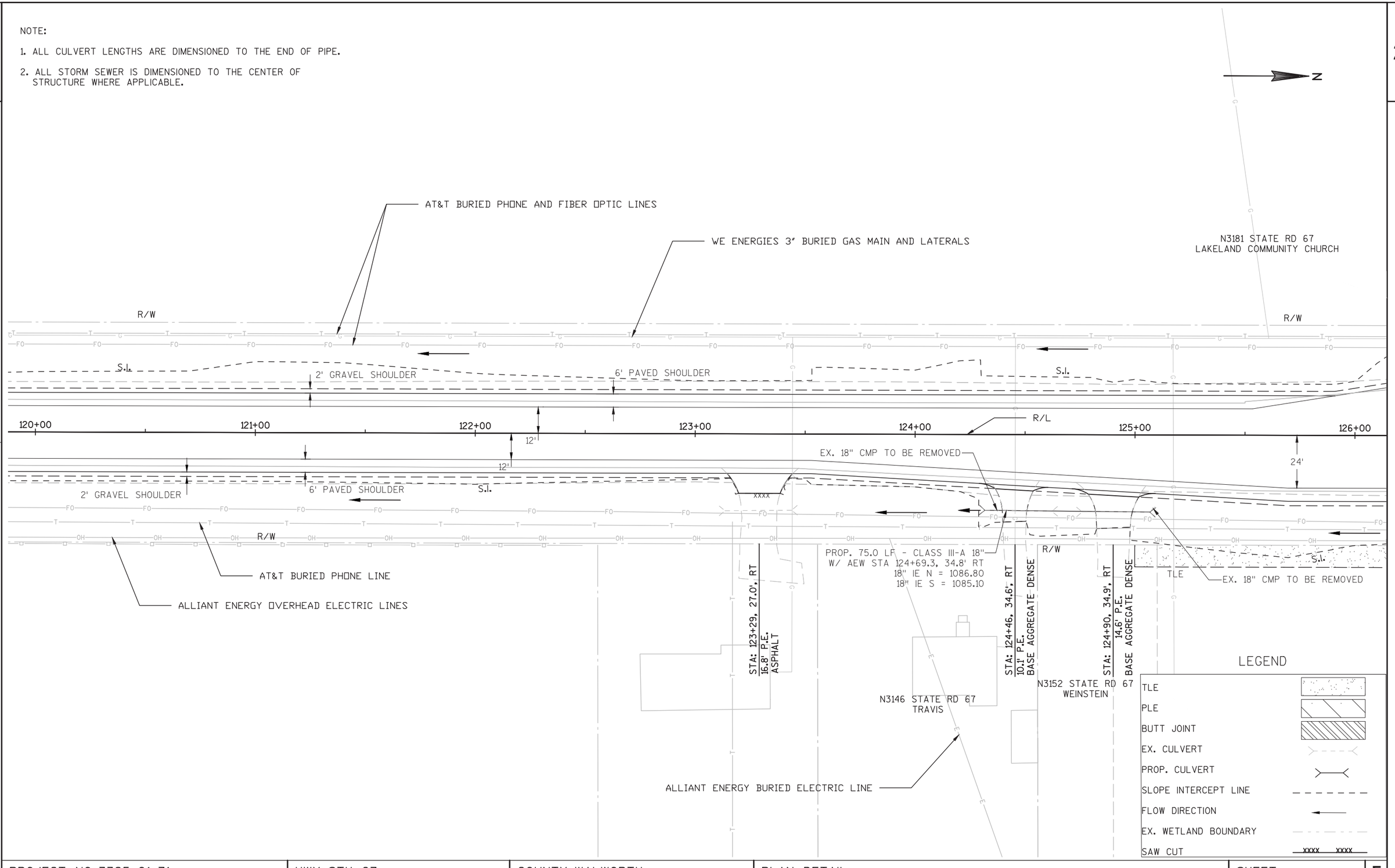
TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	XXXX XXXX

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 44	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 45	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N

EX. 18" CMP TO BE REMOVED
PROP. 97.0 LF - CLASS III-A
18" W/METAL AEW
STA. 127+13.5, 43.4' LT
18" IE N = 1091.00
18" IE S = 1089.75

STA: 127+12, 49', LT
56.9' C.E.
ASPHALT

ALLIANT ENERGY BURIED ELECTRIC LINE

AT&T BURIED PHONE AND FIBER OPTIC LINES

WE ENERGIES 3" BURIED GAS MAIN AND LATERALS

N3181 STATE RD 67
ELAND COMMUNITY CHURCH

RADIUS POINT
STA. 126+50.7, 63.0 LT

R35'

RADIUS POINT
STA. 127+78.4, 74.0 LT

R45'

R/W

2' GRAVEL SHOULDER

24'

R/L

126+00 127+00 128+00 129+00 130+00 131+00

24'

MOUND SYSTEM ON PROPERTY
NEAR THE TLE AREA

2' GRAVEL SHOULDER

6' PAVED SHOULDER

S.I.

R/W

TLE

ALLIANT ENERGY OVERHEAD ELECTRIC LINES

EX. 18" RCP TO BE REMOVED
PROP. 35.0 LF - CPRC CLASS III
18" W/AEW
STA. 127+95.9, 41.5' RT
18" IE N = 1093.10
18" IE S = 1091.85

STA: 127+99, 32.0', RT
14.2' P.E.
BASE AGGREGATE DENSE

N3176 STATE RD 67
PACZKOWSKI

AT&T BURIED PHONE LINE

ALLIANT ENERGY OVERHEAD ELECTRIC LINES

N3202 STATE RD 67
COLLINS

STA: 131+43, 27.2', RT
11.9' P.E.
ASPHALT

LEGEND

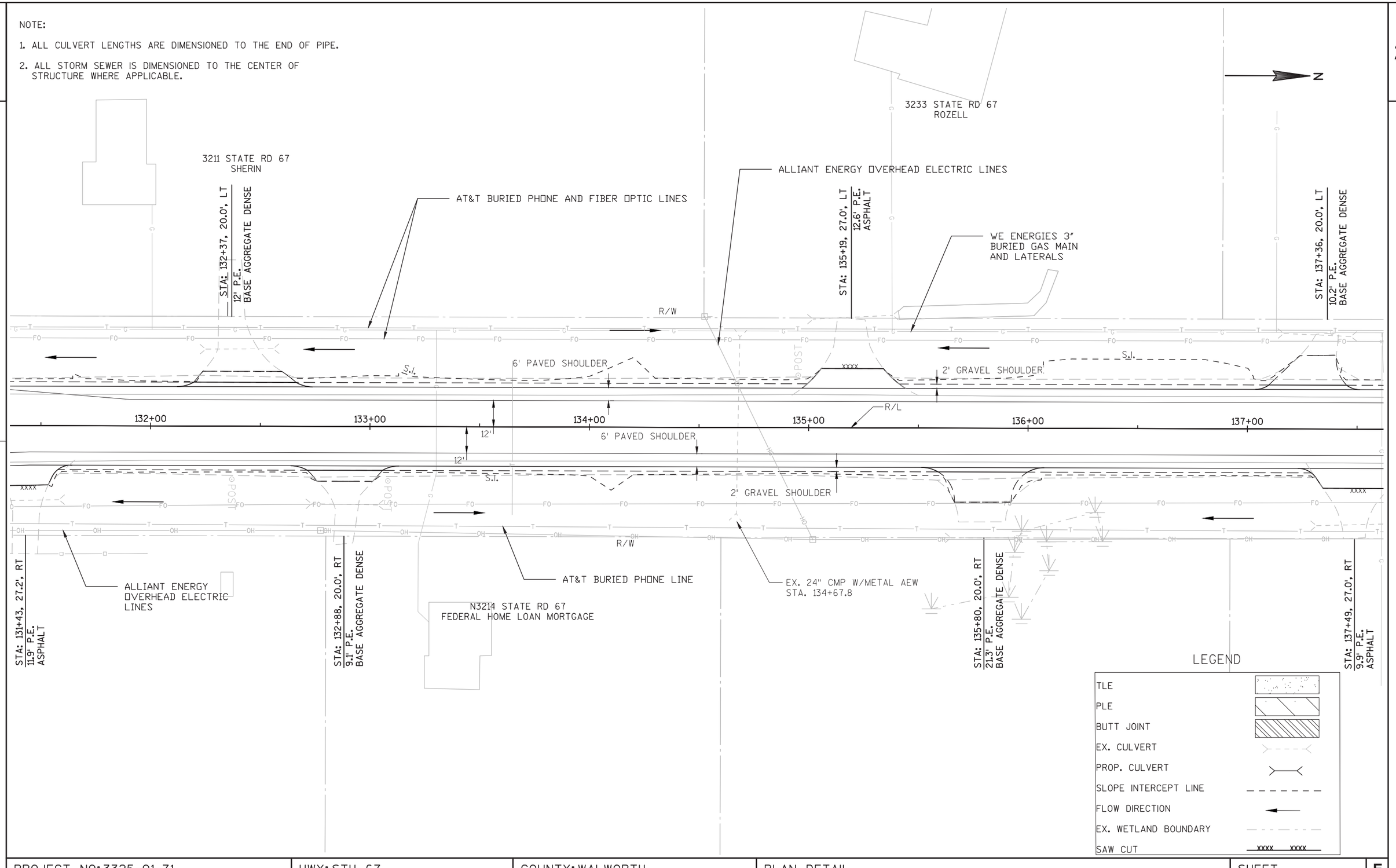
- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 46 E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

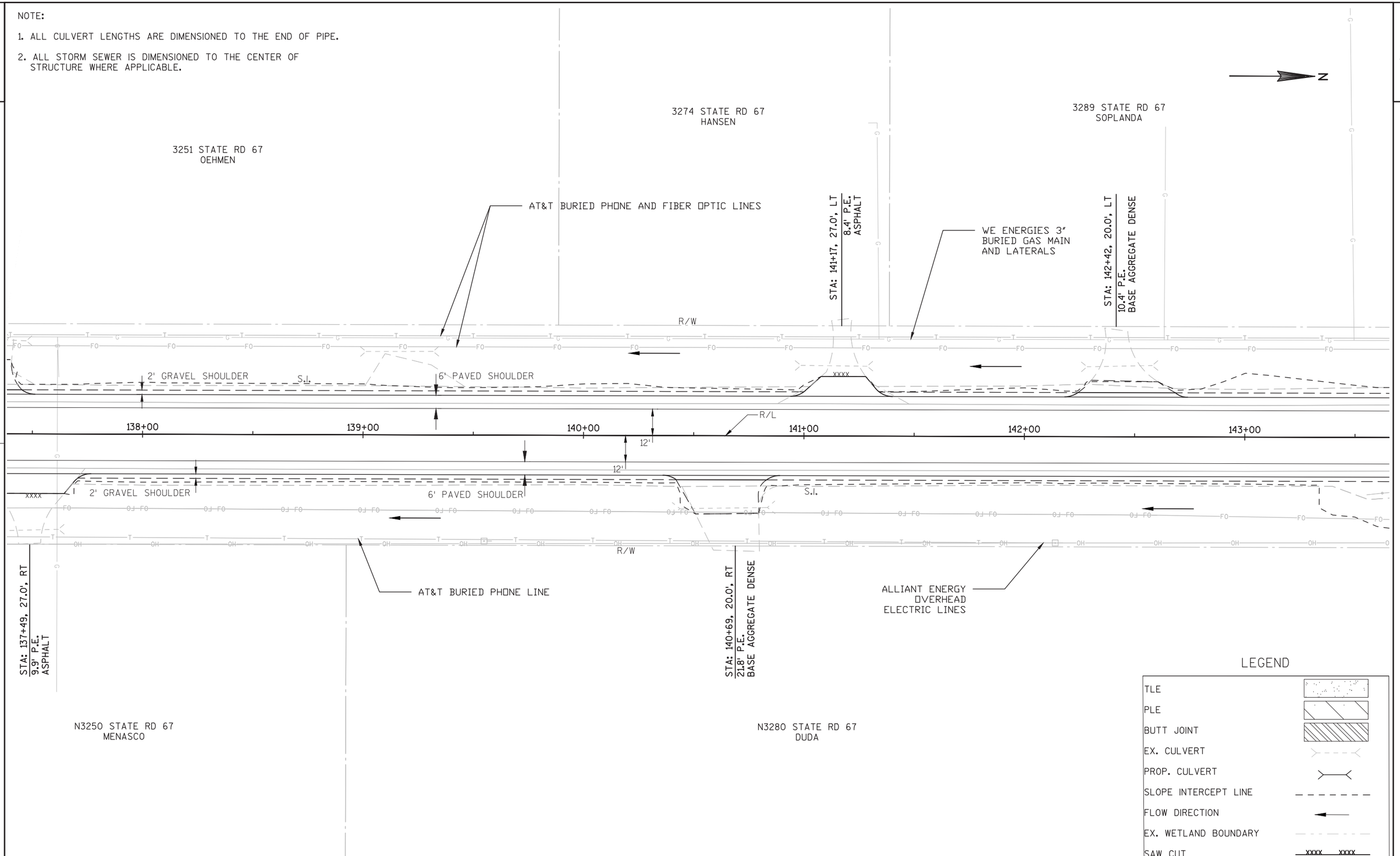


PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 47	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 48	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N

3319 STATE RD 67
RHODES

ALLIANT ENERGY BURIED ELECTRIC LINE

STA: 144+22, 20.0' LT
10.4" P.E.
BASE AGGREGATE DENSE

AT&T BURIED FIBER OPTIC LINE

WE ENERGIES 3" BURIED GAS MAIN AND LATERALS

TLE

R/W

S.I.

PROP. 12 LF - CLASS III-A
24 INCH EXTENSION
W/ METAL AEW
STA. 147+00.6, 79.3' LT
EX. 24" IE W = 1095.04
PROP. 24" IE W = 1094.96

EX. 24" METAL AEW
TO BE REMOVED

EXISTING BEAM GUARD
TO BE REMOVED

6' PAVED SHOULDER

2' GRAVEL SHOULDER

R/L

144+00 145+00 146+00 147+00 148+00 149+00

SECTION CORNER TO BE
REPLACED, NOTIFY SEWRPC
PRIOR TO DISTURBANCE

12'

12'

6' PAVED SHOULDER

2' GRAVEL SHOULDER

EXISTING BEAM GUARD TO BE REMOVED

EX. 24" CMP METAL AEW
TO BE REMOVED

S.I.

R/W

TLE

ALLIANT ENERGY OVERHEAD ELECTRIC LINES

CLEARING & GRUBBING
STA 146+00 - 147+50

PROP. 10 LF - CLASS III-A
24" EXTENSION
W/ METAL AEW
STA. 146+99.7, 75.0' RT
EX. 24" IE E = 1096.04
PROP. 24" IE E = 1096.11

LEGEND

- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT (xxxx xxxx)
- CLEARING & GRUBBING

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 49	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN DETAILS.DWG PLOT DATE : 4/28/2017 1:20 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N

AT&T BURIED FIBER OPTIC LINE

WE ENERGIES 3" BURIED GAS MAIN AND LATERALS

TLE

R/W

S.I.

EXISTING BEAM GUARD TO BE REMOVED

2' GRAVEL SHOULDER

6' PAVED SHOULDER

R/L

150+00 151+00 152+00 153+00 154+00 155+00

12'

12'

2' GRAVEL SHOULDER

EXISTING BEAM GUARD TO BE REMOVED

S.I.

6' PAVED SHOULDER

R/W

TLE

ALLIANT ENERGY OVERHEAD ELECTRIC LINE

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	XXXX XXXX
CLEARING & GRUBBING	

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 50	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN DETAILS.DWG PLOT DATE : 4/28/2017 1:20 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N

3371 STATE RD 67
SCOTT

STA: 156+09, 27.0', LT
18.8' P.E.
ASPHALT

WE ENERGIES 3" BURIED GAS MAIN AND LATERALS

AT&T BURIED FIBER OPTIC LINE

R/W

6' PAVED SHOULDER

S.I.

2' GRAVEL SHOULDER

R/L

156+00 157+00 158+00 159+00 160+00 161+00

12'

12'

6' PAVED SHOULDER

S.I.

2' GRAVEL SHOULDER

R/W

ALLIANT ENERGY OVERHEAD ELECTRIC LINE

EX. 18" CMP

WINDSTREAM COMMUNICATION INC.
BURIED FIBER OPTIC

STATE LONG DISTANCE TELEPHONE CO.
BURIED PHONE LINE

MH

ALLIANT ENERGY OVERHEAD ELECTRIC LINES

STA: 155+77, 27.0', RT
13' P.E.
ASPHALT

STA: 158+18, 27.0', RT
17.7' P.E.
ASPHALT

N3392 STATE RD 67
SCHILDT

N3416 STATE RD 67
GAP GENEVA, LLC

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

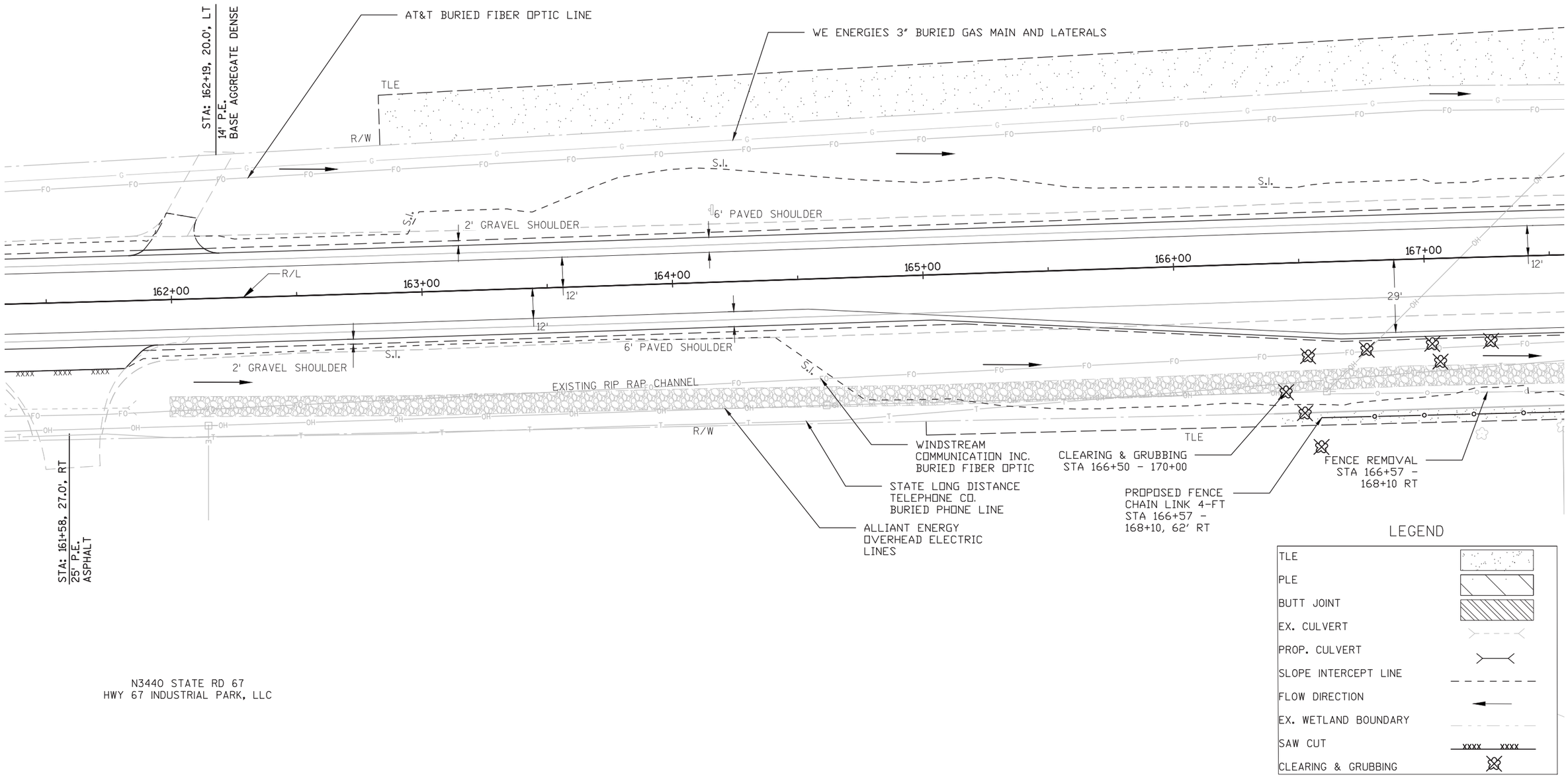
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 51	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 52	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

WE ENERGIES TRANSITION FROM 3" GAS TO 2" GAS

ALLIANT ENERGY OVERHEAD ELECTRIC LINES

AT&T BURIED FIBER OPTIC LINE

PROP. 12.5 LF - CLASS III-A
24" EXTENSION W/ AEW
EX. 24" IE NW = 1084.70
PROP. 24" IE NW = 1083.93

CLEARING & GRUBBING
STA 166+50 - 170+00

2' GRAVEL SHOULDER

6' PAVED SHOULDER

ROAD

TOWN HALL

GRAVEL

ATC OVERHEAD TRANSMISSION LINES

ATC OVERHEAD TRANSMISSION LINES
ALLIANT ENERGY OVERHEAD ELECTRIC LINES

PROP. 8.5 LF - CLASS III-A
24" EXTENSION W/AEW
STA. 171+99.6, 47.9' LT
EX. 24" IE W = 1082.69
PROP. 24" IE W = 1082.58

1' GRAVEL SHOULDER

2' PAVED SHOULDER

LAKE COMO SANITARY
DISTRICT 14" FORCE MAIN

STH 67 STA. 170+41.0
TOWN HALL/PALMER STA. 20+00.0

SECTION CORNER TO BE
REPLACED, NOTIFY SEWRPC
PRIOR TO DISTURBANCE

EX. 18" CMP W/METAL
AEW TO BE REMOVED

CLEARING & GRUBBING
STA 166+50 - 170+00

6' PAVED SHOULDER

2' GRAVEL SHOULDER

EX. 24" CMP W/METAL
AEW 24" IE E = 1083.28

STATE LONG DISTANCE
TELEPHONE CO.
BURIED PHONE LINE

EXISTING FENCE LINE
TO BE RELOCATED
OUTSIDE OF R/W

PROPOSED R/W

PROP. 12.5 LF-SSPRC CLASS III
24" W/AEW
STA. 167+66.4 48.6' RT
24" IE NW = 1093.00

PROP. 5' DIA. STORM MH #1
STA. 167+78.3, 44.2' RT
RIM = 1096.00
18" IE NE & 24" IE SE = 1090.75
24" IE NW = 1090.60

STA: 168+31, 60.7', RT
23' P.E.
ASPHALT

EX. HYDRANT TO BE
ADJUSTED

EX. 12" CMP
12" IE SW = 1091.45

PROP. 16.5 LF-SSPRC CLASS IIII 18" W/AEW
STA 167+93.9, 49.8' RT
18" IE NW = 1091.40

PROP. 5.5 LF-CLASS III-A 24" EXTENSION
(EX. AEW TO BE REMOVED)
EX. 24" IE SE = 1090.58

EX. 18" CMP W/METAL
AEW TO BE REMOVED

PROPOSED FENCE
CHAIN LINK 4-FT
STA 168+51 -
169+39, 62' RT

PROP. 113 LF - CPRC CLASS III 18"
W/AEW
STA. 169+83.4, 57.2' RT
18" IE S = 1089.17
STA. 170+96.5, 54.3' RT
18" IE N = 1086.93
UTILITY LINE OPENING

ATC OVERHEAD TRANSMISSION LINES

LEGEND

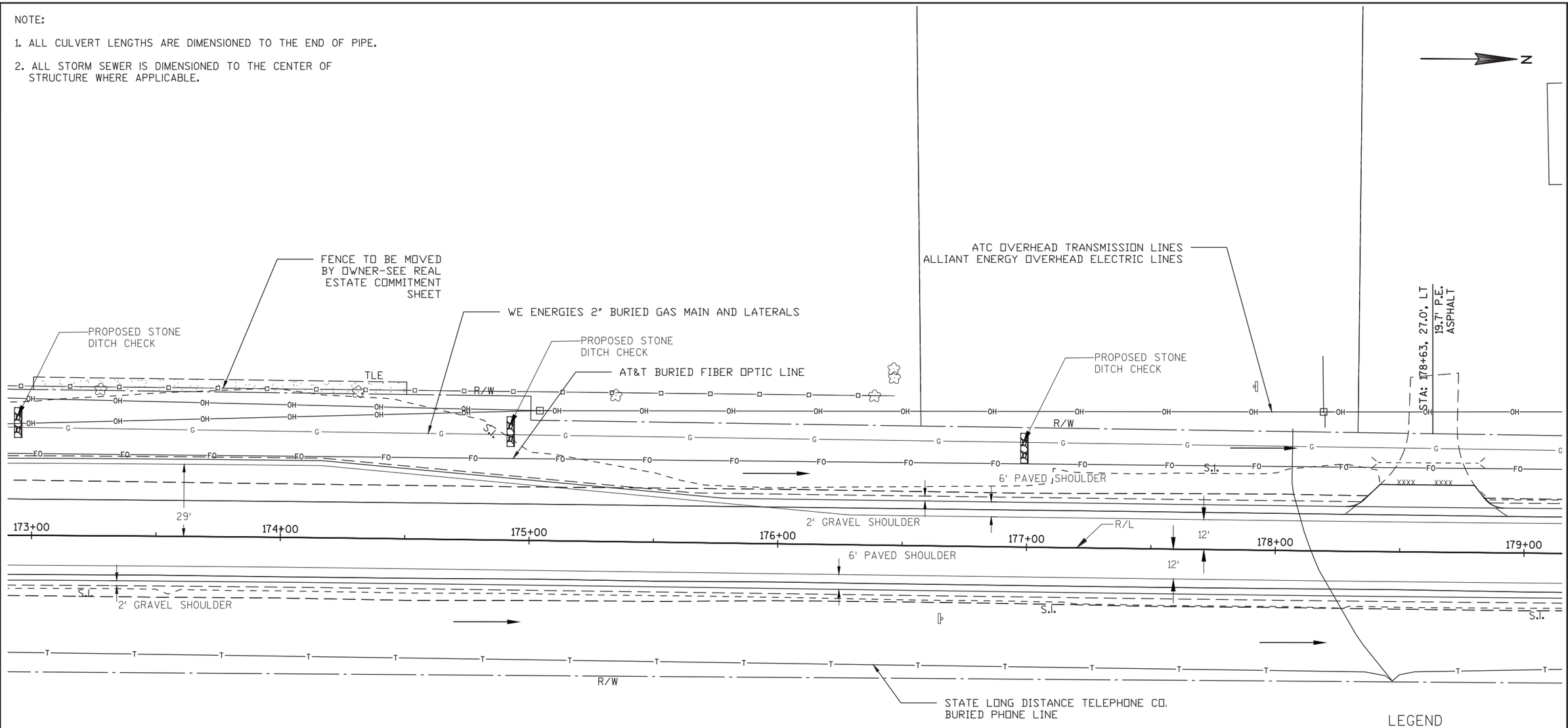
- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT
- CLEARING & GRUBBING

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 20	53	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.



LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 54	E

2

N

3656C STATE RD 67
WJ GOES

AT&T BURIED FIBER OPTIC LINE

ATC OVERHEAD TRANSMISSION LINES
ALLIANT ENERGY OVERHEAD ELECTRIC LINES

ALLIANT ENERGY BURIED ELECTRIC LINE

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

PROPOSED STONE
DITCH CHECK

PROPOSED STONE
DITCH CHECK

R/W

S.L.

2' GRAVEL SHOULDER

6' PAVED SHOULDER

R/L

179+00 180+00 181+00 182+00 183+00 184+00 185+00

12'

12'

2' GRAVEL SHOULDER

S.L.

6' PAVED SHOULDER

EX. 24" CMP
W/ METAL AEW

** DO NOT DISTURB **
WISCONSIN HMOD MON
GENEVA W

R/W

STATE LONG DISTANCE TELEPHONE CO.
BURIED PHONE LINE

ALLIANT ENERGY BURIED ELECTRIC LINE

STA: 183+63, 27.0', RT
14' P.E
ASPHALT

POST

N3600 STA
BEIE

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

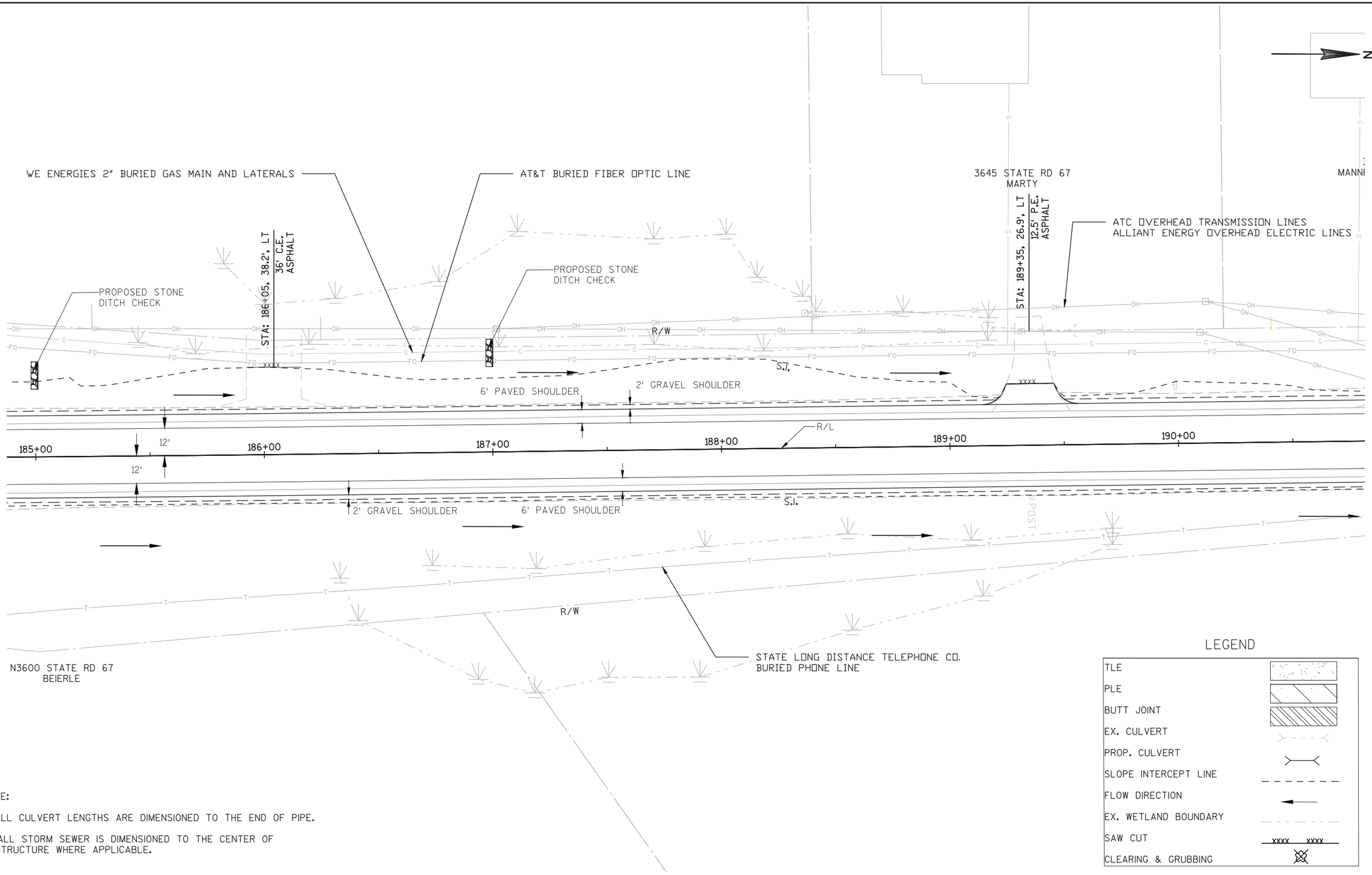
NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 55	E

2



LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

NOTE:

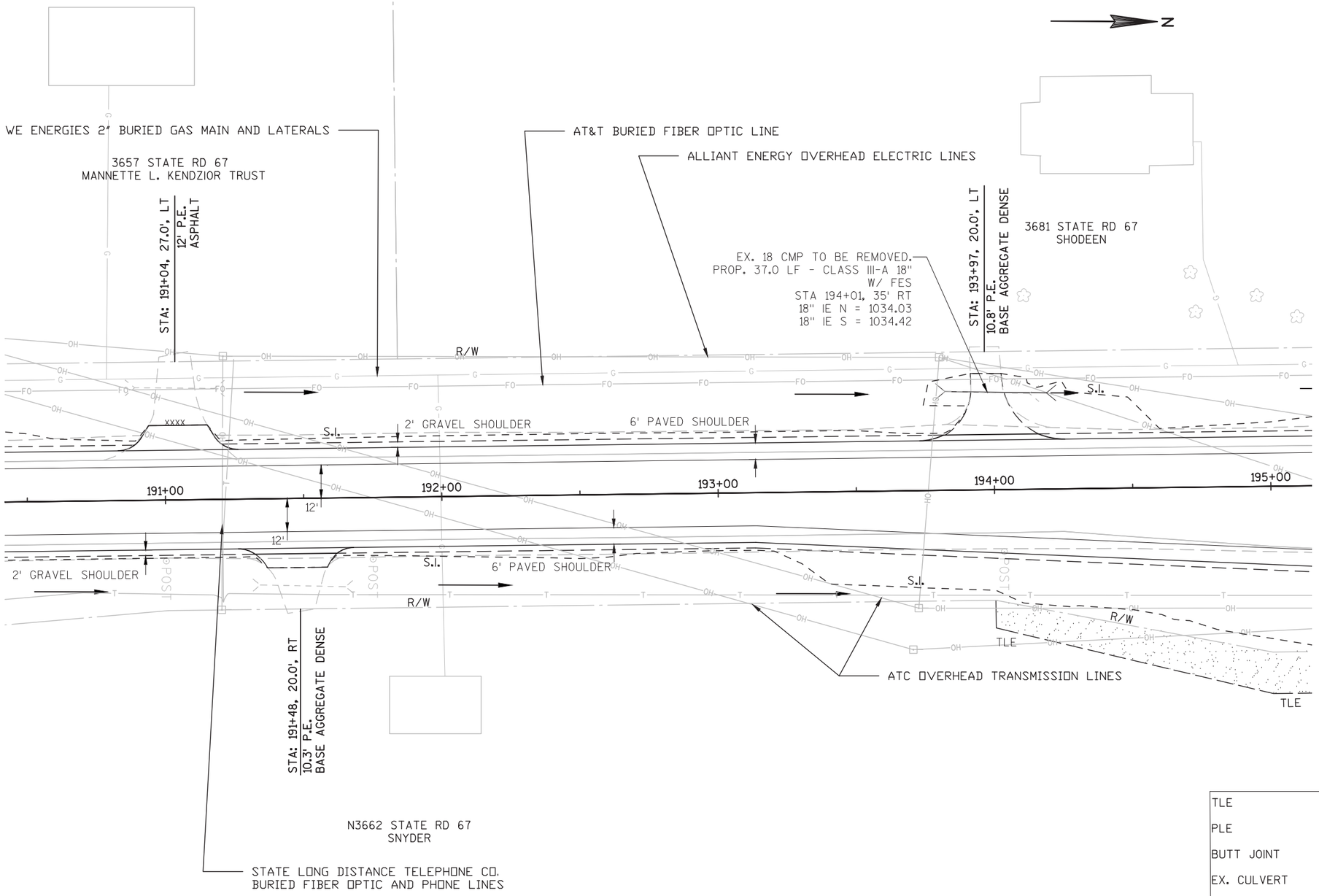
1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 56	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN DETAILS.DWG PLOT DATE : 4/28/2017 1:21 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

2



LEGEND

- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT
- CLEARING & GRUBBING

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

THEATRE ROAD

CLEARING ONLY
STA 17+90 - 20+00

EX. BEAM GUARD TO BE REMOVED

MIDWEST GUARDRAIL SYSTEM (MGS)
ENERGY ABSORBING TERMINAL
STA. 17+89.9, 16.0' LT

EX. RIP RAP CHANNEL
TO BE REPLACED
WITH LIGHT RIPRAP
WHERE DISTURBED

REMOVE EXISTING BEAM GUARD AND
REPLACE WITH MIDWEST GUARDRAIL
SYSTEM (MGS) GUARDRAIL

MIDWEST GUARDRAIL SYSTEM 3
(MGS3) STA. 18+42.79 14.0' LT

CLEARING & GRUBBING
STA 17+90 - 20+00

STATE LONG DISTANCE TELEPHONE CO.
BURIED PHONE LINE

ALLIANT ENERGY OVERHEAD POWER LINES

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

GRADE TO MINIMIZE WATER
RUNNING OFF TO RESIDENTIAL
PROPERTY. CREATE SWALE OR
BERM AS NECESSARY.

PROP. 20.0 LF - SSPRC CLASS III
60" W/AEW
STA. 197+48.1, 71.3' LT
60" IE SW = 1016.95

CLEARING & GRUBBING
STA 197+50-199+00

STA: 199+60, 43.0', LT
14.5' P.E.
ASPHALT

AT&T BURIED
FIBER OPTIC
LINE

MIDWEST GUARDRAIL SYSTEM (MGS)
ENERGY ABSORBING TERMINAL
STA. 198+51.9, 34.0' LT

1' PAVED SHOULDER

2' PAVED SHOULDER

PROP. 8.0 LF - SSPRC
CLASS III 60"
EXTENSION (EX. AEW TO
BE REMOVED)
EX. 60" IE SW = 1017.64

STH 67 STA. 196+80.7
= THEATRE RD. STA. 20+00.0

SECTION CORNER TO BE
REPLACED, NOTIFY SEWRPC
PRIOR TO DISTURBANCE

EXISTING BEAM GUARD TO BE REMOVED

6' PAVED SHOULDER

2' GRAVEL SHOULDER

EX. RIP RAP CHANNEL

PROP. 8.0 LF - SSPRC CLASS III
60" RCP EXTENSION (EX. AEW TO BE
REMOVED)
EX. 60" IE NE = 1020.50

PROP. 13.2 LF - SSPRC
CLASS III 24" W/AEW
STA. 197+87.7, 52.8' RT
24" IE SE = 1025.40

PROP. 17.7 LF - SSPRC CLASS III
24" W/AEW
STA. 198+16.8, 50.1' RT
24" IE NE = 1025.37

PROP. 9' DIA. STORM
MANHOLE #2
STA. 197+99.4, 46.8' RT
RIM = 1028.50
60" IE SW = 1020.65
24" IE NE & SE =
1023.85
30"x48" IE E = 1023.60

CLEARING & GRUBBING
STA 17+90 - 19+00

PROP. 8.0 LF - PIPE ARCH
CORRUGATED STEEL 30"x48"
CULVERT EXTENSION
EX. 30"x48" IE NW = 1023.64

ATC OVERHEAD TRANSMISSION LINES
ALLIANT ENERGY OVERHEAD ELECTRIC LINES

PROPOSED R/W

EXISTING R/W

STATE LONG DISTANCE
TELEPHONE CO.
BURIED PHONE LINE

NOTE: REMOVE EXISTING BEAM GUARD
& REPLACE WITH MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL (SEE S.D.D. 14B 42-1)

LEGEND

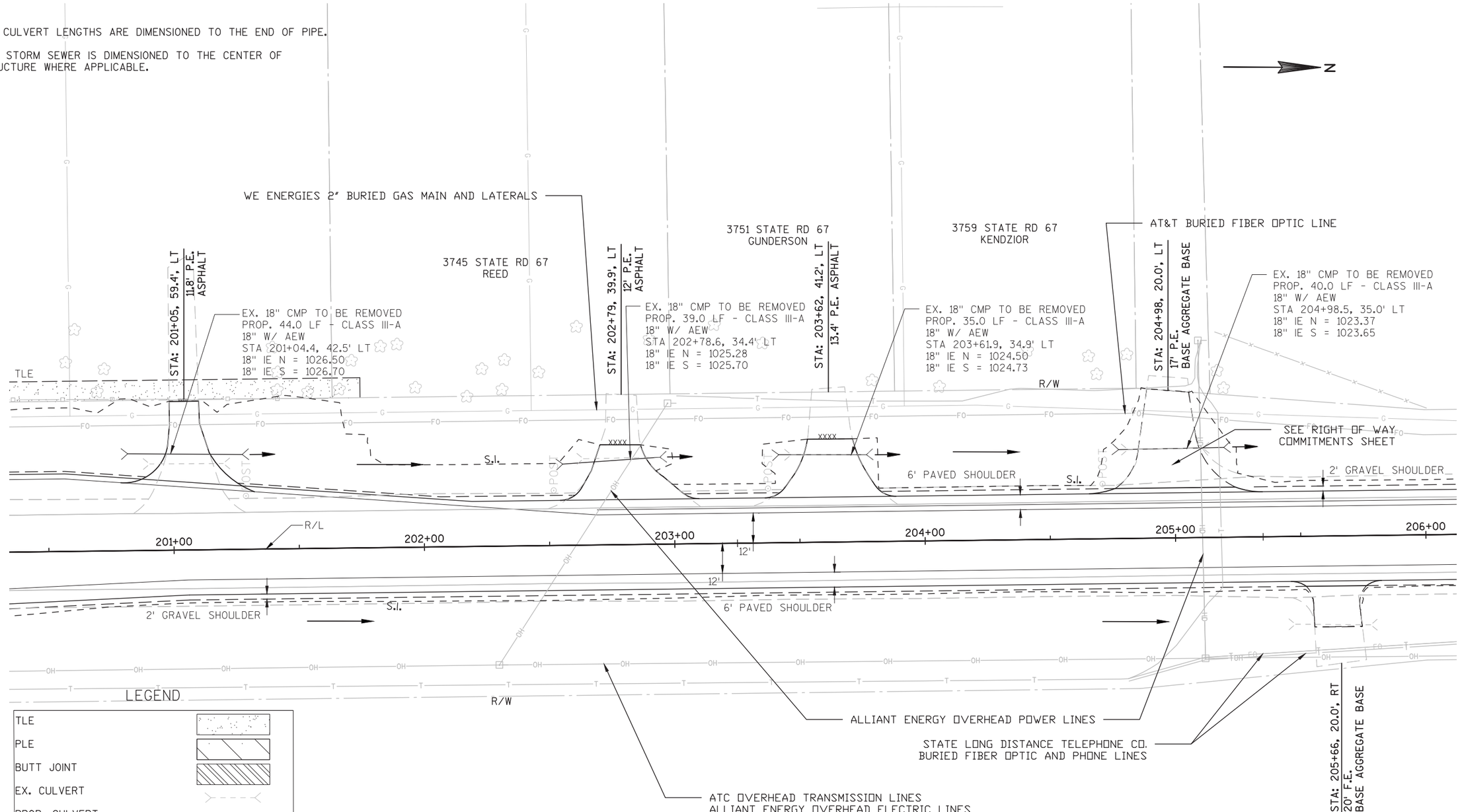
- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT
- CLEARING & GRUBBING

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 58	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 59	E

2

N

3761 STATE RD 67
REED FAMILY TRUST

AT&T BURIED FIBER OPTIC LINE

STA: 209+77, 20.0', LT
13.8' P.E.
BASE AGGREGATE DENSE

WE ENERGIES OVERHEAD ELECTRIC LINE

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

R/W

2' GRAVEL SHOULDER

S.I.

6' PAVED SHOULDER

R/L

206+00 207+00 208+00 209+00 210+00 211+00

12'

12'

2' GRAVEL SHOULDER

S.I.

6' PAVED SHOULDER

R/W

STATE LONG DISTANCE TELEPHONE CO.
BURIED FIBER OPTIC AND PHONE LINES

ATC OVERHEAD TRANSMISSION LINES

EX. 24" CMP W/METAL AEW
STA. 210+03

STA: 210+47, 20.0', RT
10.8' P.E.
BASE AGGREGATE DENSE

N???? STATE RD 67
DZABIROSKI

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 60	E

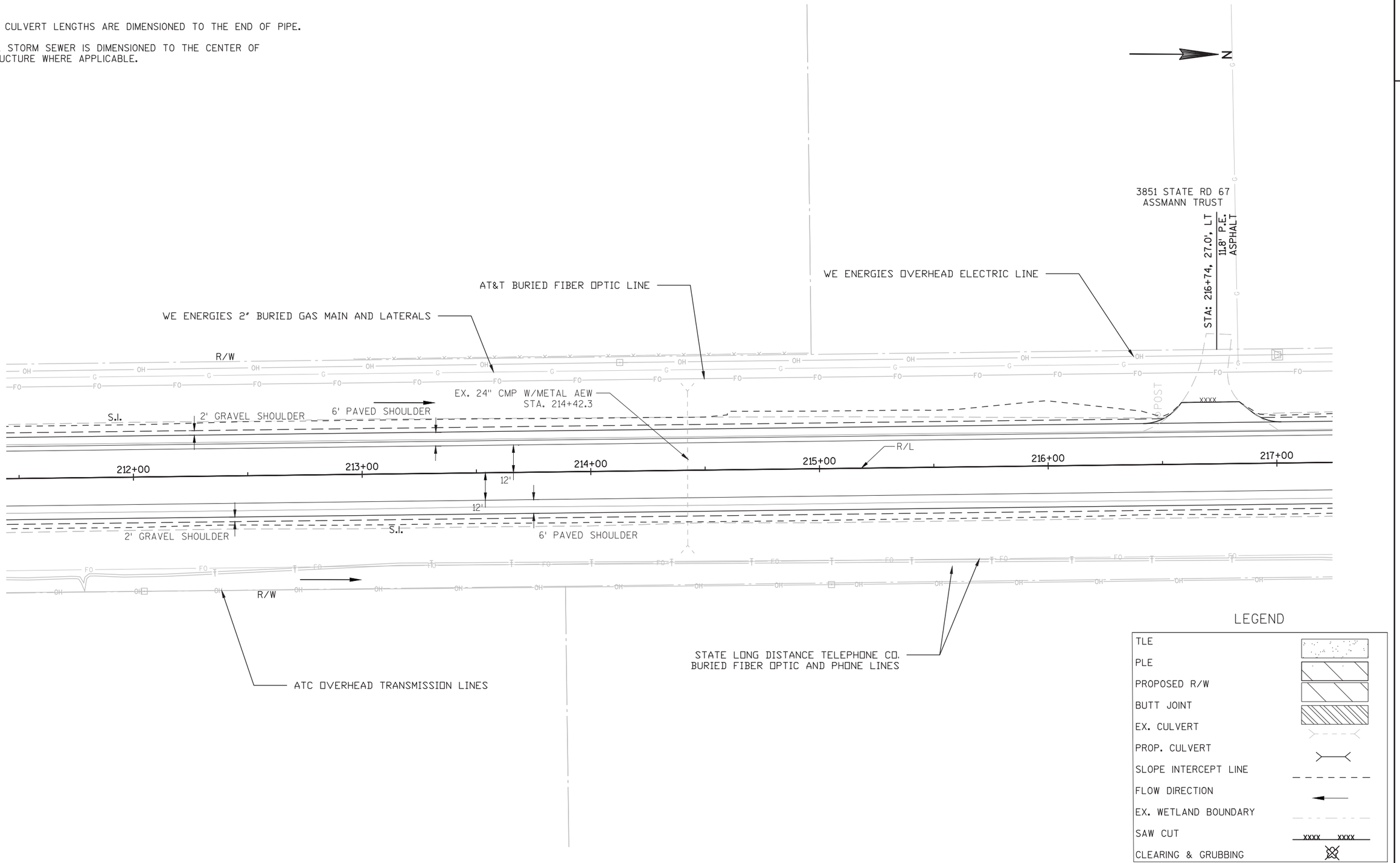
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN DETAILS.DWG PLOT DATE : 4/28/2017 1:22 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.



LEGEND

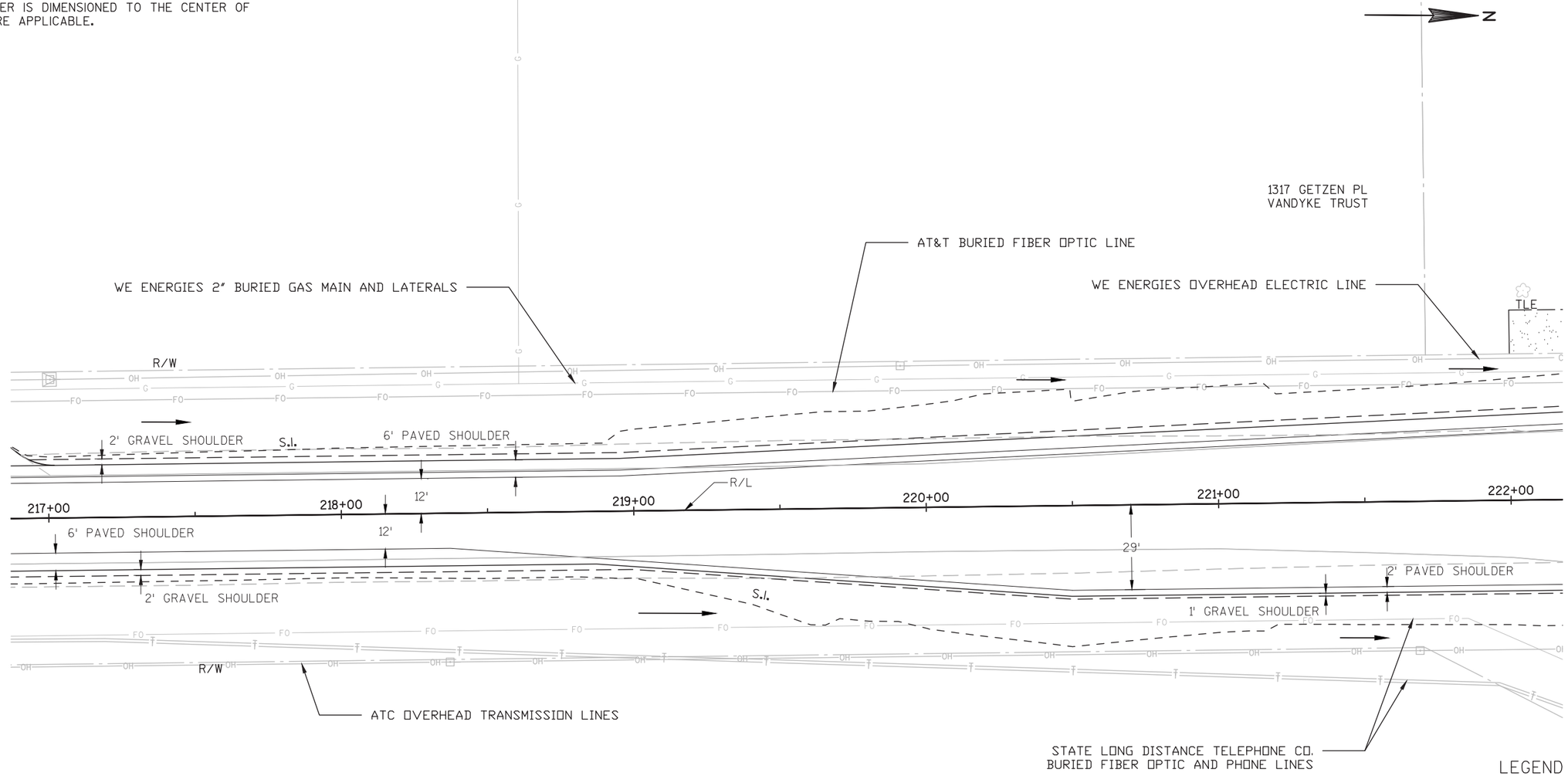
TLE	
PLE	
PROPOSED R/W	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	XXXX XXXX
CLEARING & GRUBBING	

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 61	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.



LEGEND

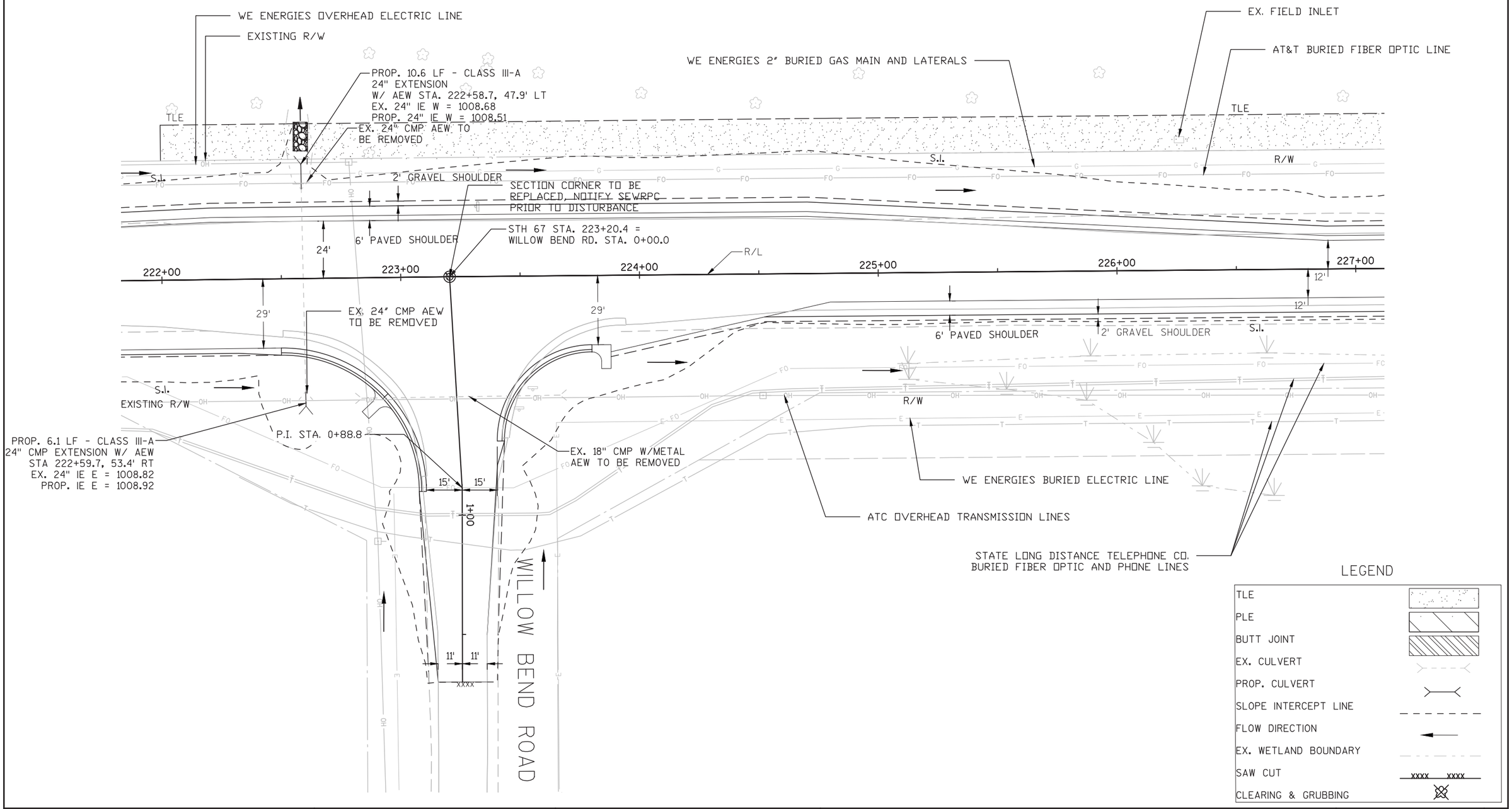
TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 62	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 63	E

2

N

EX. FIELD INLET

TLE

STA: 228+13, 27.3', LT
21.1' P.E.
ASPHALT

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

AT&T BURIED FIBER OPTIC LINE

R/W

6' PAVED SHOULDER

S.I.

2' GRAVEL SHOULDER

R/L

227+00 228+00 229+00 230+00 231+00 232+00

12'

12'

2' GRAVEL SHOULDER

S.I.

S.I.

6' PAVED SHOULDER

POST

POST

R/W

EX. 24" CMP W/METAL AEW
STA. 227+84.0

N3954 STATE RD 67
CHOYCE

STA: 230+16, 20.0', RT
13' P.E.
BASE AGGREGATE DENSE

WE ENERGIES BURIED ELECTRIC LINE

ATC OVERHEAD TRANSMISSION LINES

STATE LONG DISTANCE TELEPHONE CO.
BURIED FIBER OPTIC AND PHONE LINES

STATE LONG DISTANCE TELEPHONE CO.
BURIED PHONE LINE

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

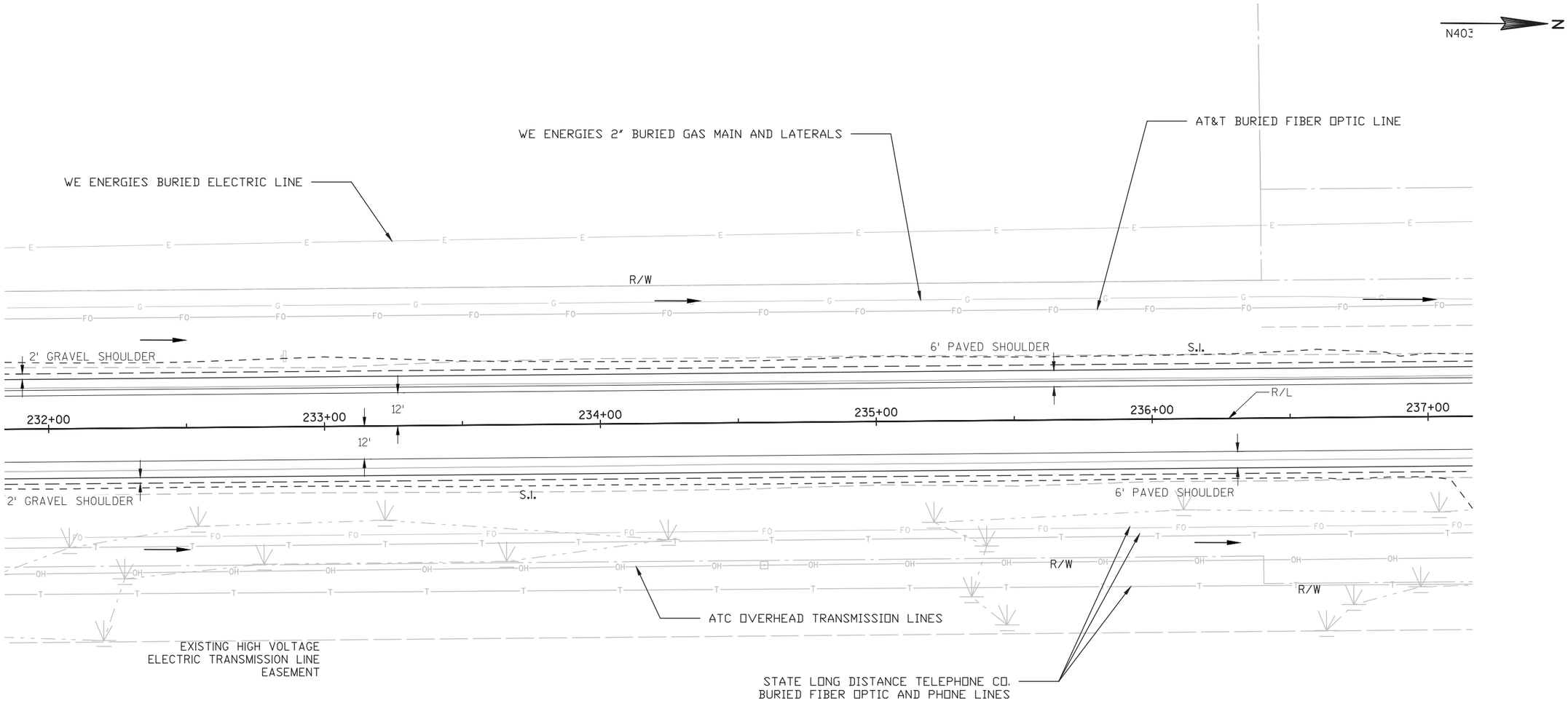
NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 64	E

2



LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

2

N4909 HICKOF
EDSTROM

HICKORY COURT

N

N4049 STATE RD 67
JENSON

N4037 STATE RD 67
MARTINEZ

N4021 STATE RD 67
MASON

STATE LONG DISTANCE TELEPHONE CO.
BURIED PHONE LINE

AT&T BURIED FIBER OPTIC LINE

CHARTER BURIED PHONE LINE

WE ENERGIES BURIED ELECTRIC LINE

BUTT JOINT
STA. 241+50.2, 50.2' LT TO
STA. 241+50.0, 62.4' LT

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

EXISTING R/W

R/W

BUTT JOINT
STA. 240+63.8, 47.2' LT
TO STA. 240+63.6, 60.2' LT

R/W

S.I.

1' GRAVEL SHOULDER

EX. 24" CMP W/METAL AEW
STA. 237+45.0

2' GRAVEL SHOULDER

S.I.

2' PAVED SHOULDER

29'

R/L

237+00 238+00 6' PAVED SHOULDER 239+00 240+00 241+00 242+00 243+00

12'

24'

12'

2' GRAVEL
SHOULDER

S.I.

6' PAVED SHOULDER

S.I.

R/W

TLE

TLE

STA: 239+23, 30.2', RT
16.1' P.E.
BASE AGGREGATE DENSE

EXISTING HIGH VOLTAGE
ELECTRIC TRANSMISSION LINE
EASEMENT

ATC OVERHEAD TRANSMISSION LINES

PROPOSED CLEARING & GRUBBING
STA 269+40 - 240+60

STATE LONG DISTANCE TELEPHONE CO.
BURIED FIBER OPTIC AND PHONE LINES

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 66	E

2

N

N4057 STATE RD 67
MORGAN

N4067 STATE RD 67
WUTTKE

WE ENERGIES BURIED ELECTRIC LINE

STATE LONG DISTANCE TELEPHONE CO. BURIED PHONE LINE

AT&T BURIED FIBER OPTIC LINE

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

CHARTER BURIED PHONE LINE

R/W

2' PAVED SHOULDER

1' GRAVEL SHOULDER

2' GRAVEL SHOULDER

6' PAVED SHOULDER

S.I.

R/L

243+00 244+00 245+00 246+00 247+00 248+00

29' 24' 15' 12' 14'

6' PAVED SHOULDER

2' GRAVEL SHOULDER

2' PAVED SHOULDER

1' GRAVEL SHOULDER

R/W

TLE

ATC OVERHEAD TRANSMISSION LINES

PROPOSED CLEARING & GRUBBING STA 243+90 - 244+50

STATE LONG DISTANCE TELEPHONE CO. BURIED FIBER OPTIC AND PHONE LINES

PROPOSED CLEARING & GRUBBING STA 247+25 - 248+10

LEGEND

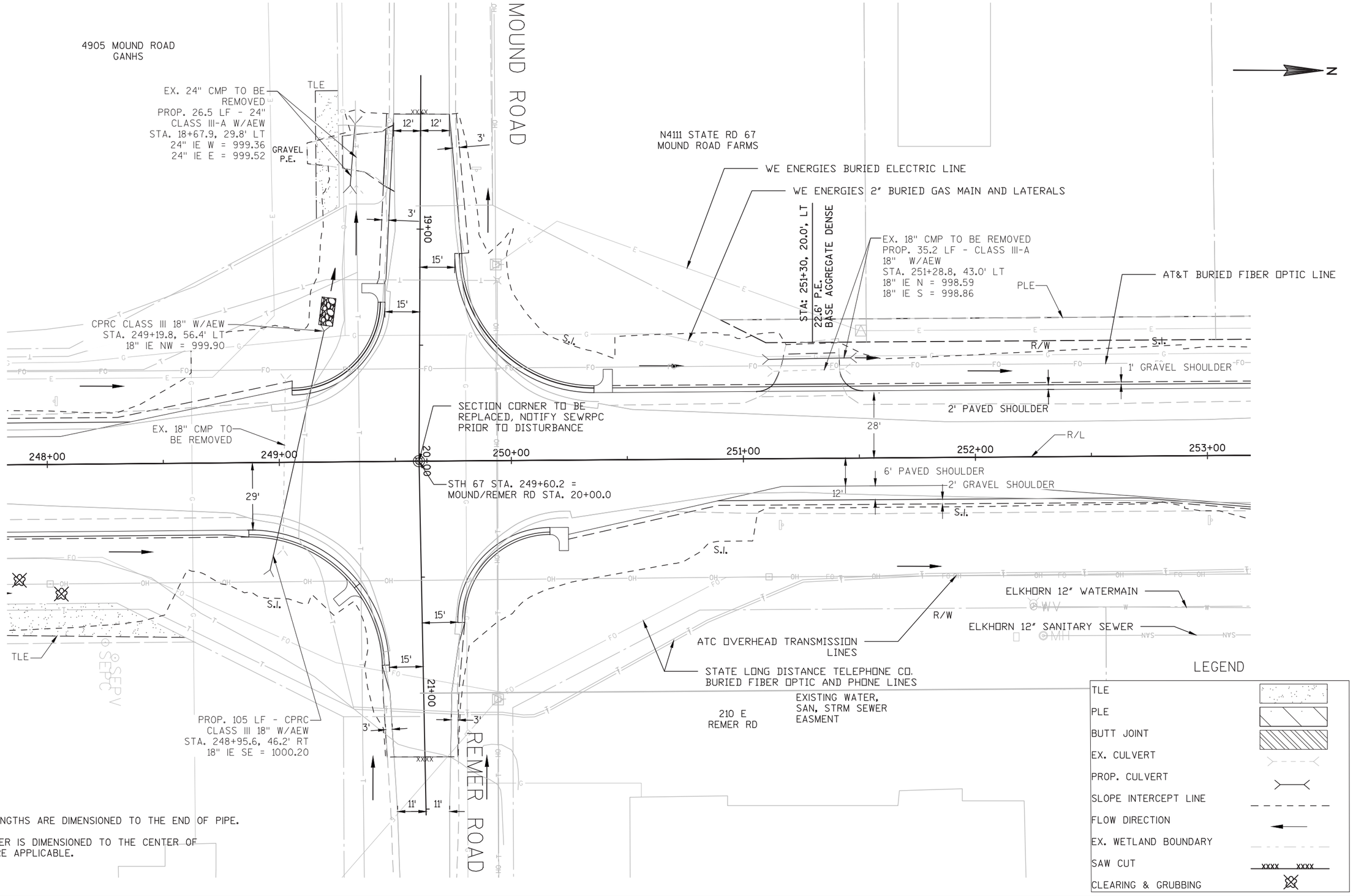
- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT
- CLEARING & GRUBBING

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 67	E

2



NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 68	E

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

N4133 STATE RD 67
FONTANA LAND CO. LLC

STA: 254+06, 20.0', LT
16.6' P.E.
BASE AGGREGATE DENSE

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

PROPOSED CLEARING & GRUBBING STA 255+00 - 255+50

AT&T BURIED FIBER OPTIC LINE

EX. 18" CMP TO BE REMOVED
PROP. 37.0 LF - CLASS III-A 18" W/ AEW STA. 254+07.3, 46.8' LT
18" IE N = 993.80
18" IE S = 994.65

WE ENERGIES BURIED ELECTRIC LINE

N4159 STATE RD 67
SCHULZ

STA: 257+59, 47.6', LT
16.2' P.E.
ASPHALT

EX. 18" CMP TO BE REMOVED
PROP. 32.4 LF - CLASS III-A 18" CMP
STA. 257+58.7, 42.7' LT
18" IE N = 987.18
18" IE S = 988.13

TLE
PLE
S.I.
R/W
2' PAVED SHOULDER
1' GRAVEL SHOULDER
29'
R/L
STH 67 STA. 256+92.0
= GRANT ST. STA. 0+00.0
PROP. 69 LF SSPRC CLASS III
24" STM SEWER
24" IE S. = 988.65
24" IE N. = 987.60
2' GRAVEL SHOULDER
5' PAVED SHOULDER
24'
253+00
254+00
255+00
256+00
257+00
258+00
259+00
REMOVE INLET, & 123 LF STORM SEWER 24 INCH
EX. INLET TO BE REMOVED
12'
PROP. STM INLET #1
STA. 256+51.5, 39.9' RT
= STA. 0+39.9, 40.4' RT
RIM = 992.50
24" IE SE = 989.00
24" IE N = 988.65 +/-
PROP. 15 LF - SSPRC CLASS III 24" W/AEW
STA. 256+35.6, 45.8' RT
= STA. 0+45.8, 56.4' RT
24" IE S = 989.50
PROP. 39.5 LF - SSPRC CLASS III
24" W/AEW STA. 257+58.4, 45.0' RT
= STA. 0+45.0, 66.4' LT
24" IE N = 986.75
PROP. STM INLET #2
STA. 257+20.1, 43.6' RT
= STA. 0+43.6, 28.2' LT
RIM = 992.08
24" IE S = 987.60 +/-
24" IE N = 987.25
16'
1+00
2+00
POST
CONCRETE P.E.
GRANT STREET

STATE LONG DISTANCE TELEPHONE CO. BURIED FIBER OPTIC AND PHONE LINES

EXISTING WATER, SAN, STRM SEWER EASMENT

ATC OVERHEAD TRANSMISSION LINES

ELKHORN 12" SANITARY SEWER

ELKHORN 12" WATERMAIN

209 E GRANT ST
ARLINGTON INVESTMENTS

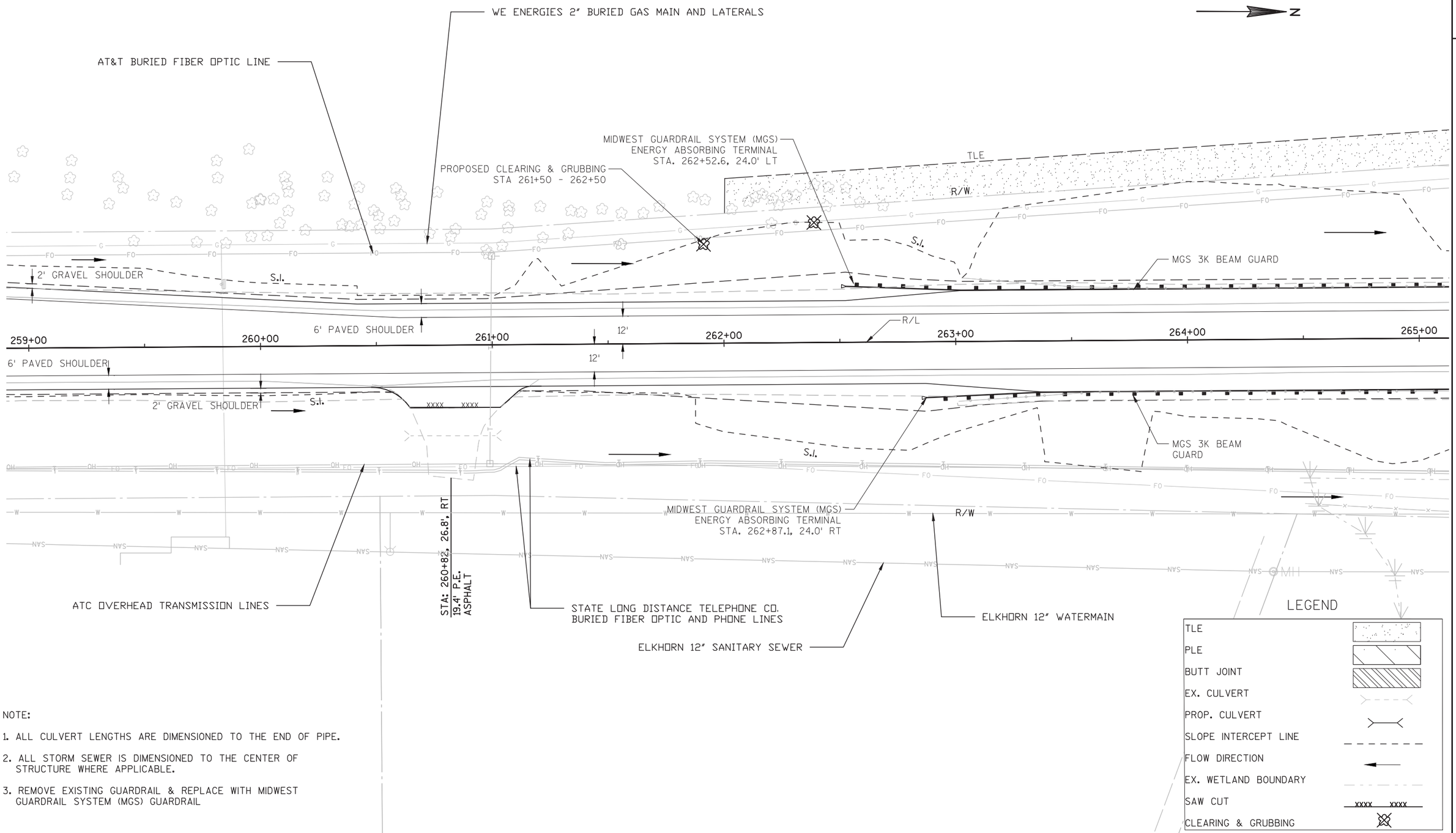
1522 E GRANT ST
RED OAK DEVELOPMENT

LEGEND

- TLE
- PLE
- BUTT JOINT
- EX. CULVERT
- PROP. CULVERT
- SLOPE INTERCEPT LINE
- FLOW DIRECTION
- EX. WETLAND BOUNDARY
- SAW CUT (xxxx xxxx)
- CLEARING & GRUBBING

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 69	E

2

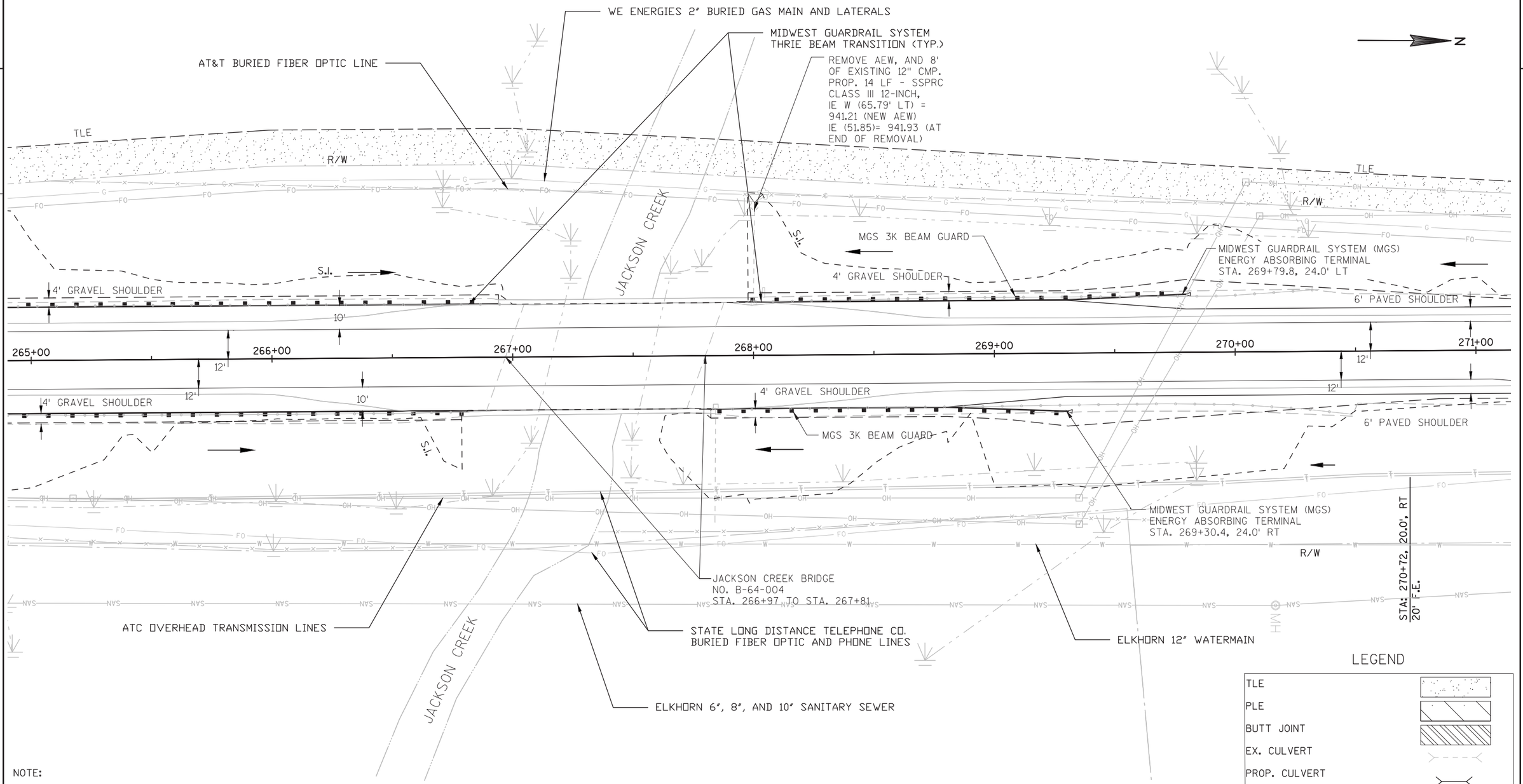


NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.
3. REMOVE EXISTING GUARDRAIL & REPLACE WITH MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 70	E

2



NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.
3. REMOVE EXISTING GUARDRAIL & REPLACE WITH MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 71	E

2

AT&T BURIED FIBER OPTIC LINE

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

ATC OVERHEAD TRANSMISSION LINES

N

STA: 271+81, 20.0', LT
GRAVEL, PE

S.L.

R/W

TLE

2' GRAVEL SHOULDER

12'

R/L

271+00 272+00 273+00 274+00 275+00 276+00 277+00

24'

6' PAVED SHOULDER

STA: 276+20, 55.6', LT
ASPHALT

12'

2' GRAVEL SHOULDER

EX. FIELD ENTRANCE & 18" CMP W/ AEW TO BE REMOVED

29'

SECTION CORNER TO BE REPLACED, NOTIFY SEWRPC PRIOR TO DISTURBANCE

14' 15'

EX. 30" CMP W/METAL AEW

EX. INLET TO BE REMOVED

PROPOSED STORM INLET #4
STA. 1+05.2, 23.4' LT
RIM = 958.50
EX. 12" IE S = 955.84+/-
PROP. 8 LF - SSPRC
CLASS III 12-INCH

EX. INLET TO BE REMOVED

PROP. STORM INLET #3
STA. 1+06.1, 23.3' RT
RIM = 958.50
EX. 12" IE N = 955.65+/-
PROP. 8 LF - SSPRC
CLASS III 12-INCH

1+00

20' 20'

MORRISSEY DR

STATE LONG DISTANCE TELEPHONE CO. BURIED FIBER OPTIC AND PHONE LINES

CHARTER BURIED PHONE LINE

ELKHORN 12" WATERMAIN

CITY OF ELKHORN

ELKHORN 18" SANITARY SEWER

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

2

N

M&P TASCH PROPERTIES LLC

AT&T BURIED FIBER OPTIC LINE

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

ATC OVERHEAD TRANSMISSION LINES

R/W

R/W

S.I.

3' GRAVEL SHOULDER

S.I.

2' GRAVEL SHOULDER

12' PAVED SHOULDER

24'

R/L

277+00

278+00

279+00

280+00

281+00

12'

29'

29'

2' PAVED SHOULDER

1' GRAVEL SHOULDER

S.I.

S.I.

R/W

R/W

CHARTER BURIED PHONE LINE

ELKHORN 12" WATERMAIN

STATE LONG DISTANCE TELEPHONE CO.
BURIED FIBER OPTIC AND PHONE LINES

ELKHORN 18" SANITARY SEWER

1311 S LINCOLN ST
BROWER-FREMGEN VENTURES

205 E O'CONNOR DR
DVM OF ELKHORN

LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

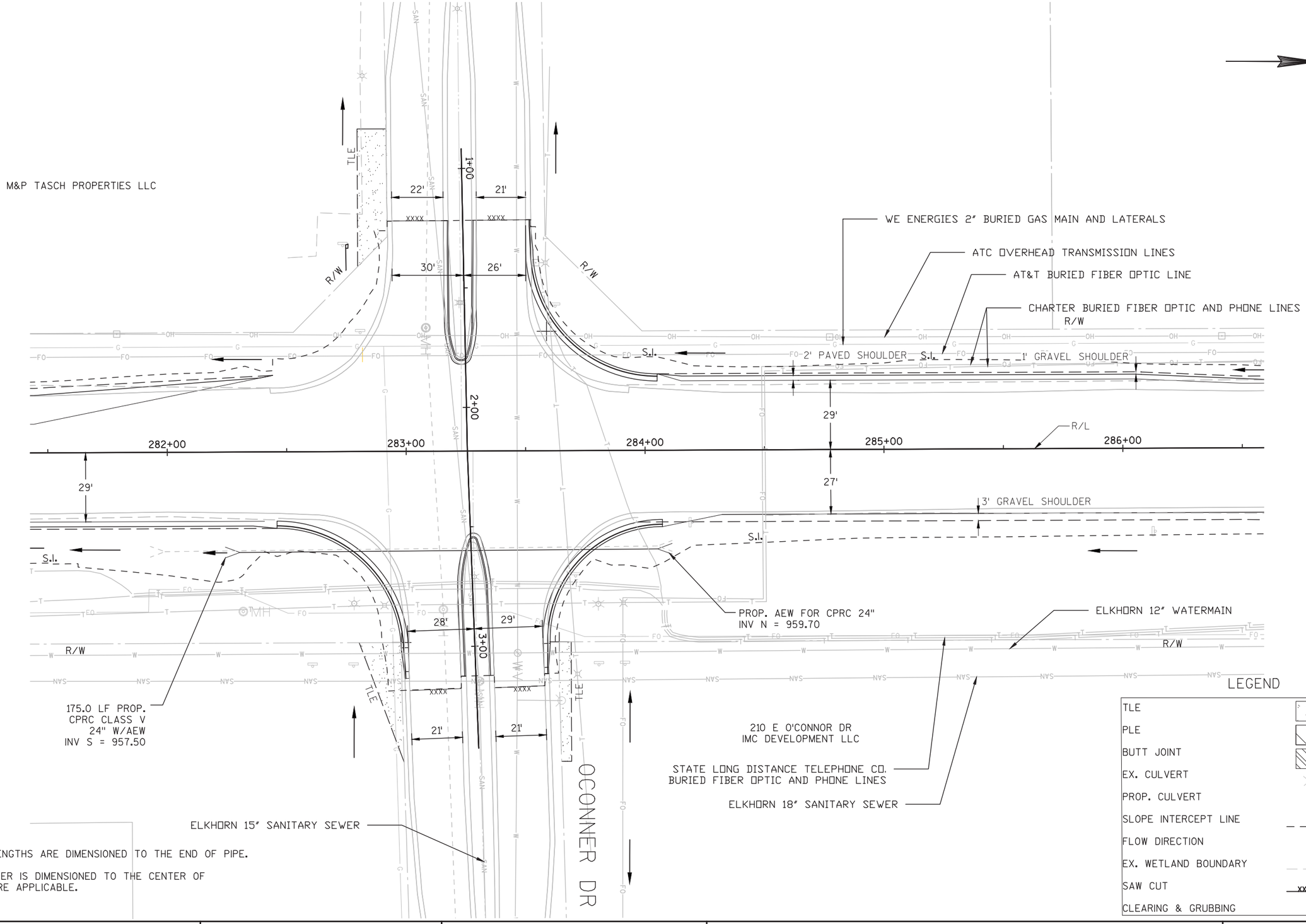
NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

2

M&P TASCH PROPERTIES LLC



LEGEND

TLE	
PLE	
BUTT JOINT	
EX. CULVERT	
PROP. CULVERT	
SLOPE INTERCEPT LINE	
FLOW DIRECTION	
EX. WETLAND BOUNDARY	
SAW CUT	xxxx xxxx
CLEARING & GRUBBING	

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.
2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 74	E

2

ATC OVERHEAD TRANSMISSION LINES

AT&T BURIED FIBER OPTIC LINE

WE ENERGIES 2" BURIED GAS MAIN AND LATERALS

195 E COMMERCE CT
TASCH HOLDINGS LLC

CHARTER BURIED FIBER OPTIC AND PHONE LINES

E COMMERCE CT

TASCH DEVELOPMENT

N

R/W

3' GRAVEL SHOULDER

S.I.

3' PAVED SHOULDER

24'

25'

287+00

288+00

289+00

290+00

291+00

292+00

R/L

STH 67 STA. 290+54.9
= COMMERCE DR. STA. 3+00.0

27'

25'

28'

26'

2+00

3+00

4+00

END PROJECT

BUTT JOINT
STA. 291+50.0

3' GRAVEL SHOULDER

1' GRAVEL SHOULDER

S.I.

EX. INLET
TO BE REMOVED

INLET #5
STA. 290+20.5, 61.5' RT
= STA. 3+61.3, 34.3' RT
RIM = 959.53
18" IE N & S = 956.54

EX. INLET
TO BE REMOVED

PROP. 35 LF SSPRC CLASS III
18-INCH W/ AEW, STA 291+17.0,
59.4' RT 18" END OF PIPE =
956.28

INLET #6
STA. 290+83.8, 62.2' RT =
STA. 3+62.3, 28.9' LT
RIM = 959.37
18" IE N & S = 956.38

R/W

204 E COMMERCE CT
KEEFE-VK BUILDING, LLC

28'

28'

21'

21'

R/W

STATE LONG DISTANCE TELEPHONE CO.
BURIED FIBER OPTIC AND PHONE LINES

205 E COMMERCE CT
THIES-MAGILL REAL ESTATE

ELKHORN 18"
SANITARY SEWER

209 E COMMERCE CT
209 E COMMERCE CT LLC

ELKHORN 12" WATERMAIN

PROP. 23 LF SSPRC CLASS III
18-INCH W/ AEW, STA 289+96.9
62.5' RT 18" END OF PIPE =
956.59

PROP. 65 LF SSPRC
CLASS III 18-INCH

COMMERCE DR

NOTE:

1. ALL CULVERT LENGTHS ARE DIMENSIONED TO THE END OF PIPE.

2. ALL STORM SEWER IS DIMENSIONED TO THE CENTER OF STRUCTURE WHERE APPLICABLE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL	SHEET 75	E

2

N

TRACKING PAD

111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00 123+00 124+00 125+00 126+00

STH 67

BEGIN PROJECT 3325-01-71
STA 112+00.00
Y= 340300.8319
X= 763227.1775

	TRACKING PAD
	SLOPE INTERCEPT
	TEMPORARY DITCH CHECK
	SILT FENCE
	CULVERT PIPE CHECK
	EROSION MAT CLASS 1 TYPE B
	URBAN EROSION MAT CLASS 1 TYPE B
	IMPACTED WETLAND
	INLET PROTECTION TYPE C
	INLET PROTECTION TYPE A
	RIPRAP LIGHT

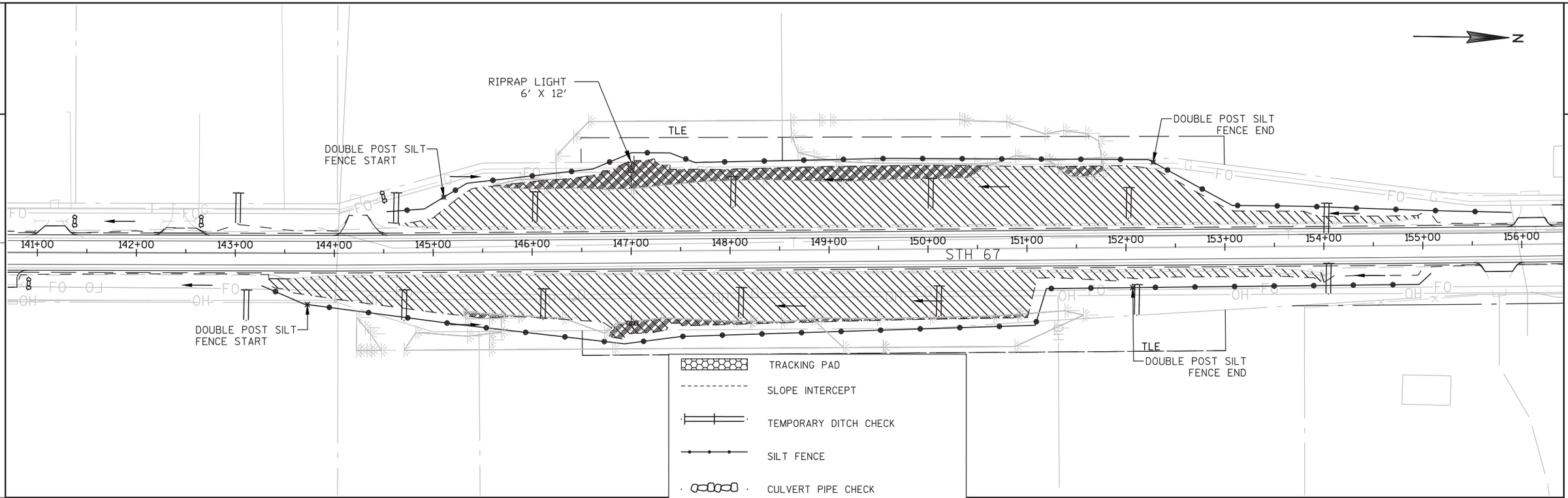
N

126+00 127+00 128+00 129+00 130+00 131+00 132+00 133+00 134+00 135+00 136+00 137+00 138+00 139+00 140+00 141+00

STH 67

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL PLAN	SHEET 76	E

2



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL PLAN	SHEET 77	E

2

DOUBLE POST SILT FENCE END

TOWN HALL ROAD

15+00

TLE

DOUBLE POST SILT FENCE START

RIPRAP LIGHT 6' X 12'

DOUBLE POST SILT FENCE END

PROPOSED STONE DITCH CHECK

TLE

DOUBLE POST SILT FENCE END

PROPOSED STONE DITCH CHECK

PROPOSED STONE DITCH CHECK

DOUBLE POST SILT FENCE END

PROPOSED STONE DITCH CHECK

DOUBLE POST SILT FENCE START

N

169+00 170+00 171+00 172+00 173+00 174+00 175+00 176+00 177+00 178+00 179+00 180+00 181+00 182+00 183+00 184+00

STH 67

20+00

21+00

WATER ROAD

TRACKING PAD

SLOPE INTERCEPT

TEMPORARY DITCH CHECK

SILT FENCE

CULVERT PIPE CHECK

EROSION MAT CLASS 1 TYPE B

URBAN EROSION MAT CLASS 1 TYPE B

IMPACTED WETLAND

INLET PROTECTION TYPE C

INLET PROTECTION TYPE A

RIPRAP LIGHT

N

THEATRE ROAD

17+00

18+00

19+00

8'

NOTE:
1. ONLY REPLACE THE RIPRAP THAT IS DISTURBED DUE TO GRADING. KEEP THE EXISTING RIPRAP IN PLACE AS MUCH AS POSSIBLE.

8'

RIPRAP LIGHT

10'

PROPOSED STONE DITCH CHECK (TYP)

PROPOSED STONE DITCH CHECK (TYP)

DOUBLE POST SILT FENCE END

184+00 185+00 186+00 187+00 188+00 189+00 190+00 191+00 192+00 193+00 194+00 195+00 196+00 197+00 198+00 199+00

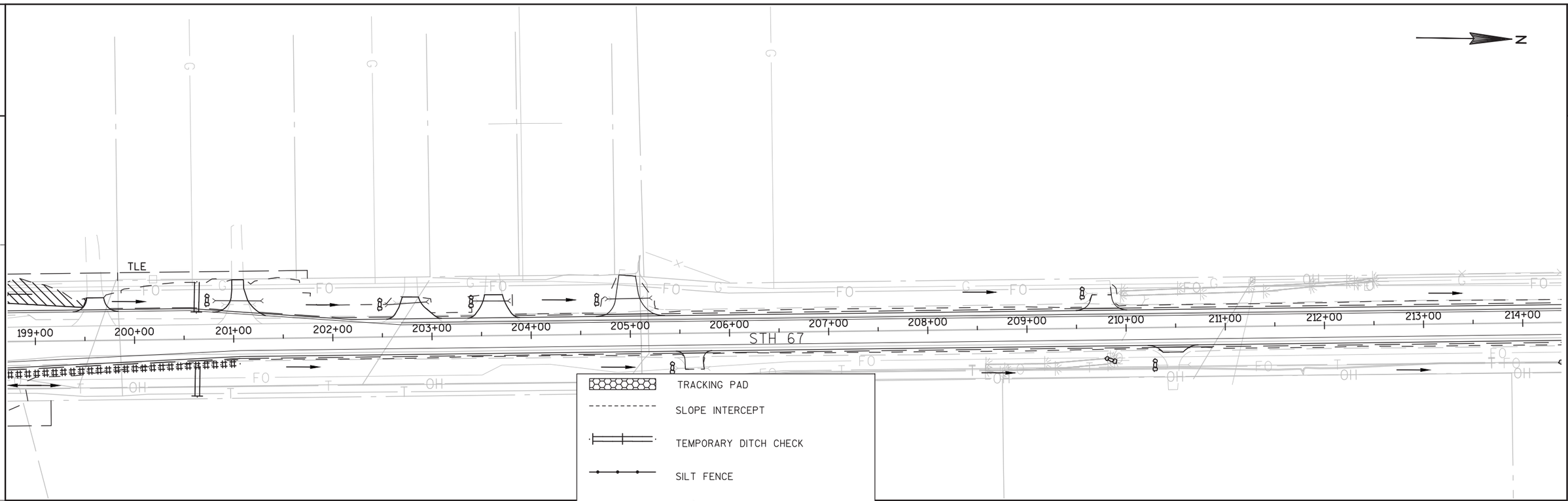
STH 67

TLE

INLET PROTECTION TYPE A

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL PLAN	SHEET 78	E

2



TRACKING PAD

SLOPE INTERCEPT

TEMPORARY DITCH CHECK

SILT FENCE

CULVERT PIPE CHECK

EROSION MAT CLASS 1 TYPE B

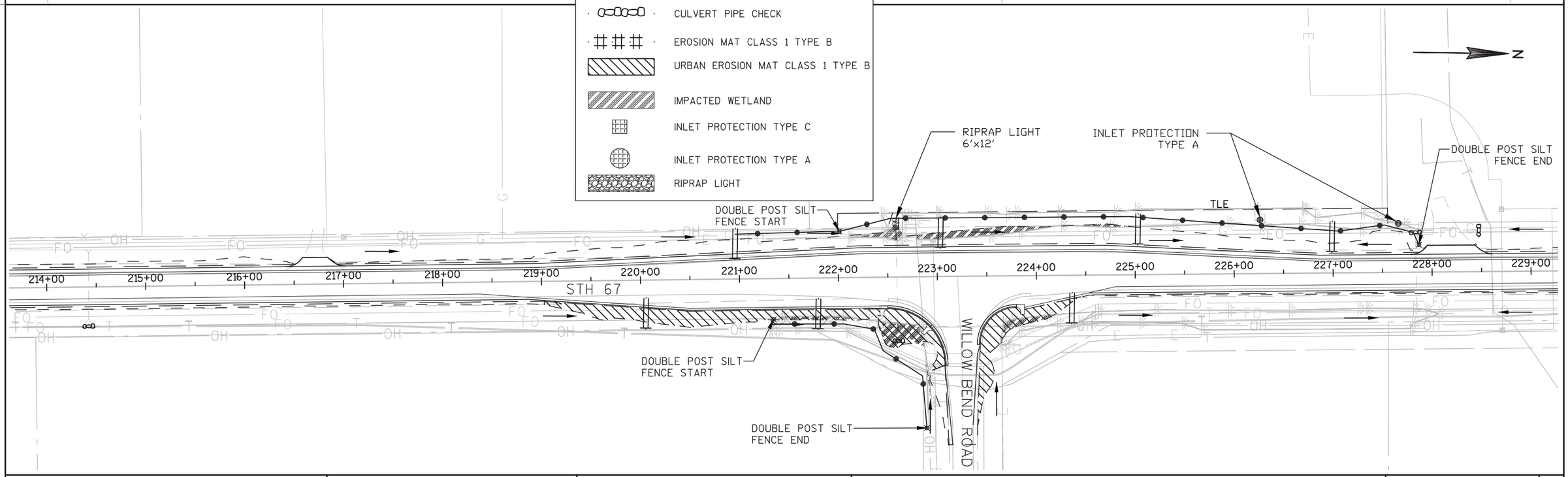
URBAN EROSION MAT CLASS 1 TYPE B

IMPACTED WETLAND

INLET PROTECTION TYPE C

INLET PROTECTION TYPE A

RIPRAP LIGHT



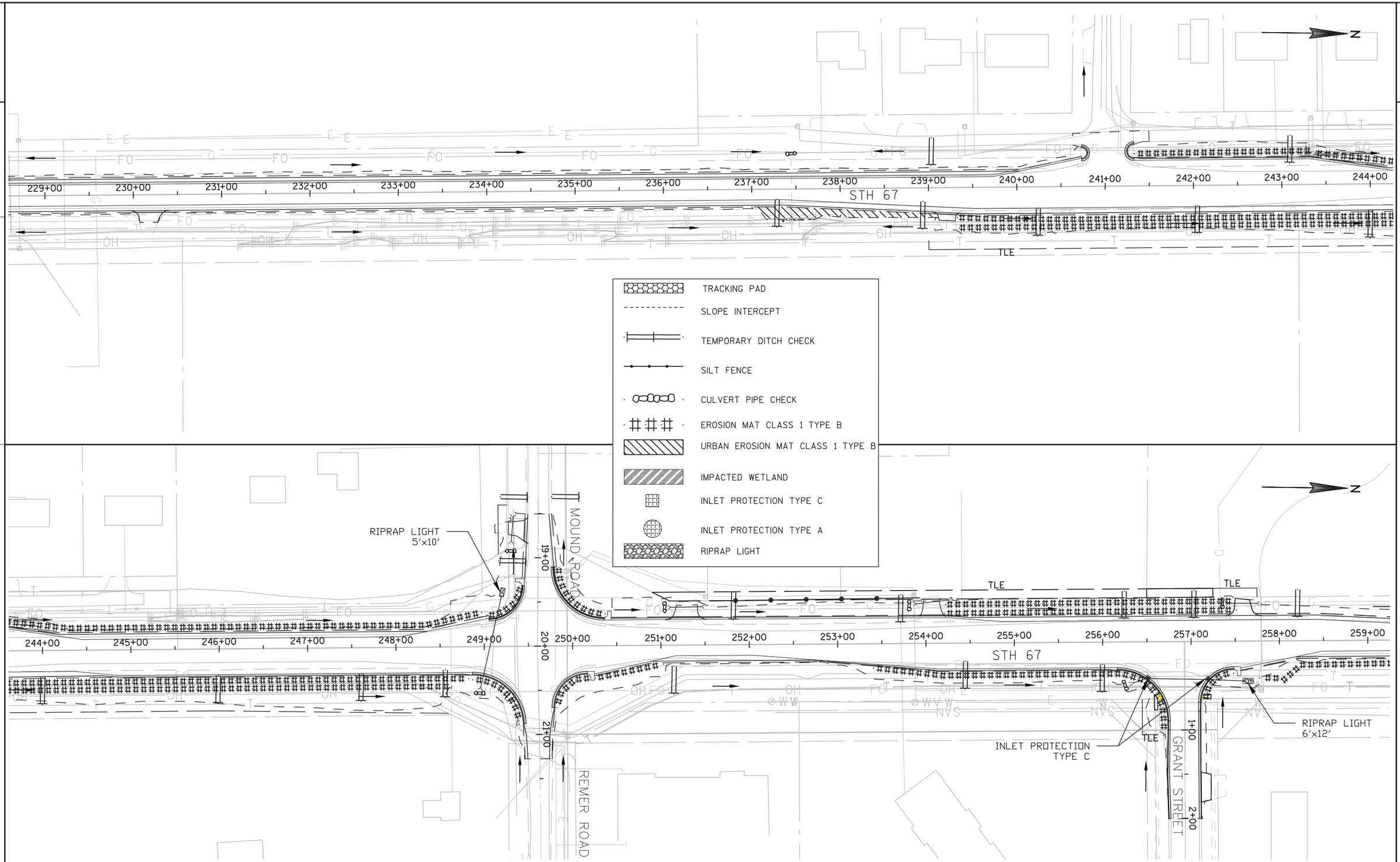
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL PLAN	SHEET 79	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 EC0.DWG PLOT DATE : 4/28/2017 1:47 PM PLOT BY : LOGAN RANDLE PLOT NAME : ---------- PLOT SCALE : 1" = 100'

WISDOT/CADDS SHEET 42

2

2

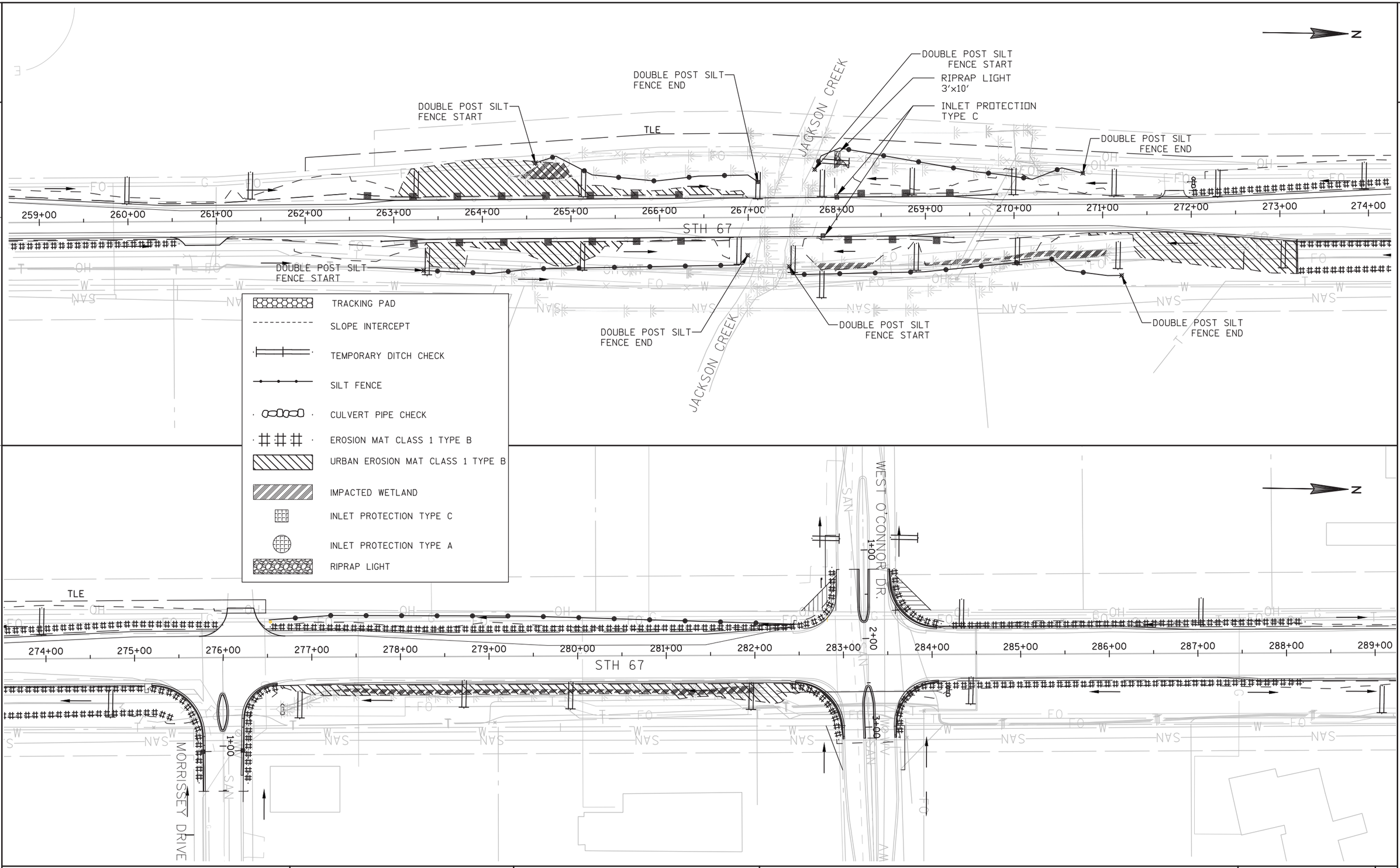


PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL PLAN	SHEET 80	E

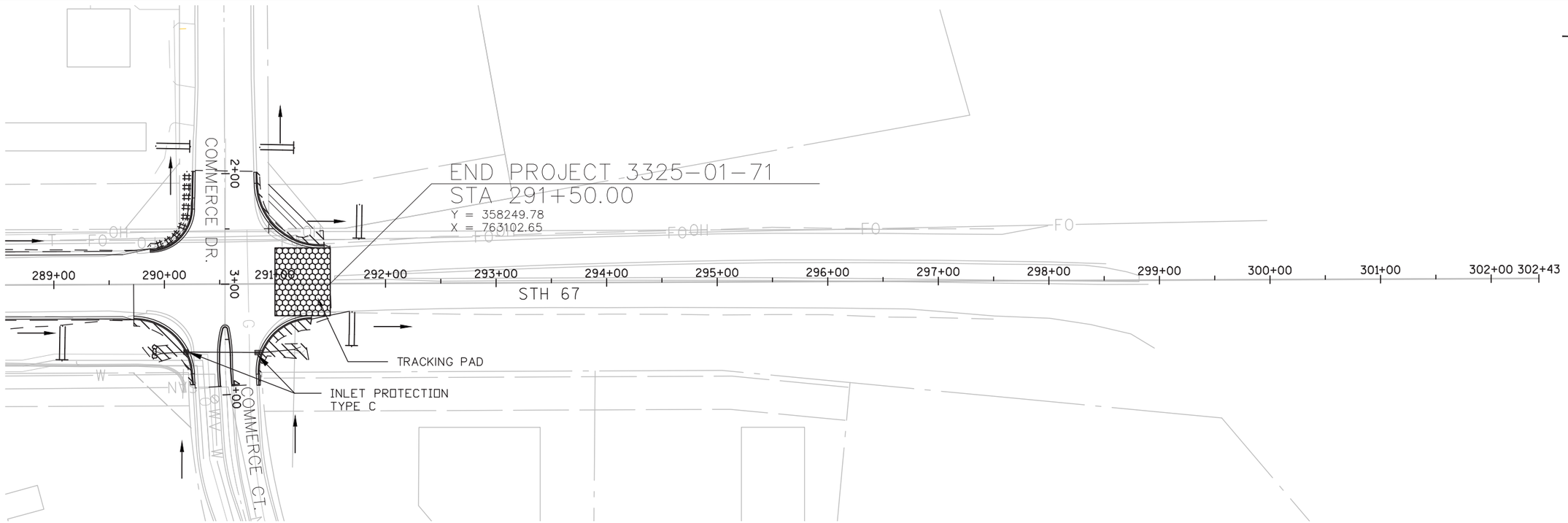
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WISDOT/CADDS SHEET 42

2

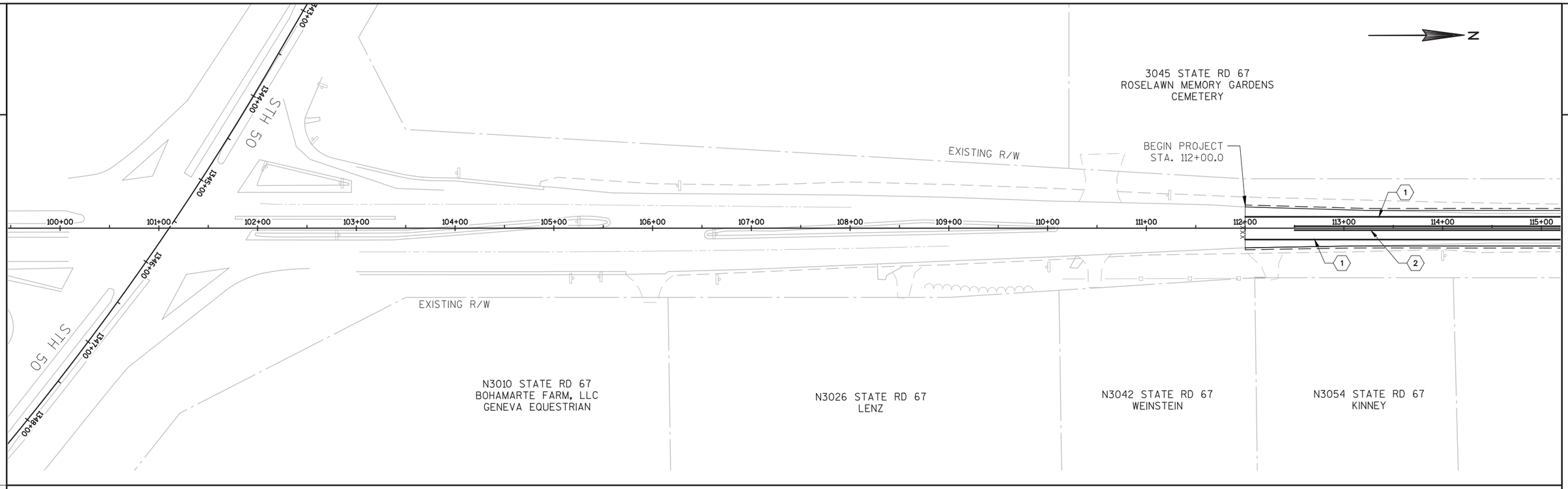


PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL PLAN	SHEET 81	E



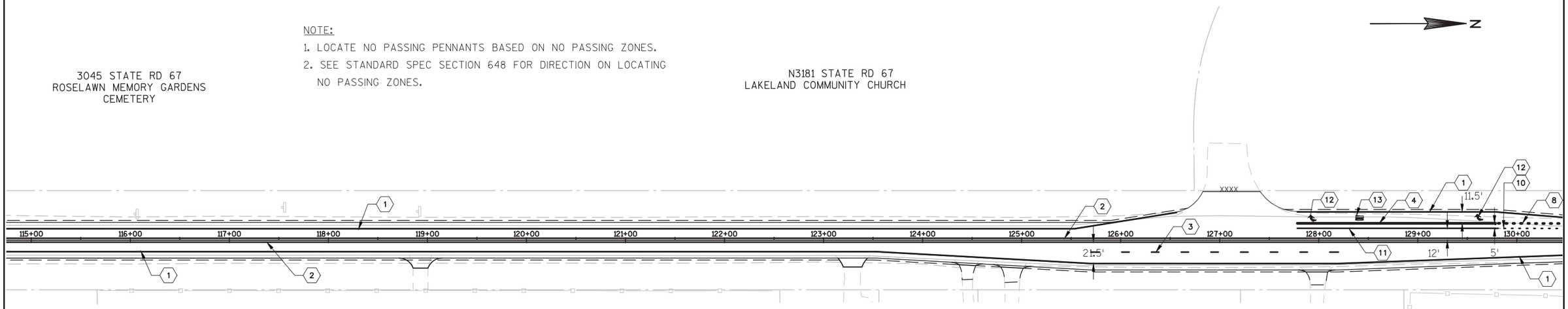
	TRACKING PAD
	SLOPE INTERCEPT
	TEMPORARY DITCH CHECK
	SILT FENCE
	CULVERT PIPE CHECK
	EROSION MAT CLASS 1 TYPE B
	URBAN EROSION MAT CLASS 1 TYPE B
	IMPACTED WETLAND
	INLET PROTECTION TYPE C
	INLET PROTECTION TYPE A
	RIPRAP LIGHT

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL PLAN	SHEET 82	E



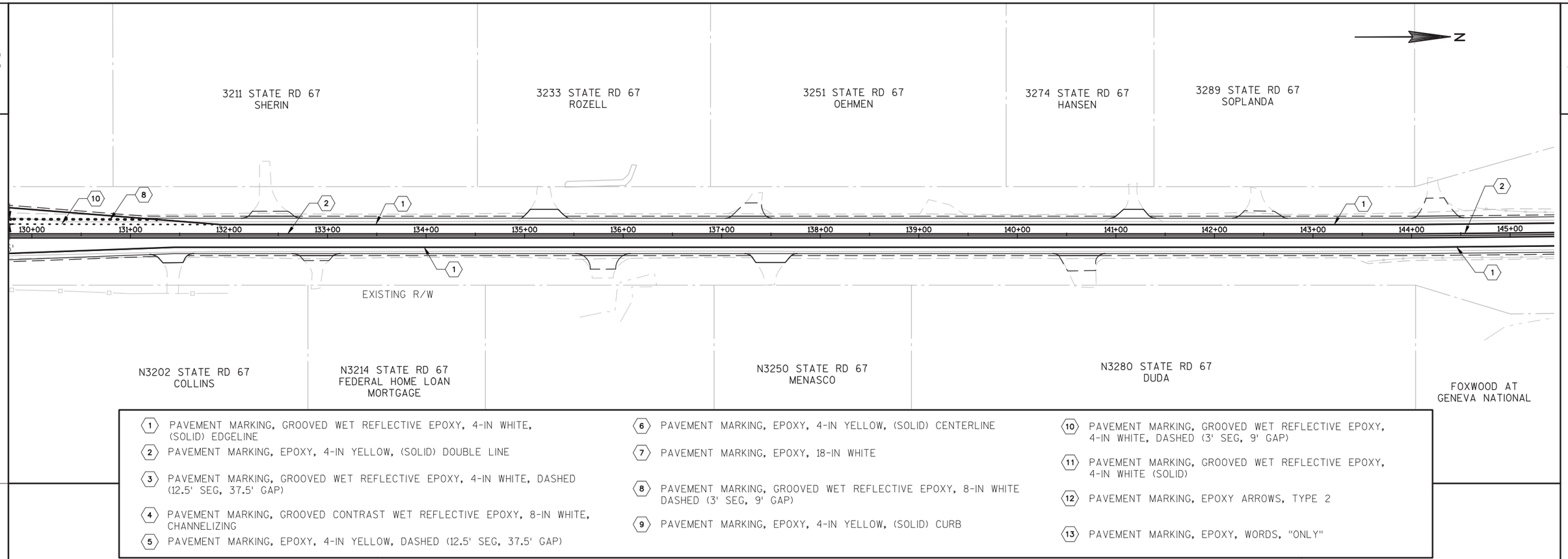
NOTE:

1. LOCATE NO PASSING PENNANTS BASED ON NO PASSING ZONES.
2. SEE STANDARD SPEC SECTION 648 FOR DIRECTION ON LOCATING NO PASSING ZONES.

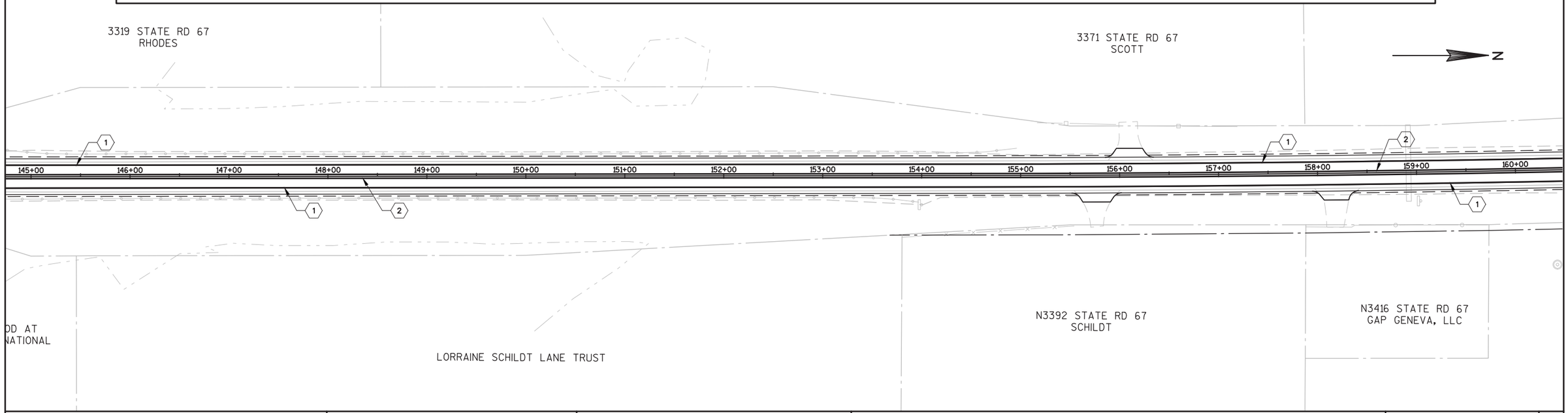


1. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID) EDGELINE
2. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) DOUBLE LINE
3. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (12.5' SEG, 37.5' GAP)
4. PAVEMENT MARKING, GROOVED CONTRAST WET REFLECTIVE EPOXY, 8-IN WHITE, CHANNELIZING
5. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, DASHED (12.5' SEG, 37.5' GAP)
6. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CENTERLINE
7. PAVEMENT MARKING, EPOXY, 18-IN WHITE
8. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 8-IN WHITE DASHED (3' SEG, 9' GAP)
9. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CURB
10. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (3' SEG, 9' GAP)
11. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID)
12. PAVEMENT MARKING, EPOXY ARROWS, TYPE 2
13. PAVEMENT MARKING, EPOXY, WORDS, "ONLY"

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING PLAN: STA 100+00 TO STA 130+00	SHEET 83	E

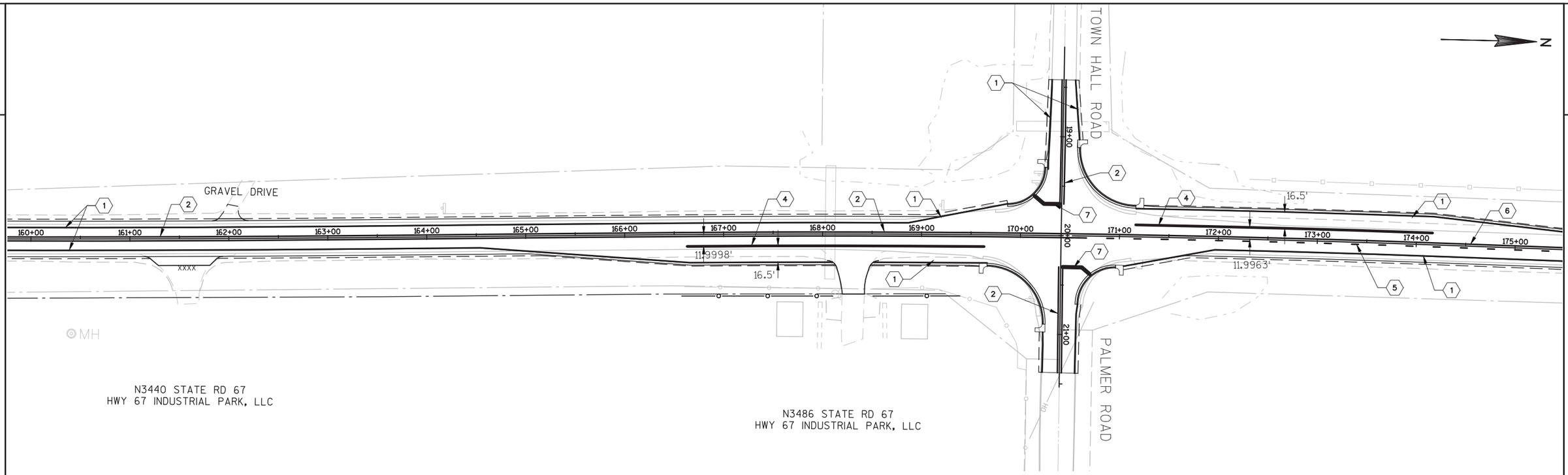


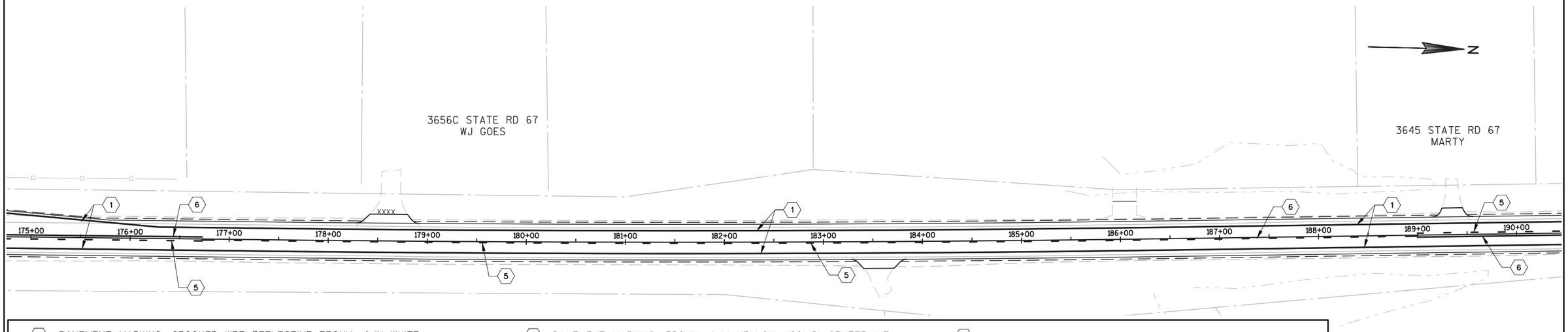
1. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, (SOLID) EDGELINE
2. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) DOUBLE LINE
3. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (12.5' SEG, 37.5' GAP)
4. PAVEMENT MARKING, GROOVED CONTRAST WET REFLECTIVE EPOXY, 8-IN WHITE, CHANNELIZING
5. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, DASHED (12.5' SEG, 37.5' GAP)
6. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CENTERLINE
7. PAVEMENT MARKING, EPOXY, 18-IN WHITE
8. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 8-IN WHITE DASHED (3' SEG, 9' GAP)
9. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CURB
10. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (3' SEG, 9' GAP)
11. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID)
12. PAVEMENT MARKING, EPOXY ARROWS, TYPE 2
13. PAVEMENT MARKING, EPOXY, WORDS, "ONLY"



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING PLAN: STA 130+00 TO STA 160+00	SHEET 84	E

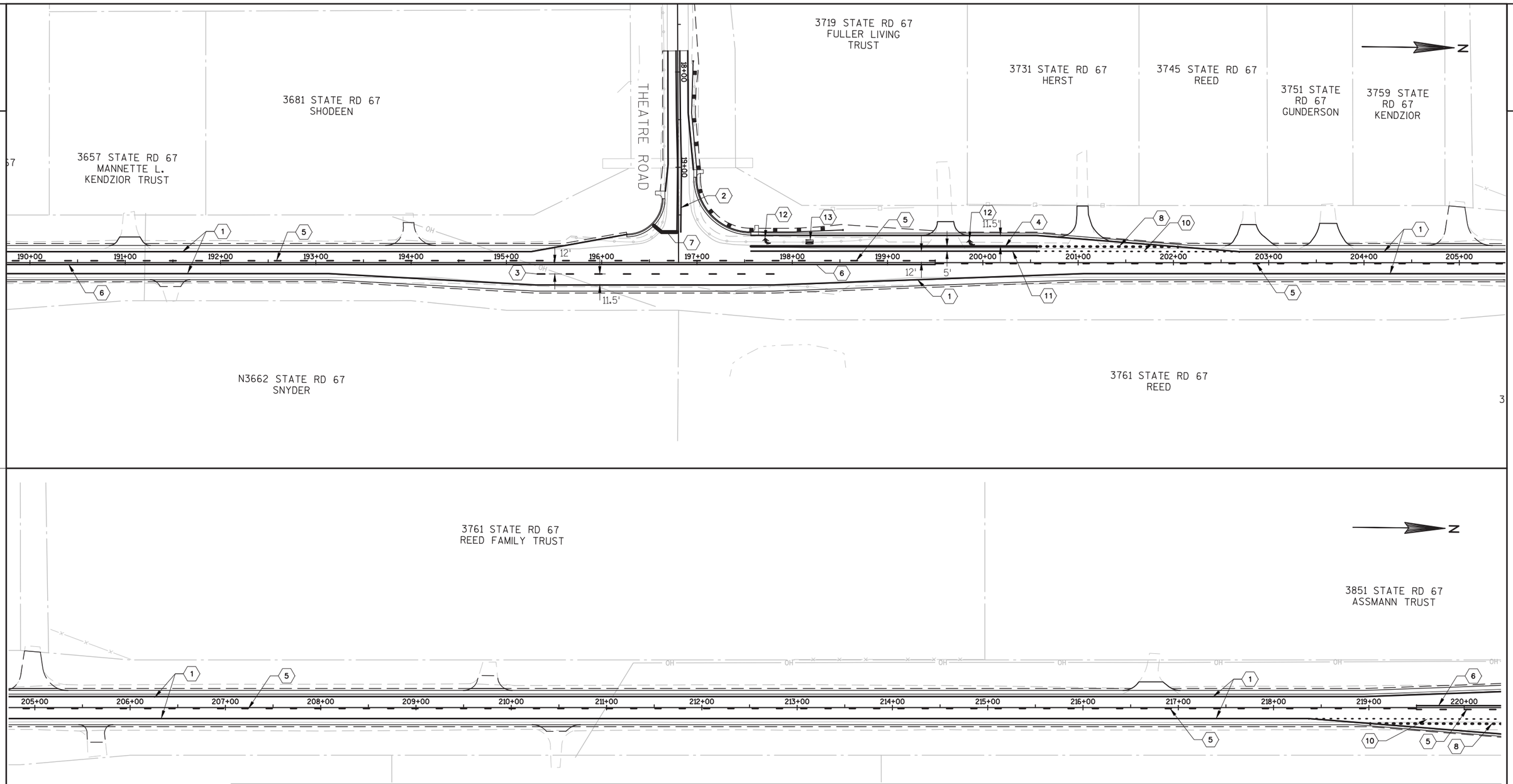
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1. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, (SOLID) EDGELINE
2. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) DOUBLE LINE
3. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (12.5' SEG, 37.5' GAP)
4. PAVEMENT MARKING, GROOVED CONTRAST WET REFLECTIVE EPOXY, 8-IN WHITE, CHANNELIZING
5. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, DASHED (12.5' SEG, 37.5' GAP)
6. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CENTERLINE
7. PAVEMENT MARKING, EPOXY, 18-IN WHITE
8. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 8-IN WHITE DASHED (3' SEG, 9' GAP)
9. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CURB
10. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (3' SEG, 9' GAP)
11. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID)
12. PAVEMENT MARKING, EPOXY ARROWS, TYPE 2
13. PAVEMENT MARKING, EPOXY, WORDS, "ONLY"

PROJECT NO: 3325-01-21	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING PLAN: STA 160+00 TO STA 190+00	SHEET 85	E

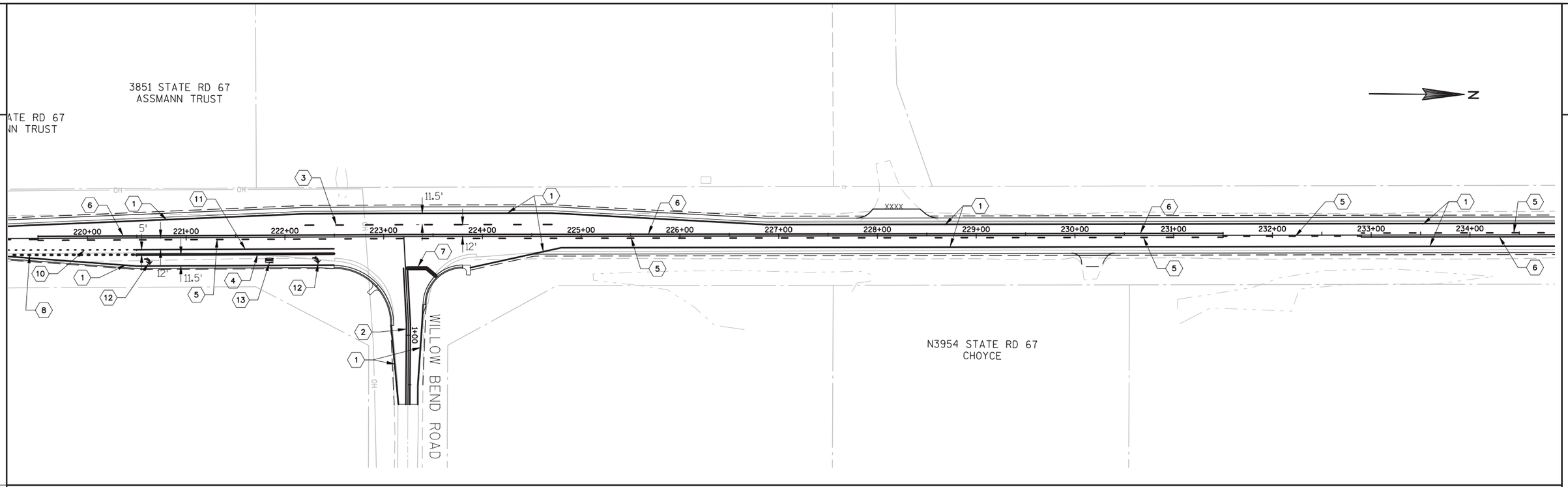


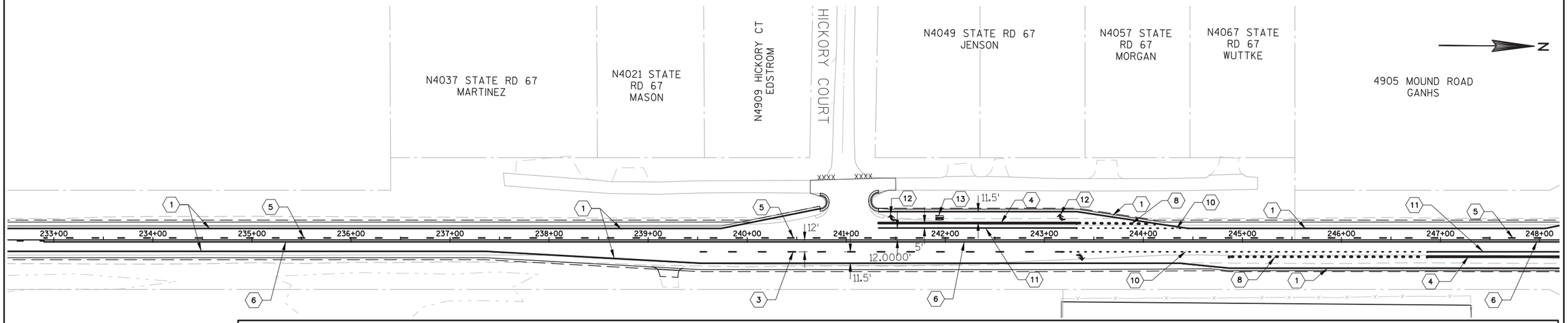
3761 STATE RD 67
REED

1. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, (SOLID) EDGELINE
2. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) DOUBLE LINE
3. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (12.5' SEG, 37.5' GAP)
4. PAVEMENT MARKING, GROOVED CONTRAST WET REFLECTIVE EPOXY, 8-IN WHITE, CHANNELIZING
5. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, DASHED (12.5' SEG, 37.5' GAP)
6. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CENTERLINE
7. PAVEMENT MARKING, EPOXY, 18-IN WHITE
8. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 8-IN WHITE DASHED (3' SEG, 9' GAP)
9. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CURB
10. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (3' SEG, 9' GAP)
11. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID)
12. PAVEMENT MARKING, EPOXY ARROWS, TYPE 2
13. PAVEMENT MARKING, EPOXY, WORDS, "ONLY"

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING PLAN: STA 190+00 TO STA 220+00	SHEET 86	E

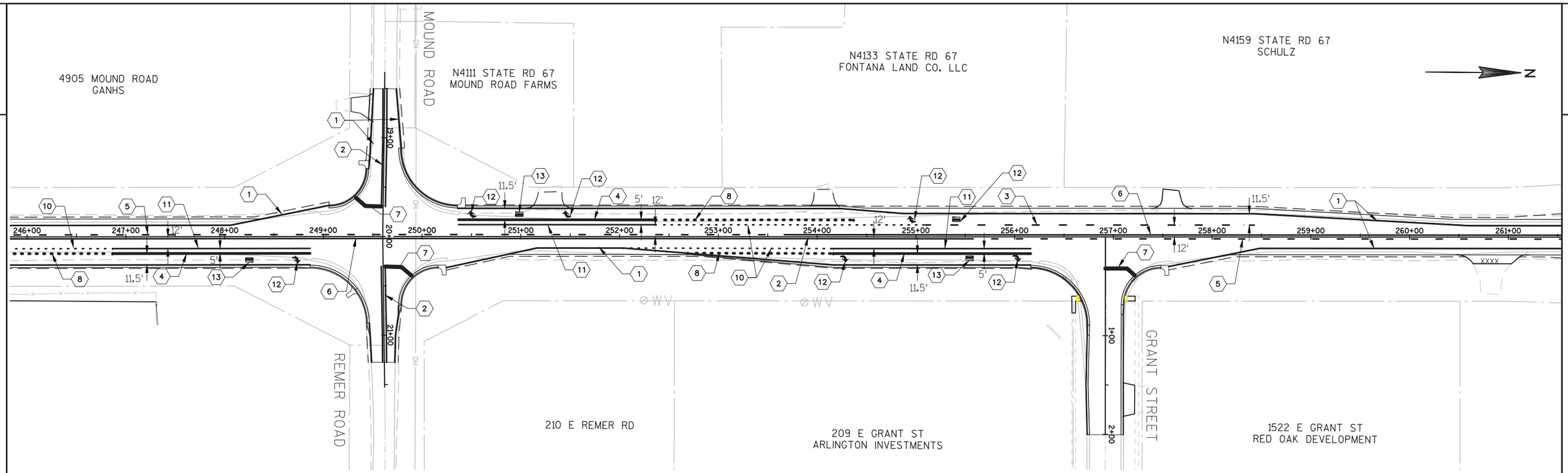
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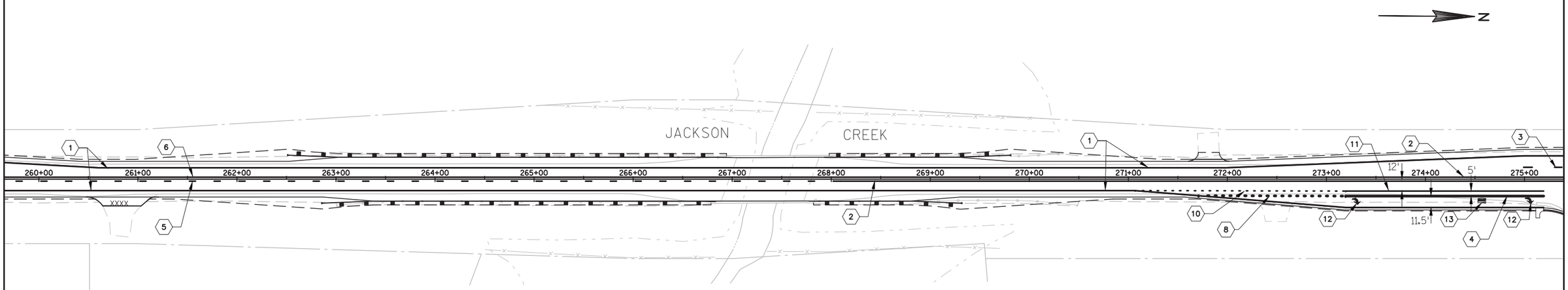




1. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, (SOLID) EDGELINE
2. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) DOUBLE LINE
3. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (12.5' SEG, 37.5' GAP)
4. PAVEMENT MARKING, GROOVED CONTRAST WET REFLECTIVE EPOXY, 8-IN WHITE, CHANNELIZING
5. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, DASHED (12.5' SEG, 37.5' GAP)
6. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CENTERLINE
7. PAVEMENT MARKING, EPOXY, 18-IN WHITE
8. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 8-IN WHITE DASHED (3' SEG, 9' GAP)
9. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CURB
10. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (3' SEG, 9' GAP)
11. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID)
12. PAVEMENT MARKING, EPOXY ARROWS, TYPE 2
13. PAVEMENT MARKING, EPOXY, WORDS, "ONLY"

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING PLAN: STA 220+00 TO STA 248+00	SHEET 87	E



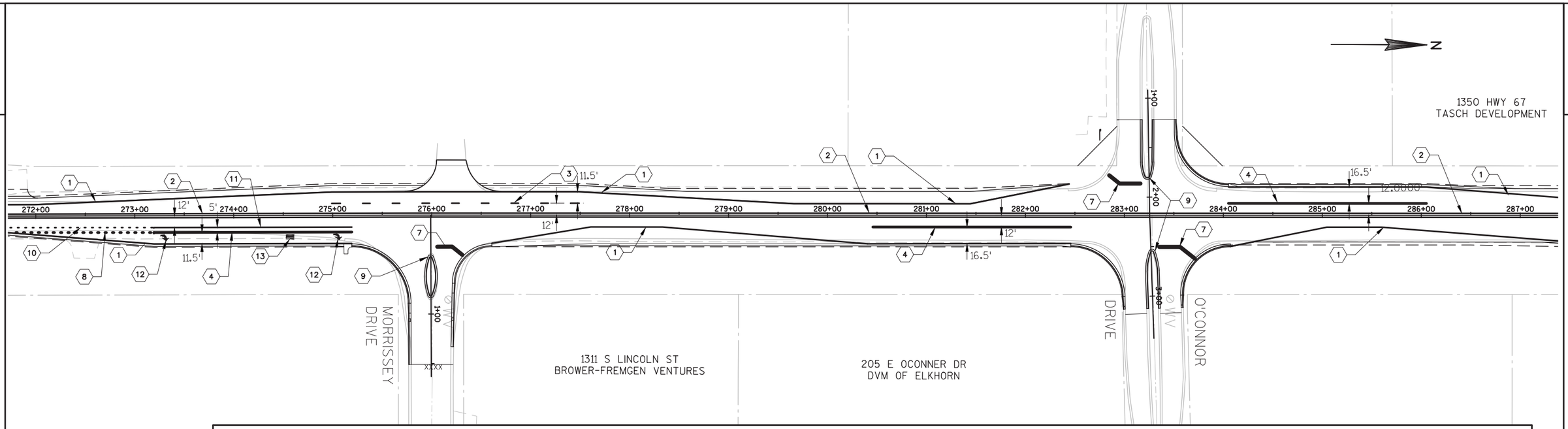


1. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, (SOLID) EDGELINE
2. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) DOUBLE LINE
3. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (12.5' SEG, 37.5' GAP)
4. PAVEMENT MARKING, GROOVED CONTRAST WET REFLECTIVE EPOXY, 8-IN WHITE, CHANNELIZING
5. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, DASHED (12.5' SEG, 37.5' GAP)
6. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CENTERLINE
7. PAVEMENT MARKING, EPOXY, 18-IN WHITE
8. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 8-IN WHITE DASHED (3' SEG, 9' GAP)
9. PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CURB
10. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (3' SEG, 9' GAP)
11. PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID)
12. PAVEMENT MARKING, EPOXY ARROWS, TYPE 2
13. PAVEMENT MARKING, EPOXY, WORDS, "ONLY"

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING PLAN: STA 246+00 TO STA 275+00	SHEET 88	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PAVEMENT MARKING.DWG
PLOT DATE : 4/28/2017 1:40 PM
PLOT BY : ----
PLOT NAME :
PLOT SCALE : 1" = 100'
WISDOT/CADDS SHEET 42

2



1 PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, (SOLID) EDGELINE

2 PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) DOUBLE LINE

3 PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (12.5' SEG, 37.5' GAP)

4 PAVEMENT MARKING, GROOVED CONTRAST WET REFLECTIVE EPOXY, 8-IN WHITE, CHANNELIZING

5 PAVEMENT MARKING, EPOXY, 4-IN YELLOW, DASHED (12.5' SEG, 37.5' GAP)

6 PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CENTERLINE

7 PAVEMENT MARKING, EPOXY, 18-IN WHITE

8 PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 8-IN WHITE DASHED (3' SEG, 9' GAP)

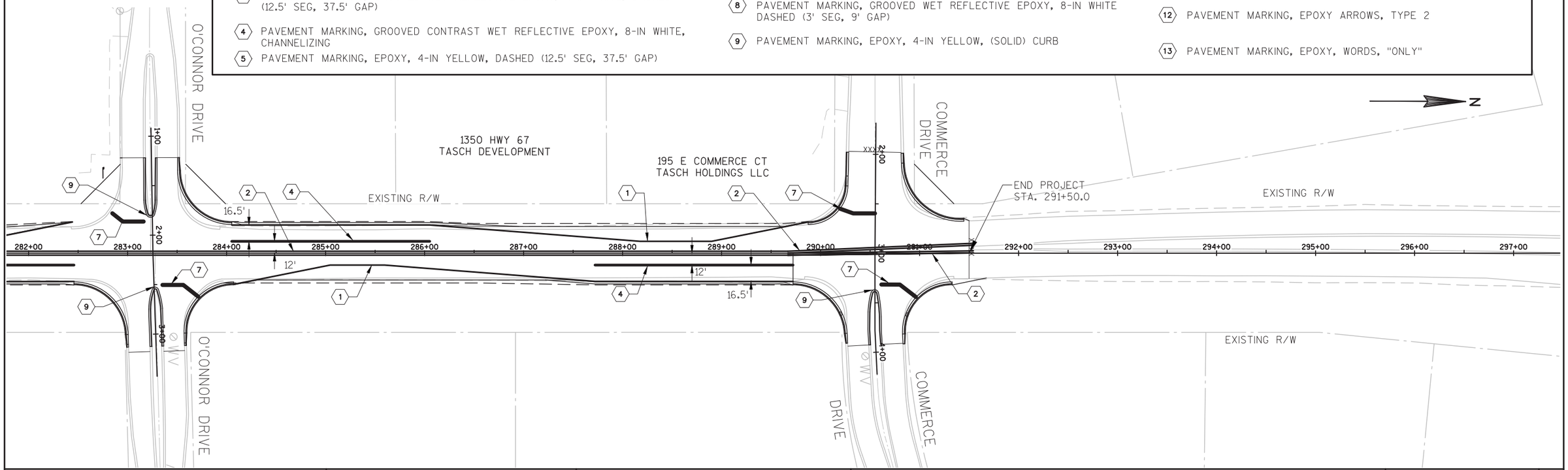
9 PAVEMENT MARKING, EPOXY, 4-IN YELLOW, (SOLID) CURB

10 PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE, DASHED (3' SEG, 9' GAP)

11 PAVEMENT MARKING, GROOVED WET REFLECTIVE EPOXY, 4-IN WHITE (SOLID)

12 PAVEMENT MARKING, EPOXY ARROWS, TYPE 2

13 PAVEMENT MARKING, EPOXY, WORDS, "ONLY"



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING PLAN: STA 272+00 TO STA 297+00	SHEET 89	E

Signing notes

Type II aluminum signs removed under the contract shall be delivered to the County sign shop. Contact Dennis Newton, 414-266-1165 for distribution county location.

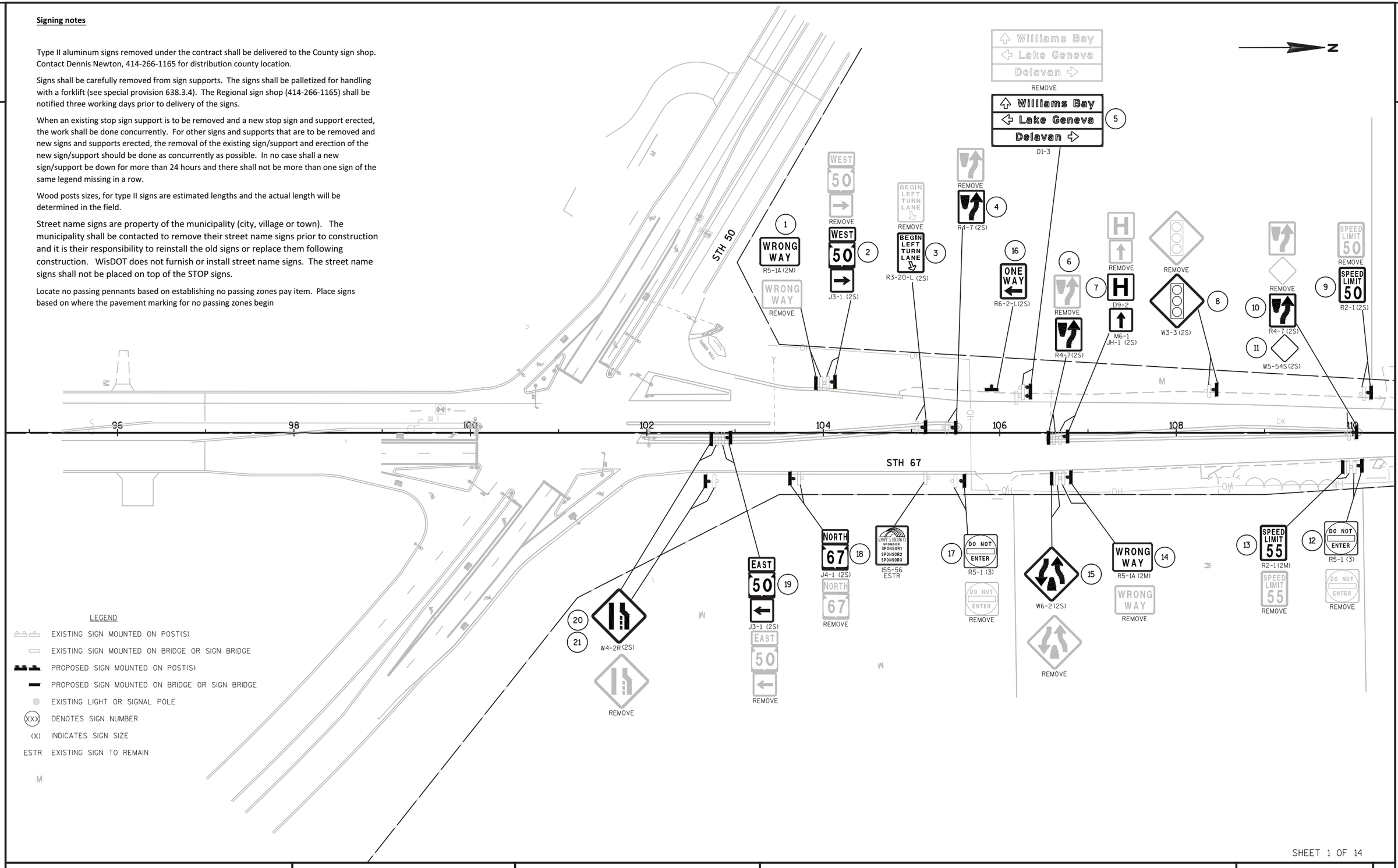
Signs shall be carefully removed from sign supports. The signs shall be palletized for handling with a forklift (see special provision 638.3.4). The Regional sign shop (414-266-1165) shall be notified three working days prior to delivery of the signs.

When an existing stop sign support is to be removed and a new stop sign and support erected, the work shall be done concurrently. For other signs and supports that are to be removed and new signs and supports erected, the removal of the existing sign/support and erection of the new sign/support should be done as concurrently as possible. In no case shall a new sign/support be down for more than 24 hours and there shall not be more than one sign of the same legend missing in a row.

Wood posts sizes, for type II signs are estimated lengths and the actual length will be determined in the field.

Street name signs are property of the municipality (city, village or town). The municipality shall be contacted to remove their street name signs prior to construction and it is their responsibility to reinstall the old signs or replace them following construction. WisDOT does not furnish or install street name signs. The street name signs shall not be placed on top of the STOP signs.

Locate no passing pennants based on establishing no passing zones pay item. Place signs based on where the pavement marking for no passing zones begin



SHEET 1 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 90	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023201_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

2

N

22 STOP R1-1F(3) — STOP REMOVE

24 DO NOT ENTER R5-1 (2S) — DO NOT ENTER REMOVE

25 YIELD R1-2 ON LIGHT POLE — YIELD REMOVE

26 W12-1D 2' MOUNT HEIGHT — REMOVE

28 STOP R1-1F(3) ON LIGHT POLE — STOP REMOVE

27 ONE WAY R6-2-L(2S) — ONE WAY REMOVE

23 R4-7 (2S) — REMOVE

29 R4-7 (2S) — REMOVE

31 DO NOT ENTER R5-1 (2S) — DO NOT ENTER REMOVE

30 ONE WAY R6-2-L(2S) — ONE WAY REMOVE

32 STOP R1-1F(3) ON LIGHT POLE — STOP REMOVE

33 YIELD R1-2 ON LIGHT POLE — YIELD REMOVE

34 W12-1D 2' MOUNT HEIGHT — REMOVE

STH 50

TIMBER WALL

OH

STH 67

100 102 104

44 DO NOT ENTER R5-1 (2S) — DO NOT ENTER REMOVE

42 R4-7 (2S) — REMOVE

39 ONE WAY R6-2-L(2S) — ONE WAY REMOVE

47 W12-1D (2S) 2' MOUNT HEIGHT — REMOVE

46 YIELD R1-2 (2S) — YIELD REMOVE

45 ONE WAY R6-2-L(2S) — ONE WAY REMOVE

43 STOP R1-1F(3) — STOP REMOVE

41 W12-1D 2' MOUNT HEIGHT — REMOVE

40 STOP R1-1F(3) ON LIGHT POLE — STOP REMOVE

37 DO NOT ENTER R5-1 (2S) — DO NOT ENTER REMOVE

38 YIELD R1-2 — YIELD REMOVE

36 R4-7 (2M) ON LIGHT POLE — REMOVE

35 STOP R1-1F(3) ON LIGHT POLE — STOP REMOVE

STH 50

SHEET 1A OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 91	E

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

XXX DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

REMOVE

EAST 50 SOUTH 67 WEST 50

48

J2-3(2S)

REMOVE

SPEED LIMIT 50

49

W3-5(2S)

REMOVE

50

W6-2(2S)

REMOVE

JCT 50

51

J1-1(2S)

110 112 114 116 118 120 122 124

STH 67

53

W6-3(2S)

REMOVE

NO PASSING ZONE

52

W14-3(2S)

REMOVE

SHEET 2 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 92	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023202_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

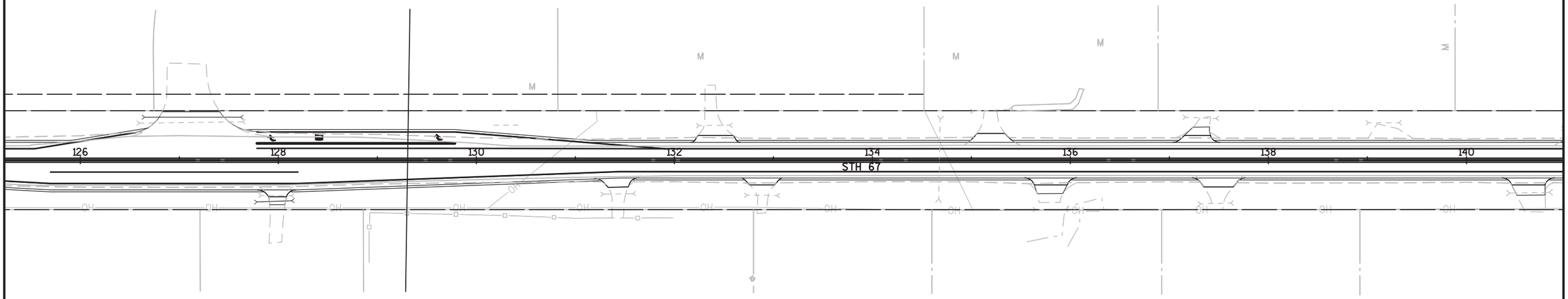
XXX DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

NO SIGNS ON THIS SHEET



2

SHEET 3 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 93	E

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

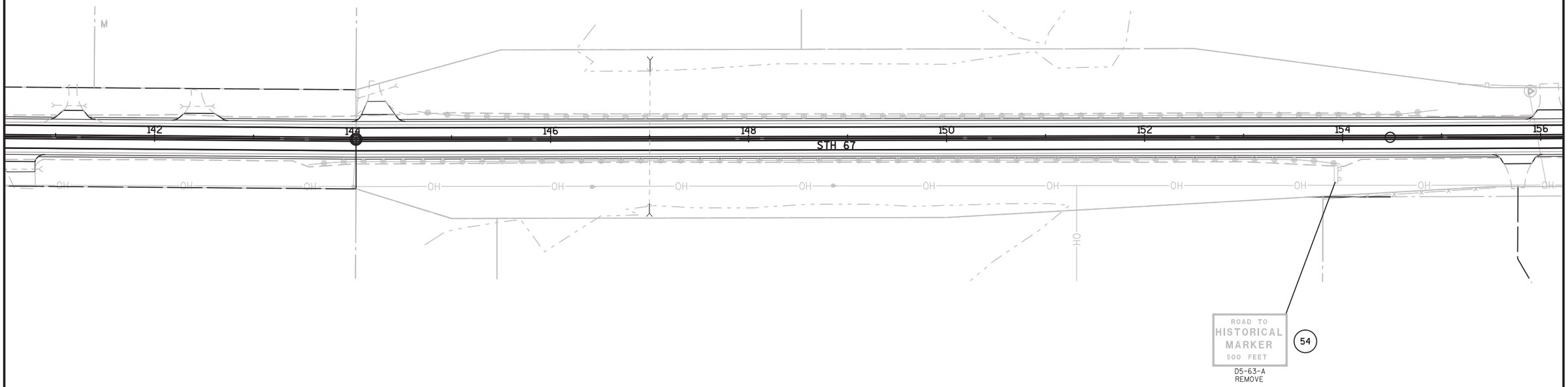
EXISTING LIGHT OR SIGNAL POLE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N



2

SHEET 4 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 94	E

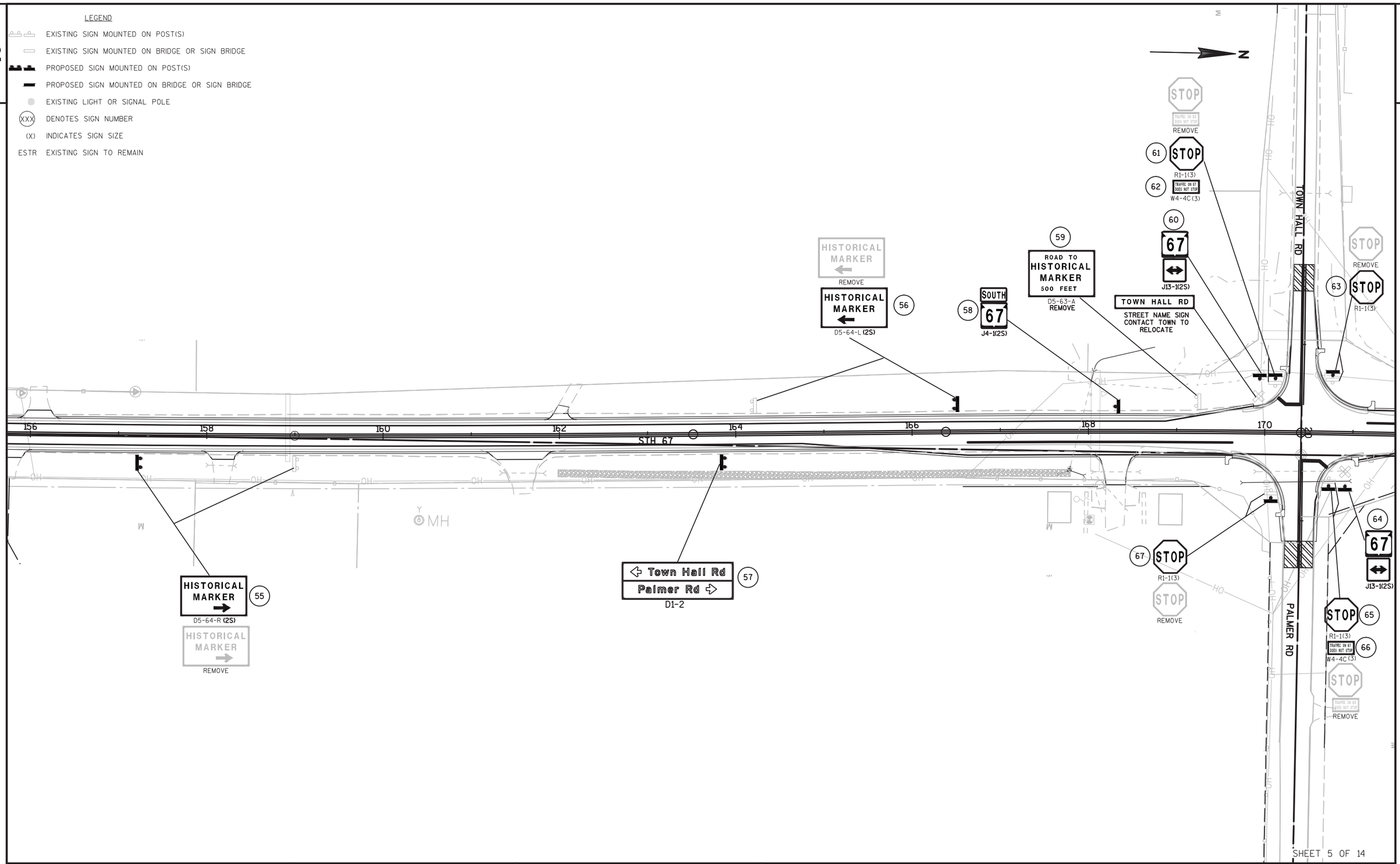
FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023204_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 5 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 95	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023205_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

68 JCT 67 J1-1(2S)

TOWN HALL RD

SPEED LIMIT 45 R2-1 ESTR

CLASS B HIGHWAY

REWARD ESTR

Palmer Rd
Town Hall Rd
71 D1-2

170 172 174 176 178 180 182 184

STH 67

ST HWY 67
PALMER RD
STREET NAME SIGN CONTACT TOWN TO RELOCATE

NORTH 67 70 J4-1(2S)

NO PASSING ZONE 72 W14-3(2S)

NO PASSING ZONE REMOVE

PALMER RD

SPEED LIMIT 45 R2-1

CLASS B HIGHWAY ESTR

JCT 67 69 J1-1(2S)

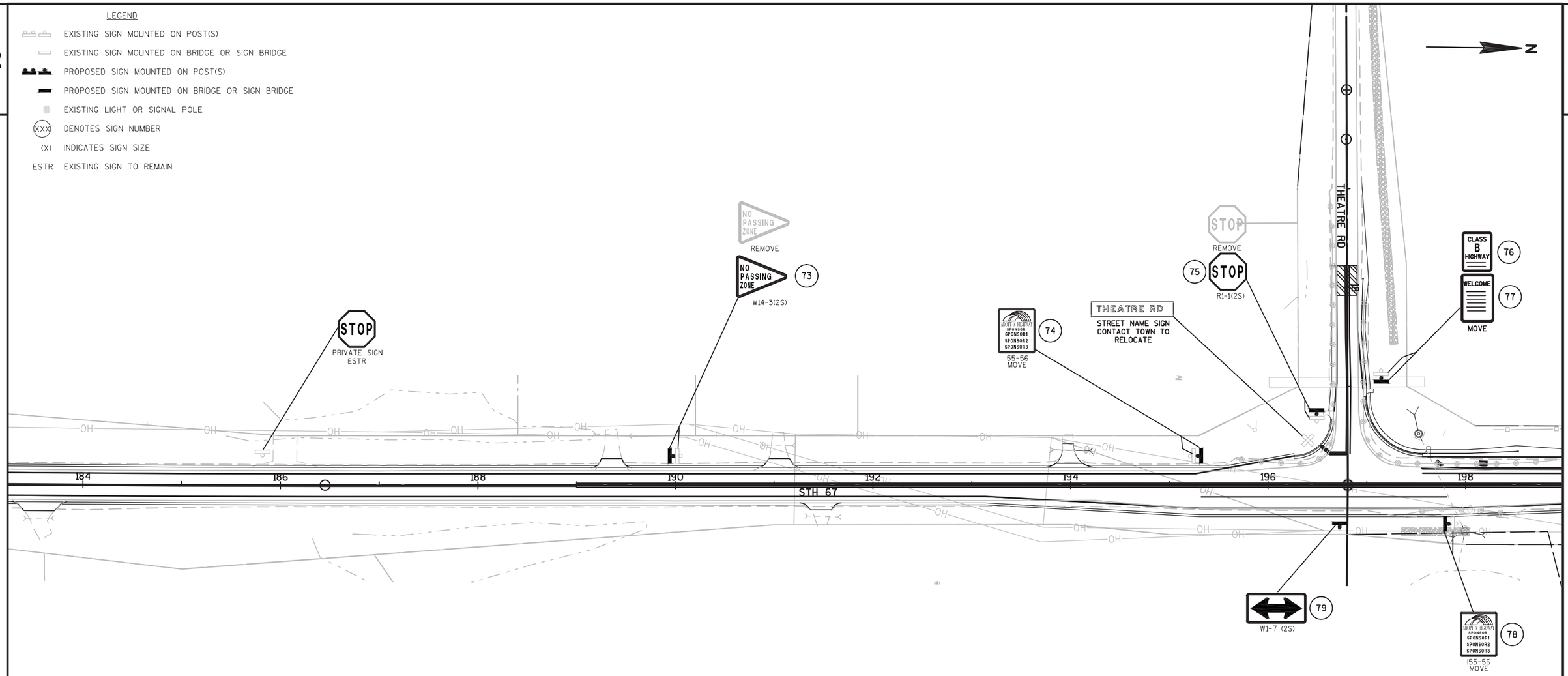
SHEET 6 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 96	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 7 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 97	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023207_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

XXX DENOTES SIGN NUMBER

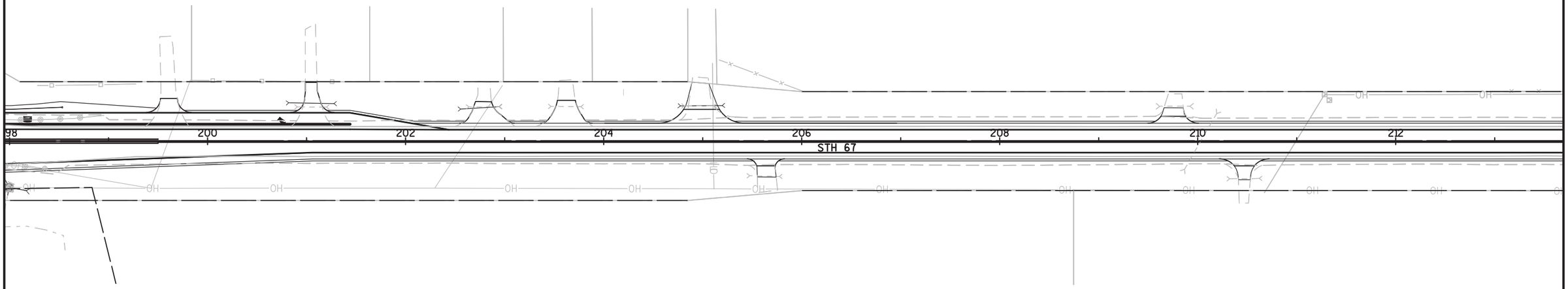
(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2

NO SIGNS ON THIS SHEET



SHEET 8 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 98	E

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

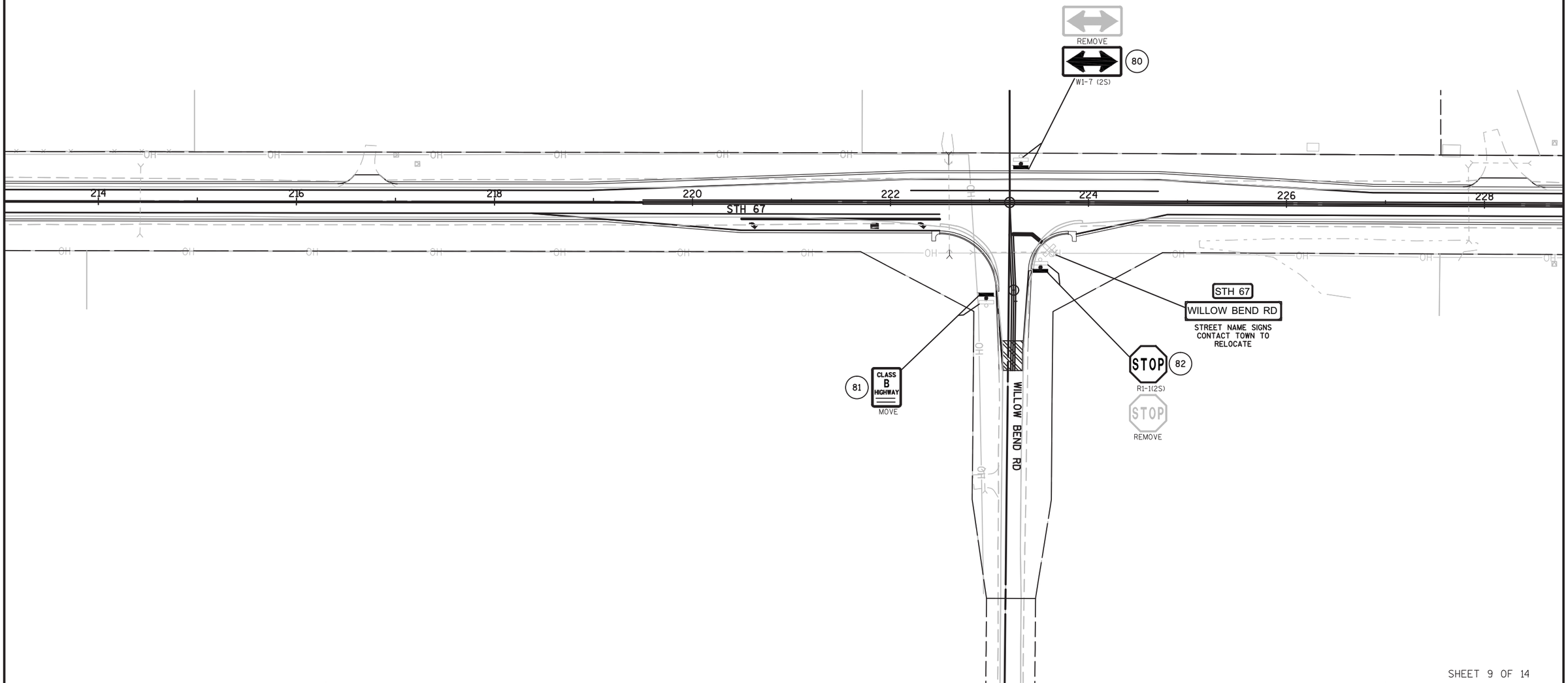
(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2



SHEET 9 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 99	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023209_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

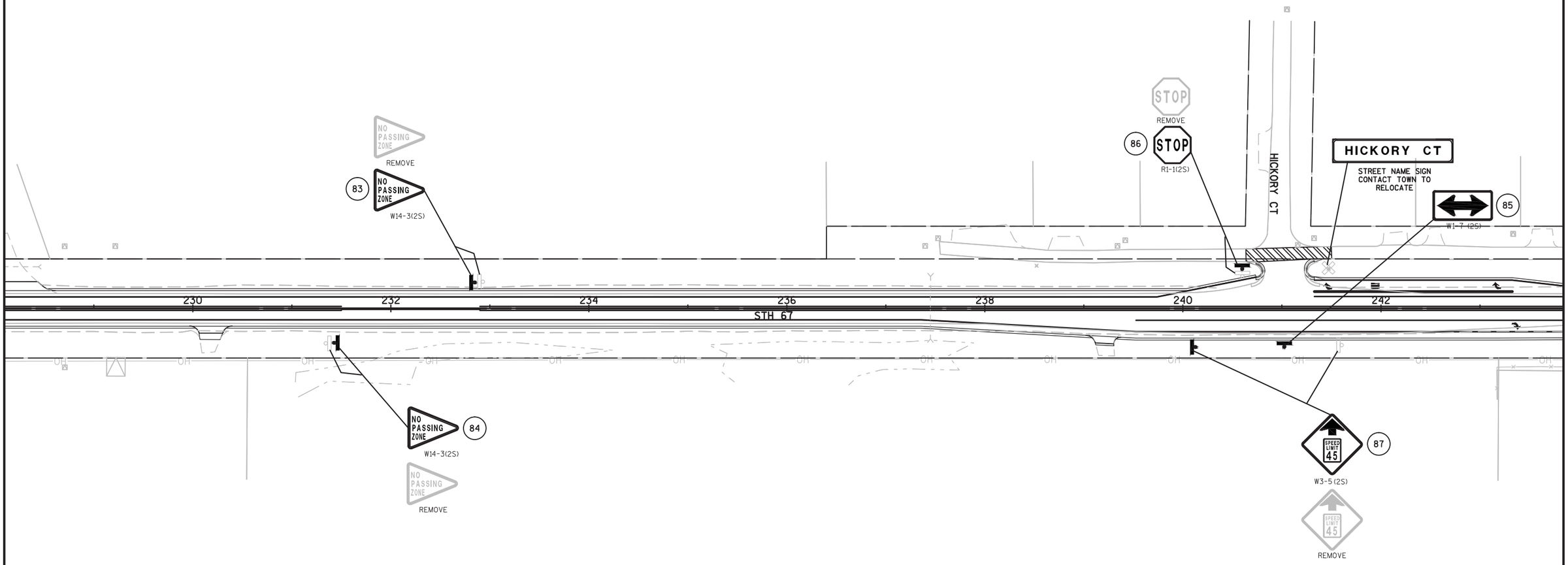
EXISTING LIGHT OR SIGNAL POLE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N



SHEET 10 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 100	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023210_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

88 RIGHT LANE MUST TURN RIGHT — R3-7-R (3)

89 Mound Rd / Remer Rd — D1-2

90 RIGHT LANE MUST TURN RIGHT — R3-7-R (3)

91 SPEED LIMIT 35 — R2-1

92 CLASS B HIGHWAY — MOVE

93 SPEED LIMIT 55 — R2-1(2S)

REMOVE SPEED LIMIT 55

94 STOP — R1-1(2S)

REMOVE STOP

MOUND RD

STREET NAME SIGN CONTACT TOWN TO RELOCATE

CLASS B HIGHWAY / REWARD — ESTR

95 STOP — R1-1(2S)

REMOVE STOP

96 SPEED LIMIT 45 — R2-1(3)

REMOVE SPEED LIMIT 45

STH 67 / REMER RD

STREET NAME SIGN CONTACT TOWN TO RELOCATE

97 RIGHT LANE MUST TURN RIGHT — R3-7-R (3)

98 Remer Rd / Mound Rd — D1-2

99 RIGHT LANE MUST TURN RIGHT — R3-7-R (3)

100 Elkhorn POPULATION 10,084 — I2-3

REMOVE Elkhorn POPULATION 10,084

101 NOTICE NIGHT PARKING

MOVE PROPERTY OF CITY

102 — W1-7 (2S)

103 STOP — R1-1(2S) ON LIGHT POLE

REMOVE STOP

244 246 248 250 252 254 256 258

STH 67

REMER RD

MOUND RD

GRANT ST

OH WV

SHEET 11 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 101	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023211_PS

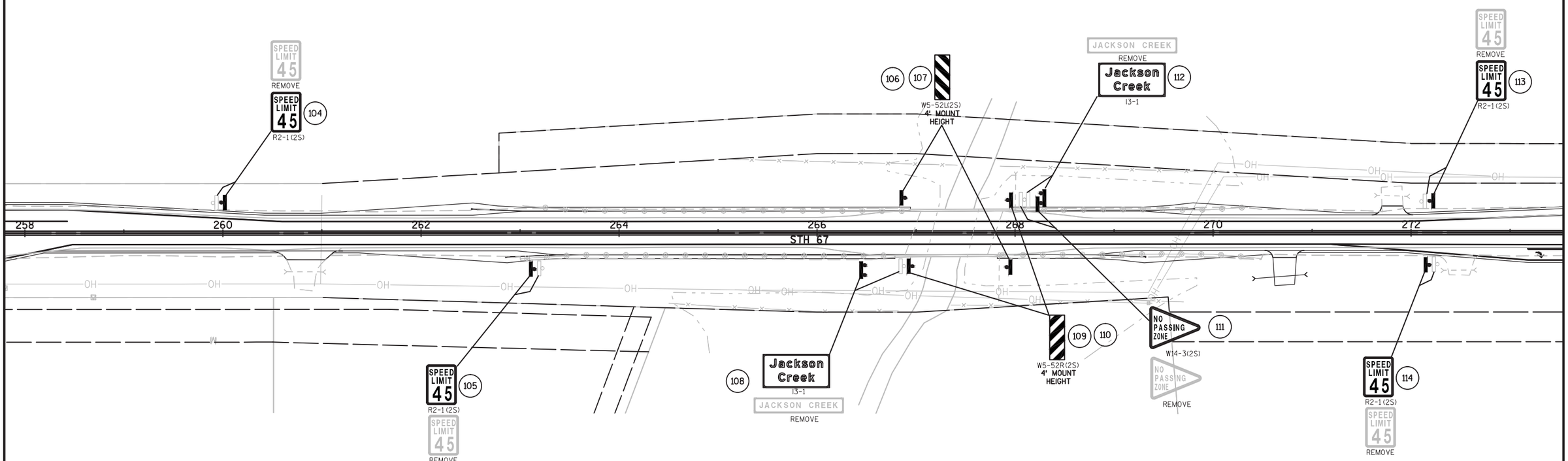
PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N



SHEET 12 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 102	E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023212_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2

115 R4-7 (2S)

HWY 67
O'CONNOR DR
STREET NAME SIGN
CONTACT CITY TO
RELOCATE

STOP REMOVE

117 STOP R1-1(2S)

O'CONNOR DR

REMOVE

118 R4-7 (2S)
ON LIGHT POLE

SPEED LIMIT 45 REMOVE

SPEED LIMIT 45 124 R2-1(2S)

125 I55-56 MOVE

274 276 278 280 282 284 286 288

STH 67

NO OUTLET W14-2 ESTR

E MORRISSEY DR

MORRISSY DR
S LINCOLN ST
STREET NAME SIGN
CONTACT CITY TO RELOCATE.
DO NOT PLACE ON SAME
POST AS STOP SIGN

STOP 116 R1-1(2S)

STOP REMOVE

119 R4-7 (2S)
ON LIGHT POLE

O'CONNOR DR

SPEED LIMIT 45 121 R2-1(2S)

SPEED LIMIT 45 REMOVE

122 W6-2 (2S)

REMOVE

Commerce Dr
Commerce Ct 123
D1-2

HWY 67
O'CONNOR DR
STREET NAME SIGN
CONTACT CITY TO
RELOCATE

STOP 120 R1-1(2S)

STOP REMOVE

SHEET 13 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 103 E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023213_PS

PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)
EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
PROPOSED SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
EXISTING LIGHT OR SIGNAL POLE
(XXX) DENOTES SIGN NUMBER
(X) INDICATES SIGN SIZE
ESTR EXISTING SIGN TO REMAIN

N

126 SOUTH 67 REMOVE
Williams Bay 5 D2-1
Williams Bay 5 REMOVE
HWY 67
COMMERCE DR
STREET NAME SIGN CONTACT CITY TO RELOCATE
127 STOP R1-1(2S)
STOP REMOVE
128 W6-3 (2S)
COMMERCE DR
129 DO NOT ENTER R5-1 (2S)
DO NOT ENTER REMOVE
REMOVE
130 R4-7 (2S)
131 W5-54S(2S)
W3-3 ESTR
WRONG WAY R5-1A ESTR
SPEED LIMIT 45 R2-1 ESTR
W6-2 ESTR
SOUTH 67 J4-1 ESTR

288 290 292 294 296 298 300
STH 67

138 JCT 43 J1-1(2S)
JCT 43 REMOVE
137 DEAD END REMOVE
DEAD END W14-1 (2S)
136 REMOVE R4-7 (2S) ON LIGHT POLE
COMMERCE CT
COMMERCE CT
S LINCOLN ST
STREET NAME SIGN CONTACT CITY TO RELOCATE. DO NOT PLACE ON SAME POST AS STOP SIGN
135 STOP R1-1(2S)
STOP REMOVE
NEW TRAFFIC PATTERN AHEAD
133 REMOVE
134
SOUTH 43 NORTH 67 NORTH 43 J2-3 ESTR
132 Beloit Elkhorn Milwaukee D1-3
Beloit Elkhorn Milwaukee REMOVE

SHEET 14 OF 14

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET 104 E

FILE NAME : N:\PDS\C3D\CAD\33250101\SIGN\023201_PS.DWG
LAYOUT NAME - 023214_PS
PLOT DATE : 12/15/2016 6:37 AM PLOT BY : DODGE, BRIAN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

INSTALLED 2,000' PRIOR TO INTERSECTION
FMS 1

INSTALL OVER COVERED SIGN
COVER
R3-2
24"X24"

COVER
BEGIN LEFT TURN LANE

COVER
NORTH
67

TYPE 3 BARRICADE W/ R11-2L, 48"X30" SIGN ATTACHED

TRAFFIC CONTROL DRUM PLACED AT 20' INTERVALS

MODIFY AS SHOWN
MO4-8
24"X12"
DETOUR
NORTH
67
MO6-1
21"X21"

Delavan
Williams Bay
Elkhorn
COVER

MODIFY AS SHOWN
MO4-8
24"X12"
DETOUR
SOUTH NORTH NORTH
67 50 67
MO6-1
21"X21"

INSTALLED 2,000' PRIOR TO INTERSECTION
FMS 1

INSTALLED 2,000' PRIOR TO INTERSECTION
FMS 1

COVER
NORTH EAST SOUTH
67 50 67

Lake Geneva
Elkhorn
Williams Bay
COVER

TRAFFIC CONTROL DRUM PLACED AT 20' INTERVALS

R3-1
24"X24"

MODIFY AS SHOWN
MO4-8
24"X12"
DETOUR
SOUTH NORTH NORTH
67 50 67
MO6-1
21"X21"

INSTALLED 2,000' PRIOR TO INTERSECTION
FMS 1

1340+65 1341+00 1342+00 1343+00 1344+00 1345+00 1346+00 1347+00 1348+00 1349+00 1350+00 1351+00 1352+00 1353+00 135

STH 50

STH 67

NOTE:

1. ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN PLANS.
2. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
3. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
4. ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED OR REMOVED AS NEEDED AND/OR AS DIRECTED BY THE ENGINEER. NO "WORKING" LIGHTS SHALL BE VISIBLE ON A COVERED OR LAID DOWN SIGN.
5. A FLAGGER WILL BE REQUIRED WHENEVER THE ROADWAY IS CLOSED TO A MINIMUM OF ONE 12-FT LANE. ROADWAY SHALL BE OPENED TO TWO LANES AT THE END OF EVERY DAY.
6. CONTRACTOR SHALL INSTALL PERMANENT SIGNS AND PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
7. ADEQUATE TURNING PROVISIONS SHALL BE MAINTAINED FOR ALL VEHICLES, INCLUDING TRUCKS AS DIRECTED BY THE ENGINEER.

SDD BARRICADES AND SIGNS FOR MAINLINE CLOSURE WITH POSTED DETOUR DETAIL B, AND DETAIL E

END ROAD WORK
G20-2A
48"X24"

ROAD WORK NEXT 3.4 MILES
G20-1
60"X24"

SDD BARRICADES AND SIGNS FOR MAINLINE CLOSURE WITH POSTED DETOUR DETAIL D

95+00 96+00 97+00 98+00 99+00 100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00

STH 67

STH 50

ROAD WORK AHEAD
W20-1A

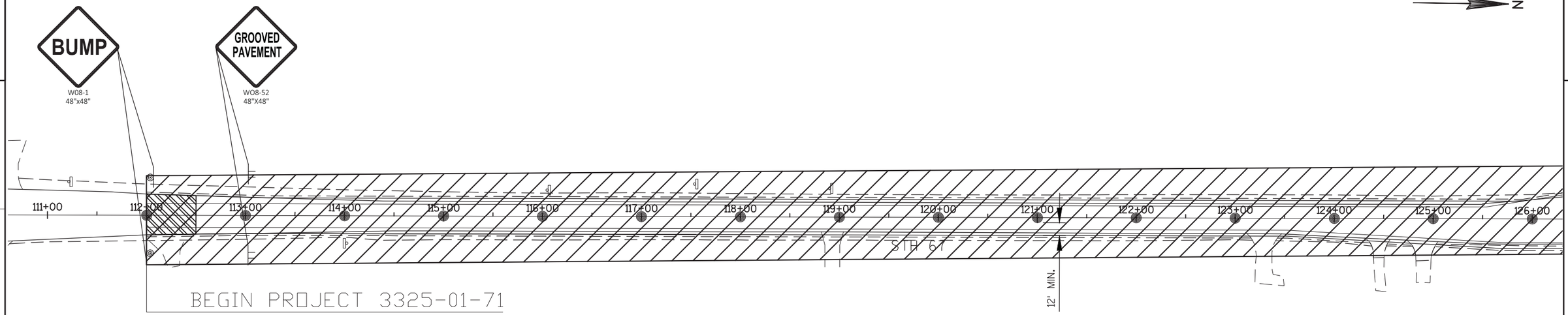
ROAD WORK 1000 FT
W20-1C

ROAD WORK 500 FT
W20-10

LEGEND

- TRAFFIC CONTROL SIGN, POST MOUNTED
- WORK ZONE
- TRAFFIC CONTROL BARRICADE TYPE III WITH TWO TRAFFIC CONTROL WARNING LIGHTS TYPE A WITH/WITHOUT SIGN
- TRAFFIC CONTROL DRUM WITH/WITHOUT
- COVERING SIGNS
- FMS — FIXED MESSAGE SIGN

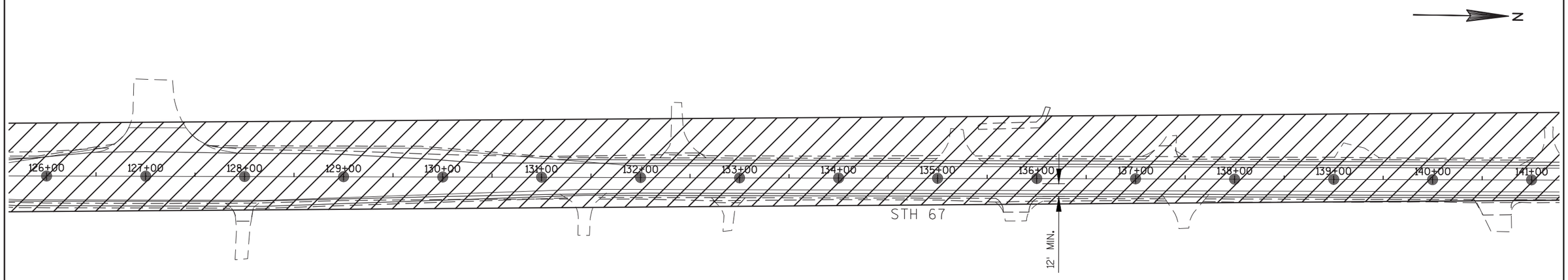
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL PLAN	SHEET 105	E



BEGIN PROJECT 3325-01-71
STA 112+00.00
Y= 340300.8319
X= 763227.1775

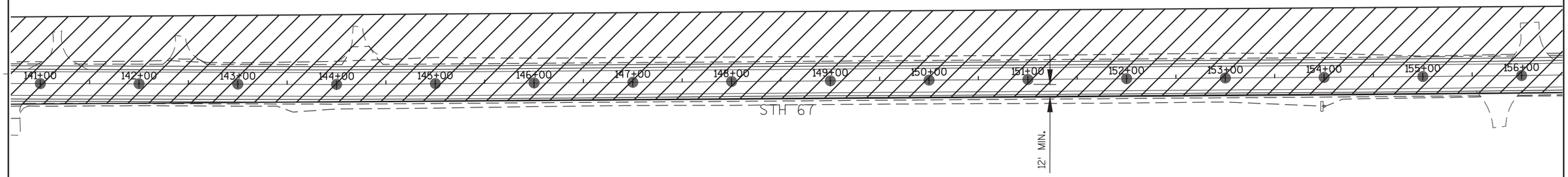
NOTE:

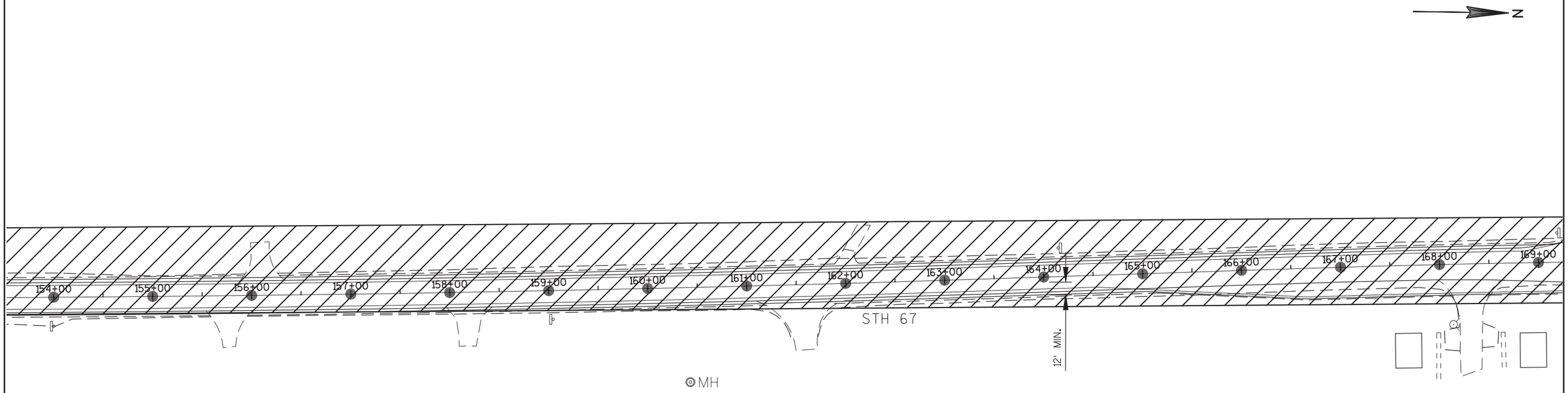
1. WHEN A MILLED SURFACE EXISTS IN THE LANE OF TRAVEL, INSTALL W08-52 SIGNS AT EACH INTERSECTION ALONG STH 67.
2. A FLAGGER WILL BE REQUIRED AT EACH END OF THE WORK ZONE WHENEVER THE ROADWAY IS CLOSED TO A MINIMUM OF ONE, 12-FT LANE. ROADWAY SHALL BE OPENED TO TWO LANES AT THE END OF EVERY DAY.
3. TYPE III BARRICADE LOCATIONS, AND DRUMS SHALL BE ADJUSTED BASED ON THE ACTIVE LANE.



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL PLAN	SHEET 106	E

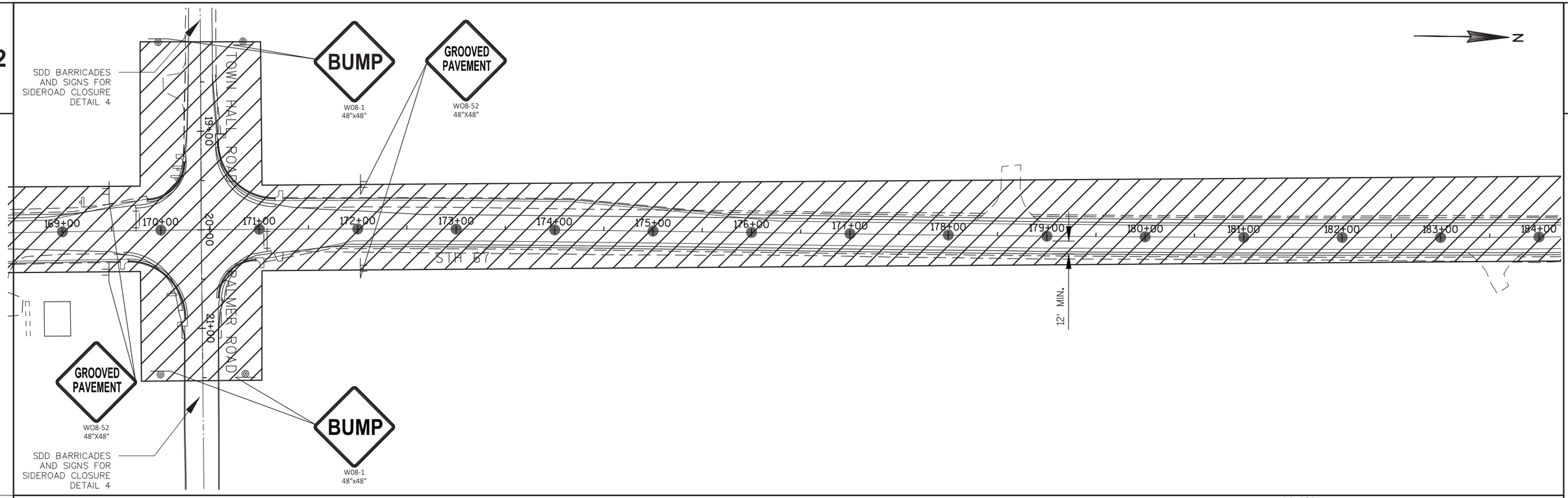
2

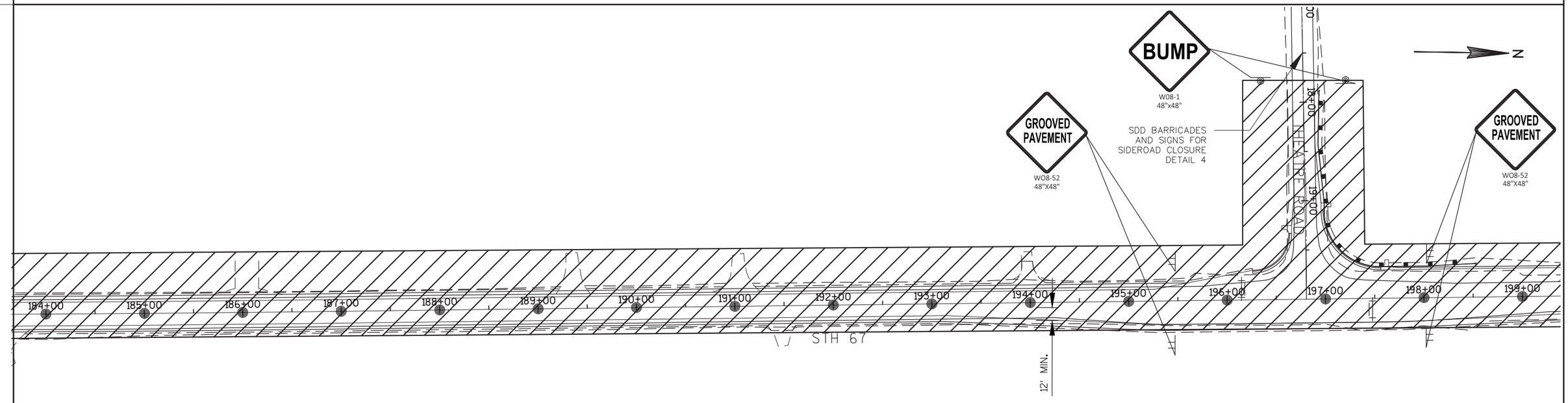




PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL PLAN	SHEET 107	E

FILE NAME: C:\ECNYTE\SHAPED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 TRAFFIC CONTROL PLAN.DWG PLOT DATE: 4/21/2017 8:46 AM PLOT BY: RYAN ERDMANN PLOT NAME: PLOT SCALE: 1" = 100'





PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL PLAN	SHEET 108	E

2

N

199+00 200+00 201+00 202+00 203+00 204+00 205+00 206+00 207+00 208+00 209+00 210+00 211+00 212+00 213+00 214+00

STH 67

12' MIN.

N

214+00 215+00 216+00 217+00 218+00 219+00 220+00 221+00 222+00 223+00 224+00 225+00 226+00 227+00 228+00 229+00

GROOVED PAVEMENT
W08-52
48"X48"

GROOVED PAVEMENT
W08-52
48"X48"

STH 67

12' MIN.

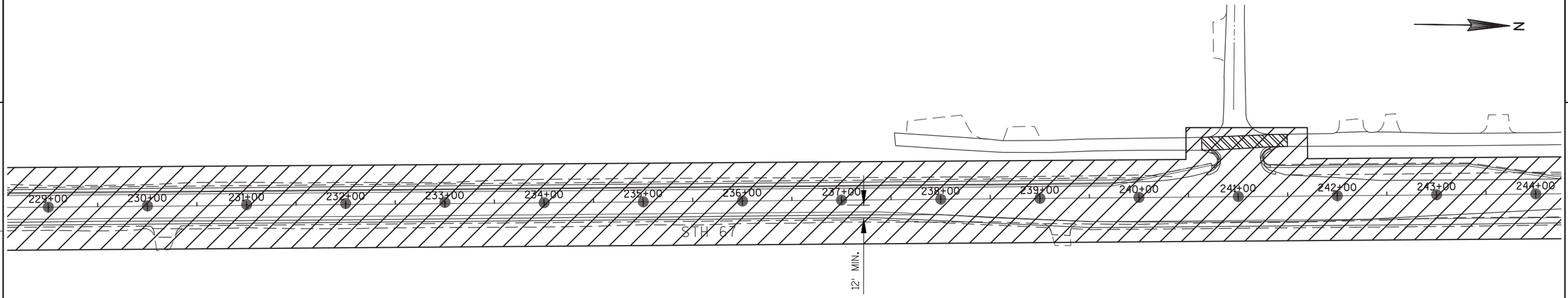
BUMP
W08-1
48"x48"

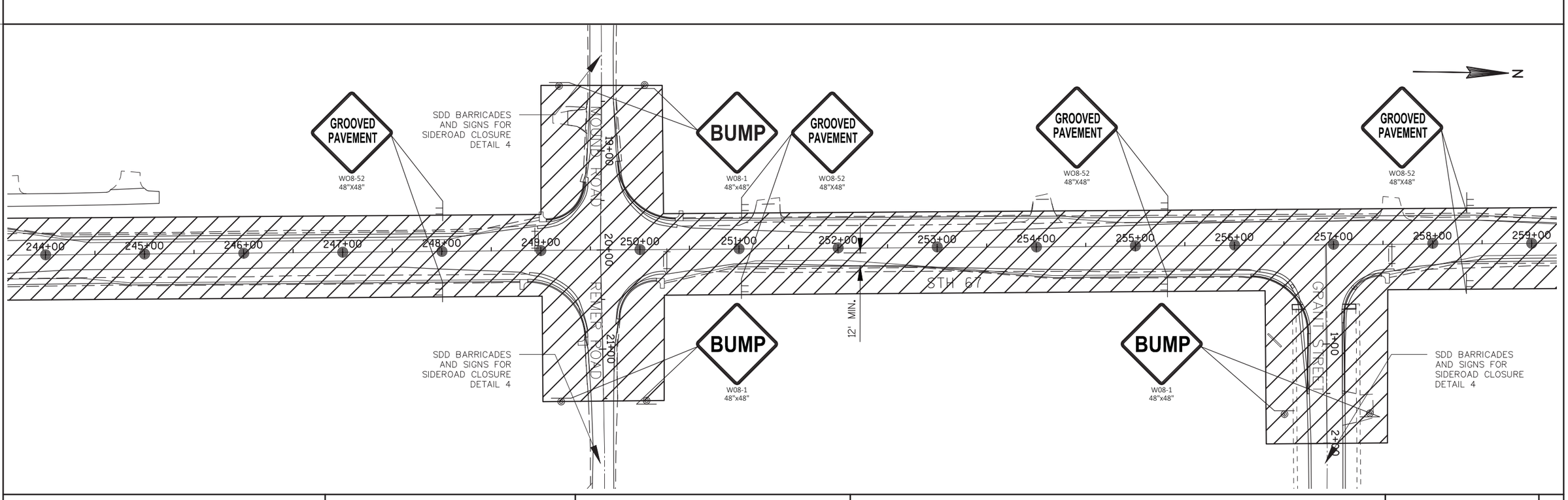
WILLOW BEND ROAD

SDD BARRICADES AND SIGNS FOR SIDEROAD CLOSURE DETAIL 4

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL PLAN	SHEET 109	E

2





PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL PLAN	SHEET 110	E

2

N

259+00 260+00 261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00 269+00 270+00 271+00 272+00 273+00 274+00

STH 67

12' MIN.

N

GROOVED PAVEMENT
W08-52
48"X48"

GROOVED PAVEMENT
W08-52
48"X48"

GROOVED PAVEMENT
W08-52
48"X48"

SDD BARRICADES AND SIGNS FOR SIDEROAD CLOSURE DETAIL 4

GROOVED PAVEMENT
W08-52
48"X48"

BUMP
W08-1
48"x48"

WEST O'CONNOR DRIVE

1+00

2+00

3+00

274+00 275+00 276+00 277+00 278+00 279+00 280+00 281+00 282+00 283+00 284+00 285+00 286+00 287+00 288+00 289+00

MORRISSEY DRIVE

1+00

STH 67

12' MIN.

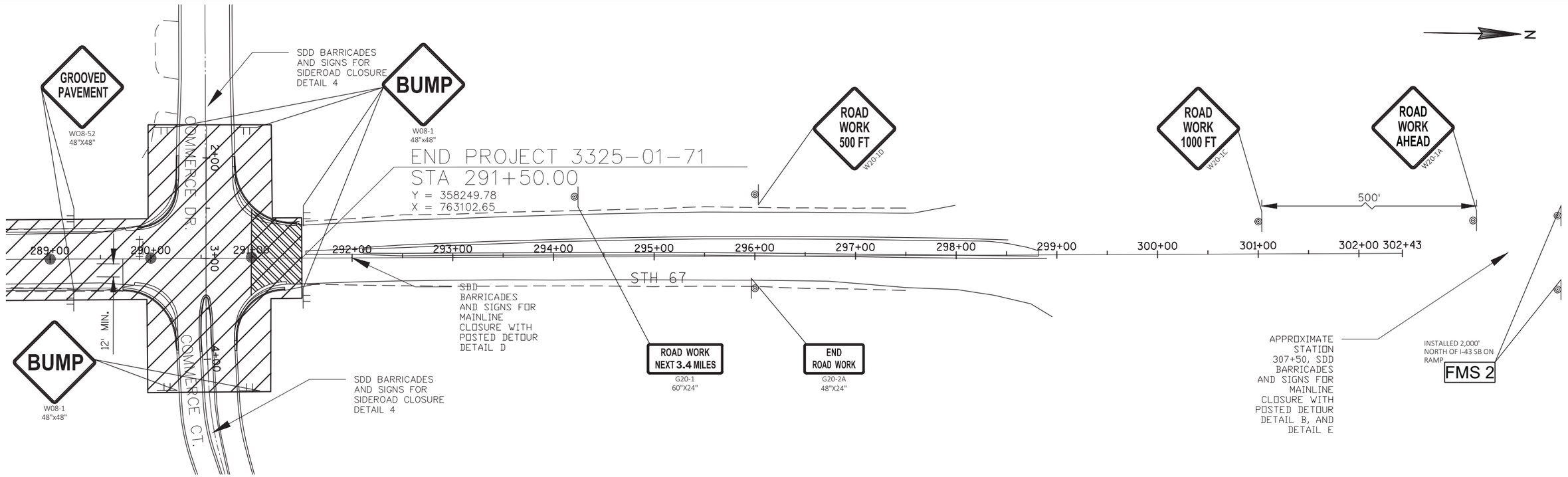
SDD BARRICADES AND SIGNS FOR SIDEROAD CLOSURE DETAIL 4

BUMP
W08-1
48"x48"

SDD BARRICADES AND SIGNS FOR SIDEROAD CLOSURE DETAIL 4

BUMP
W08-1
48"x48"

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL PLAN	SHEET 111	E


GROOVED PAVEMENT
W08-52
48"X48"
SDD BARRICADES AND SIGNS FOR SIDEROAD CLOSURE DETAIL 4
BUMP
W08-1
48"x48"
END PROJECT 3325-01-71
STA 291+50.00
Y = 358249.78
X = 763102.65
ROAD WORK 500 FT
W20-1D
ROAD WORK 1000 FT
W20-1C
ROAD WORK AHEAD
W20-1A
500'
N
COMMERCE DR.
COMMERCE CT.
289+00
290+00
291+00
292+00
293+00
294+00
295+00
296+00
297+00
298+00
299+00
300+00
301+00
302+00
302+43
STH 67
12' MIN.
SDD BARRICADES AND SIGNS FOR MAINLINE CLOSURE WITH POSTED DETOUR DETAIL D
ROAD WORK NEXT 3.4 MILES
G20-1
60"X24"
END ROAD WORK
G20-2A
48"X24"
BUMP
W08-1
48"x48"
SDD BARRICADES AND SIGNS FOR SIDEROAD CLOSURE DETAIL 4
APPROXIMATE STATION 307+50, SDD BARRICADES AND SIGNS FOR MAINLINE CLOSURE WITH POSTED DETOUR DETAIL B, AND DETAIL E
INSTALLED 2,000' NORTH OF I-43 SB ON RAMP
FMS 2

2

① M1-6 24"X24" 36"X36"

② M3-1 24"X12" 36"X18"

③ M3-3 24"X12" 36"X18"

④ MO5-1L 21"X21"

⑤ MO5-1R 21"X21"

⑥ MO6-1 21" x21"

⑦ M4-8A 24"X18"

⑧ MO6-1 21"X21"

⑨ G20-51 60"X24"

⑩ M4-8 24"X12" 36"X18"

⑪ MO6-2 30"X30"

⑫ MO5-2R 30"X30"

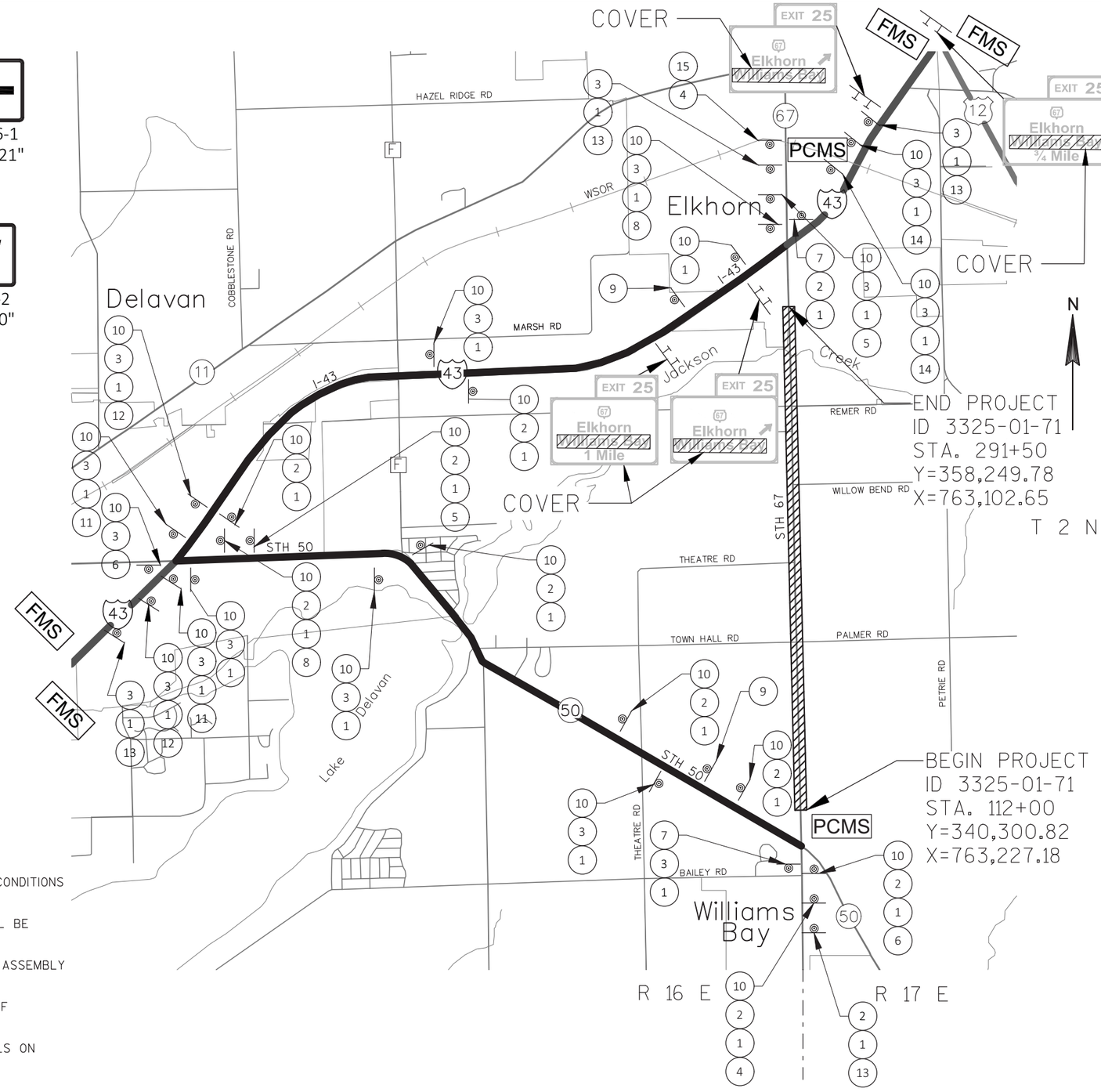
⑬ W20-2A

⑭ MO6-1 21" x21"

⑮ D9-2 24"X24"

LEGEND

- (X) PROPOSED SIGN
- WORK ZONE
- PROPOSED DETOUR
- PCMS — PORTABLE CHANGING MESSAGE SIGN
- COVERING SIGNS
- FMS — FIXED MESSAGE SIGN



GENERAL NOTES:

SEE SDD "DETOUR SIGNING FOR MAINLINE CLOSURES" FOR SIGN SPACING AND LOCATIONS.

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

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

ANY M3 SERIES SIGNS (NORTH, EAST, SOUTH, WEST) WHICH ARE PART OF ANY DETOUR ROUTE MARKER SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

PORTABLE CHANGING MESSAGE SIGNS TO BE PLACED TWO WEEKS PRIOR TO CONSTRUCTION. EXACT LOCATIONS OF PORTABLE CHANGING MESSAGE SIGNS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

ALL SIGNS INSTALLED ALONG I-43 SHALL BE POSTED ON THE LEFT AND RIGHT SIDE OF THE ROADWAY. SYMBOLS ON LEFT SIDE OF ROADWAY OMITTED FOR SAKE OF CLARITY.

USE SIZE 3 SIGNS ON I-43 AND SIZE 2 SIGNS ON HIGHWAYS AND RAMPS.

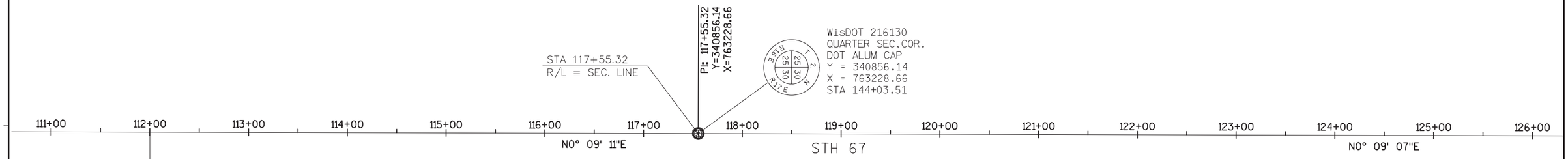
FOR "COVERING TYPE 1 SIGNS", USE A 10 FOOT LONG COVER PLAQUE.

NOTIFY WISDOT SIGNALS 5 WORKING DAYS PRIOR TO CLOSURE.

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	DETOUR PLAN	SHEET 113	E

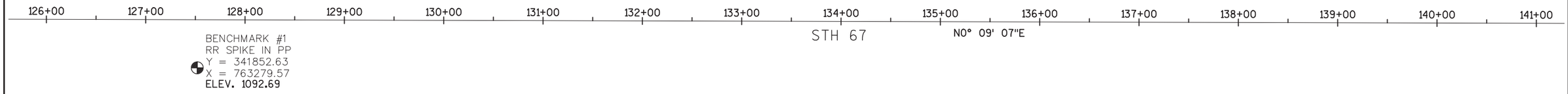
2

N



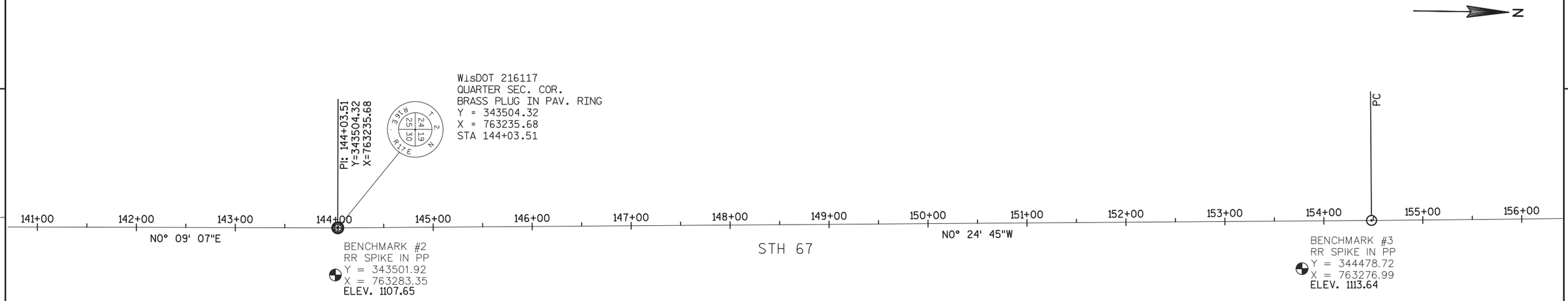
BEGIN PROJECT 3325-01-71
STA 112+00.00
Y = 340300.83
X = 763227.18

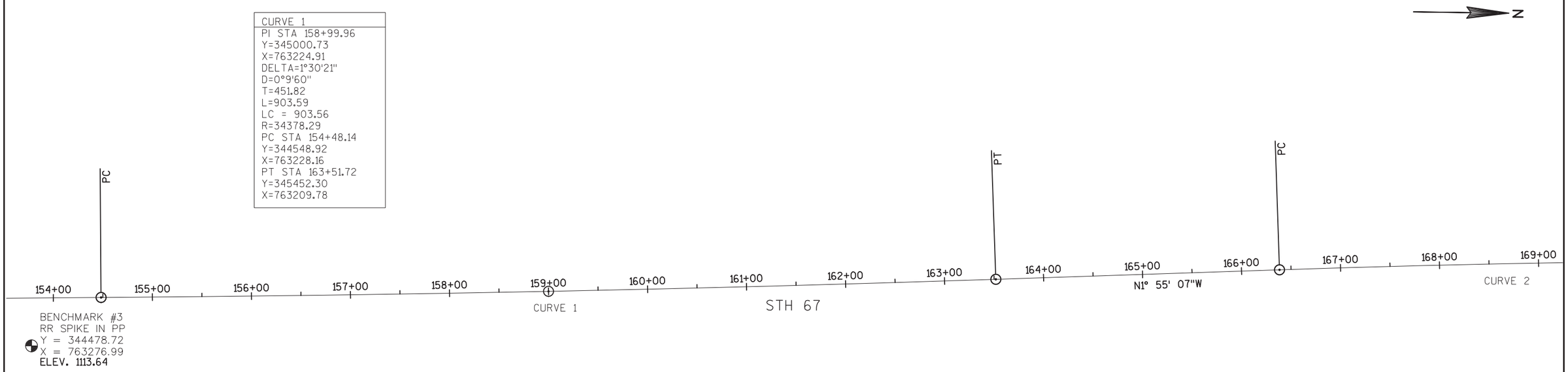
N



BENCHMARK #1
RR SPIKE IN PP
Y = 341852.63
X = 763279.57
ELEV. 1092.69

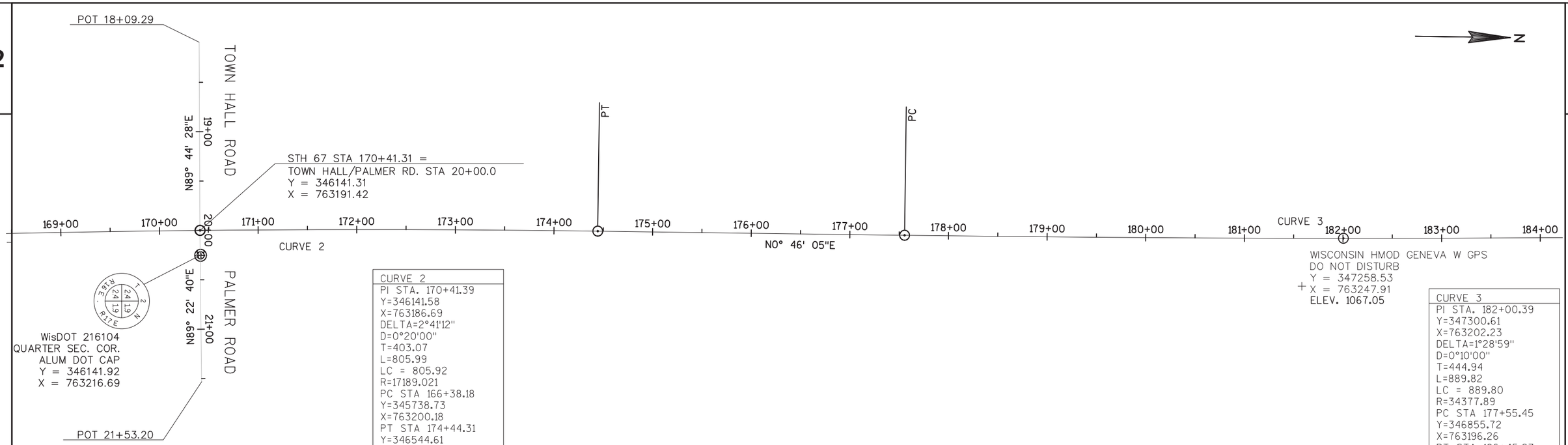
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 114	E

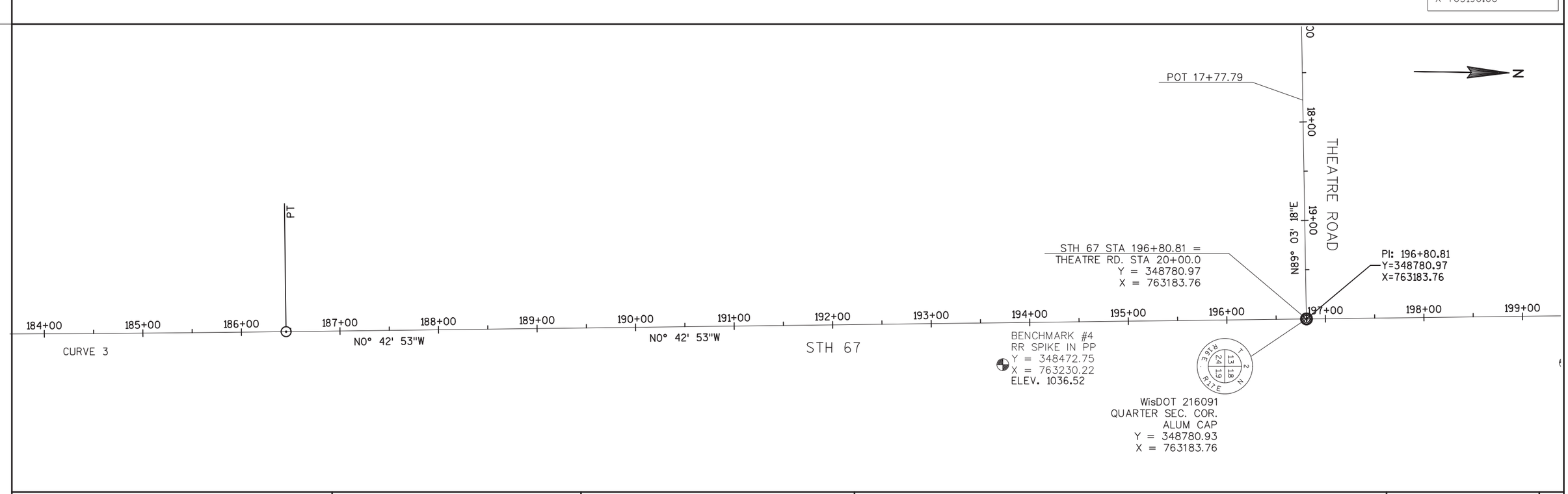




PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 115	E

2





PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 116	E

2

N

199+00 200+00 201+00 202+00 203+00 204+00 205+00 206+00 207+00 208+00 209+00 210+00 211+00 212+00 213+00 214+00

N0° 42' 07"W

STH 67

BENCHMARK #5
RR SPIKE IN PP
Y = 349043.56
X = 763228.19
ELEV. 1031.63

BENCHMARK #6
RR SPIKE IN PP
Y = 349943.92
X = 763218.64
ELEV. 1021.93

N

214+00 215+00 216+00 217+00 218+00 219+00 220+00 221+00 222+00 223+00 224+00 225+00 226+00 227+00 228+00 229+00

N0° 42' 07"W

STH 67

STH 67 STA 223+20.44 =
WILLOW BEND RD. STA 0+00.0
Y = 351420.40
X = 763151.42

PI: 223+20.44
Y=351420.40
X=763151.42

WisDOT 216078
QUARTER SEC.COR.
CONC. MON. W/ BRASS CAP
Y = 351420.40
X = 763151.44

CP#1
REBAR
ELEV. 1014.18

WILLOW BEND ROAD

N86° 34' 11"E

PI: 0+88.80
Y=351425.71
X=763240.07

0+00

N89° 54' 30"E

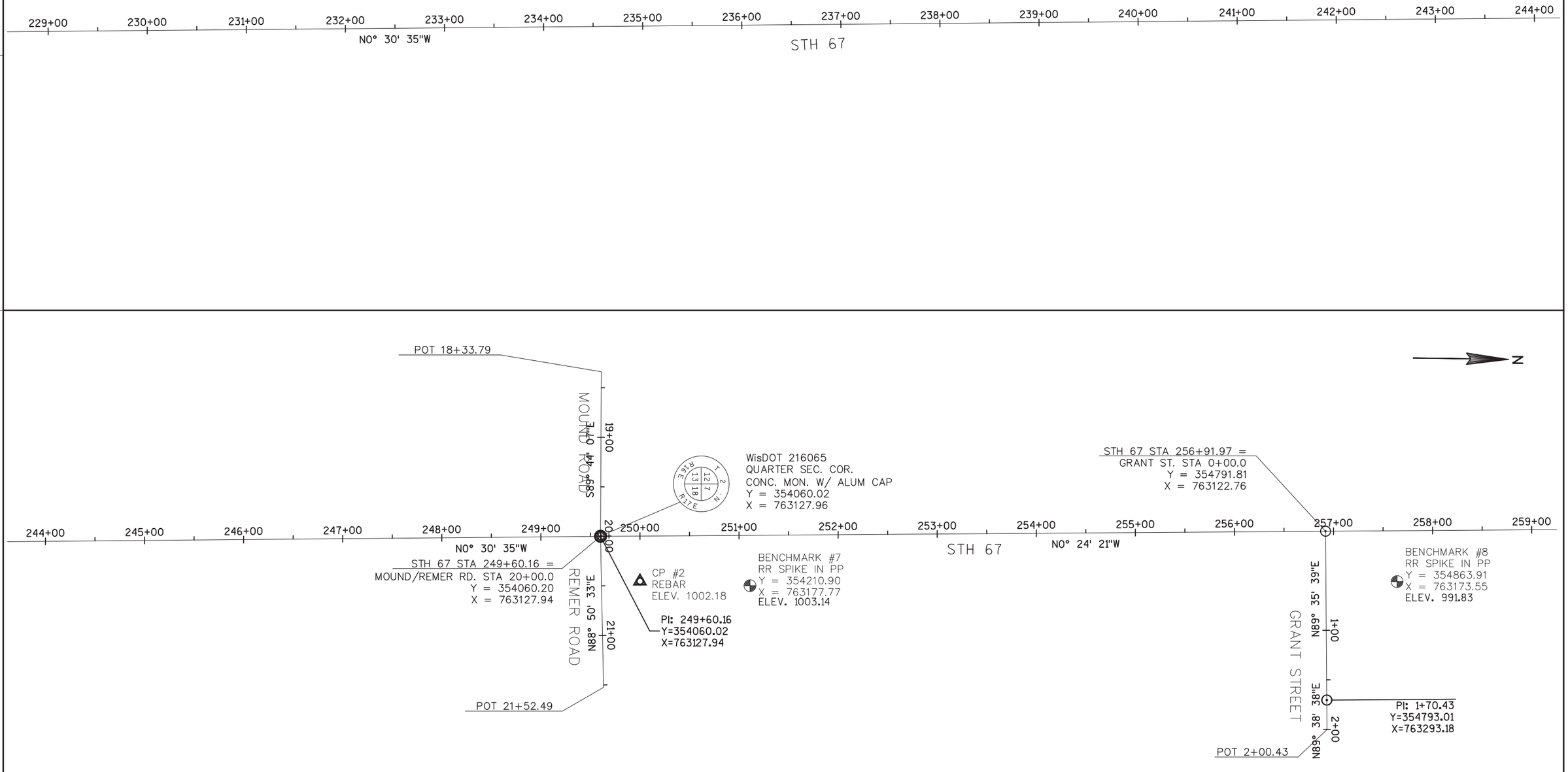
POT 2+58.82

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 117	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 ALIGNMENT PLAN.DWG PLOT DATE : 4/20/2017 12:57 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ---------- PLOT SCALE : 1" = 100'

WISDOT/CADDS SHEET 42

2



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 118	E

2

N

259+00 260+00 261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00 269+00 270+00 271+00 272+00 273+00 274+00

N0° 24' 21"W

STH 67

BENCHMARK #9
RR SPIKE IN PP
Y = 355784.17
X = 763139.66
ELEV. 962.23

N

WisDOT 216052
QUARTER SEC. COR.
CONC. MON. W/ALUM CAP
Y = 356699.06
X = 763109.27

PI: 275+99.26
Y=356699.05
X=763109.25

274+00 275+00 276+00 277+00 278+00 279+00 280+00 281+00 282+00 283+00 284+00 285+00 286+00 287+00 288+00 289+00

N0° 24' 21"W

N0° 14' 38"W

N0° 14' 38"W

STH 67

STH 67 STA 275+99.26=
MORRISSEY DR. STA 0+00.0
Y = 356699.05
X = 763109.25

N89° 33' 02"E
1+00

MORRISSEY DRIVE

POT 1+63.06

POT 0+91.74

WEST O'CONNOR DR.

N88° 49' 53"E
1+00
2+00

STH 67 STA 283+25.60 =
WEST O'CONNOR DR. STA 2+18.28
Y = 357425.38
X = 763106.16

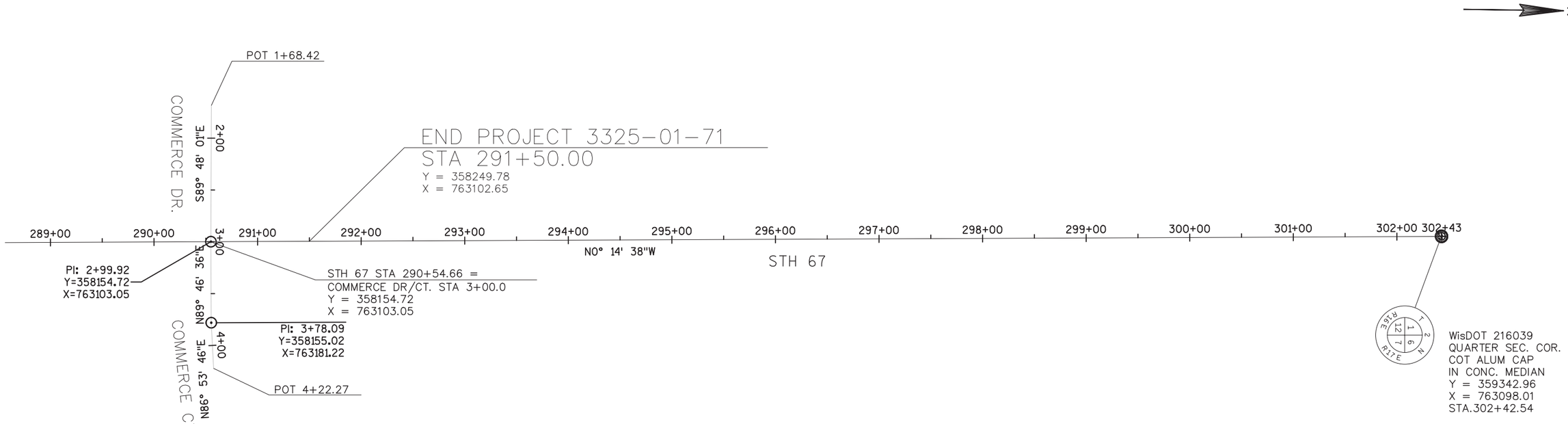
N87° 48' 09"E
2+00
3+00

PI: 2+18.28
Y=357425.38
X=763106.16

POT 3+42.68

PI
Y=
X=

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 119	E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 120	E

3325-01-71

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	22.000	22.000
0004	201.0205	Grubbing	STA	21.000	21.000
0006	203.0100	Removing Small Pipe Culverts	EACH	19.000	19.000
0008	204.0100	Removing Pavement	SY	40.000	40.000
0010	204.0110	Removing Asphaltic Surface	SY	1,685.000	1,685.000
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	550.000	550.000
0014	204.0120	Removing Asphaltic Surface Milling	SY	74,715.000	74,715.000
0016	204.0150	Removing Curb & Gutter	LF	3,536.000	3,536.000
0018	204.0155	Removing Concrete Sidewalk	SY	13.000	13.000
0020	204.0165	Removing Guardrail	LF	4,272.000	4,272.000
0022	204.0170	Removing Fence	LF	416.000	416.000
0024	204.0220	Removing Inlets	EACH	6.000	6.000
0026	204.0245	Removing Storm Sewer (size) 01. 12-INCH	LF	8.000	8.000
0028	204.0245	Removing Storm Sewer (size) 02. 24-INCH	LF	348.000	348.000
0030	204.9060.S	Removing (item description) 01. APRON ENDWALLS	EACH	47.000	47.000
0032	205.0100	Excavation Common	CY	9,530.000	9,530.000
0034	208.0100	Borrow	CY	2,179.000	2,179.000
0036	209.1500	Backfill Granular Grade 1	TON	113.000	113.000
0038	210.1500	Backfill Structure Type A	TON	300.000	300.000
0040	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	234.000	234.000
0042	213.0100	Finishing Roadway (project) 01. 3325-01-71	EACH	1.000	1.000
0044	305.0110	Base Aggregate Dense 3/4-Inch	TON	3,990.000	3,990.000
0046	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	13,643.000	13,643.000
0048	311.0110	Breaker Run	TON	300.000	300.000
0050	416.0160	Concrete Driveway 6-Inch	SY	40.000	40.000
0052	440.4410	Incentive IRI Ride	DOL	21,180.000	21,180.000
0054	455.0605	Tack Coat	GAL	12,476.000	12,476.000
0056	460.2000	Incentive Density HMA Pavement	DOL	18,320.000	18,320.000
0058	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	35,858.000	35,858.000
0060	460.6223	HMA Pavement 3 MT 58-28 S	TON	17,775.000	17,775.000
0062	460.6424	HMA Pavement 4 MT 58-28 H	TON	11,130.000	11,130.000
0064	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	262.000	262.000
0066	465.0315	Asphaltic Flumes	SY	207.000	207.000
0068	465.0400	Asphaltic Shoulder Rumble Strips	LF	21,770.000	21,770.000
0070	465.0475	Asphalt Center Line Rumble Strips 2-Lane Rural	LF	12,687.000	12,687.000
0072	502.3210	Pigmented Surface Sealer	SY	85.000	85.000
0074	509.0301	Preparation Decks Type 1	SY	17.000	17.000
0076	509.0302	Preparation Decks Type 2	SY	9.000	9.000
0078	509.0500	Cleaning Decks	SY	409.000	409.000
0080	509.1500	Concrete Surface Repair	SF	85.000	85.000

Line	Item	Item Description	Unit	Total	Qty
0082	509.3500.S	HMA Overlay Polymer-Modified	TON	90.000	90.000
0084	509.9010.S	Removing Asphaltic Concrete Deck Overlay (structure) 01. B-64-004	SY	409.000	409.000
0086	520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	26.000	26.000
0088	520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH	8.000	8.000
0090	520.3318	Culvert Pipe Class III-A 18-Inch	LF	733.000	733.000
0092	520.3324	Culvert Pipe Class III-A 24-Inch	LF	100.000	100.000
0094	520.8000	Concrete Collars for Pipe	EACH	7.000	7.000
0096	522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	35.000	35.000
0098	522.0524	Culvert Pipe Reinforced Concrete Class V 24-Inch	LF	175.000	175.000
0100	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	5.000	5.000
0102	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	7.000	7.000
0104	522.1060	Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	EACH	1.000	1.000
0106	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	354.000	354.000
0108	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	1,925.000	1,925.000
0110	602.0405	Concrete Sidewalk 4-Inch	SF	120.000	120.000
0112	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	20.000	20.000
0114	606.0100	Riprap Light	CY	143.000	143.000
0116	606.0500	Grouted Riprap Light	CY	100.000	100.000
0118	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	30.000	30.000
0120	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	139.000	139.000
0122	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	167.000	167.000
0124	608.0360	Storm Sewer Pipe Reinforced Concrete Class III 60-Inch	LF	36.000	36.000
0126	611.0530	Manhole Covers Type J	EACH	2.000	2.000
0128	611.0600	Inlet Covers Type A	EACH	2.000	2.000
0130	611.0624	Inlet Covers Type H	EACH	1.000	1.000
0132	611.0639	Inlet Covers Type H-S	EACH	3.000	3.000
0134	611.2005	Manholes 5-FT Diameter	EACH	1.000	1.000
0136	611.3004	Inlets 4-FT Diameter	EACH	2.000	2.000
0138	611.3220	Inlets 2x2-FT	EACH	2.000	2.000
0140	611.3230	Inlets 2x3-FT	EACH	2.000	2.000
0142	611.8110	Adjusting Manhole Covers	EACH	7.000	7.000
0144	611.8115	Adjusting Inlet Covers	EACH	2.000	2.000
0146	614.0396	Guardrail Mow Strip Asphalt	SY	533.000	533.000

Line	Item	Item Description	Unit	Total	Qty
0148	614.2300	MGS Guardrail 3	LF	250.000	250.000
0150	614.2330	MGS Guardrail 3 K	LF	812.500	812.500
0152	614.2500	MGS Thrie Beam Transition	LF	156.000	156.000
0154	614.2610	MGS Guardrail Terminal EAT	EACH	6.000	6.000
0156	616.0204	Fence Chain Link 4-FT	LF	241.000	241.000
0158	618.0100	Maintenance And Repair of Haul Roads (project) 3325-01-71	EACH	1.000	1.000
0160	619.1000	Mobilization	EACH	1.000	1.000
0162	620.0300	Concrete Median Sloped Nose	SF	94.000	94.000
0164	624.0100	Water	MGAL	353.000	353.000
0166	625.0100	Topsoil	SY	45,458.000	45,458.000
0168	627.0200	Mulching	SY	19,124.000	19,124.000
0170	628.1504	Silt Fence	LF	3,467.000	3,467.000
0172	628.1520	Silt Fence Maintenance	LF	9,142.000	9,142.000
0174	628.1905	Mobilizations Erosion Control	EACH	9.000	9.000
0176	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000
0178	628.2004	Erosion Mat Class I Type B	SY	7,483.000	7,483.000
0180	628.2008	Erosion Mat Urban Class I Type B	SY	20,589.000	20,589.000
0182	628.7005	Inlet Protection Type A	EACH	6.000	6.000
0184	628.7015	Inlet Protection Type C	EACH	12.000	12.000
0186	628.7504	Temporary Ditch Checks	LF	1,316.000	1,316.000
0188	628.7515.S	Stone or Rock Ditch Checks	CY	6.000	6.000
0190	628.7555	Culvert Pipe Checks	EACH	78.000	78.000
0192	628.7560	Tracking Pads	EACH	2.000	2.000
0194	628.7570	Rock Bags	EACH	60.000	60.000
0196	629.0210	Fertilizer Type B	CWT	28.000	28.000
0198	630.0130	Seeding Mixture No. 30	LB	900.000	900.000
0200	630.0200	Seeding Temporary	LB	2,455.000	2,455.000
0202	633.5200	Markers Culvert End	EACH	29.000	29.000
0204	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	118.000	118.000
0206	637.2210	Signs Type II Reflective H	SF	660.245	660.245
0208	637.2215	Signs Type II Reflective H Folding	SF	44.760	44.760
0210	637.2230	Signs Type II Reflective F	SF	204.250	204.250
0212	638.2102	Moving Signs Type II	EACH	9.000	9.000
0214	638.2602	Removing Signs Type II	EACH	86.000	86.000
0216	638.3000	Removing Small Sign Supports	EACH	91.000	91.000
0218	642.5001	Field Office Type B	EACH	1.000	1.000
0220	643.0100	Traffic Control (project) 01. 3325-01-71	EACH	1.000	1.000
0222	643.0300	Traffic Control Drums	DAY	125,164.000	125,164.000
0224	643.0420	Traffic Control Barricades Type III	DAY	9,130.000	9,130.000

Line	Item	Item Description	Unit	Total	Qty
0226	643.0705	Traffic Control Warning Lights Type A	DAY	17,098.000	17,098.000
0228	643.0900	Traffic Control Signs	DAY	14,886.000	14,886.000
0230	643.0910	Traffic Control Covering Signs Type I	EACH	4.000	4.000
0232	643.0920	Traffic Control Covering Signs Type II	EACH	21.000	21.000
0234	643.1000	Traffic Control Signs Fixed Message	SF	432.000	432.000
0236	643.1050	Traffic Control Signs PCMS	DAY	28.000	28.000
0238	643.2000	Traffic Control Detour (project) 01. 3325-01-71	EACH	1.000	1.000
0240	643.3000	Traffic Control Detour Signs	DAY	16,268.000	16,268.000
0242	645.0130	Geotextile Type R	SY	852.000	852.000
0244	646.0106	Pavement Marking Epoxy 4-Inch	LF	22,598.000	22,598.000
0246	646.0844.S	Pavement Marking Grooved Contrast Wet Reflective Epoxy 8-Inch	LF	2,900.000	2,900.000
0248	646.2304.S	Pavement Marking Grooved Wet Reflective Epoxy 4-Inch	LF	41,601.000	41,601.000
0250	646.2308.S	Pavement Marking Grooved Wet Reflective Epoxy 8-Inch	LF	1,219.000	1,219.000
0252	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	19.000	19.000
0254	647.0356	Pavement Marking Words Epoxy	EACH	10.000	10.000
0256	647.0456	Pavement Marking Curb Epoxy	LF	460.000	460.000
0258	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	384.000	384.000
0260	648.0100	Locating No-Passing Zones	MI	3.400	3.400
0262	650.4000	Construction Staking Storm Sewer	EACH	259.000	259.000
0264	650.4500	Construction Staking Subgrade	LF	8,270.000	8,270.000
0266	650.5000	Construction Staking Base	LF	8,270.000	8,270.000
0268	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	2,813.000	2,813.000
0270	650.6000	Construction Staking Pipe Culverts	EACH	20.000	20.000
0272	650.8000	Construction Staking Resurfacing Reference	LF	17,950.000	17,950.000
0274	650.9910	Construction Staking Supplemental Control (project) 01. 3325-01-71	LS	1.000	1.000
0276	650.9920	Construction Staking Slope Stakes	LF	10,150.000	10,150.000
0278	690.0150	Sawing Asphalt	LF	1,718.000	1,718.000
0280	690.0250	Sawing Concrete	LF	51.000	51.000
0282	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,300.000	2,300.000
0284	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	1,350.000	1,350.000
0286	SPV.0035	Special 01. CONCRETE MASONRY DECK PATCHING	CY	3.000	3.000
0288	SPV.0060	Special 01. ADJUSTING HYDRANT	EACH	1.000	1.000
0290	SPV.0060	Special 02. MANHOLES 9-FT DIAMETER	EACH	1.000	1.000
0292	SPV.0060	Special 03. Thrie Beam Attachment	EACH	4.000	4.000
0294	SPV.0060	Special 04. Section Corner Monuments	EACH	7.000	7.000
0296	SPV.0060	Special 05. Utility Line Opening (ULO)	EACH	1.000	1.000
0298	SPV.0090	Special 01. CONCRETE CURB & GUTTER 24-INCH	LF	534.000	534.000

Line	Item	Item Description	Unit	Total	Qty
		TYPE D			
0300	SPV.0090	Special 02. PIPE ARCH CORRUGATED STEEL 30X48-INCH	LF	8.000	8.000
0302	SPV.0090	Special 03. DOUBLE POST SILT FENCE	LF	5,675.000	5,675.000
0304	SPV.0090	Special 04. Bridge Joint Rout and Seal	LF	94.000	94.000
0306	SPV.0090	Special 05. Sawing Pavement Deck Preparation Areas	LF	170.000	170.000

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CLEARING AND GRUBBING

STATION	to	STATION	LOCATION	CLEARING 201.0105 STA	GRUBBING 201.0205 STA
146+00	-	147+50	STH 67	2	2
166+50	-	170+00	STH 67	4	4
197+50	-	199+00	STH 67	2	2
17+90	-	20+00	*THEATER RD	3	2
239+40	-	240+60	STH 67	2	2
243+90	-	244+50	STH 67	2	2
247+25	-	248+10	STH 67	2	2
255+00	-	255+50	STH 67	2	2
261+50	-	262+50	STH 67	3	3
			TOTAL	**22**	**21**

* NO GRUBBING TO BE COMPLETED ON RT SIDE OF THEATRE RD

REMOVING CULVERTS

STATION	LOCATION	REMOVING SMALL PIPE CULVERTS 203.0100 EACH	REMOVING 01. APRON ENDWALLS 204.9060.S EACH
124+46	STH 67, RT	1	2
124+91	STH 67, RT	1	2
127+12	STH 67, LT	1	2
127+98	STH 67, RT	1	2
147+00	STH 67 LR & RT	-	2
167+78	STH 67 LR & RT	-	2
168+31	STH 67, RT	1	2
20+43.9	PALMER RD	1	2
172+00	STH 67, LT	-	1
194+01	STH 67, LT	1	2
197+75	STH 67, LT & RT	-	2
201+05	STH 67, LT	1	2
202+79	STH 67, LT	1	2
203+62	STH 67, LT	1	2
204+96	STH 67, LT	1	2
222+59	STH 67, LT & RT	-	2
0+50	WILLOW BEND RD	1	2
249+02	STH 67	1	2
18+68	MOUND RD, LT	1	2
251+29	STH 67, LT	1	2
254+07	STH 67, LT	1	2
256+55	STH 67, RT	-	-
257+20	STH 67, RT	-	-
257+59	STH 67, LT	1	2
272+50	STH 67, RT	1	2
1+06	MORRISSEY DR, LT & RT	-	-
2+59	OCONNER DR, LT & RT	1	2
3+61	COMMERCE DR, LT & RT	-	-
	TOTAL	**19**	**47**

REMOVING ASPHALTIC SURFACE

STATION	to	STATION	LOCATION	REMOVING ASPHALTIC SURFACE 204.0110 SY	BUTT JOINTS 204.0115 SY	MILLING 204.0120 SY
112+00	-	112+50	STH 67	-	200	-
18+09	-	18+39	TOWN HALL RD	-	-	-
21+53	-	21+83	PALMER RD	-	-	-
17+78	-	18+08	THEATRE RD	-	-	-
1+70	-	2+00	WILLOW BEND RD	-	-	-
			HICKORY COURT	-	-	-
18+34	-	18+64	MOUND RD	-	-	-
21+53	-	21+83	REMER RD	-	-	-
1+70	-	2+00	GRANT ST	-	-	-
1+33	-	1+63	MORRISSEY DR	-	-	-
0+92	-	1+22	OCONNER DR (WEST)	-	-	-
3+12	-	3+42	OCONNER DR (EAST)	-	-	-
1+68	-	1+98	E. COMMERCE CT	-	-	-
3+92	-	4+22	COMMERCE DR	-	-	-
291+50	-	292+00	STH 67	-	350	-
112+50	-	266+97	STH 67	-	-	60,459
267+80	-	291+50	STH 67	-	-	14,256
118+82		119+04	STH 67 RT	22		
123+12	-	123+47	STH 67 RT	32	-	-
126+48	-	127+92	STH 67 LT	236	-	-
131+19	-	131+65	STH 67 RT	35	-	-
134+93	-	135+50	STH 67 LT	54	-	-
137+27	-	137+74	STH 67 RT	49	-	-
140+88	-	141+48	STH 67 LT	52	-	-
155+54	-	156+00	STH 67 RT	48	-	-
155+88	-	156+34	STH 67 LT	47	-	-
157+97	-	158+43	STH 67 RT	45	-	-
161+09	-	162+07	STH 67 RT	92	-	-
167+98	-	168+66	STH 67 RT	168	-	-
178+28	-	178+93	STH 67 LT	68	-	-
183+28	-	183+84	STH 67 RT	54	-	-
189+19	-	189+53	STH 67 LT	36	-	-
190+78	-	191+26	STH 67 LT	43	-	-
199+36	-	199+81	STH 67 LT	84	-	-
200+84	-	201+89	STH 67 LT	102	-	-
202+50	-	203+11	STH 67 LT	90	-	-
203+32	-	203+89	STH 67 LT	91	-	-
216+42	-	217+01	STH 67 LT	35	-	-
227+82	-	228+63	STH 67 LT	83	-	-
257+42	-	257+79	STH 67 LT	55	-	-
260+48	-	261+20	STH 67 RT	63	-	-
			TOTAL	**1,685**	**550**	**74,715**

CONCRETE REMOVAL

STATION	to	STATION	LOCATION	REMOVING PAVEMENT 204.0100 SY	REMOVING CURB AND GUTTER 204.0150 LF	REMOVING CONCRETE SIDEWALK 204.0155 SY
169+62	-	170+21	STH 67, RT	-	87	-
169+75	-	170+26	STH 67, LT	-	77	-
170+56	-	171+17	STH 67, LT	-	90	-
170+61	-	171+12	STH 67, RT	-	75	-
222+50	-	223+10	STH 67, RT	-	90	-
223+42	-	223+94	STH 67, RT	-	75	-
240+69	-	240+82	STH 67, LT	-	30	-
241+23	-	241+38	STH 67, LT	-	35	-
248+97	-	249+49	STH 67, LT	-	76	-
248+88	-	249+47	STH 67, RT	-	87	-
249+78	-	250+38	STH 67, LT	-	90	-
249+75	-	250+26	STH 67, RT	-	75	-
0+24	-	2+00	GRANT ST, RT	-	547	-
0+27	-	2+00	GRANT ST, LT	-	552	-
0+23	-	1+63	MORRISSEY DR, RT	-	170	-
0+25	-	1+63	MORRISSEY DR, LT	-	165	-
0+39	-	0+85	MORRISSEY DR, MEDIAN	-	102	-
282+43	-	282+94	STH 67, LT	-	98	-
282+47	-	283+01	STH 67, RT	-	102	-
283+57	-	283+97	STH 67, RT	-	84	-
283+50	-	283+93	STH 67, LT	-	93	-
1+82	-	1+22	O'CONNER MEDIAN, LT	-	125	-
2+53	-	3+12	O'CONNER MEDIAN, RT	-	124	-
289+75	-	290+28	STH 67, LT	-	99	-
289+84	-	290+27	STH 67, RT	-	91	-
290+81	-	291+25	STH 67, LT	-	87	-
290+83	-	291+35	STH 67, RT	-	93	-
3+36	-	3+92	COMMERCE DR MEDIAN	-	117	-
0+60	-	0+65	GRANT STREET, RT	-	-	9
0+60	-	0+65	GRANT STREET, LT	-	-	5
1+50	-	1+85	GRANT STREET, LT	40	-	-
			TOTAL	**40**	**3536**	**13**

REMOVING GUARDRAIL

STATION	to	STATION	LOCATION	204.0165 LF
144+66	-	154+96	STH 67, LT	1,045
143+56	-	153+97	STH 67, RT	1,056
17+02	-	19+76	THEATRE RD, RT	377
18+01	-	19+75	THEATRE RD, LT	373
197+40	-	198+42	STH 67, RT	102
263+03	-	266+99	STH 67, LT	403
267+93	-	270+35	STH 67, LT	249
263+01	-	266+83	STH 67, RT	389
267+77	-	270+48	STH 67, RT	278
			TOTAL	**4,272**

REMOVING FENCE

STATION	to	STATION	LOCATION	204.0170 LF
166+60	-	168+10	STH 67, RT	150
168+51	-	169+39	STH 67, RT	266
			TOTAL	**416**

REMOVING INLETS

STATION	LOCATION	204.0220 EACH
256+58	STH 67, RT	1
257+22	STH 67, RT	1
1+05	MORRISSEY RD, RT	1
1+05	MORRISSEY RD, LT	1
290+24	STH 67, RT	1
290+86	STH 67, RT	1
	TOTAL	**6**

REMOVING STORM SEWER

STATION	LOCATION	REMOVING STORM SEWER 12 INCH 204.0245 LF	REMOVING STORM SEWER 24 INCH 204.0245 LF
254+07	STH 67, LT	-	-
256+55	STH 67, RT	-	87
257+00	STH 67, RT	-	123
257+59	STH 67, LT	-	-
268+00	STH 67, LT	8	-
272+50	STH 67, RT	-	-
1+06	MORRISSEY DR, LT & RT	-	16
2+59	OCONNER DR, LT & RT	-	-
3+61	COMMERCE DR, LT & RT	-	122
	TOTAL	**8**	**348**

BACKFILL GRANULAR GRADE 1

STATION	LOCATION	BACKFILL GRANULAR GRADE 1 209.1500 TON
126+59-127+64	STH 67, LT	21
127+82-128+13	STH 67, RT	6
168+05-168+57	STH 67, RT	15
200+90-201+20	STH 67, LT	6
249+01-249+03	STH 67, LT AND RT	46
251+13-251+44	STH 67, LT	3
253+91-254+22	STH 67, LT	9
257+44-257+72	STH 67, LT	7
	TOTAL	**113**

PREPARE FOUNDATION FOR ASPHALTIC SHOULDER

STATION	to	STATION	LOCATION	211.0400 STA
112+00	-	125+53	STH 67, LT	14
112+00	-	123+53	STH 67, RT	12
130+50	-	143+50	STH 67, RT	13
131+16	-	145+00	STH 67, LT	14
154+00	-	165+50	STH 67, RT	13
155+00	-	164+50	STH 67, LT	10
167+00	-	169+00	STH 67, LT	2
171+50	-	194+00	STH 67, RT	23
176+00	-	195+50	STH 67, LT	20
199+61	-	219+50	STH 67, RT	21
202+00	-	219+50	STH 67, LT	18
224+00	-	238+00	STH 67, RT	14
226+50	-	240+00	STH 67, LT	14
244+00	-	249+00	STH 67, LT	5
250+50	-	254+06	STH 67, RT	5
257+59	-	262+00	STH 67, RT	5
260+00	-	262+00	STH 67, LT	2
270+70	-	273+00	STH 67, RT	3
270+70	-	273+50	STH 67, LT	4
276+61	-	280+50	STH 67, RT	5
278+50	-	284+10	STH 67, LT	7
283+97	-	290+00	STH 67, RT	7
284+10	-	290+00	STH 67, LT	6
			TOTAL	**234**

BASE AGGREGATE DENSE

STATION	to	STATION	LOCATION	3/4-INCH 305.0110 TON	1 1/4-INCH 305.0120 TON	BREAKER RUN 311.0110 TON	WATER 624.0100 TON	REMARKS
112+00	-	123+53	STH 67, LT & RT	251	-	-	5	
123+53	-	132+83	STH 67, LT & RT	168	1,522	-	34	
132+83	-	193+14	STH 67, LT & RT	1,152	5,196	-	127	
193+14	-	202+57	STH 67, LT & RT	187	1,850	-	41	
202+57	-	217+50	STH 67, LT & RT	292	-	-	6	
217+50	-	226+88	STH 67, LT & RT	170	1,830	-	40	
226+88		237+36	STH 67, LT & RT	205	-	-	4	
237+36	-	250+16	STH 67, LT & RT	221	2,174	-	48	
250+16	-	260+60	STH 67, LT & RT	188	-	-	4	
260+60		262+56	STH 67, LT & RT	83	-	-	2	
262+56	-	266+97	STH 67, LT & RT	164	-	-	3	
267+18	-	276+59	STH 67, LT & RT	232	-	-	5	
276+59	-	291+50	STH 67, LT & RT	238	-	-	5	
18+09	-	19+75	TOWN HALL RD	14	37	-	1	1 1/4-INCH FOR C&G BASE
20+25	-	21+53	PALMER RD	11	37	-	1	1 1/4-INCH FOR C&G BASE
16+87	-	19+03	THEATRE RD, LT	46	-	-	1	1 1/4-INCH FOR C&G BASE
19+03	-	19+64	THEATRE RD, LT	15	22	-	1	1 1/4-INCH FOR C&G BASE
17+78	-	19+75	THEATRE RD, RT	26	15	-	1	1 1/4-INCH FOR C&G BASE
0+69	-	1+70	WILLOW BEND RD	16	37	-	1	1 1/4-INCH FOR C&G BASE
			HICKORY CT	-	12	-	0	1 1/4-INCH FOR C&G BASE
18+33	-	19+24	MOUND RD	16	37	-	1	1 1/4-INCH FOR C&G BASE
20+70	-	21+53	REMER RD	13	37	-	1	1 1/4-INCH FOR C&G BASE
0+25	-	1+00	GRANT ST	-	95	-	2	1 1/4-INCH FOR C&G BASE
0+25	-	1+00	MORRISSEY DR	-	80	-	2	1 1/4-INCH FOR C&G BASE
1+25	-	3+10	OCONNER DR	-	87	-	2	1 1/4-INCH FOR C&G BASE
2+00	-	3+75	COMMERCE CT/DR	-	90		2	1 1/4-INCH FOR C&G BASE
DRIVEWAYS			STH 67, LT & RT	282	485	-	15	
UNDISTRIBUTED			STH 67	-	-	300	-	
			TOTAL	**3,990**	**13,643**	**300**	**353**	

ASPHALT PAVEMENT SUMMARY

STATION	to	STATION	LOCATION	TACK COAT 455.0605 GAL	REHEATING HMA PAVEMENT LONGITUDINAL JOINTS 460.4110.S LF	HMA PAVEMENT 3 MT 58-28 S 460.6223 TON	HMA PAVEMENT 4 MT 58-28 H 460.6424 TON	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES 465.0120 TON
112+00	-	123+53	STH 67, LT & RT	638	2,306	871	558	-
123+53	-	132+83	STH 67, LT & RT	690	1,860	961	591	-
132+83	-	193+14	STH 67, LT & RT	3561	12,062	4,960	3,052	-
193+14	-	202+57	STH 67, LT & RT	729	1,886	1,016	625	-
202+57	-	217+50	STH 67, LT & RT	836	2,986	1,164	717	-
217+50	-	226+88	STH 67, LT & RT	710	1,876	990	609	-
226+88		237+36	STH 67, LT & RT	587	2,096	817	503	-
237+36	-	250+16	STH 67, LT & RT	1037	2,560	1,444	888	-
250+16	-	260+60	STH 67, LT & RT	849	2,088	1,183	728	-
260+60		262+56	STH 67, LT & RT	110	392	153	94	-
262+56	-	266+97	STH 67, LT & RT	297	882	413	254	-
267+18	-	276+59	STH 67, LT & RT	650	1,882	905	557	-
276+59	-	291+50	STH 67, LT & RT	1307	2,982	1,790	1,140	-
18+09	-	19+73	TOWN HALL RD	39	-	66	66	-
20+27	-	21+53	PALMER RD	38	-	65	65	-
17+78	-	19+72	THEATRE RD	48	-	82	82	-
0+29	-	1+70	WILLOW BEND RD	39	-	67	67	-
			HICKORY CT	7	-	11	11	-
18+34	-	19+70	MOUND RD	34	-	59	59	-
20+29	-	21+53	REMER RD	35	-	98	60	-
0+28	-	2+01	GRANT ST	52	-	145	89	-
0+28	-	1+63	MORRISSEY DR	44	-	124	76	-
0+92	-	1+91	O'CONNER DR (WEST)	33	-	91	56	-
2+45	-	3+43	O'CONNER DR (EAST)	34	-	94	58	-
1+68	-	2+71	E. COMMERCE CT	39	-	109	67	-
3+25	-	4+22	COMMERCE CT	34	-	96	59	-
DRIVEWAYS			STH 67, LT & RT		-	-	-	262
UNDISTRIBUTED			STH 67		-	-	-	-
			TOTAL	12476	35858	17775	11130	262

EARTHWORK SUMMARY

Division	From/To Station	Location	Common Excavation (1) (item # 205.0100) Cut (2)	EBS Excavation (3)	Unusable Pavement Material (4)	Available Material (5)	Unexpanded Fill	Expanded Fill (6) Factor 1.25	Mass Ordinate +/- (7)	Waste	Borrow (item #208.0100)	Comment:
1	112+00-291+35	Mainline	9309	0	0	9309	7026	8782	527		527	
	16+50-19+00	Theatre Road	2	0	0	2	835	1044	-1042		1042	
	18+00-22+00	Town Hall/Palmer	31	0	0	31	235	294	-263		263	
	00+00-01-50	Willow Bend Dr.	0	0	0	0	239	299	-299		299	
	18+34-21+52	Mound/Remer Rd	19	0	0	19	10	12	7		7	
	00+00-02-00	Grant St.	1	0	0	1	28	35	-35		35	
	00+00-01+63	Morrissey Dr.	6	0	0	6	11	14	-8		8	
	00+92-03+43	O'Conner Dr.	5	0	0	5	1	2	3	3		
	01+68-04+22	Commerce Ct.	8	0	0	8	3	4	4	4		
	UNDISTRIBUTED		0	150	0	0	0	0	0	0		
Division 1 Subtotal			9380	150	0	9380	8388	10485	-1105	6	2179	
Grand Total			9380	150	0	9380	8388	10485	-1105	6	2179	
			Total Common Exc	9530								

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) EBS Excavation to be backfilled with BREAKER RUN.
4) Salvaged/Unsuable Pavement Material
5) Available Material = Cut - Salvaged/Unsuable Pavement Material
6) Expanded Fill. Factor = 1.25
7) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

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ASPHALTIC FLUMES

STATION	LOCATION	465.0315 SY
169+58	STH 67, RT	21
171+04	STH 67, RT	13
171+22	STH 67, LT	9
19+06	TOWN HALL RD, LT	21
19+25	TOWN HALL RD, RT	6
20+92	TOWN HALL RD, RT	12
19+06	THEATRE RD, LT	12
19+26	THEATRE RD, RT	12
197+58	STH 67, LT	12
222+47	STH 67, RT	8
223+77	STH 67, RT	13
249+33	STH 67, LT	11
19+30	MOUND RD, RT	15
250+18	STH 67, RT	13
250+39	STH 67, LT	11
257+50	STH 67, RT	8
275+16	STH 67, RT	11
	TOTAL	**207**

ASPHALTIC RUMBLE STRIPS

STATION		STATION	LOCATION	ASPHALTIC SHOULDER RUMBLE STRIPS 465.0400 LF	ASPHALTIC CENTER LINE RUMBLE STRIP 2-LANE RURAL 465.0475 LF
112+00	-	118+61	STH 67, RT	660	-
119+26	-	122+96	STH 67, RT	371	-
123+62	-	124+15	STH 67, RT	53	-
125+23	-	127+66	STH 67, RT	243	-
128+32	-	131+12	STH 67, RT	280	-
131+75	-	132+59	STH 67, RT	84	-
133+19.91	-	135+42	STH 67, RT	222	-
136+17	-	137+14	STH 67, RT	97	-
137+84	-	140+26	STH 67, RT	241	-
141+05	-	155+44	STH 67, RT	1,440	-
156+09	-	157+84	STH 67, RT	174	-
158+53	-	161+17	STH 67, RT	264	-
161+99	-	167+94	STH 67, RT	595	-
172+49	-	183+16	STH 67, RT	1,067	-
183+96	-	191+16	STH 67, RT	720	-
191+80	-	205+30	STH 67, RT	1,397	-
205+99	-	210+16	STH 67, RT	417	-
210+79	-	218+37	STH 67, RT	758	-
225+30	-	229+82	STH 67, RT	453	-
230+53	-	238+87	STH 67, RT	834	-
239+55	-	247+60	STH 67, RT	804	-
251+66	-	252+16	STH 67, RT	50	-
258+98	-	160+45	STH 67, RT	147	-
261+20	-	266+72	STH 67, RT	553	-
268+05	-	270+37	STH 67, RT	232	-
112+00	-	125+03	STH 67, LT	1,303	-
132+74	-	134+81	STH 67, LT	207	-
135+59	-	136+06	STH 67, LT	138	-
137+65	-	140+83	STH 67, LT	317	-
141+53	-	142+09	STH 67, LT	56	-
			SUB-TOTAL	14,177	0

ASPHALTIC RUMBLE STRIPS (continued)

STATION		STATION	LOCATION	ASPHALTIC SHOULDER RUMBLE STRIPS 465.0400 LF	ASPHALTIC CENTER LINE RUMBLE STRIP 2-LANE RURAL 465.0475 LF
142+77	-	143+90	STH 67, LT	112	-
144+58	-	155+72	STH 67, LT	114	-
156+48	-	161+68	STH 67, LT	520	-
162+35	-	168+37	STH 67, LT	602	-
176+03	-	178+23	STH 67, LT	219	-
179+01	-	184+92	STH 67, LT	591	-
186+66	-	189+00	STH 67, LT	233	-
189+71	-	190+69	STH 67, LT	99	-
191+40	-	193+67	STH 67, LT	226	-
205+36	-	209+41	STH 67, LT	405	-
210+11	-	216+34	STH 67, LT	623	-
217+09	-	227+71	STH 67, LT	1,062	-
228+68	-	239+24	STH 67, LT	1,055	-
244+83	-	247+57	STH 67, LT	274	-
254+87	-	257+24	STH 67, LT	237	-
257+95	-	266+72	STH 67, LT	878	-
268+05	-	271+46	STH 67, LT	341	-
112+00	-	126+12	STH 67	-	1,412
128+12	-	164+50	STH 67	-	3,638
176+29	-	194+81	STH 67	-	1,852
198+81	-	221+20	STH 67	-	2,240
225+20	-	239+04	STH 67	-	1,383
243+04	-	247+60	STH 67	-	457
251+60	-	254+92	STH 67	-	332
258+92	-	266+72	STH 67	-	780
268+05	-	273+99	STH 67	-	594
			SUB-TOTAL	7,592	12,687
			TOTAL	**21,770**	**12,687**

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CULVERT ITEMS

STATION	LOCATION	CULVERT PIPE: CLASS III-A 18-INCH 520.3318 LF	CULVERT PIPE: CLASS III-A 24-INCH 520.3324 LF	CULVERT PIPE: REINFORCED CONCRETE CLASS III 18-INCH 522.0118 LF	CULVERT PIPE: REINFORCED CONCRETE CLASS V 24-INCH 522.0524 LF	CULVERT PIPE: PIPE ARCH CORRUGATED STEEL 30X48-INCH SPV.0090.02 LF	APRON ENDWALLS FOR CULVERT PIPE: 18-INCH 520.1018 EACH	APRON ENDWALLS FOR CULVERT PIPE: 24-INCH 520.1024 EACH	APRON ENDWALLS FOR CULVERT PIPE: *REINFORCED CONCRETE 18-INCH 522.1018 EACH	APRON ENDWALLS FOR CULVERT PIPE: *REINFORCED CONCRETE 24-INCH 522.1024 EACH	*MARKERS CULVERT END 633.5200 EACH
124+69.3	STH 67, RT	75	-	-	-	-	2	-	-	-	-
127+13.5	STH 67, LT	97	-	-	-	-	2	-	-	-	-
127+95.6	STH 67, RT	-	-	35	-	-	-	-	2	-	-
134+68	STH 67, LT&RT	-	-	-	-	-	-	-	-	-	2
147+00	STH 67, LT&RT	-	22	-	-	-	-	2	-	-	2
167+78	STH 67, LT&RT	-	25	-	-	-	-	1	-	-	-
169+75	STH 67, RT	113	-	-	-	-	2	-	-	-	-
172+00	STH 67, LT	-	9	-	-	-	-	1	-	-	2
180+92	STH 67, LT&RT	-	-	-	-	-	-	-	-	-	2
194+01	STH 67, LT	37	-	-	-	-	2	-	-	-	
198+00	STH 67, RT	-	-	-	-	8	-	-	-	-	-
201+04	STH 67, LT	44	-	-	-	-	2	-	-	-	-
202+79	STH 67, LT	39	-	-	-	-	2	-	-	-	-
203+62	STH 67, LT	35	-	-	-	-	2	-	-	-	-
204+99	STH 67, LT	40	-	-	-	-	2	-	-	-	-
210+03	STH 67, LT&RT	-	-	-	-	-	-	-	-	-	2
214+42	STH 67, LT&RT	-	-	-	-	-	-	-	-	-	2
222+59	STH 67, LT	-	11	-	-	-	-	1	-	-	1
222+60	STH 67, RT	-	6	-	-	-	-	1	-	-	1
227+84	STH 67, LT&RT	-	-	-	-	-	-	-	-	-	2
237+45	STH 67, LT&RT	-	-	-	-	-	-	-	-	-	2
249+05	STH 67, LT&RT	105	-	-	-	-	2	-	-	-	2
18+68	MOUND RD, RT	-	27	-	-	-	-	2	-	-	-
251+29	STH 67, LT	36	-	-	-	-	2	-	-	-	-
254+07	STH 67, LT	37	-	-	-	-	2	-	-	-	-
257+59	STH 67, LT	33	-	-	-	-	2	-	-	-	-
267+86	STH 67, RT	-	-	-	-	-	-	-	-	-	1
270+75	STH 67, RT	42	-	-	-	-	2	-	-	-	-
283+25	STH 67, RT	-	-	-	175	-	-	-	-	2	-
	TOTAL	**733**	**100**	**35**	**175**	**8**	**26**	**8**	**2**	**2**	**21**

MINIMUM STEEL THICKNESS = 0.064 INCHES
MINIMUM ALUMINUM THICKNESS =0.060 INCHES, 0.075 INCHES, FOR 18-INCH AND 24-INCH RESPECTIVELY
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

CONCRETE SIDEWALK

STATION	to	STATION	LOCATION	CONCRETE DRIVEWAY 6 INCH 416.0160 SY	CONCRETE SIDEWALK 4-INCH 602.0405 SF	CURB DETECTABLE WARNING FIELD NATURAL PATINA 602.0515 SF
0+60	-	0+65	GRANT STREET, RT	-	77	10
0+60	-	0+65	GRANT STREET, LT	-	43	10
1+50	-	1+85	GRANT STREET, LT	40	-	-
			TOTAL	**40**	**120**	**20**

CONCRETE CURB AND GUTTER

STATION	to	STATION	LOCATION	24-INCH TYPE D SPV.0090.01 LF	30-INCH TYPE D 601.0411 LF	4-INCH SLOPED 36-INCH TYPE D 601.0553 LF	CONCRETE MEDIAN SLOPED NOSE 620.0300 SF
169+86	-	170+24	STH 67, LT	-	-	60	-
170+58	-	171+16	STH 67, LT	-	-	92	-
169+63	-	170+21	STH 67, RT	-	-	91	-
170+61	-	170+98	STH 67, RT	-	-	61	-
196+26	-	196+63	STH 67, LT	-	-	60	-
196+98	-	197+56	STH 67, LT	-	-	92	-
222+49	-	223+07	STH 67, RT	-	-	92	-
223+42	-	223+79	STH 67, RT	-	-	60	-
240+73	-	240+73	STH 67, LT	-	-	22	-
241+32	-	241+32	STH 67, LT	-	-	26	-
248+83	-	249+44	STH 67, RT	-	-	90	-
249+78	-	250+36	STH 67, RT	-	-	60	-
249+05	-	249+44	STH 67, LT	-	-	60	-
249+78	-	250+16	STH 67, LT	-	-	91	-
256+15	-	256+75	STH 67, RT	-	-	101	-
257+09	-	257+47	STH 67, RT	-	-	70	-
275+18	-	275+76	STH 67, RT	-	-	101	-
276+21	-	276+60	STH 67, RT	-	-	70	-
282+40	-	282+99	STH 67, RT	-	-	94	-
283+58	-	283+96	STH 67, RT	89	-	-	-
282+54	-	282+93	STH 67, LT	8	-	85	-
283+52	-	284+10	STH 67, LT	-	-	96	-
289+87	-	290+26	STH 67, LT	-	24	69	-
290+83	-	291+44	STH 67, LT	-	-	103	-
289+67	-	290+26	STH 67, RT	-	-	90	-
290+84	-	291+21	STH 67, RT	-	-	89	-
0+79	-	2+01	GRANT ST, LT&RT	-	223	-	-
0+42	-	1+51	MORRISSEY DR.	86	107	-	32
1+21	-	1+79	OCONNER DR.	122	-	-	17
2+54	-	3+12	OCONNER DR.	118	-	-	25
3+39	-	3+92	COMMERCE DR.	111	-	-	20
			TOTAL	**534**	**354**	**1,925**	**94**

NOTE:ALL TRANSITIONS TO BE PAID UNDER THE 4-INCH SLOPED 36-INCH TYPE D ITEM.

RIPRAP

STATION	LOCATION	RIPRAP LIGHT 606.0100 CY	*GEOTEXTILE FABRIC TYPE R 645.0130 SY
164+68 - 167+80	STH 67, RT	92	347
17+32 - 18+58	THEATRE RD, LT	37	140
147+01	STH 67, LT	2	8
168+06	STH 67, LT	2	8
172+00	STH 67, LT	2	8
222+59	STH 67, LT	2	8
249+20	STH 67, LT	2	8
257+58	STH 67, LT	2	8
268+00	STH 67, LT	1	7
	TOTAL	**143**	**542**

* ADDITIONAL QUANTITY SHOWN IN STRUCTURAL PLANS

STORM SEWER

STATION	LOCATION	CONCRETE COLLARS FOR PIPE 520.8000 EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH 608.0312 LF	CLASS III 18-INCH 608.0318 LF	CLASS III 24-INCH 608.0324 LF	CLASS III 60-INCH 608.0360 LF	APRON ENDWALLS FOR CULVERT PIPE *REINFORCED CONCRETE 18-INCH 522.1018 EACH	*REINFORCED CONCRETE 24-INCH 522.1024 EACH	REINFORCED CONCRETE 60-INCH 522.1060 EACH	*MARKERS CULVERT END 633.5200 EACH
167+66	STH 67, RT	-	-	-	13	-	-	1	-	1
167+94	STH 67, RT	-	-	17	-	-	1	-	-	1
197+48	STH 67, LT	1	-	-	-	20	-	-	1	1
197+53	STH 67, LT	-	-	-	-	8	-	-	-	-
197+87	STH 67, RT	-	-	-	13	-	-	1	-	1
198+00	STH 67, RT	1	-	-	-	8	-	-	-	-
198+17	STH 67, RT	-	-	-	18	-	-	1	-	1
256+36	STH 67, RT	-	-	-	15	-	-	1	-	1
257+00	STH 67, RT	-	-	-	68	-	-	-	-	-
257+58	STH 67, RT	-	-	-	40	-	-	1	-	1
268+00	STH 67, LT	1	14	-	-	-	-	-	-	1
1+05	MORRISSEY DR, LT	1	8	-	-	-	-	-	-	-
1+06	MORRISSEY DR, RT	1	8	-	-	-	-	-	-	-
3+61	COMMERCE DR, RT	1	-	87	-	-	2	-	-	-
3+62	COMMERCE DR, LT	1	-	35	-	-	-	-	-	-
	TOTAL	**7**	**30**	**139**	**167**	**36**	**3**	**5**	**1**	**8**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN

ADJUSTING MANHOLE COVERS

STATION	LOCATION	ADJUSTING MANHOLE COVERS 611.8110 EACH	ADJUSTING INLET COVERS 611.8115 EACH
261+84	STH 67, RT	-	1
268+00	STH 67, LT	-	1
0+79	GRANT ST, LT	1	-
0+60	MORRISSEY DR, RT	1	-
0+94	MORRISSEY DR, LT	1	-
1+06	MORRISSEY DR, RT	1	-
1+66	OCONNER DR, RT	1	-
2+84	OCONNER DR, RT	1	-
3+15	OCONNER DR, LT	1	-
	TOTAL	**7**	**2**

STORM SEWER - STRUCTURES

STRUCTURE NUMBER	STATION	LOCATION	RIM ELEVATION	MANHOLE COVERS TYPE J 611.0530 EACH	INLET COVERS TYPE A 611.0600 EACH	INLET COVERS TYPE H 611.0624 EACH	INLET COVERS TYPE HS 611.0639 EACH	MANHOLES 5-FT DIAMETER 611.2005 EACH	MANHOLES 9-FT DIAMETER SPV.0060.02 EACH	INLETS 4-FT DIAMETER 611.3004 EACH	INLETS 2X2-FT 611.3220 EACH	INLETS 2X3-FT 611.3230 EACH	STRUCTURE DEPTH	PIPE INVERT ELEVATION	DISCHARGE ELEVATION
MH#1	167+78.3	STH 67, 44.2' RT	1096.00	1	-	-	-	1	-	-	-	-	4.15	1090.75	1090.6
MH#2	197+99.4	STH 67, 46.8 RT	1028.50	1	-	-	-	-	1	-	-	-	6.6	1023.85	1020.65
INLET#1	256+51.5	STH 67, 39.9' RT	992.50	-	-	-	1	-	-	1	-	-	2.85	989	988.65
INLET#2	257+20.1	STH 67, 43.6' RT	992.08	-	-	-	1	-	-	1	-	-	3.83	987.6	987.25
INLET#3	1+06.1	MORRISSEY DR, 23.3' RT	958.50	-	1	-	-	-	-	-	1	-	1.85	955.65	955.65
INLET#4	1+05.2	MORRISSEY DR, 23.4' LT	958.50	-	1	-	-	-	-	-	1	-	1.66	955.84	955.84
INLET#5	290+20.5	STH 67, 61.5' RT	959.53	-	-	-	1	-	-	-	-	1	1.99	956.54	956.54
INLET#6	290+83.8	STH 67, 62.2' RT	959.37	-	-	1	-	-	-	-	-	1	1.99	956.38	956.38
		TOTAL		**2**	**2**	**1**	**3**	**1**	**1**	**2**	**2**	**2**			

NOTES:
1. STATION AND OFFSET OF MANHOLE STRUCTURES ARE MEASURED FROM CENTER OF STRUCTURE
2. STATION AND OFFSET OF INLET STURCTURES ARE MEASURED TO FLANGE OF INLET.
3. ALL RIM ELEVATIONS ARE MEASURED TO THE FLANGE OF THE INLET.
4. STRUCTURE DEPTH (MANHOLE) = RIM ELEVATION - INVERT LOWEST PIPE - 6 INCHES (ADJUSTMENT RINGS) - 9 INCH (CASTING HEIGHT)
5. STRUCTURE DEPTH (INLET) = RIM ELEVATION - INVERT LOWEST PIPE - 6 INCHES (ADJUSTMENT RINGS) - 6 INCH (CASTING HEIGHT)

GUARDRAIL MOW STRIP

STATION	to	STATION	LOCATION	GUARDRAIL MOW STRIP ASPHALT 614.0396 SY
196+96	-	198+52	STH 67, LT	120
262+53	-	269+79	STH 67, LT	220
262	-	269+30	STH 67, RT	193
			TOTAL	533

3

MGS Guardrail

STATION	to	STATION	LOCATION	3 614.2300 LF	3K 614.2330 LF	THRIE BEAM TRANSITION 614.2500 LF	TERMINAL EAT 614.2610 EACH	Remarks
262+53	-	263+10	STH 67, LT	-	-	-	1	
262+97	-	263+50	STH 67, RT	-	-	-	1	
263+10	-	266+60	STH 67, LT	-	350	-	-	
263+50	-	266+50	STH 67, RT	-	300	-	-	
266+60	-	266+99	STH 67, LT	-	-	39	-	
266+50	-	266+89	STH 67, RT	-	-	39	-	
267+77	-	268+14	STH 67, RT	-	-	39	-	
267+88	-	268+27	STH 67, LT	-	-	39	-	
268+14	-	268+77	STH 67, RT	-	62.5	-	-	
268+27	-	269+27	STH 67, LT	-	100	-	-	
268+77	-	269+30	STH 67, RT	-	-	-	1	
269+27	-	269+80	STH 67, LT	-	-	-	1	
17+92	-	198+52	to STH 67, LT	250	-	-	2	58' RADIUS AT THE FACE OF CURB
			TOTAL	**250**	**812.5**	**156**	**6**	

FENCE

STATION	to	STATION	LOCATION	CHAIN LINK 4-FT 616.0204 LF
166+57	-	168+11	STH 67, RT	153
168+51	-	169+39	STH 67, LT	88
			TOTAL	**241**

3

EROSION CONTROL

STATION	to	STATION	LOCATION	TOPSOIL 625.0100 SY	MULCHING 627.0200 SY	SILT FENCE 628.1504 LF	DOUBLE POST SILT FENCE SPV.0090.03 LF	SILT FENCE MAINTENANCE 628.1520 LF	MOBILIZATIONS EROSION CONTROL 628.1905 EACH	MOBILIZATIONS EMERGENCY EROSION CONTROL 628.1910 EACH	EROSION MAT CLASS I TYPE B 628.2004 SY	EROSION MAT URBAN CLASS I TYPE B 628.2008 SY	INLET PROTECTION TYPE A 628.7005 EACH	INLET PROTECTION TYPE C 628.7015 EACH	TEMPORARY DITCH CHECKS 628.7504 LF	STONE OR ROCK DITCH CHECKS 628.7515.S CY	CULVERT PIPE CHECKS 628.7555 EACH	TRACKING PADS 628.7560 EACH	ROCK BAGS 628.7570 EACH	FERTILIZER TYPE B 629.0210 CWT	SEEDING MIXTURE NO. 30 630.0130 LB	SEEDING TEMPORARY 630.0200 LB
112+00	-	141+00	STH 67	2,304	2,304	143	-	143	-	-	-	-	-	-	-	-	14	1	-	1	41	62
141+00	-	169+00	STH 67	13,427	929	1661	1937	3598	-	-	-	12,498	1	-	242	-	7	-	-	8	242	363
169+00	-	199+00	STH 67	8,841	4,420	383	1238	1621	-	-	765	3,656	1	-	286	6	9	-	-	6	159	239
199+00	-	229+00	STH 67	4,900	3,831	105	826	931	-	-	184	885	2	-	99	-	12	-	-	3	88	132
229+00	-	259+00	STH 67	7,584	3,606	237	-	237	-	-	3,772	206	-	4	242	-	7	-	-	5	137	205
259+00	-	289+00	STH 67	8,111	2,306	599	1336	1936	-	-	2,686	3,119	-	2	352	-	3 1	-	-	5	146	219
289+00	-	291+50	STH 67	291	-10	-	-	0	-	-	76	225	-	4	55	-	3	1	-	-	5	8
PROJECT				-	-	-	-	-	9	3	-	-	-	-	-	-	-	-	-	-	-	-
UNDISTRIBUTED				-	1,739	338	338	676	-	-	-	-	2	2	40	-	22	-	60	-	82	1,227
			TOTAL	**45,458**	**19,124**	**3,467**	**5,675**	**9,142**	**9**	**3**	**7,483**	**20,589**	**6**	**12**	**1,316**	**6**	**78**	**2**	**60**	**28**	**900**	**2,455**

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1	R5-1A(2M)	--	42	x	30	8.750	--	--	1	--	--	--	2	BACK OF SIGN #2
2	J3-1(2S)	--	24	x	57	9.500	--	--	--	1	1	--	--	--
	M3-4	--	24	x	12									
	M1-6	STH 50	24	x	24									
	M6-1	--	21	x	21									
3	R3-20L(2S)	--	24	x	36	6.000	--	--	1	1	1	--	--	--
4	R4-7(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	--
5	D1-3	[A] WILLIAMS BAY	90	x	42	26.250	--	--	1	2	2	--	--	--
		[A] LAKE GENEVA												
		DELAVAN [A]												
6	R4-7(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	--
7	JH-1(2S)	--	24	x	45	7.500	--	--	--	--	--	--	6	BACK OF SIGN #6
	D9-2	--	24	x	24									
	MB6-1	--	21	x	21									
8	W3-3(2S)	--	36	x	36	--	9.000	--	1	1	1	--	--	--
9	R2-1(2S)	50 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
10	R4-7(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	ALSO REMOVE W5-54
11	W5-54(2S)	--	18	x	18	--	2.250	--	--	--	--	--	10	SEE DETAIL
12	R5-1(3)	--	36	x	36	9.000	--	--	1	1	1	--	--	--
13	R2-1(2M)	55 MPH	30	x	36	7.500	--	--	--	--	--	--	12	BACK OF SIGN #12
14	R5-1A(2M)	--	42	x	30	8.750	--	--	1	1	1	--	--	--
15	W6-2(2S)	--	36	x	36	--	9.000	--	--	--	--	--	14	BACK OF SIGN #14
16	R6-2L(2S)	--	24	x	30	5.000	--	--	--	--	1	--	--	--
17	R5-1(3)	--	36	x	36	9.000	--	--	1	1	1	--	--	--
18	J4-1(2S)	--	24	x	36	6.000	--	--	1	1	1	--	--	--
	M3-1	--	24	x	12									
	M1-6	STH 67	24	x	24									
19	J3-1(2S)	--	24	x	57	9.500	--	--	1	1	1	--	--	--
	M3-2	--	24	x	12									
	M1-6	STH 50	24	x	24									
	M6-1	--	21	x	21									
20	W4-2R(2S)	--	36	x	36	--	9.000	--	--	--	--	--	19	BACK OF SIGN #19
21	W4-2R(2S)	--	36	x	36	--	9.000	--	1	1	1	--	--	--
22	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	MOUNT ON SIGNAL POLE
23	R4-7(2S)	--	24	x	30	5.000	--	--	--	--	--	--	22	MOUNT ON SIGNAL POLE
24	R5-1(2S)	--	30	x	30	6.250	--	--	1	1	1	--	--	--

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25	R1-2(2S)	--	36	x	31	3.880	--	--	1	--	--	--	--	MOUNT ON LIGHT POLE
26	W12-1D(2S)	--	24	x	24	--	4.000	--	1	1	1	--	--	2 FT MOUNT HEIGHT
27	R6-2L(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	--
28	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	MOUNT ON SIGNAL POLE
29	R4-7(2S)	--	24	x	30	5.000	--	--	--	--	--	--	28	MOUNT ON SIGNAL POLE
30	R6-2L(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	--
31	R5-1(2S)	--	30	x	30	6.250	--	--	1	--	--	--	--	MOUNT ON SIGNAL POLE
32	R1-1F(3)	--	36	x	36	--	--	7.460	--	--	--	--	31	MOUNT ON SIGNAL POLE
33	R1-2(2S)	--	36	x	31	3.880	--	--	1	1	1	--	--	--
34	W12-1D(2S)	--	24	x	24	--	4.000	--	1	1	1	--	--	2 FT MOUNT HEIGHT
35	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	MOUNT ON SIGNAL POLE
36	R4-7(2S)	--	24	x	30	5.000	--	--	--	--	--	--	35	MOUNT ON SIGNAL POLE
37	R5-1(2S)	--	30	x	30	6.250	--	--	1	1	1	--	--	--
38	R1-2(2S)	--	36	x	31	3.880	--	--	1	1	1	--	--	--
39	R6-2L(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	--
40	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	MOUNT ON SIGNAL POLE
41	W12-1D(2S)	--	24	x	24	--	4.000	--	1	1	1	--	--	2 FT MOUNT HEIGHT
42	R4-7(2S)	--	24	x	30	5.000	--	--	1	--	--	--	--	MOUNT ON SIGNAL POLE
43	R1-1F(3)	--	36	x	36	--	--	7.460	--	--	--	--	42	MOUNT ON SIGNAL POLE
44	R5-1(2S)	--	30	x	30	6.250	--	--	1	--	--	--	--	MOUNT ON SIGNAL POLE
45	R6-2L(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	--
46	R1-2(2S)	--	36	x	31	3.880	--	--	1	1	1	--	--	--
47	W12-1D(2S)	--	24	x	24	--	4.000	--	1	1	1	--	--	2 FT MOUNT HEIGHT
48	J2-3(2S)	--	72	x	57	28.500	--	--	1	2	2	--	--	--
	M3-2	--	24	x	12									
	M1-6	STH 50	24	x	24									
	M5-1L	--	21	x	21									
	M3-3	--	24	x	12									
	M1-6	STH 67	24	x	24									
	M6-1	--	21	x	21									
	M3-4	--	24	x	12									
	M1-6	STH 50	24	x	24									
	M5-1R	--	21	x	21									
49	W3-5(2S)	50 MPH	36	x	36	--	9.000	--	1	1	1	--	--	--
50	W6-2(2S)	--	36	x	36	--	9.000	--	1	1	1	--	--	--

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51	J1-1(2S)	--	24	x	39	6.500	--	--	1	1	1	--	--	--
	M2-1	--	21	x	15									
	M1-6	STH 50	24	x	24									
52	W14-3(2S)	--	48	x	36	--	6.000	--	1	1	1	--	--	--
53	W6-3(2S)	--	36	x	36	--	9.000	--	--	--	--	--	52	--
54	D5-63A	--	--	x	--	--	--	--	1	2	--	--	--	--
55	D5-64R(2S)	--	60	x	36	15.000	--	--	1	2	2	--	--	--
56	D5-64L(2S)	--	60	x	36	15.000	--	--	1	2	2	--	--	--
57	D1-2	[A] TOWN HALL RD	90	x	30	18.750	--	--	--	--	2	--	--	--
		PALMER RD [A]												
58	J4-1(2S)	--	24	x	36	6.000	--	--	--	--	1	--	--	--
	M3-3	--	24	x	12									
	M1-6	STH 67	24	x	24									
59	D5-63A	--	--	x	--	--	--	--	1	2	--	--	--	--
60	J13-1(2S)	--	24	x	45	7.500	--	--	--	--	1	--	--	--
	M1-6	STH 67	24	x	24									
	M6-4	--	21	x	21									
61	R1-1(3)	--	36	x	36	7.460	--	--	1	1	1	--	--	--
62	W4-4C(3)	TRAFFIC ON 67 DOES NOT STOP	36	x	15	--	3.750	--	--	--	--	--	61	--
63	R1-1(3)	--	36	x	36	7.460	--	--	1	1	1	--	--	--
64	J13-1(2S)	--	--	x	--	--	--	--	--	--	1	--	--	--
	M1-6	STH 67	24	x	24									
	M6-4	--	21	x	21									
65	R1-1(3)	--	36	x	36	7.460	--	--	1	1	1	--	--	--
66	W4-4C(3)	TRAFFIC ON 67 DOES NOT STOP	36	x	15	--	3.750	--	--	--	--	--	65	--
67	R1-1(3)	--	36	x	36	7.460	--	--	1	1	1	--	--	--
68	J1-1(2S)	--	24	x	39	6.500	--	--	--	--	1	--	--	--
	M2-1	--	21	x	15									
	M1-6	STH 67	24	x	24									
69	J1-1(2S)	--	24	x	39	6.500	--	--	--	--	1	--	--	--
	M2-1	--	21	x	15									
	M1-6	STH 67	24	x	24									
70	J4-1(2S)	--	24	x	36	6.000	--	--	--	--	1	--	--	--
	M3-1	--	24	x	12									
	M1-6	STH 67	24	x	24									
71	D1-2	[A] PALMER RD	90	x	30	18.750	--	--	--	--	2	--	--	--
		TOWN HALL RD [A]												

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72	W14-3(2S)	--	48	x	36	--	6.000	--	1	1	1	--	--	--
73	W14-3(2S)	--	48	x	36	--	6.000	--	1	1	1	--	--	--
74	I55-56	--	--	x	--	--	--	--	--	1	1	1	--	MOVE - DO NOT REPLACE
75	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
76	--	CLASS B HIGHWAY ...	--	x	--	--	--	--	--	1	1	1	--	MOVE - DO NOT REPLACE
77	--	WELCOME ...	--	x	--	--	--	--	--	--	--	1	76	MOVE - DO NOT REPLACE
78	I55-56	--	--	x	--	--	--	--	--	1	1	1	--	MOVE - DO NOT REPLACE
79	W1-7(2S)	--	48	x	24	--	8.000	--	1	1	1	--	--	--
80	W1-7(2S)	--	48	x	24	--	8.000	--	1	1	1	--	--	--
81	--	CLASS B HIGHWAY ...	--	x	--	--	--	--	--	1	1	1	--	MOVE - DO NOT REPLACE
82	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
83	W14-3(2S)	--	48	x	36	--	6.000	--	1	1	1	--	--	--
84	W14-3(2S)	--	48	x	36	--	6.000	--	1	1	1	--	--	--
85	W1-7(2S)	--	48	x	24	--	8.000	--	--	--	1	--	--	--
86	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
87	W3-5(2S)	45 MPH	36	x	36	--	9.000	--	1	1	1	--	--	--
88	R3-7R(3)	--	36	x	36	9.000	--	--	--	--	1	--	--	--
89	D1-2	[A] MOUND RD REMER RD [A]	72	x	30	15.000	--	--	--	--	2	--	--	--
90	R3-7R(3)	--	36	x	36	9.000	--	--	--	--	1	--	--	--
91	R2-1	--	--	x	--	--	--	--	--	1	1	1	--	MOVE - DO NOT REPLACE
92	--	CLASS B HIGHWAY ...	--	x	--	--	--	--	--	--	--	1	92	MOVE - DO NOT REPLACE
93	R2-1(2S)	55 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
94	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
95	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
96	R2-1(3)	45 MPH	36	x	48	12.000	--	--	1	1	1	--	--	--
97	R3-7R(3)	--	36	x	36	9.000	--	--	--	--	1	--	--	--
98	D1-2	[A] REMER MOUND RD [A]	72	x	30	15.000	--	--	--	--	2	--	--	--
99	R3-7R(3)	--	36	x	36	9.000	--	--	--	--	1	--	--	--
100	--	ELKHORN POPULATION 10,084	60	x	24	10.000	--	--	1	2	2	--	--	--

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101	--	NIGHT PARKING	--	x	--	--	--	--	--	1	1	1	--	MOVE - DO NOT REPLACE
102	W1-7(2S)	--	48	x	24	--	8.000	--	--	--	1	--	--	--
103	R1-1(2S)	--	30	x	30	5.180	--	--	1	--	--	--	--	MOUNT ON LIGHT POLE
104	R2-1(2S)	45 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
105	R2-1(2S)	45 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
106	W5-52L(2S)	--	12	x	36	--	3.000	--	--	--	1	--	--	4 FT MOUNT HEIGHT
107	W5-52L(2S)	--	12	x	36	--	3.000	--	--	--	1	--	--	4 FT MOUNT HEIGHT
108	I3-1	JACKSON CREEK	48	x	24	8.000	--	--	--	--	2	--	--	--
109	W5-52R(2S)	--	12	x	36	--	3.000	--	--	--	1	--	--	4 FT MOUNT HEIGHT
110	W5-52R(2S)	--	12	x	36	--	3.000	--	--	--	1	--	--	4 FT MOUNT HEIGHT
111	W14-3(2S)	--	48	x	36	--	6.000	--	--	--	--	--	112	BACK OF SIGN #112
112	I3-1	JACKSON CREEK	48	x	24	8.000	--	--	--	--	2	--	--	--
113	R2-1(2S)	45 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
114	R2-1(2S)	45 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
115	R4-7(2S)	--	24	x	30	5.000	--	--	--	--	1	--	--	--
116	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
117	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
118	R4-7(2S)	--	24	x	30	5.000	--	--	1	--	--	--	--	MOUNT ON LIGHT POLE
119	R4-7(2S)	--	24	x	30	5.000	--	--	--	--	--	--	--	MOUNT ON LIGHT POLE
120	R1-1(2S)	--	36	x	36	7.460	--	--	1	1	1	--	--	--
121	R2-1(2S)	45 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
122	W6-2(2S)	--	36	x	36	--	9.000	--	1	1	1	--	--	--
123	D1-2	[A] COMMERCE DR COMMERCE CT [A]	90	x	30	18.750	--	--	--	--	2	--	--	--
124	R2-1(2S)	45 MPH	24	x	30	5.000	--	--	1	1	1	--	--	--
125	I55-56	--	--	x	--	--	--	--	--	1	1	1	--	MOVE - DO NOT REPLACE
126	D2-1	WILLIAMS BAY 5	90	x	15	9.375	--	--	1	2	2	--	--	--
127	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
128	W6-3(2S)	--	36	x	36	--	9.000	--	--	--	1	--	--	--
129	R5-1(2S)	--	30	x	30	6.250	--	--	1	1	1	--	--	--
130	R4-7(2S)	--	24	x	30	5.000	--	--	1	1	1	--	--	--
131	W5-54(2S)	--	18	x	18	--	2.250	--	--	--	--	--	130	SEE DETAIL
132	D1-3	[A] BELOIT ELKHORN MILWAUKEE [A]	72	x	36	18.000	--	--	1	2	2	--	--	--

3

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X 6"x18' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
133	W23-2	NEW TRAFFIC PATTERN AHEAD	--	x	--	--	--	--	1	1	--	--	--	--
134	W23-2	NEW TRAFFIC PATTERN AHEAD	--	x	--	--	--	--	1	1	--	--	--	--
135	R1-1(2S)	--	30	x	30	5.180	--	--	1	1	1	--	--	--
136	R4-7(2S)	--	24	x	30	5.000	--	--	1	--	--	--	--	MOUNT ON LIGHT POLE
137	W14-1(2S)	--	30	x	30	--	6.250	--	1	1	1	--	--	--
138	J1-1(2S)	--	24	x	39	6.500	--	--	1	1	1	--	--	--
	MB2-1	--	21	x	15									
	M1-1	IH 42	24	x	24									
--	--	--	--	x	--	--	--	--	--	--	--	--	--	--
TOTALS						660.245	204.250	44.760	86	91	118	9		

3

SHEET 6 OF 6

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING QUANTITIES	SHEET:	E

3

3

TRAFFIC CONTROL

LOCATION	DURATION	TRAFFIC CONTROL DRUMS 643.0300 #	DAYS	BARRICADES TYPE III 643.0420 #	DAYS	WARNING LIGHTS TYPE A 643.0705 #	DAYS	TRAFFIC CONTROL SIGNS 643.0900 #	DAYS	TRAFFIC CONTROL COVERING SIGNS TYPE I 643.0910 # of CYCLES	EACH	TRAFFIC CONTROL COVERING SIGNS TYPE II 643.0920 # of CYCLES	EACH	TRAFFIC CONTROL SIGNS FIXED MESSAGE 643.1000 SF	TRAFFIC CONTROL SIGNS PCMS 643.1050 #	DAY	TRAFFIC CONTROL DETOUR SIGNS 643.3000 #	DAY	REMARKS
I 43, SOUTHBOUND	166	-	-	-	-	-	-		0	1	2	-	-	108	-	-	25	4,150	
I 43, NORTHBOUND	166	-	-	-	-	-	-		0	1	2	-	-	108	-	-	17	2,822	
STH 67, SOUTHBOUND	166	360	59,760	12	1,992	20	3,320	14	2,324	-	-	1	1	108	1	14	12	1,992	
STH 67, NORTHBOUND	166	360	59,760	12	1,992	20	3,320	15	2,490	-	-	1	1	-	1	14	14	2,324	
STH 50, WESTBOUND	166	15	2490	1	-	2	332	8	1328	-	-	1	11	-	-	-	18	2988	DRUMS & BARRICADES TO CLOSE RT TURN LANE
STH 50, EASTBOUND	166	19	3,154	1	166	4	664	2	332	-	-	1	8	108	-	-	12	1,992	DRUMS & BARRICADES TO CLOSE LT TURN LANE
TOWN HALL RD	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
PALMER RD	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
THEATRE RD	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
WILLOW BEND RD	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
REMER RD	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
MOUND RD	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
GRANT ST	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
E. MORRISSEY DR	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
O'CONNER DR	166	-	-	8	1328	16	2,656	6	996	-	-	-	-	-	-	-	-	-	
COMMERCE DR	166	-	-	2	332	4	664	3	498	-	-	-	-	-	-	-	-	-	
COMMERCE CT	166	-	-	4	664	5	830	3	498	-	-	-	-	-	-	-	-	-	
STH 67	42	-	-	-	-	-	-	58	2,436	-	-	-	-	-	-	-	-	-	BUMP & GROOVED PAVEMENT SIGNS
TOTAL			**125,164**		**9,130**		**17,098**		**14,886**		**4**		**21**	**432**		**28**		**16,268**	

NOTE: PCMS TO BE PLACED 2 WEEKS PRIOR TO CONSTRUCTION

PAVEMENT MARKING

STATION	to	STATION	LOCATION	PAVEMENT MARKING EPOXY 4-INCH 646.0106 (DOUBLE) YELLOW LF	(SOLID) YELLOW LF	(12.5' SEG, 37.5' GAP) YELLOW LF	PAVEMENT MARKING GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH 646.0844.S (SOLID) WHITE LF	PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 4-INCH 646.2304.S (12.5' SEG, 37.5' GAP) WHITE LF	(3' SEG, 9' GAP) WHITE LF	(SOLID) WHITE LF	PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 8-INCH 646.2308.S (3' SEG, 9' GAP) WHITE LF	PAVEMENT MARKING ARROWS EPOXY TYPE 2 647.0166 EACH	PAVEMENT MARKING WORDS EPOXY 647.0356 EACH	PAVEMENT MARKING CURB EPOXY 647.0456 YELLOW LF	PAVEMENT MARKING STOP LINE EPOXY 18-INCH 647.0566 WHITE LF
112+00	-	170+59	STH67	5809	-	-	500	250	212	11595	148	-	1	-	28
170+58	-	176+72	STH67	-	614	614	300	-	-	2981	-	2	-	-	30
176+72	-	189+00	STH67	-	-	1227	-	-	-	2455	-	-	-	-	-
189+00	-	199+50	STH67	190	1050	1050	194	248	-	2438	-	1	1	-	27
199+50	-	219+50	STH67	-	-	2000	106	-	325	4000	196	1	-	-	-
219+50	-	231+50	STH67	138	1200	1200	200	250	100	2646	100	2	1	-	31
231+50	-	232+90	STH67	-	-	140	-	-	-	280	-	-	-	-	-
232+90	-	253+70	STH67	242	-	2080	600	365	781	4731	513	6	3	-	58
253+70	-	255+50	STH67	180	-	-	135	40	187	493	114	2	1	-	-
255+50	-	268+10	STH67	-	1260	1260	65	293	-	2382	-	1		-	32
268+10	-	289+66	STH67	2157	-	-	795	250	213	4059	148	4	1		103
289+66	-	291+54	STH67	187	-	-	5	-	-	27	-	-	2	-	75
0+40	-	0+83	MORRISSEY DR.	-	-	-	-	-	-	-	-	-	-	95	-
1+21	-	1+81	O'CONNOR DR.	-	-	-	-	-	-	-	-	-	-	126	-
2+52	-	3+12	O'CONNOR DR.	-	-	-	-	-	-	-	-	-	-	124	-
3+37	-	3+92	COMMERCE DR.	-	-	-	-	-	-	-	-	-	-	115	-
TOTAL					**22,598**		**2,900**		**41,601**		**1,219**	**19**	**10**	**460**	**384**

LOCATING NO-PASSING ZONES

LOCATION	648.0100 MI
PROJECT	3.4
TOTAL	**3.4**

CONSTRUCTION STAKING

STATION	to	STATION	LOCATION	STORM SEWER 650.4000 LF	SUBGRADE 650.4500 LF	BASE 650.5000 LF	CURB GUTTER AND CURB & GUTTER 650.5500 LF	PIPE CULVERTS 650.6000 EACH	RESURFACING REFERENCE 650.8000 LF	SUPPLEMENTAL CONTROL 650.9910 LS	SLOPE STAKES 650.9920 LF	SECTION CORNER MONUMENTS SPV.0060.04 LF
123+50	-	131+00	STH 67	-	750	750	-	-	-	-	750	1
143+50	-	155+00	STH 67	-	1,150	1,150	-	-	-	-	1,150	1
163+00	-	176+00	STH 67	-	1,150	1,150	-	-	-	-	1,300	-
184+00		189+00	STH 67	-	-	-	-	-	-	-	500	-
194+00	-	202+00	STH 67	-	800	800	-	-	-	-	800	1
219+50	-	228+00	STH 67	-	700	700	-	-	-	-	850	1
238+00	-	260+00	STH 67	-	2,200	2,200	-	-	-	-	2,200	1
262+00	-	271+00	STH 67	-	870	870	-	-	-	-	900	-
271+00	-	275+50	STH 67	-	250	250	-	-	-	-	450	-
276+50	-	278+50	STH 67	-	200	200	-	-	-	-	200	1
278+50	-	289+00	STH 67	-	200	200	-	-	-	-	1,050	-
20+00	-	21+00	PALMER RD	-	-	-	-	-	-	-	-	1
PROJECT				259	-	-	2,813	20	17,950	1	-	-
		TOTAL		**259**	**8,270**	**8,270**	**2,813**	**20**	**17,950**	**1**	**10,150**	**7**

SAWING

STATION	LOCATION	ASPHALT 690.0150 LF	CONCRETE 690.0250 LF	REMARKS
112+00	STH 67	84	-	PE
118+93	STH 67, RT	15	-	PE
123+29	STH 67, RT	19	-	PE
127+12	STH 67, LT	58	-	CE
131+43	STH 67, RT	21	-	PE
135+19	STH 67, LT	29	-	PE
137+49	STH 67, RT	30	-	PE
141+17	STH 67, LT	20	-	PE
155+77	STH 67, RT	28	-	PE
156+09	STH 67, LT	26	-	PE
158+18	STH 67, RT	25	-	PE
161+58	STH 67, RT	52	-	PE
168+31	STH 67, RT	23	-	PE
178+63	STH 67, LT	38	-	PE
183+63	STH 67, RT	31	-	PE
186+05	STH 67, LT	36	-	CE
189+35	STH 67, LT	21	-	PE
191+04	STH 67, RT	21	-	PE
199+60	STH 67, LT	17	-	PE
201+05	STH 67, LT	12	-	PE
202+79	STH 67, LT	16	-	PE
203+62	STH 67, LT	18	-	PE
216+74	STH 67, LT	25	-	PE
228+13	STH 67, LT	48	-	PE
257+59	STH 67, LT	16	-	PE
260+83	STH 67, RT	39	-	PE
276+20	STH 67, LT	30	-	CE
18+09	TOWN HALL RD	48	-	
21+53	PALMER RD	68	-	
17+78	THEATRE RD	44	-	
1+70	WILLOW BEND RD	42	-	
241+00	STH 67, LT	112	-	HICKORY CT
18+34	MOUND RD	48	-	
21+28	REMER RD	46	-	
0+63	GRANT ST	-	10	SIDEWALK
2+01	GRANT ST	64	6	CURB & GUTTER
1+63	MORRISSEY DR	80	5	CURB & GUTTER
0+92	OCONNER DR	88	-	
1+22	OCONNER DR	-	10	CURB & GUTTER
3+12	OCONNER DR	-	10	CURB & GUTTER
3+43	OCONNER DR	88	-	
1+69	E. COMMERCE CT	104	-	
1+98	E. COMMERCE CT	-	5	CURB & GUTTER
3+92	COMMERCE DR	-	5	CURB & GUTTER
4+22	COMMERCE DR	88	-	
	TOTAL	**1718**	**51**	

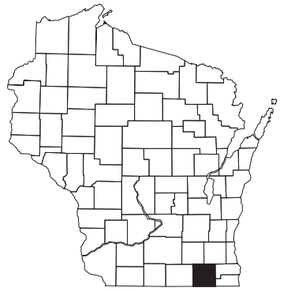
ADJUSTING HYDRANT

STATION	SPV.0060.01 EACH
168+13, 61' RT	1
TOTAL	**1**

UTILITY LINE OPENING

STATION	SPV.0060.05 EACH
170+05, 57' RT	1
TOTAL	**1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
PROJECT NO. 3325-01-21
WILLIAMS BAY TO ELKHORN
1000' N STH 50 TO COMMERCE DRIVE
STH 67
WALWORTH COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING TO BE REMOVED
BRIDGE

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	○
TELEPHONE POLE	●	⌀
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	⧓	⧒

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25 UTILITY NUMBER 40
PARALLEL OFFSETS

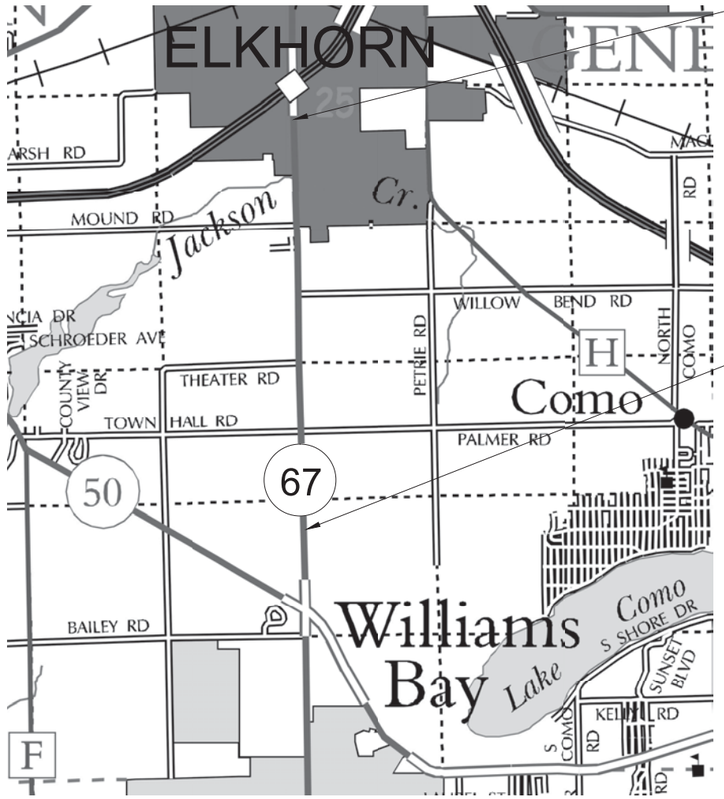
CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY NUMBER	NGS NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

R18E R17E



GN

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS

LAYOUT
SCALE 0 0.6 MI

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 3325-01-21

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), (WALWORTH) COUNTY, NAD 83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISIITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21 - 4.01
SHEET 2 OF 2
AMENDMENT NO:

FILE NAME : N:\PDS\C3D\33250121\RW\33250121_4.01_TS.DWG
APPRAISAL PLAT DATE :
PLOT DATE : 12/14/2012 7:46 PM
PLOT BY : SCHMIDT, STEVEN L PLOT NAME : ----------
CONST. 3325-01-71 R/W 3325-01-21 4.01
LAYOUT NAME - ****

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 – 4.01 AMENDMENT NO. 1

AMENDS TRANSPORTATION PROJECT PLAT 3325-02-21-4.01 RECORDED AS DOCUMENT 916482 BY ELIMINATING UTILITY NUMBERS 201 AND 202.

THAT PART OF LOT 3, CSM 3746, AND ALSO THAT PART OF THE NE 1/4 – SE 1/4 AND THE SE 1/4 –SE 1/4, SECTION 24, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF LOT 1, CSM 2258, AND ALSO THAT PART OF THE NW 1/4 – SW 1/4, SECTION 30, TOWN 2 NORTH, RANGE 17 EAST, AND ALSO THAT PART OF THE NW 1/4 – SW 1/4 AND THE SW 1/4 – SW 1/4 SECTION 19, TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.

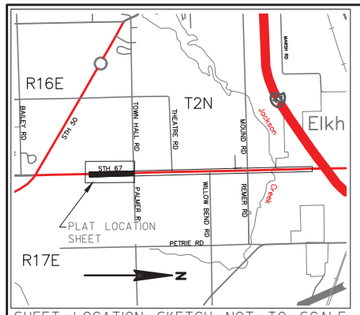
RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

DOC # 961441
Recorded
February 14, 2017 12:00 PM
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.01
AMENDMENT NO: 1



SHEET LOCATION SKETCH NOT TO SCALE

SCALE, FEET
0 100 200

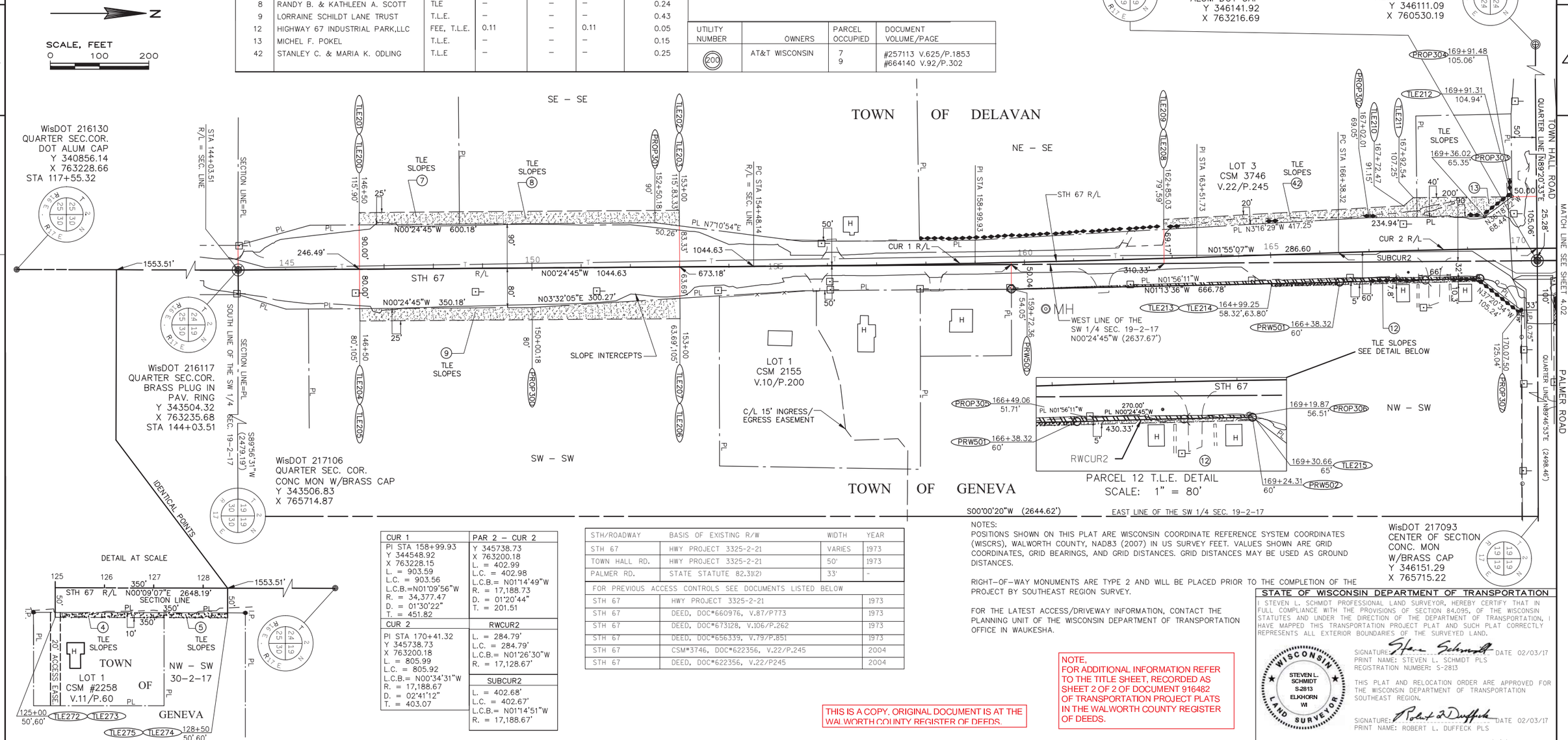
SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
4	TUCANY INVESTORS, LLC	T.L.E				0.05
5	PETER M. PACZKOWSKI	T.L.E				0.03
7	MARK S. & JAMIE M. RHODES	T.L.E.	–	–	–	0.11
8	RANDY B. & KATHLEEN A. SCOTT	TLE	–	–	–	0.24
9	LORRAINE SCHILDT LANE TRUST	T.L.E.	–	–	–	0.43
12	HIGHWAY 67 INDUSTRIAL PARK,LLC	FEE, T.L.E.	0.11	–	0.11	0.05
13	MICHEL F. POKEL	T.L.E.	–	–	–	0.15
42	STANLEY C. & MARIA K. ODLING	T.L.E	–	–	–	0.25

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
200	AT&T WISCONSIN	RELEASE OF RIGHTS

UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	DOCUMENT VOLUME/PAGE
203	AT&T WISCONSIN	7 9	#257113 V.625/P.1853 #664140 V.92/P.302



CUR 1	PAR 2 – CUR 2
PI STA 158+99.93 Y 344548.92 X 763228.15 L. = 903.59 L.C. = 903.56 L.C.B.=N01°09'56"W R. = 34,377.47 D. = 01°30'22" T. = 451.82	Y 345738.73 X 763200.18 L. = 402.99 L.C. = 402.98 L.C.B.= N01°14'49"W R. = 17,188.73 D. = 01°20'44" T. = 201.51
CUR 2	**RWCUR2**
PI STA 170+41.32 Y 345738.73 X 763200.18 L. = 805.99 L.C. = 805.92 L.C.B.= N00°34'31"W R. = 17,188.67 D. = 02°41'12" T. = 403.07	L. = 284.79' L.C. = 284.79' L.C.B.= N01°26'30"W R. = 17,128.67'
	SUBCUR2
	L. = 402.68' L.C. = 402.67' L.C.B.= N01°14'51"W R. = 17,188.67'

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
TOWN HALL RD.	HWY PROJECT 3325-2-21	50'	1973
PALMER RD.	STATE STATUTE 82.31(2)	33'	-
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	HWY PROJECT 3325-2-21		1973
STH 67	DEED, DOC#660976, V.87/P773		1973
STH 67	DEED, DOC#673128, V.106/P.262		1973
STH 67	DEED, DOC#656339, V.79/P.851		1973
STH 67	CSM#3746, DOC#622356, V.22/P.245		2004
STH 67	DEED, DOC#622356, V.22/P245		2004

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

NOTE,
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 916482 OF TRANSPORTATION PROJECT PLATS IN THE WALWORTH COUNTY REGISTER OF DEEDS.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN LAND SURVEYOR
STEVEN L. SCHMIDT
S-2813
ELKHORN
WI

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

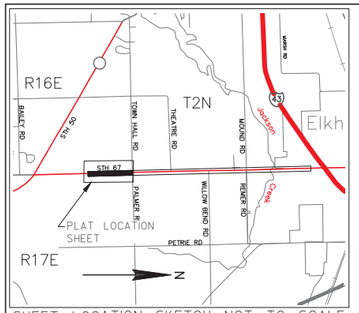
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: ROBERT L. DUFFECK PLS

CAB D SLIDE 138

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 - 4.01

THAT PART OF LOT 3, CSM 3746, AND ALSO THAT PART OF THE NE 1/4 - SE 1/4 AND THE SE 1/4 -SE 1/4, SECTION 24, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF LOT 1, CSM 2258, AND ALSO THAT PART OF THE NW 1/4 - SW 1/4, SECTION 30, TOWN 2 NORTH, RANGE 17 EAST, AND ALSO THAT PART OF THE NW 1/4 - SW 1/4 AND THE SW 1/4 - SW 1/4 SECTION 19, TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.



SHEET LOCATION SKETCH NOT TO SCALE

RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Doc # 916492
Recorded
December 01, 2015 9:49 AM
FILED
DONNA R PRIMEAU
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 2

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.01
AMENDMENT NO: ____

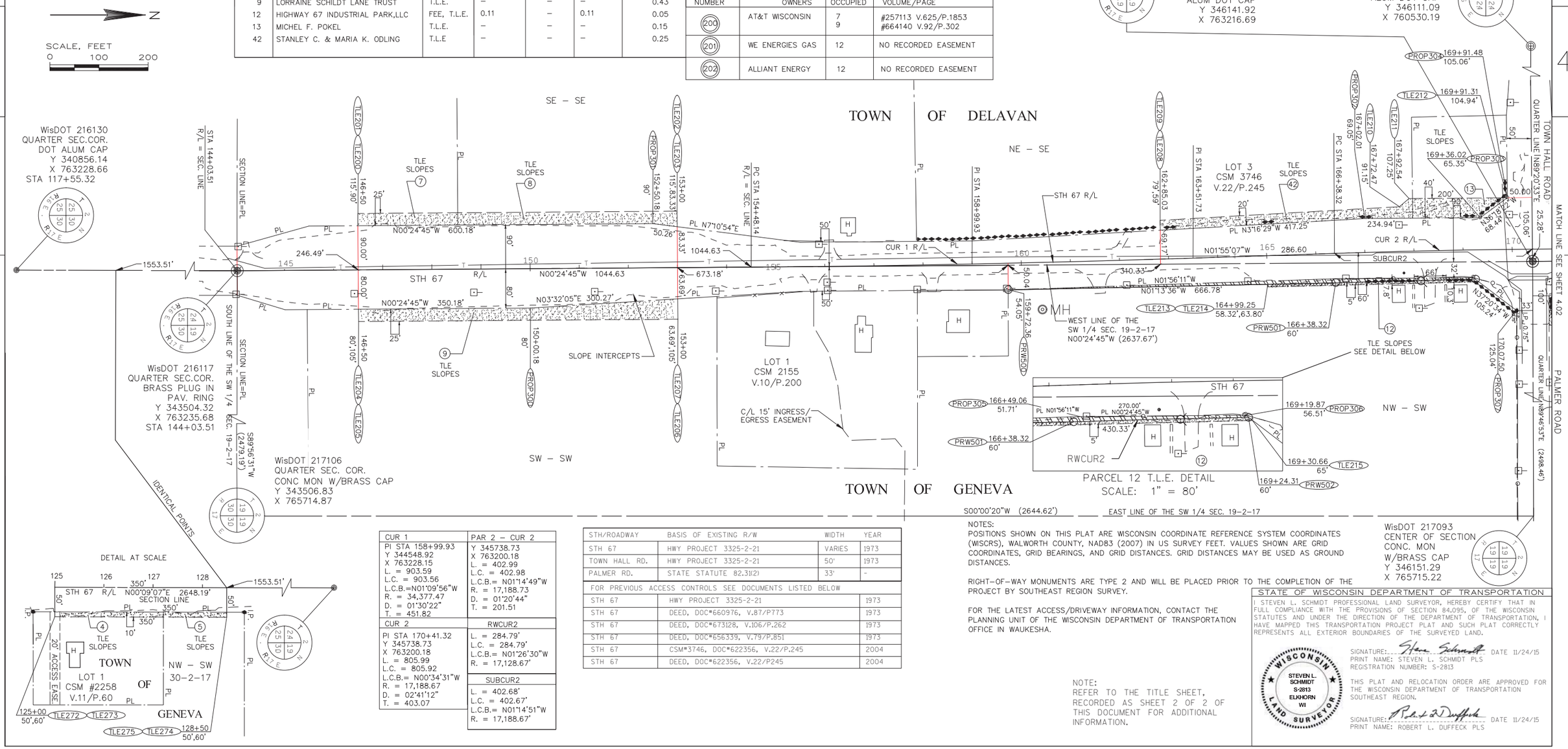
SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
4	TUCANY INVESTORS, LLC	T.L.E				0.05
5	PETER M. PACZKOWSKI	T.L.E				0.03
7	MARK S. & JAMIE M. RHODES	T.L.E.	-	-	-	0.11
8	RANDY B. & KATHLEEN A. SCOTT	TLE	-	-	-	0.24
9	LORRAINE SCHILDT LANE TRUST	T.L.E.	-	-	-	0.43
12	HIGHWAY 67 INDUSTRIAL PARK,LLC	FEE, T.L.E.	0.11	-	0.11	0.05
13	MICHEL F. POKEL	T.L.E.	-	-	-	0.15
42	STANLEY C. & MARIA K. ODLING	T.L.E	-	-	-	0.25

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
200	AT&T WISCONSIN	RELEASE OF RIGHTS
201	WE ENERGIES GAS	RELEASE OF RIGHTS
202	ALLIANT ENERGY	RELEASE OF RIGHTS

UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	DOCUMENT VOLUME/PAGE
(200)	AT&T WISCONSIN	7 9	#257113 V.625/P.1853 #664140 V.92/P.302
(201)	WE ENERGIES GAS	12	NO RECORDED EASEMENT
(202)	ALLIANT ENERGY	12	NO RECORDED EASEMENT



CUR 1	PAR 2 - CUR 2
PI STA 158+99.93 Y 344548.92 X 763228.15 L. = 903.59 L.C. = 903.56 L.C.B.=N01°09'56"W R. = 34,377.47 D. = 01°30'22" T. = 451.82	Y 345738.73 X 763200.18 L. = 402.99 L.C. = 402.98 L.C.B.= N01°14'49"W R. = 17,188.73 D. = 01°20'44" T. = 201.51
CUR 2	RWCUR2
PI STA 170+41.32 Y 345738.73 X 763200.18 L. = 805.99 L.C. = 805.92 L.C.B.= N00°34'31"W R. = 17,188.67 D. = 02°41'12" T. = 403.07	L. = 284.79' L.C. = 284.79' L.C.B.= N01°26'30"W R. = 17,128.67'
	SUBCUR2
	L. = 402.68' L.C. = 402.67' L.C.B.= N01°14'51"W R. = 17,188.67'

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
TOWN HALL RD.	HWY PROJECT 3325-2-21	50'	1973
PALMER RD.	STATE STATUTE 82.31(2)	33'	-
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	HWY PROJECT 3325-2-21		1973
STH 67	DEED, DOC#660976, V.87/P773		1973
STH 67	DEED, DOC#673128, V.106/P.262		1973
STH 67	DEED, DOC#656339, V.79/P.851		1973
STH 67	CSM#3746, DOC#622356, V.22/P.245		2004
STH 67	DEED, DOC#622356, V.22/P245		2004

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

NOTE:
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF THIS DOCUMENT FOR ADDITIONAL INFORMATION.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

SIGNATURE: Steven Schmidt DATE 11/24/15
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: Robert L Duffeck DATE 11/24/15
PRINT NAME: ROBERT L. DUFFECK PLS

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 – 4.02 AMENDMENT NO. 2

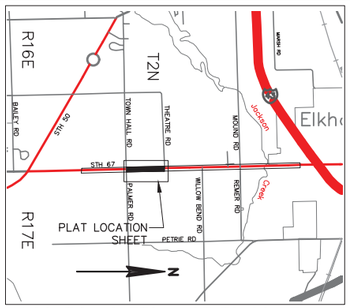
AMENDS TRANSPORTATION PROJECT PLAT 3325-01-21-4.02 AMENDMENT NO.1 RECORDED AS DOCUMENT 931595 BY ADDING UTILITY NUMBER 204.

THAT PART OF THE NE 1/4–NE 1/4 AND THE SE 1/4–NE 1/4, OF SECTION 24, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF THE NW 1/4– NW 1/4 AND THE SW 1/4 – NW 1/4, SECTION 19, TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.

RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.



LOCATION SKETCH NOT TO SCALE

Doc # 941442
Recorded
February 14, 2017 12:00 PM
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.02
AMENDMENT NO: 2

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
14	LUCKY HORSES, LLC	FEE,T.L.E.	0.06		0.06	0.03
15	MARY CHOYCE TRUST	T.L.E.				0.04
16	CRAIG A.,ERIC M. AND BETH C. SHODEEN	T.L.E.				0.05
17	JOAN B. SVOBODA, AND IRWIN L. SVOBODA, AS EQUAL JOINT TENANTS.	FEE,T.L.E.	0.05		0.05	0.09

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

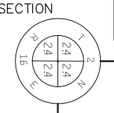
RIGHT–OF–WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

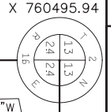
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

WisDOT 216103
CENTER OF SECTION
BRASS PLUG
N 346111.09
E 760530.19

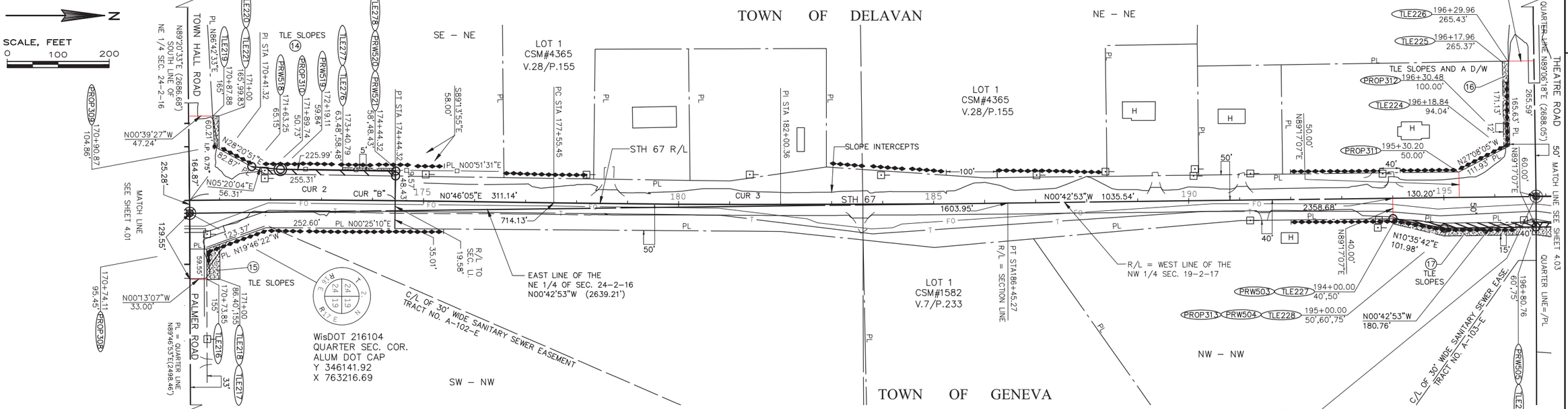
WisDOT 216090
QUARTER SEC. COR.
WALWORTH COUNTY
MONUMENT
Y 348738.84
X 760495.94

STH 67 STA 198+80.76 =
SECTION CORNER 216091





WEST LINE OF THE NE 1/4 SECTION 24–2–16 N00°44'40"W (2628.06')



WisDOT 216104
QUARTER SEC. COR.
ALUM DOT CAP
Y 346141.92
X 763216.69

WisDOT 216091
QUARTER SEC. COR.
ALUM CAP
Y 348780.92
X 763183.76

STH 67 STA 170+41.31 =
TOWN HALL/PALMER RD. STA 20+00.0

WisDOT 217093
CENTER OF SECTION
CONC. MON
W/BRASS CAP
Y 346151.29
X 765715.22

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
204	AMERICAN TRANSMISSION CO.	RELEASE OF RIGHTS

UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	DOCUMENT VOLUME/PAGE
(204)	AMERICAN TRANSMISSION CO.	14	NO RECORDED EASEMENT

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325–2–21	VARIES	1973
STH 67	DEED, DOC#656340, V.79/P.853	50'	1972
TOWN HALL RD.	HWY PROJECT 3325–2–21	50'	1973
THEATRE RD.	HWY PROJECT 3325–2–21	50'	1973
PALMER RD.	STATE STATUTE 82.31(2)	33'	–
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	HWY PROJECT 3325–2–21		1973
STH 67	DEED, DOC#653544, V.75/P469		1972
STH 67	DEED, DOC#656340, V.79/P.853		1972
STH 67	DEED, DOC#663405, V.91/P318		1973
STH 67	CSM#4365, DOC#819555, V.28/P.155		2011

CUR 2
PI STA 170+41.32
Y 345738.73
X 763200.18
L. = 805.99
L.C. = 805.92
L.C.B. = N00°34'31"W
R. = 17,188.73
D. = 02°41'12"
T. = 403.07

CUR 3
PI STA 182+00.36
Y 347300.61
X 763199.35
L. = 889.82
L.C. = 889.80
L.C.B. = N00°01'36"E
R. = 34,377.47
D. = 01°28'59"
T. = 444.94

CUR "A"
L. = 299.47'
L.C. = 299.47'
L.C.B.= N00°04'34"W
R. = 17,188.73

CUR "B"
L. = 402.99'
L.C. = 402.98'
L.C.B.= N00°05'47"W
R. = 17,188.73

NOTE:
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 916482, OF TRANSPORTATION PROJECT PLATS IN THE WALWORTH COUNTY REGISTER OF DEEDS.

THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN W LAND SURVEYOR

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: ROBERT L. DUFFECK PLS

FILE NAME : N:±PDS±C3D±ROW±33250121±4.02A2.DWG PLOT DATE : 2/2/2017 12:41 PM PLOT BY : SCHMIDT, STEVEN PLOT NAME : _____ PLOT SCALE : 1" = 200'

CONST.3325–01–71 R/W 3325–01–21 4.02 AMENDMENT NO. 2

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 – 4.02 AMENDMENT NO. 1

AMENDS TRANSPORTATION PROJECT PLAT 3325-01-21-4.02 RECORDED AS DOCUMENT 919263 BY REVISING PARCEL 14.

THAT PART OF THE NE 1/4–NE 1/4 AND THE SE 1/4–NE 1/4, OF SECTION 24, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF THE NW 1/4– NW 1/4 AND THE SW 1/4 – NW 1/4, SECTION 19, TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.

RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Doc # 931096
Recorded
September 01, 2016 11:37 AM
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.02
AMENDMENT NO: 1



LOCATION SKETCH NOT TO SCALE

WisDOT 216103
CENTER OF SECTION
BRASS PLUG
N 346111.09
E 760530.19

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

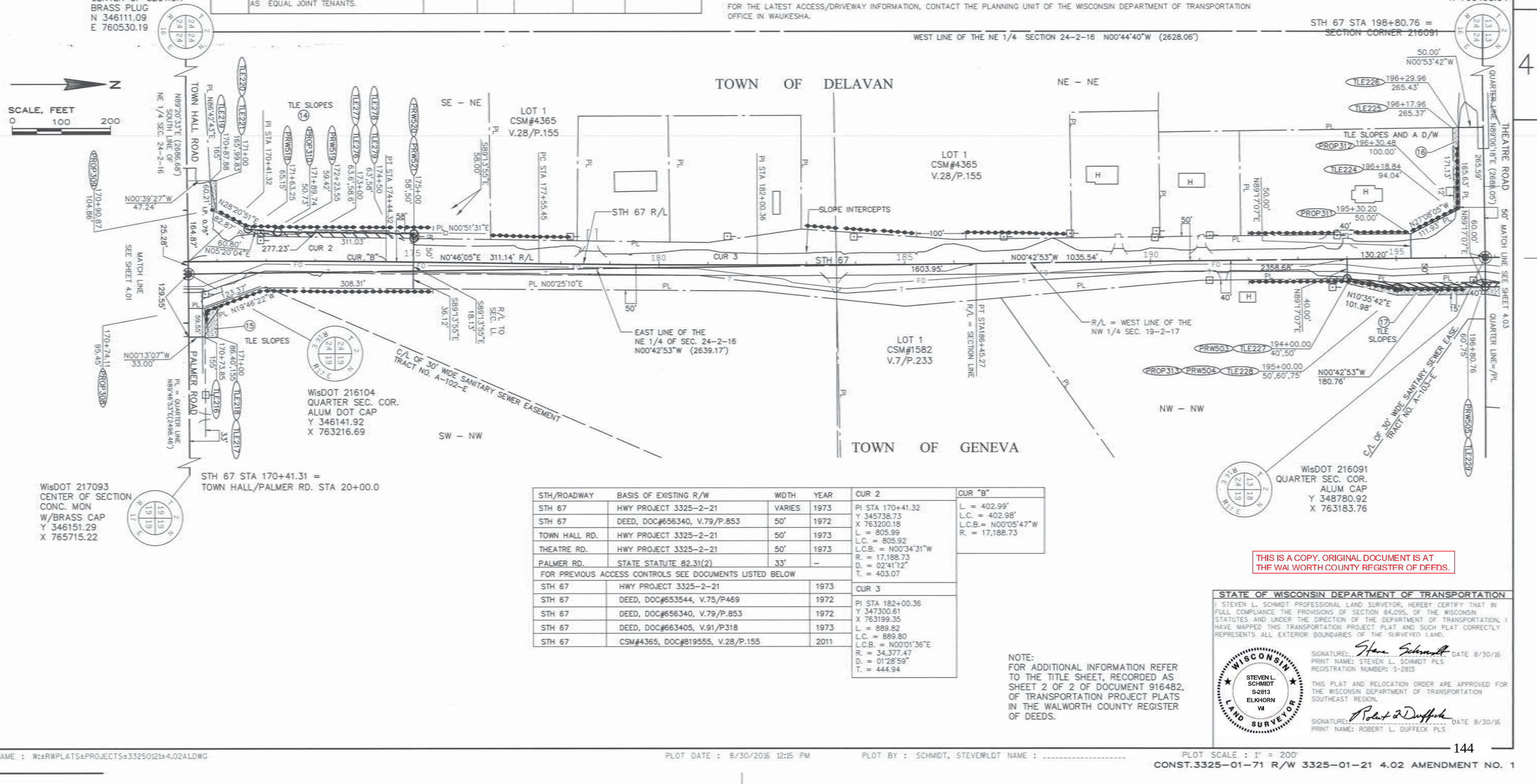
PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
14	LUCKY HORSES, LLC	FEE,T.L.E.	0.07		0.07	0.03
15	MARY CHOYCE TRUST	T.L.E.				0.04
16	CRAIG A.,ERIC M. AND BETH C. SHODEEN	T.L.E.				0.05
17	JOAN B. SVOBODA, AND IRWIN L. SVOBODA, AS EQUAL JOINT TENANTS.	FEE,T.L.E.	0.05		0.05	0.09

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

WisDOT 216090
QUARTER SEC. COR.
WALWORTH COUNTY
MONUMENT
Y 348738.84
X 760495.94



STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325–2–21	VARIES	1973
STH 67	DEED, DOC#656340, V.79/P.853	50'	1972
TOWN HALL RD.	HWY PROJECT 3325–2–21	50'	1973
THEATRE RD.	HWY PROJECT 3325–2–21	50'	1973
PALMER RD.	STATE STATUTE 82.31(2)	33'	–
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	HWY PROJECT 3325–2–21		1973
STH 67	DEED, DOC#653544, V.75/P469		1972
STH 67	DEED, DOC#656340, V.79/P.853		1972
STH 67	DEED, DOC#663405, V.91/P318		1973
STH 67	CSM#4365, DOC#819555, V.28/P.155		2011

CUR 2
PI STA 170+41.32
Y 345738.73
X 763200.18
L. = 805.99
L.C. = 805.92
L.C.B. = N00°34'31"W
R. = 17,188.73
D. = 02°41'12"
T. = 403.07

CUR 3
PI STA 182+00.36
Y 347300.61
X 763199.35
L. = 889.82
L.C. = 889.80
L.C.B. = N00°01'36"E
R. = 34,377.47
D. = 01°28'59"
T. = 444.94

CUR "B"
L. = 402.99'
L.C. = 402.98'
L.C.B.= N00°05'47"W
R. = 17,188.73

NOTE:
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 916482, OF TRANSPORTATION PROJECT PLATS IN THE WALWORTH COUNTY REGISTER OF DEEDS.

THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Steven Schmidt DATE 8/30/16
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: Robert L Duffeck DATE 8/30/16
PRINT NAME: ROBERT L. DUFFECK PLS

FILE NAME : W:±RWPLATS±PROJECTS±33250121±4.02A1.DWG PLOT DATE : 8/30/2016 12:15 PM PLOT BY : SCHMIDT, STEVEN PLOT NAME : ---------- PLOT SCALE : 1" = 200'

CONST.3325-01-71 R/W 3325-01-21 4.02 AMENDMENT NO. 1

CAB D SLIDE 192

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 - 4.02

THAT PART OF THE NE 1/4-NE 1/4 AND THE SE 1/4-NE 1/4, OF SECTION 24, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF THE NW 1/4- NW 1/4 AND THE SW 1/4 - NW 1/4, SECTION 19, TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.

RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Doc # 919263
Recorded
January 26, 2016 12:45 PM
FILED
DONNA P PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.02
AMENDMENT NO: ____



LOCATION SKETCH NOT TO SCALE

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
14	LUCKY HORSES, LLC	T.L.E.				0.04
15	MARY CHOYCE TRUST	T.L.E.				0.04
16	CRAIG A.,ERIC M. AND BETH C. SHODEEN	T.L.E.				0.05
17	JOAN B. SVOBODA, AND IRWIN L. SVOBODA, AS EQUAL JOINT TENANTS.	FEE,T.L.E.	0.05		0.05	0.09

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

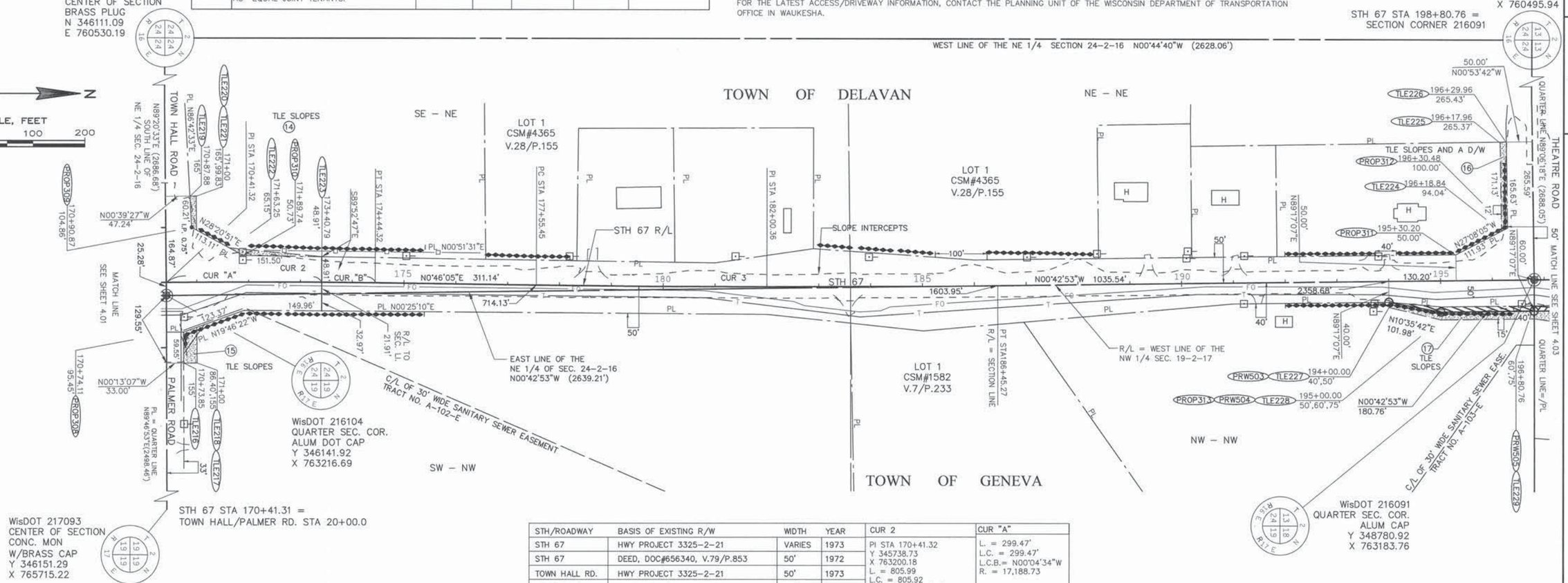
RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

WisDOT 216103
CENTER OF SECTION
BRASS PLUG
N 346111.09
E 760530.19

WisDOT 216090
QUARTER SEC. COR.
WALWORTH COUNTY
MONUMENT
Y 348738.84
X 760495.94

STH 67 STA 198+80.76 =
SECTION CORNER 216091



STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
STH 67	DEED, DOC#656340, V.79/P.853	50'	1972
TOWN HALL RD.	HWY PROJECT 3325-2-21	50'	1973
THEATRE RD.	HWY PROJECT 3325-2-21	50'	1973
PALMER RD.	STATE STATUTE 82.31(2)	33'	-
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	HWY PROJECT 3325-2-21		1973
STH 67	DEED, DOC#653544, V.75/P469		1972
STH 67	DEED, DOC#656340, V.79/P.853		1972
STH 67	DEED, DOC#663405, V.91/P318		1973
STH 67	CSM#4365, DOC#819555, V.28/P.155		2011

CUR 2
PI STA 170+41.32
Y 345738.73
X 763200.18
L. = 805.99
L.C. = 805.92
L.C.B. = N00°34'31"W
R. = 17,188.73
D. = 02°41'12"
T. = 403.07

CUR 3
PI STA 182+00.36
Y 347300.61
X 763199.35
L. = 889.82
L.C. = 889.80
L.C.B. = N00°01'36"E
R. = 34,377.47
D. = 01°28'59"
T. = 444.94

CUR "A"
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L. = 402.99'
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L.C.B.= N00°05'47"W
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NOTE:
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE 01/19/16
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: _____ DATE 01/19/16
PRINT NAME: ROBERT L. DUFFECK PLS

FILE NAME : N:\PDS\C3D\ROW\33250121\4.02.DWG PLOT DATE : 1/15/2016 1:17 PM PLOT BY : SCHMIDT, STEVEN PLOT NAME : ---------- PLOT SCALE : 1" = 200'

CONST.3325-01-71 R/W 3325-01-21 4.02

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 – 4.03 AMENDMENT NO. 1

AMENDS TRANSPORTATION PROJECT PLAT 3325-01-21-4.03 RECORDED AS DOCUMENT 919264 BY ADDING UTILITY NUMBER 202.
THAT PART OF THE NE 1/4 – SE 1/4 AND THE SE 1/4 – SE 1/4, SECTION 13, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF THE SW 1/4 – SW 1/4, SECTION 18 TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.

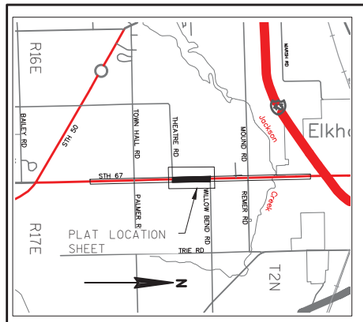
RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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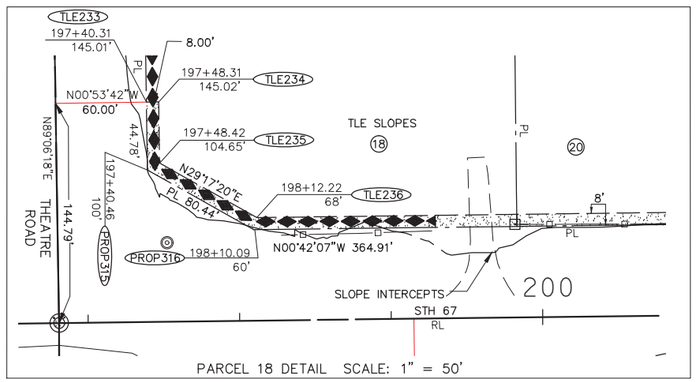
Doc # 941443
Recorded
February 14, 2017 12:00 PM
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.03
AMENDMENT NO: 1



LOCATION SKETCH NOT TO SCALE

SCALE, FEET
0 100 200



PARCEL 18 DETAIL SCALE: 1" = 50'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
18	FULLER LIVING TRUST, RICHARD F. & JOANNA R. FULLER, TRUSTEES	T.L.E.				0.05
19	HWY 67 FARM, LLC	FEE,T.L.E.	0.01		0.01	0.13
20	MARIE HERST	T.L.E.				0.03
21	DALE L. REED a/k/a DALE LAVERN REED AND VIRGINIA A. REED, a/k/a VIRGINIA ANNE REED, LIFE ESTATE AND RORY A. REED, TRACEY L. REED AND KRISTI L. ZANDT, AS JOINT TENANTS	T.L.E.				0.01
25	ALAN & JOANNA VAN DYKE, REV. TRUST ALAN & JOANNA VAN DYKE, CO-TRUSTEES	T.L.E.				0.04

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
202	ALLIANT ENERGY	RELEASE OF RIGHTS

UTILITY NUMBER	OWNERS	PARCELS OCCUPIED	DOCUMENT VOLUME/PAGE
(202)	ALLIANT ENERGY	18, 20	NO RECORDED EASEMENT

WisDOT 21077
QUARTER SEC.COR.
2" PIPE WITH
COUNTY CAP
Y 351382.82
X 760479.51

WisDOT 216090
QUARTER SEC. COR.
COUNTY MON.
Y 348738.84
X 760495.94

WEST LINE OF THE SE 1/4 SEC. 13-2-16 N00°21'30"W (2643.94')

STH 67 STA 223+20.44 =
SECTION CORNER 216078

EAST QUARTER LINE
S89°11'39"E (2672.19')

MATCH LINE SEE SHEET 4.02

SE – SE

TOWN OF DELAVAN

NE – SE

SEE DETAIL

TLE FOR SLOPES AND A D/W 20

TLE FOR SLOPES 21

TLE SLOPES 18

THEATRE ROAD

QUARTER LINE

TLE237 TLE238

201+75
68.60'

STH 67 R/L = EAST LINE OF THE SE 1/4 SEC. 13-2-16

STH 67 STA 196+80.76 =
SECTION CORNER 216091

WisDOT 216091
QUARTER SEC. COR.
ALUM DOT CAP
Y 348780.92
X 763183.76

N89°17'07"E 2608.05'

234.23'
234.24'
494.24'
260.00'
364.91'
144.79'
120.25'
N4°04.08"E PL
40' 70'
165'
25'
60.00'
60.75'
196+80.76
PRW505
TLE229
197+50
85'
TLE230
198+00.07
60'
PROP317
199+15
60.85'
TLE232
TLE231
N89°17'54"E 60.00'
100'
SLOPE INTERCEPTS
PRIVATE SANITARY SEWER EASEMENT
19 TLE SLOPES

STH 67
N00°42'06"W 2639.68'

LOT 1 CSM#2922
V.15/P.180

SW – SW

NW – SW

TOWN OF GENEVA

TLE240 TLE241
TLE239
222+00
65.50'
223+20.32
64.75'
25 TLE SLOPES
15'
40'
50.00'
N89°17'54"E
120.35'
120.44'
50'
140'
WILLOW BEND RD. WEST QUARTER LINE

WisDOT 216078
QUARTER SEC.COR.
CONC. MON. W/
BRASS CAP
Y 351420.40
X 763151.44

MATCH LINE SEE SHEET 4.04

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
STH 67	DEED, DOC#656049, V.79/P.378	60'	1972
STH 67	DEED, DOC#656050, V.79/P.379	60'	1972
STH 67	DEED, DOC#656029, V.70/P.349	60'	1972
THEATRE RD.	HWY PROJECT 3325-2-21	60'	1973
WILLOW BEND RD.	HWY PROJECT 3325-2-21	40'	1973
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	PLAT OF SURVEY, 64-067-0239-01, LOG#1570		
STH 67	HWY PROJECT 3325-2-21	1973	
STH 67	DEED, DOC#663211, V.91/P.28	1973	
STH 67	DEED, DOC#665812, V.347/P739	1973	

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

NOTES:
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RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

NOTE:
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 916482, OF TRANSPORTATION PROJECT PLATS IN THE WALWORTH COUNTY REGISTER OF DEEDS.

THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: ROBERT L. DUFFECK PLS

FILE NAME : N:±PDS±C3D±ROW±33250121±4.03A1.DWG PLOT DATE : 2/2/2017 12:43 PM PLOT BY : SCHMIDT, STEVEN PLOT NAME : _____ PLOT SCALE : 1" = 200'

CONST.3325-01-71 R/W 3325-01-21 4.03 AMENDMENT NO. 1

CAB D SLIDE 193

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 - 4.03

THAT PART OF THE NE 1/4 - SE 1/4 AND THE SE 1/4 - SE 1/4, SECTION 13, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF THE SW 1/4 - SW 1/4, SECTION 18 TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.

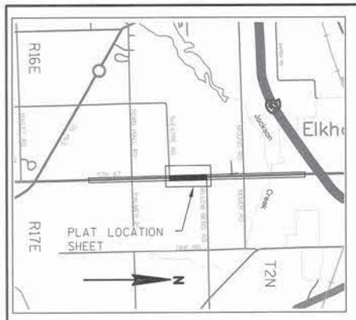
RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

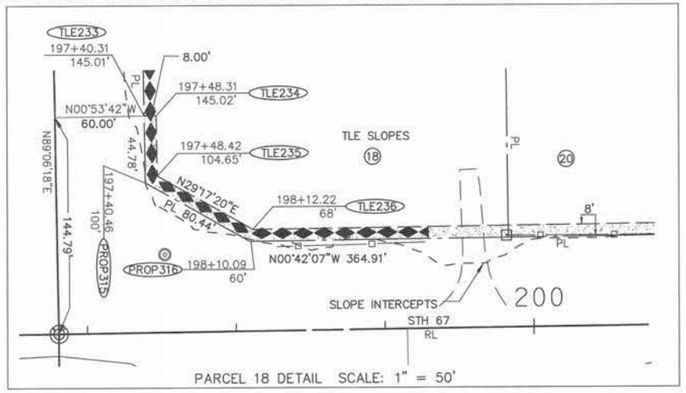
Doc # 919264
Recorded
January 26, 2016 12:45 PM
FILED
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.03
AMENDMENT NO: ___



LOCATION SKETCH NOT TO SCALE

SCALE, FEET
0 100 200



PARCEL 18 DETAIL SCALE: 1" = 50'

SCHEDULE OF LANDS & INTERESTS REQUIRED

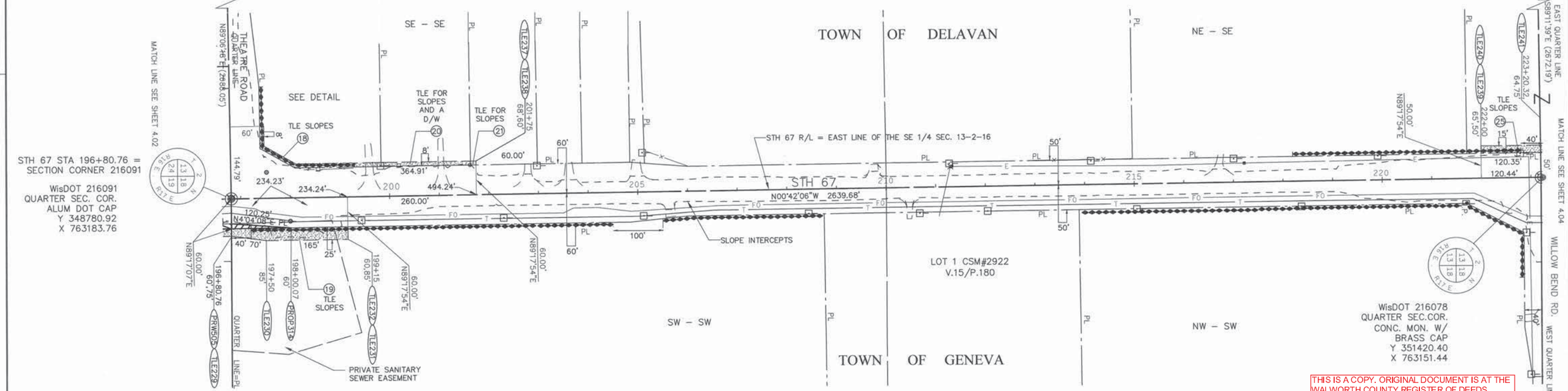
PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
18	FULLER LIVING TRUST, RICHARD F. & JOANNA R. FULLER, TRUSTEES	T.L.E.				0.05
19	HWY 67 FARM, LLC	FEE,T.L.E.	0.01		0.01	0.13
20	MARIE HERST	T.L.E.				0.03
21	DALE L. REED a/k/a DALE LAVERN REED AND VIRGINIA A. REED, a/k/a VIRGINIA ANNE REED, LIFE ESTATE AND RORY A. REED, TRACEY L. REED AND KRISTI L. ZANDT, AS JOINT TENANTS	T.L.E.				0.01
25	ALAN & JOANNA VAN DYKE, REV. TRUST ALAN & JOANNA VAN DYKE, CO-TRUSTEES	T.L.E.				0.04

WisDOT 21077
QUARTER SEC.COR.
2" PIPE WITH
COUNTY CAP
Y 351382.82
X 760479.51

WisDOT 216090
QUARTER SEC. COR.
COUNTY MON.
Y 348738.84
X 760495.94

WEST LINE OF THE SE 1/4 SEC. 13-2-16 N00°21'30"W (2643.94')

STH 67 STA 223+20.44 =
SECTION CORNER 216078



STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
STH 67	DEED, DOC#656049, V.79/P.378	60'	1972
STH 67	DEED, DOC#656050, V.79/P.379	60'	1972
STH 67	DEED, DOC#656029, V.70/P.349	60'	1972
THEATRE RD.	HWY PROJECT 3325-2-21	60'	1973
WILLOW BEND RD.	HWY PROJECT 3325-2-21	40'	1973
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	PLAT OF SURVEY, 64-067-0239-01, LOC#1570		
STH 67	HWY PROJECT 3325-2-21		1973
STH 67	DEED, DOC#663211, V.91/P.28		1973
STH 67	DEED, DOC#665812, V.34/P.139		1973

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

NOTE:
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 916482, OF TRANSPORTATION PROJECT PLATS IN THE WALWORTH COUNTY REGISTER OF DEEDS.

THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

SIGNATURE: Steven Schmidt DATE 01/19/16
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: Robert L. Duffeck DATE 01/19/16
PRINT NAME: ROBERT L. DUFFECK PLS

FILE NAME : N:±PDS±C3D±ROW±3325012l±4.03.DWG PLOT DATE : 1/15/2016 1:18 PM PLOT BY : SCHMIDT, STEVEN PLOT NAME : ---------- PLOT SCALE : 1" = 200'

CONST.3325-01-71 R/W 3325-01-21 4.03

CAB D SLIDE 194

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 - 4.04

THAT PART OF THE NE 1/4 - NE 1/4 AND THE SE 1/4 - NE 1/4, SECTION 13, TOWN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN, AND ALSO THAT PART OF THE NW 1/4 - NW 1/4, SECTION 18, TOWN 2 NORTH, RANGE 17 EAST, TOWN OF GENEVA, WALWORTH COUNTY, WISCONSIN.

RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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LOCATION SKETCH NOT TO SCALE

Doc # 919269
Recorded
January 26, 2016 12:45 PM
FILED
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amounts: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.04
AMENDMENT NO: ____

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
25	ALAN & JOANNA VAN DYKE, REV. TRUST ALAN & JOANNA VAN DYKE, CO-TRUSTEES	T.L.E.				0.15
26	JAMIE STILLING STEP	FEE,T.L.E.	0.16		0.16	0.10
27	BRIAN A. KLEAN	FEE,T.L.E.	0.12		0.12	0.13
28	WILLIAM P. LANO	T.L.E.				0.01

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

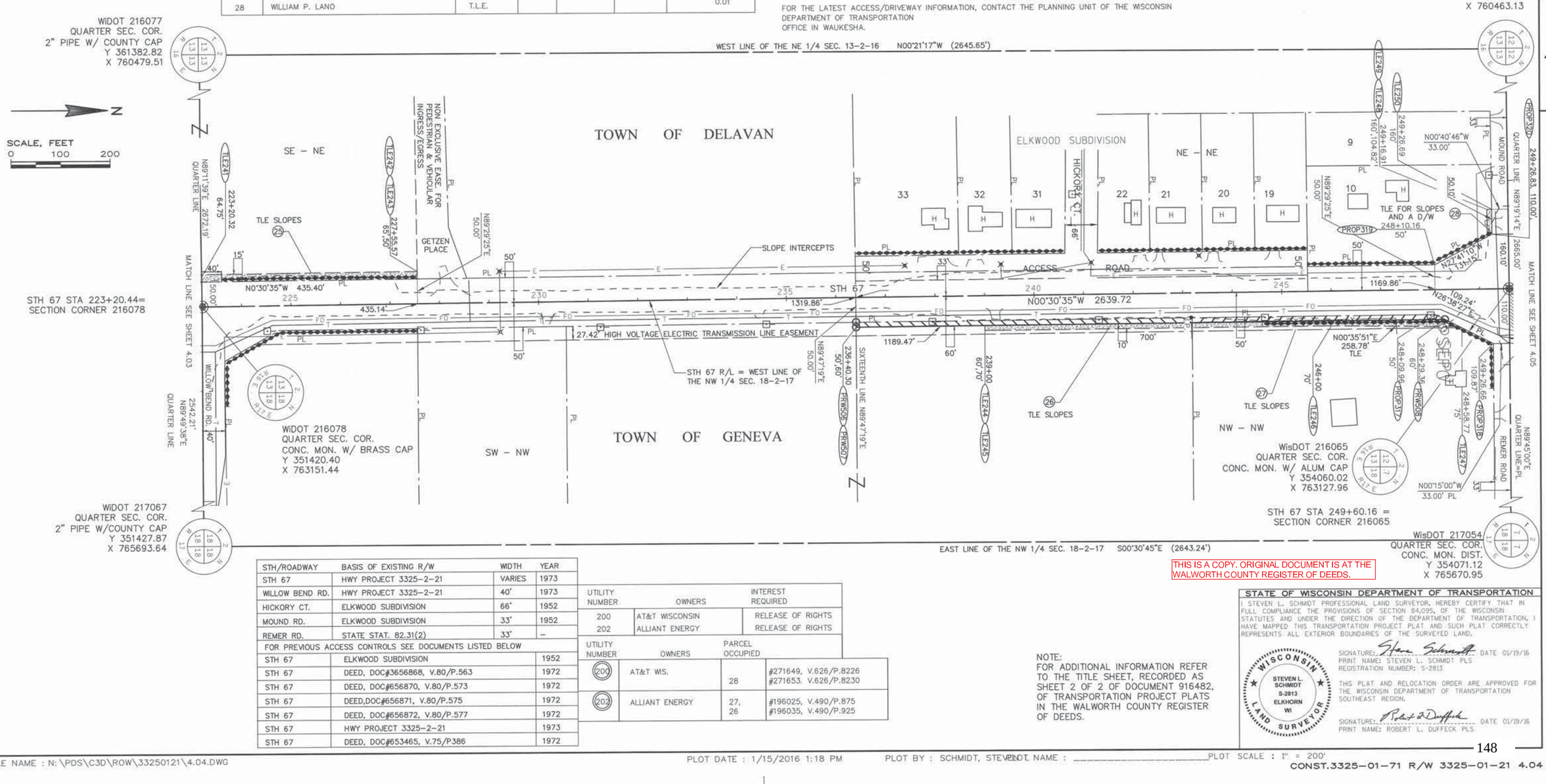
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

NOTE:
FOR THE NORTH CORNER OF SECTION 13-2-16; THE MONUMENT IS DESTROYED. A TEMPORARY SPIKE THAT WAS SET USING A BEST FIT OF THE FIELD TIES. THE COORDINATES REFLECT THIS TEMPORARY SPIKE.

WisDOT 216064
QUARTER SEC. COR.
12" SPIKE SET.
Y 354028.42
X 760463.13

WiDOT 216077
QUARTER SEC. COR.
2" PIPE W/ COUNTY CAP
Y 361382.82
X 760479.51

WEST LINE OF THE NE 1/4 SEC. 13-2-16 N00°21'17"W (2645.65')



EAST LINE OF THE NW 1/4 SEC. 18-2-17 S00°30'45"E (2643.24')

THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
WILLOW BEND RD.	HWY PROJECT 3325-2-21	40'	1973
HICKORY CT.	ELKWOOD SUBDIVISION	66'	1952
MOUND RD.	ELKWOOD SUBDIVISION	33'	1952
REMER RD.	STATE STAT. 82.31(2)	33'	-
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	ELKWOOD SUBDIVISION		1952
STH 67	DEED, DOC#3656868, V.80/P.563		1972
STH 67	DEED, DOC#656870, V.80/P.573		1972
STH 67	DEED,DOC#656871, V.80/P.575		1972
STH 67	DEED, DOC#656872, V.80/P.577		1972
STH 67	HWY PROJECT 3325-2-21		1973
STH 67	DEED, DOC#653465, V.75/P386		1972

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
200	AT&T WISCONSIN	RELEASE OF RIGHTS
202	ALLIANT ENERGY	RELEASE OF RIGHTS

UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	
(200)	AT&T WIS.	28	#271649, V.626/P.8226 #271653. V.626/P.8230
(202)	ALLIANT ENERGY	27, 26	#196025, V.490/P.875 #196035, V.490/P.925

NOTE:
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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SIGNATURE: Steven Schmidt DATE 01/19/16
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: Robert L. Dufffeck DATE 01/19/16
PRINT NAME: ROBERT L. DUFFECK PLS

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

FILE NAME : N:\PDS\C3D\ROW\33250121\4.04.DWG PLOT DATE : 1/15/2016 1:18 PM PLOT BY : SCHMIDT, STEVE PLOT NAME : _____ PLOT SCALE : 1" = 200'

CONST.3325-01-71 R/W 3325-01-21 4.04

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 – 4.05 AMENDMENT NO. 1

AMENDS TRANSPORTATION PROJECT PLAT 3325-01-21-4.05 RECORDEDED AS DOCUMENT 919266 BY REVISING UTILITY EASEMENT DATA AND ADDING UTILITY NUMBER 204.

THAT PART OF LOT 1, CSM 592 LOCATED IN AND INCLUDING PART OF THE SE 1/4 – SE 1/4 AND ALSO PART OF THE NE 1/4 – SE 1/4, SECTION 12 IN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN; ALSO THAT PART OF THE NE 1/4 – SE 1/4 OF SECTION 12, TOWN 2 NORTH RANGE 16 EAST, CITY OF ELKHORN; AND ALSO THAT PART OF LOT 1 CSM 2887, LOCATED IN THE SW 1/4 – SW 1/4, SECTION 7, TOWN 2 NORTH, RANGE 17 EAST, CITY OF ELKHORN, WALWORTH COUNTY, WISCONSIN.

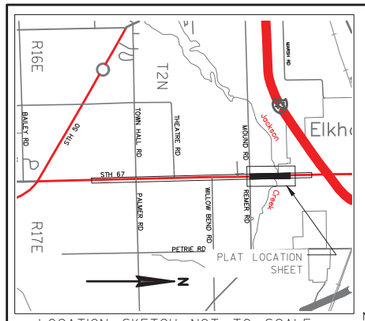
RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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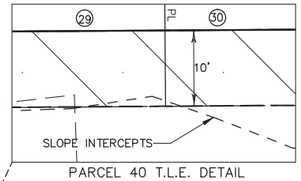
Doc # 941444
Recorded
February 14, 2017 12:00 PM
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.05
AMENDMENT NO: 1



LOCATION SKETCH NOT TO SCALE

NOTE:
FOR THE NORTH CORNER OF SECTION 13-2-16; THE MONUMENT IS DESTROYED. A TEMPORARY SPIKE THAT WAS SET USING A BEST FIT OF THE FIELD TIES. THE COORDINATES REFLECT THIS TEMPORARY SPIKE.

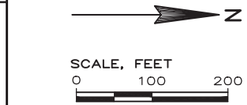


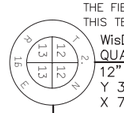
PARCEL 40 T.L.E. DETAIL
SCALE 1" = 20'

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

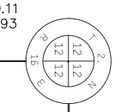
PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES	P.L.E. ACRES
29	COVINGTON COURT APTS., LLC	P.L.E.					0.01
30	COVINGTON COURT APTS., LLC	P.L.E.					0.04
31	WYATT A. SHODEEN TRUST	P.L.E.					0.08
32	HIGH HOPES HILL II, LLC	P.L.E.,T.L.E.				0.30	0.02
33	ARLINGTON INVESTMENTS WI-VI LIMITED PARTNERSHIP	T.L.E.				0.01	
34	TASCH DEVELOPMENT CORP	T.L.E.				0.20	





WisDOT 217XXX
QUARTER SEC. COR.
12" SPIKE SET
Y 354028.42
X 760463.13

S00°28'29"E (2640.76')
WEST LINE OF THE SW 1/4 SEC. 12-2-16

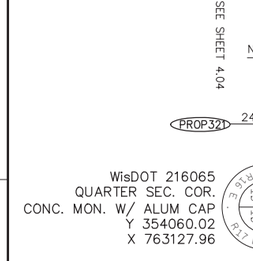


WisDOT 216051
CENTER OF SECTION
CONC. MON W/ALUM CAP
Y 356670.11
X 760446.93

STH 67 STA 275+99.26=
QUARTER LINE

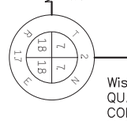


WisDOT 216052
QUARTER SEC. COR.
CONC. MON. W/ALUM CAP
Y 356699.05
X 763109.27



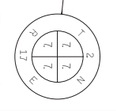
WisDOT 216065
QUARTER SEC. COR.
CONC. MON. W/ ALUM CAP
Y 354060.02
X 763127.96

STH 67 STA 249+60.16 =
SECTION CORNER 216065



WisDOT 217054
QUARTER SEC. COR.
CONC. MON. DIST.
Y 354071.12
X 765670.95

S00°28'29"E (2640.76')
EAST LINE OF THE SW 1/4 SEC. 7-2-17



WisDOT 217041
CENTER OF SECTION.
CONC. MON. W/ ALUM CAP
Y 356711.78
X 765649.08

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
202	ALLIANT ENERGY	RELEASE OF RIGHTS
203	WE ENERGIES ELECTRIC	RELEASE OF RIGHTS
204	AMERICAN TRANSMISSION CO.	RELEASE OF RIGHTS

UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	DOCUMENT VOLUME/PAGE
(202)	ALLIANT ENERGY	31	#196034, V.490/P.921
(203)	WE ENERGIES ELECTRIC	31 33	#678792, V.115/P.182 #366556, V.650/P.3503
(204)	AMERICAN TRANSMISSION CO.	34	#196030, V.490/P.901

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
STH 67	JACKSON CREEK SUBD.	VARIES	1995
MOUND RD.	TOWN RECORD B/14	33'	1843
REMER RD.	JACKSON CREEK SUBD.	40'	1995
GRANT ST.	JACKSON CREEK SUBD.	70'	1995
MORRISEY RD.	CSM#2992, DOC#383601, V.16/P.39	33'	1998
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	HWY PROJECT 3325-2-21		1973
STH 67	DEED, DOC#652792, V.74/P.486		1972
STH 67	DEED, DOC#653262, V.75/P.103		1972
STH 67	JACKSON CREEK SUBD.		1995
STH 67	CSM#3808, DOC#643482, V.23/P.73		2004

NOTE:
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THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

WISCONSIN
STEVEN L. SCHMIDT
S-2813
ELKHORN
WI
LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: ROBERT L. DUFFECK PLS

FILE NAME : N:\PDS\C3D\ROW\33250121\4.05A1.DWG PLOT DATE : 2/2/2017 12:48 PM PLOT BY : SCHMIDT, STEVEN PLOT NAME : _____ PLOT SCALE : 1" = 200'

CONST.3325-01-71 R/W 3325-01-21 4.05 AMENDMENT NO. 1

CABD SLIDE 195

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 - 4.05

THAT PART OF LOT 1, CSM 592 LOCATED IN AND INCLUDING PART OF THE SE 1/4 - SE 1/4 AND ALSO PART OF THE NE 1/4 - SE 1/4, SECTION 12 IN 2 NORTH, RANGE 16 EAST, TOWN OF DELAVAN; ALSO THAT PART OF THE NE 1/4 - SE 1/4 OF SECTION 12, TOWN 2 NORTH RANGE 16 EAST, CITY OF ELKHORN; AND ALSO THAT PART OF LOT 1 CSM 2887, LOCATED IN THE SW 1/4 - SW 1/4, SECTION 7, TOWN 2 NORTH, RANGE 17 EAST, CITY OF ELKHORN, WALWORTH COUNTY, WISCONSIN.

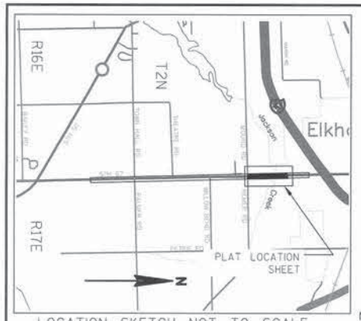
RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT. TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

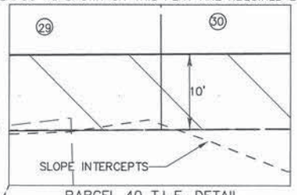
DOC # 919266
Recorded
January 26, 2016 12:45 PM
FILED
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.05
AMENDMENT NO:____



LOCATION SKETCH NOT TO SCALE

NOTE:
FOR THE NORTH CORNER OF SECTION 13-2-16; THE MONUMENT IS DESTROYED. A TEMPORARY SPIKE THAT WAS SET USING A BEST FIT OF THE FIELD TIES. THE COORDINATES REFLECT THIS TEMPORARY SPIKE.

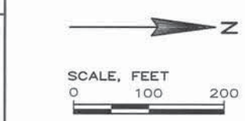


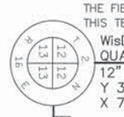
PARCEL 40 T.L.E. DETAIL
SCALE 1" = 20'

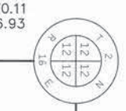
SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

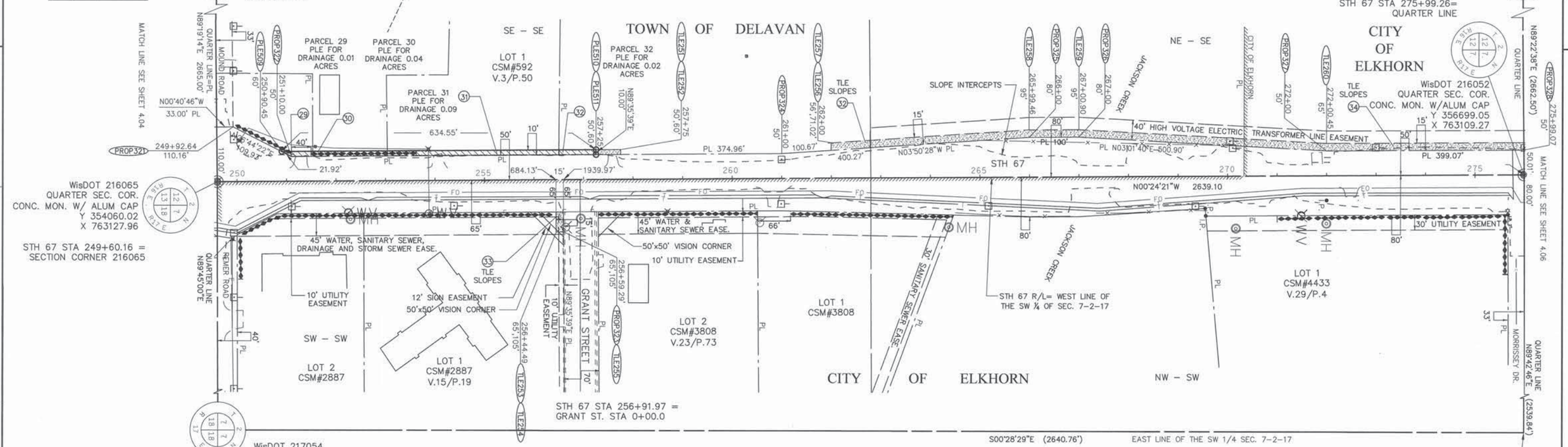
PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES	P.L.E. ACRES
29	COVINGTON COURT APTS., LLC	P.L.E.					0.01
30	COVINGTON COURT APTS., LLC	P.L.E.					0.04
31	WYATT A. SHODEEN TRUST	P.L.E.					0.08
32	HIGH HOPES HILL II, LLC	P.L.E.,T.L.E.				0.30	0.02
33	ARLINGTON INVESTMENTS WI-VI LIMITED PARTNERSHIP	T.L.E.				0.01	
34	TASCH DEVELOPMENT CORP	T.L.E.				0.20	







S00°28'29"E (2640.76')
WEST LINE OF THE SW 1/4 SEC. 12-2-16



UTILITY NUMBER	OWNERS	INTEREST REQUIRED
202	ALLIANT ENERGY	RELEASE OF RIGHTS
203	WE ENERGIES ELECTRIC	RELEASE OF RIGHTS

UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	DOCUMENT VOLUME/PAGE
(202)	ALLIANT ENERGY	31	#196034, V.490/P.921
(203)	WE ENERGIES ELECTRIC	31 33	#678792, V.115/P.182 #366556, V.650/P.3503

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	HWY PROJECT 3325-2-21	VARIES	1973
STH 67	JACKSON CREEK SUBD.	VARIES	1995
MOUND RD.	TOWN RECORD B/14	33'	1843
REMER RD.	JACKSON CREEK SUBD.	40'	1995
GRANT ST.	JACKSON CREEK SUBD.	70'	1995
MORRISEY RD.	CSM#2992, DOC#383601, V.16/P.39	33'	1998
FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW			
STH 67	HWY PROJECT 3325-2-21		1973
STH 67	DEED, DOC#652792, V.74/P.486		1972
STH 67	DEED, DOC#653262, V.75/P.103		1972
STH 67	JACKSON CREEK SUBD.		1995
STH 67	CSM#3808, DOC#643482, V.23/P.73		2004

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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NOTE:
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 916482, OF TRANSPORTATION PROJECT PLATS IN THE WALWORTH COUNTY REGISTER OF DEEDS.

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
STEVEN L. SCHMIDT
S-2813
ELKHORN
WI
LAND SURVEYOR

SIGNATURE: Steven Schmidt DATE 01/19/16
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: Robert L Duffeck DATE 01/19/16
PRINT NAME: ROBERT L. DUFFECK PLS

FILE NAME : N:\PDS\C3D\ROW\33250121\4.05.DWG PLOT DATE : 1/15/2016 1:19 PM PLOT BY : SCHMIDT, STEVEN PLOT NAME : _____ PLOT SCALE : 1" = 200'

CONST.3325-01-71 R/W 3325-01-21 4.05

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 – 4.06 AMENDMENT NO. 1

AMENDS TRANSPORTATION PROJECT PLAT 3325-02-21-4.06 RECORDED AS DOCUMENT 919267 BY REVISING UTILITY EASEMENT DATA.

THAT PART OF LOT 1, CSM 2385 AND ALSO THAT PART OF THE SE 1/4 – NE 1/4, SECTION 12 IN TOWN 2 NORTH, RANGE 16 EAST, CITY OF ELKHORN, AND ALSO THAT PART OF LOT 4, CSM 2385 IN THE NE 1/4 – NE 1/4, SECTION 12, TOWN 2 NORTH, RANGE 16 EAST, CITY OF ELKHORN AND ALSO THAT PART OF LOT 1 OF CSM 3861, LOT 1 CSM 4443, LOCATED IN THE SW 1/4 – NW 1/4, SECTION 7, TOWN 2 NORTH, RANGE 17 EAST, CITY OF ELKHORN, WALWORTH COUNTY, WISCONSIN.

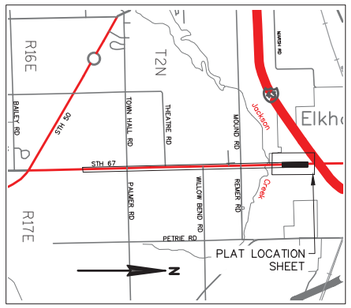
RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

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DOC # 941445
Recorded
February 14, 2017 12:00 PM
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.06
AMENDMENT NO: 1



LOCATION SKETCH NOT TO SCALE

SCALE, FEET
0 100 200

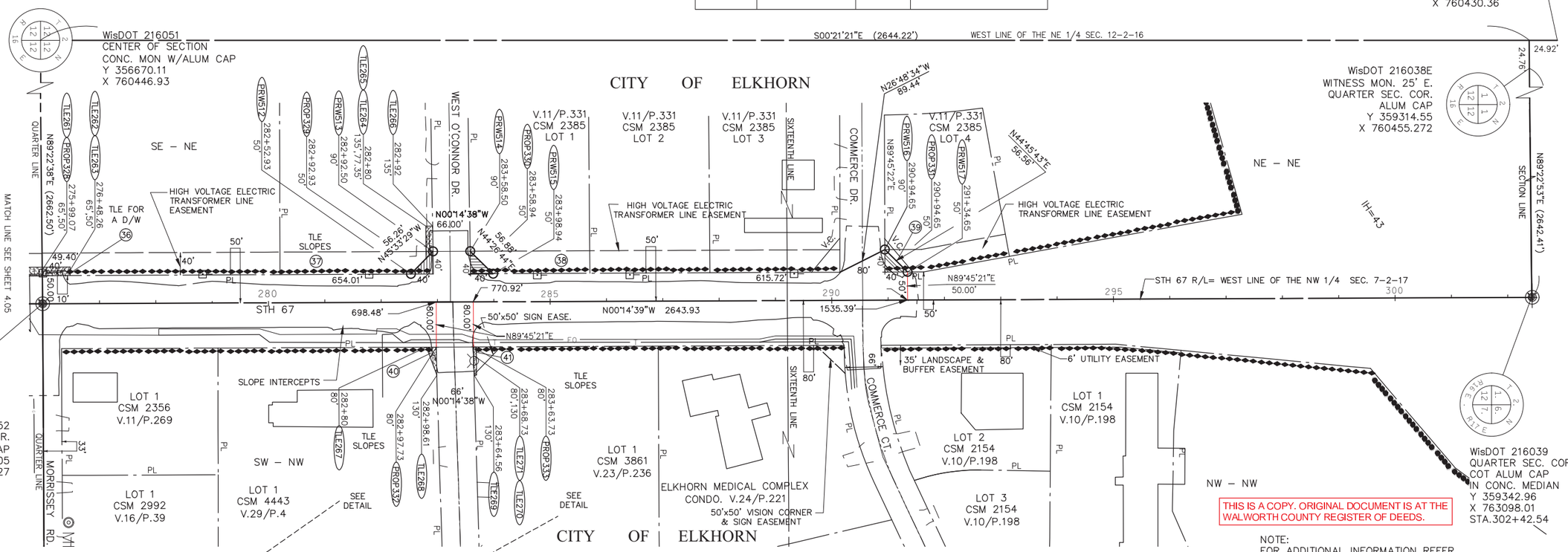
SCHEDULE OF LANDS & INTERESTS REQUIRED

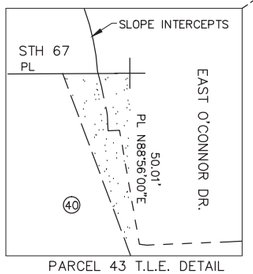
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PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
36	KUNES ELKHORN GM PROPS., LLC	T.L.E.	–	–	–	0.01
37	KUNES ELKHORN C PROP., LLC	FEE,T.L.E.	0.02	–	0.02	0.01
38	PEOPLES BANK	FEE	0.02	–	0.02	–
39	TASCH DEVELOPMENT CORP.	FEE	0.02	–	0.02	–
40	DVM OF ELKHORN, LLP	T.L.E.	–	–	–	0.01
41	IMC DEVELOPMENT, LLC	T.L.E.	–	–	–	0.01

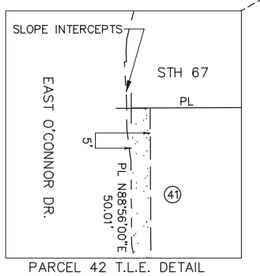
UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	DOCUMENT VOLUME/PAGE
(202)	ALLIANT ENERGY	36	#196026, V.498/P.908
		36	#200272, V.490/P.881
		37	#196026, V.498/P.908
		37	#200272, V.490/P.881
		38	#196032, V.498/P.908
		38	#200272, V.490/P.881
		39	#196032, V.498/P.909

UTILITY NUMBER	OWNERS	INTEREST REQUIRED
202	ALLIANT ENERGY	RELEASE OF RIGHTS





PARCEL 43 T.L.E. DETAIL
SCALE 1" – 20'



PARCEL 42 T.L.E. DETAIL
SCALE 1" = 20'

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR	FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW		
STH 67	HWY PROJECT 1091-3-21	VARIES	1971	IH 43	HWY PROJECT 1091-3-21	1973
IH 43	HWY PROJECT 1091-3-21	VARIES	1971	STH 67-IH 43	DEED, DOC#670408, V.101/P.918	1973
COMMERCE DR.	CSM#2385, DOC#272626, V.11/P.331	66'	1993	STH 67	DEED, DOC#670409, V.101/P.920	1973
COMMERCE CT.	DEED, DOC#232929, V.589/P.400	66'	1992	STH 67	ACCESS COVENANT, DOC#215907, V.529/P.558	1991
W. O'CONNOR DR.	DEED, DOC#272159, V.626/P.9579	66'	1993	STH 67	ACCESS COVENANT, DOC#215881, V.	1991
E. O'CONNOR DR.	DEED, DOC#232929, V.568/P.400	66'	1992	STH 67-IH 43	DEED, DOC#207271, V.512/P.153	1991
MORRISEY RD.	CSM#2366, DOC#267616, V.11/P.269	33'	1993	STH 57	CSM#2385, DOC#272626, V.1/P.331	1993

NOTES:
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: _____ DATE 02/03/17
PRINT NAME: ROBERT L. DUFFECK PLS

CAB D SLIDE 196

TRANSPORTATION PROJECT PLAT NO: 3325-01-21 - 4.06

THAT PART OF LOT 1, CSM 2385 AND ALSO THAT PART OF THE SE 1/4 - NE 1/4, SECTION 12 IN TOWN 2 NORTH, RANGE 16 EAST, CITY OF ELKHORN, AND ALSO THAT PART OF LOT 4, CSM 2385 IN THE NE 1/4 - NE 1/4, SECTION 12, TOWN 2 NORTH, RANGE 16 EAST, CITY OF ELKHORN AND ALSO THAT PART OF LOT 1 OF CSM 3861, LOT 1 CSM 4443, LOCATED IN THE SW 1/4 - NW 1/4, SECTION 7, TOWN 2 NORTH, RANGE 17 EAST, CITY OF ELKHORN, WALWORTH COUNTY, WISCONSIN.

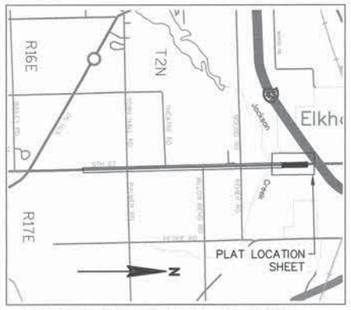
RELOCATION ORDER STH 67 WILLIAMS BAY TO ELKHORN WALWORTH COUNTY

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Doc # 919267
Recorded
January 26, 2016 12:45 PM
FILED
DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3325-01-21-4.06
AMENDMENT NO: ___



LOCATION SKETCH NOT TO SCALE

N

SCALE, FEET
0 100 200

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNERS NAMES SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	T.L.E. ACRES
36	KUNES ELKHORN GM PROPS., LLC	T.L.E.	-	-	-	0.01
37	KUNES ELKHORN C PROP., LLC	FEE,T.L.E.	0.02	-	0.02	0.01
38	PEOPLES BANK	FEE	0.02	-	0.02	-
39	TASCH DEVELOPMENT CORP.	FEE	0.02	-	0.02	-
40	DVM OF ELKHORN, LLP	T.L.E.	-	-	-	0.01
41	IMC DEVELOPMENT, LLC	T.L.E.	-	-	-	0.01

UTILITY NUMBER	OWNERS	INTEREST REQUIRED	
202	ALLIANT ENERGY	RELEASE OF RIGHTS	
UTILITY NUMBER	OWNERS	PARCEL OCCUPIED	DOCUMENT VOLUME/PAGE
(202)	ALLIANT ENERGY	36	#196026, V.498/P.908
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		37	#196026, V.498/P.908
		37	#200272, V.490/P.881
		38	#196032, V.498/P.908
		38	#200272, V.490/P.881
		39	#196032, V.498/P.909

WisDOT 216038N
WITNESS MON. 25' N.
QUARTER SEC. COR.
ALUM CAP
Y 359339.21
X 760430.36

WisDOT 216051
CENTER OF SECTION
CONC. MON W/ALUM CAP
Y 356670.11
X 760446.93

S00°21'21"E (2644.22')
WEST LINE OF THE NE 1/4 SEC. 12-2-16

24.92'
24.76'

WisDOT 216038E
WITNESS MON. 25' E.
QUARTER SEC. COR.
ALUM CAP
Y 359314.55
X 760455.272

CITY OF ELKHORN

V.11/P.331 CSM 2385 LOT 2
V.11/P.331 CSM 2385 LOT 3
V.11/P.331 CSM 2385 LOT 1
V.11/P.331 CSM 2385 LOT 4

SE - NE
NE - NE
SW - NW
NW - NW

QUARTER LINE
N89°22'38"E (2662.50')
N89°22'53"E (2642.41')
SECTION LINE
MATCH LINE SEE SHEET 4.05
STH 67 STA 275+99.26 = QUARTER LINE
STH 67 R/L= WEST LINE OF THE NW 1/4 SEC. 7-2-17
STH 67
IH=43

TLE261 PROP328 TLE262 TLE263 PRW512 PROP329 PRW511 TLE265 TLE264 TLE266 PRW514 PROP330 PRW515 PRW518 PROP331 PRW517 PROP332

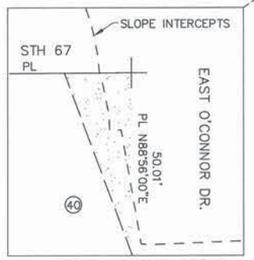
HIGH VOLTAGE ELECTRIC TRANSFORMER LINE EASEMENT
TLE FOR A D/W
TLE SLOPES
WEST O'CONNOR DR.
N00°14'38"W 66.00'
N00°14'39"W 2643.93
N89°45'21"E 50.00'
50'x50' SIGN EASE.
30' UTILITY, WATERMAIN, SANITARY SEWER EASE.
SLOPE INTERCEPTS
SEE DETAIL
SIXTEENTH LINE
COMMERCE DR.
COMMERCE CT.
N26°48'34"W 89.44'
N44°45'43"E 56.56'
N89°45'22"E
35' LANDSCAPE & BUFFER EASEMENT
6' UTILITY EASEMENT
LOT 1 CSM 2356 V.11/P.269
LOT 1 CSM 2992 V.16/P.39
LOT 1 CSM 4443 V.29/P.4
LOT 1 CSM 3861 V.23/P.236
ELKHORN MEDICAL COMPLEX CONDO. V.24/P.221
50'x50' VISION CORNER & SIGN EASEMENT
LOT 1 CSM 2154 V.10/P.198
LOT 2 CSM 2154 V.10/P.198
LOT 3 CSM 2154 V.10/P.198
MORRISSEY RD.
QUARTER LINE

WisDOT 216052
QUARTER SEC. COR.
CONC. MON. W/ALUM CAP
Y 356699.05
X 763109.27

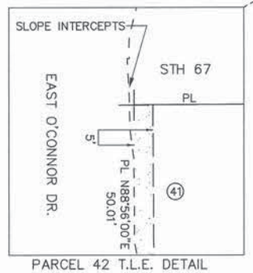
WisDOT 216039
QUARTER SEC. COR.
COT ALUM CAP
IN CONC. MEDIAN
Y 359342.96
X 763098.01
STA.302+42.54

THIS IS A COPY. ORIGINAL DOCUMENT IS AT THE WALWORTH COUNTY REGISTER OF DEEDS.

NOTE:
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 916482, OF TRANSPORTATION PROJECT PLATS IN THE WALWORTH COUNTY REGISTER OF DEEDS.



PARCEL 43 T.L.E. DETAIL
SCALE 1" = 20'



PARCEL 42 T.L.E. DETAIL
SCALE 1" = 20'

STH/ROADWAY	BASIS OF EXISTING R/W	WIDTH	YEAR	FOR PREVIOUS ACCESS CONTROLS SEE DOCUMENTS LISTED BELOW		
STH 67	HWY PROJECT 1091-3-21	VARIES	1971	IH 43	HWY PROJECT 1091-3-21	1973
IH 43	HWY PROJECT 1091-3-21	VARIES	1971	STH 67-IH 43	DEED, DOC#670408, V.101/P.918	1973
COMMERCE DR.	CSM#2385, DOC#272626, V.11/P.331	66'	1993	STH 67	DEED, DOC#670409, V.101/P.920	1973
COMMERCE CT.	DEED, DOC#232929, V.589/P.400	66'	1992	STH 67	ACCESS COVENANT, DOC#215907, V.529/P.558	1991
W. O'CONNOR DR.	DEED, DOC#272159, V.626/P.9579	66'	1993	STH 67	ACCESS COVENANT, DOC#215881, V.	1991
E. O'CONNOR DR.	DEED, DOC#232929, V.568/P.400	66'	1992	STH 67-IH 43	DEED, DOC#207271, V.512/P.153	1991
MORRISEY RD.	CSM#2366, DOC#267616, V.11/P.269	33'	1993	STH 57	CSM#2385, DOC#272626, V.1/P.331	1993

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT BY SOUTHEAST REGION SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

I STEVEN L. SCHMIDT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE THE PROVISIONS OF SECTION 84.095, OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

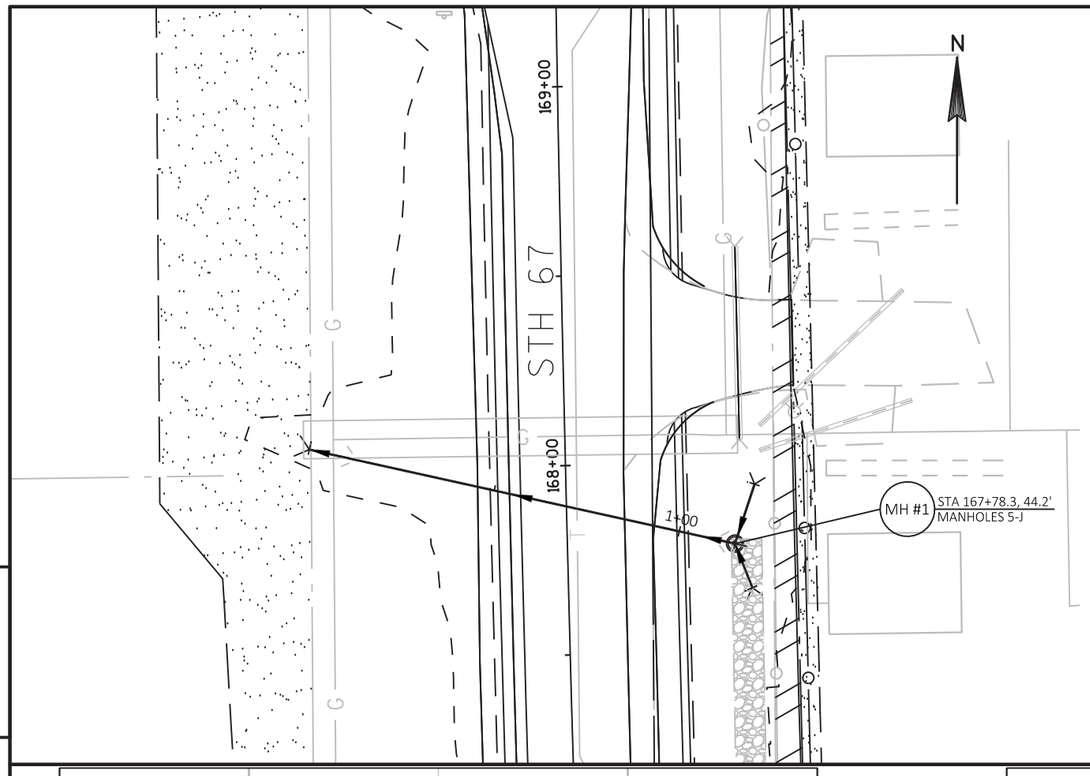
WISCONSIN STEVEN L. SCHMIDT S-2813 ELKHORN WI LAND SURVEYOR

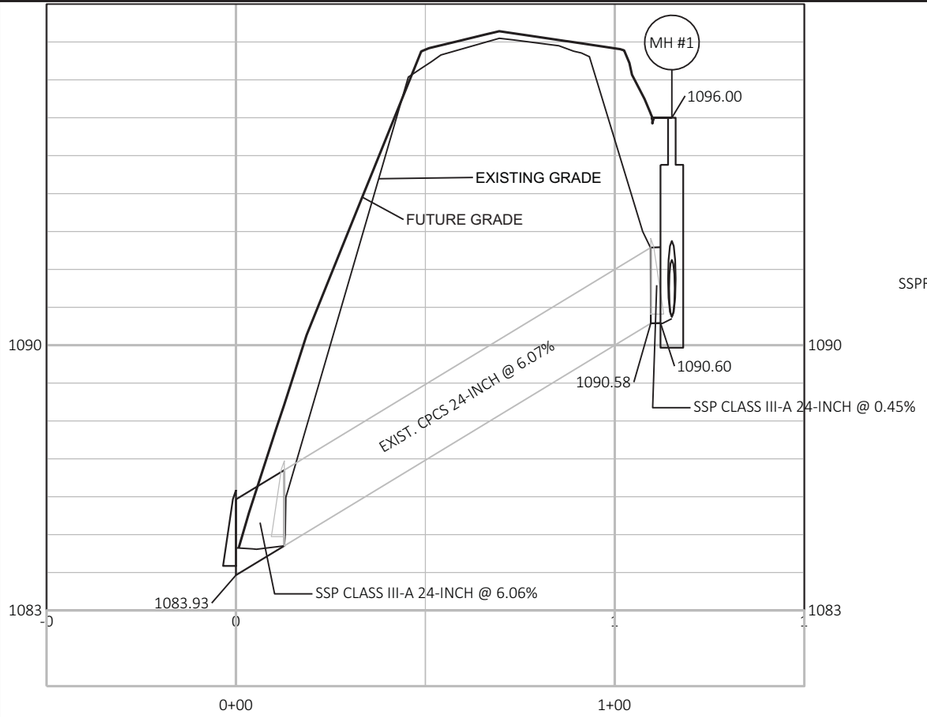
SIGNATURE: _____ DATE 01/19/16
PRINT NAME: STEVEN L. SCHMIDT PLS
REGISTRATION NUMBER: S-2813

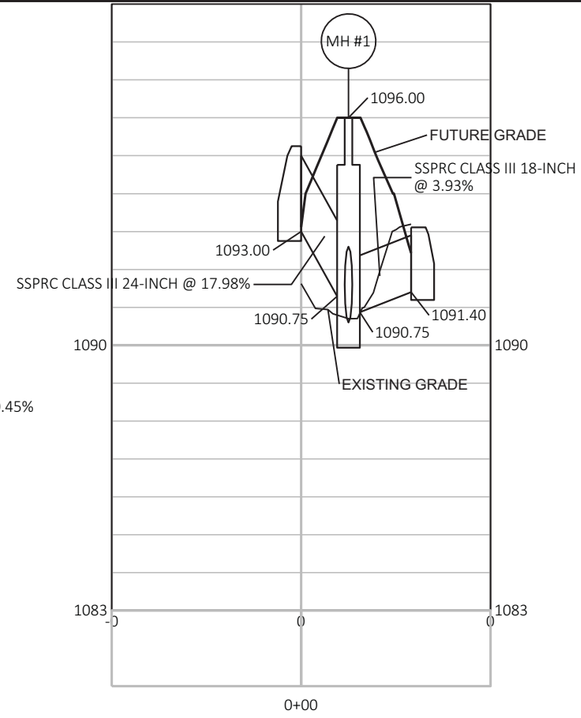
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION.

SIGNATURE: _____ DATE 01/19/16
PRINT NAME: ROBERT L. DUFFECK PLS

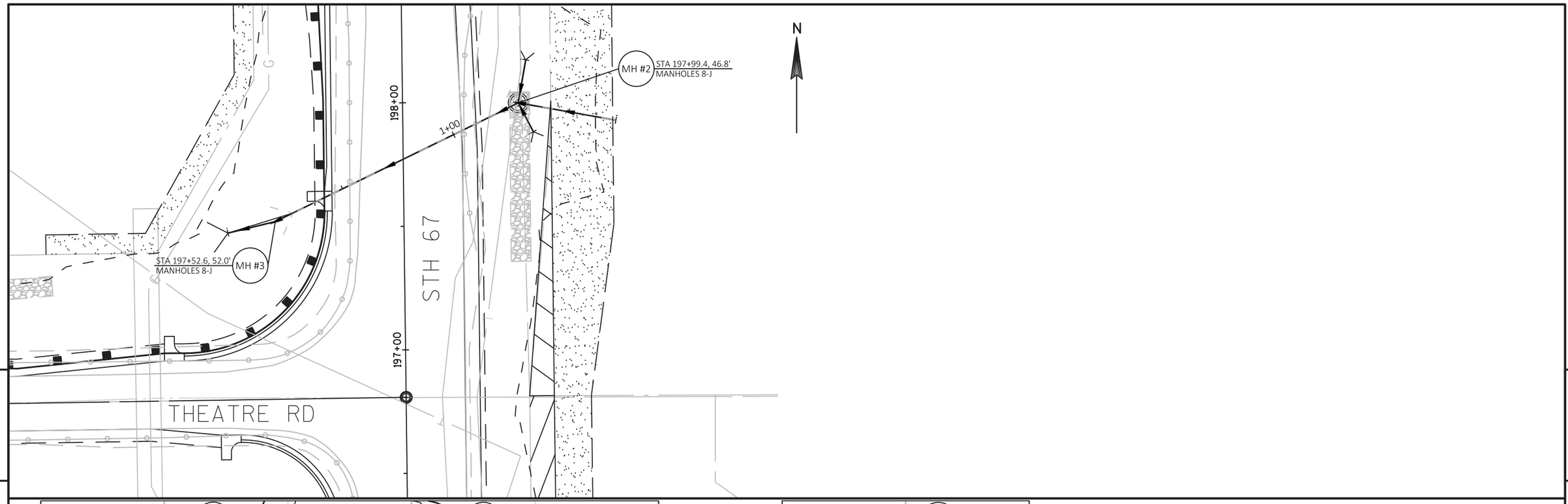
FILE NAME : N:\PDS\C3D\ROW\33250121\4.06.DWG
PLOT DATE : 1/15/2016 1:20 PM
PLOT BY : SCHMIDT, STEVEN L PLOT NAME : _____ PLOT SCALE : 1" = 200'
CONST.3325-01-71 R/W 3325-01-21 4.06

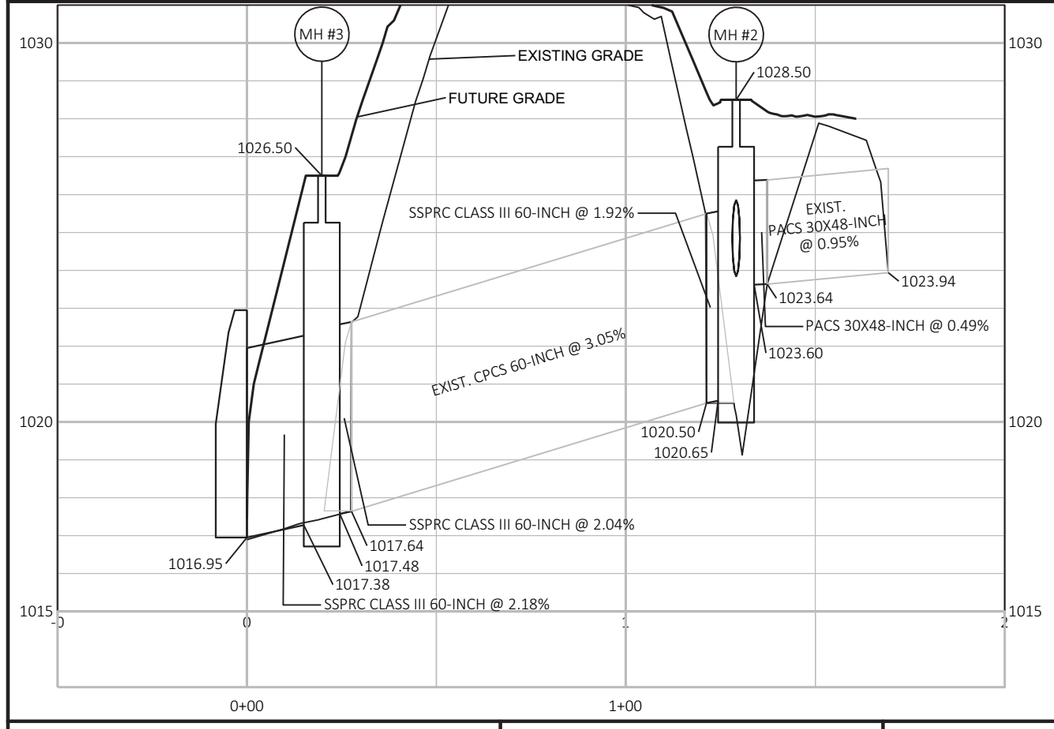


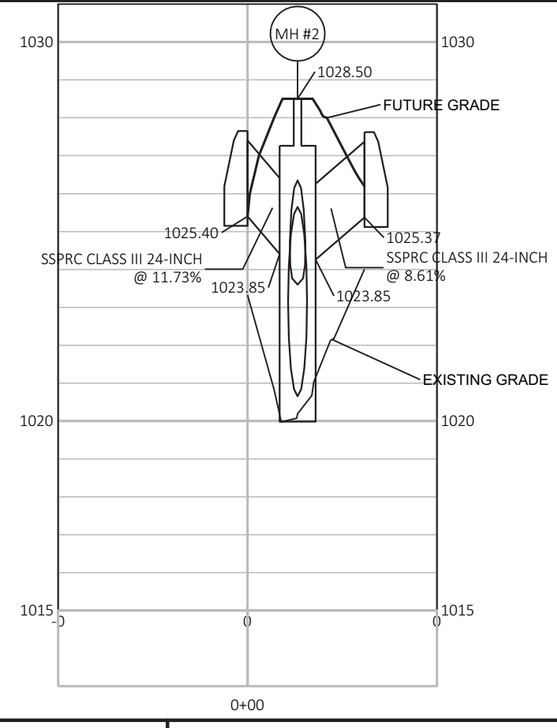




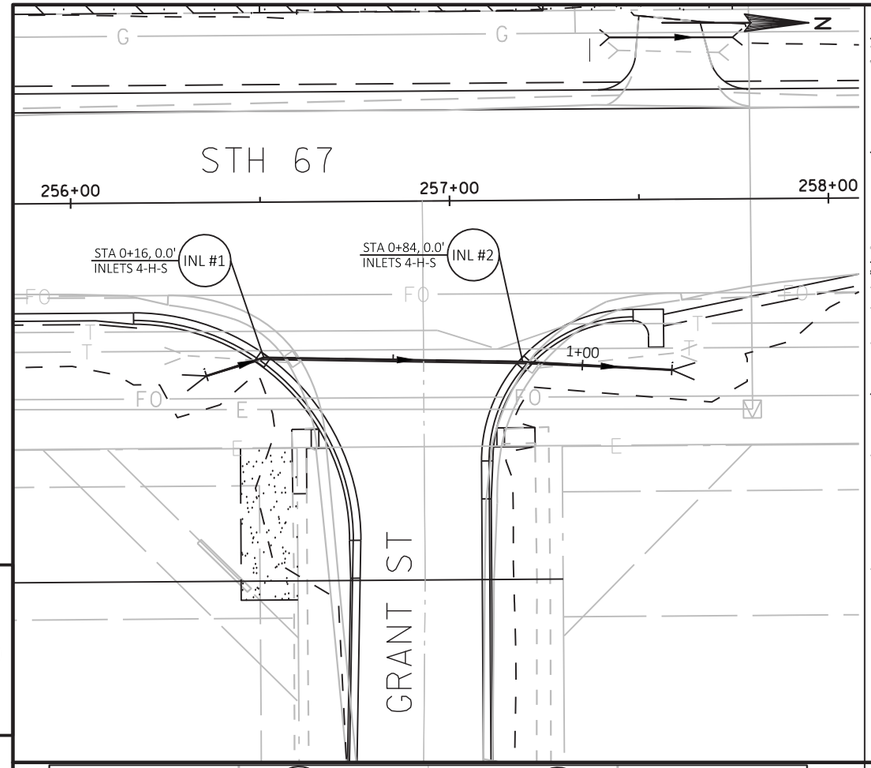
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	STORM SEWER PLAN AND PROFILE	SHEET 153	E

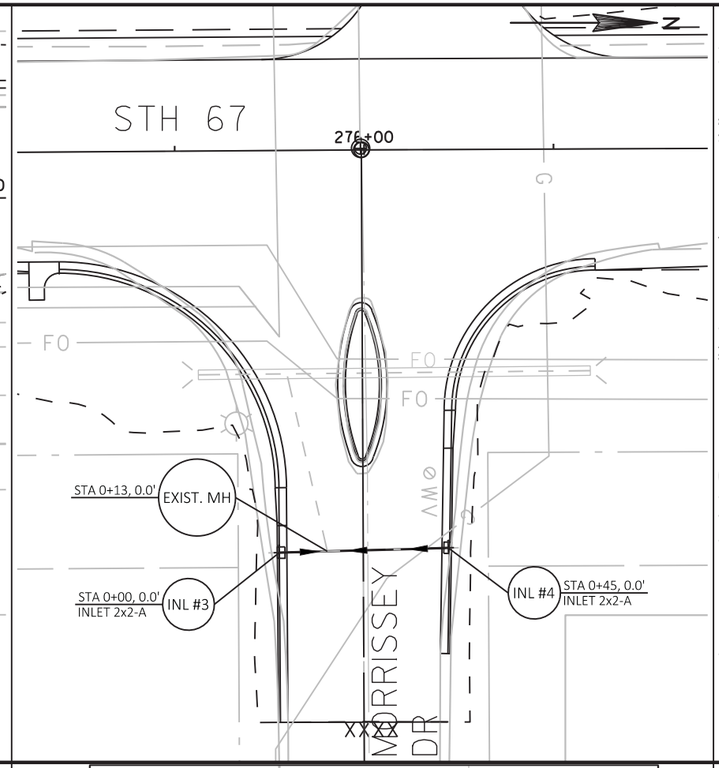


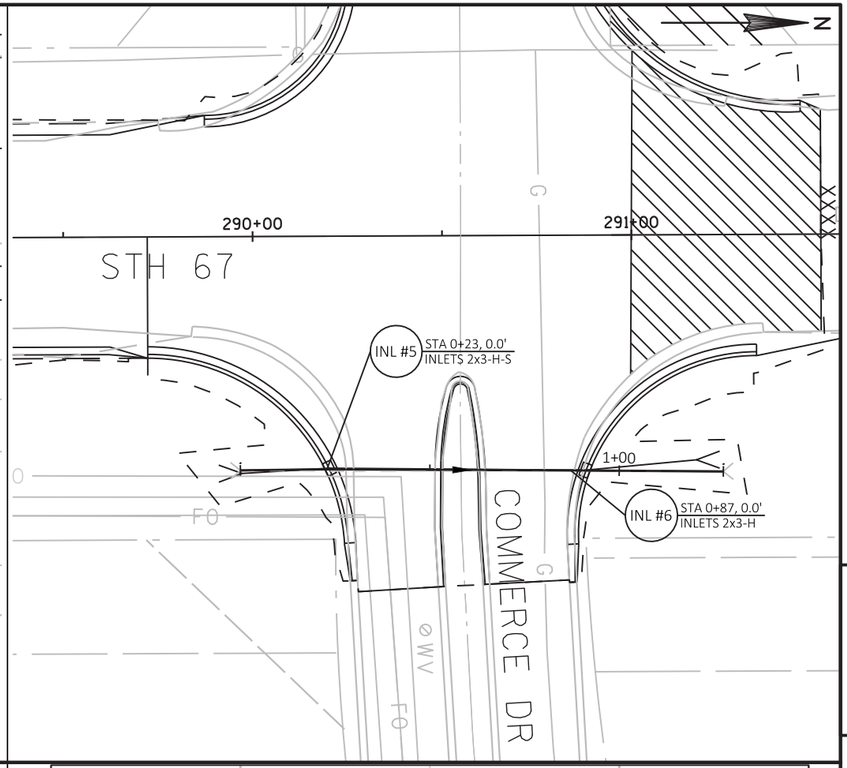


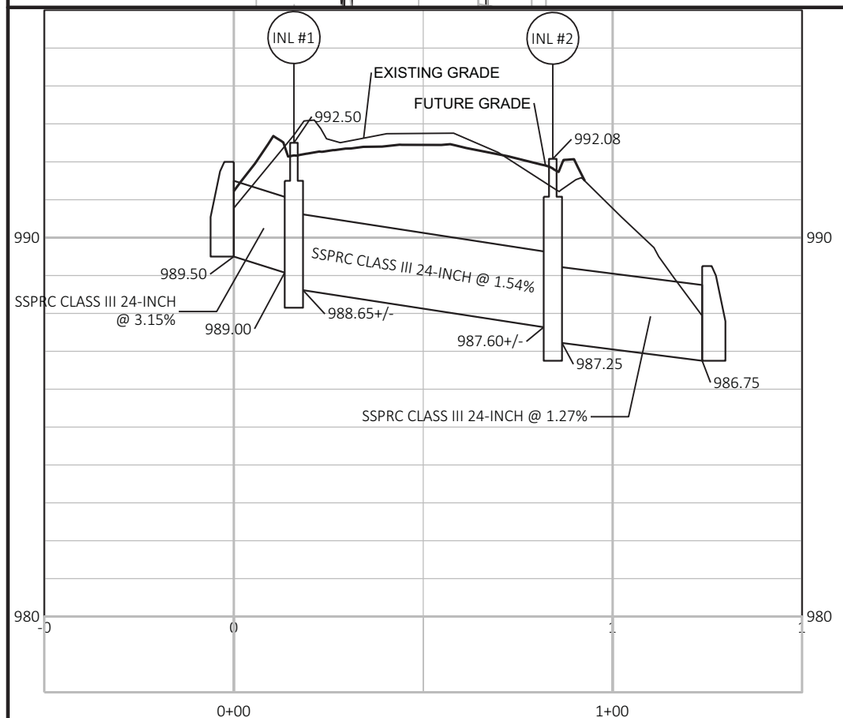


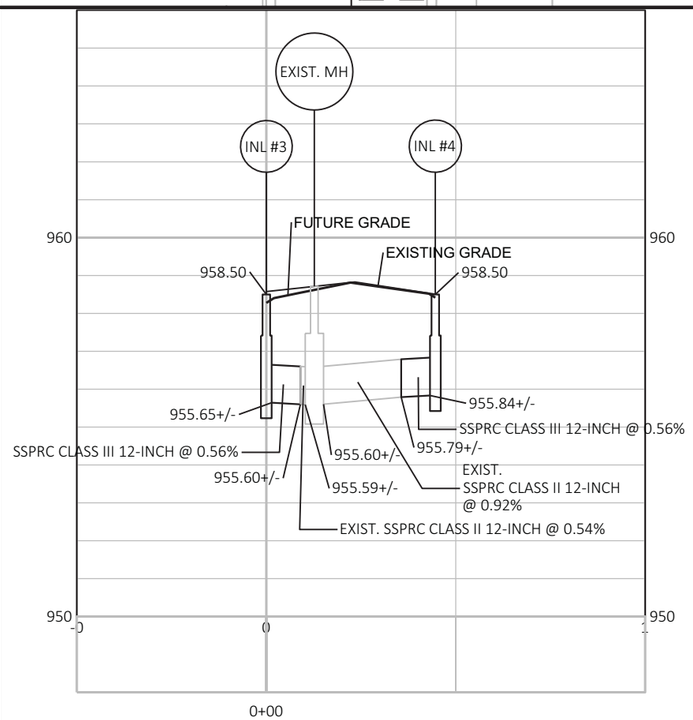
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	STORM SEWER PLAN AND PROFILE	SHEET 154	E

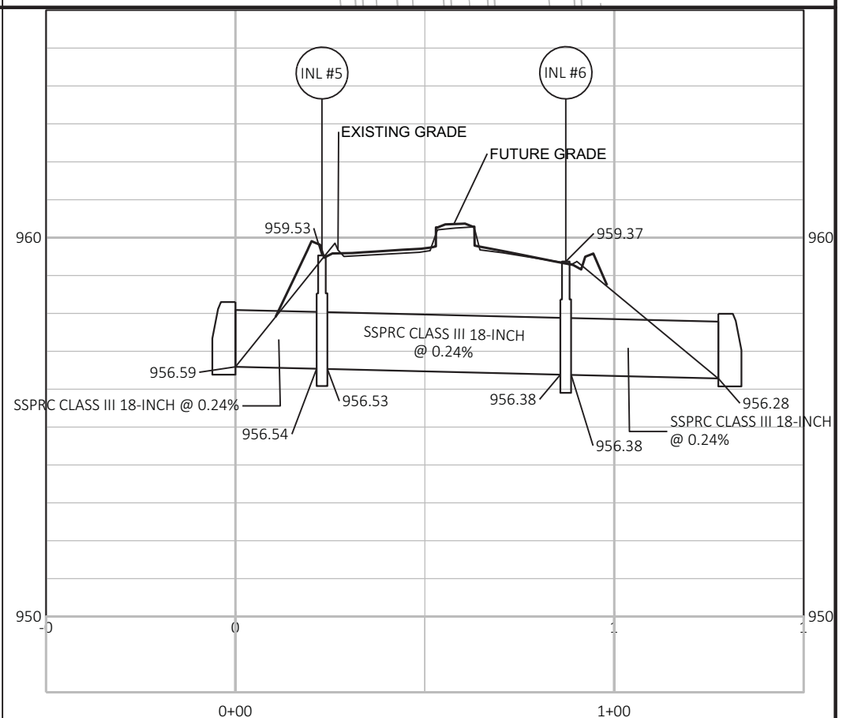












PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	STORM SEWER PLAN AND PROFILE	SHEET 155	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PIPE P&P.DWG
LAYOUT NAME - INLET#1-6

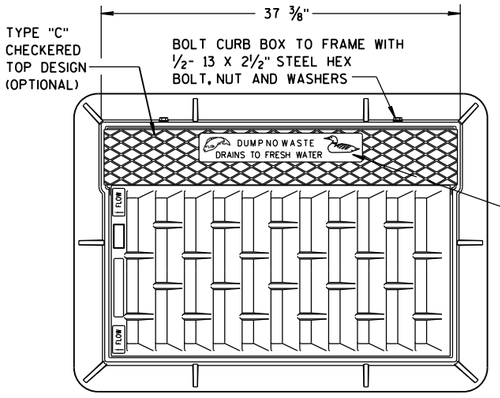
PLOT DATE : 4/28/2017 1:40 PM PLOT BY : RYAN BODENDORFER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

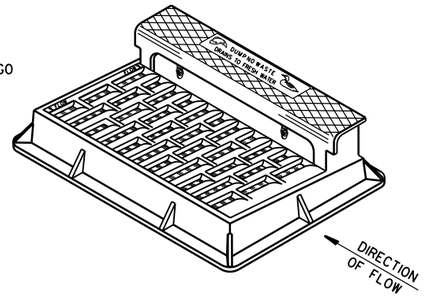
Standard Detail Drawing List

08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-02	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-19	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-18A	CURB RAMPS TYPES 1 AND 1-A
08D05-18B	CURB RAMPS TYPES 2 AND 3
08D05-18C	CURB RAMPS TYPES 4A AND 4A1
08D05-18D	CURB RAMPS TYPE 4B AND 4B1
08D05-18E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D17-06	MANHOLES, MANHOLE & INLET COVERS
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
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
11B02-02	CONCRETE MEDIAN NOSE
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13A08-01	ASPHALTIC RUMBLE STRIPS AT INTERSECTION
13A10-01A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
14B28-03	GUARDRAIL MOW STRIP
14B42-04A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-04B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-04C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-02A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02C	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)
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-03	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C07-13B	PAVEMENT MARKING WORDS
15C07-13C	PAVEMENT MARKING ARROWS
15C07-13E	PAVEMENT MARKING FOR BIKE LANES
15C08-17A	LONGITUDINAL MARKING (MAINLINE)
15C08-17B	PAVEMENT MARKING (TURN LANES)
15C08-17C	PAVEMENT MARKING (ISLANDS)
15C18-03	MEDIAN ISLAND MARKING
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-01A	PAVEMENT MARKING (INTERSECTIONS)

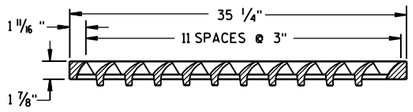
6

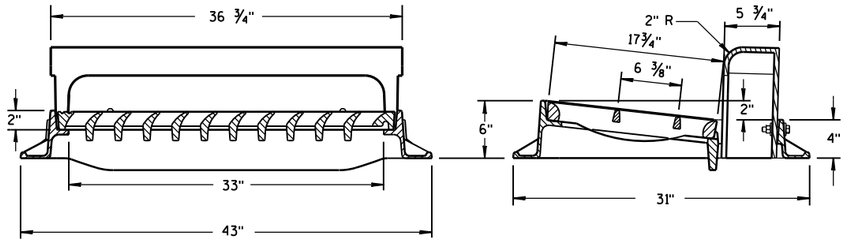


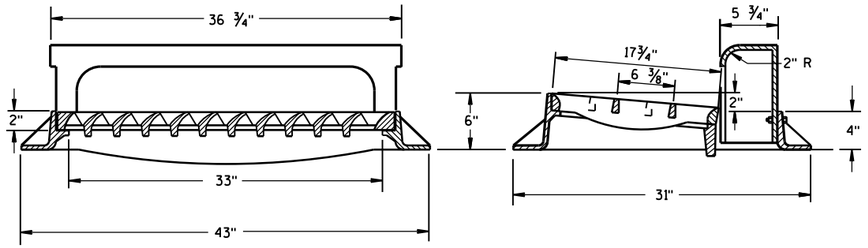
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

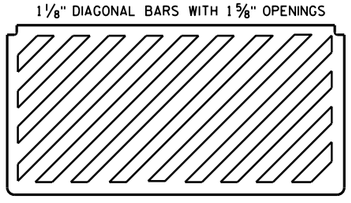






TYPE "H"

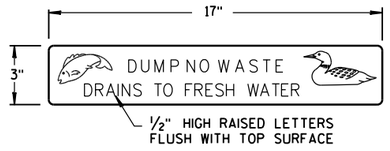
NOTE: EITHER CASTING IS ACCEPTABLE



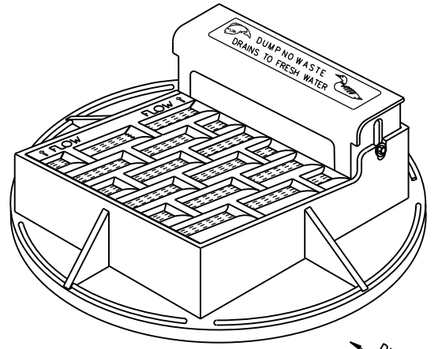
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

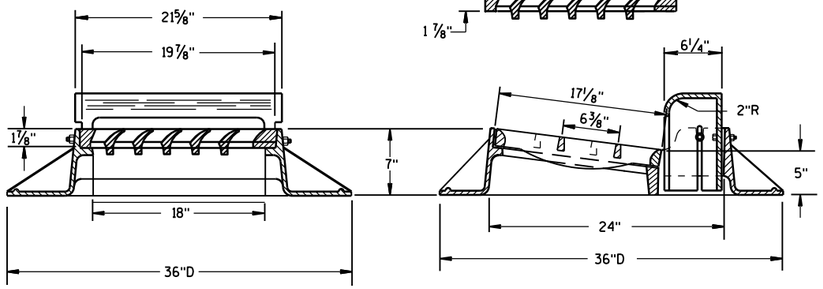


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



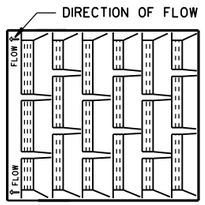
TYPE "A"

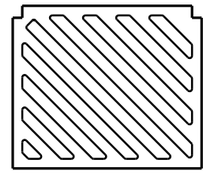
GENERAL NOTES

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.

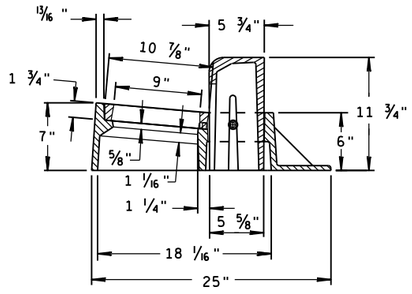


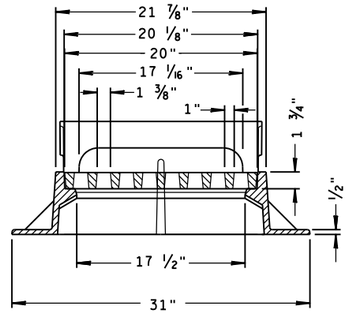


SPECIAL GRATE FOR TYPE "A" COVER

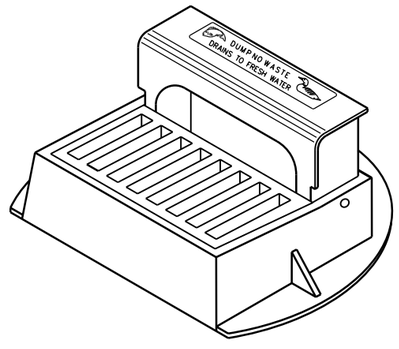
(MEASURES 19 3/4" X 17" X 1 7/8")

(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

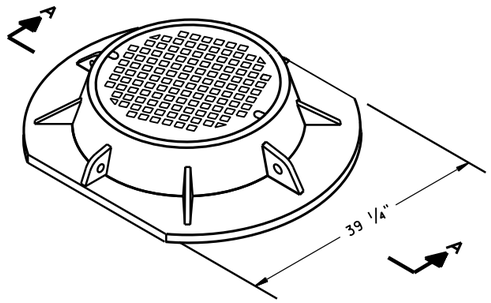
S.D.D. 8 A 5-19a

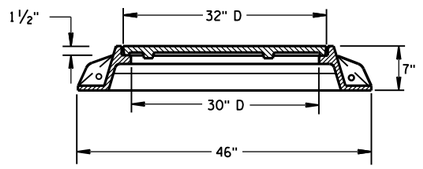
GENERAL NOTES

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.

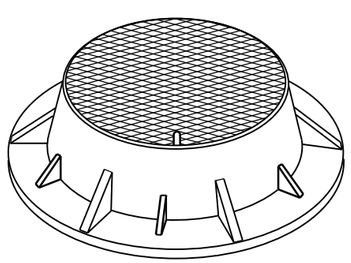
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

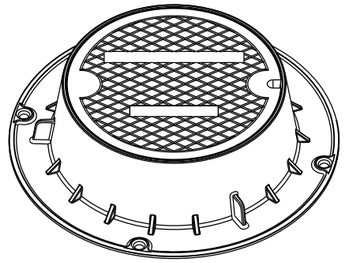
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

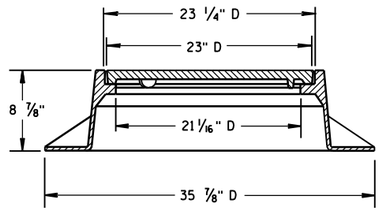


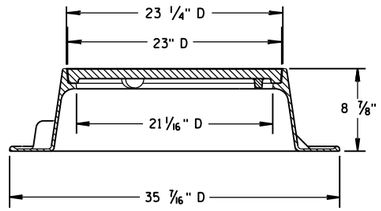


SECTION A-A
TYPE "K"

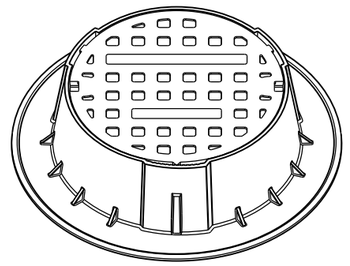


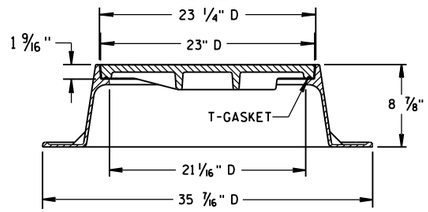


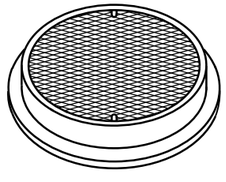


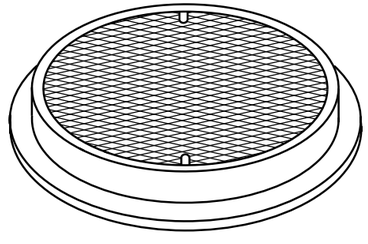


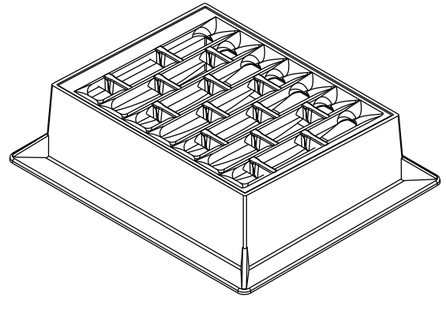
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

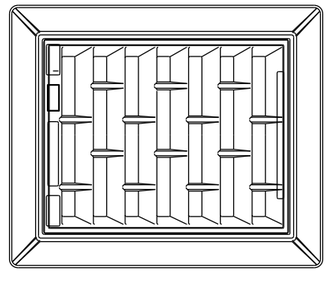


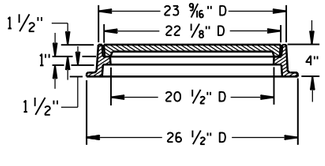




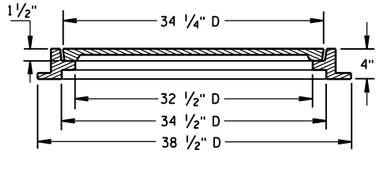




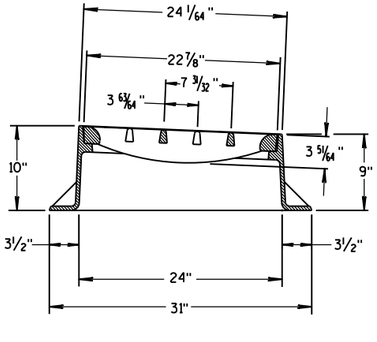


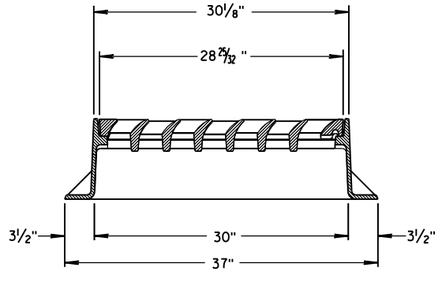


TYPE "L"

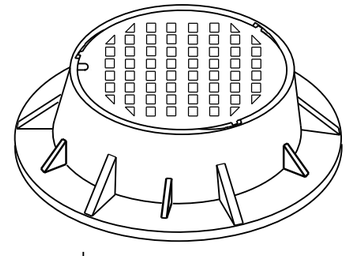


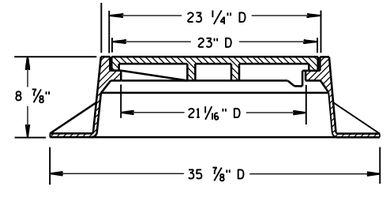
TYPE "M"





INLET COVER TYPE "BW"





TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE

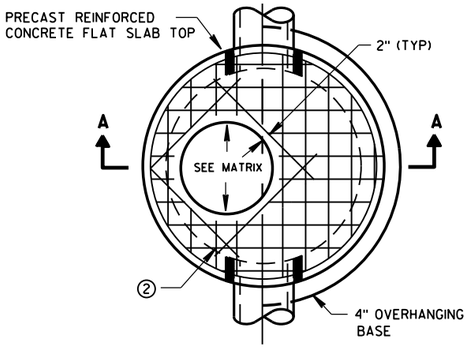
INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

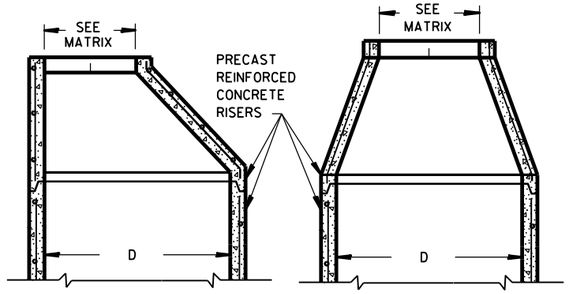
APPROVED
11/27/2013
DATE
FHWA

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

S.D.D. 8 A 5-19d
6

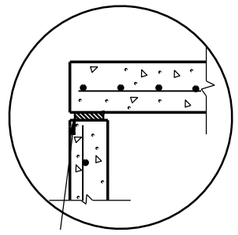


PLAN VIEW CIRCULAR OPENING

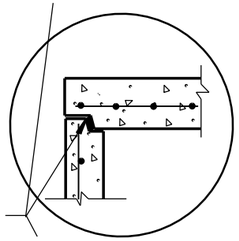


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

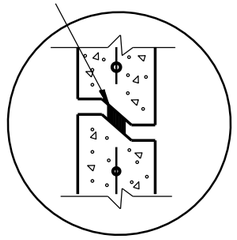


TOP WITH PLAIN END JOINT



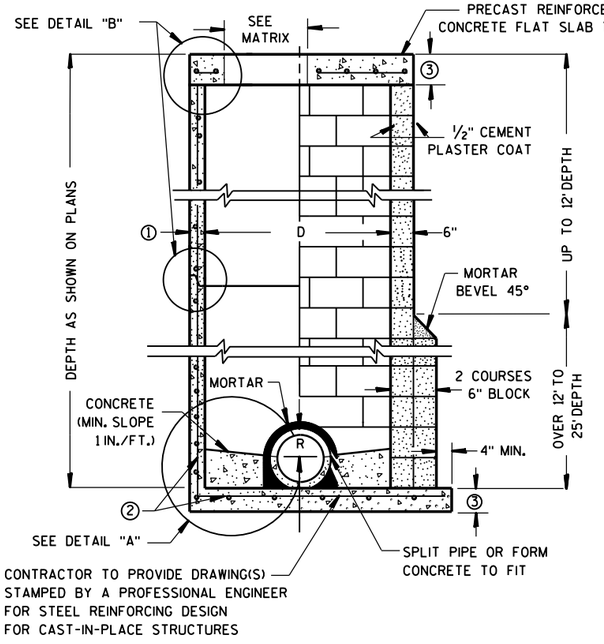
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT



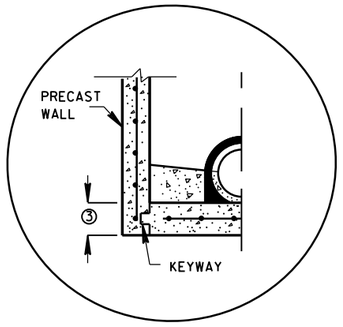
RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

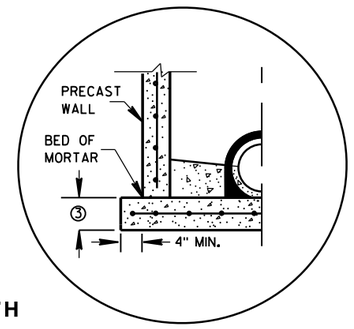


PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

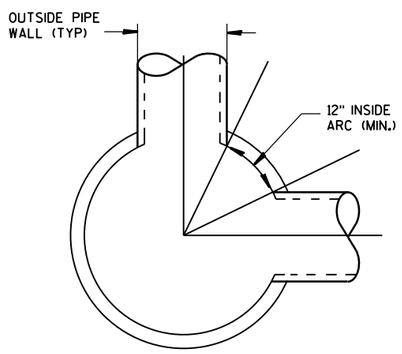


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "C"

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 MANHOLE 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 DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE 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.

PRECAST REINFORCED CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½" AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

4" OVERHANGING BASES ARE REQUIRED FOR ALL 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.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT, 7 INCHES FOR 6-FT, 8 INCHES FOR 7-FT AND 9 INCHES FOR 8-FT DIAMETER PRECAST MANHOLES.

② FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

MANHOLE COVER OPENING MATRIX

MANHOLE COVER TYPE	C	ALL J'S	K	L	M
OPENING SIZE (FT)					
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	36
7-FT	48	36
8-FT	60	42

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2016
DATE

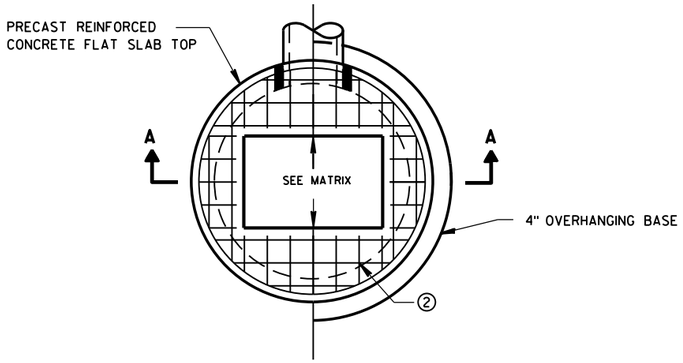
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERV

FHWA

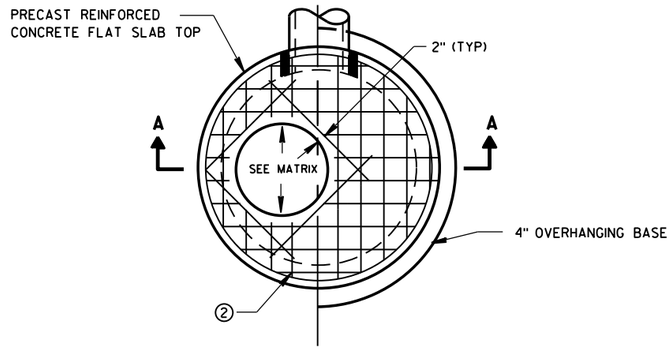
MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER

S.D.D. 8 B 9-2

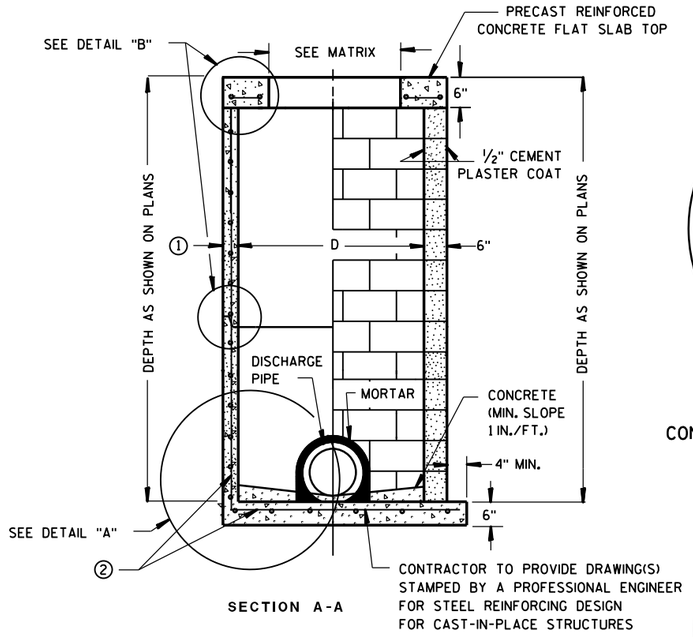
6



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

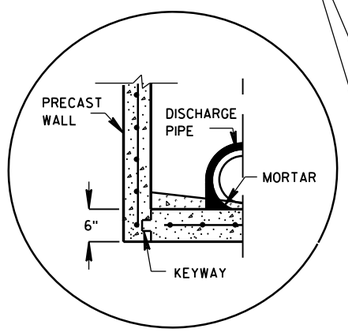


SECTION A-A

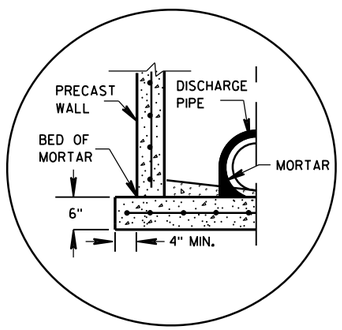
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

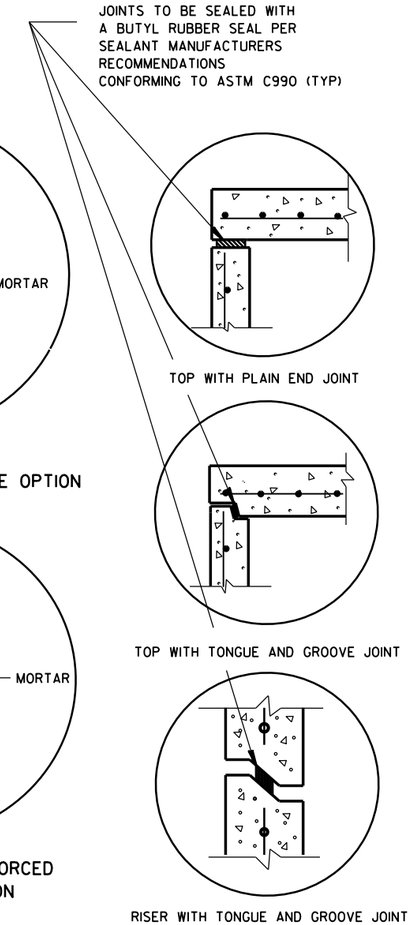


PRECAST REINFORCED
CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED
CONCRETE BASE OPTION

DETAIL "A"



DETAIL "B"

GENERAL NOTES

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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.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL 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.

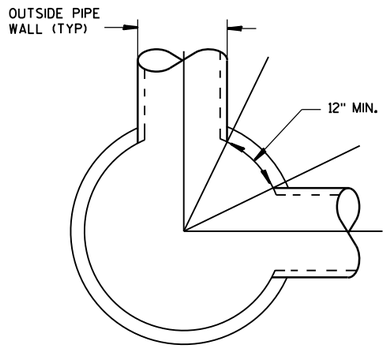
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

INLETS 3-FT
AND 4-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

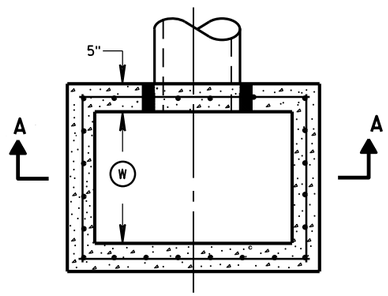
APPROVED
Sept.. 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS | UNIT SUPERVI ENT
FHWA

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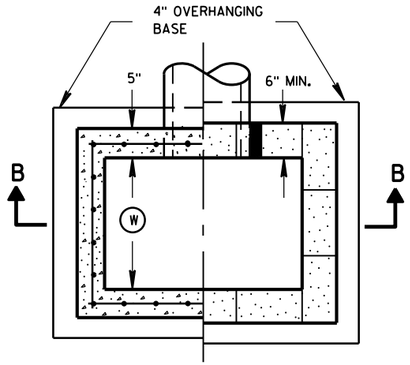
S.D.D. 8 C 6-2

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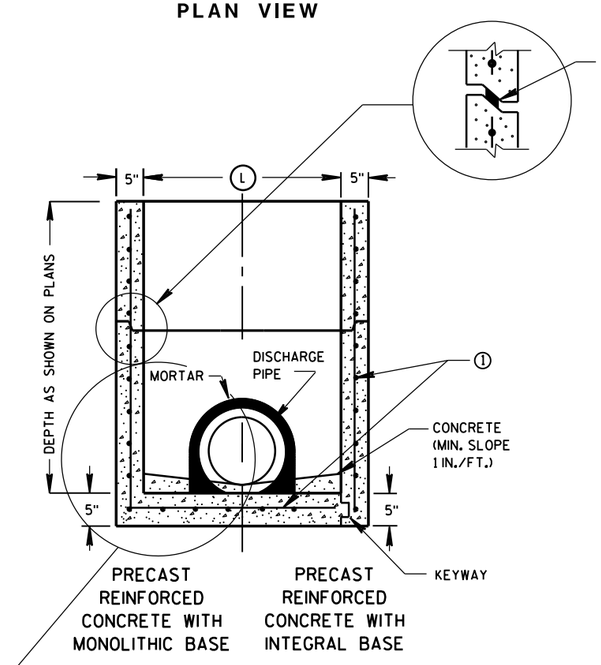
S.D.D. 8 C 6-2



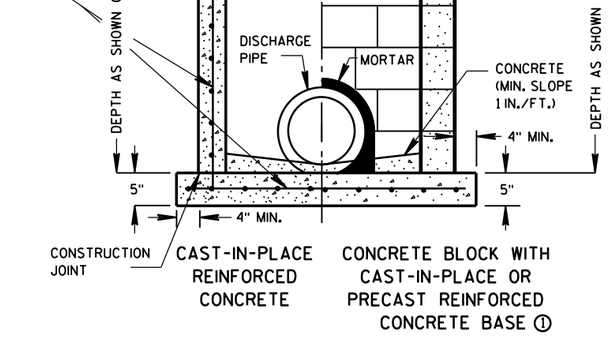
PLAN VIEW



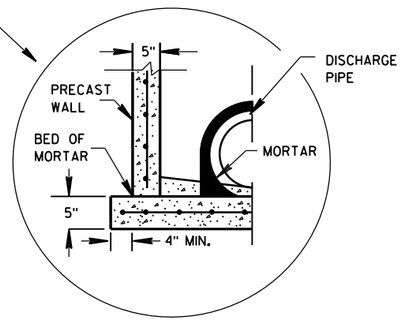
PLAN VIEW



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.

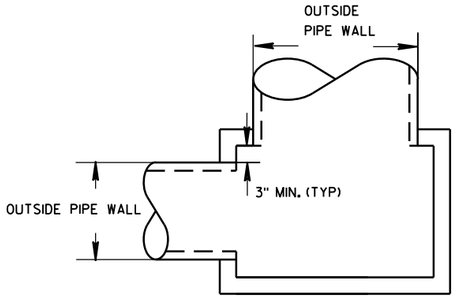
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

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



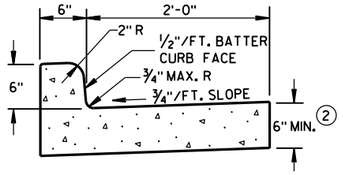
DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

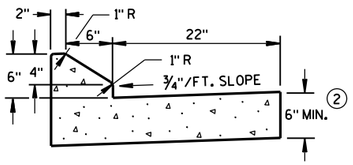
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT UNIT SUPERVIS
FHWA

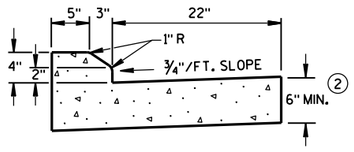
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT



TYPES A & D ①

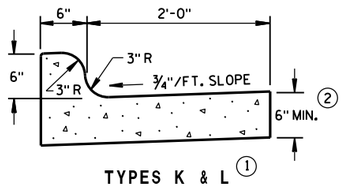


6" SLOPED CURB TYPES G & J ①

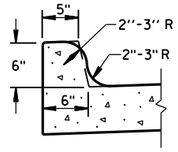


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

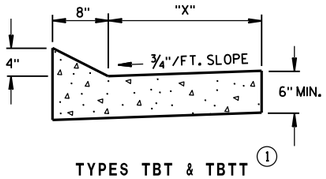


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

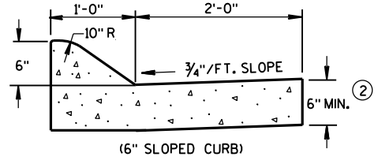
CONCRETE CURB & GUTTER 30"



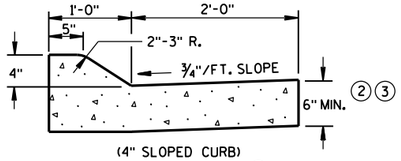
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

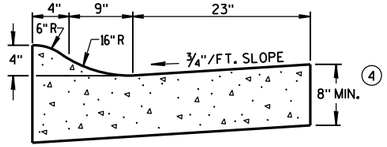


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ①⑤

CONCRETE CURB & GUTTER 36"

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 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.

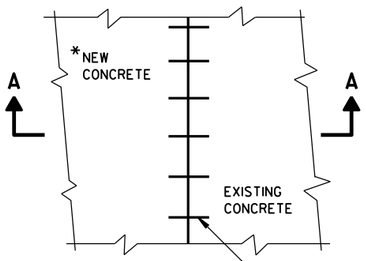
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

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.

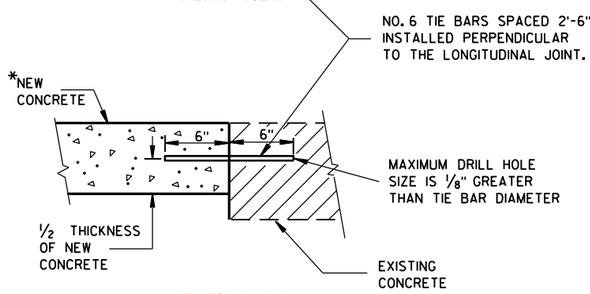
⑤ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

⑥ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



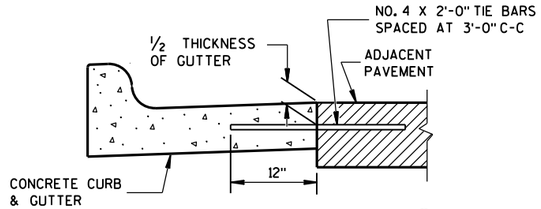
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

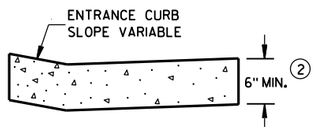


SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT

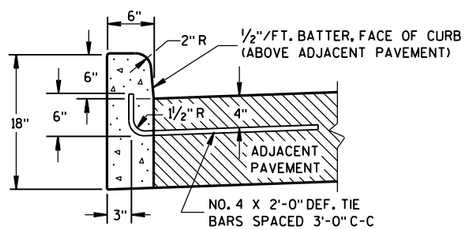


TYPICAL TIE BAR LOCATION ①

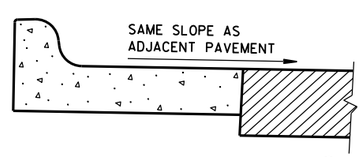


DRIVEWAY ENTRANCE CURB

(WHEN DIRECTED BY THE ENGINEER)

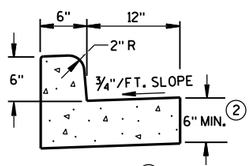


① TYPES A & D



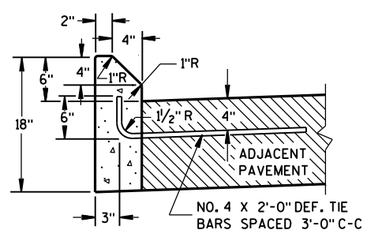
⑥ REVERSE SLOPE GUTTER

(TYPICAL FOR ALL CURB & GUTTER TYPES)



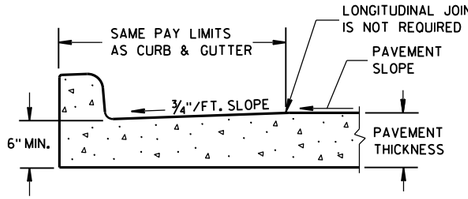
① TYPES A & D

CONCRETE CURB & GUTTER 18"

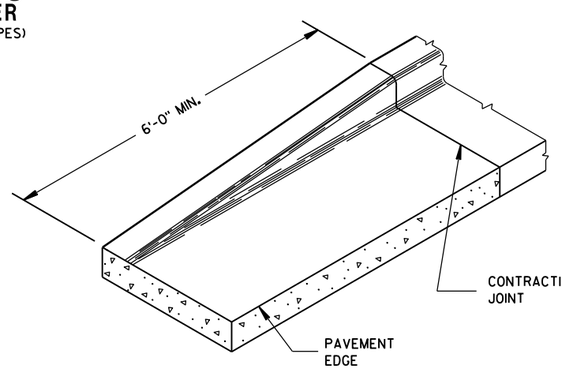


① TYPES G & J

CONCRETE CURB



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



END SECTION CURB & GUTTER

CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

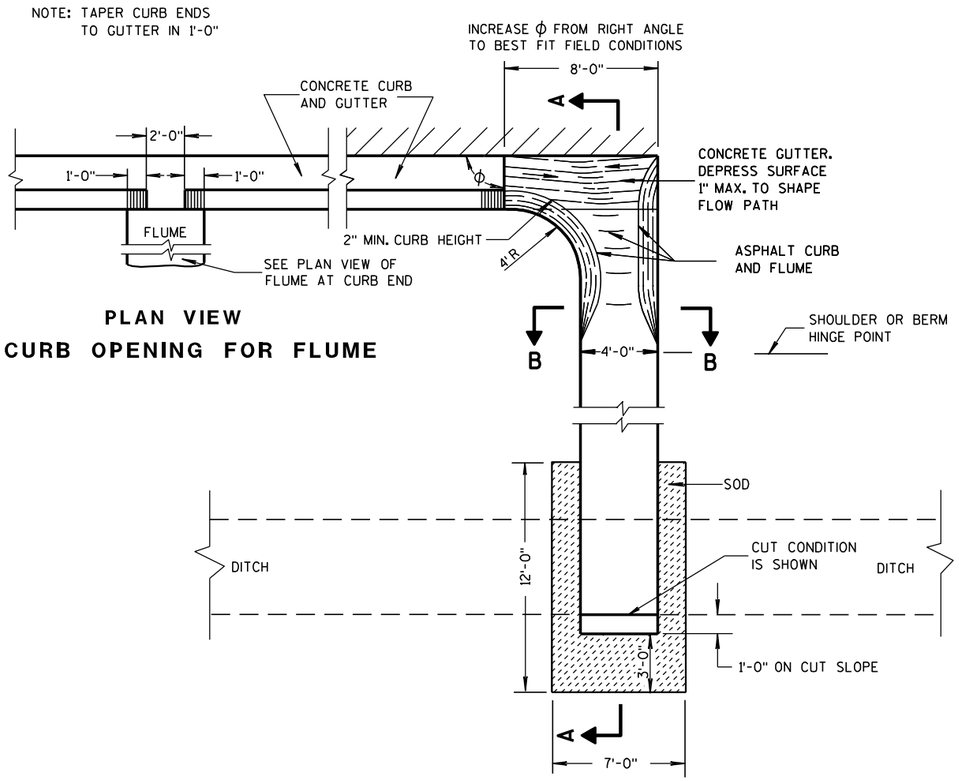
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2016 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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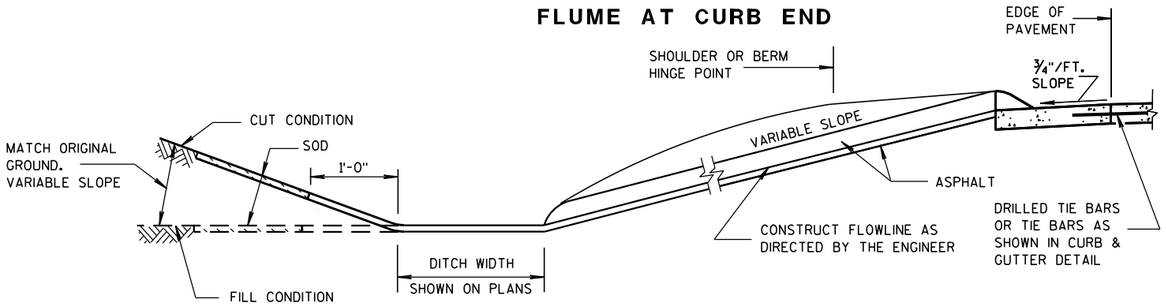
S.D.D. 8 D 1-19

ASPHALTIC FLUME

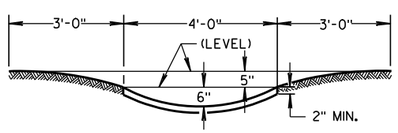


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

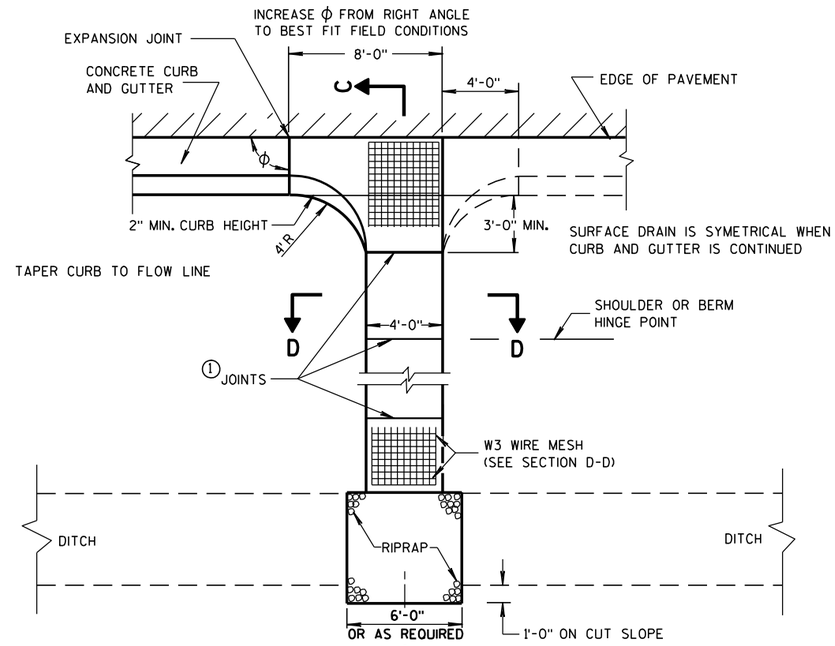
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE $\frac{1}{8}$ TO $\frac{1}{4}$ INCH WIDE BY $1\frac{1}{2}$ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

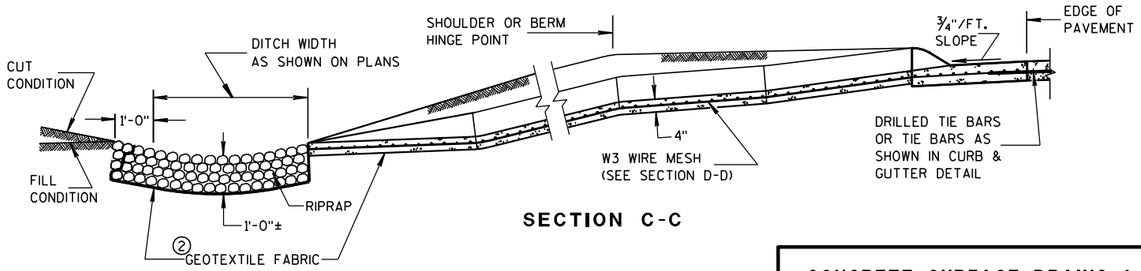
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

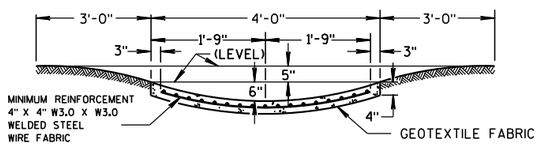
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



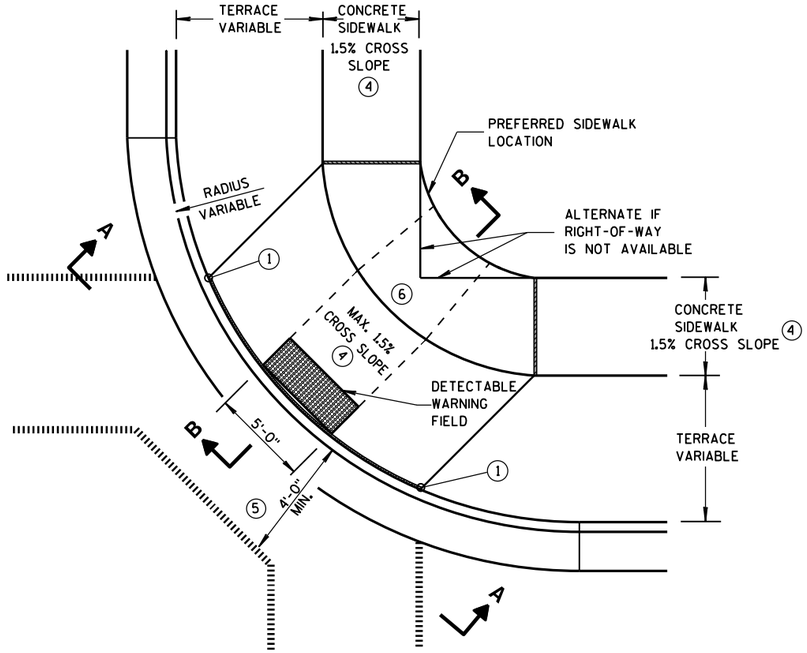
SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9-4-08 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
MENT
FHWA

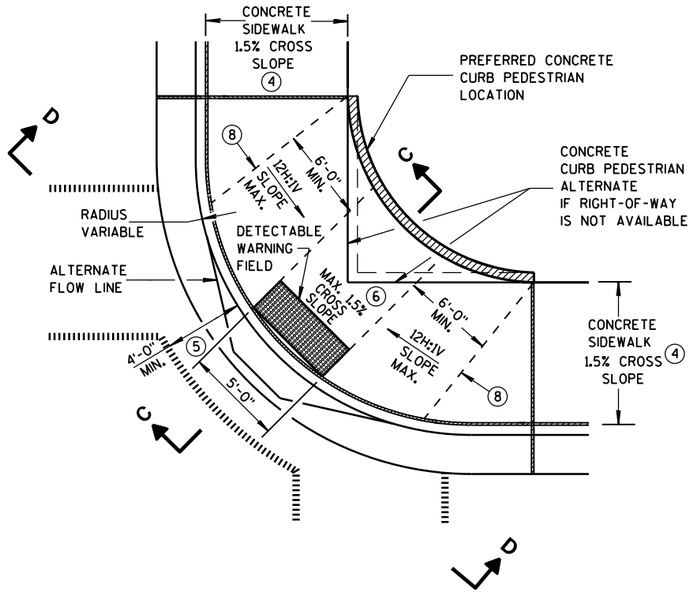
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S.D.D. 8 D 4-5



PLAN VIEW

TYPE 1 RAMP

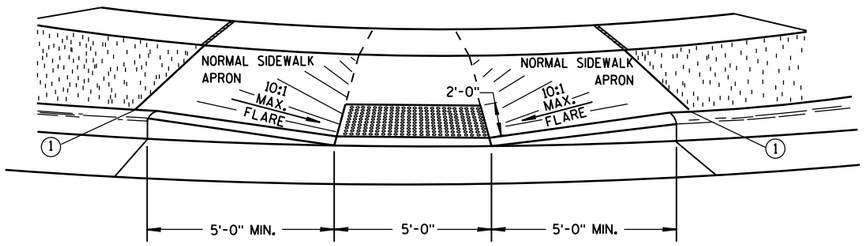
(CENTER OF CORNER RADIUS)



PLAN VIEW

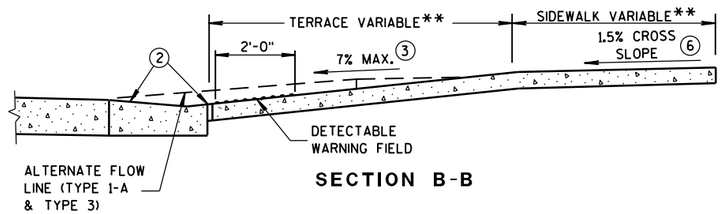
TYPE 1-A RAMP

(NO TERRACE)

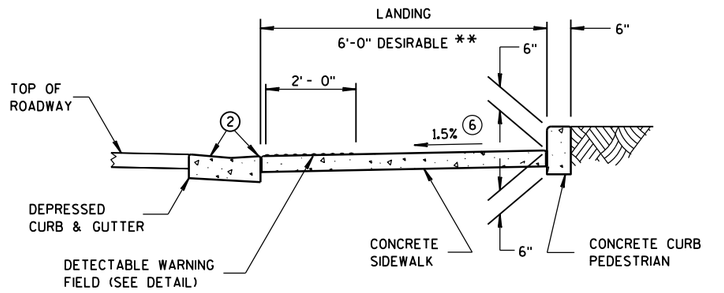


VIEW A-A

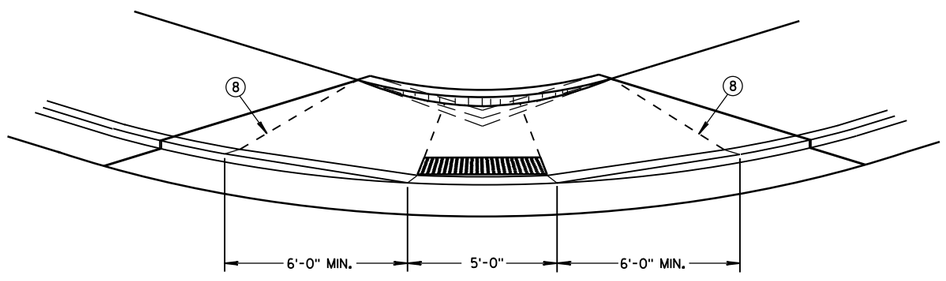
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



SECTION C-C



VIEW D-D

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA. (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

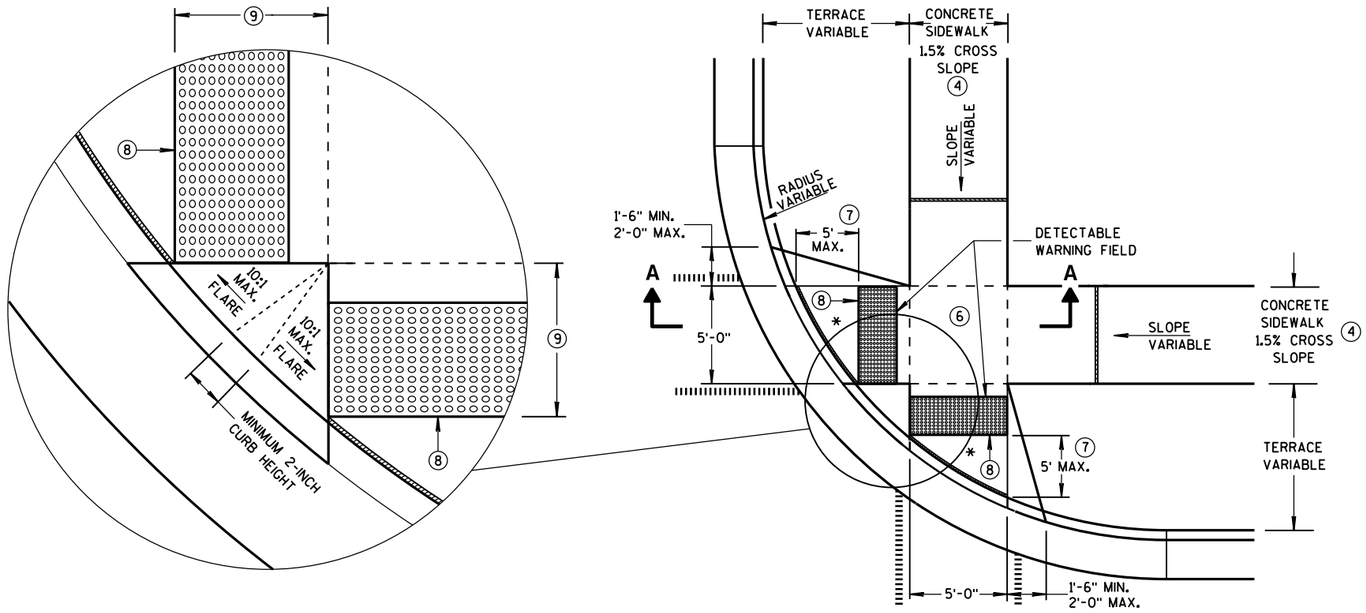
- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 8 D 5-18a

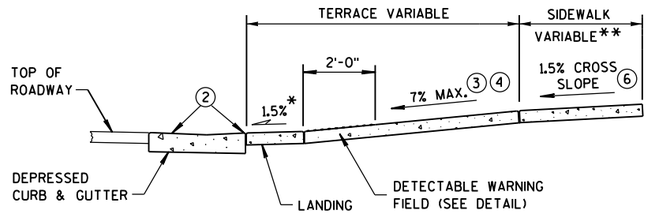


PLAN VIEW

TYPE 2 RAMP

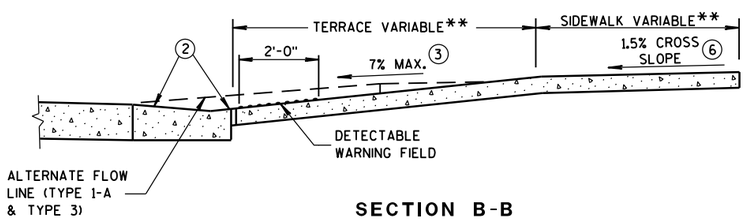
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



SECTION A-A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

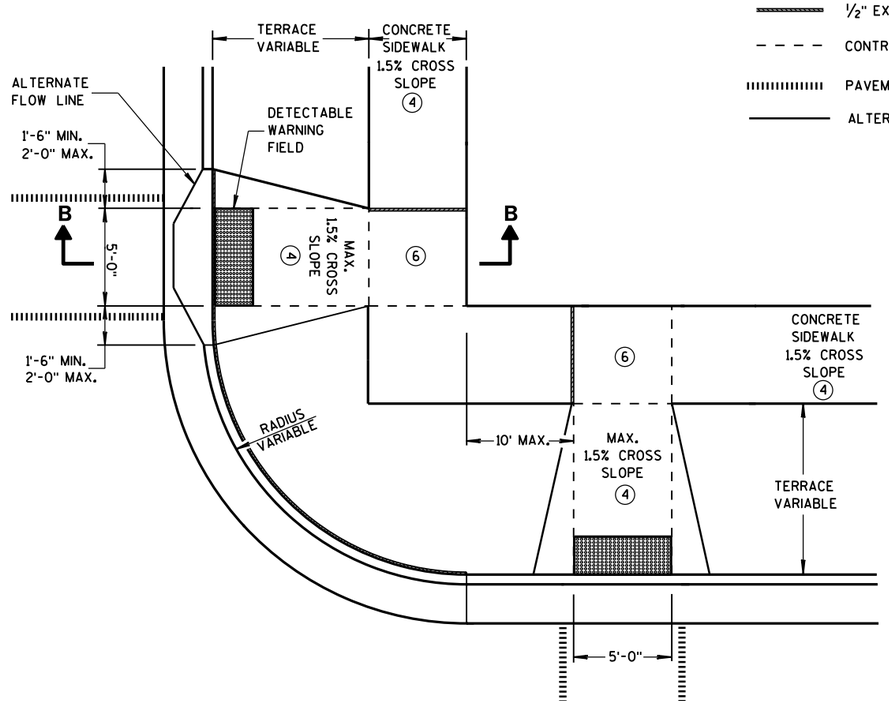
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN THIS DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



PLAN VIEW

TYPE 3 RAMP

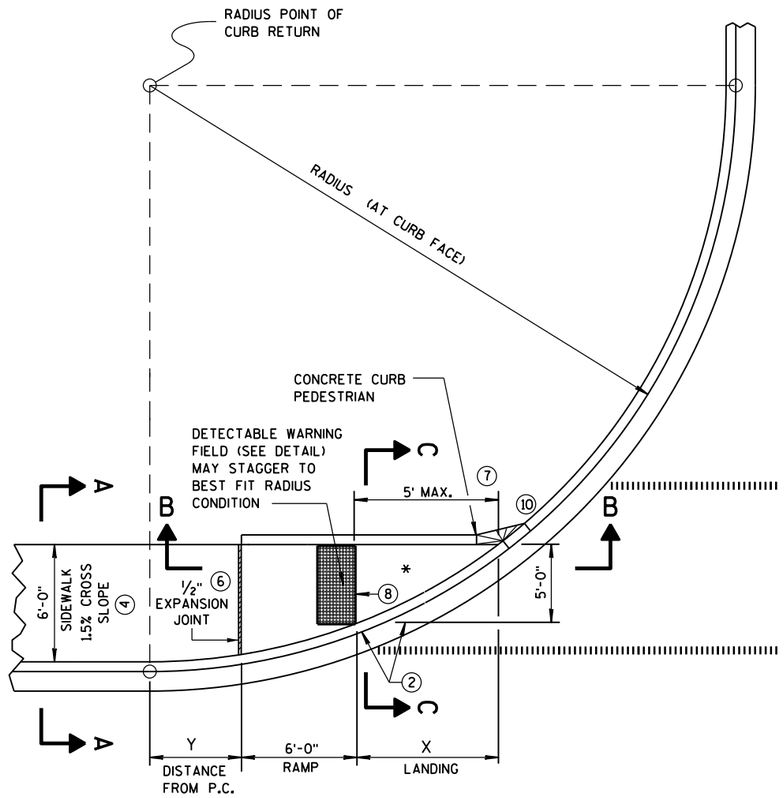
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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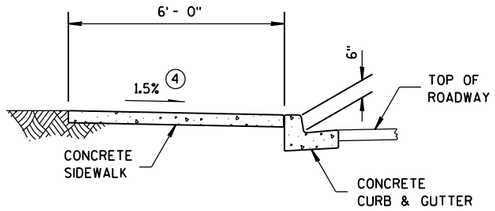
S.D.D. 8 D 5-18b



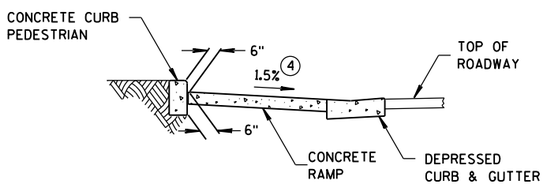
CURB RAMP TYPE 4A
PLAN VIEW

RADIUS (AT CURB FACE)	X	Y
20 FEET	7'-11"	0'-2"
30 FEET	10'-2¾"	1'-7½"
40 FEET	12'-1¼"	2'-10"
50 FEET	13'-8¾"	3'-10¾"
60 FEET	15'-2"	4'-10¼"

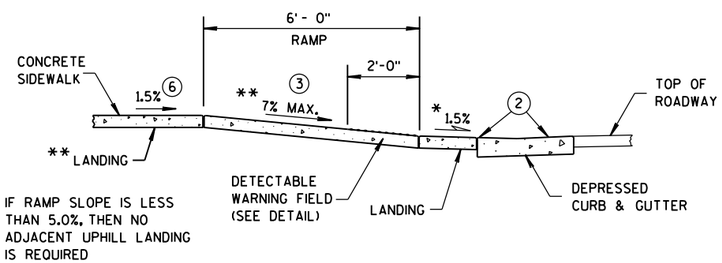
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

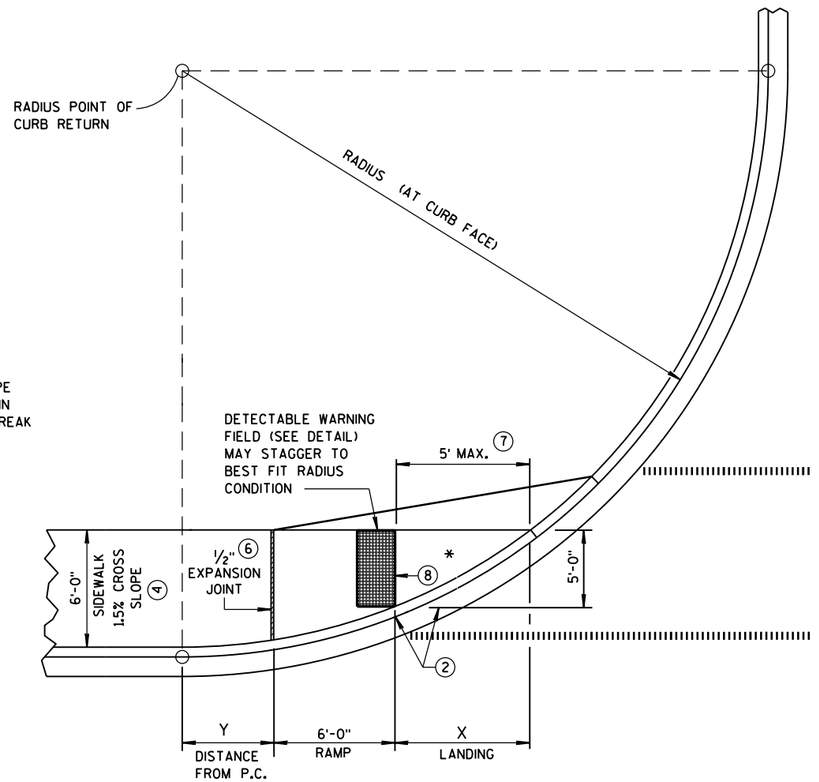


SECTION C-C FOR TYPE 4A



SECTION B-B FOR TYPE 4A

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



CURB RAMP TYPE 4A1
PLAN VIEW

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

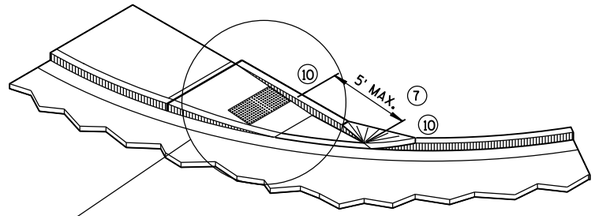
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

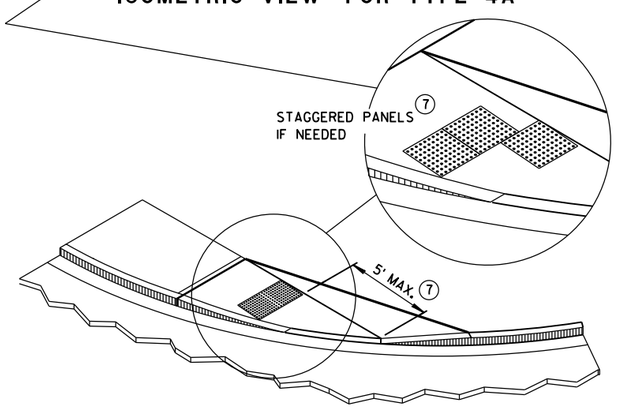
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

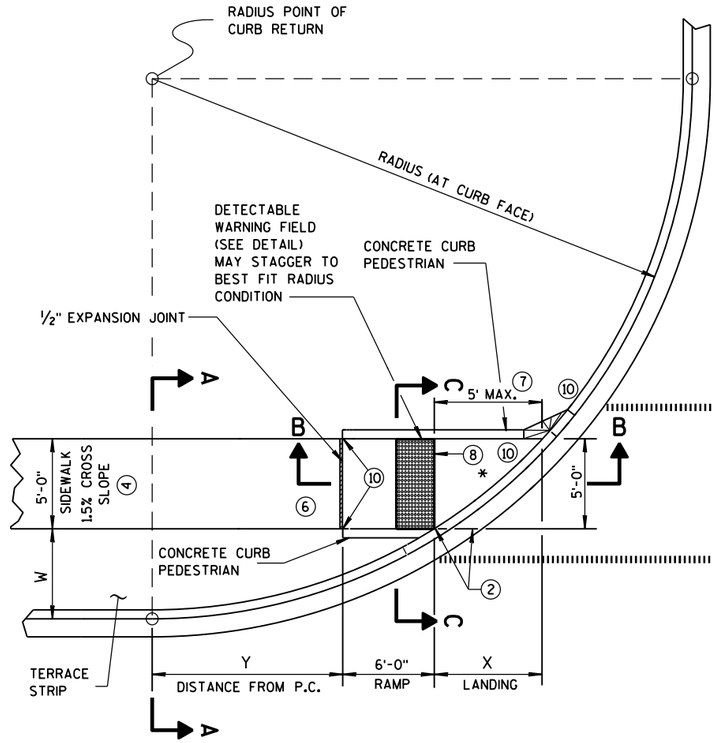
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 4A AND 4A1

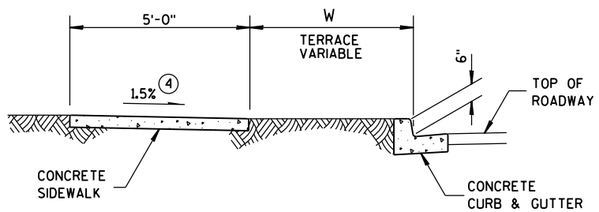
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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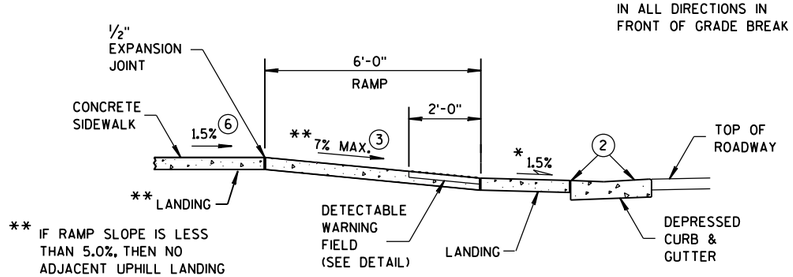
S.D.D. 8 D 5-18c



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



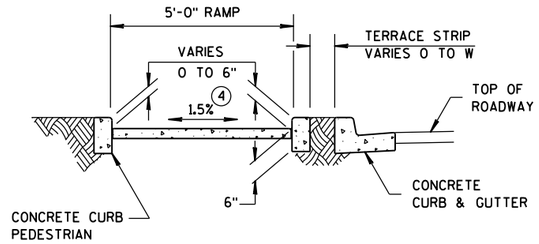
SECTION B-B FOR TYPE 4B

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C-C FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-9¾"	3'-6½"	4'-11½"	5'-1¾"	4'-3¼"	6'-5½"	3'-8¾"	7'-6¾"	3'-3"	8'-6¼"
30 FEET	7'-9¼"	5'-10½"	6'-9½"	7'-11¼"	6'-0¼"	9'-8"	5'-5"	11'-1¾"	4'-10¾"	12'-5¾"
40 FEET	9'-4"	7'-10"	8'-2¾"	10'-3"	7'-4¾"	12'-3¾"	6'-8½"	14'-1¼"	6'-1¾"	15'-8½"
50 FEET	10'-8"	9'-6½"	9'-5½"	12'-3¼"	8'-6½"	14'-7½"	7'-9¾"	16'-8¼"	7'-2½"	18'-6¼"
60 FEET	11'-10¼"	11'-0¾"	10'-6½"	14'-1¼"	9'-6½"	16'-8½"	8'-9¼"	18'-11¾"	8'-1½"	21'-0½"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

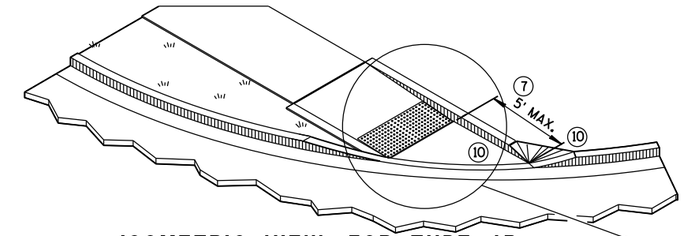
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

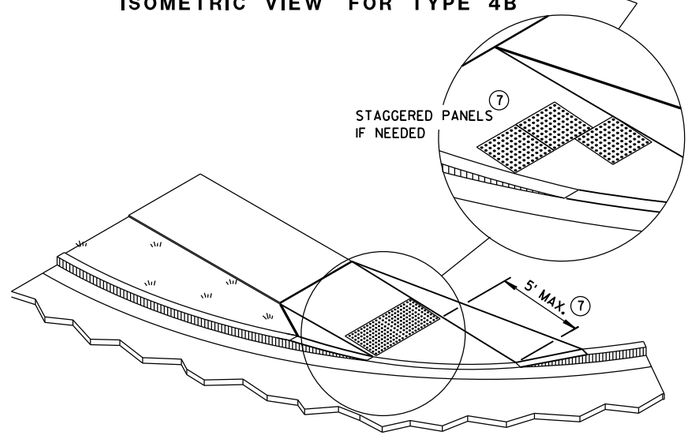
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

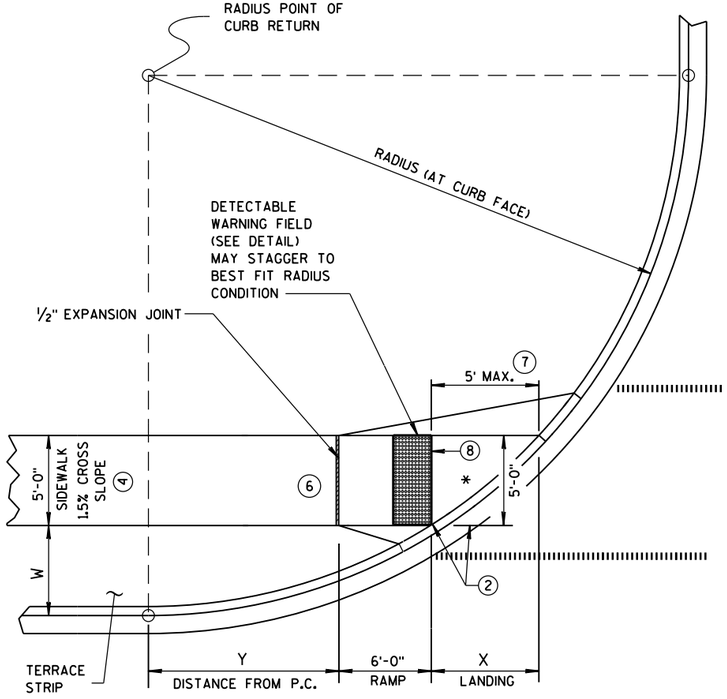
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1



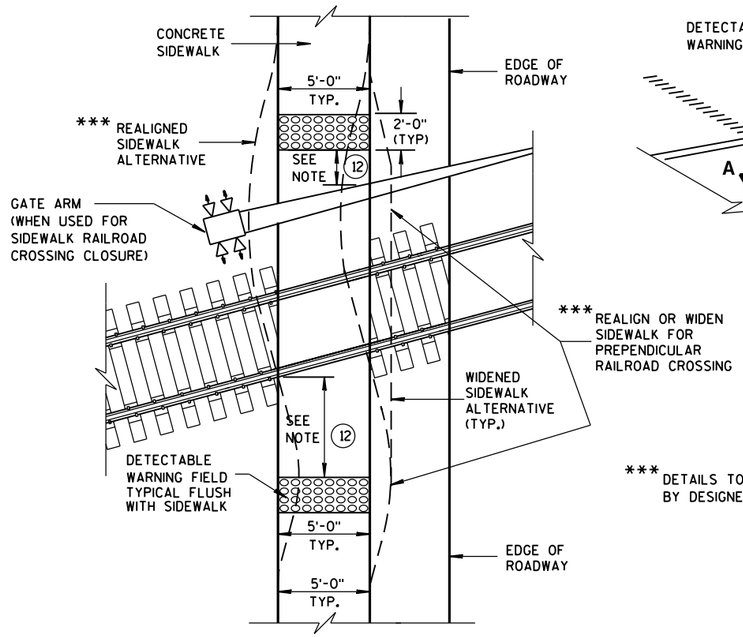
CURB RAMP TYPE 4B1
PLAN VIEW

CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

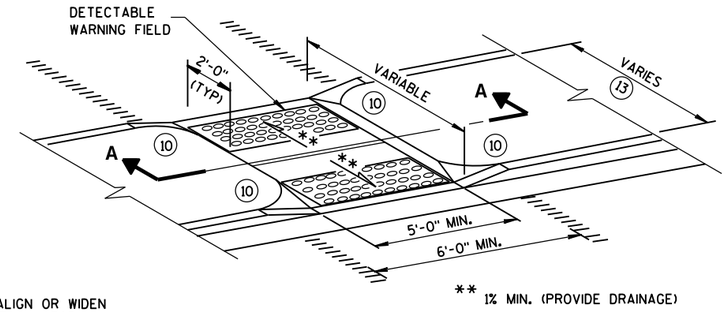
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S.D.D. 8 D 5-18d



*** DETAILS TO BE DETERMINED BY DESIGNER

TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



MEDIAN ISLAND NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

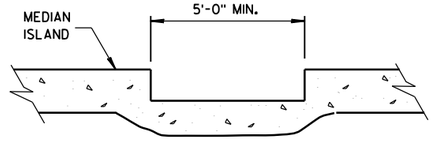
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

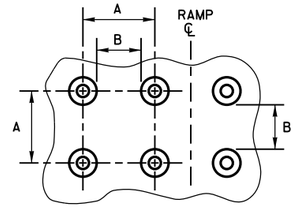
(13) DO NOT INSTALL DETECTABLE WARNING FIELDS IF MEDIAN WIDTH BETWEEN BACK OF CURBS IS LESS THAN 6 FEET.



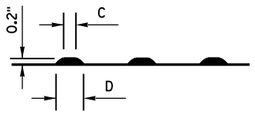
SECTION A-A

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

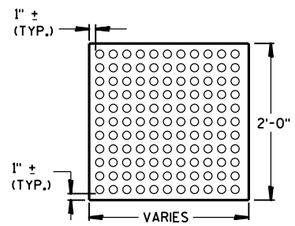


PLAN VIEW



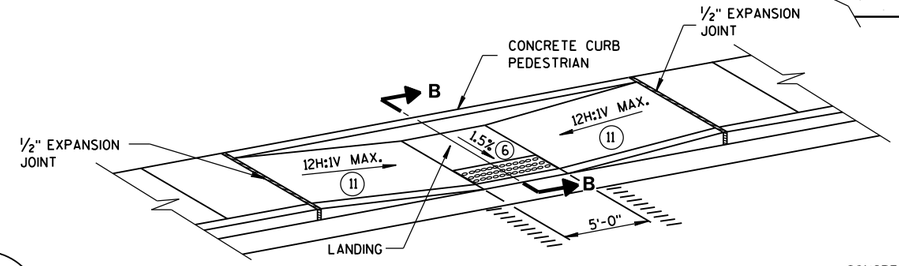
ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

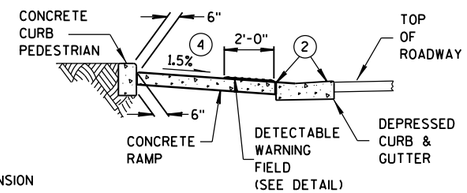


PLAN VIEW

DETECTABLE WARNING FIELD (TYPICAL)

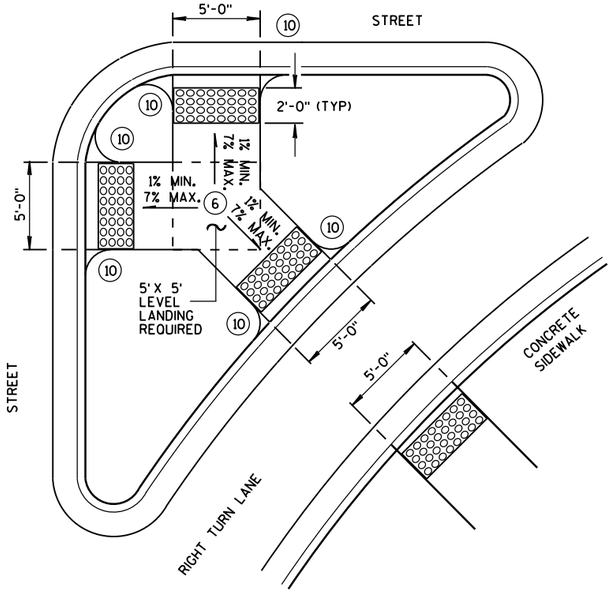


MID-BLOCK CROSSING
TYPE 7A

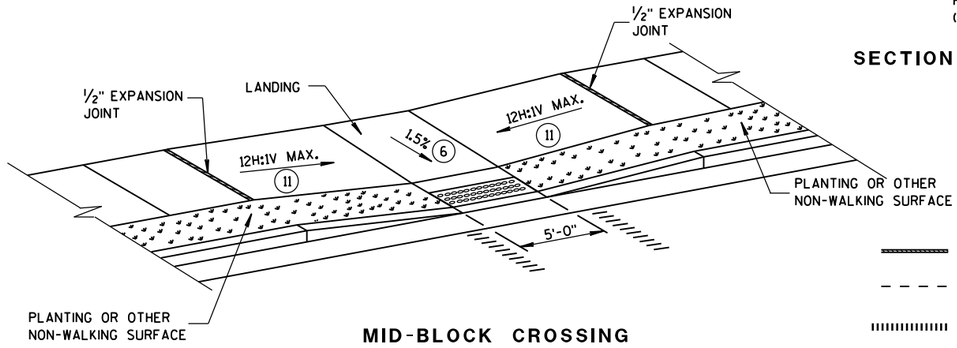


SECTION B-B

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV
ENT
FHWA

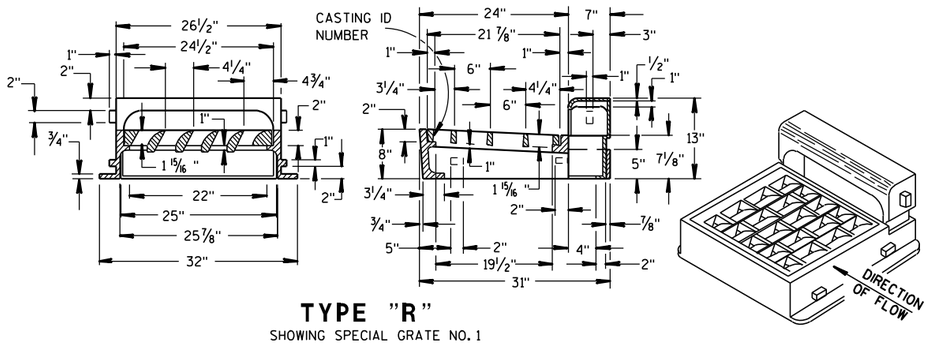
6

S.D.D. 8 D 5-18e

6

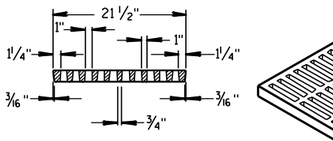
S.D.D. 8 D 5-18e

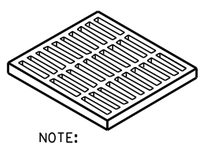
INLET COVERS



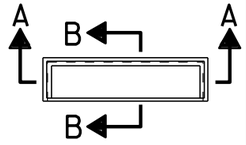
TYPE "R"

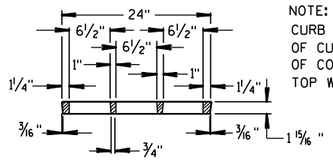
SHOWING SPECIAL GRATE NO. 1
(TO BE NOTED AS R-1 IN DRAINAGE TABLE)



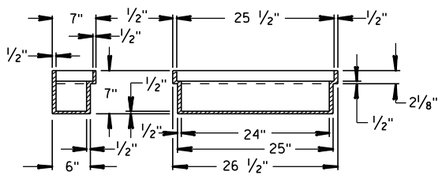


(APPROX. WEIGHT - 510 LBS.)
FRAME..... 245 LBS.
CURB..... 120 LBS.
GRATE..... 145 LBS.





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

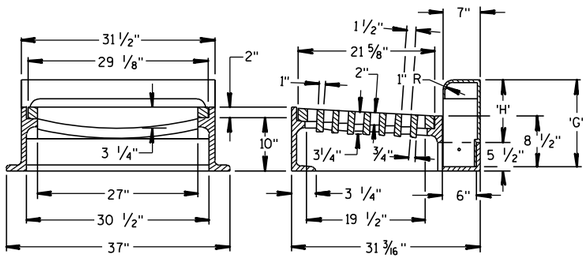
(GRATE..... 150 LBS.)
(TO BE USED UNLESS OTHERWISE NOTED IN DRAINAGE TABLE)

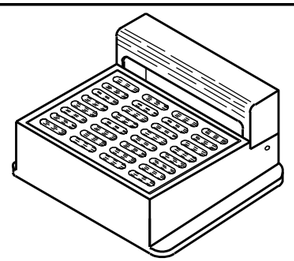
SPECIAL CURB PLUG "P"

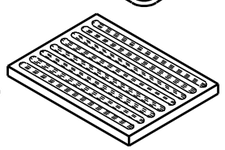
(CURB PLUG..... 85 LBS.)
(TO BE NOTED AS R-P IN DRAINAGE TABLE)

'H' = 9" FOR 6" CURB
'H' = 11" FOR 8" CURB

'G' = 13 3/4" FOR 6" CURB
'G' = 15 3/4" FOR 8" CURB





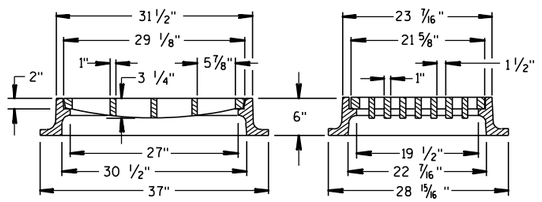


(APPROX. WEIGHT - 670 LBS.)
FRAME..... 350 LBS.
CURB BOX..... 135 LBS.
GRATE..... 185 LBS.

TYPE "W"

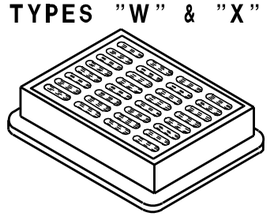
ALTERNATE GRATE
(FOR EXPRESSWAY RAMPS)

TYPES "W" & "X"

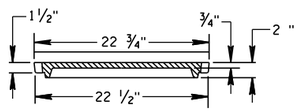


TYPE "X"

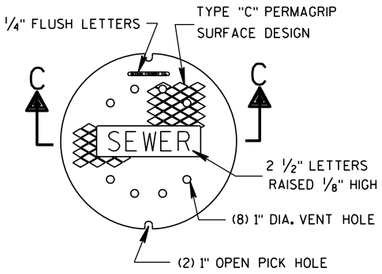
(APPROX. WEIGHT - 470 LBS.)

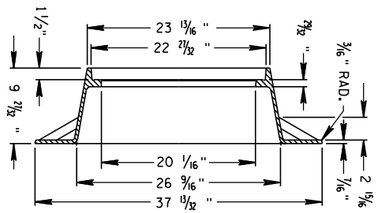


MANHOLE COVER



SECTION C-C





TYPE "Q"

(APPROX. WEIGHT - 290 LBS.)

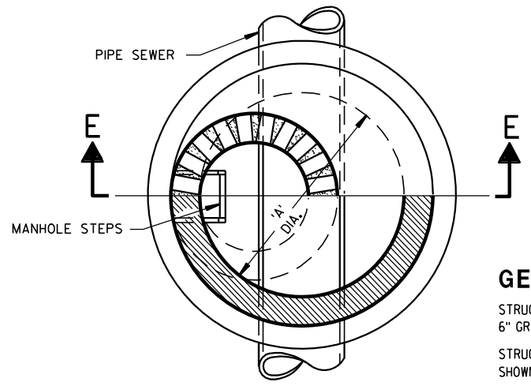
TABLE OF DIMENSIONS

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.

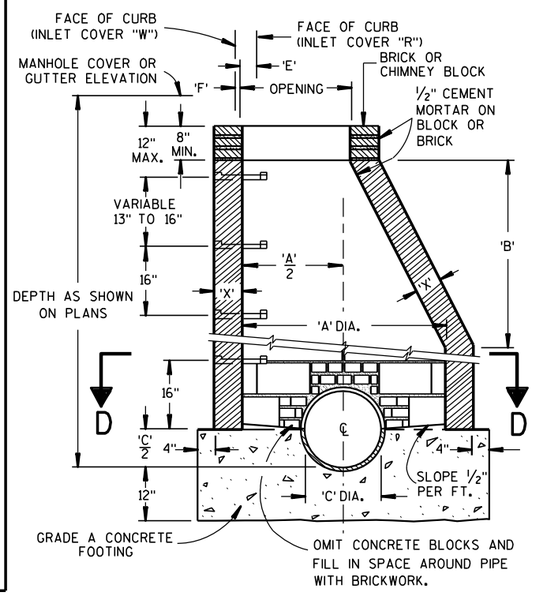
MANHOLE



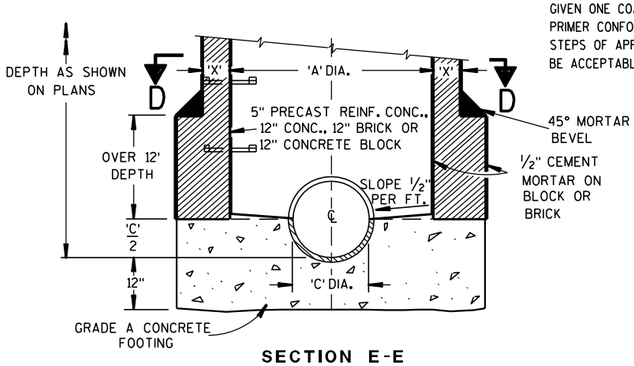
HALF SECTION D-D

TABLE OF OPENING DIMENSIONS

COVER 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.

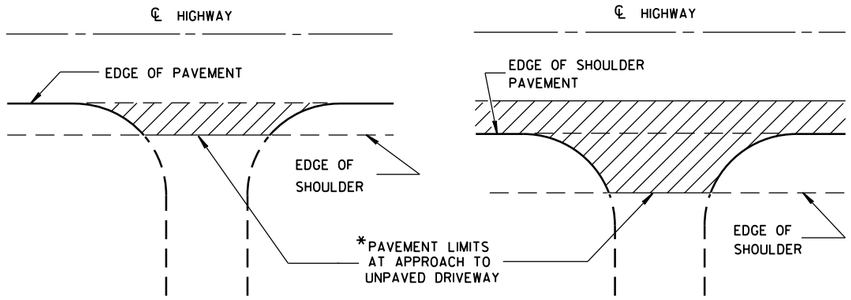
MANHOLES, MANHOLE & INLET COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/12/2011 — DATE
/S/ Jerry H. Zogg — ROADSIDE STANDARDS ENGINEER
FHWA

S.D.D. 8 D 17-6

S.D.D. 8 D 17-6

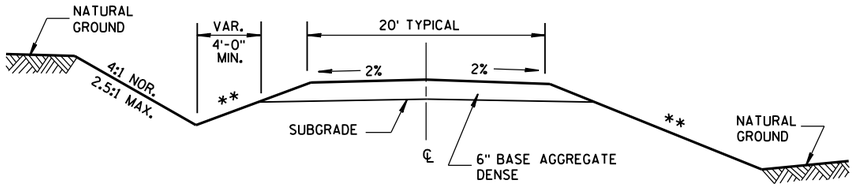


*WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT.

PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB & GUTTER OR SIDEWALK)

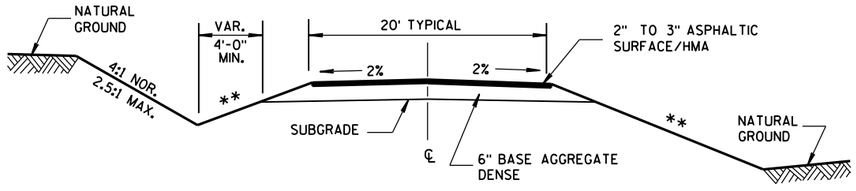


IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

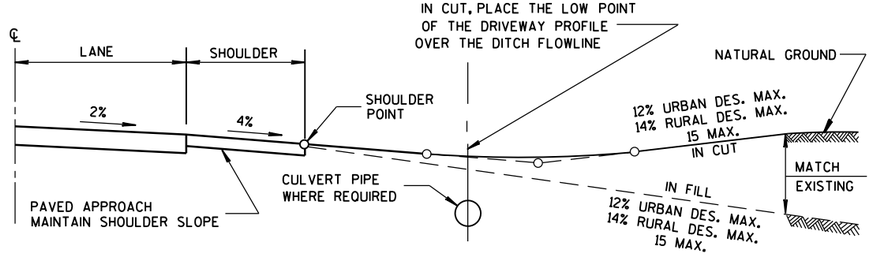
** SLOPE CAN VARY WITH SPEED. SEE 11-45-2.6.2.

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥35 TO <60	6:1
≥60	10:1



IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE



TYPICAL DRIVEWAY PROFILES

DRIVEWAYS WITHOUT CURB & GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

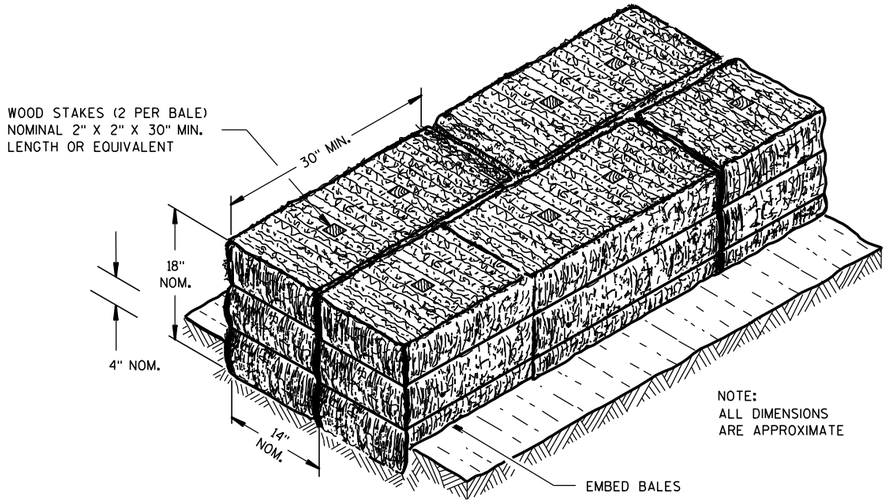
APPROVED
December, 2016 — /S/ Rodney Taylor
DATE — ROADWAY STANDARDS UNIT SUPERV — ENT
FHWA

6

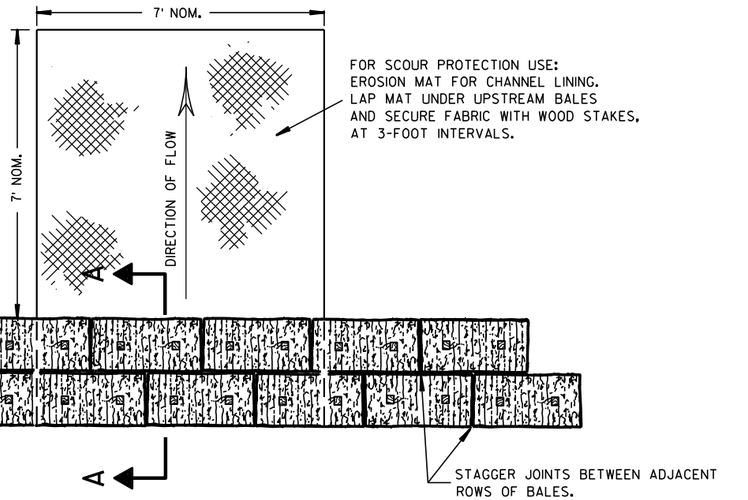
S.D.D. 8 D 21-1

6

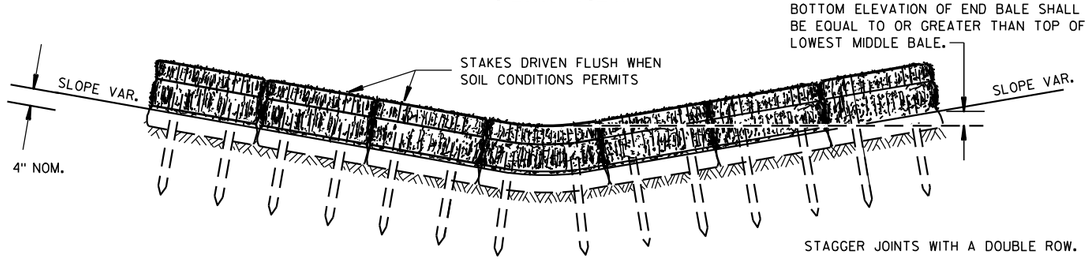
S.D.D. 8 D 21-1



SECTION A-A



PLAN VIEW



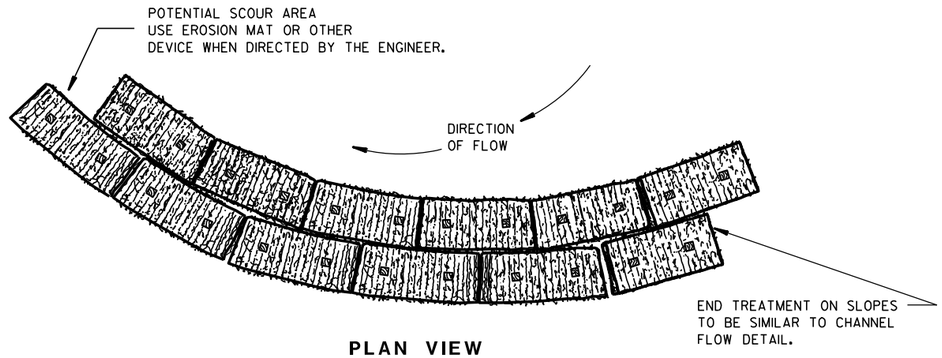
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

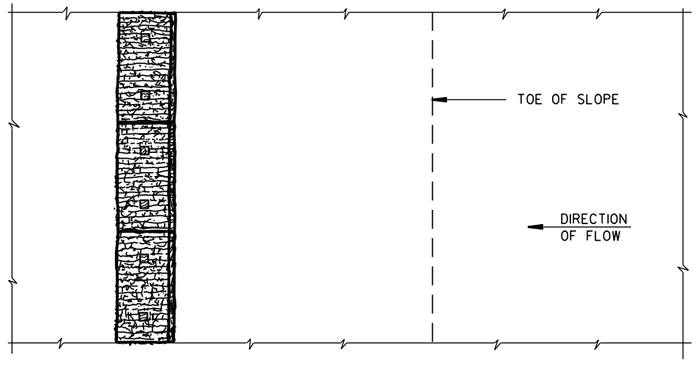
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(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.

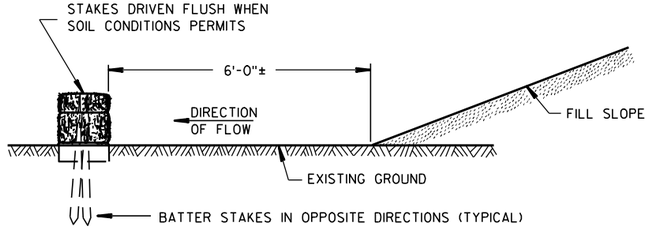


PLAN VIEW

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

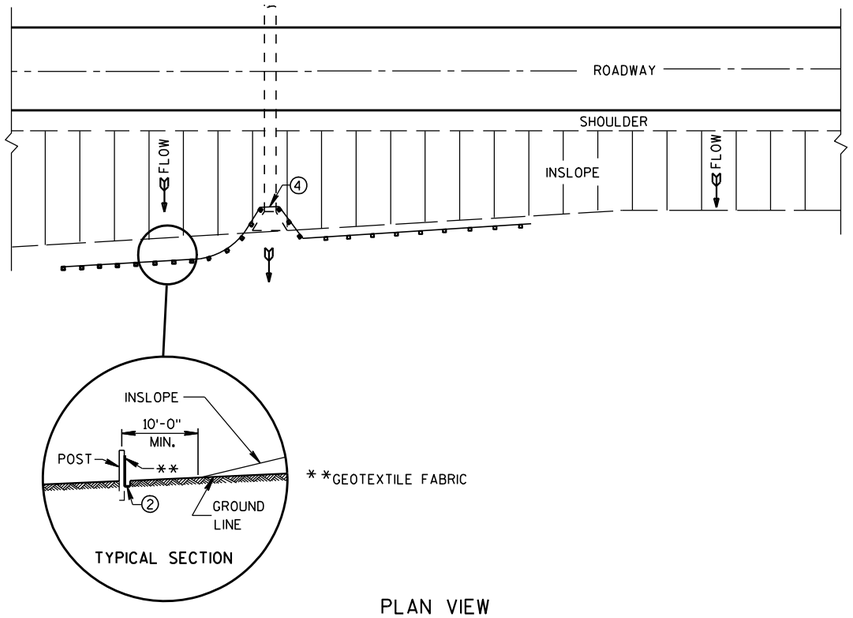
6/04/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

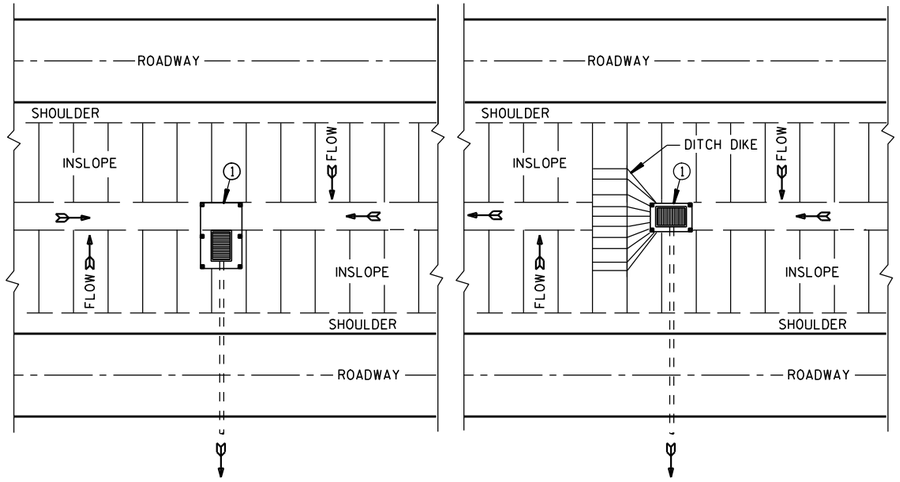
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S.D.D. 8 E 8-3



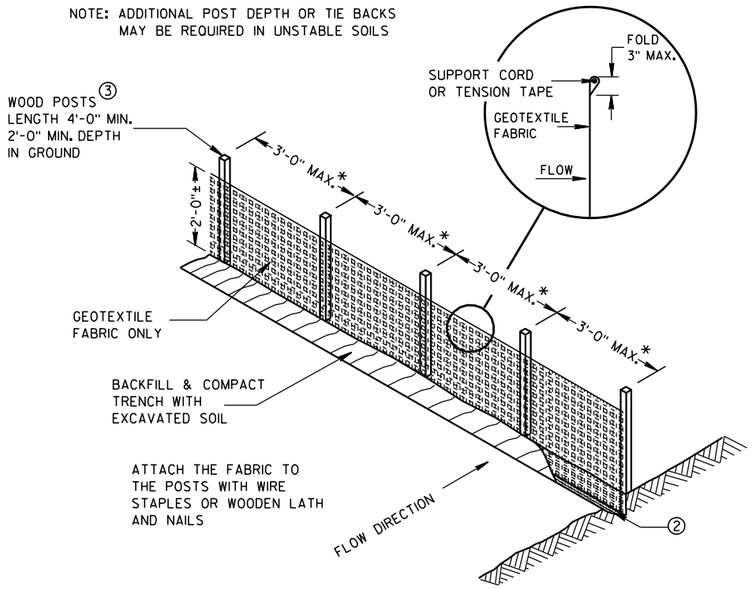
PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



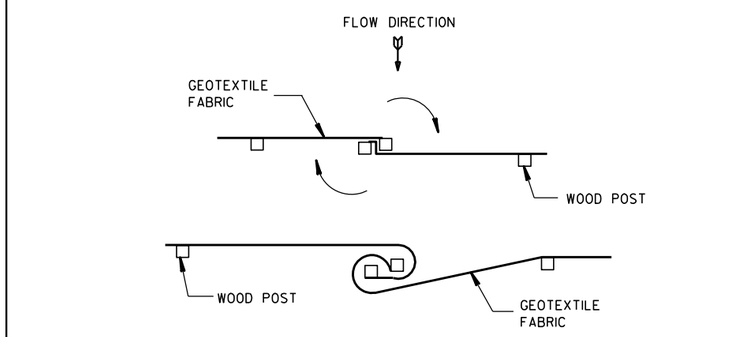
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

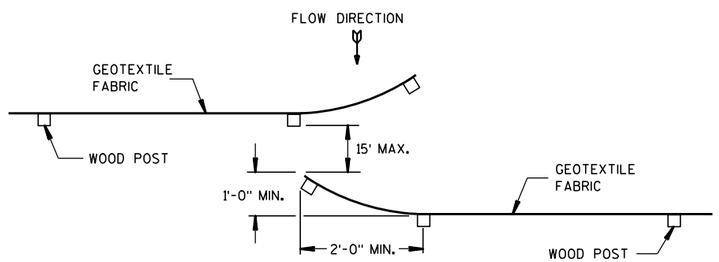


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE



TWIST METHOD



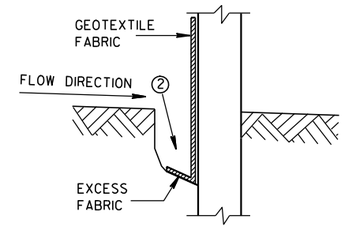
HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5

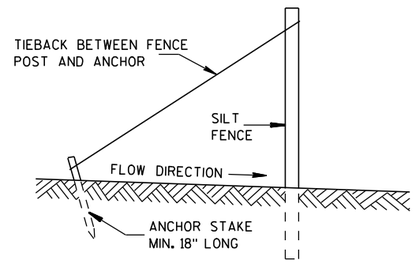
GENERAL NOTES

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



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

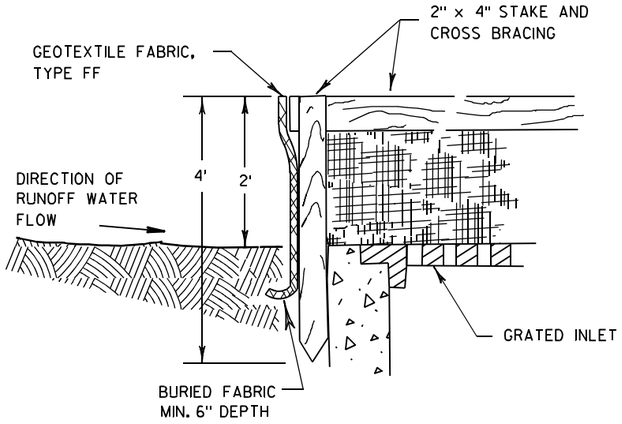
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

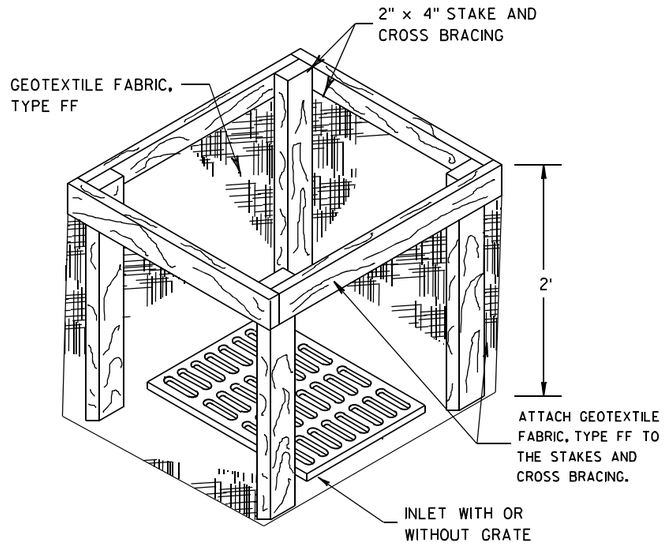
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S.D.D. 8 E 9-6

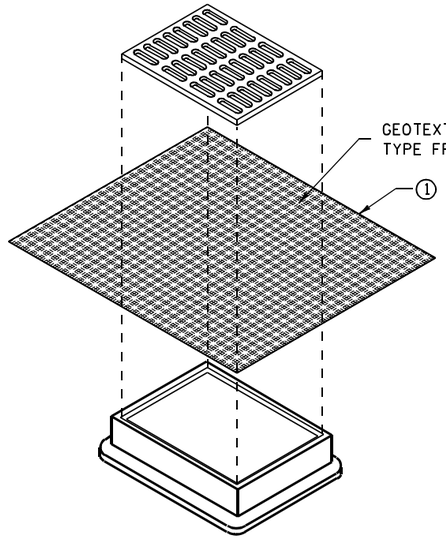
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S.D.D. 8 E 9-6



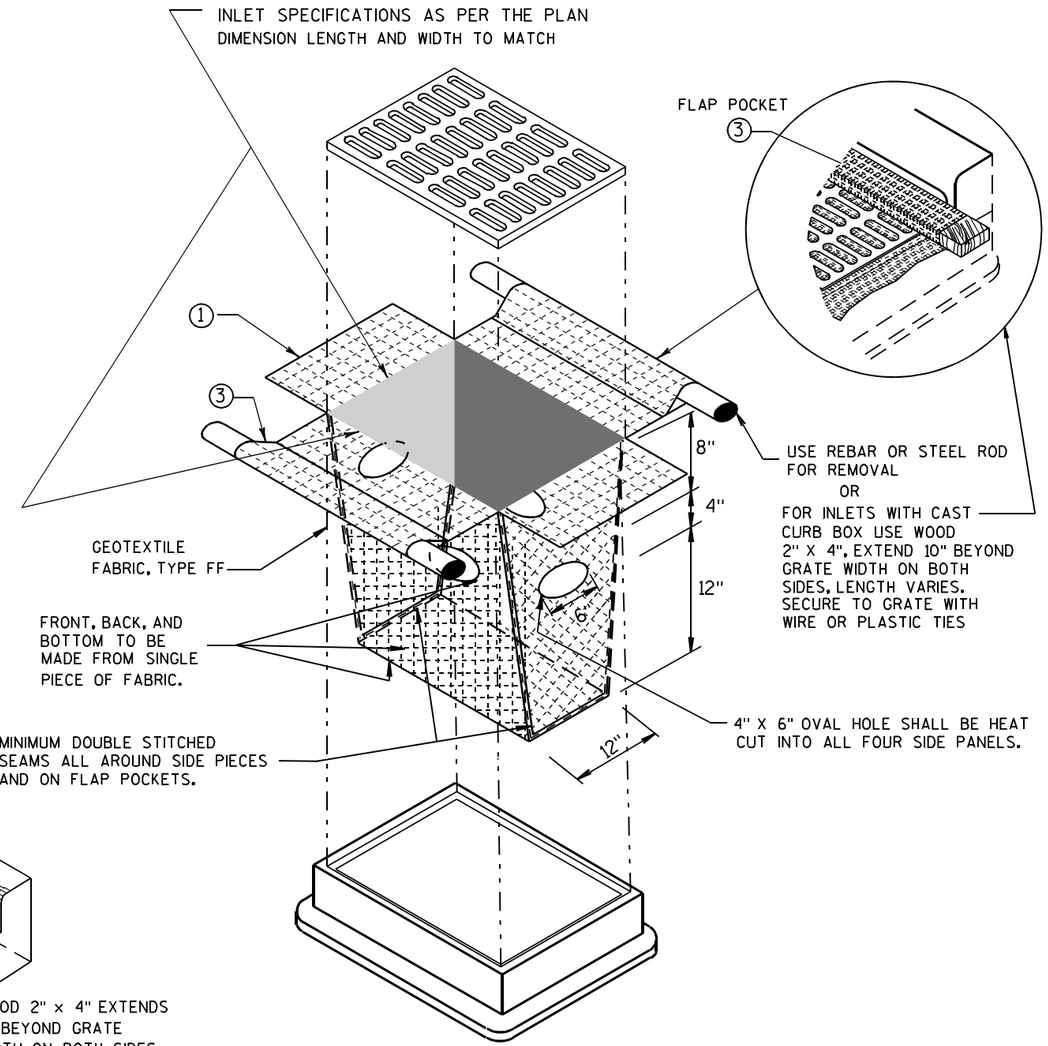


INLET PROTECTION, TYPE A



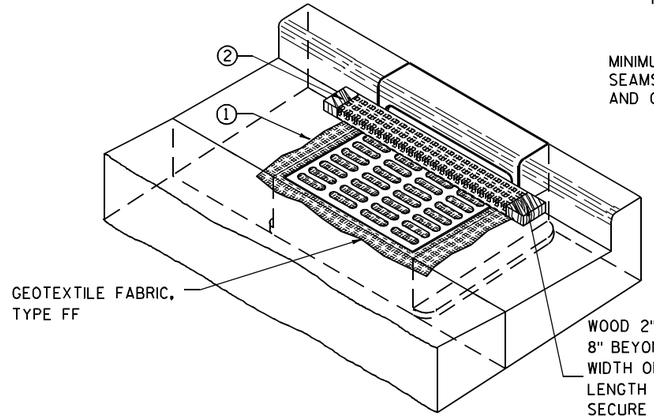
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

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

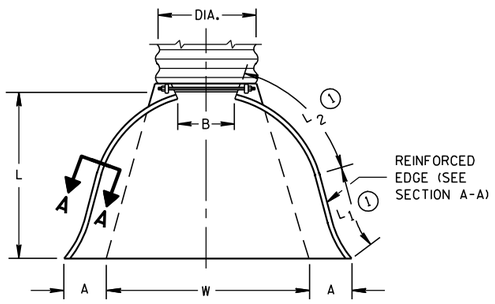
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	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

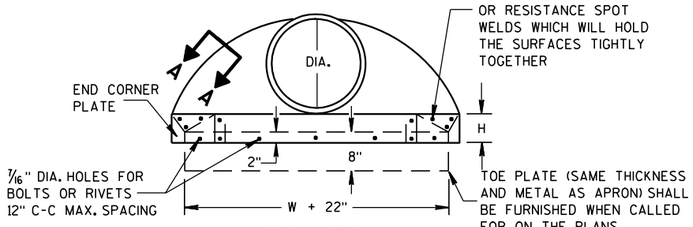
REINFORCED CONCRETE APRON ENDWALLS

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

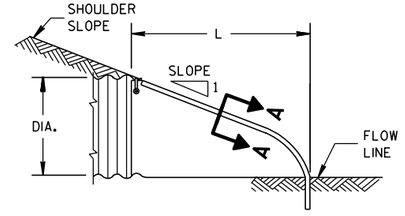
*MINIMUM
**MAXIMUM



PLAN VIEW

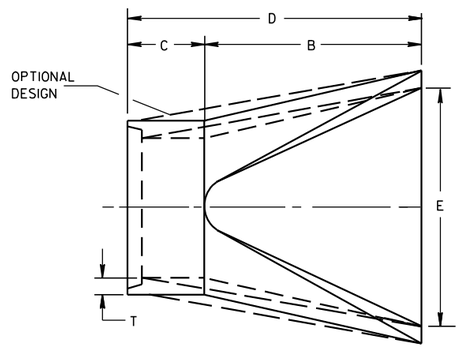


END VIEW

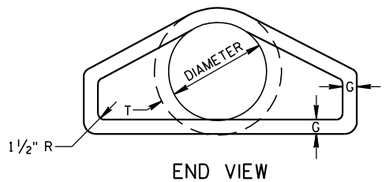


SIDE ELEVATION

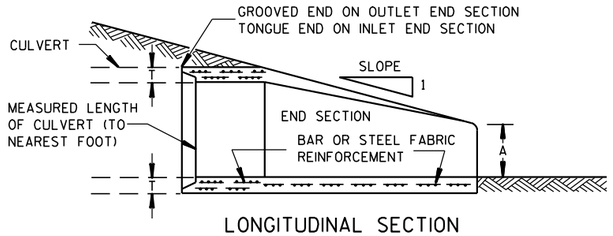
METAL ENDWALLS



PLAN

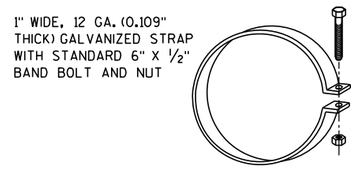


END VIEW



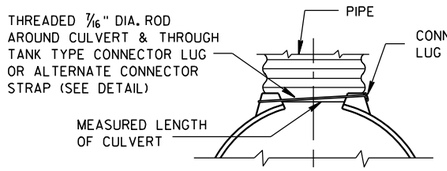
LONGITUDINAL SECTION

CONCRETE ENDWALLS

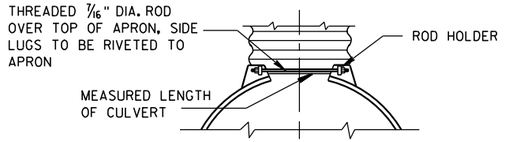


ALTERNATE FOR TYPE 1 CONNECTION

END SECTION CONNECTOR STRAP

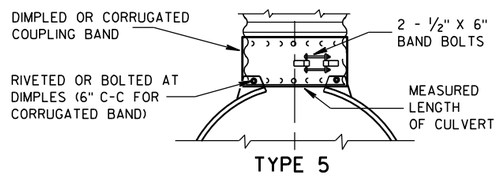


TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

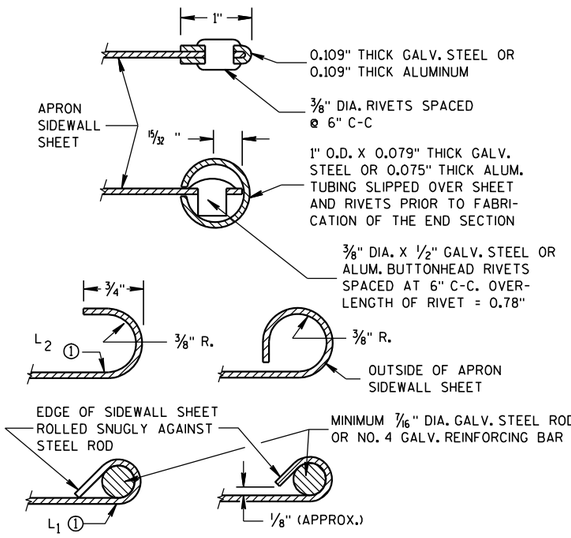
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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

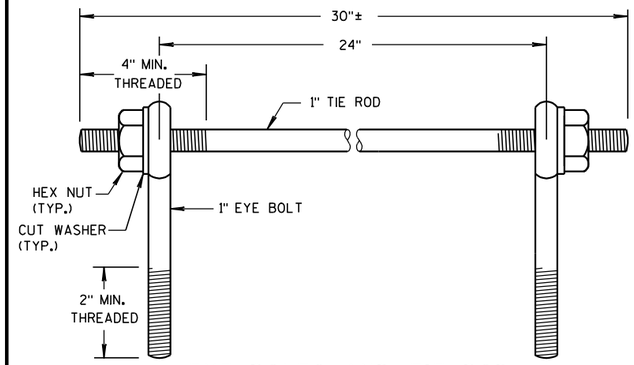
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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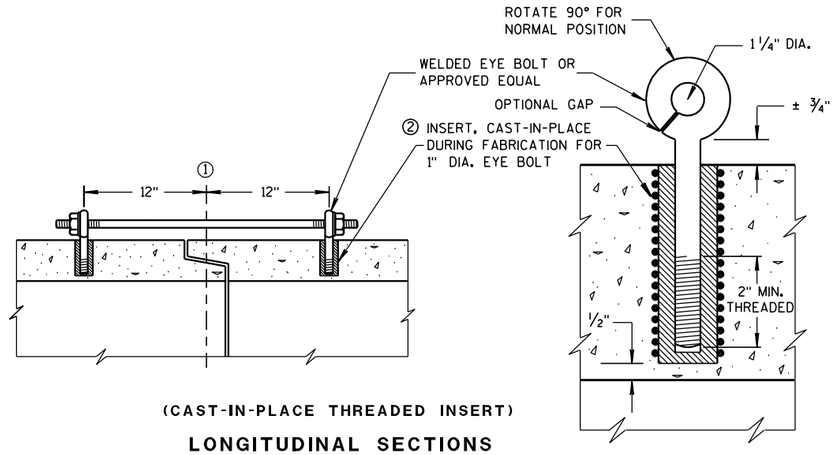
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S.D.D. 8 F 1-11



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.

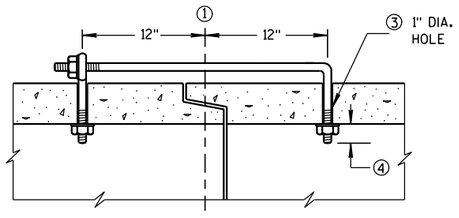
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

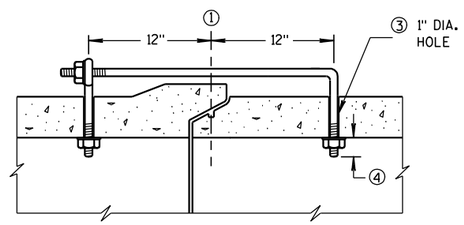
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

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)

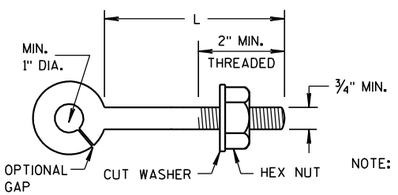


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

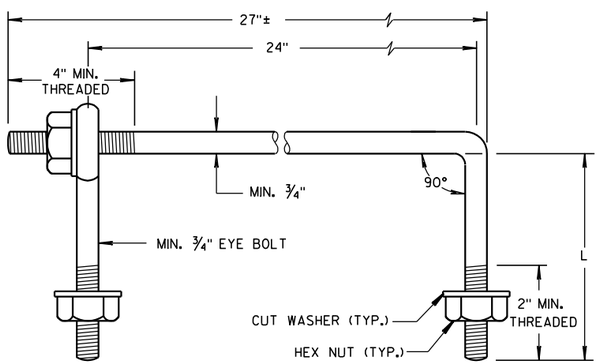
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

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

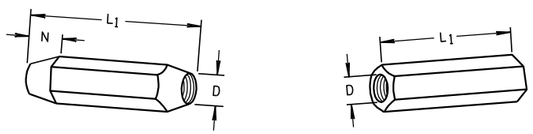
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

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

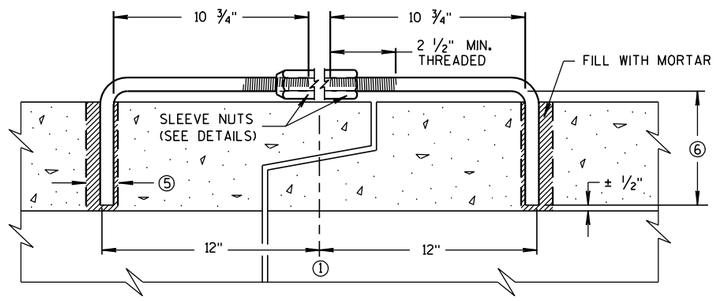
DIMENSIONS SHOWN ARE IN INCHES



TAPERED PLAIN

RIGHT AND LEFT THREADS

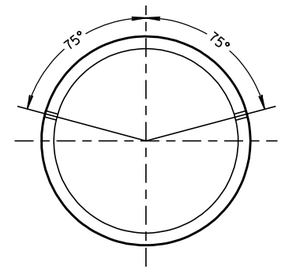
SLEEVE NUTS



LONGITUDINAL SECTION

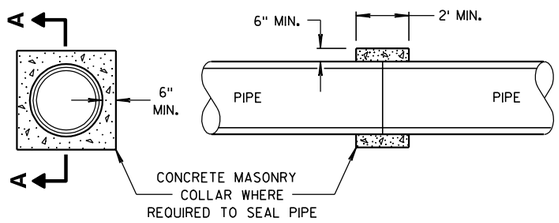
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

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

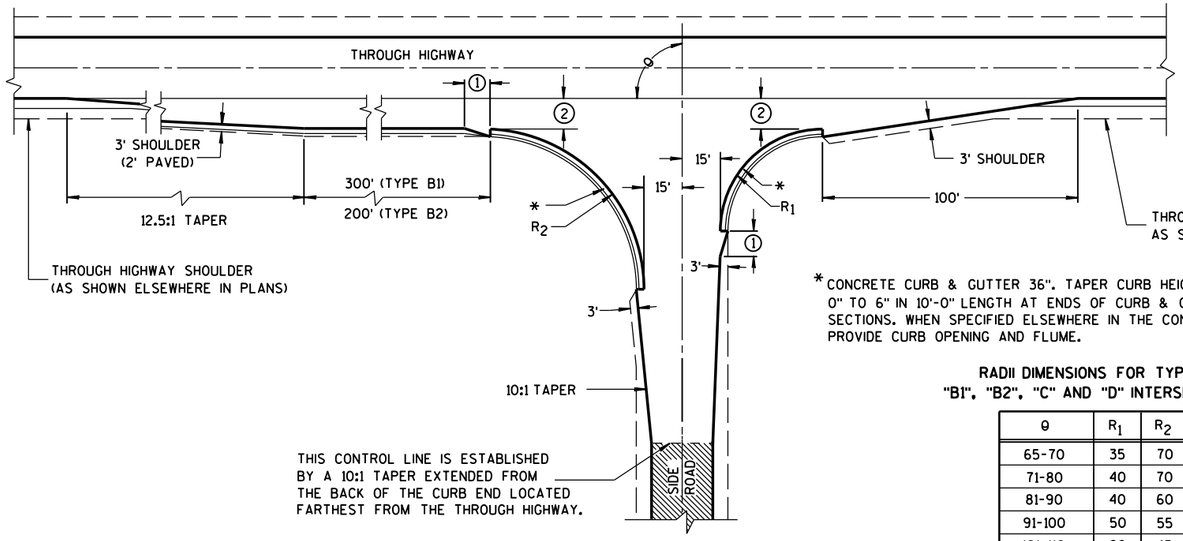
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

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S.D.D. 8 F 4-7

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S.D.D. 8 F 4-7

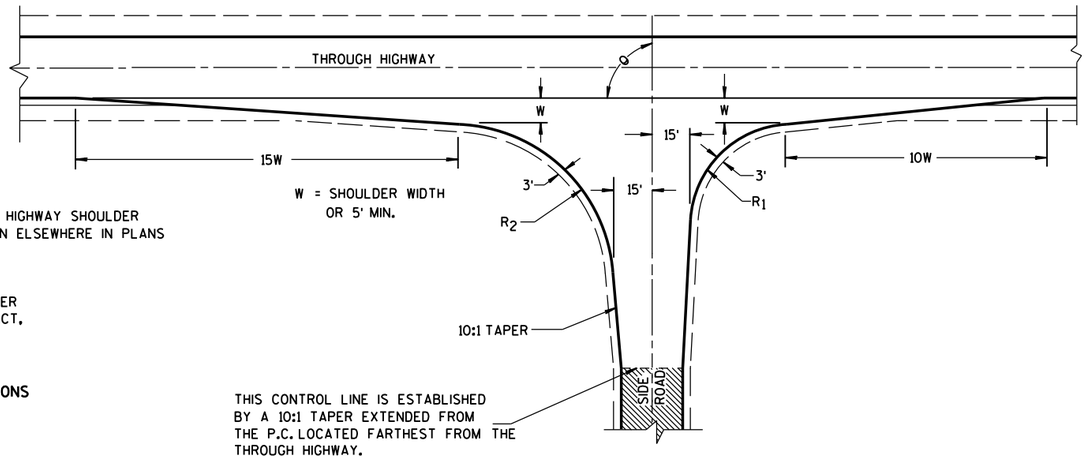


TYPE "B1" AND "B2"

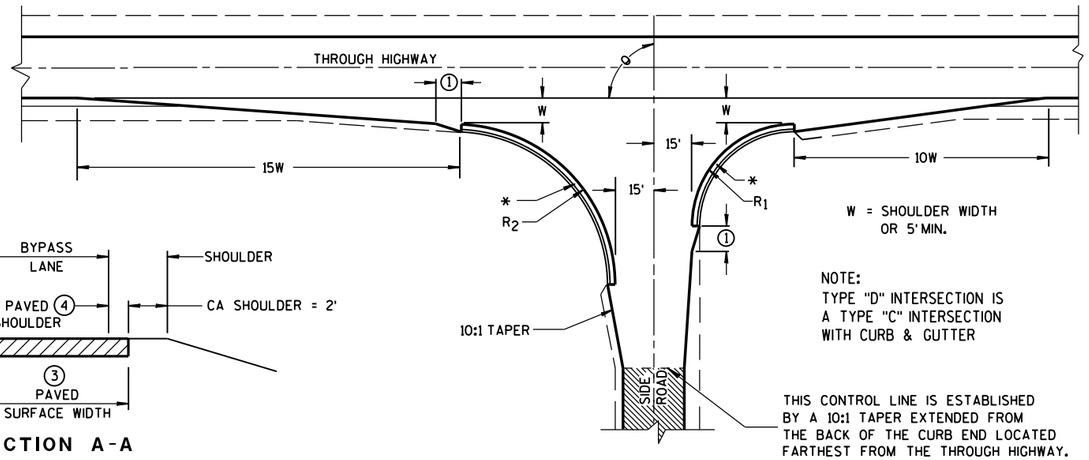
*CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

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

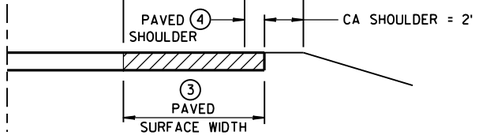
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

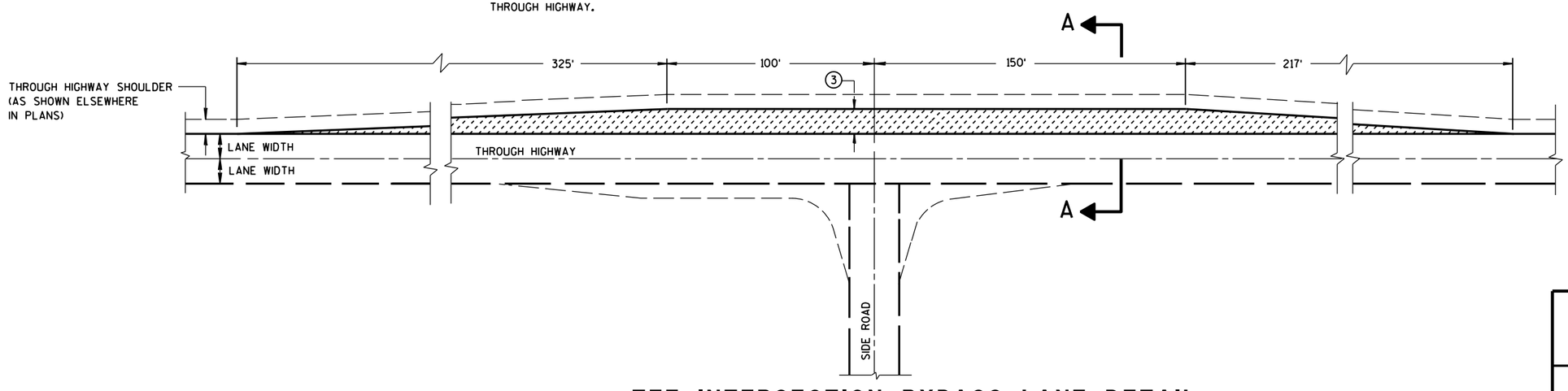
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(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)



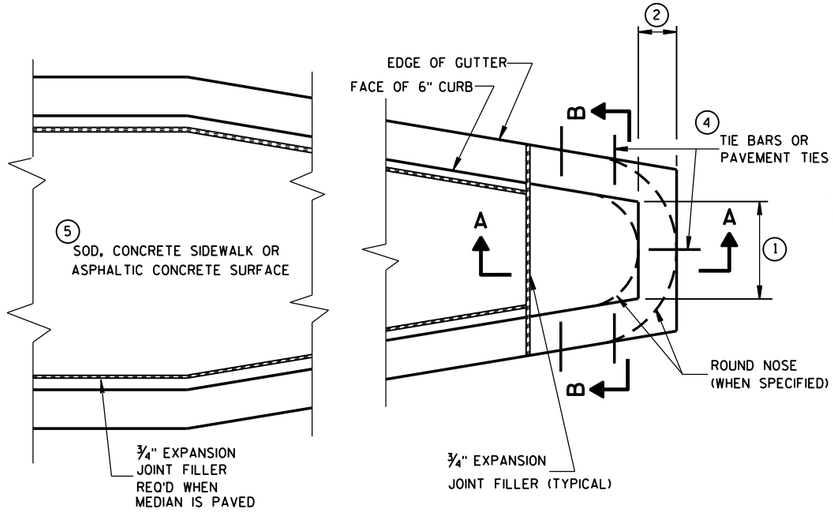
TEE INTERSECTION BYPASS LANE DETAIL

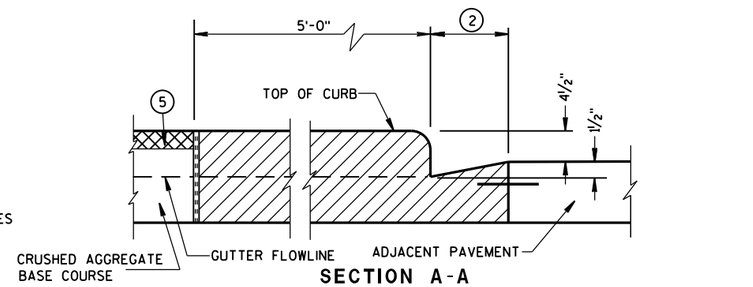
AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

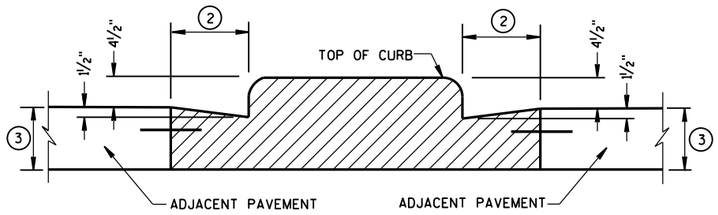
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 9 A 1-13a







CONCRETE MEDIAN BLUNT NOSE DETAIL

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) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

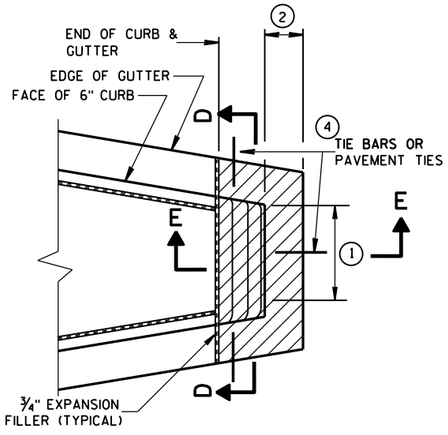
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

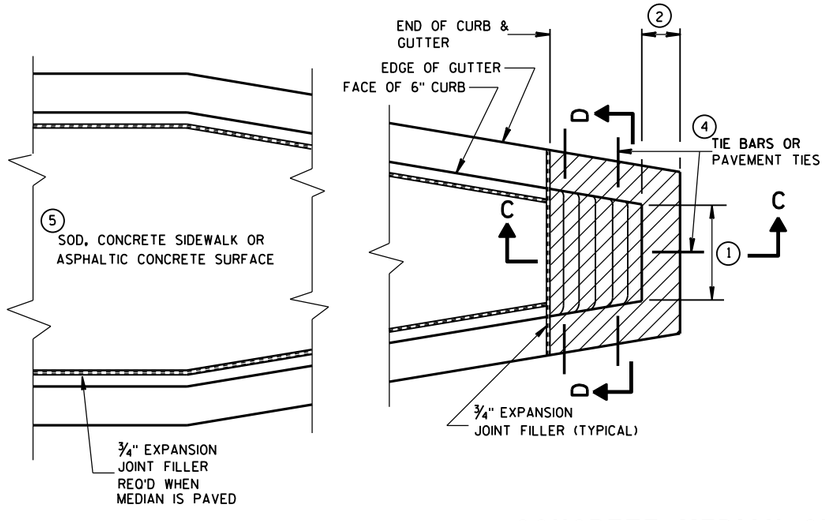
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

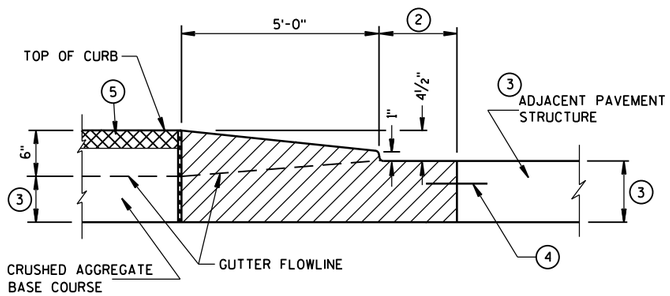
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

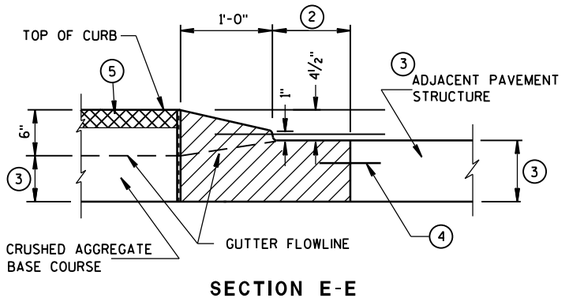
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



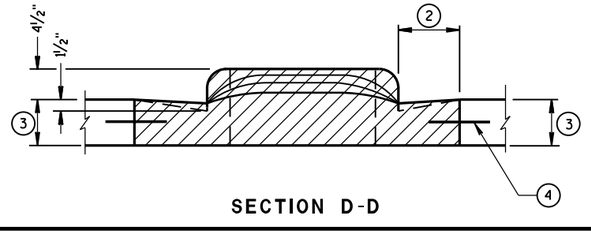




CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN SLOPED NOSE TYPE 2



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

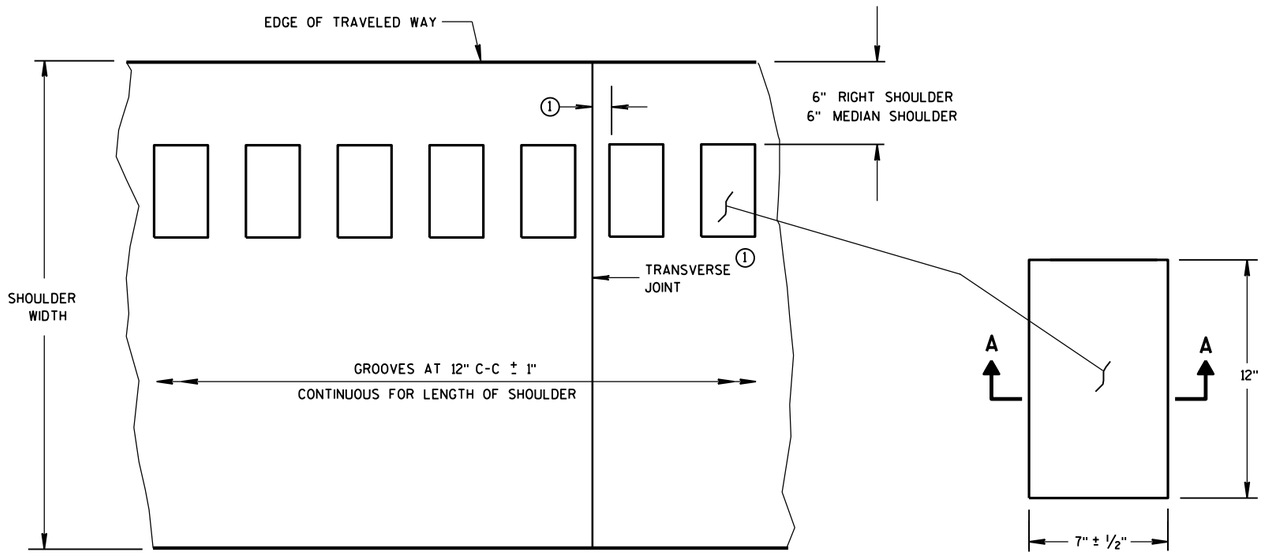
APPROVED
6/8/2006 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 11 B 2-2

6

S.D.D. 11 B 2-2



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

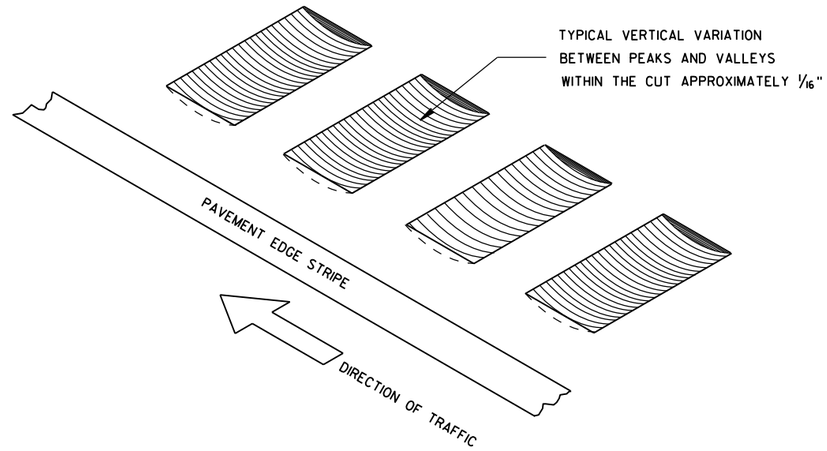
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

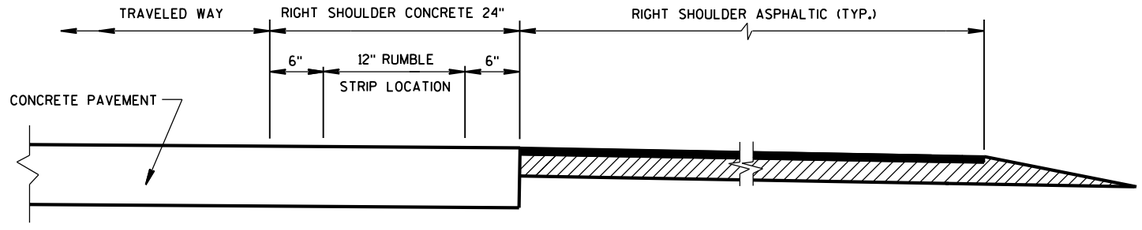
RUMBLE STRIPS ON EXPRESSWAYS

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.

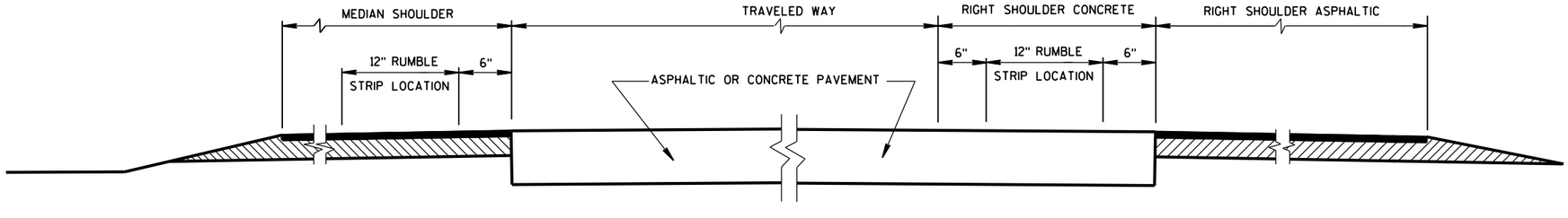
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



ISOMETRIC



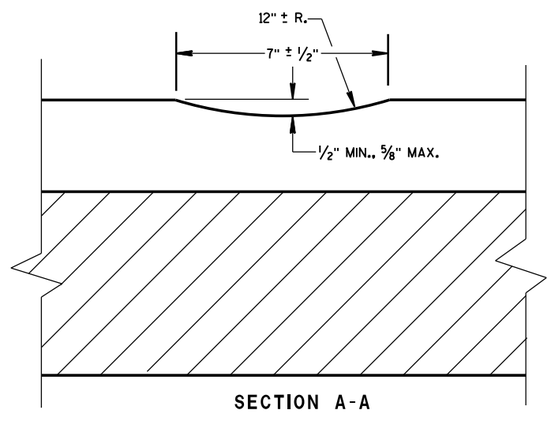
SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)



SECTION A-A

SHOULDER RUMBLE STRIP, MILLING

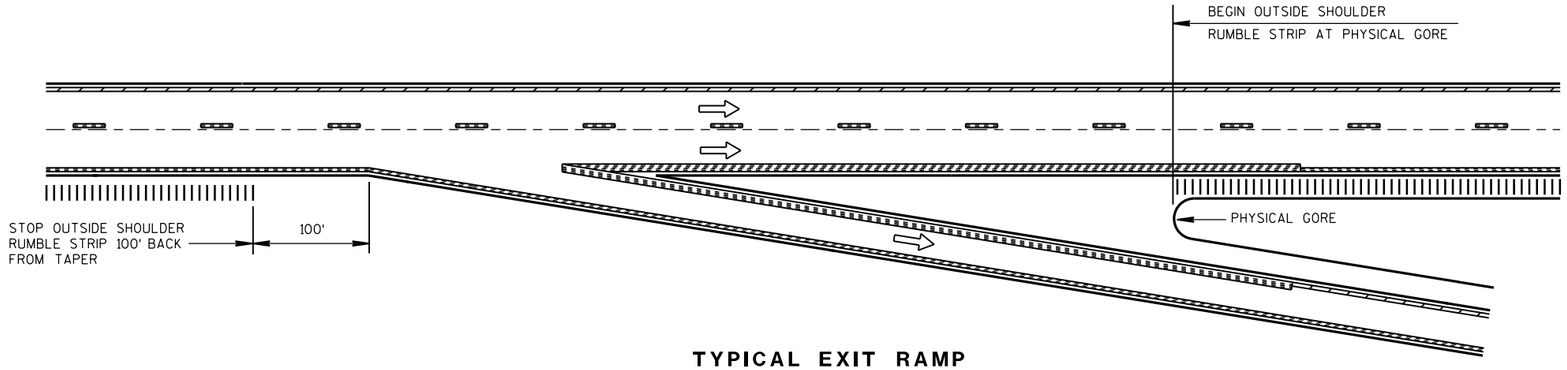
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 13 A 5-5a

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S.D.D. 13 A 5-5a



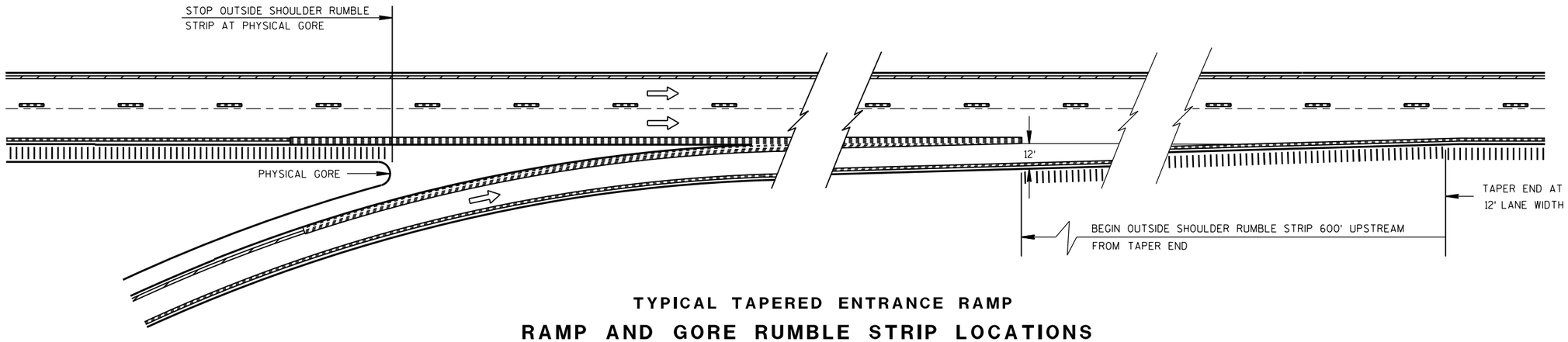
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

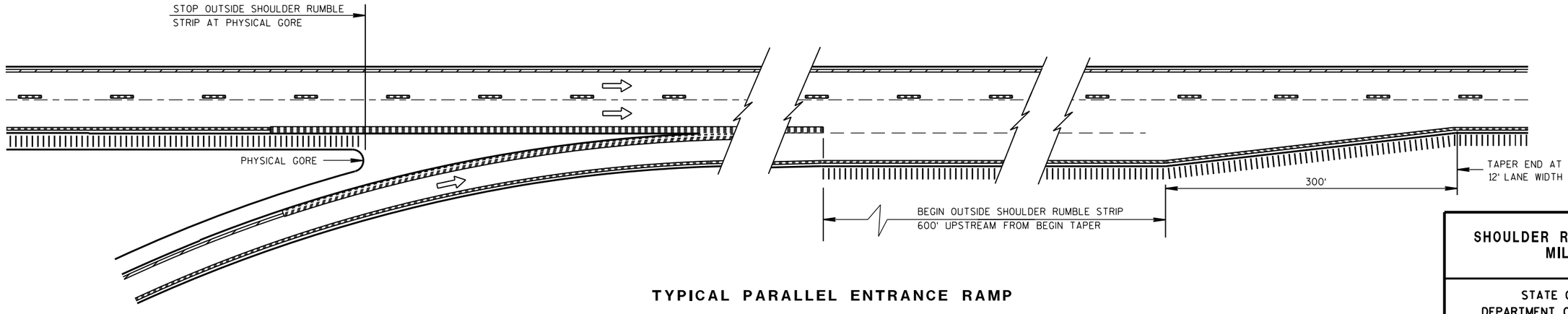
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

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

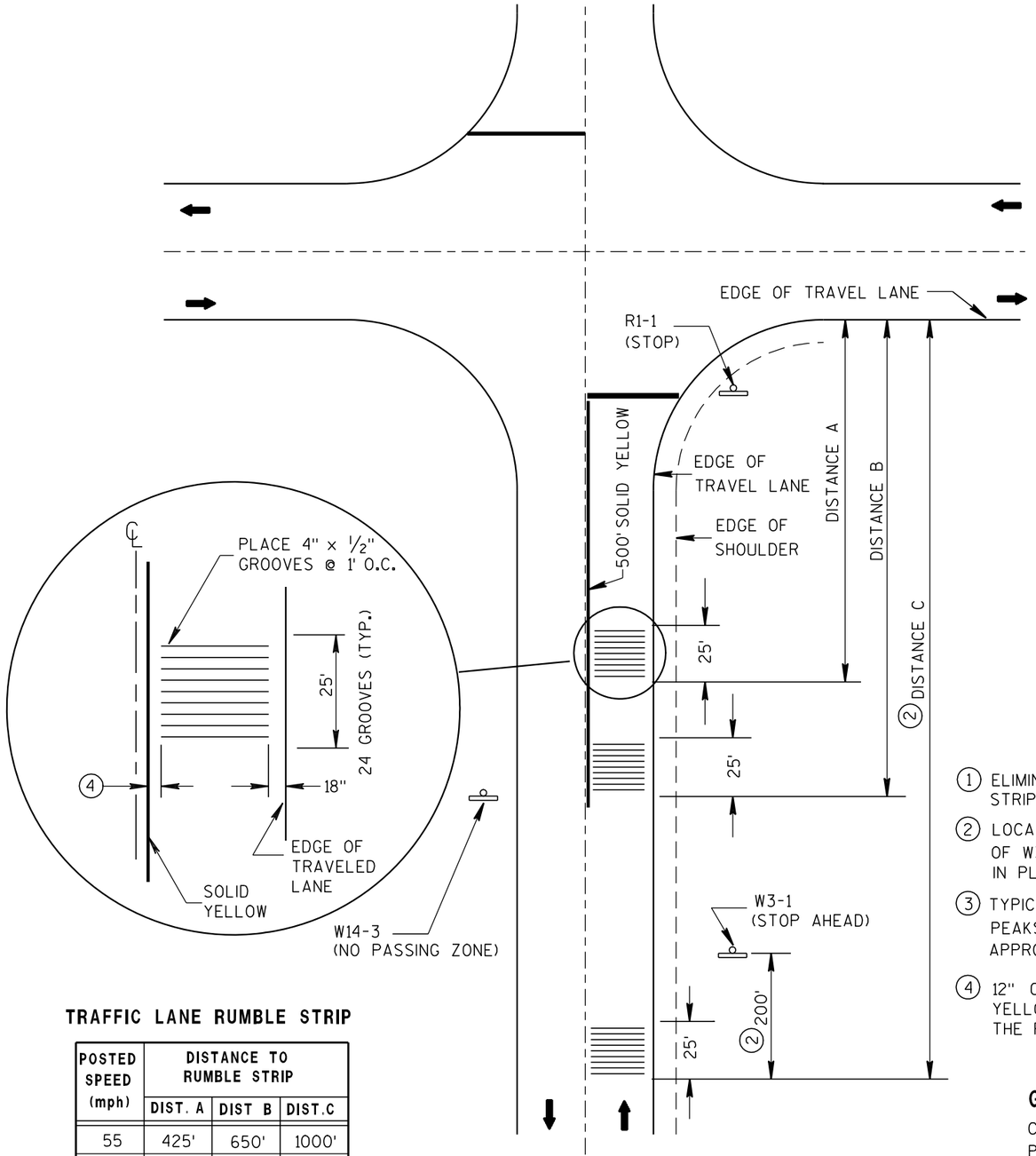
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/17/2012
DATE
/S/ Jerry H. Zoga
ROADWAY STANDARDS ENGINEER
FHWA

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S.D.D. 13 A 5-5b



ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

PLAN VIEW

RUMBLE STRIP LOCATION

TRAFFIC LANE RUMBLE STRIP

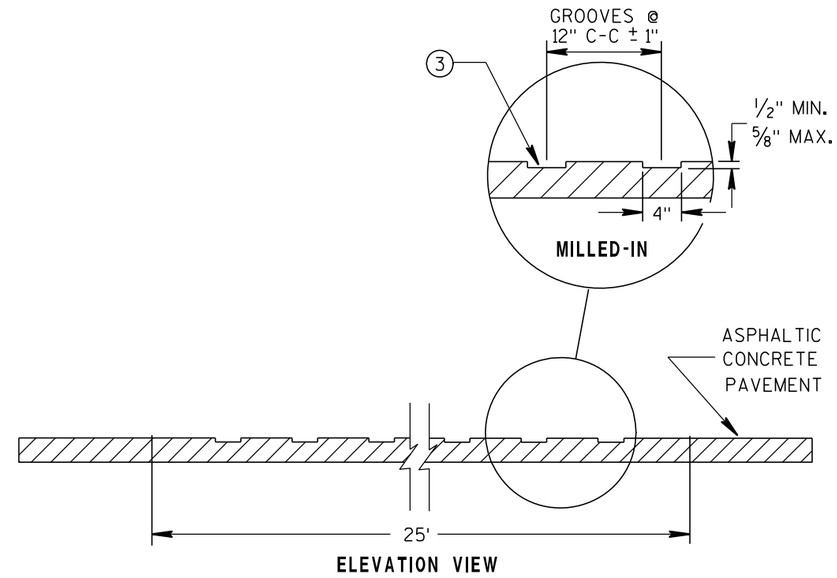
POSTED SPEED (mph)	DISTANCE TO RUMBLE STRIP		
	DIST. A	DIST B	DIST.C
55	425'	650'	1000'
50	325'	450'	800'
45	275'	400'	650'
40	225'	(1)	550'
35	175'	(1)	475'
≤ 30	125'	(1)	425'

(1) ELIMINATE THE MIDDLE SET OF RUMBLE STRIPS.

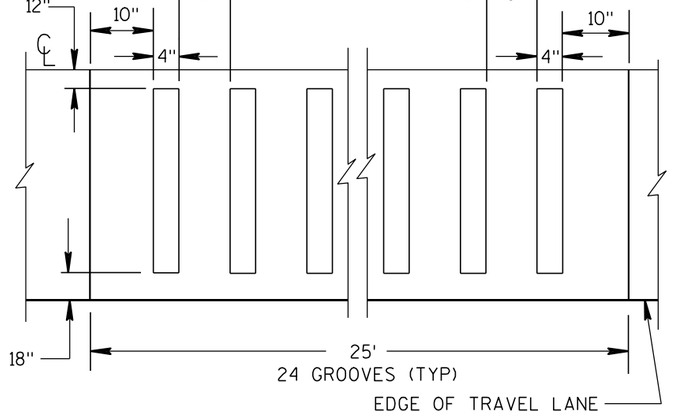
(2) LOCATE RUMBLE STRIP 200' IN ADVANCE OF W3-1 SIGN AS SHOWN. IF W3-1 IS NOT IN PLACE, USE DISTANCE C.

(3) TYPICAL VERTICAL VARIATION BETWEEN PEAKS AND VALLEYS WITHIN THE CUT APPROXIMATELY 1/16"

(4) 12" CLEAR BETWEEN THE SOLID YELLOW LINE AND THE EDGE OF THE RUMBLE.



ELEVATION VIEW



PLAN VIEW

ASPHALTIC PAVEMENT MILLED-IN

GENERAL NOTES

CONTRACTOR SHALL CONFIRM RUMBLE STRIP LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION. THE ENGINEER MAY MODIFY THE RUMBLE STRIP LOCATION AS FIELD CONDITIONS DICTATE.

WHEN ASPHALTIC PAVEMENT IS NEW IN THE RUMBLE AREA THE CONTRACTOR SHALL ALLOW THE PAVEMENT TO CURE A MINIMUM OF 7 DAYS PRIOR TO RUMBLE INSTALLATION.

PAVEMENT MARKING AND SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

ASPHALTIC RUMBLE STRIPS AT INTERSECTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/17/2011
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS | 180
ENGINEER

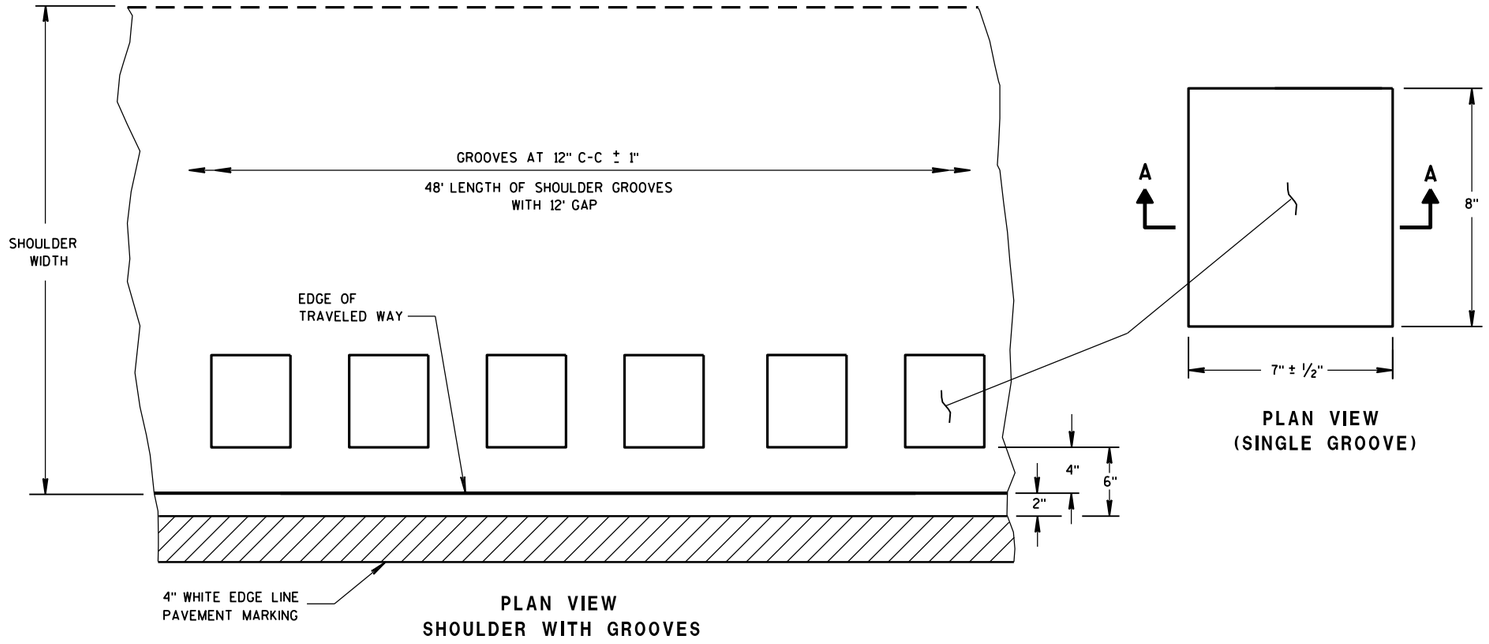
FHWA

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S.D.D. 13 A 8-1

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S.D.D. 13 A 8-1



PLAN VIEW
SHOULDER WITH GROOVES

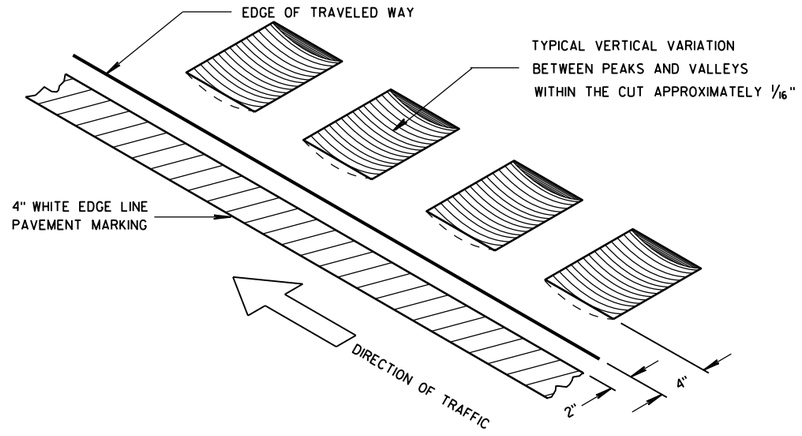
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

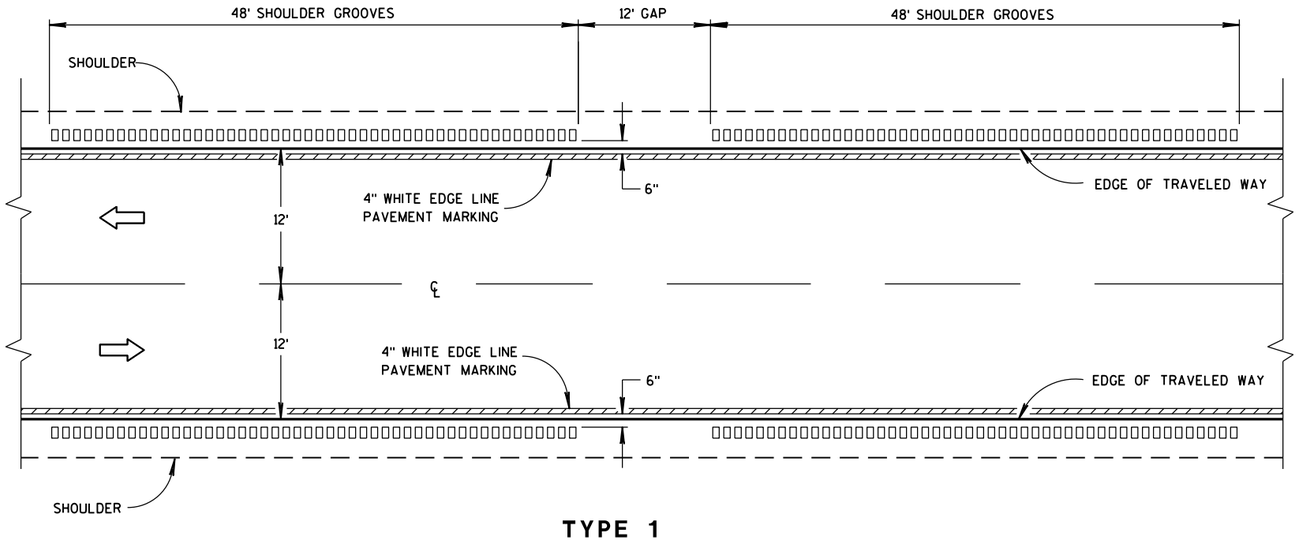
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.

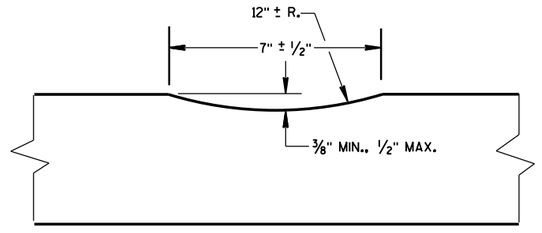


ISOMETRIC

PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP



TYPE 1
2-LANE SHOULDER RUMBLE STRIP



SECTION A-A

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

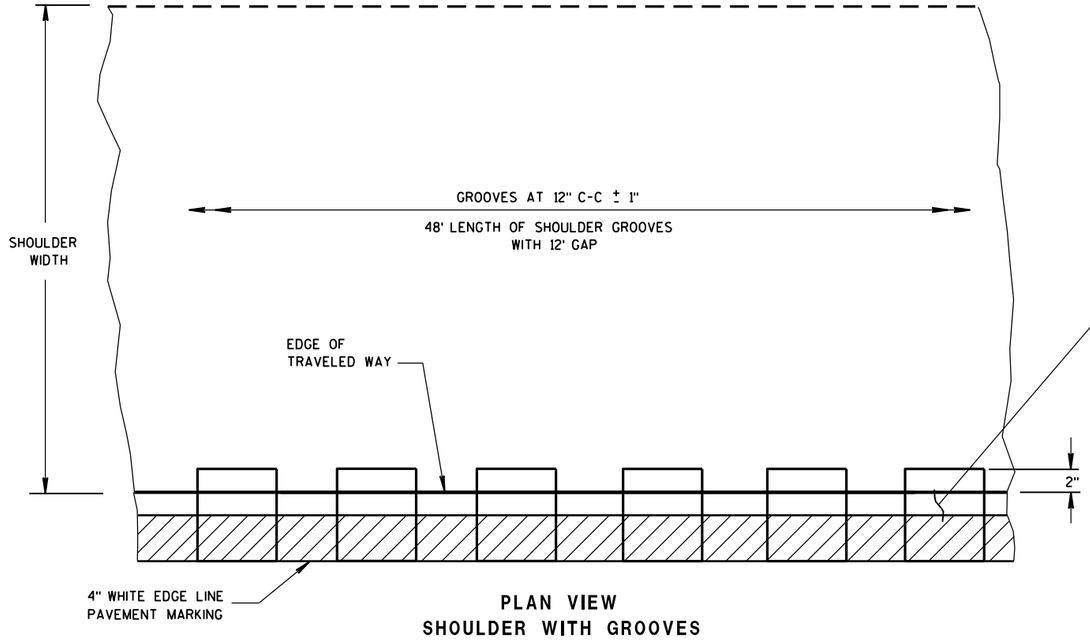
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

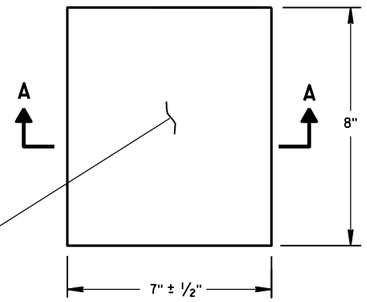
S.D.D. 13 A 10-1a

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S.D.D. 13 A 10-1a



PLAN VIEW
SHOULDER WITH GROOVES



PLAN VIEW
(SINGLE GROOVE)

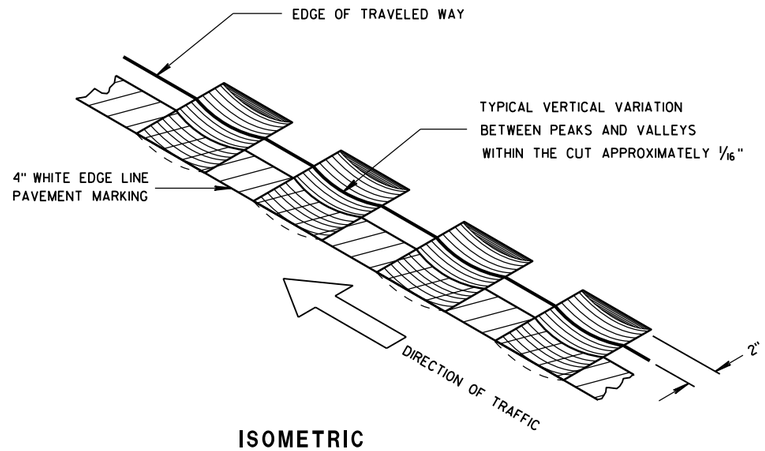
PLACEMENT DETAIL FOR TYPE 2 MILLED RUMBLE STRIP

GENERAL NOTES

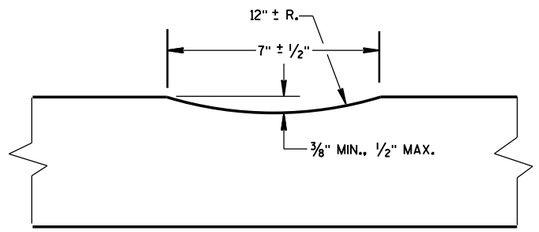
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

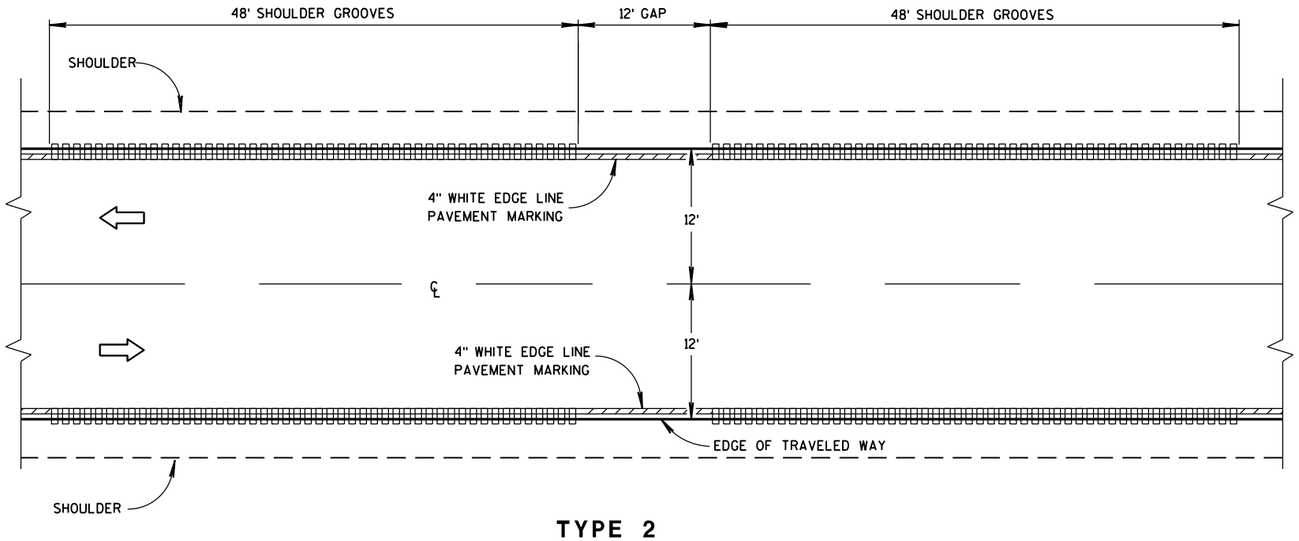
(1) SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



ISOMETRIC



SECTION A-A



TYPE 2
2-LANE SHOULDER RUMBLE STRIP

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

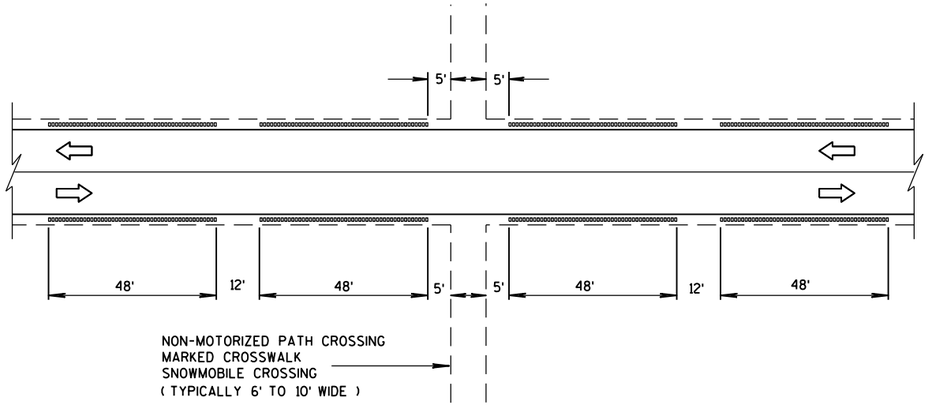
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

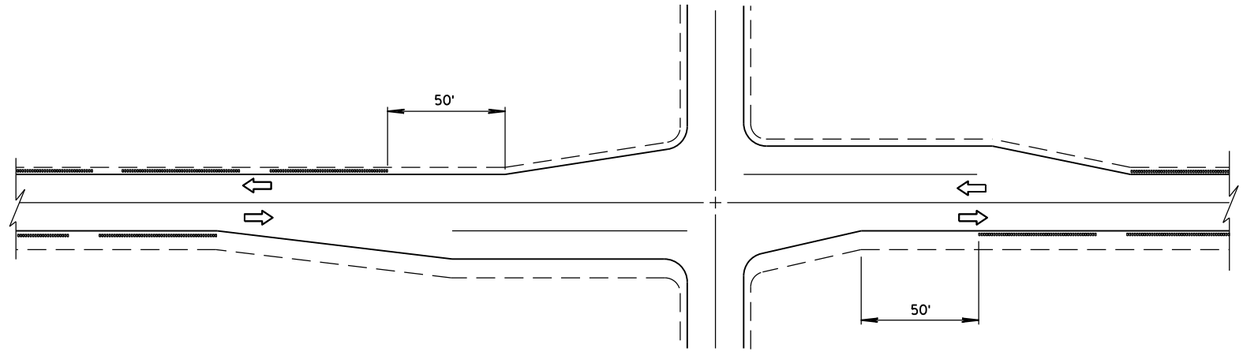
S.D.D. 13 A 10-1b

6

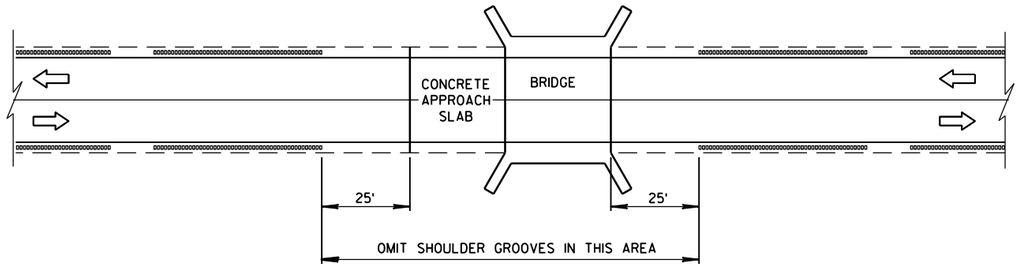
S.D.D. 13 A 10-1b



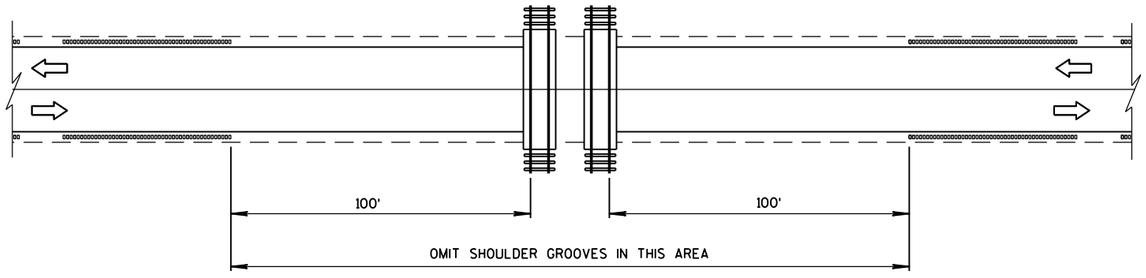
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



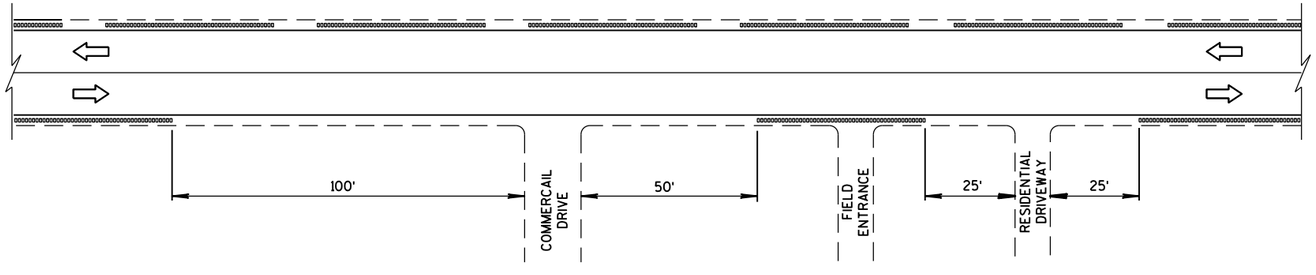
SHOULDER GROOVES AT INTERSECTIONS



SHOULDER GROOVES AT BRIDGES



SHOULDER GROOVES AT RAILROADS

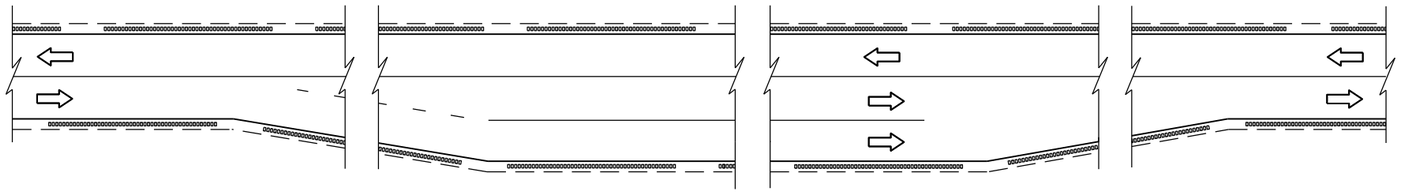


SHOULDER GROOVES AT DRIVEWAYS (1)

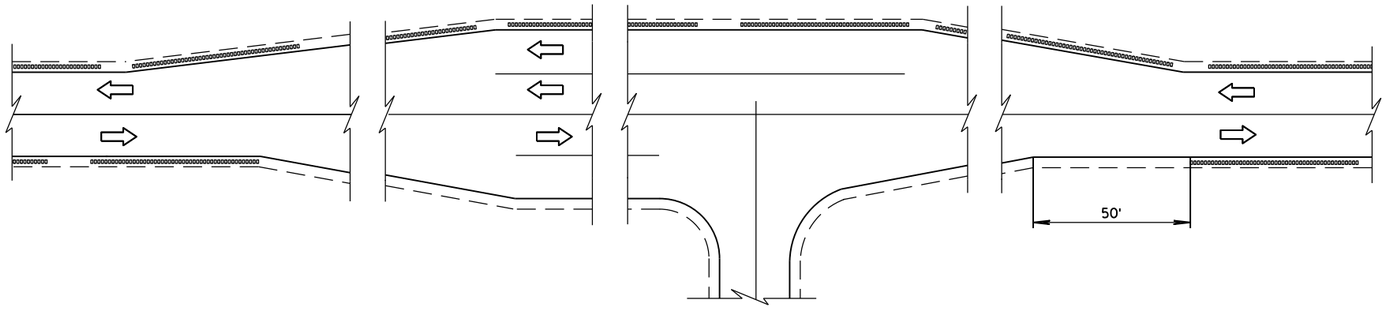
2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 13 A 10-1c



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

6

6

S.D.D. 13 A 10-1d

S.D.D. 13 A 10-1d

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

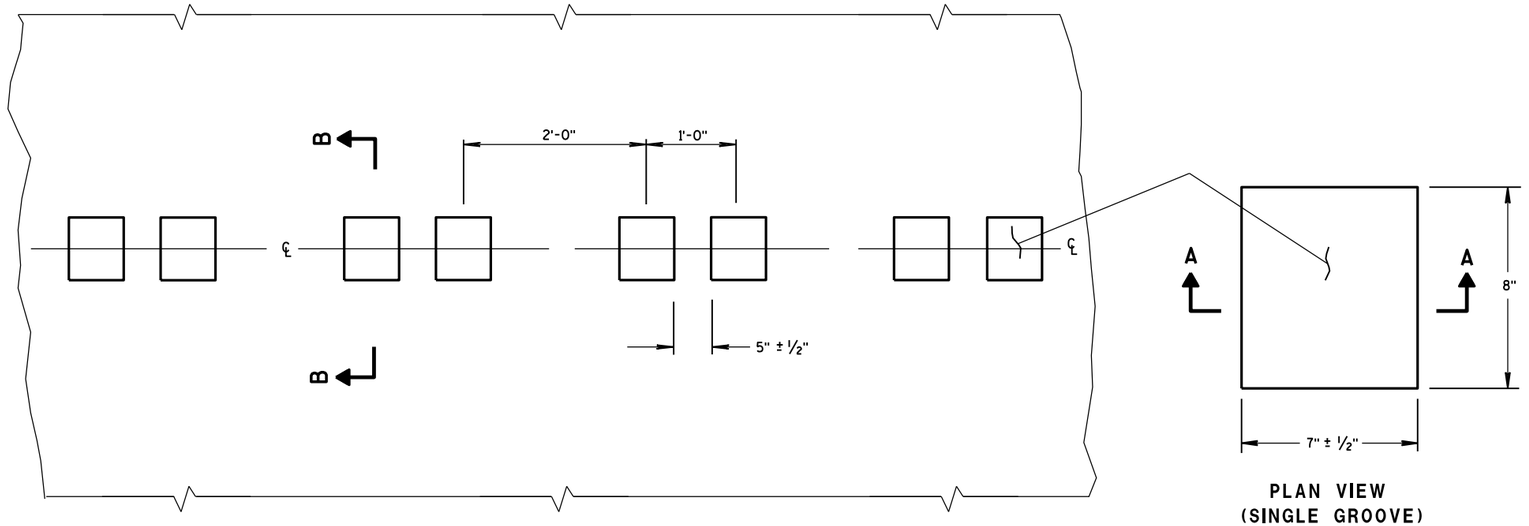
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/17/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA



PLAN VIEW
CENTER LINE WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

GENERAL NOTES

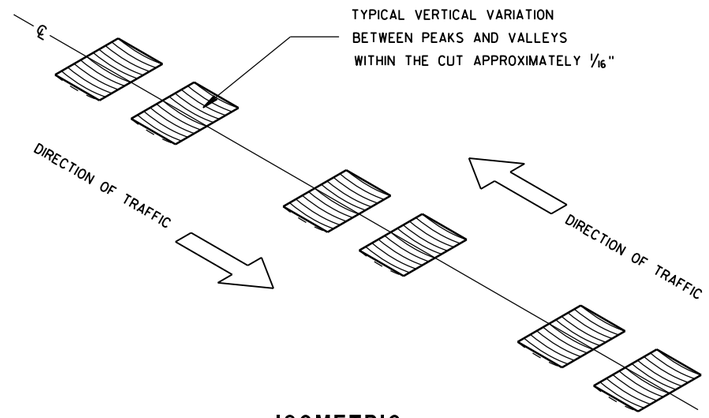
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL CENTER LINE GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

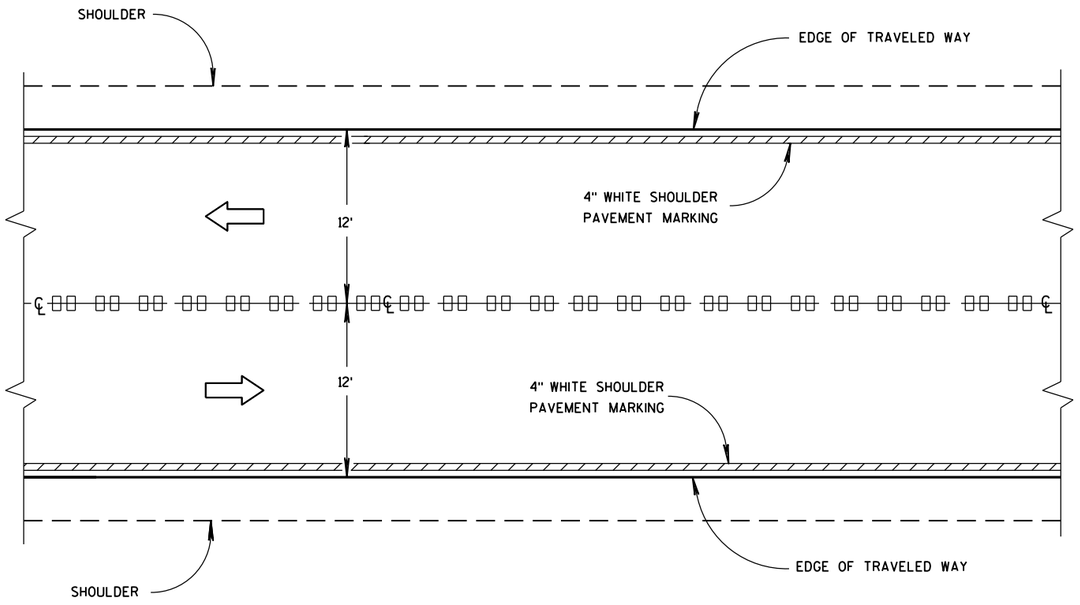
INSTALL PAVEMENT MARKING AFTER THE GROOVES ARE INSTALLED.

SEE SIGNING PLAN FOR SIGN REQUIREMENTS THAT MAY BE NEEDED.

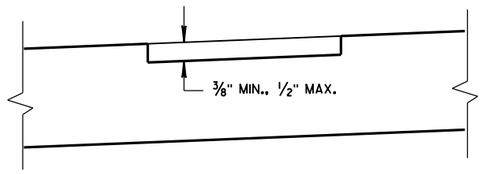
(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



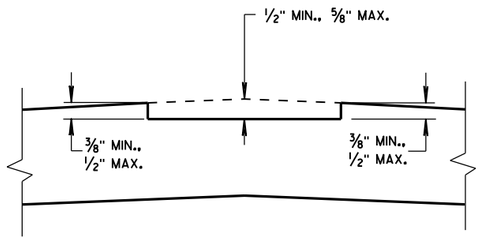
ISOMETRIC



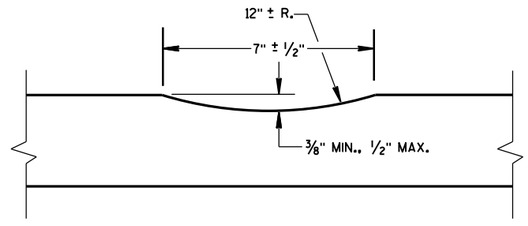
CENTER LINE GROOVES ON TWO-WAY ROADWAYS



SECTION B-B
SUPERELEVATED ROADWAY



SECTION B-B
CROWNED ROADWAY



SECTION A-A

2-LANE RURAL
CENTER LINE RUMBLE STRIP,
MILLING

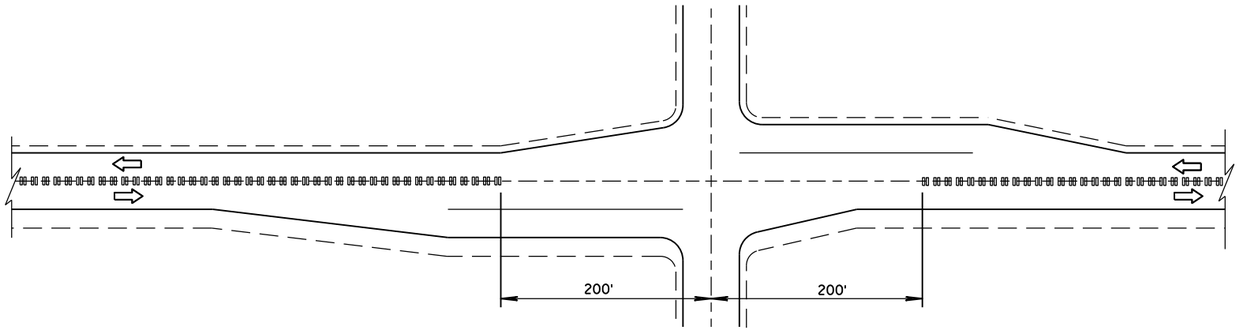
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

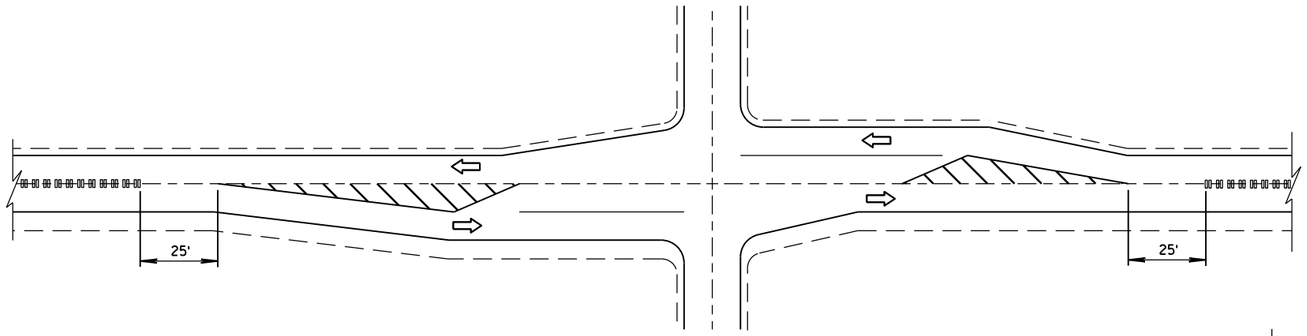
S.D.D. 13 A 11-2a

6

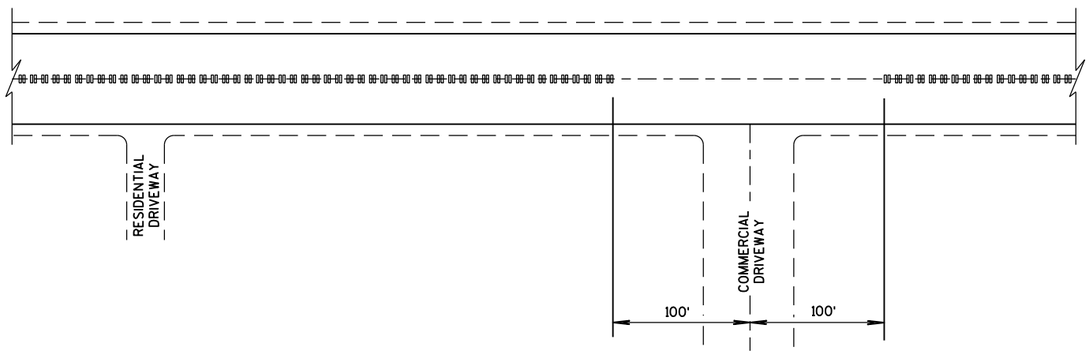
S.D.D. 13 A 11-2a



CENTER LINE GROOVES AT INTERSECTIONS

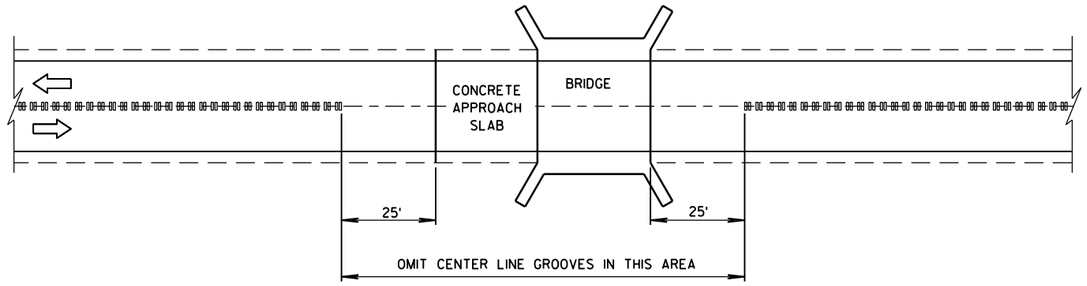


CENTER LINE GROOVES AT INTERSECTIONS
(WITH LEFT TURN LANES)

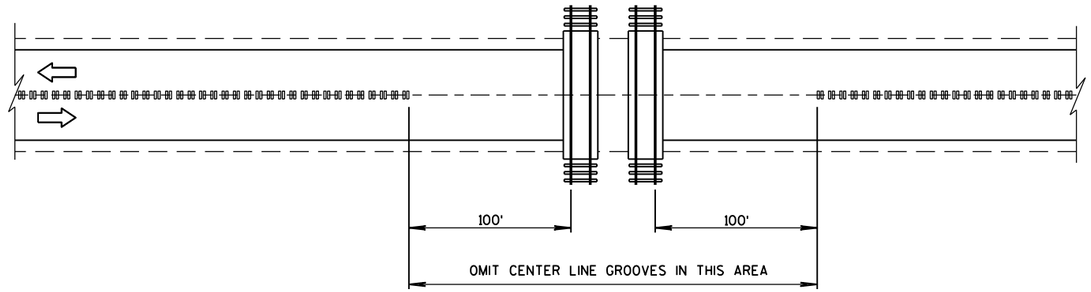


CENTER LINE GROOVES AT DRIVEWAYS (1)

(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



CENTER LINE GROOVES AT BRIDGES



CENTER LINE GROOVES AT RAILROADS

6

S.D.D. 13 A 11-2b

6

S.D.D. 13 A 11-2b

2-LANE RURAL
CENTER LINE RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

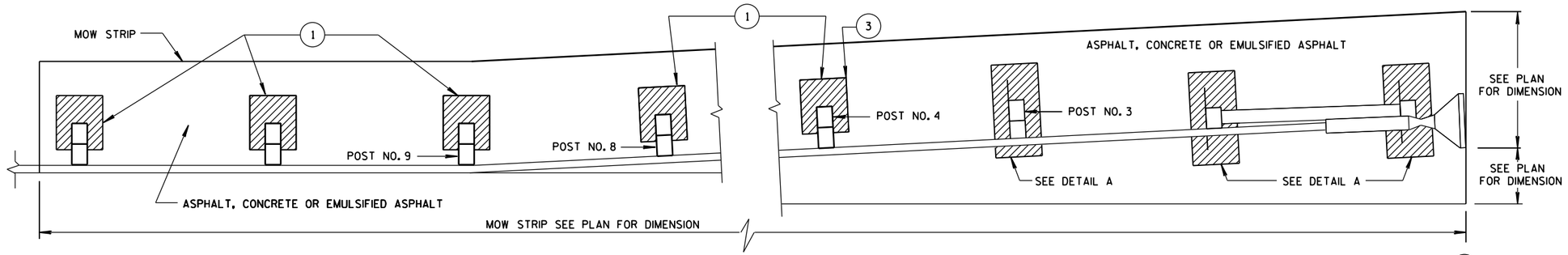
APPROVED

5/15/2013
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

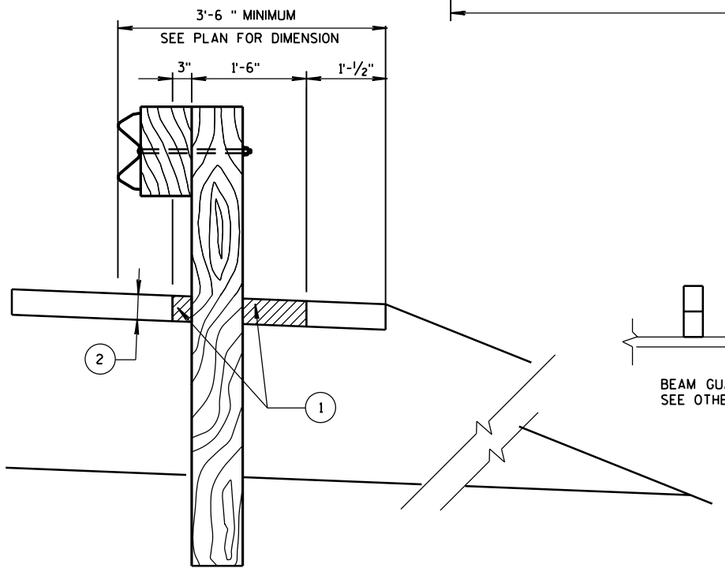
NT

FHWA

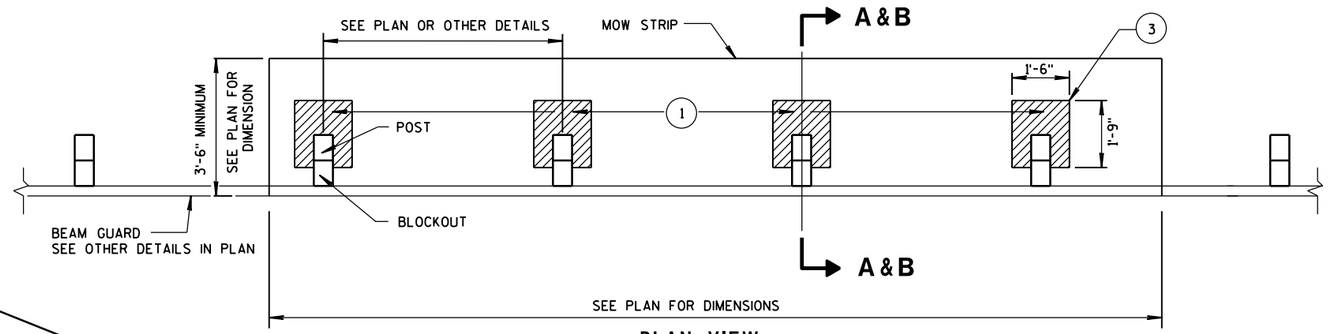


PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABORBING TERMINAL

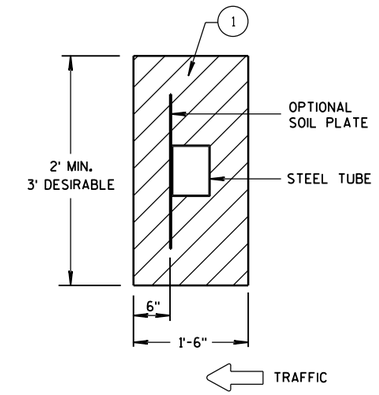


SECTION A-A

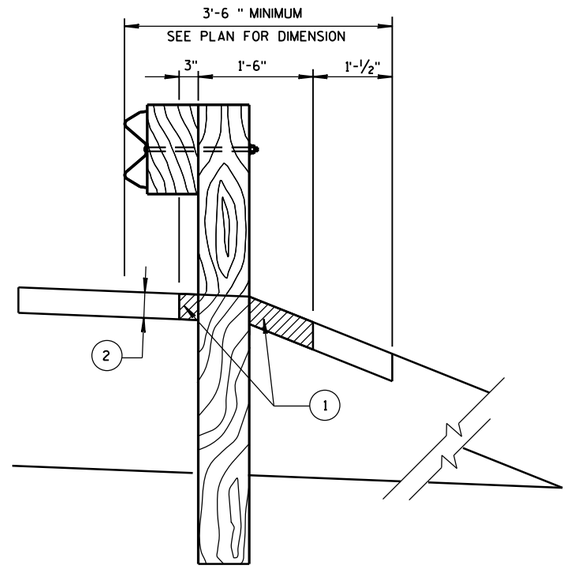


PLAN VIEW

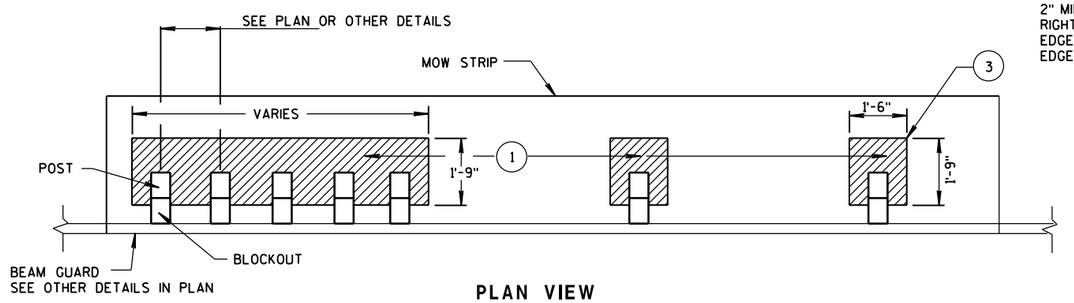
MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT



DETAIL A

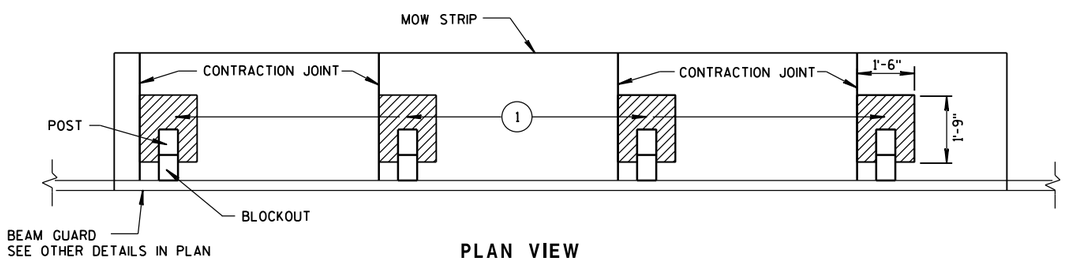


SECTION B-B



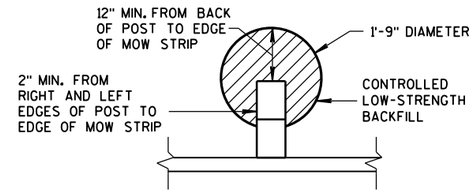
PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP



ALTERNATIVE HMA
MOW STRIP DESIGN

(1) CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.

(2) DEPTH OF MOW STRIP:
ASPHALT - 4"
CONCRETE - 4"
EMULSIFIED ASPHALT - 1" OR LESS

(3) FOR EMULSIFIED ASPHALT MOW STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS.)

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA
NT

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.

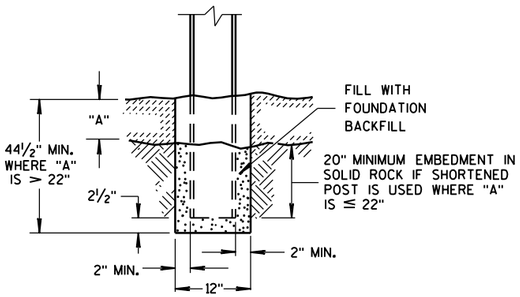
② USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

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.

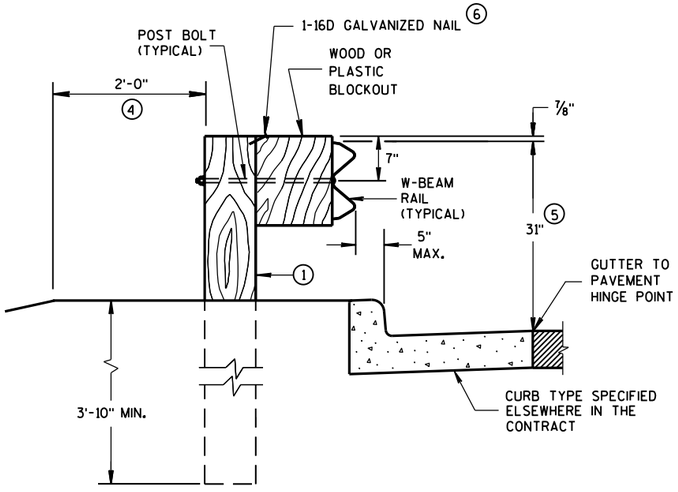
④ WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

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".

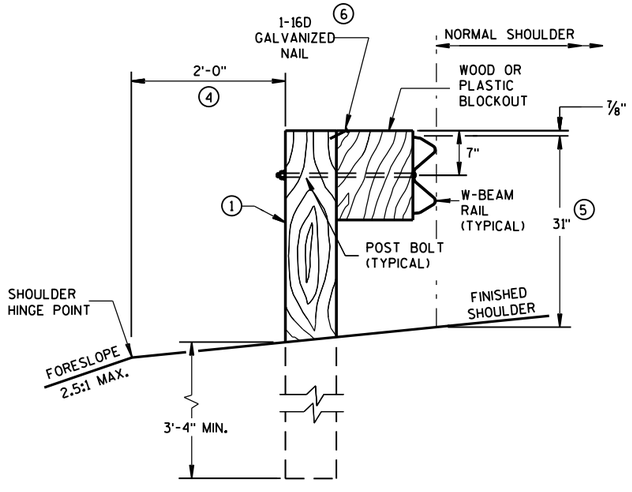
⑥ WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



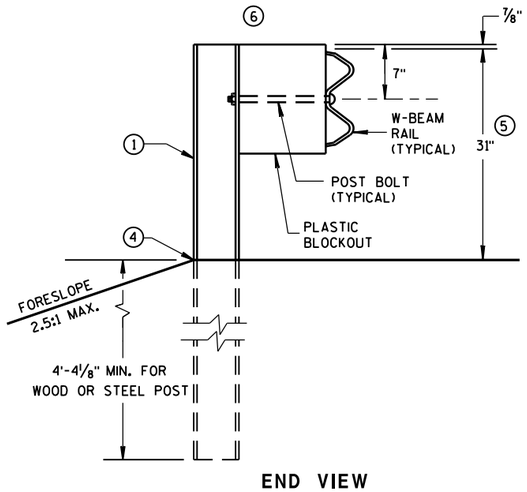
END VIEW
SETTING STEEL OR WOOD POST IN ROCK ③



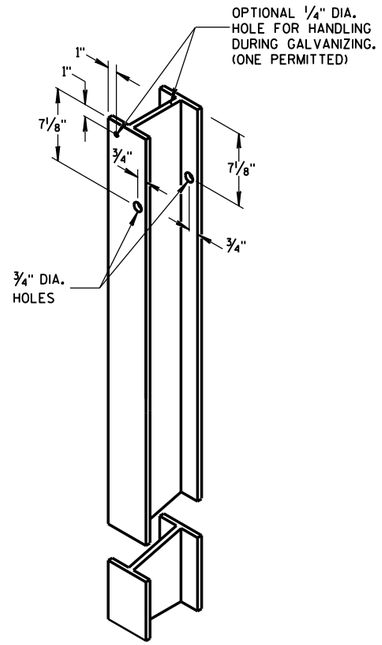
END VIEW
LOCATED ALONG A CURBED ROADWAY



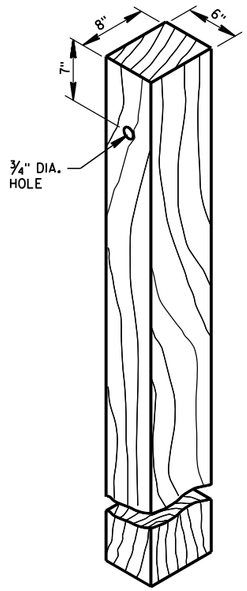
END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



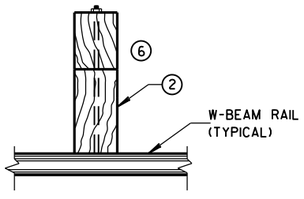
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



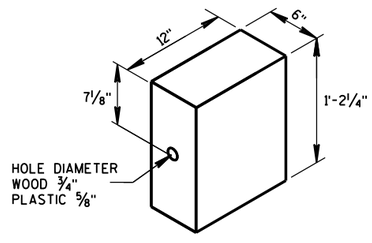
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) ①



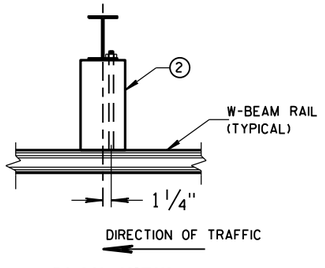
WOOD POST
(6" X 8") NOMINAL ①



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT ②



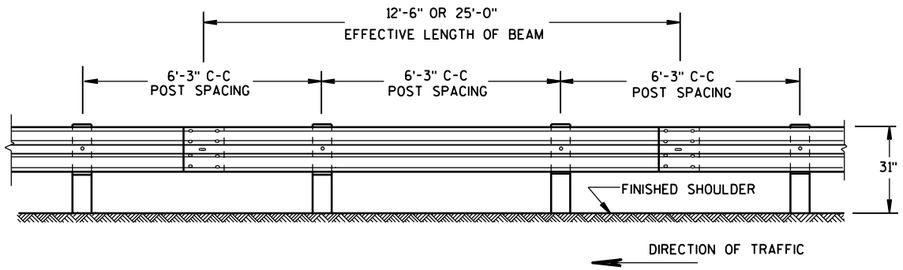
PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

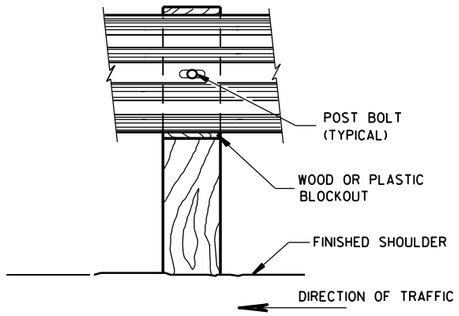
6

S.D.D. 14 B 42-4a



FRONT VIEW

POST SPACING STANDARD INSTALLATION



FRONT VIEW AT WOOD POST

7. PROVIDE SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH YELLOW REFLECTIVE SHEETING. SHEETING IS TYPE H. SEE STANDARD SPECIFICATION 637.

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.

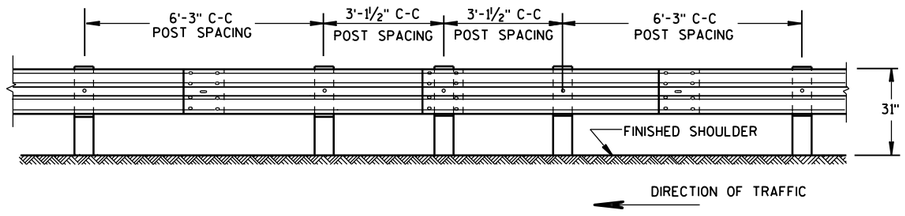
9. REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.

10. PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.

11. 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

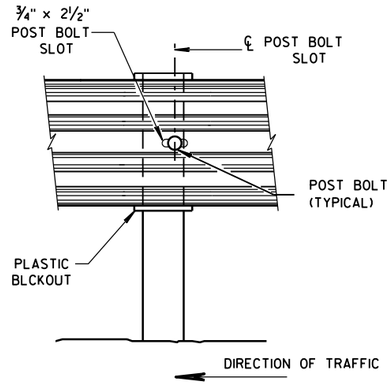
POST BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND 5/8" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

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.

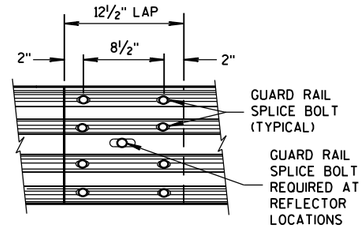


FRONT VIEW

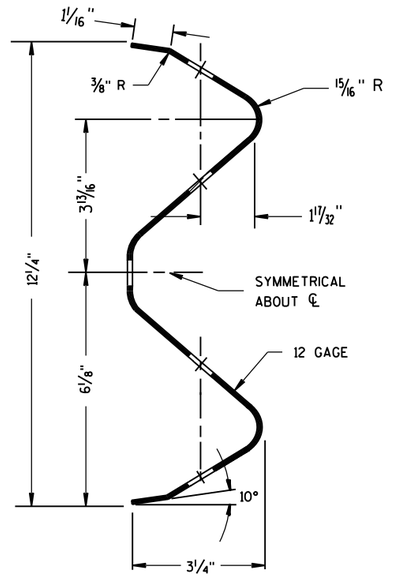
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



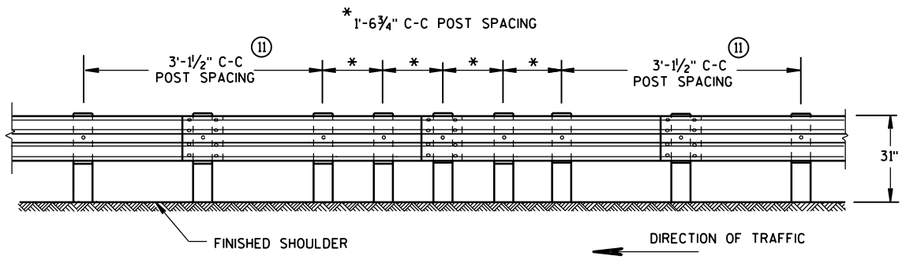
FRONT VIEW AT STEEL POST



FRONT VIEW
MID-SPAN BEAM SPLICE

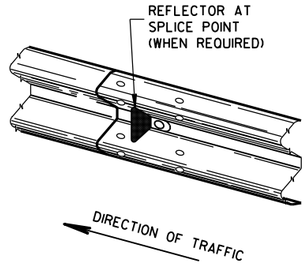


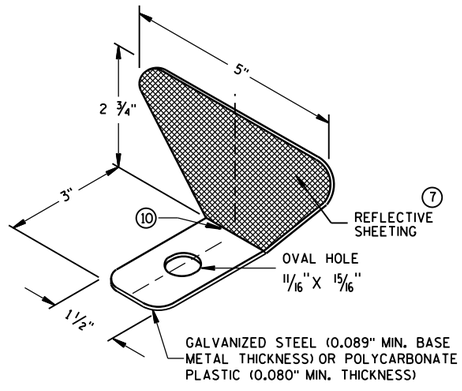
SECTION THRU W-BEAM RAIL



FRONT VIEW

QUARTER POST SPACING (QS)





ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION 7

REFLECTOR SPACING 8

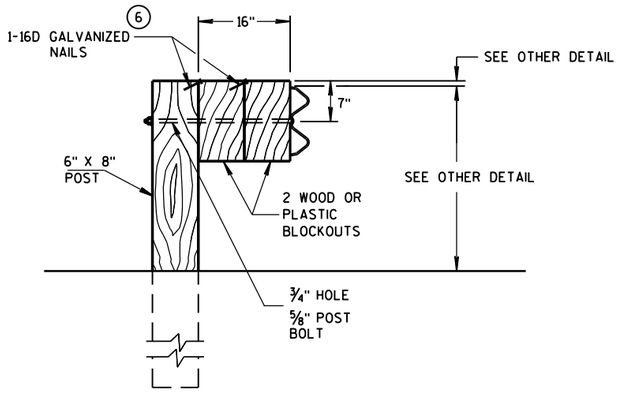
	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 9	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2	3
	> 200'	100' C-C	2 10	

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

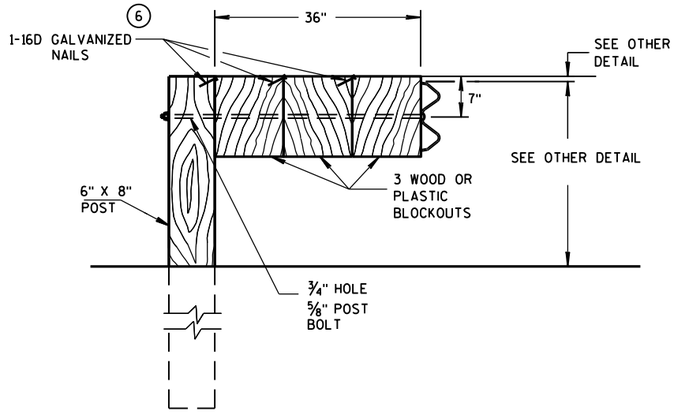
6

S.D.D. 14 B 42-4b



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.

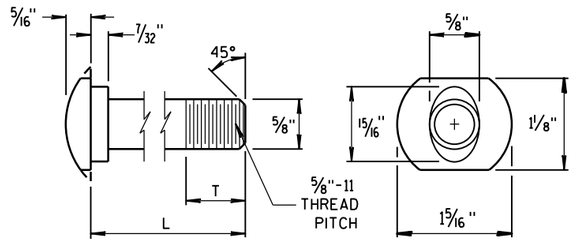


DETAIL FOR 36" BLOCKOUT DEPTH

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.

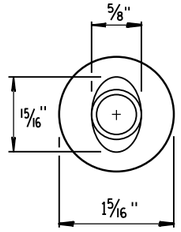
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

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.

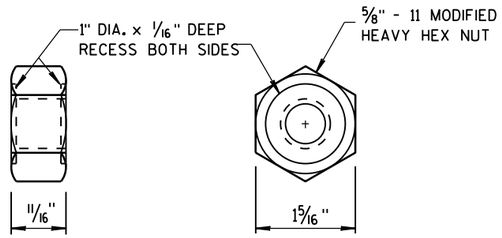


POST BOLT TABLE

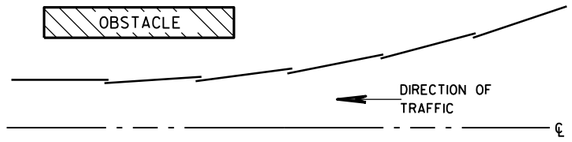
L	T (MIN.)
1 1/4"	1 1/8"
2"	1 3/4"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

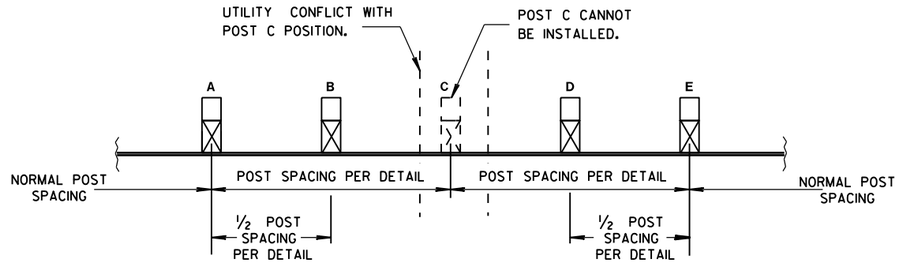


POST BOLT, SPLICE BOLT AND RECESS NUT

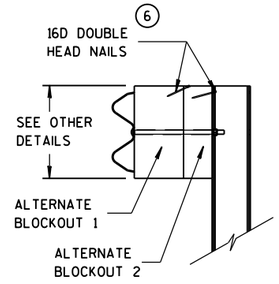


PLAN VIEW

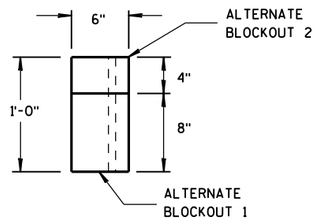
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 14 B 42-4c

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.

(D) THE TOP OF THE STEEL TUBE ON POST 1 AND POST 2 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

(G) ½" DIAMETER X 3" LONG LAG BOLT AND WASHER.

(H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

(I) DIMENSIONS MAY VARY. SEE MANUFACTURE'S INFORMATION.

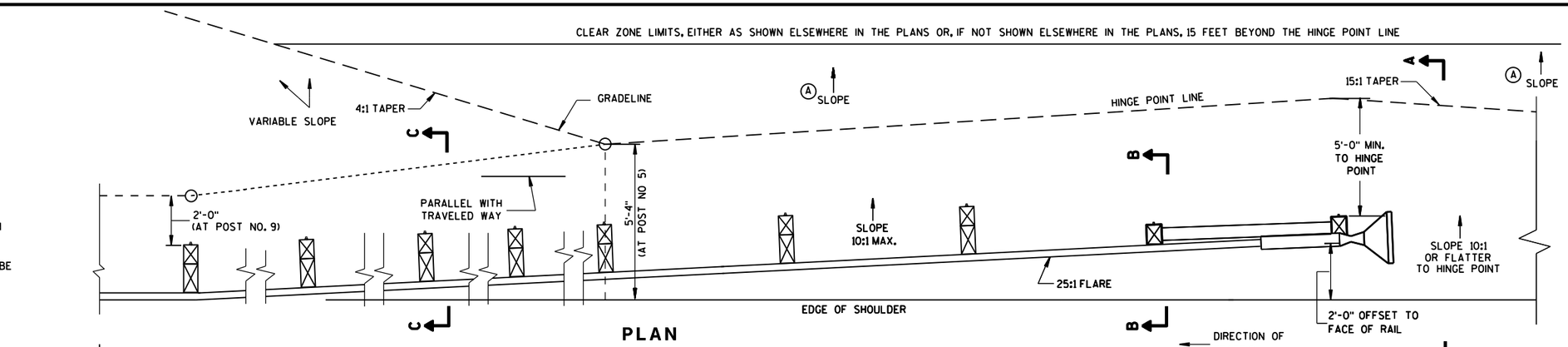
SEE SDD 14B42 FOR MORE INFORMATION.

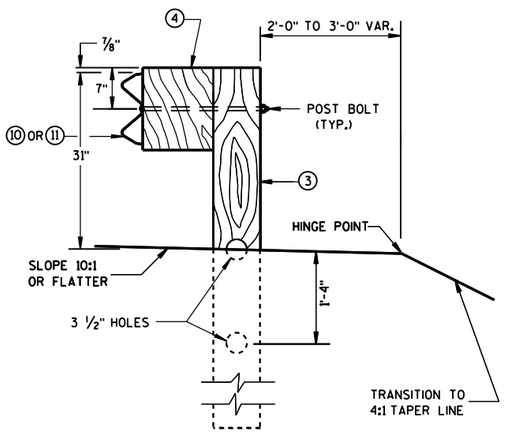
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

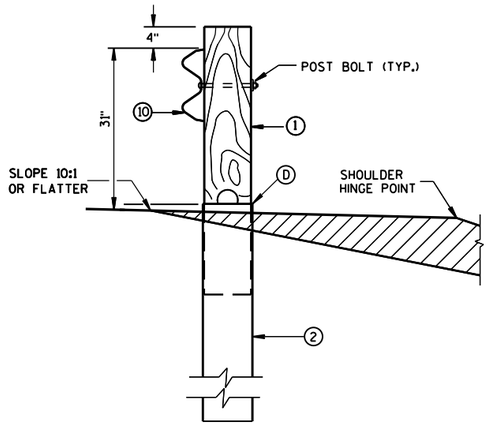
W-BEAM RAIL SPLICES ARE LOCATED AT POST NUMBER 3, AND BETWEEN POST 5 AND 6, BETWEEN POSTS 7 AND 8, AND MIDDLE OF THE SPAN AFTER POST 9.

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.

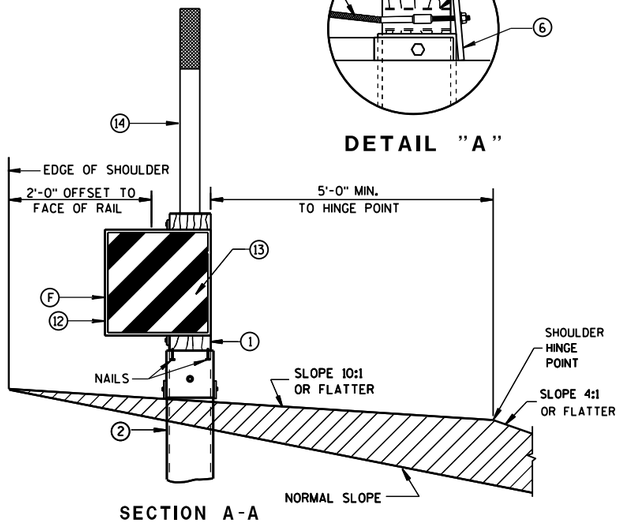




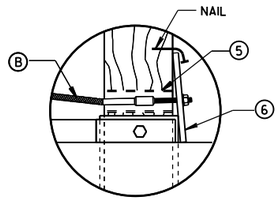
SECTION C-C
TYPICAL AT POST NOS. 3-9



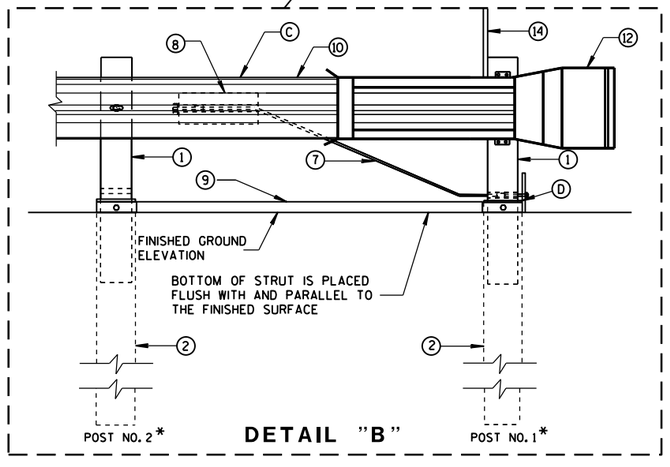
SECTION B-B
TYPICAL AT POST NO. 2*



SECTION A-A
TYPICAL AT POST NO. 1*



DETAIL "A"



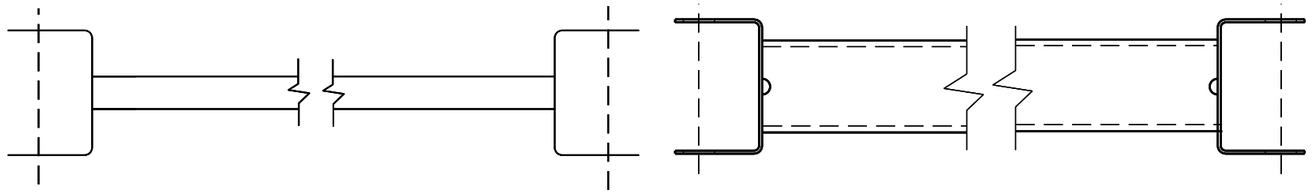
DETAIL "B"

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

S.D.D. 14 B 44-2a

S.D.D. 14 B 44-2a

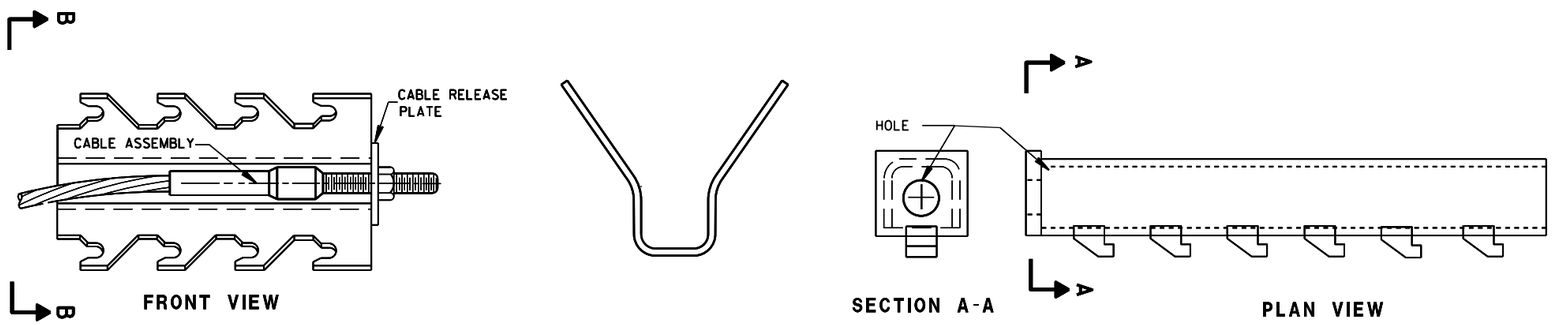


⑨ Ⓗ

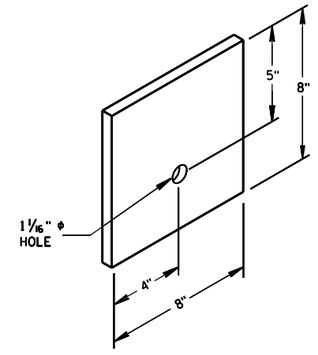
GENERIC GROUND STRUT

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
①	WOOD BREAKAWAY POST
②	6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE AT POSTS 1 AND 2
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	END SECTION EAT
⑬	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
⑭	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)



GENERIC ANCHOR CABLE BOX ⑧ Ⓗ



BEARING PLATE ⑥

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

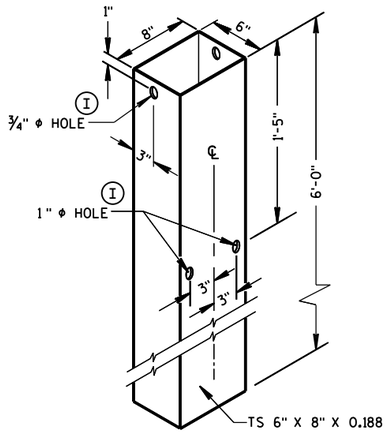
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

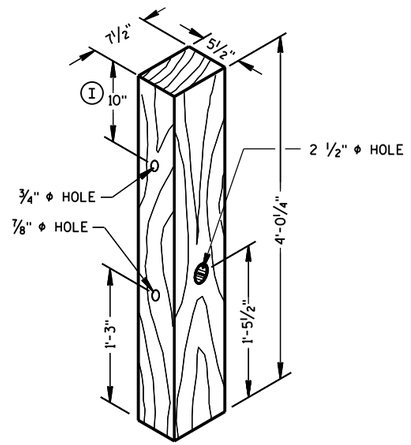
S.D.D. 14 B 44-2b

6

S.D.D. 14 B 44-2b

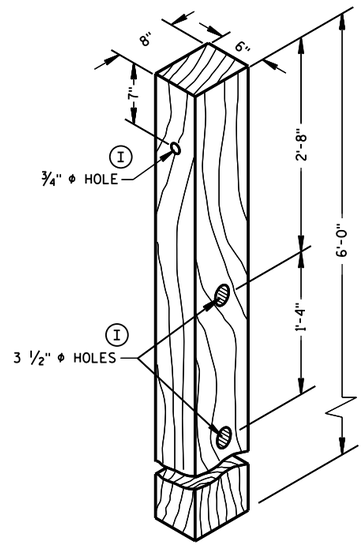


FOUNDATION TUBE (2)



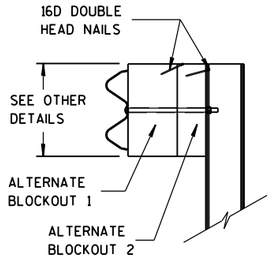
POSTS NUMBER 1 AND 2

WOOD BREAKAWAY POST (1)

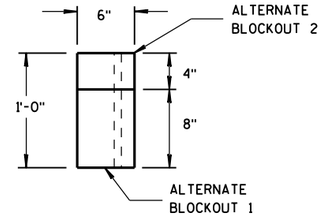


POSTS NUMBER 3-9

WOOD CRT POST (3)

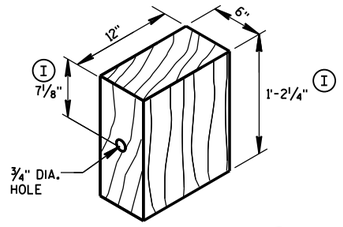


SIDE VIEW



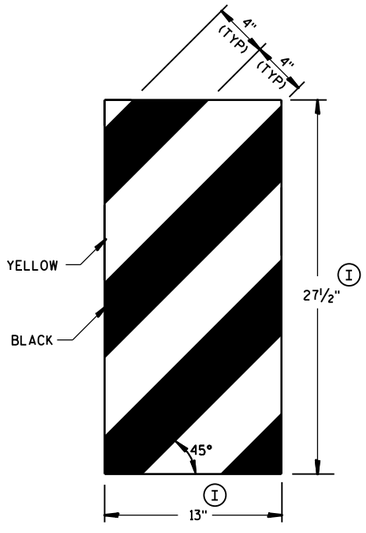
TOP VIEW

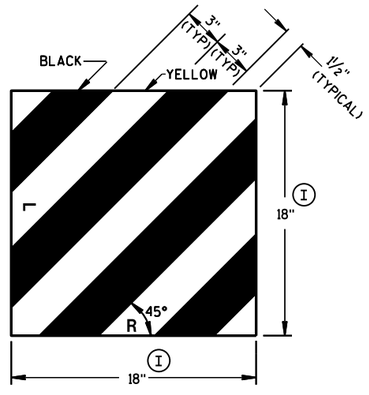
ALTERNATE WOOD BLOCKOUT DETAIL



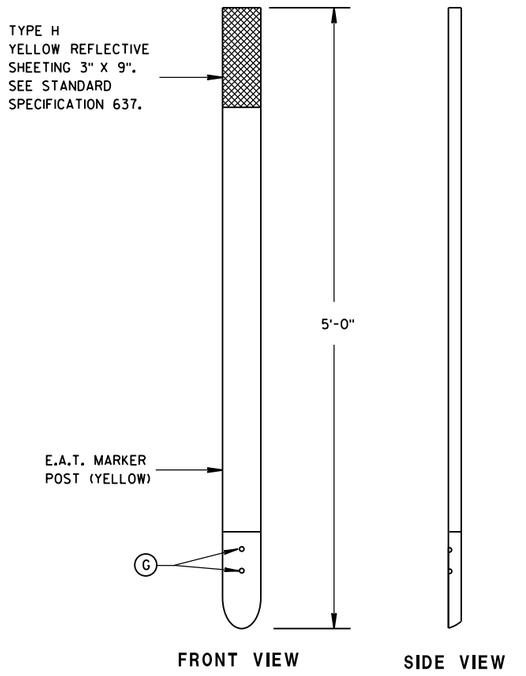
WOOD BLOCKOUT (4)

REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2





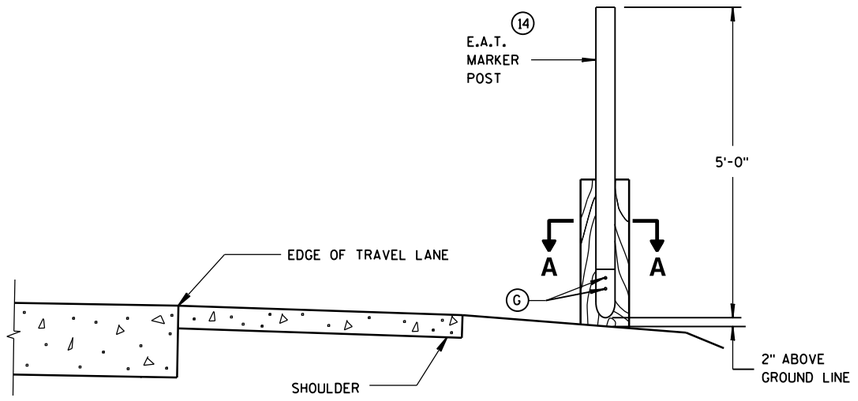
GENERIC REFLECTIVE SHEETING (13) (H)



FRONT VIEW

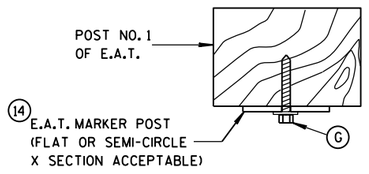
SIDE VIEW

E.A.T. MARKER POST (14)



TYPICAL INSTALLATION OF E.A.T. MARKER POST BACKSIDE OF POST NO. 1

(E.A.T. AND RAIL REMOVED FOR CLARITY)



SECTION A-A

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

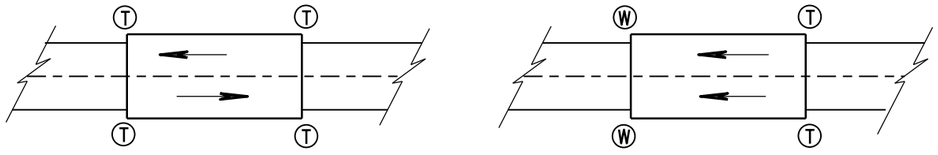
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2014
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA

6

S.D.D. 14 B 44-2c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

Ⓣ THRIE BEAM CONNECTION

Ⓦ W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

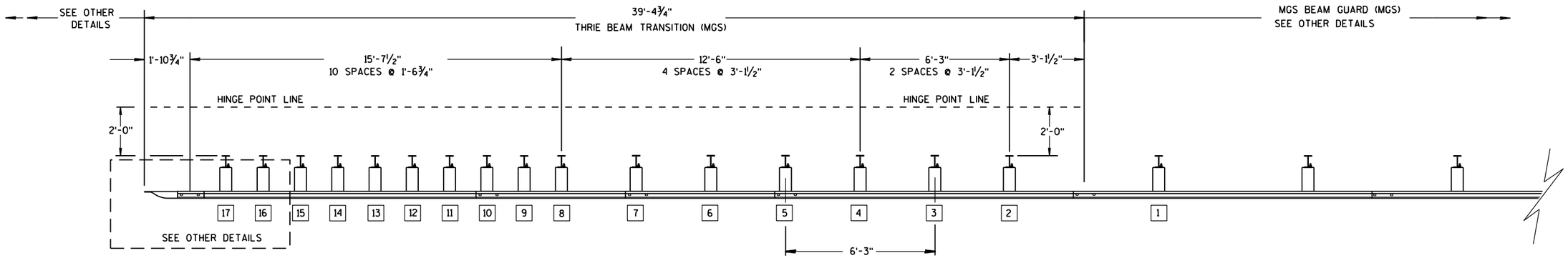
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

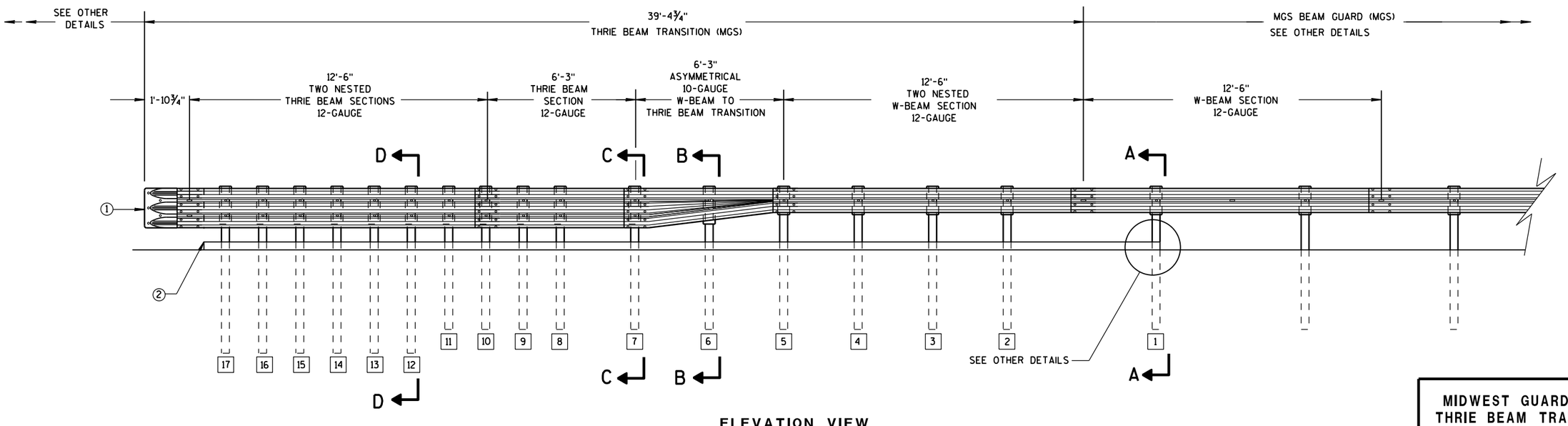
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

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

6

S.D.D. 14 B 45-4a

6

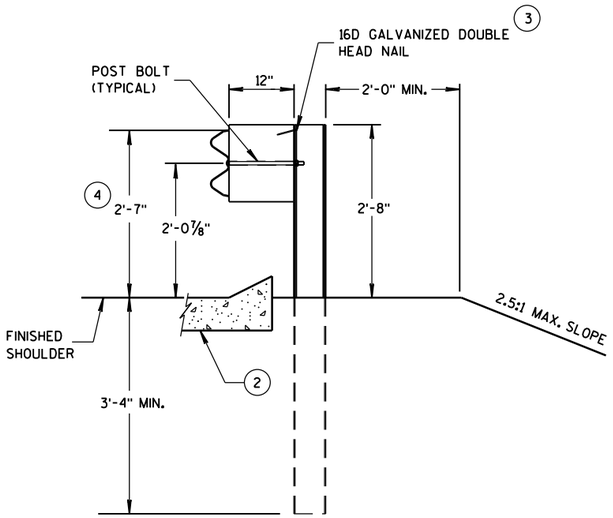
S.D.D. 14 B 45-4a

GENERAL NOTES

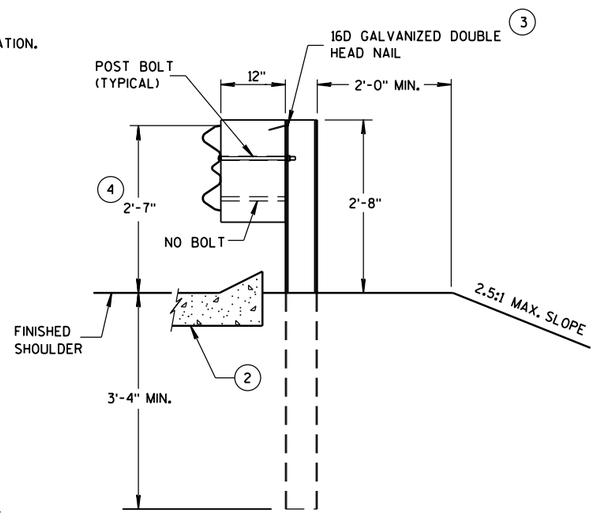
(2) OPTIONAL CURB AND GUTTER OR DRAINAGE_FEATURE SEE PLAN FOR INFORMATION.

(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.

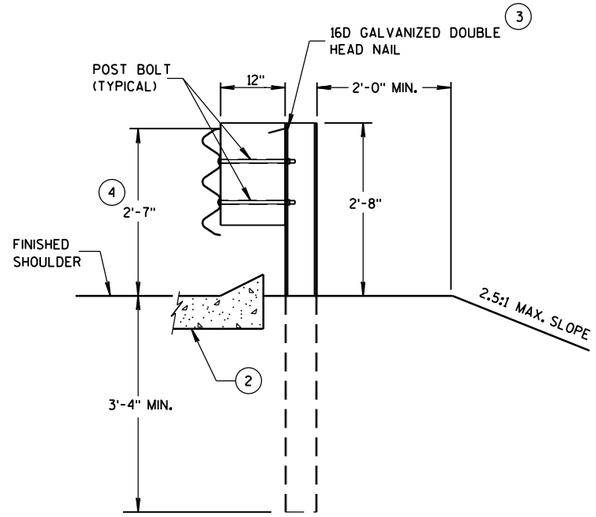
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



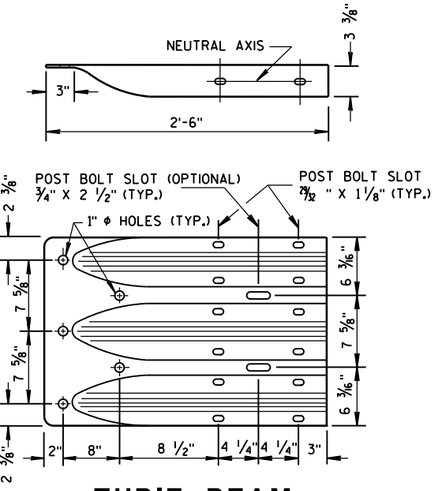
SECTION A-A
POSTS 1-5



SECTION B-B
POST 6



SECTION C-C
POSTS 7-11



THRIE BEAM TERMINAL CONNECTOR

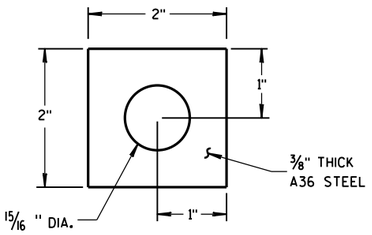
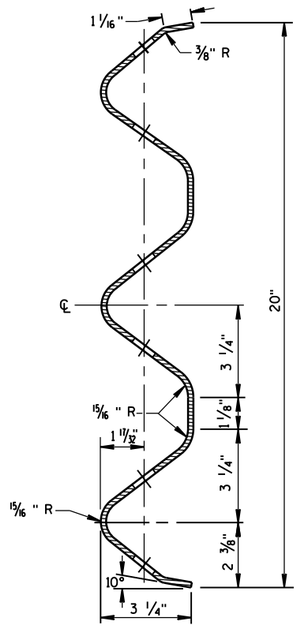
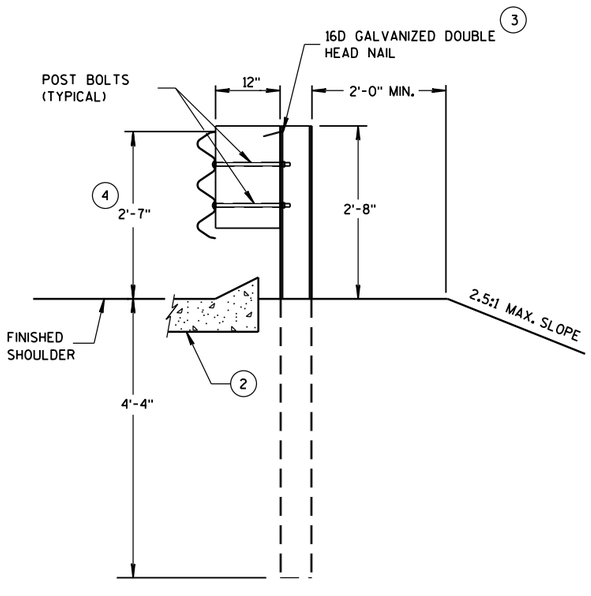


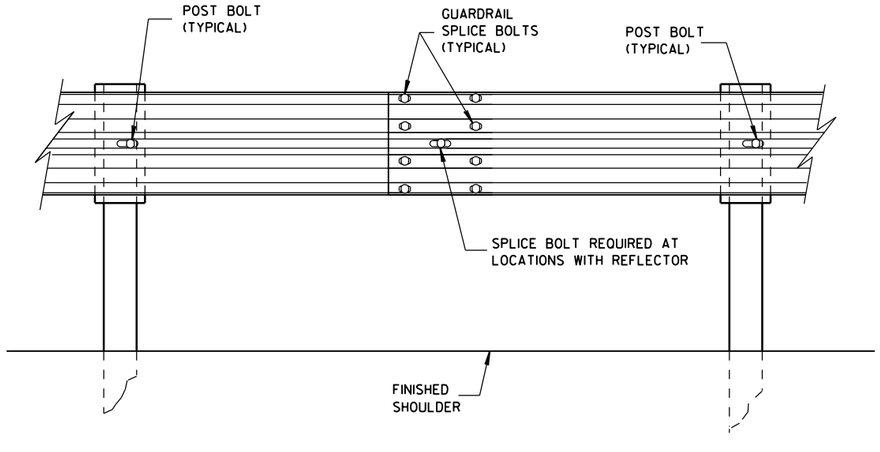
PLATE WASHER DETAIL



SECTION THRU THRIE BEAM RAIL ELEMENT



SECTION D-D
POSTS 12-17



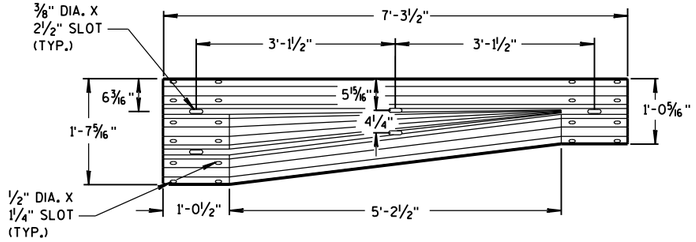
SPLICE DETAIL

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

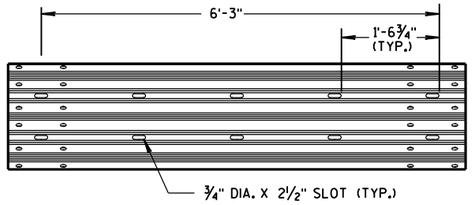
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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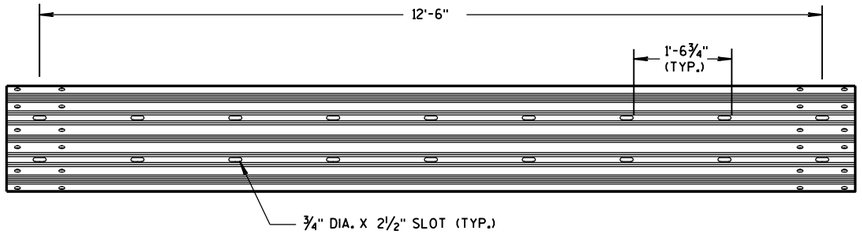
S.D.D. 14 B 45-4b



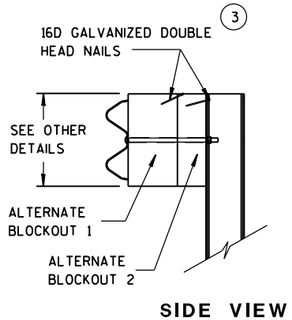
W-BEAM TO THRIE BEAM TRANSITION SECTION



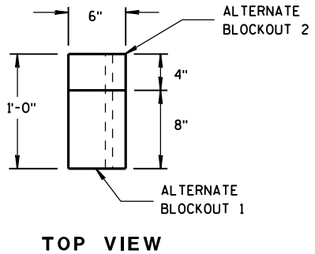
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

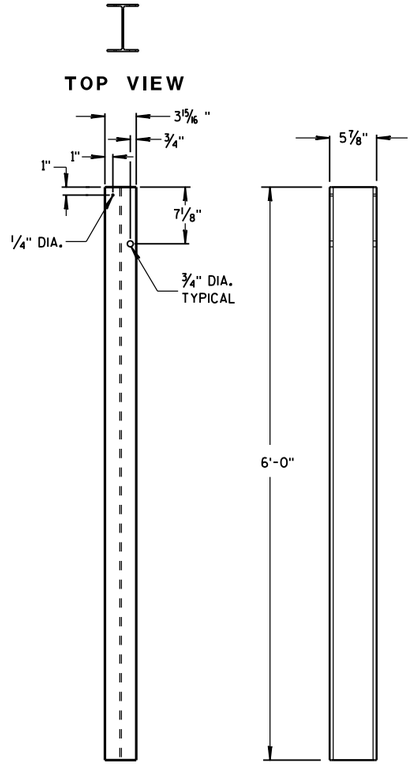


SIDE VIEW

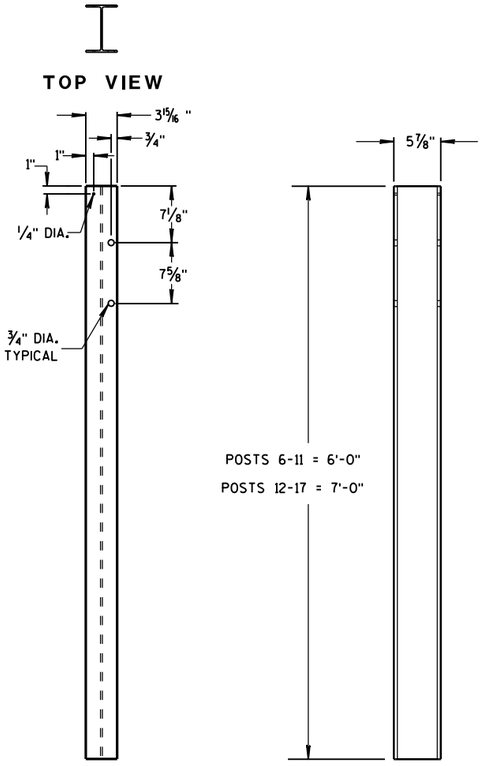


TOP VIEW

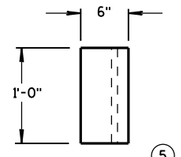
ALTERNATE WOOD BLOCKOUT DETAIL



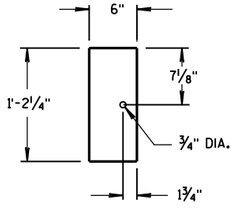
STEEL POSTS 1-5



STEEL POSTS 6-17

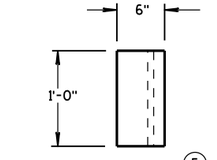


TOP VIEW

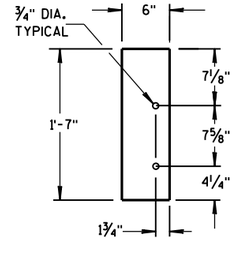


FRONT VIEW

BLOCKOUT POSTS 1-5



TOP VIEW



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.

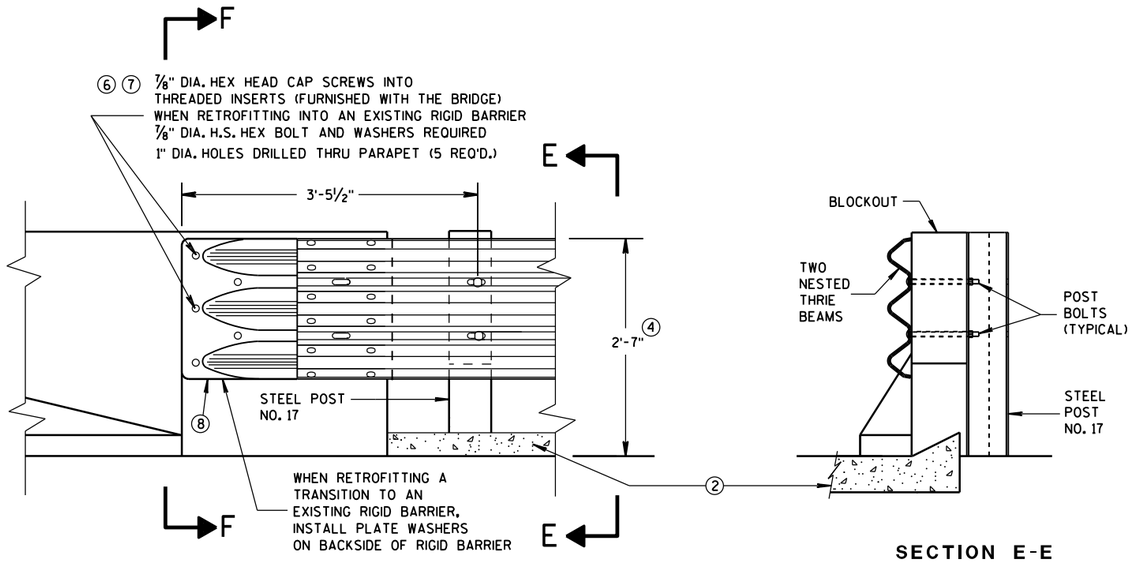
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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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.

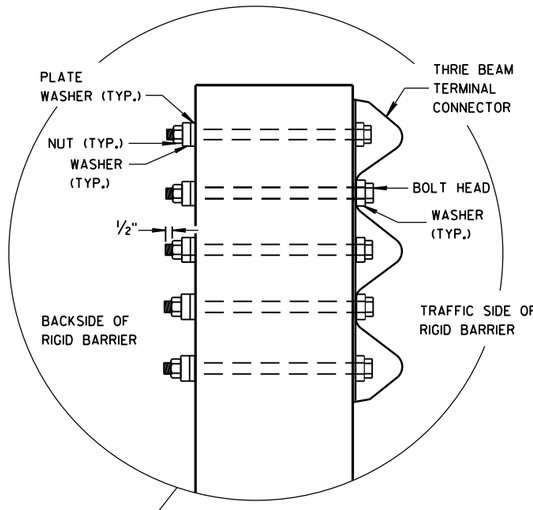
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

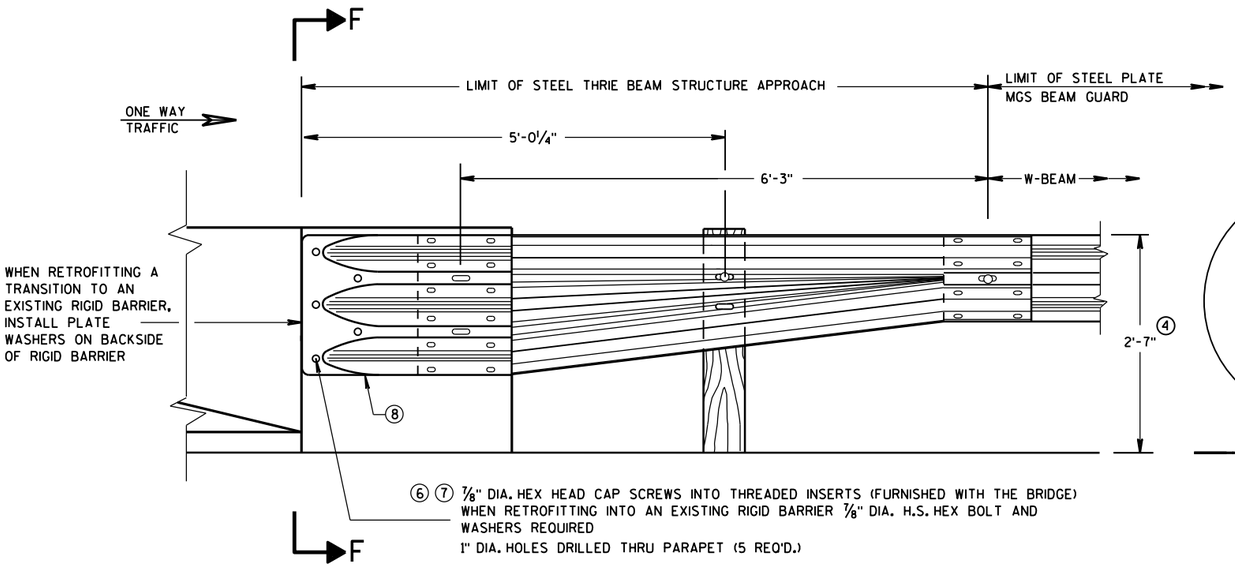
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

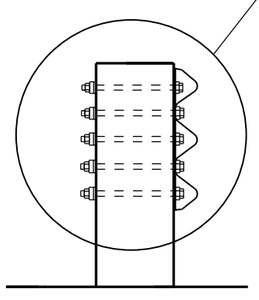
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. 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".

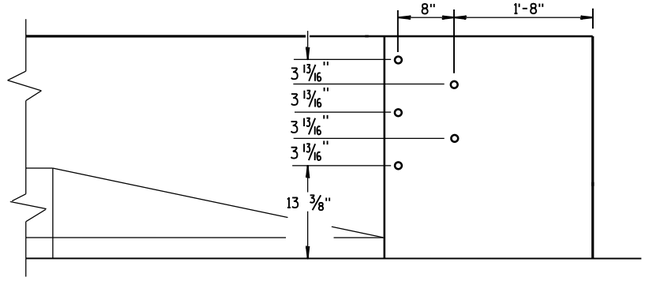




FRONT VIEW



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

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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.

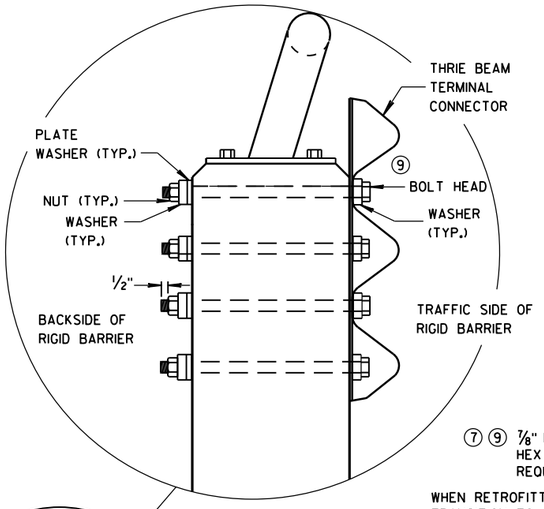
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

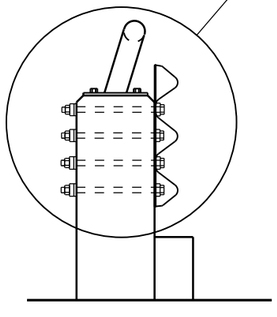
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(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.

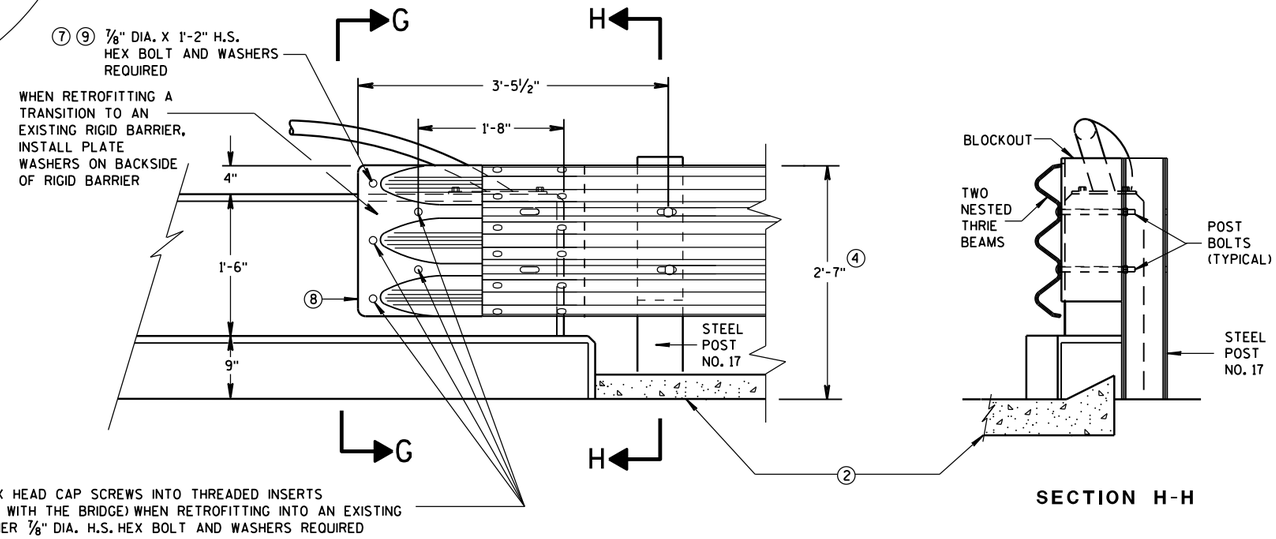
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

(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.





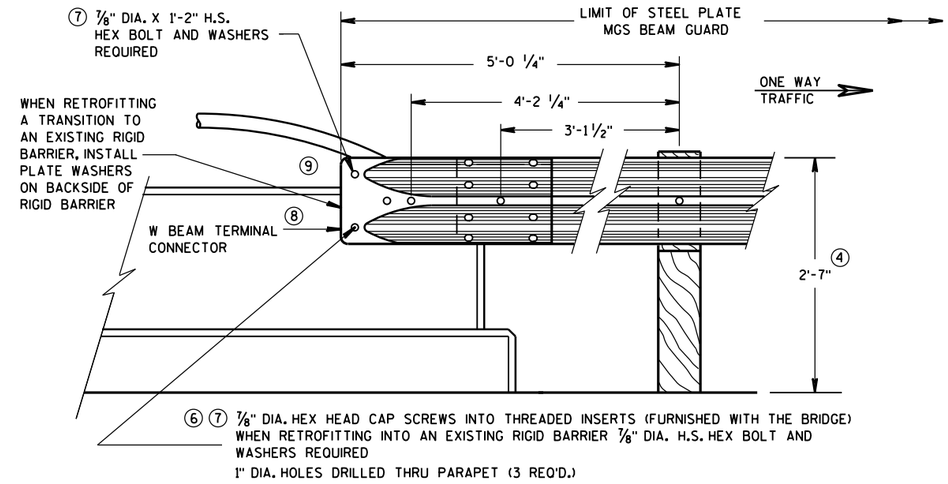
SECTION G-G



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

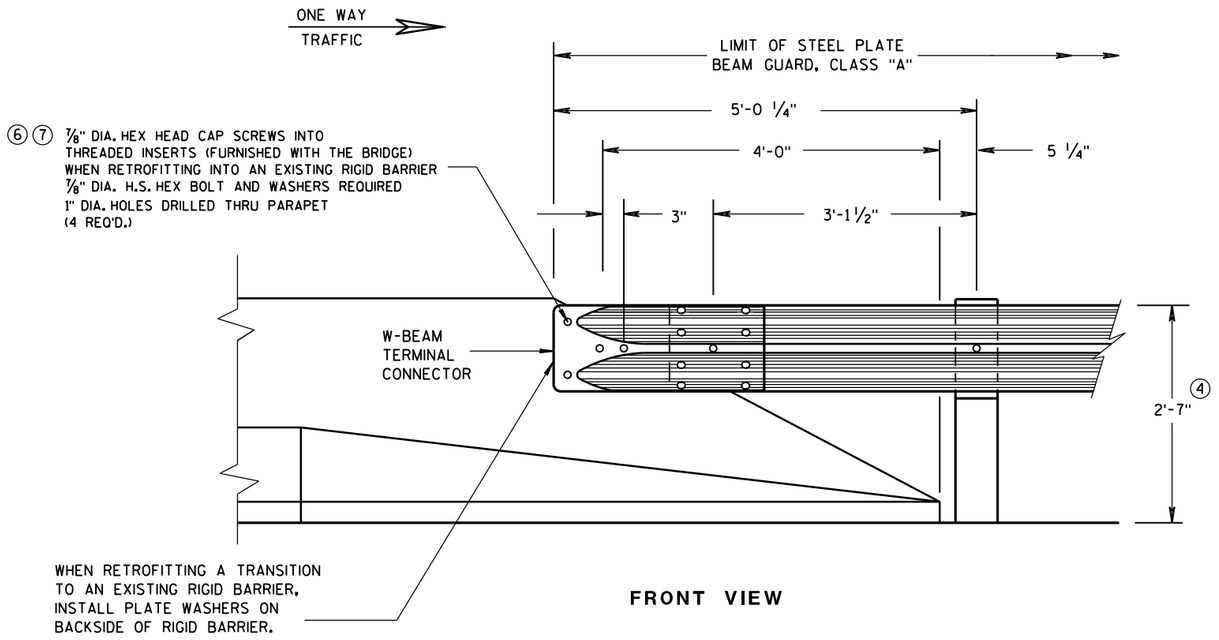
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 14 B 45-4e

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S.D.D. 14 B 45-4e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

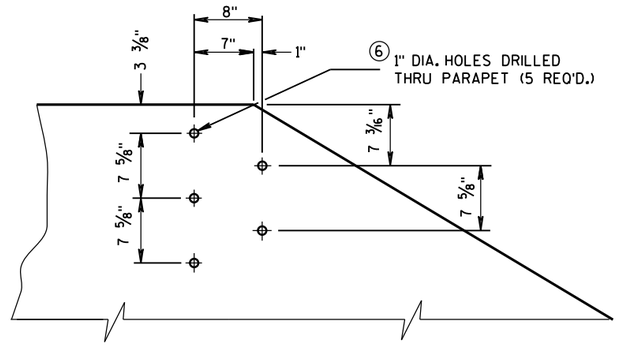
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

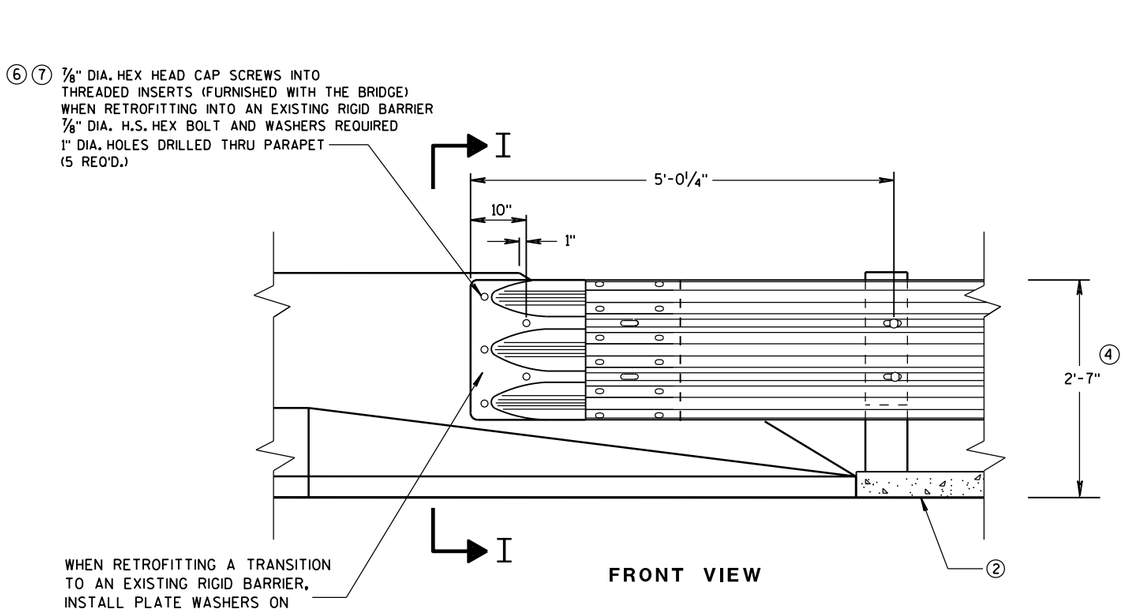
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

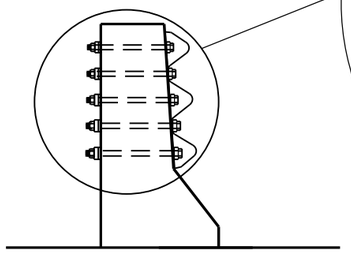
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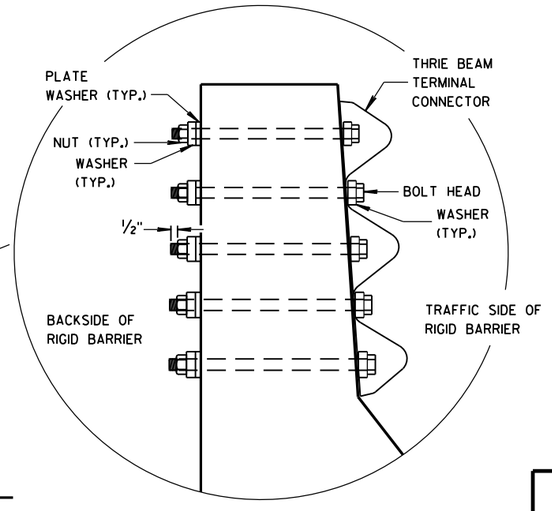
DRILL HOLE LOCATION AND PATTERN
FOR THRIE BEAM CONNECTION



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

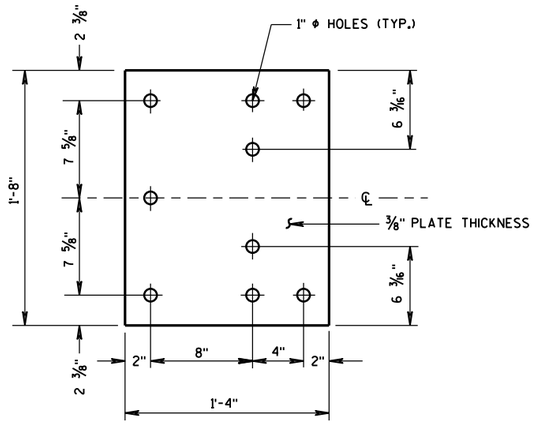
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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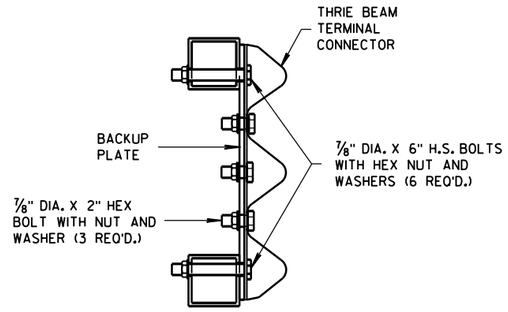
S.D.D. 14 B 45-4f

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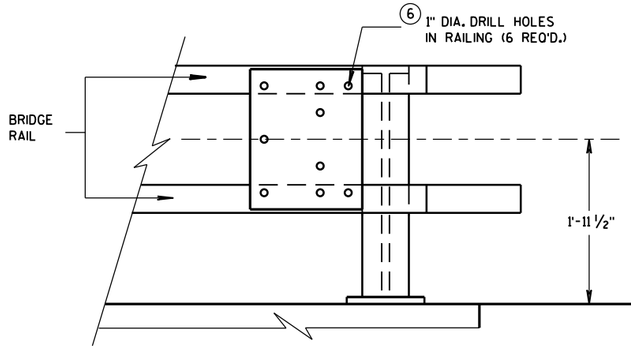
S.D.D. 14 B 45-4f



BACK-UP PLATE DETAIL



SECTION J-J

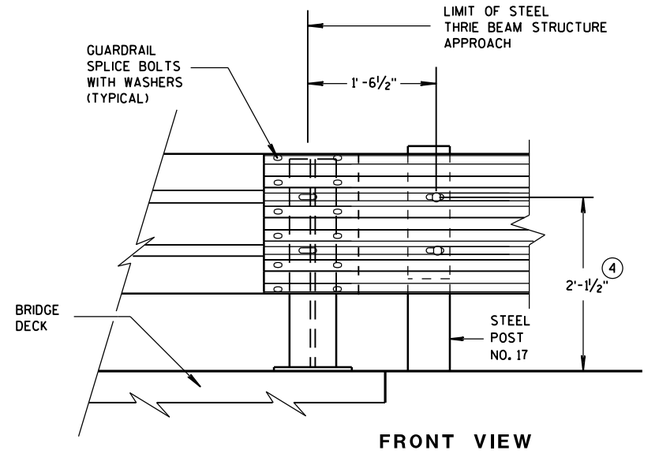


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

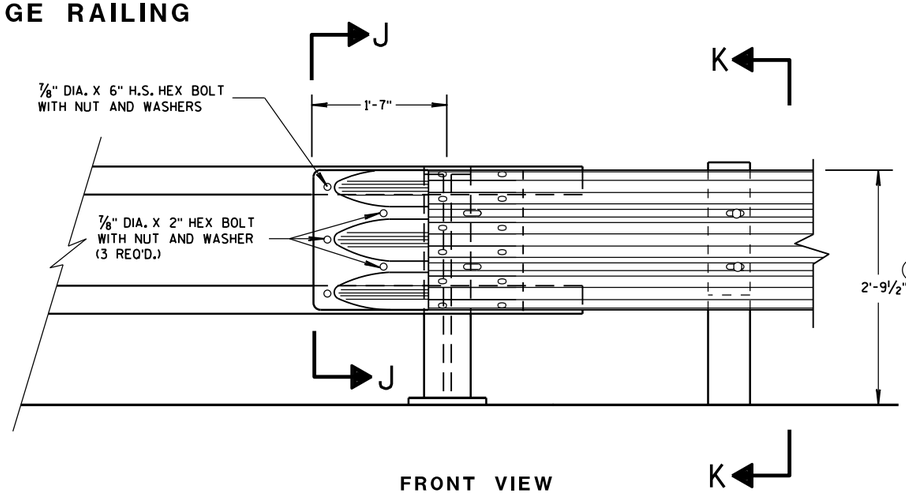
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⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

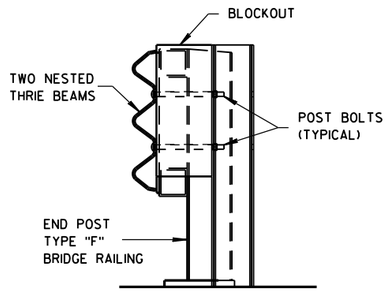


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

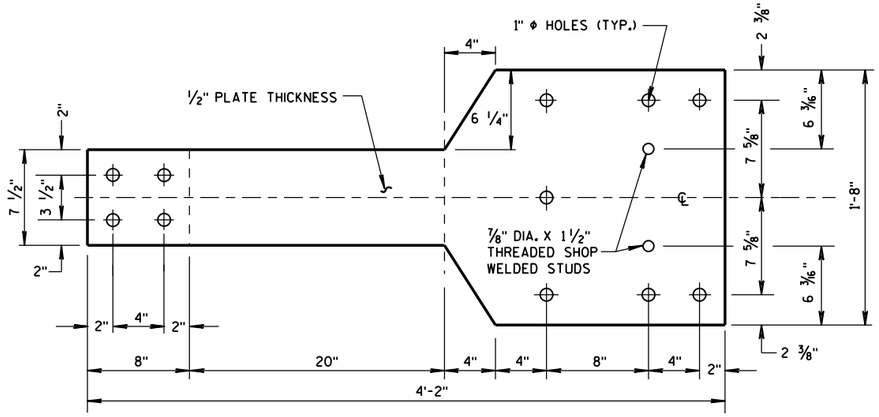
MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

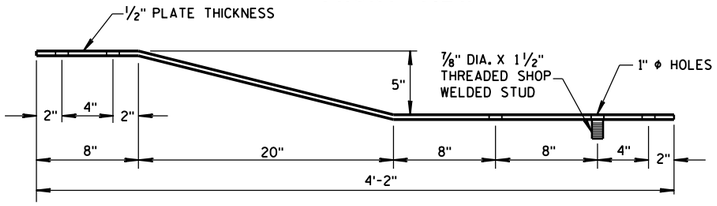
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

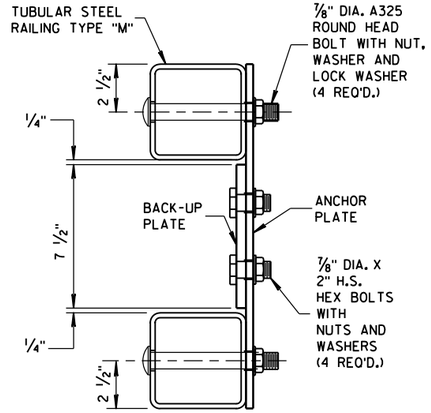


FRONT VIEW

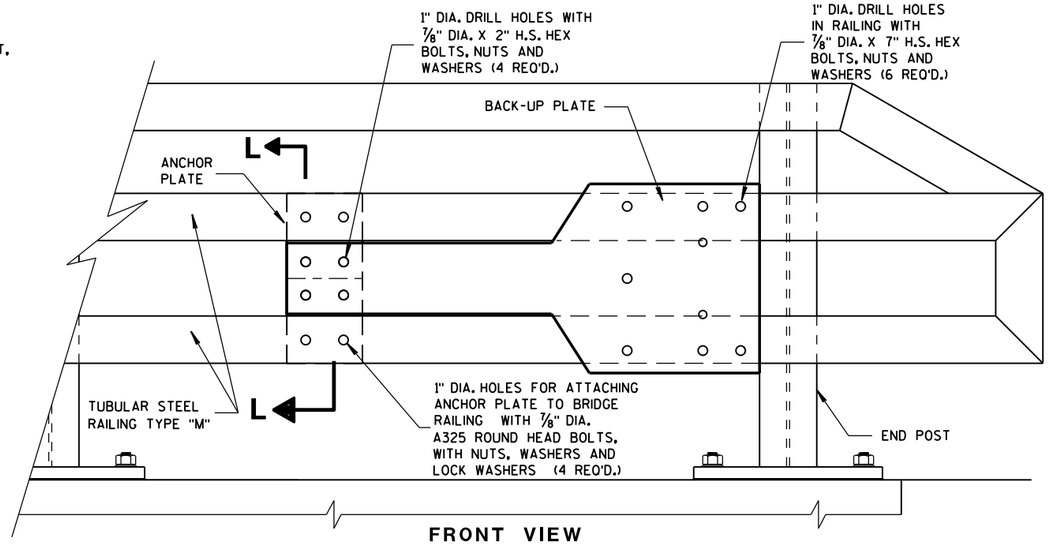


PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

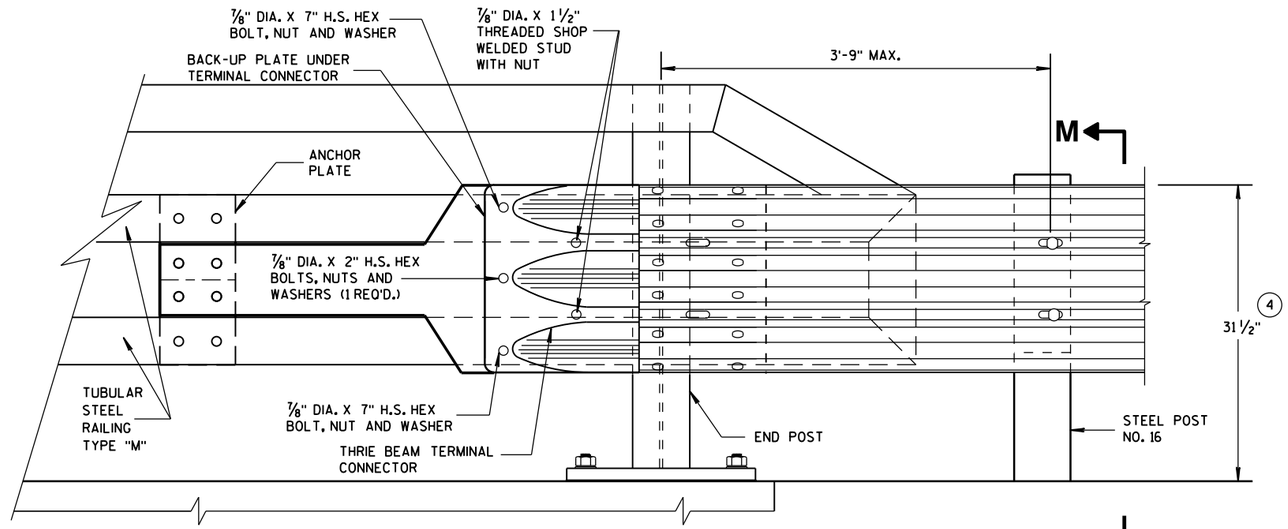


SECTION L-L

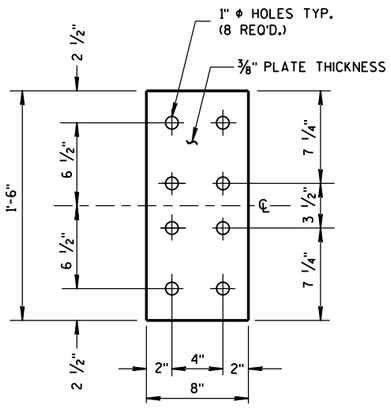


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"

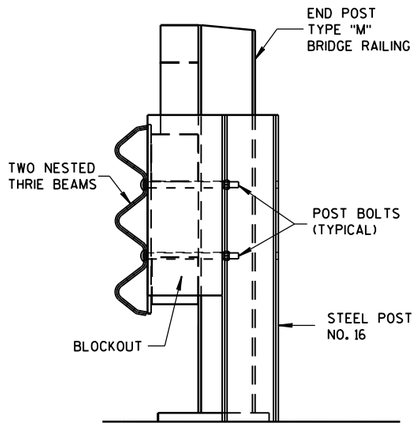


FRONT VIEW

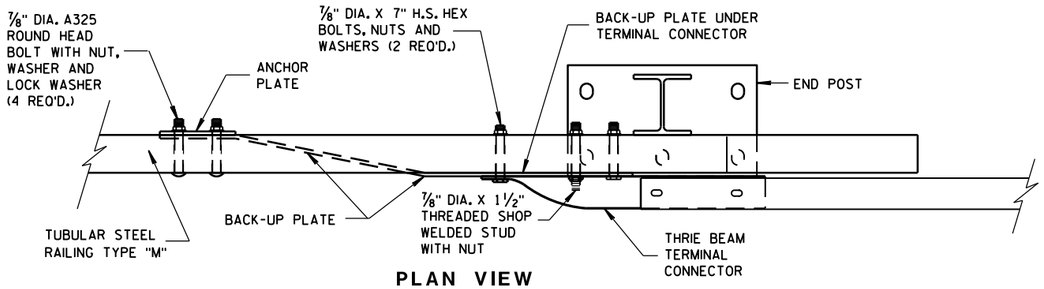


FRONT VIEW

ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

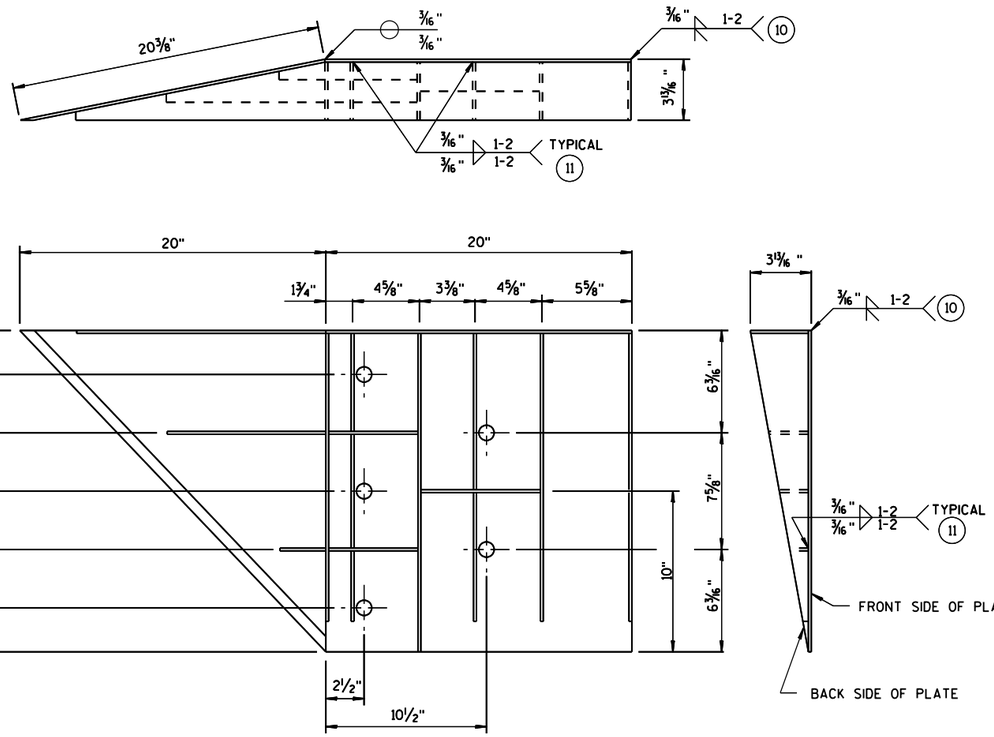
MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
June, 2015	/S/ Jerry H. Zogg
DATE	ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA	

6

S.D.D. 14 B 45-4h

6

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WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

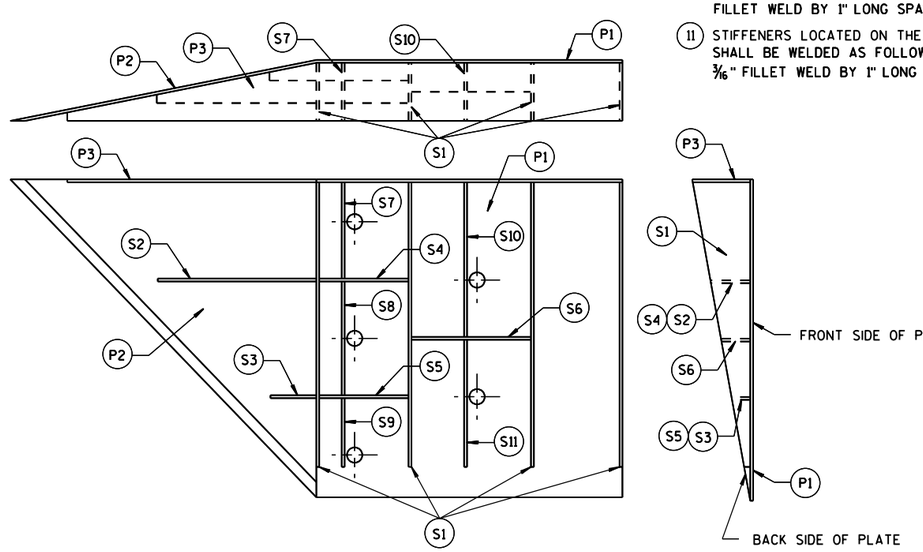


PLATE AND STIFFENER IDENTIFICATION

(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)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

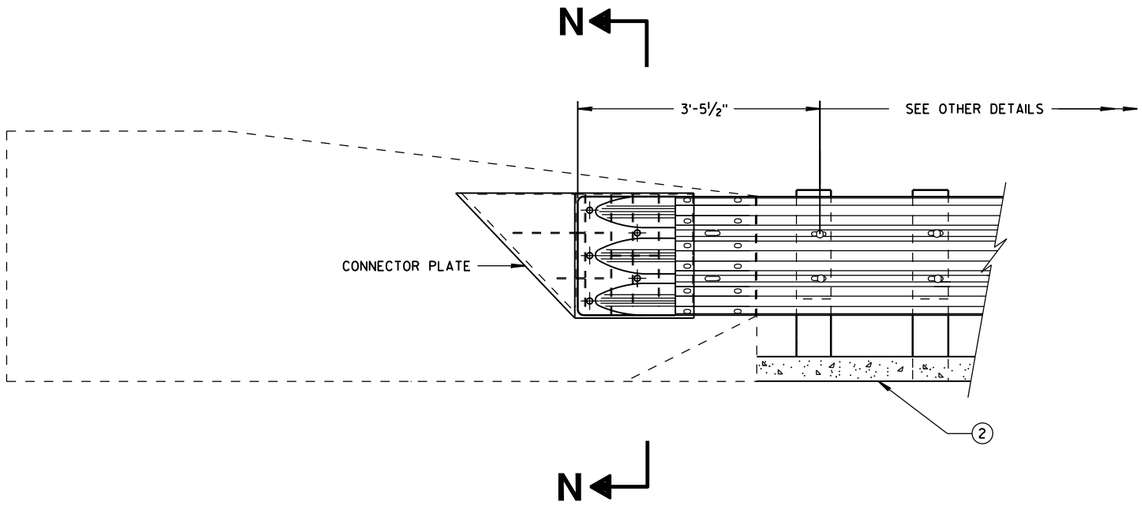
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
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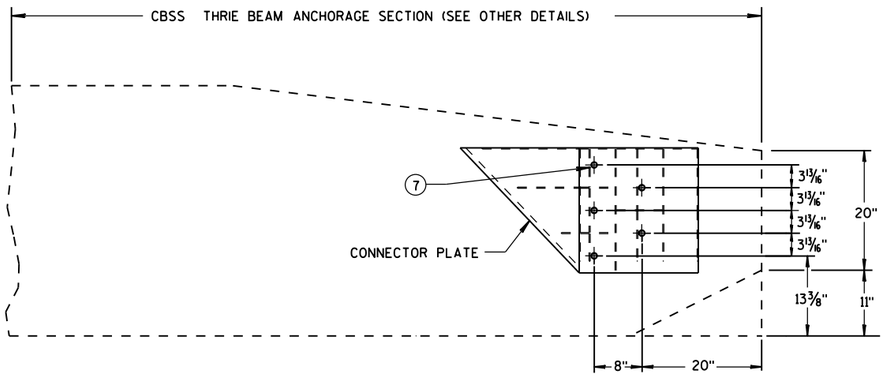
S.D.D. 14 B 45-4i

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S.D.D. 14 B 45-4i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



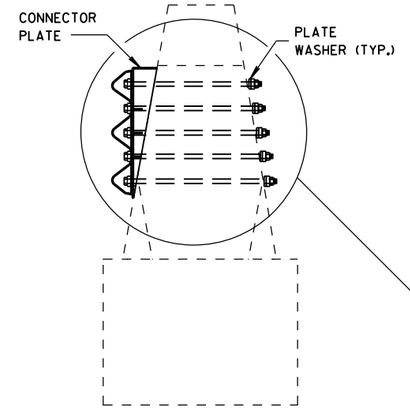
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

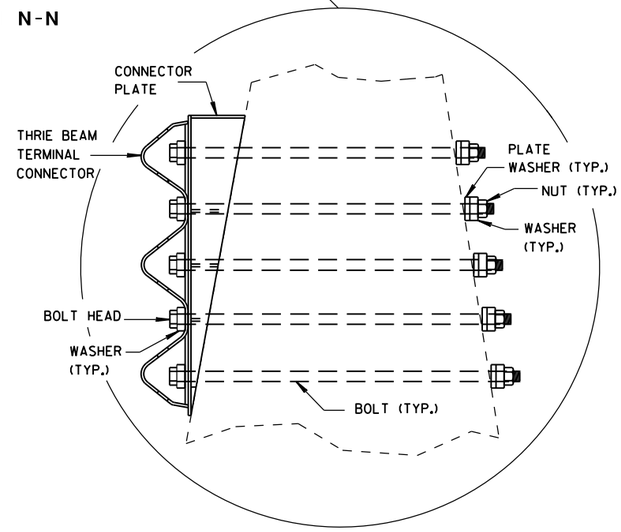
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(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
DEPARTMENT OF TRANSPORTATION

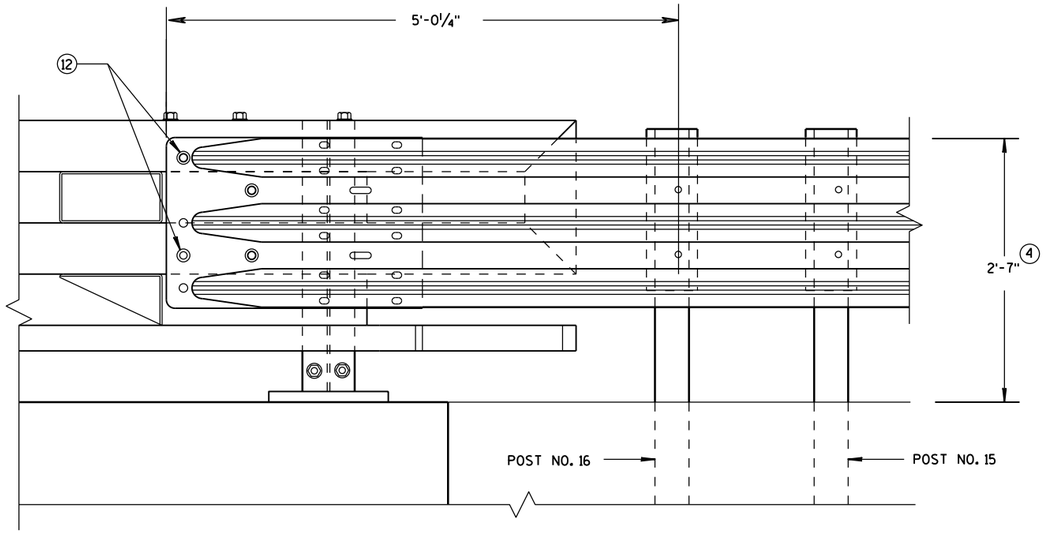
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zoga — ROADWAY STANDARDS DEVELOPMENT ENGINEER
NT
FHWA

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S.D.D. 14 B 45-4j

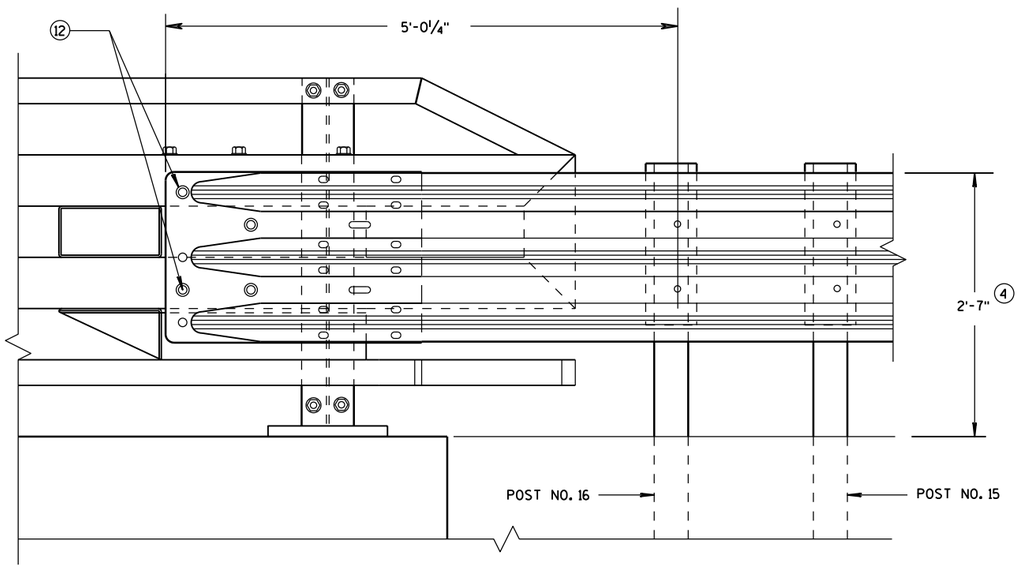
6

S.D.D. 14 B 45-4j



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
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS D 204 NT
ENGINEER

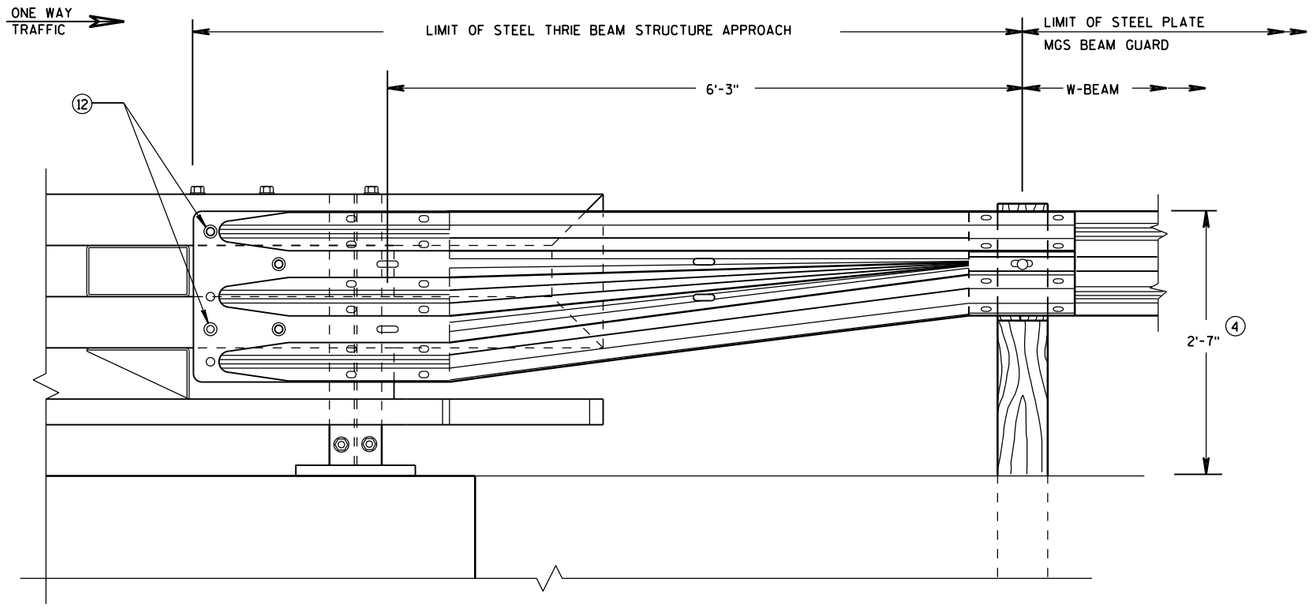
FHWA

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S.D.D. 14 B 45-4k

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S.D.D. 14 B 45-4k



FRONT VIEW

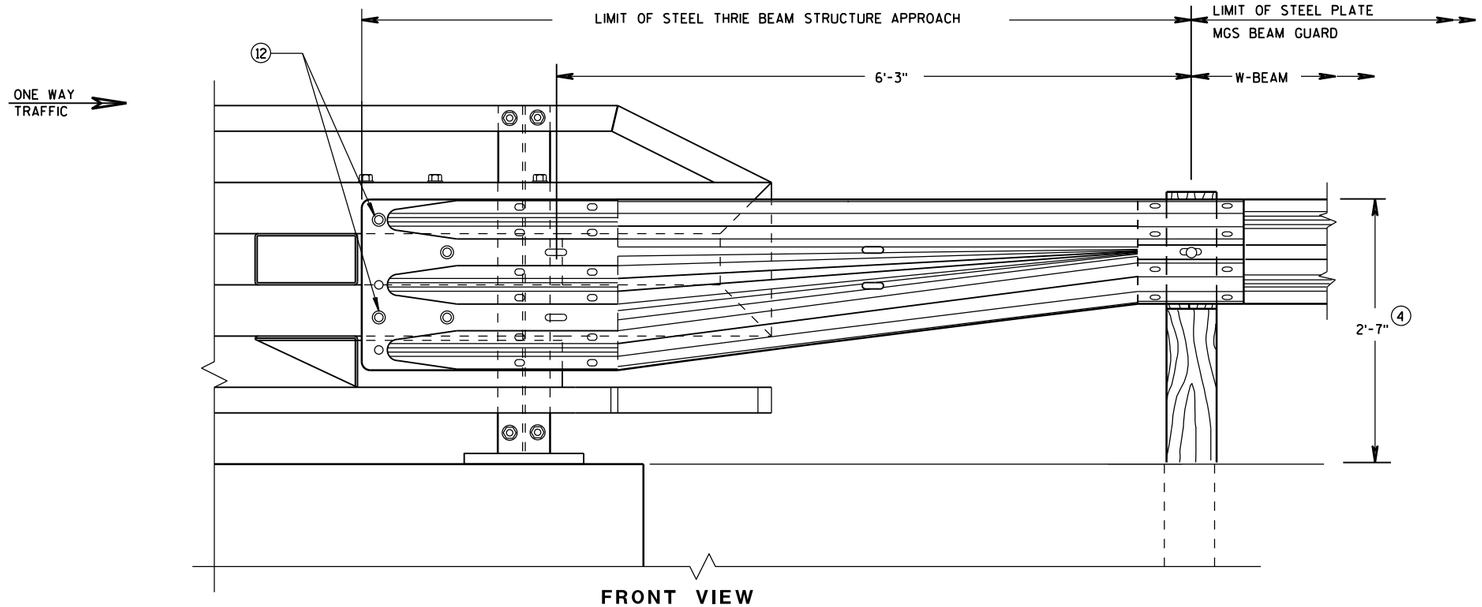
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(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"

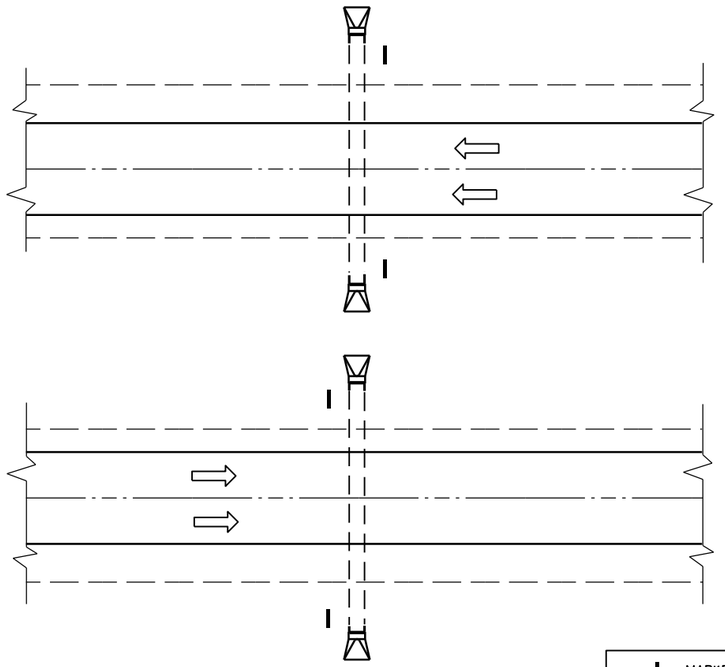
(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

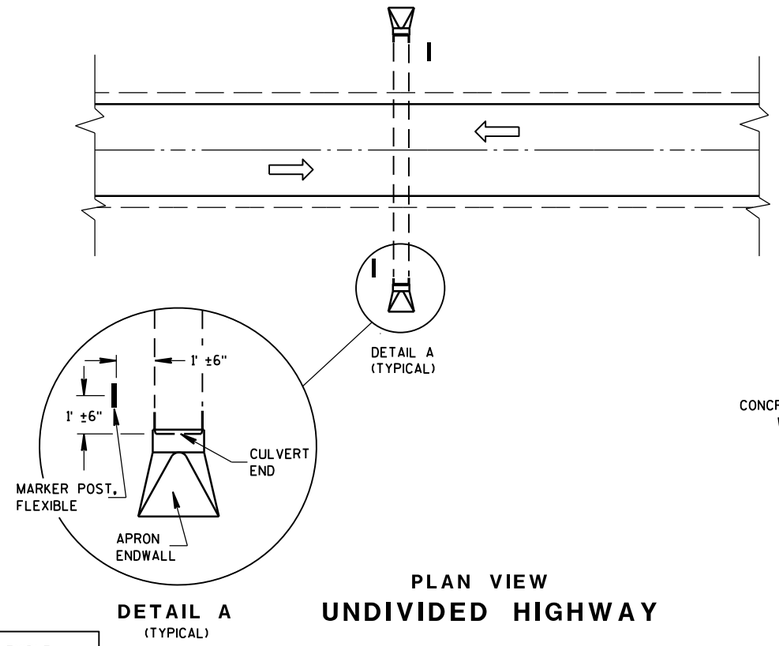
APPROVED
June, 2015 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 14 B 45-4L



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

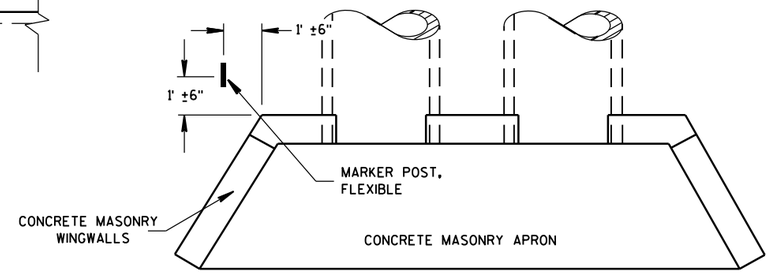
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

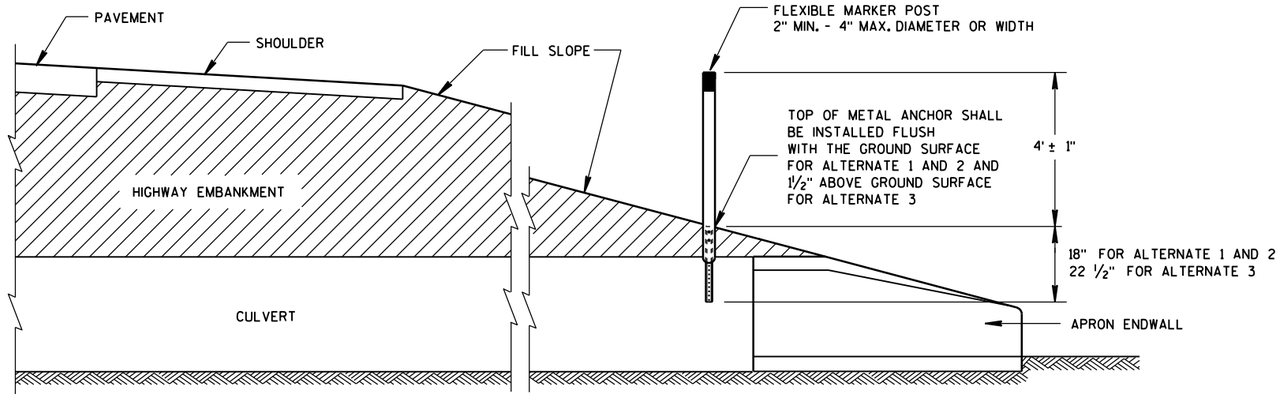
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

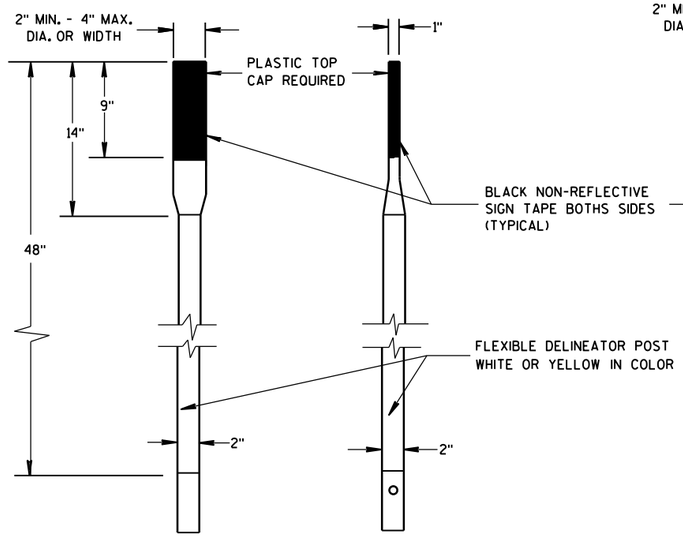
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

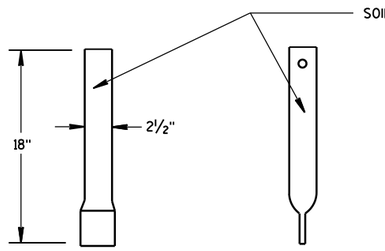
6

S.D.D. 15 A 3-2a

6

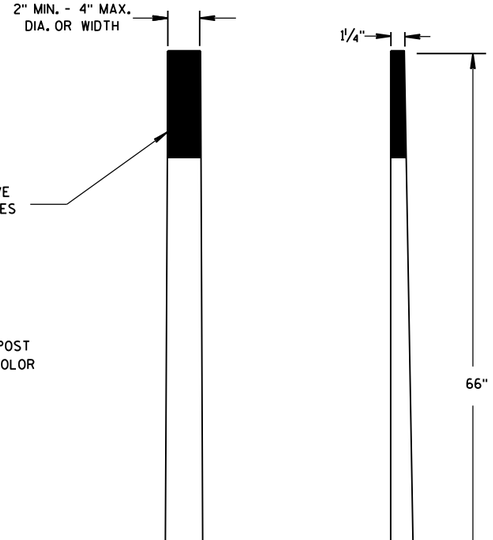
S.D.D. 15 A 3-2a





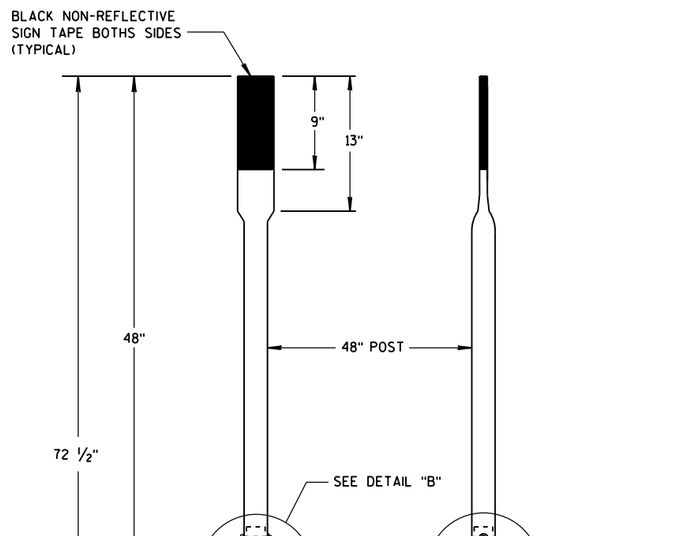
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

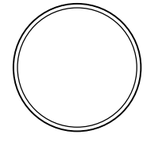
ALTERNATE 2



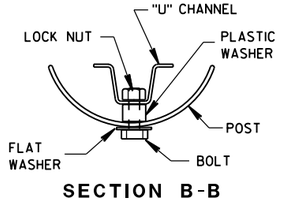
FRONT VIEW SIDE VIEW

ALTERNATE 3

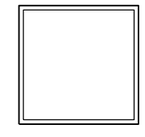
FLEXIBLE MARKER POSTS



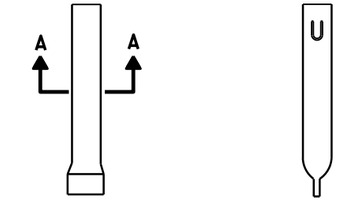
SECTION A-A



SECTION B-B

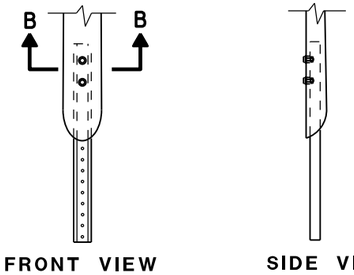


SECTION C-C



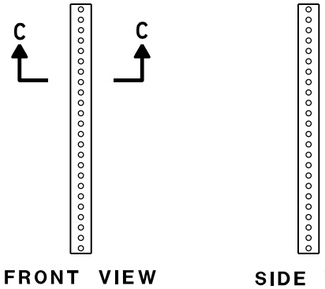
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

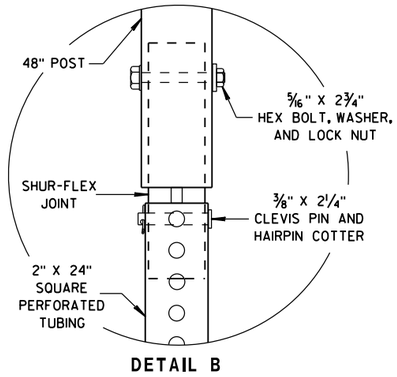
ALTERNATE 2



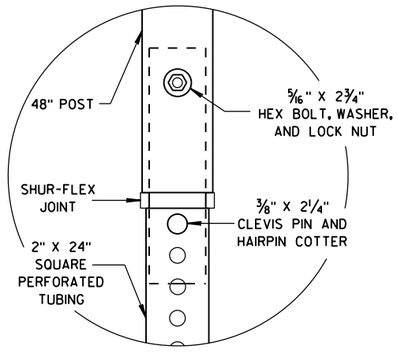
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

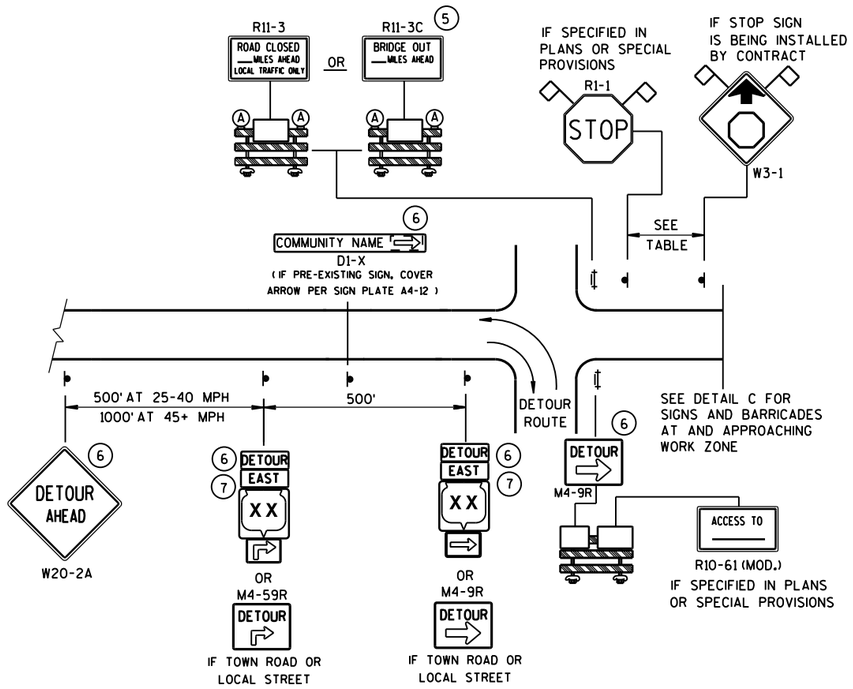
APPROVED
10/1/2012
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 A 3-2b

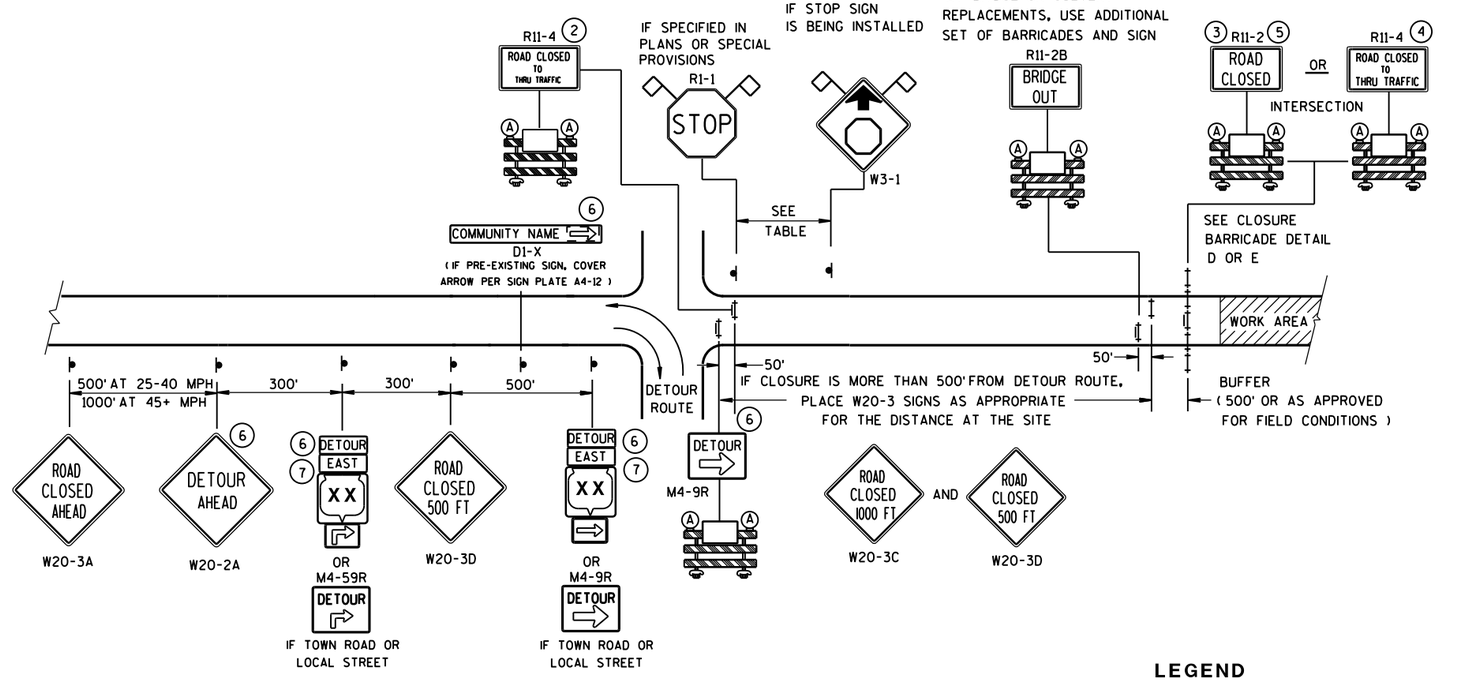
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S.D.D. 15 A 3-2b



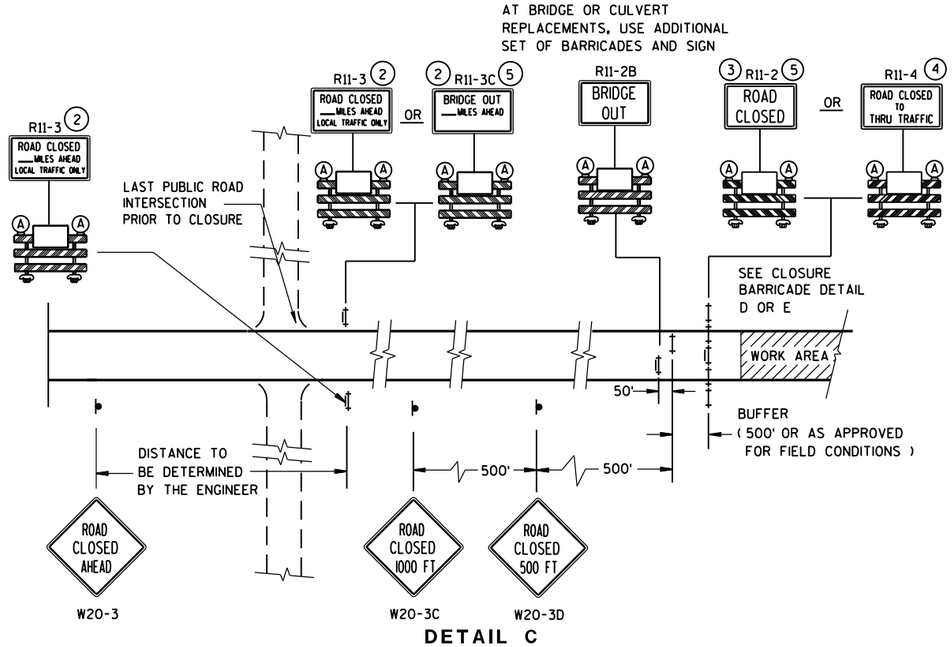
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

SEE SDD 15C2-SHEET "**b**" FOR GENERAL NOTES AND FOOTNOTES (1) THROUGH (7)

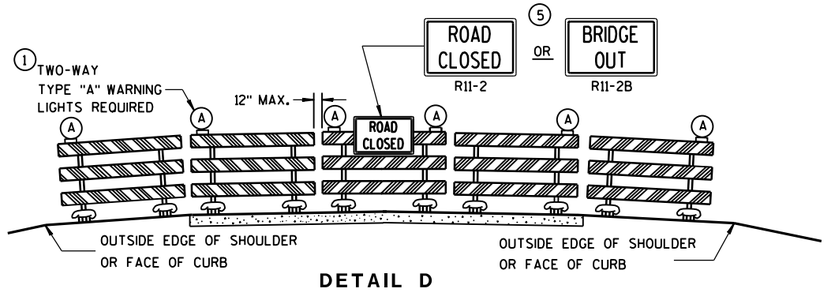
BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

S.D.D. 15 C 2-6a

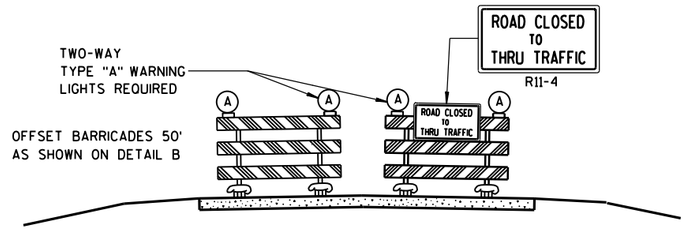
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DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

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.

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, M4-9, R11-4 AND R10-61 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.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI — FIC

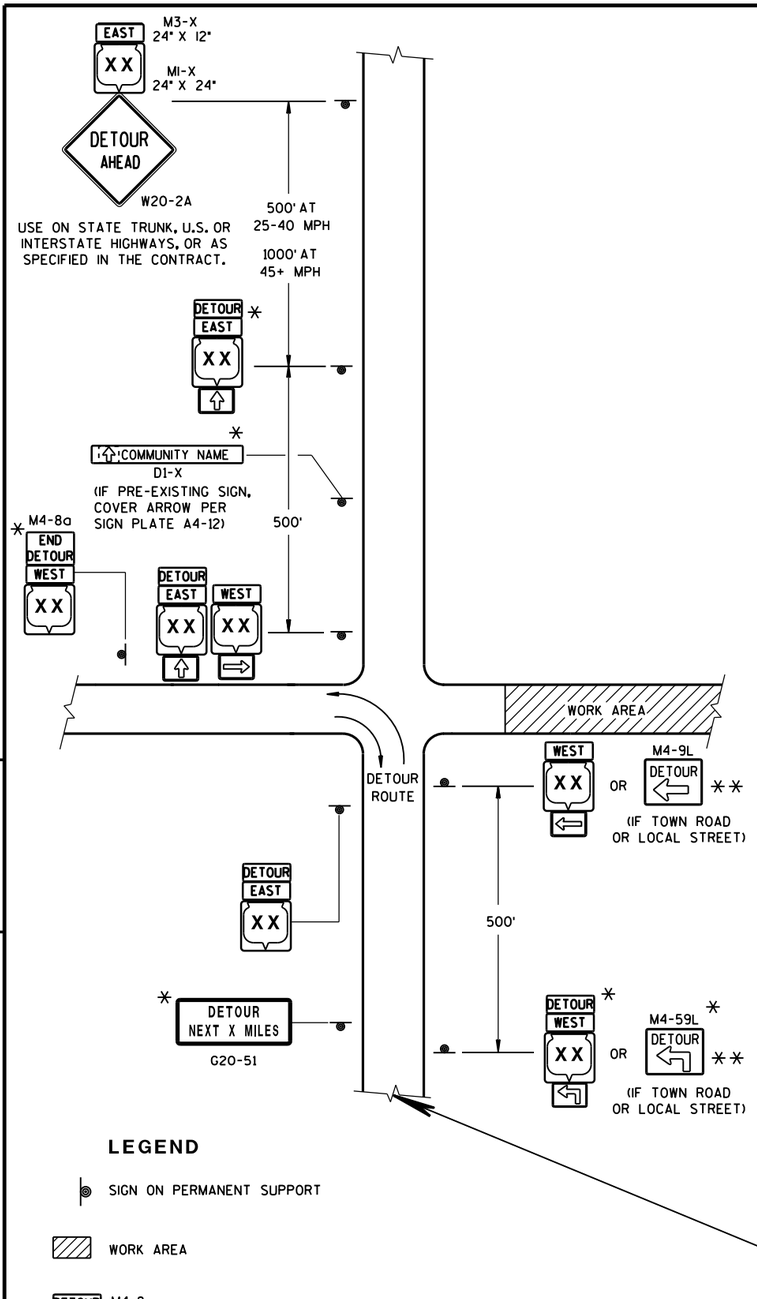
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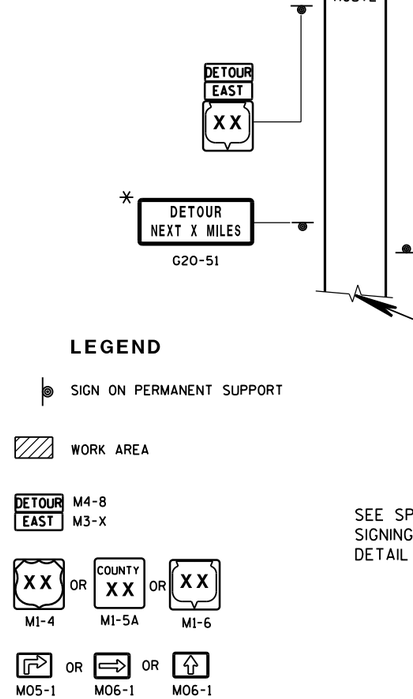
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S.D.D. 15 C 2-6b

6

S.D.D. 15 C 2-6b

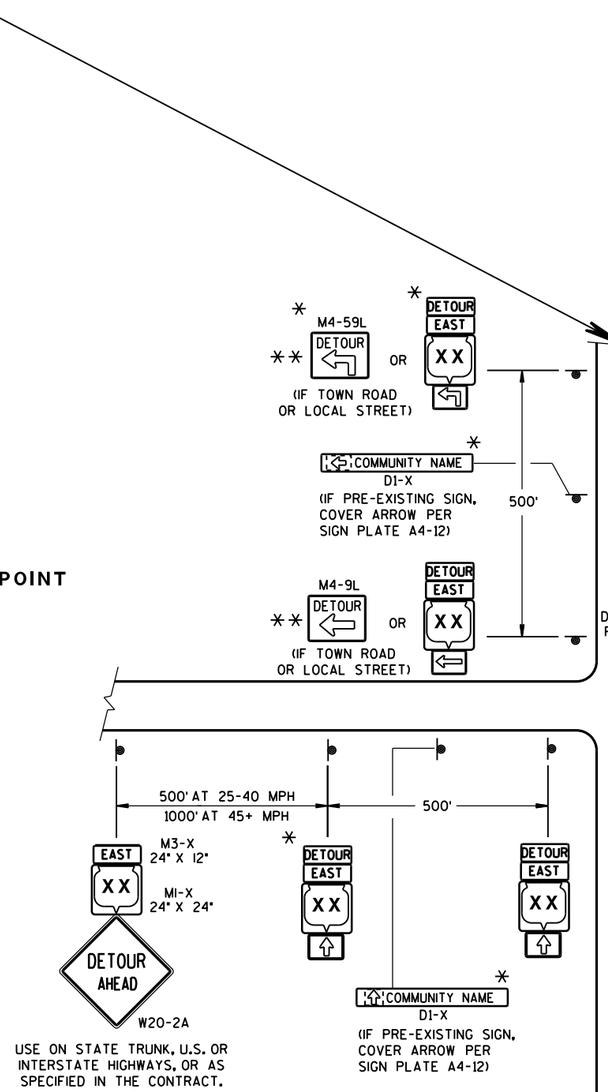


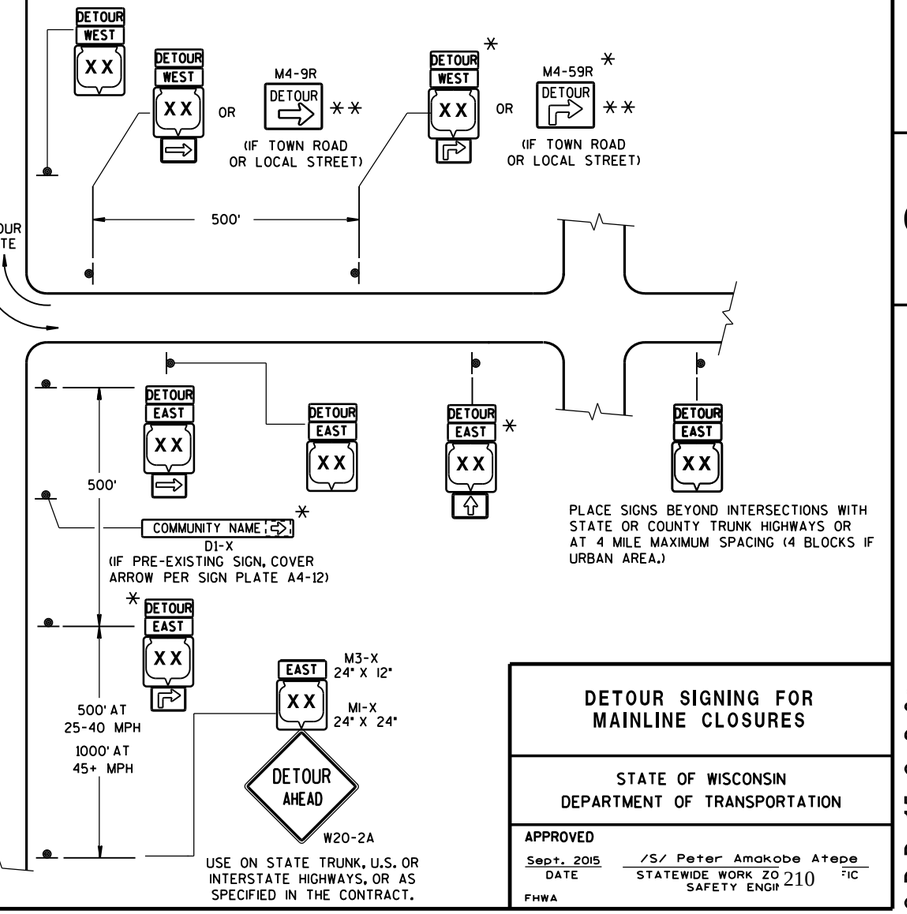


SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD 15C2-SHEET "a"

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

MATCH POINT





DETAIL F

DETOUR SIGNING

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

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

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.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- MO5-1 AND MO6-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-9 SHALL BE 30" X 24".
- M4-8a SHALL BE 24" X 18".
- G20-51 SHALL BE 60" X 24".
- W20-2 SHALL BE 48" X 48".
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2015
DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI

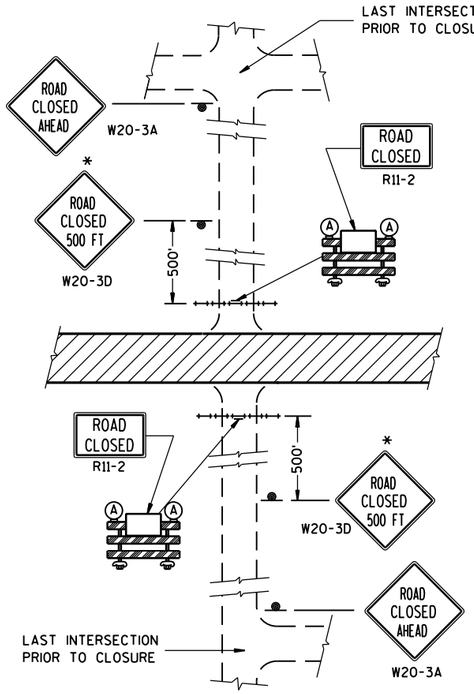
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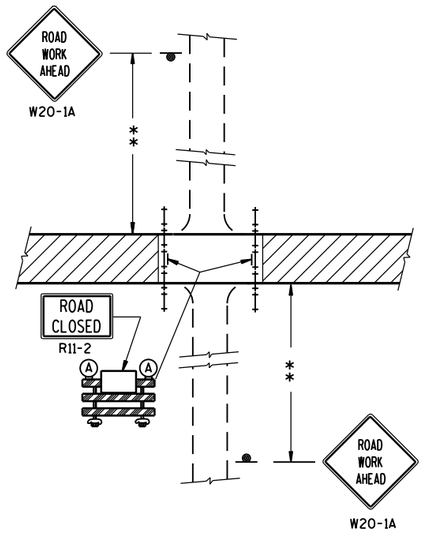
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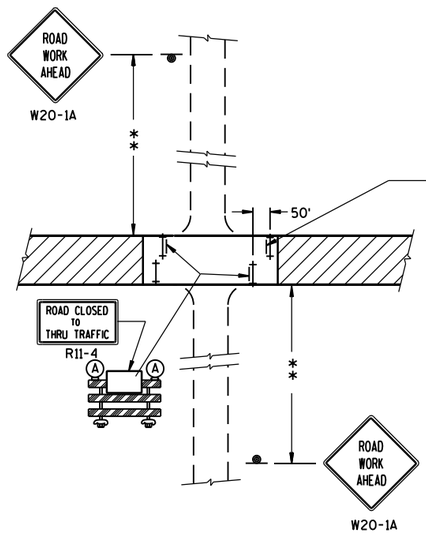
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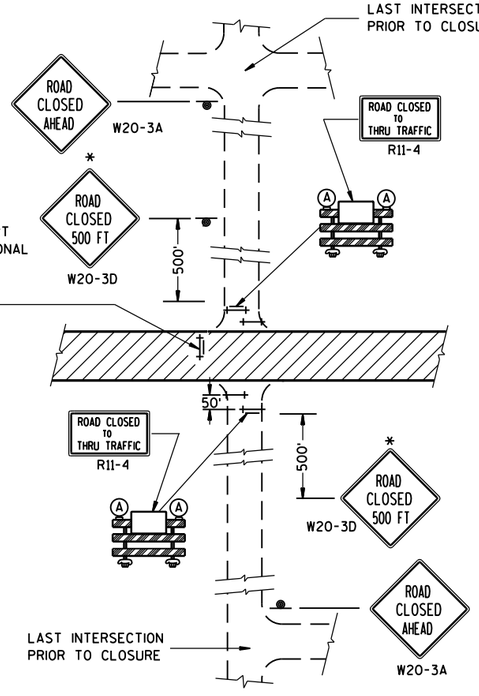
(NO ACCESS TO PROJECT)



DETAIL 2

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).





DETAIL 3

(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).

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

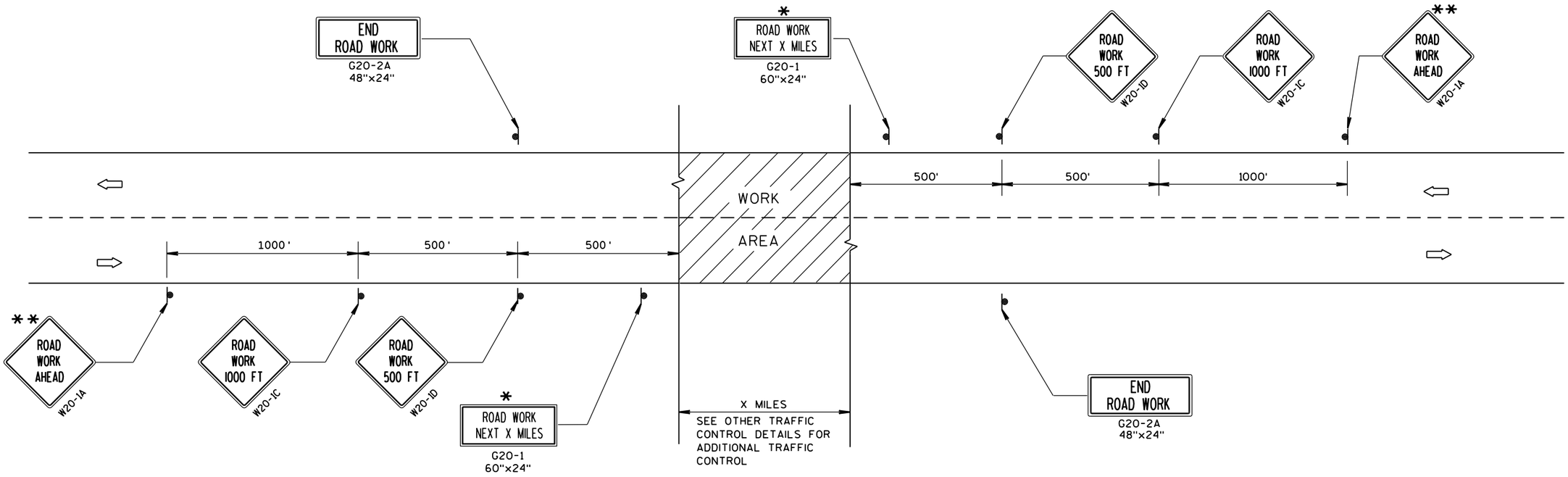
APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible]FIC SAFETY ENGI[illegible]
FHWA

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S.D.D. 15 C 3-3

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S.D.D. 15 C 3-3



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

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.

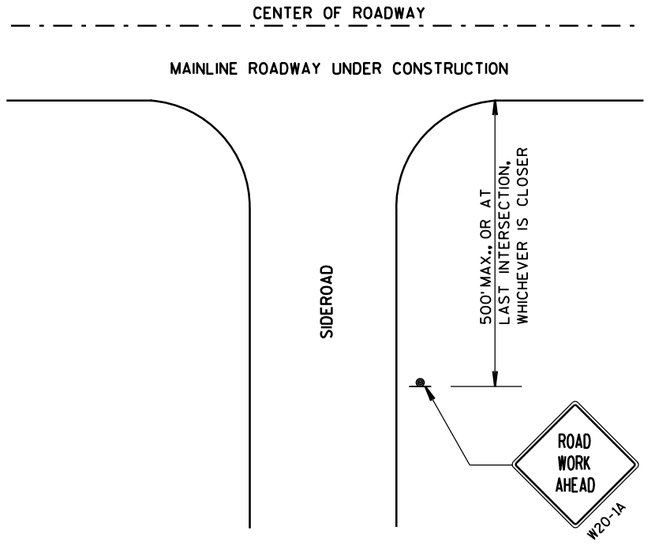
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER

FHWA

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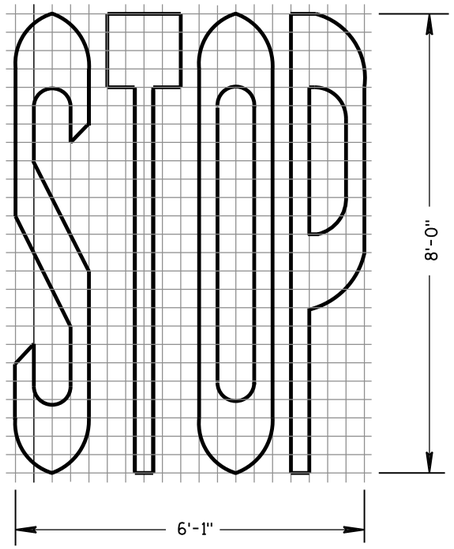
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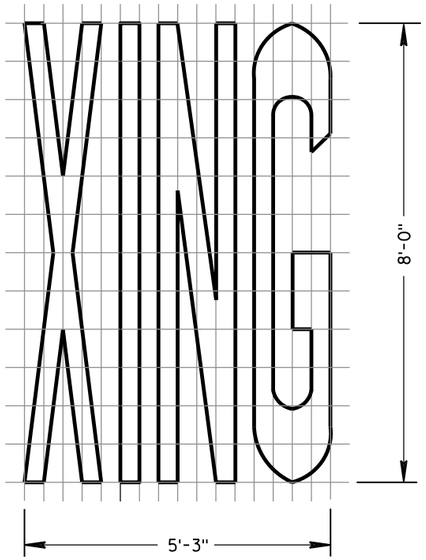
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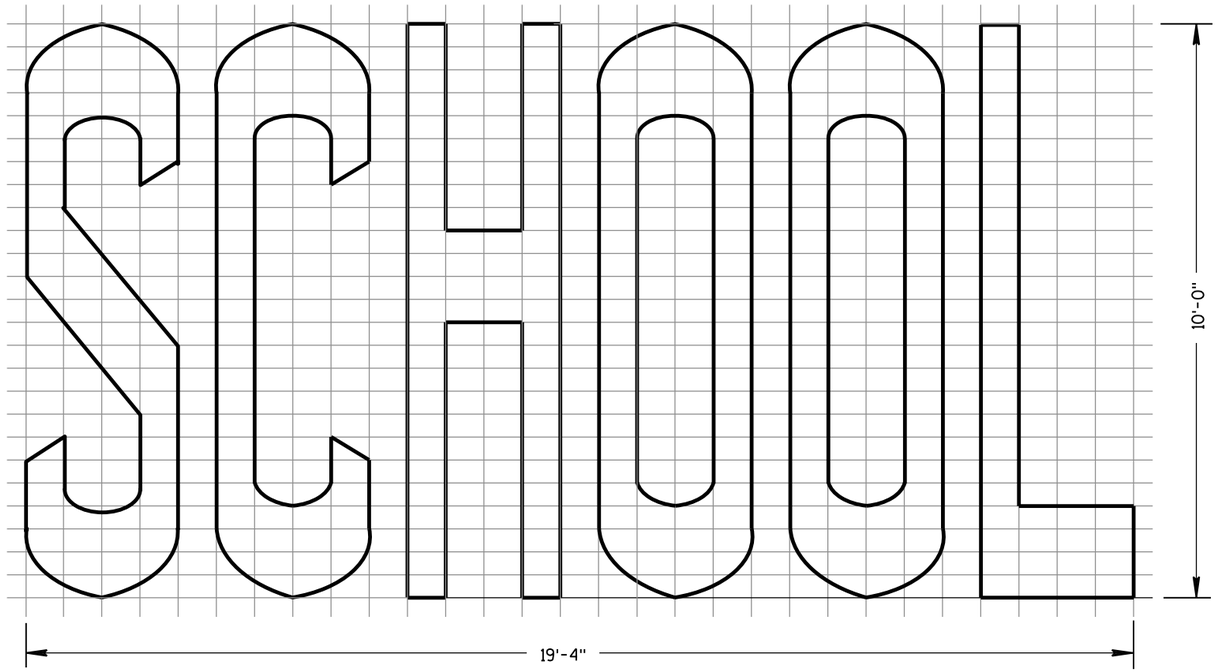
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GENERAL NOTES

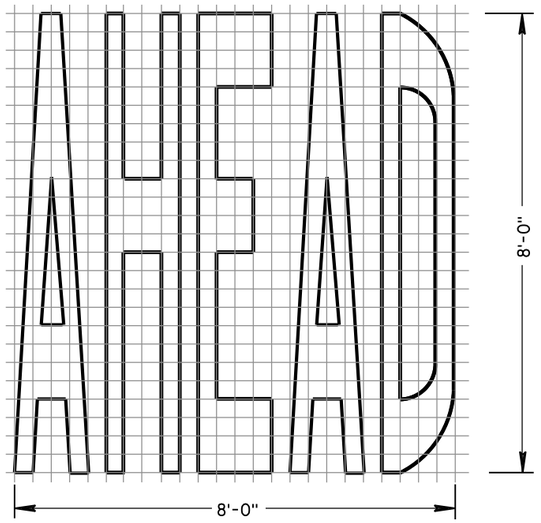
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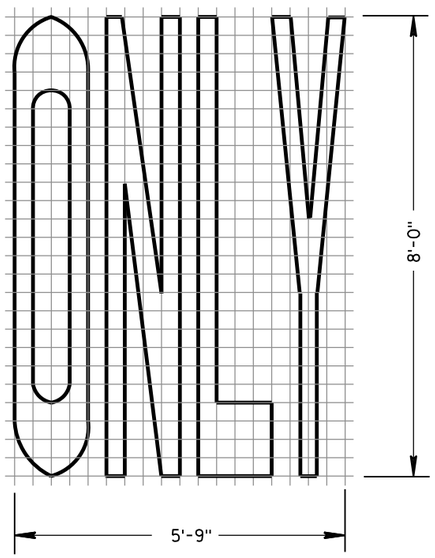


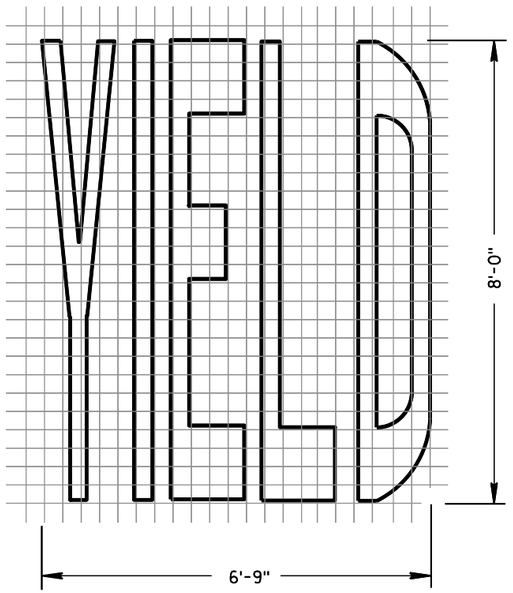


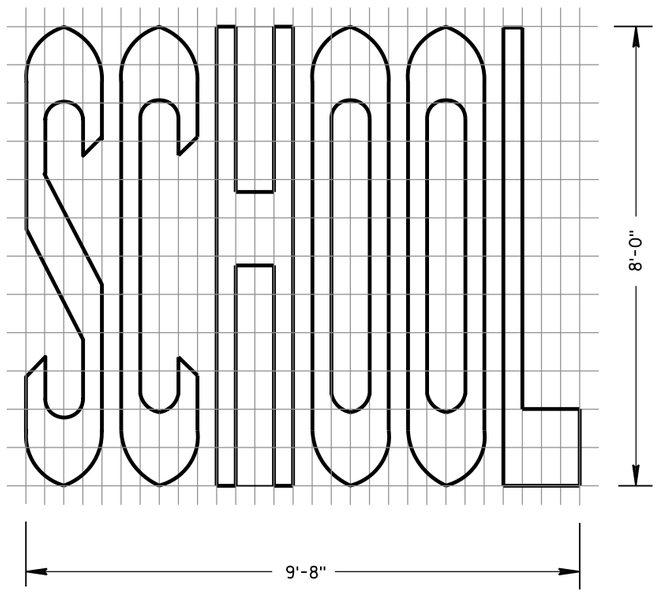


TWO-LANE









SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-16	/S/ Matthew R. Rauch	
DATE	STATE SIGNING AND MARK	EER

FHWA

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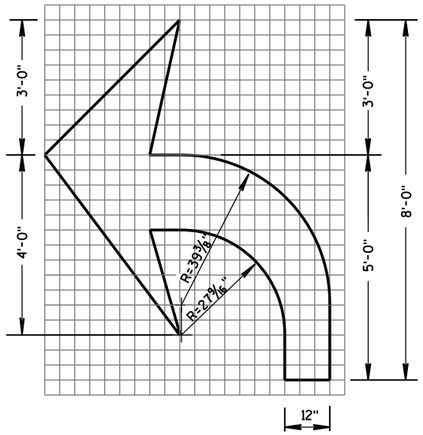
S.D.D. 15 C 7-13b

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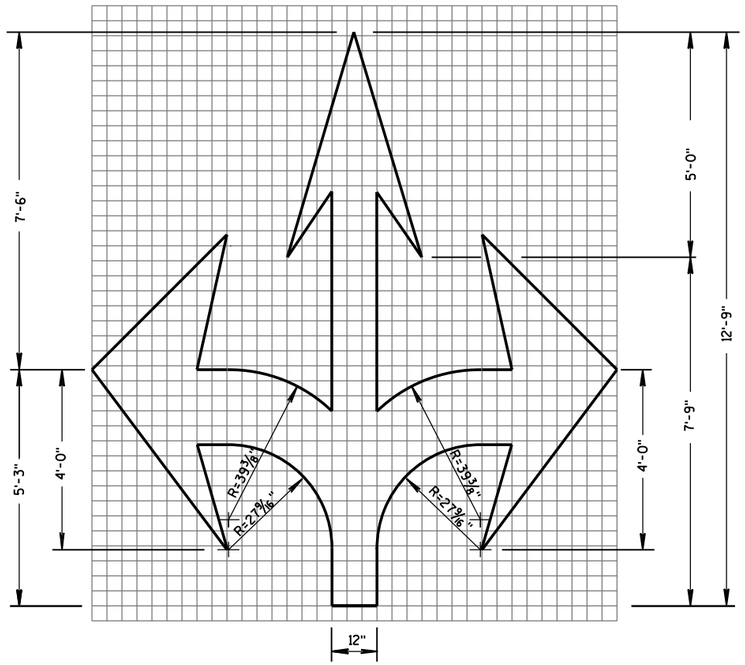
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GENERAL NOTES

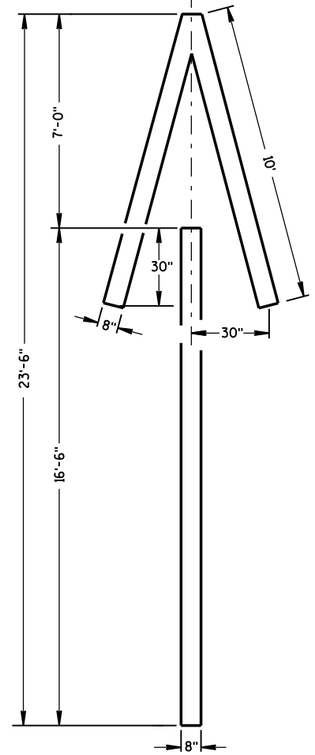
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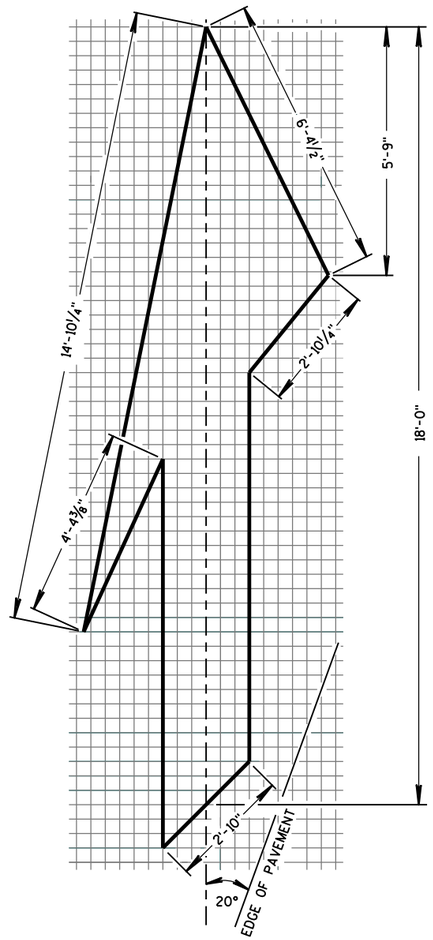
TYPE 2



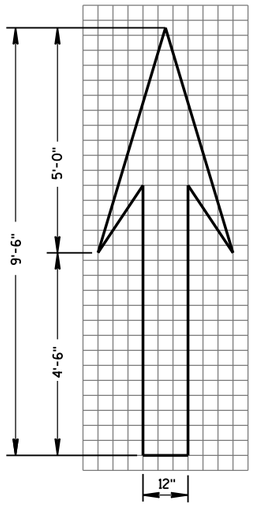
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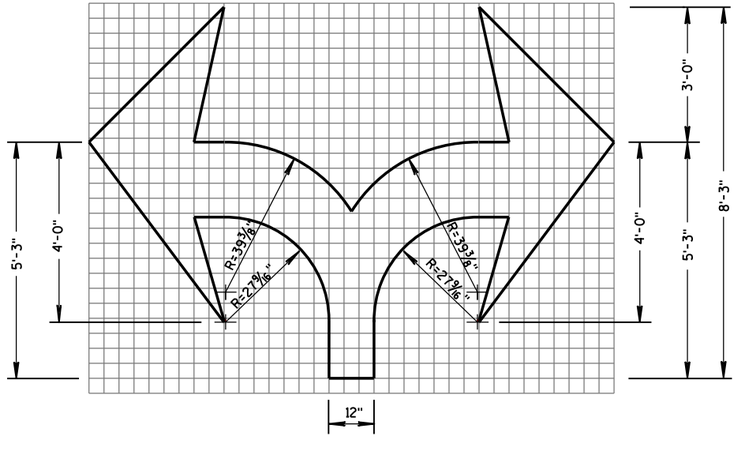
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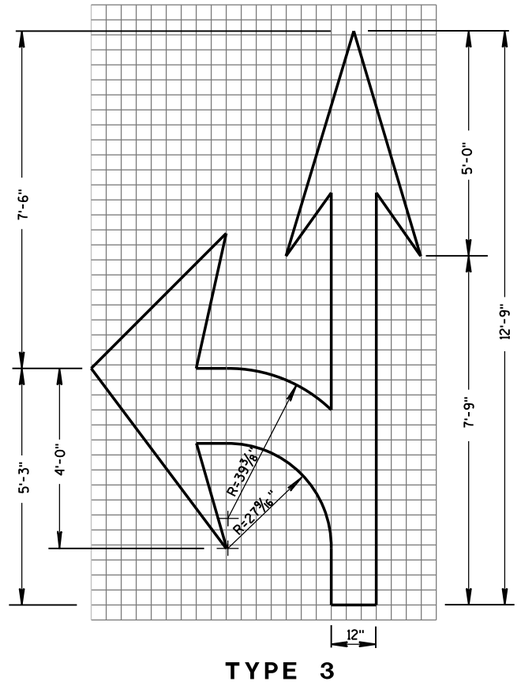
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

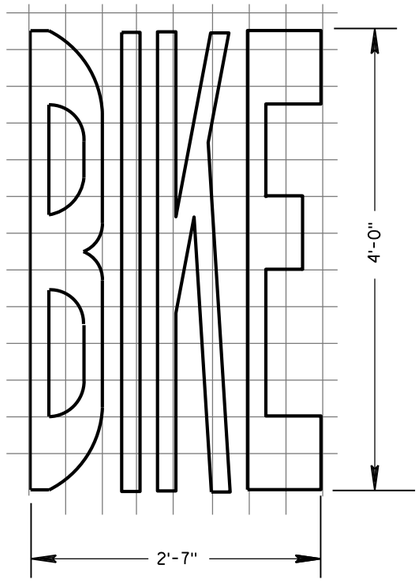
APPROVED
4-18-16
DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAR
NEER
FHWA

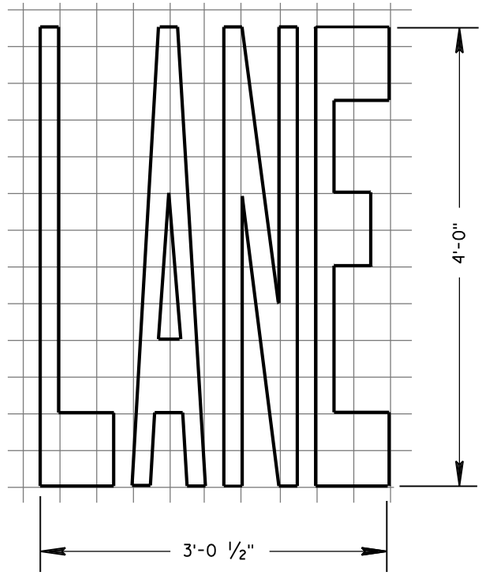
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S.D.D. 15 C 7-13c

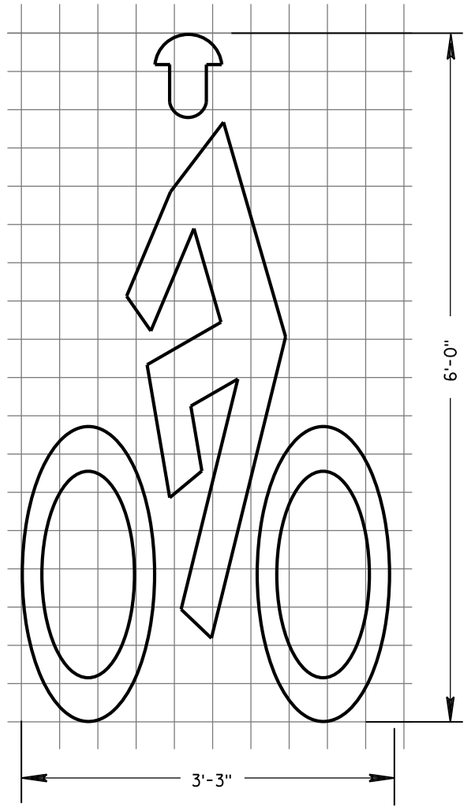
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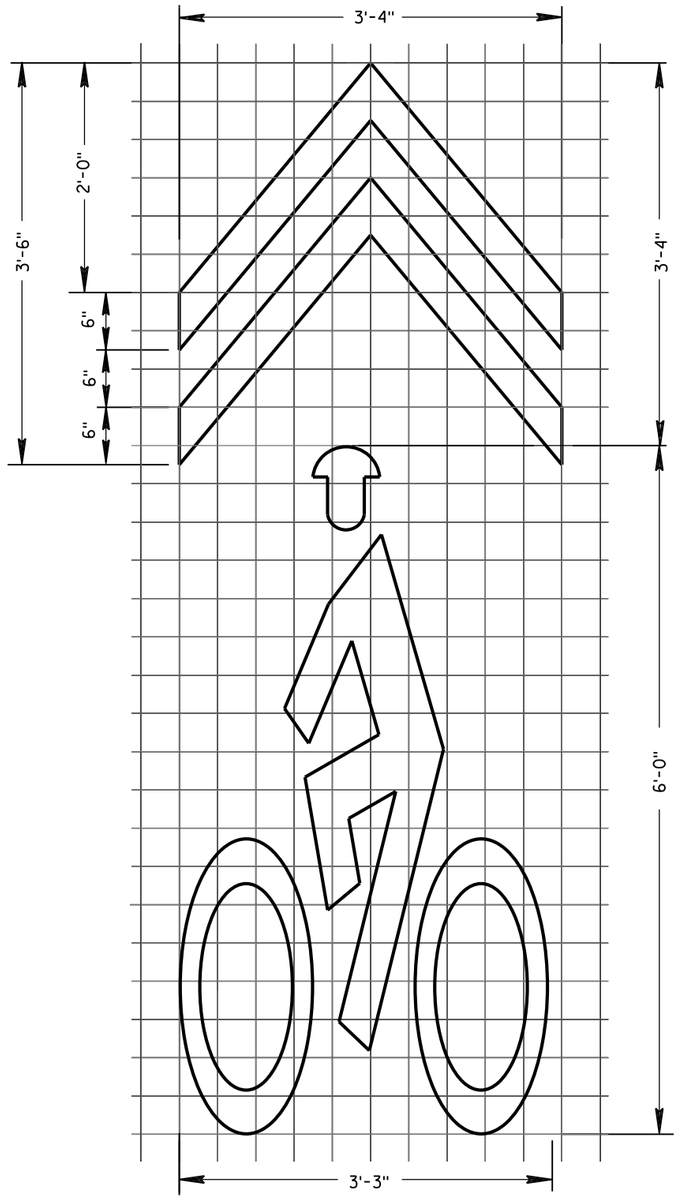




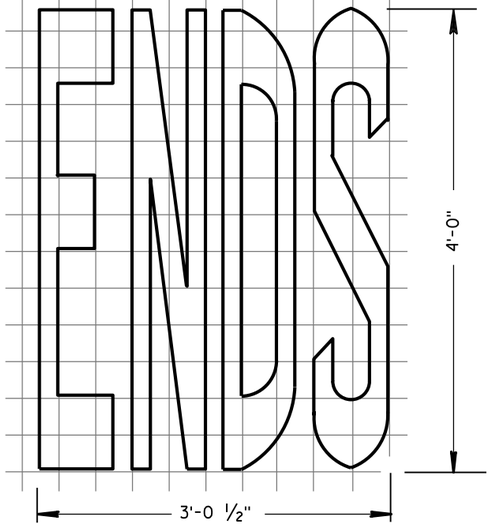
BIKE LANE WORDS



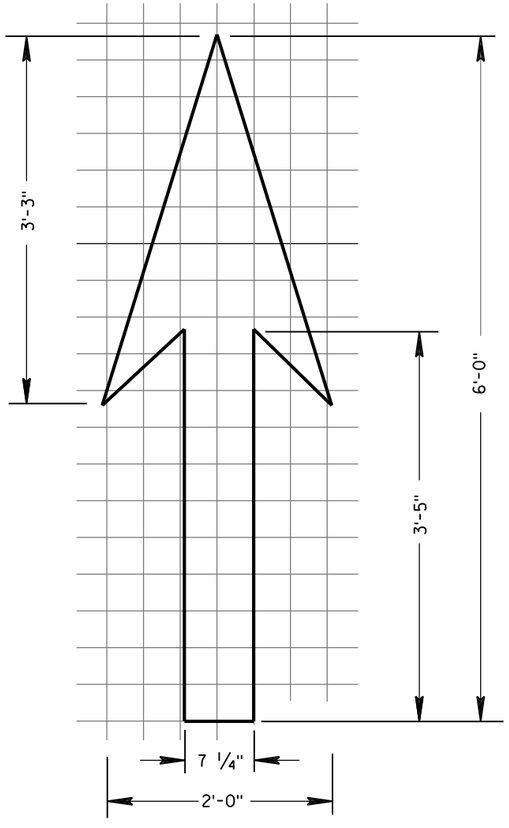
BIKE LANE SYMBOL



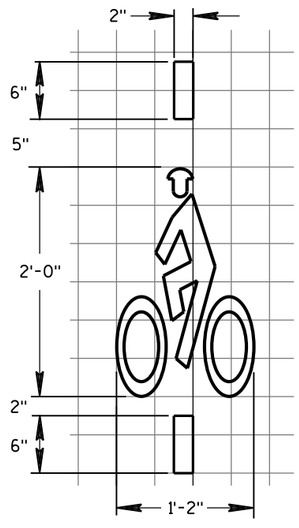
BIKE SYMBOL FOR SHARED LANE



BIKE LANE WORDS



BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARK ENGINEER

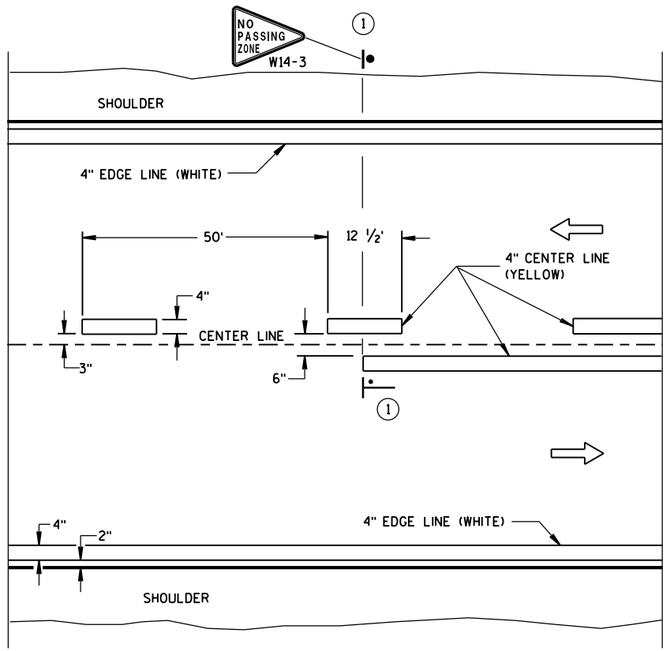
FHWA

6

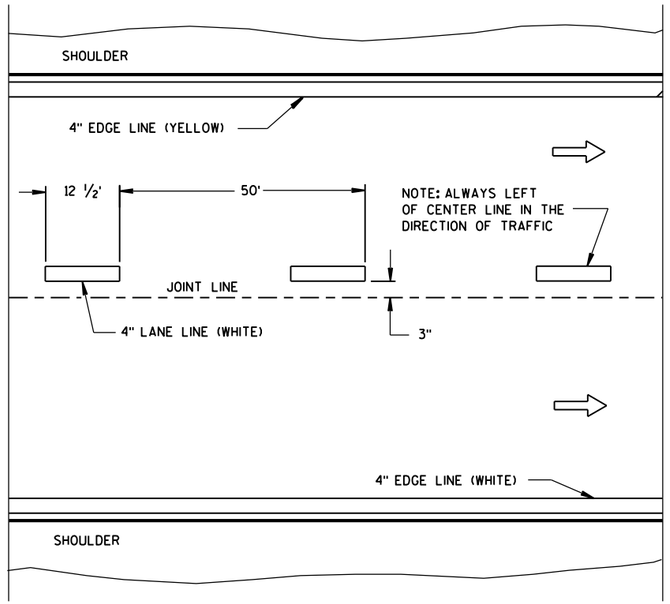
S.D.D. 15 C 7-13e

6

S.D.D. 15 C 7-13e



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) NO PASSING ZONE W14-3 SIGN SHALL BE LOCATED WITHIN 50 FEET OF THE "T" MARKING.

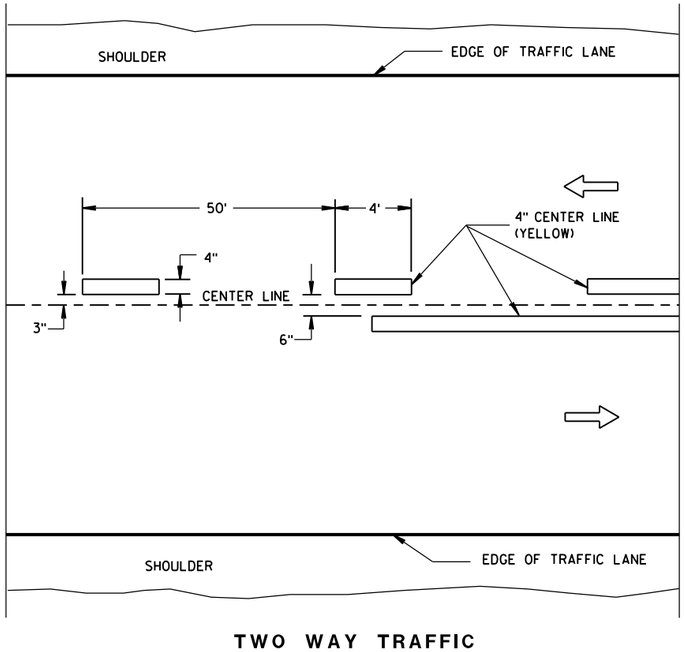
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

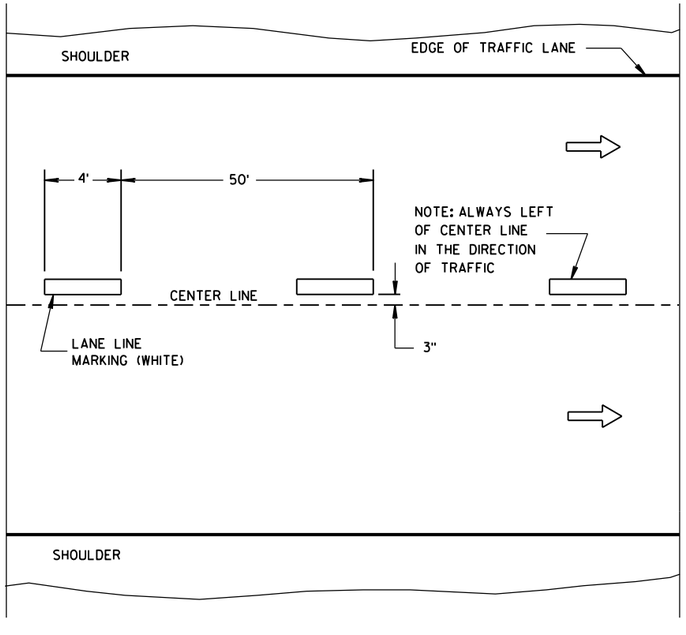
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

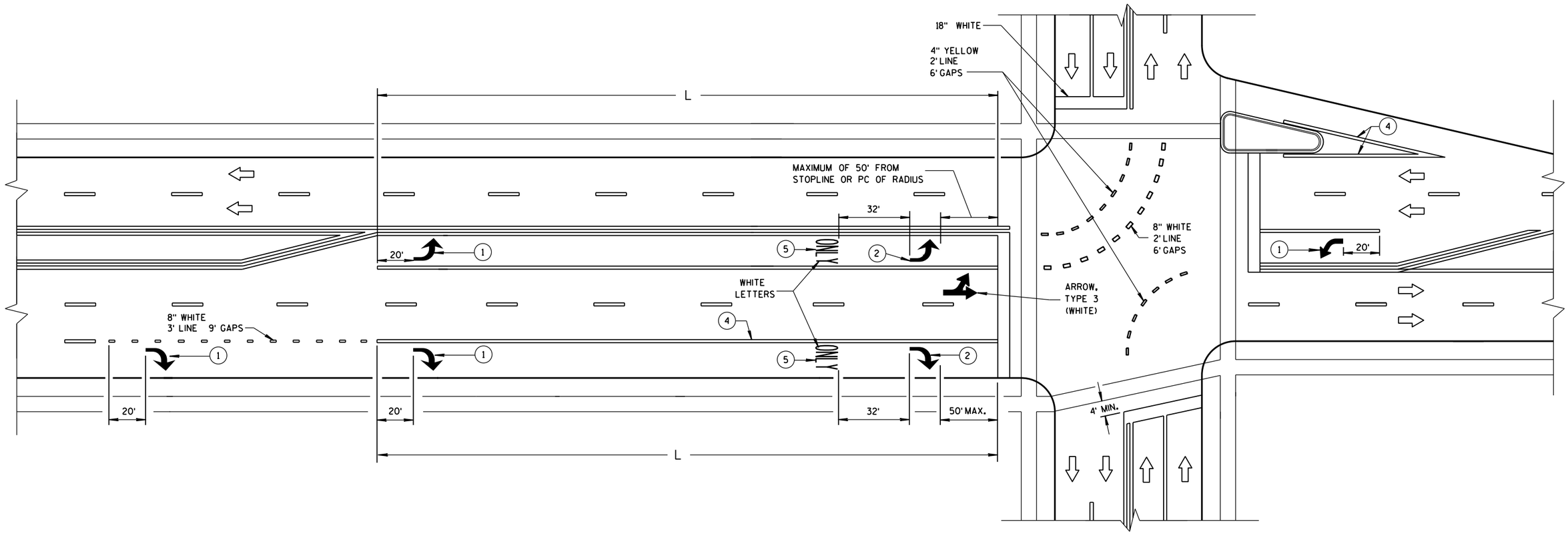
LONGITUDINAL MARKING (MAINLINE)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
Sept., 2016	/S/ Matthew R. Rauch
DATE	STATE SIGNING AND MARKING ENGINEER
FHWA	

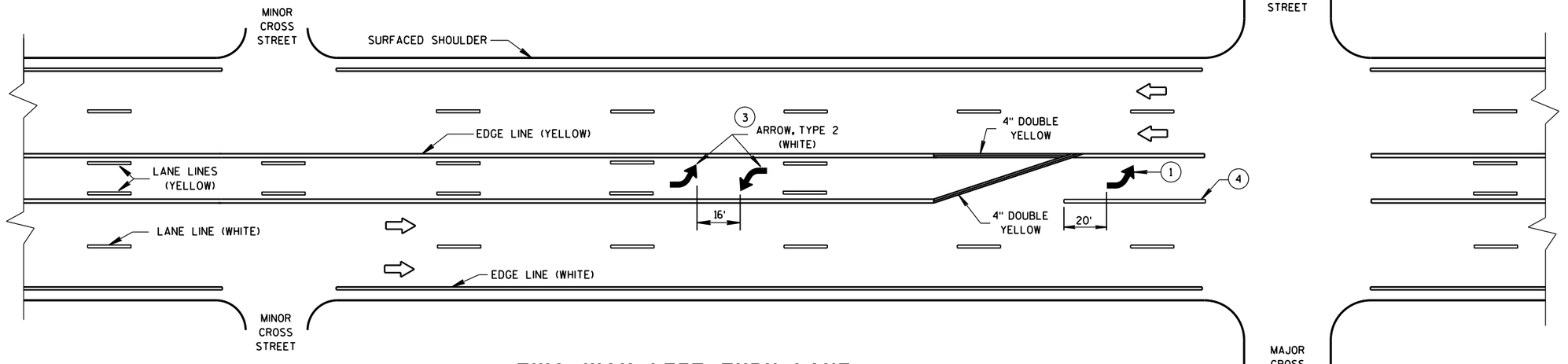
6

S.D.D. 15 C 8-17a

6

S.D.D. 15 C 8-17a





TWO WAY LEFT TURN LANE

GENERAL NOTES

(1) REQUIRED ARROW, TYPE 2 (WHITE).

(2) REQUIRED ARROW, TYPE 2 (WHITE) WHEN L IS GREATER THAN 78 FEET AND LESS THAN OR EQUAL TO 166 FEET.

(3) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

(4) 8" WHITE

(5) REQUIRED WORD ONLY WHEN L IS GREATER THAN 166 FEET.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

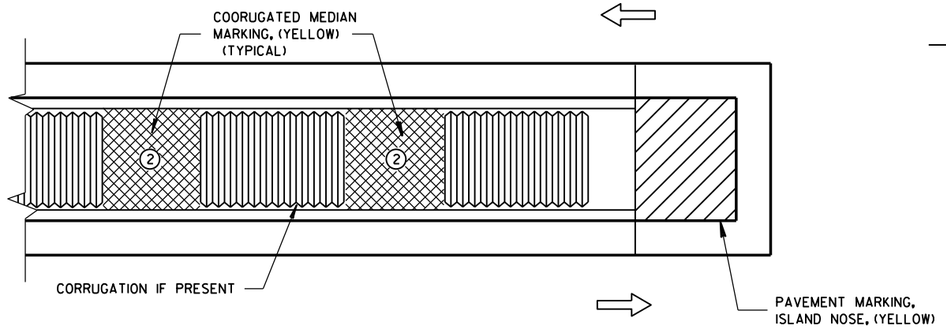
L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

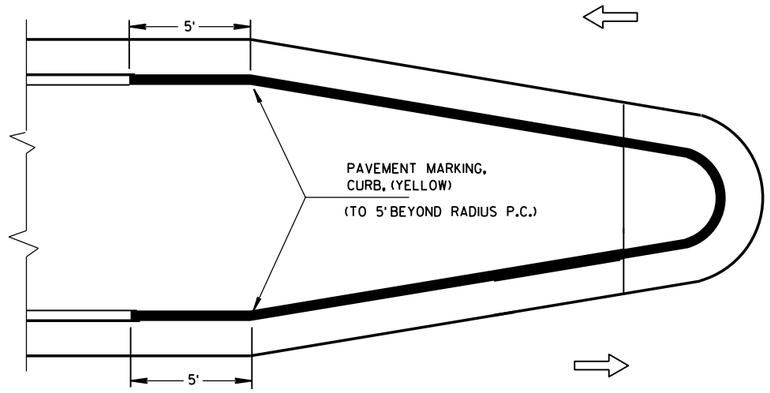
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

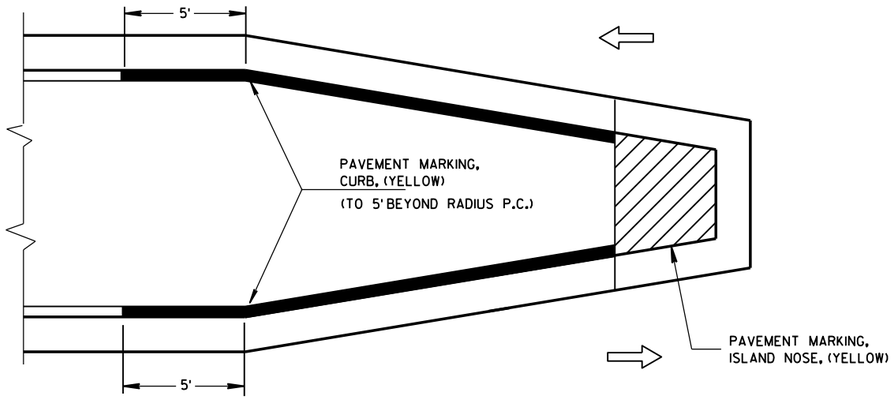
S.D.D. 15 C 8-17b



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

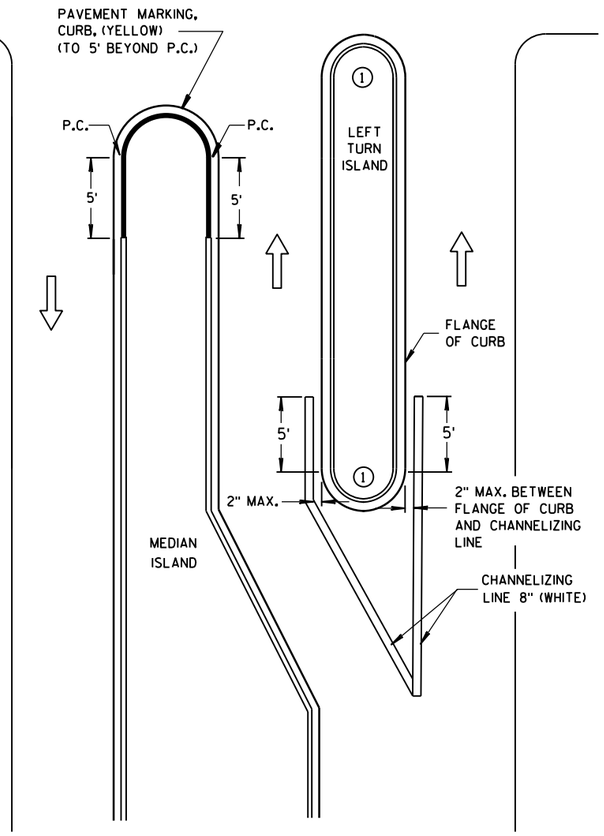


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

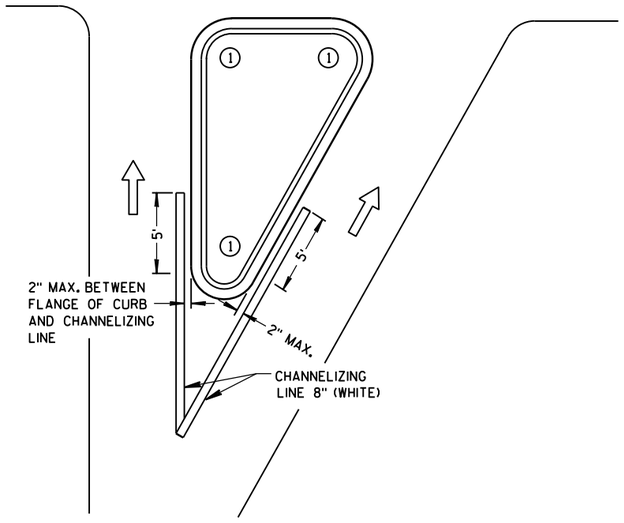


LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

1. DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.

2. 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.



RIGHT TURN ISLAND

LEGEND

- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS)

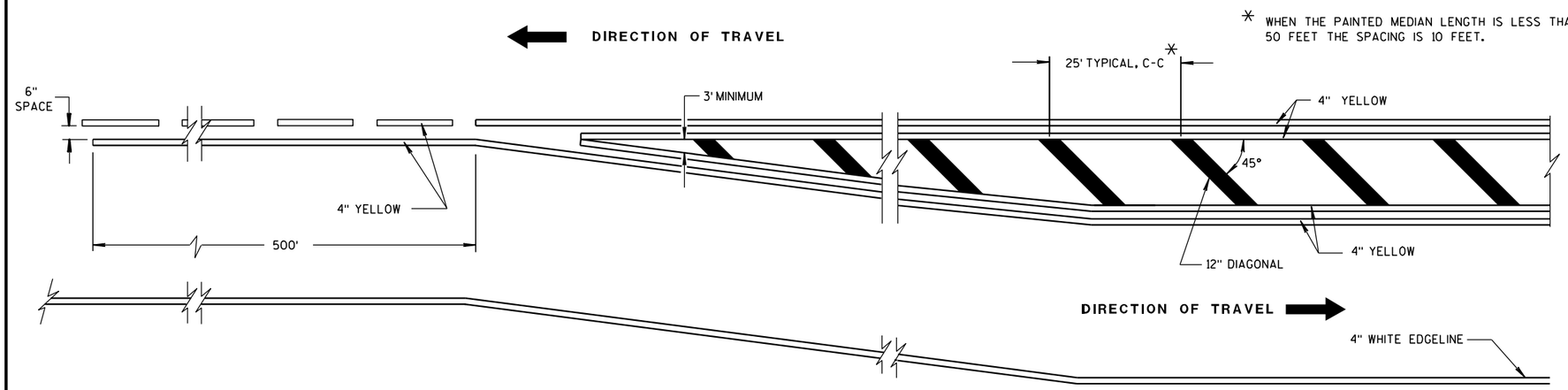
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 C 8-17c

6

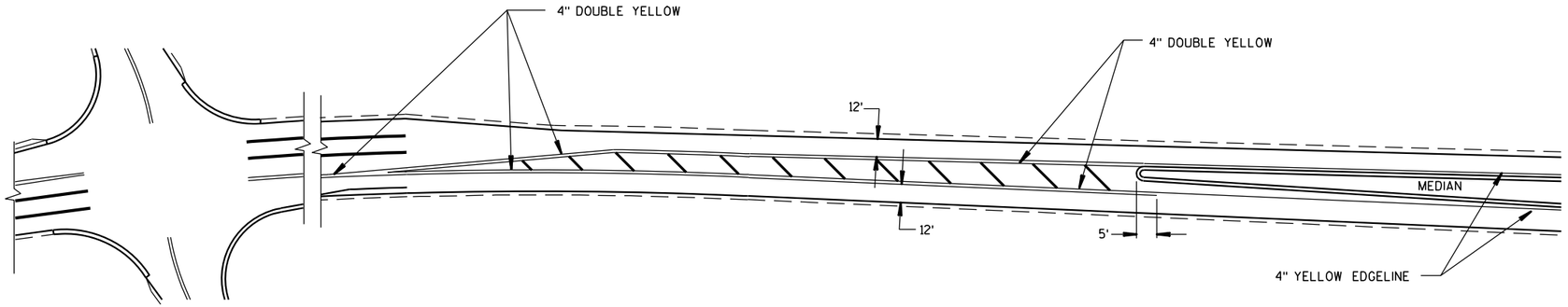
S.D.D. 15 C 8-17c



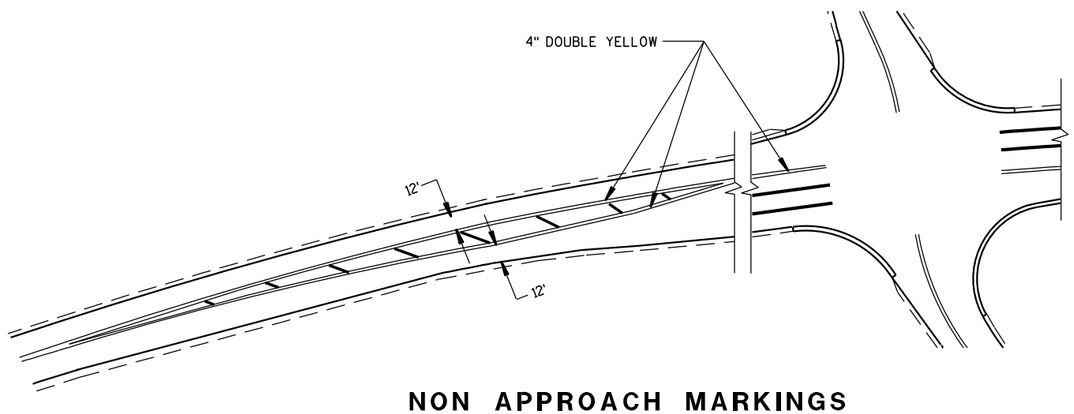
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

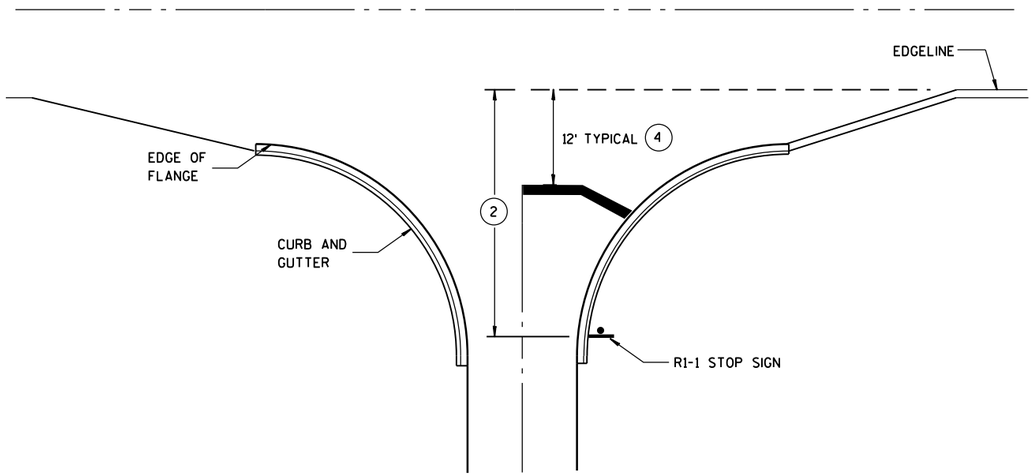
MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER
FHWA	219 IGN

6

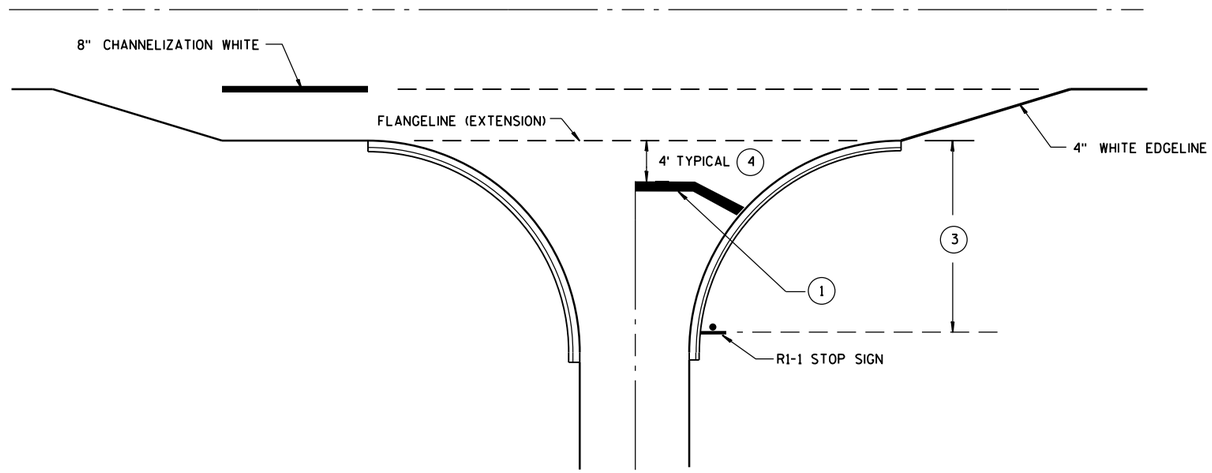
6

S.D.D. 15 C 18-3

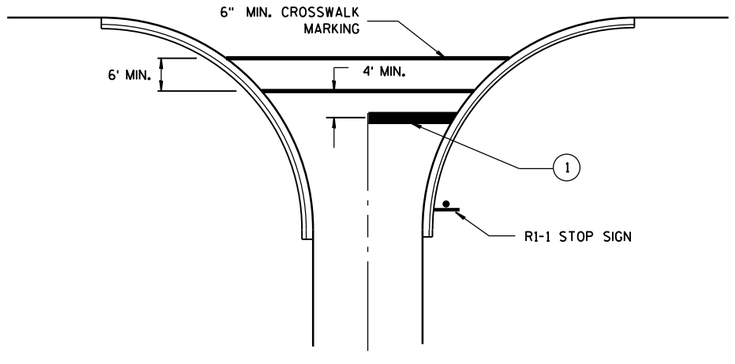
S.D.D. 15 C 18-3



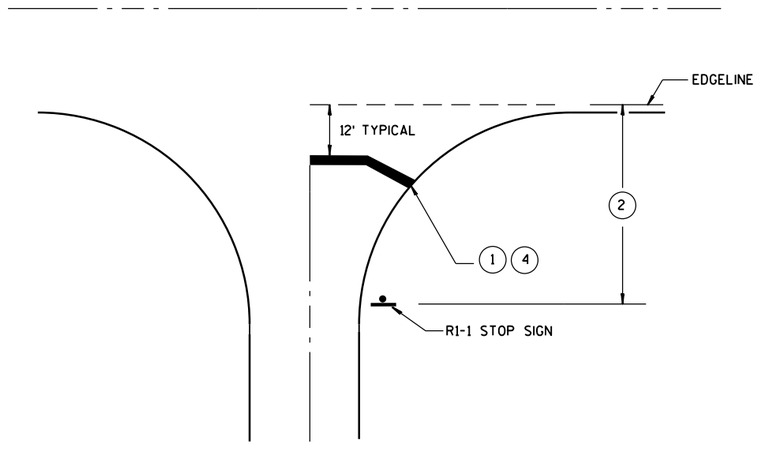
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



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

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

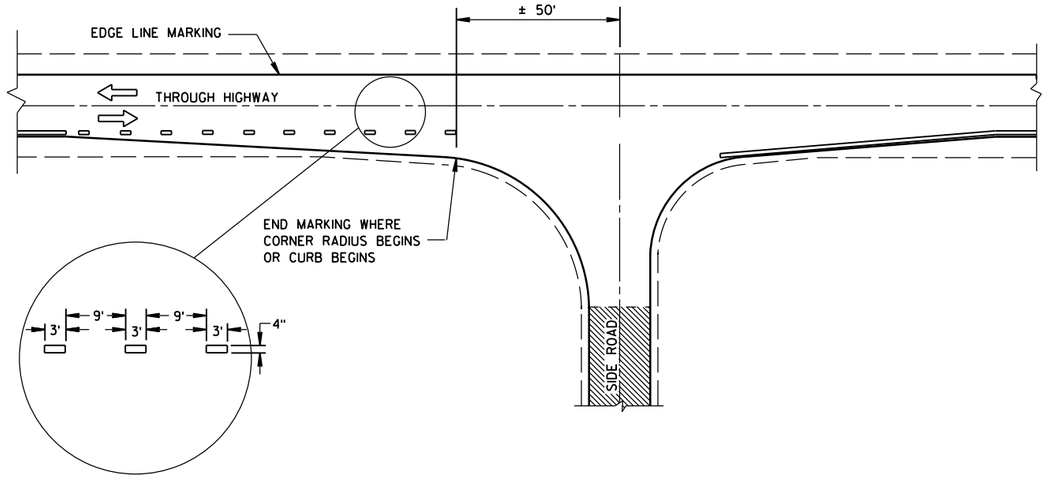
4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR 220 NEER

FHWA

6

S.D.D. 15 C 33-2



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

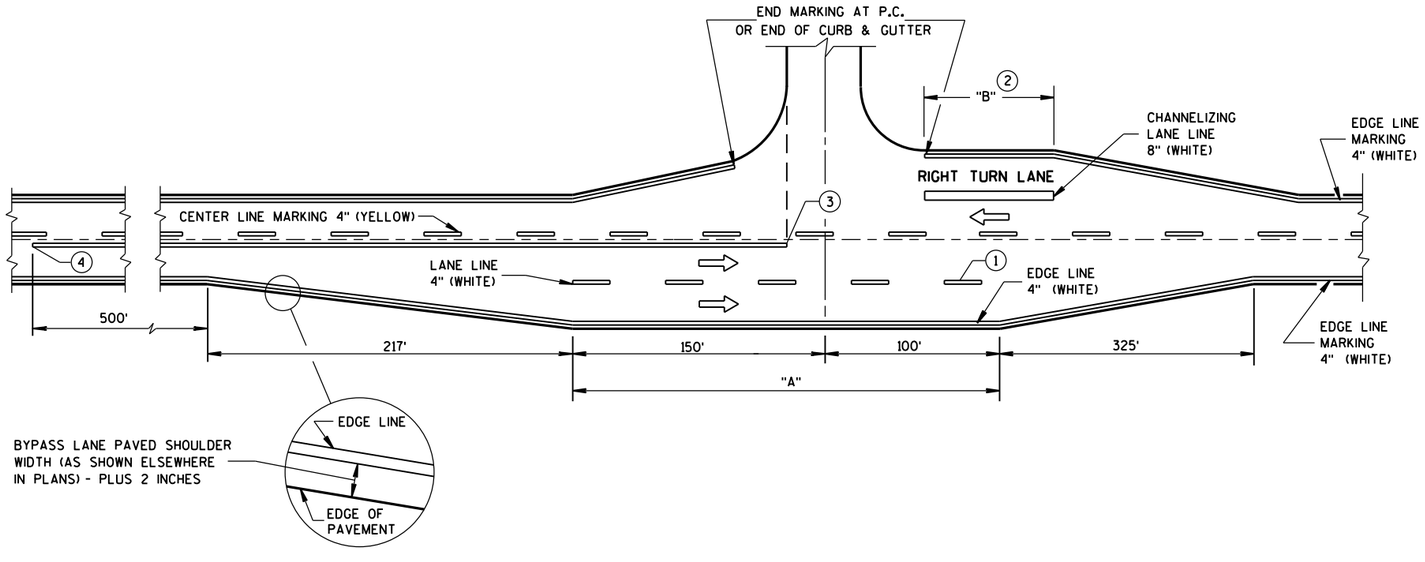
(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(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

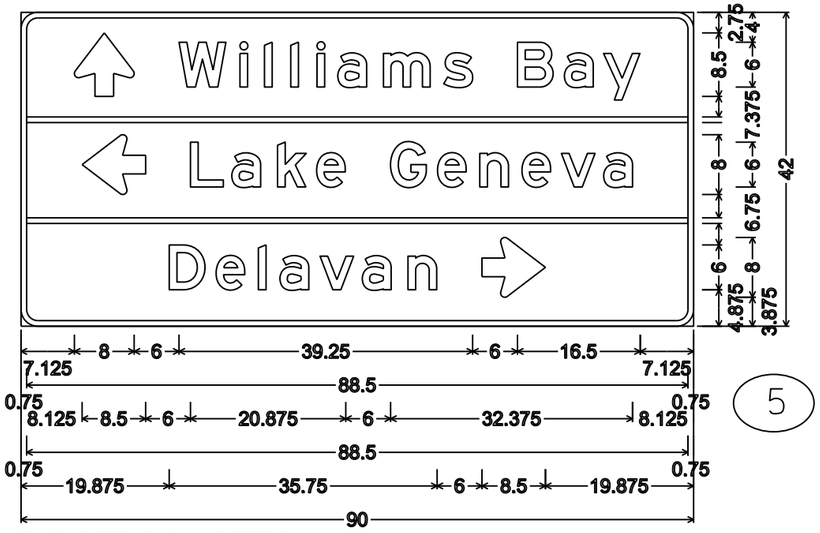
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

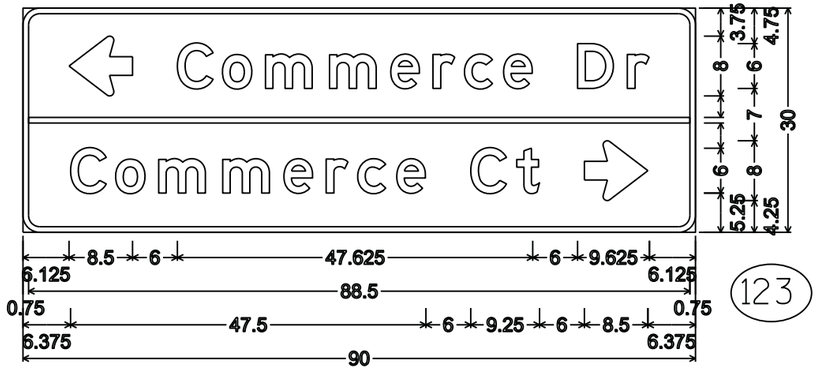
6

S.D.D. 15 C 35-1a



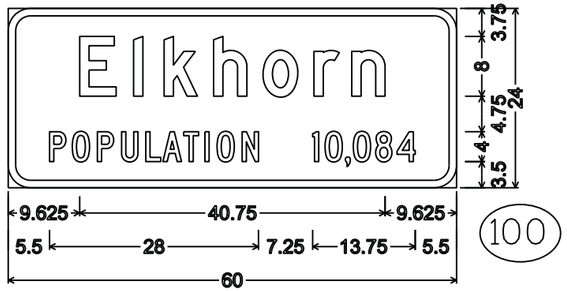
5

D1-3; 2.250" Radius, 0.750" Border



123

D1-2; 2.250" Radius, 0.750" Border

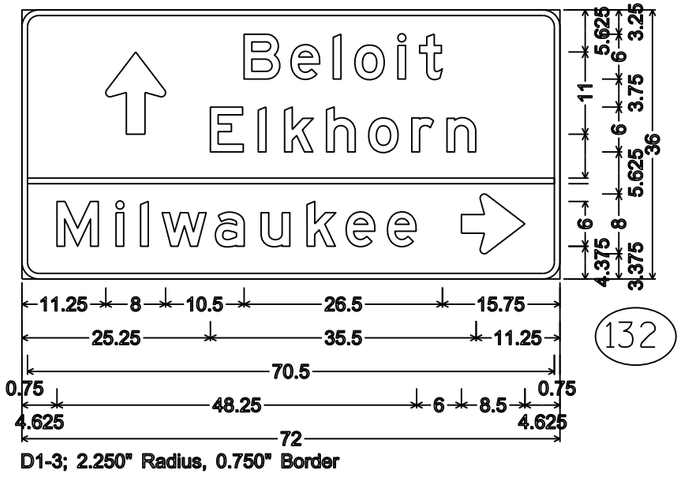


100

I2-3;
3.000" Radius, 1.000" Border,
"Elkhorn" D; "POPULATION" C; "10,084" C

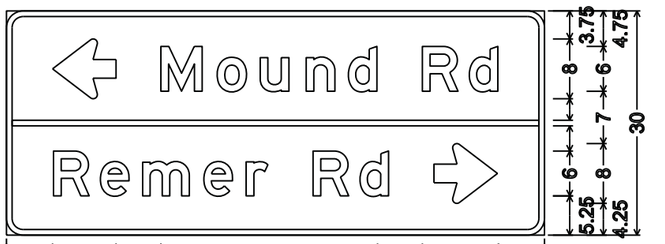
NOTES

1. Signs are Type II- Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



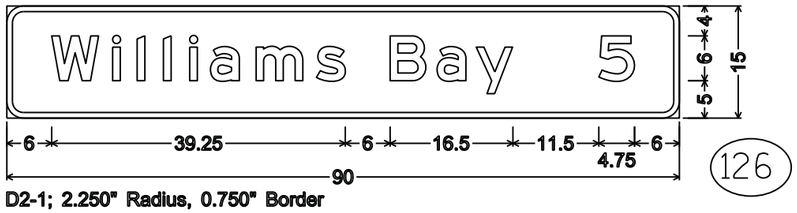
132

D1-3; 2.250" Radius, 0.750" Border



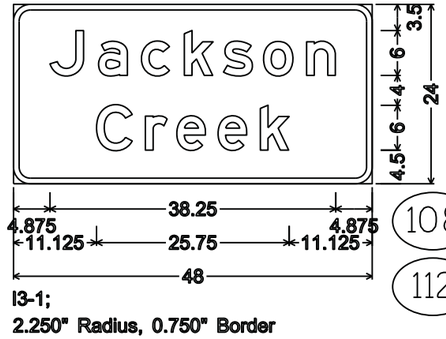
89

D1-2; 2.250" Radius, 0.750" Border



126

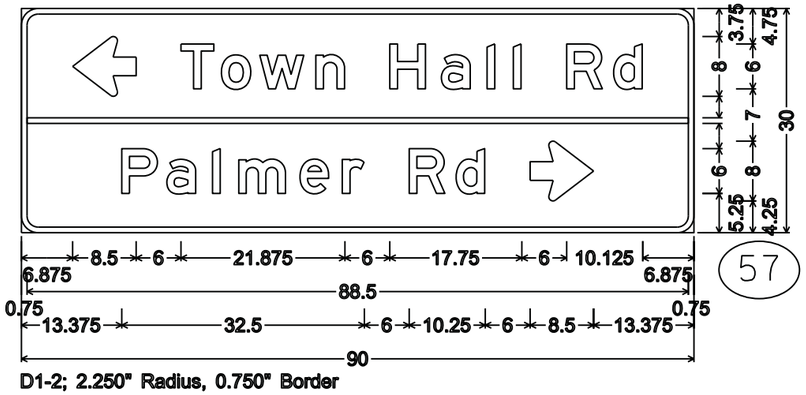
D2-1; 2.250" Radius, 0.750" Border



108

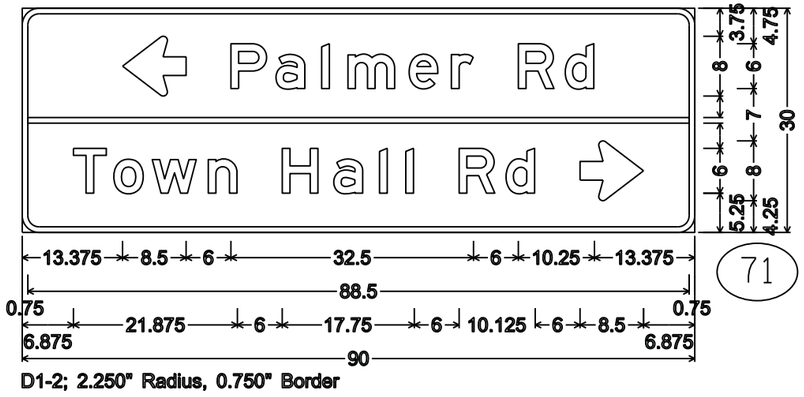
112

I3-1;
2.250" Radius, 0.750" Border



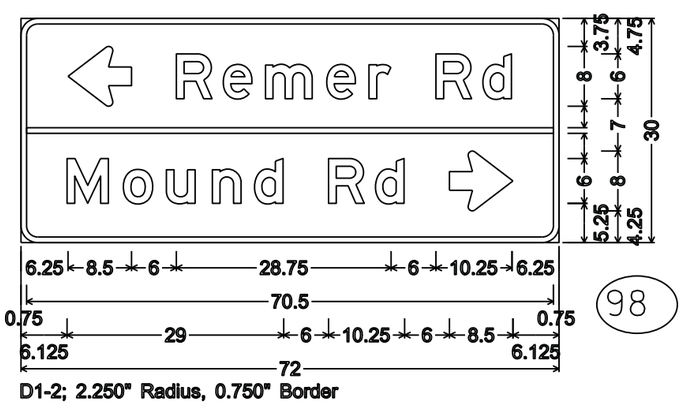
57

D1-2; 2.250" Radius, 0.750" Border



71

D1-2; 2.250" Radius, 0.750" Border

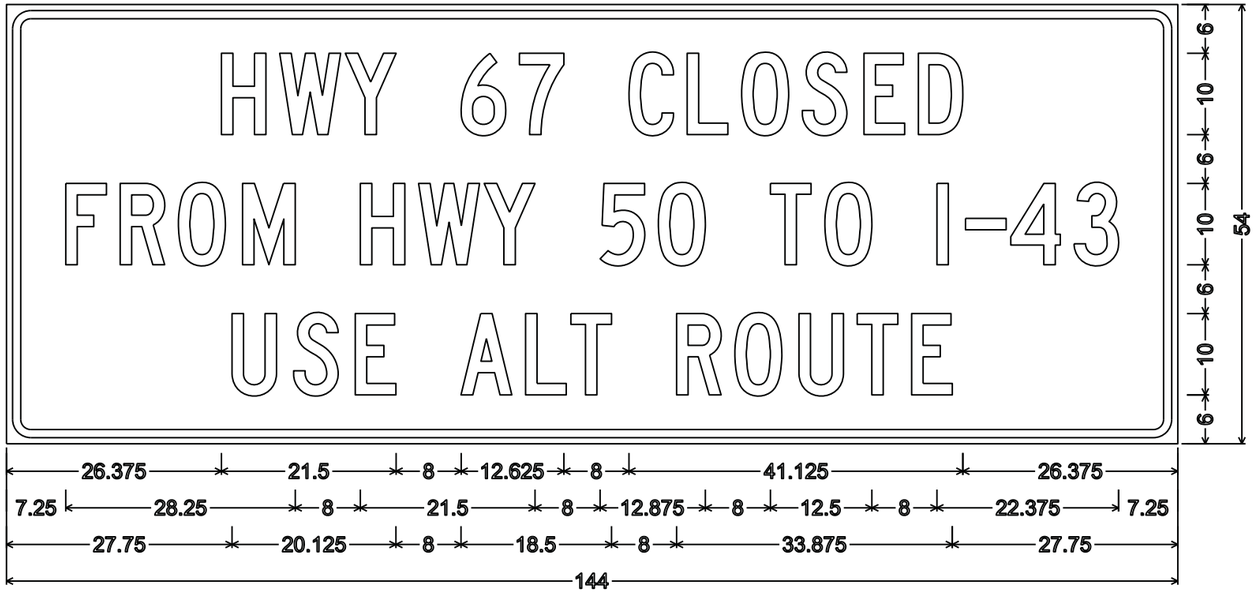


98

D1-2; 2.250" Radius, 0.750" Border

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET NO: 222	E

FMS 1

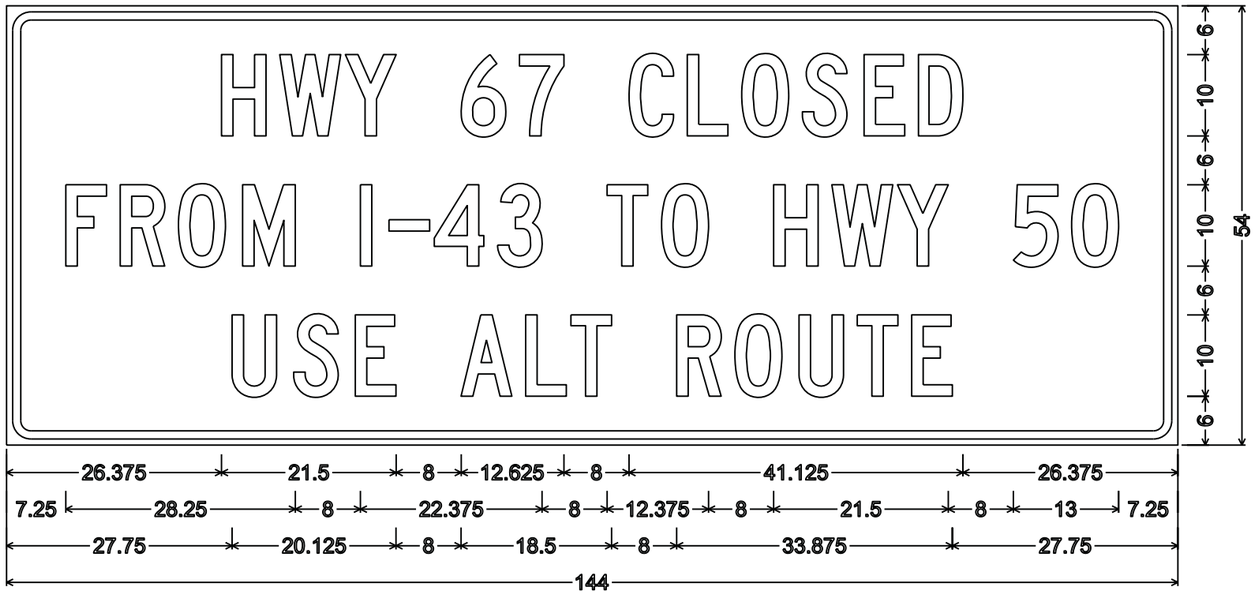


3.000" Radius, 1.000" Border, 0.750" Indent

NOTES

1. Fixed Message Type II Signs - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C

FMS 2



3.000" Radius, 1.000" Border, 0.750" Indent

7

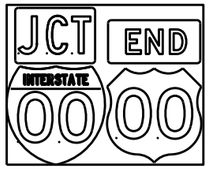
7

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	TEMPORARY SIGNING	SHEET NO: 223	E

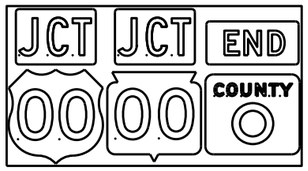
TYPICAL ASSEMBLIES



J1-1



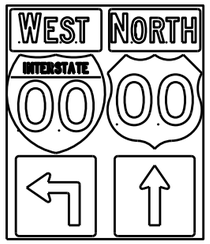
J1-2



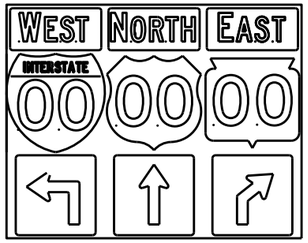
J1-3



J2-1



J2-2

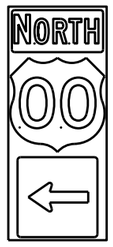


J2-3

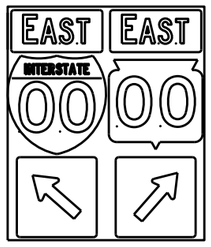


JV

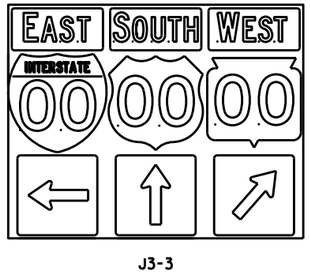
(Typical Vertical J-Assembly
See Note 10 and 11)



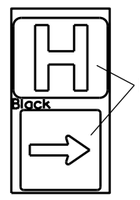
J3-1



J3-2



J3-3

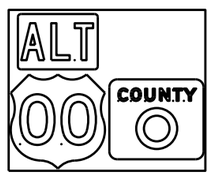


Blue Background

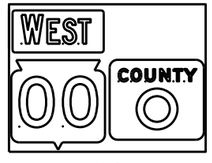
JH-1



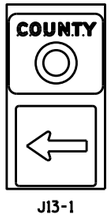
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1

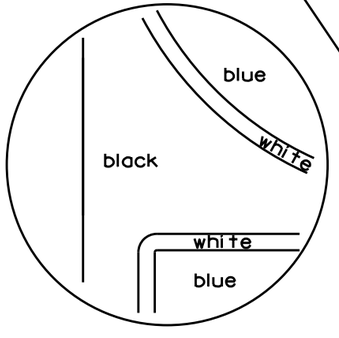


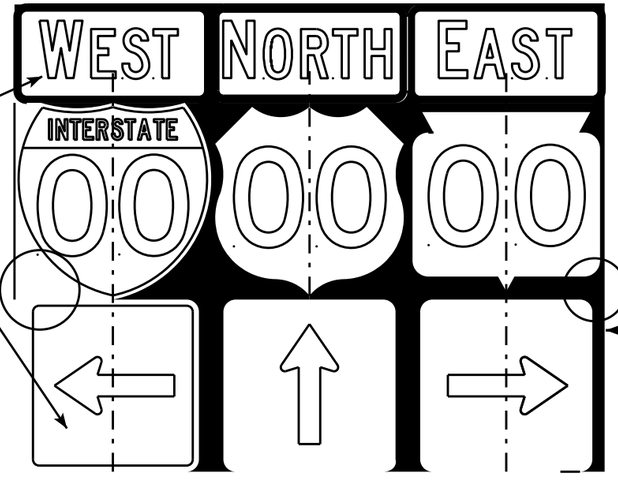
J23-1

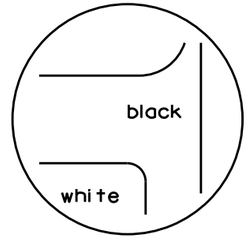


J22-1

[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

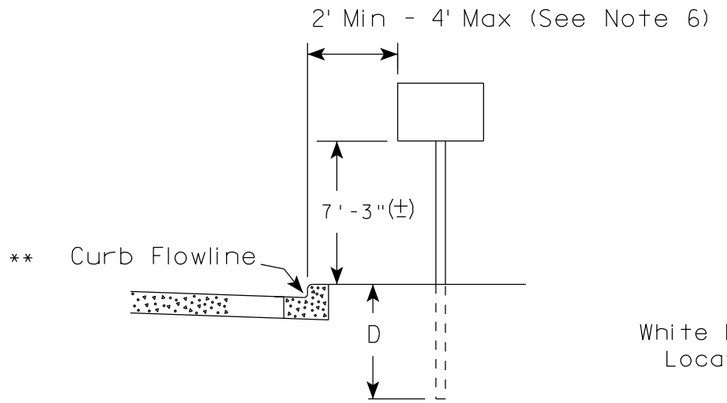
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/06/14 PL... A2-1S.8

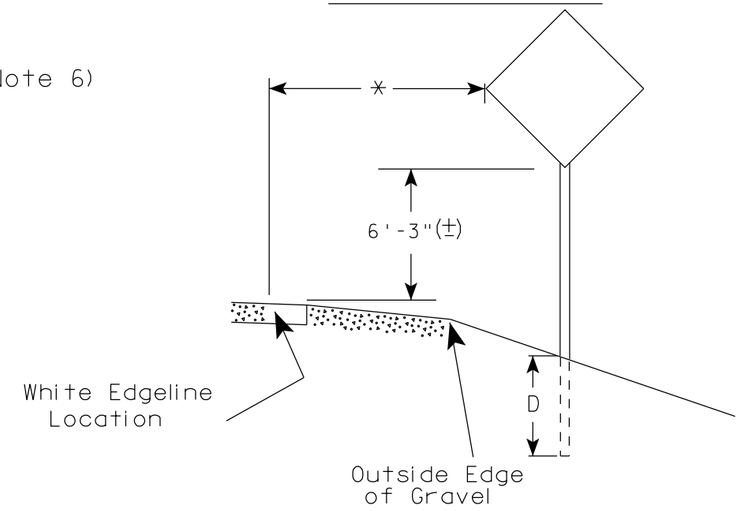
PROJECT NO: SHEET NO: E

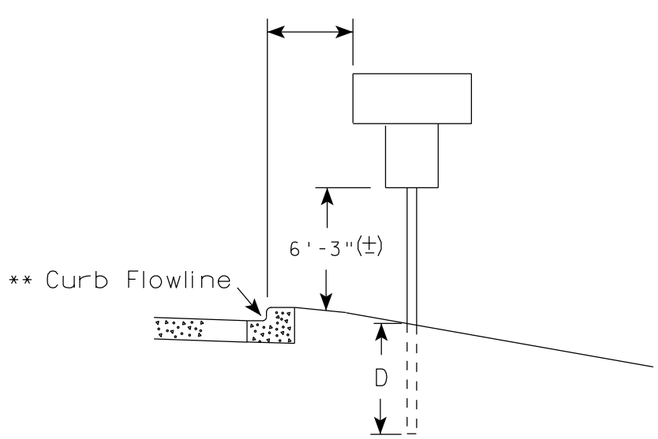
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WISDOT/CADDS SHEET 42

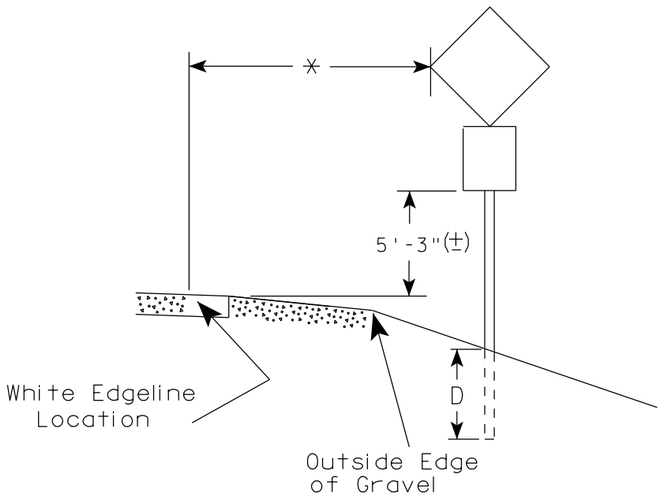
URBAN AREA



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. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
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

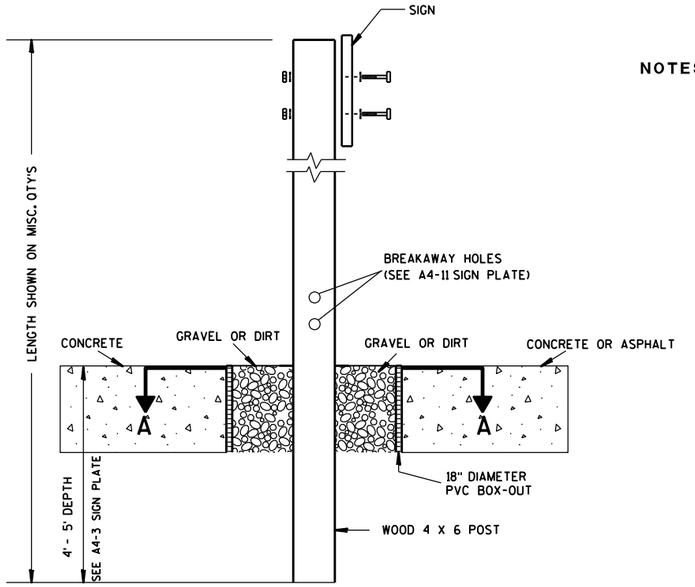
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

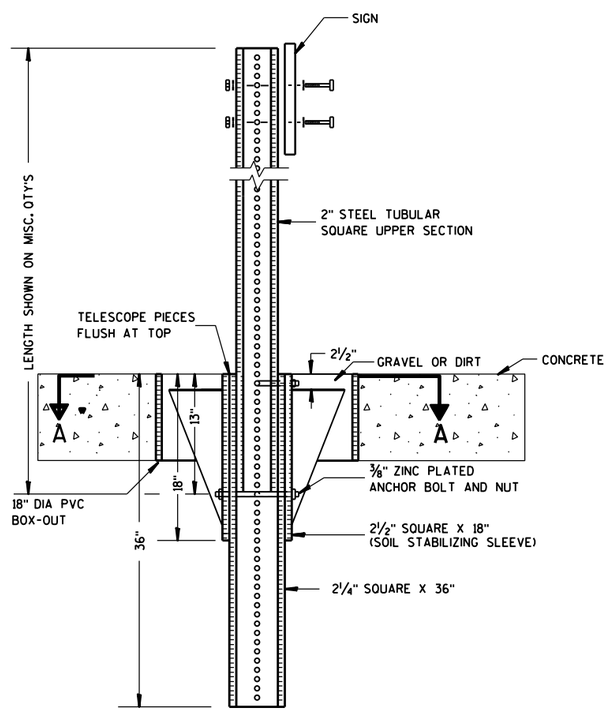
7



ELEVATION VIEW

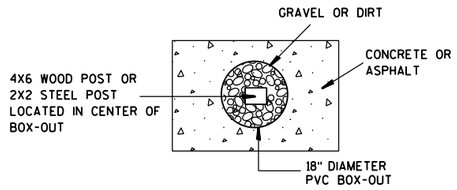
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

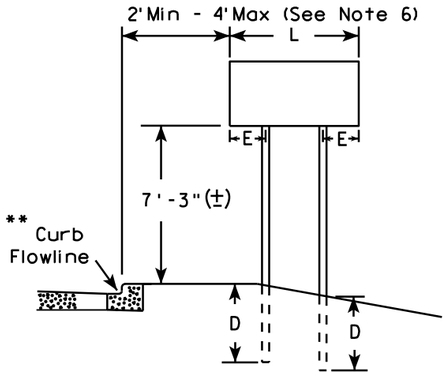
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

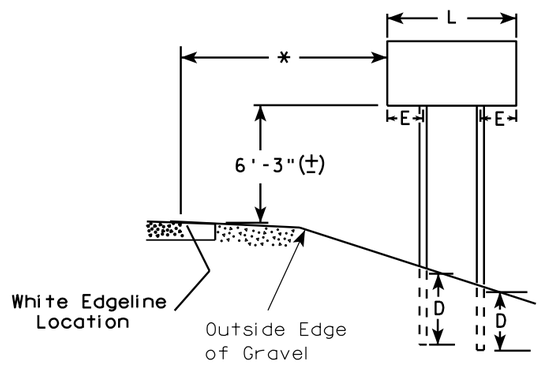
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

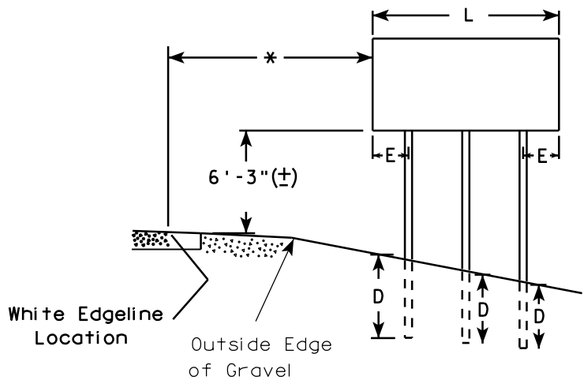
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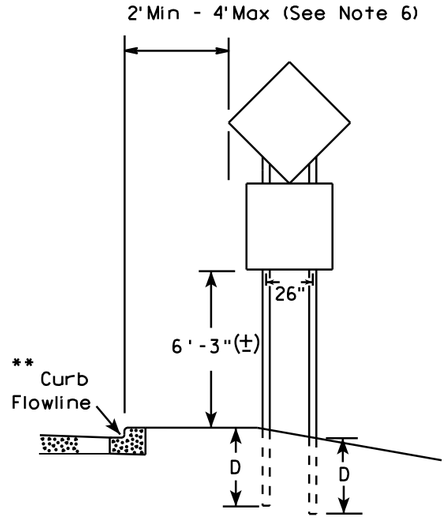
URBAN AREA



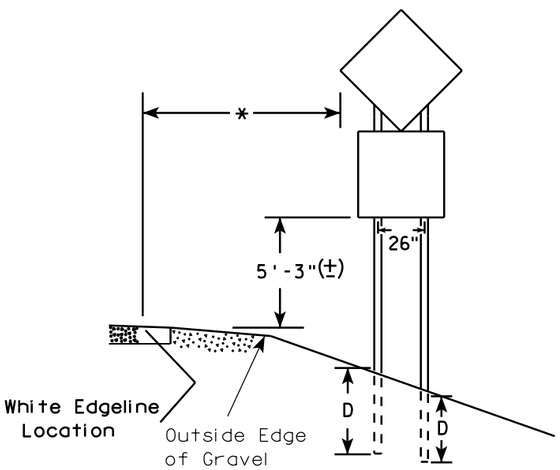
RURAL AREA (See Note 3)







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 120"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	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. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
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

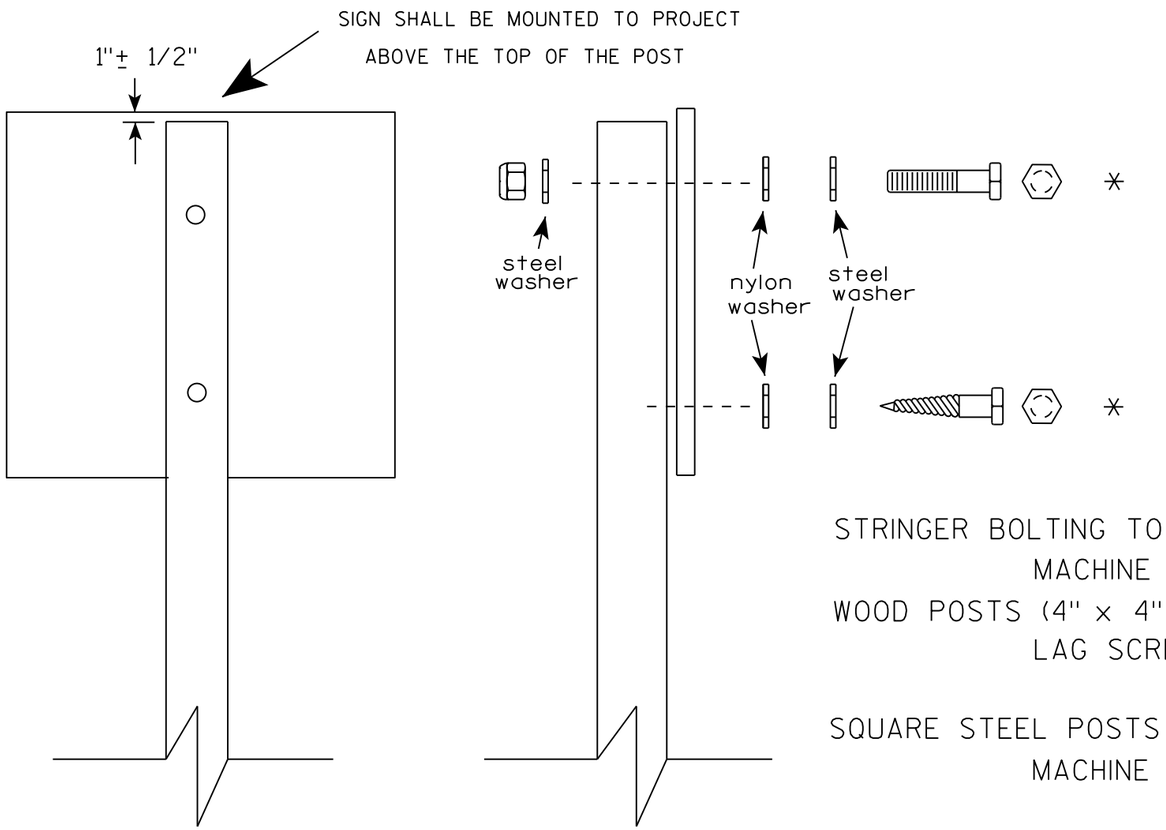
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4 227 14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

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WISDOT/CADDS SHEET 42



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

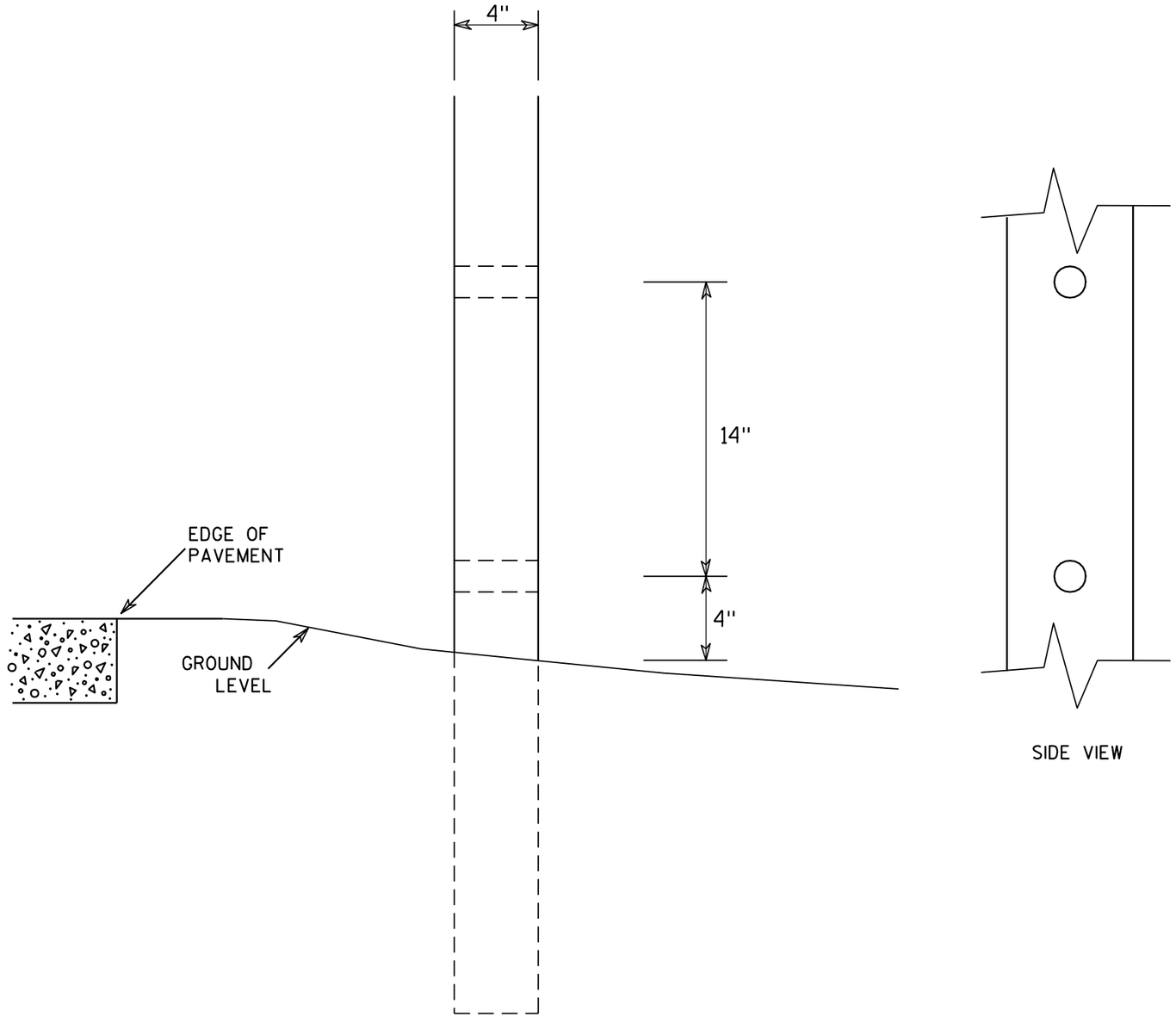
WISCONSIN DEPT OF TRANSPORTATION

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 : $$ plotuser $$



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.

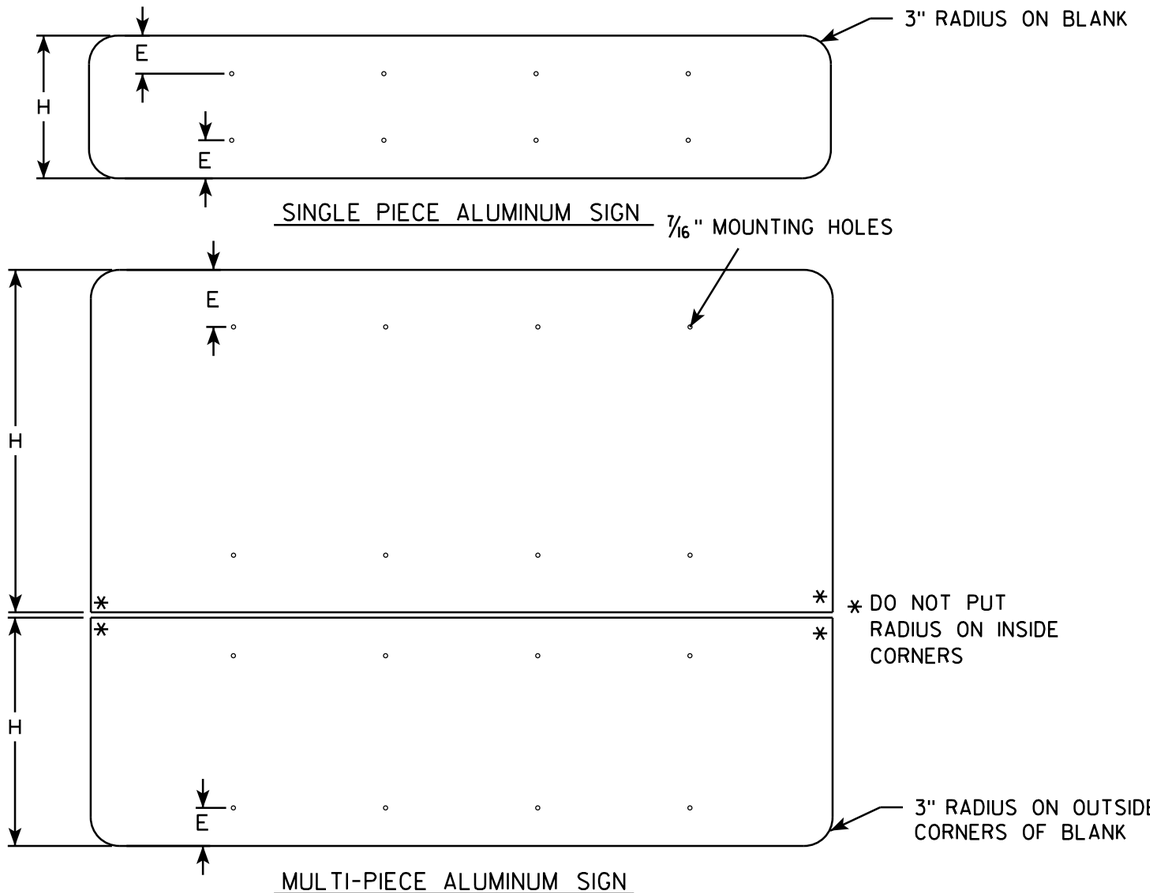
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

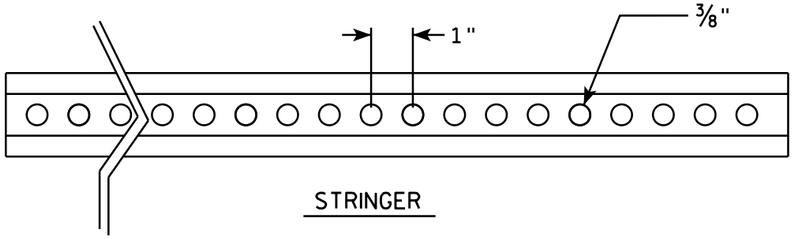
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GENERAL NOTES

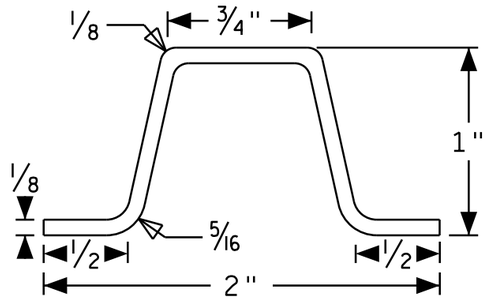
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

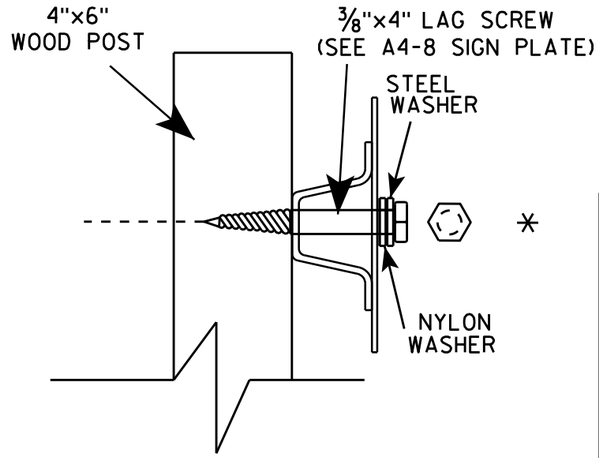


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

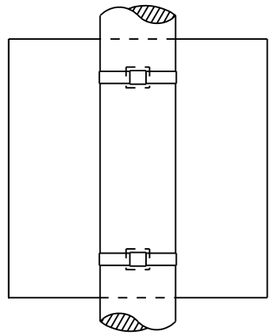
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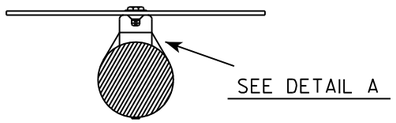
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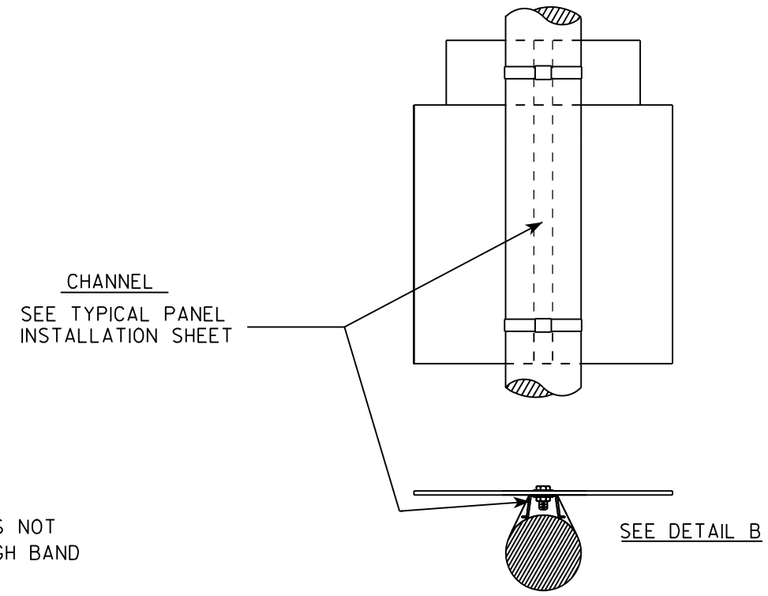
BANDING

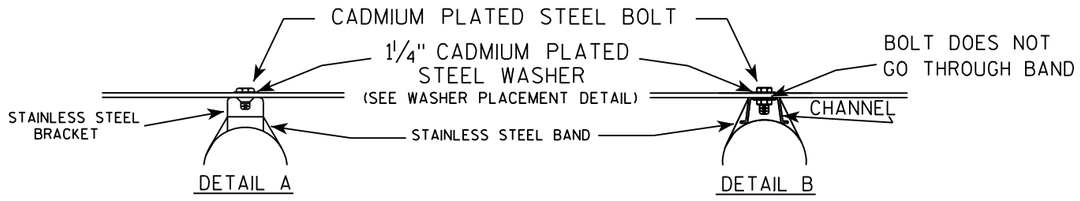
SINGLE SIGN



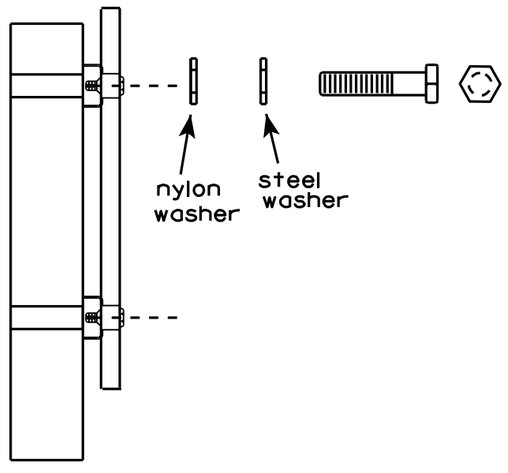


"J" ASSEMBLY





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 3/4" in width and 0.025" thickness.

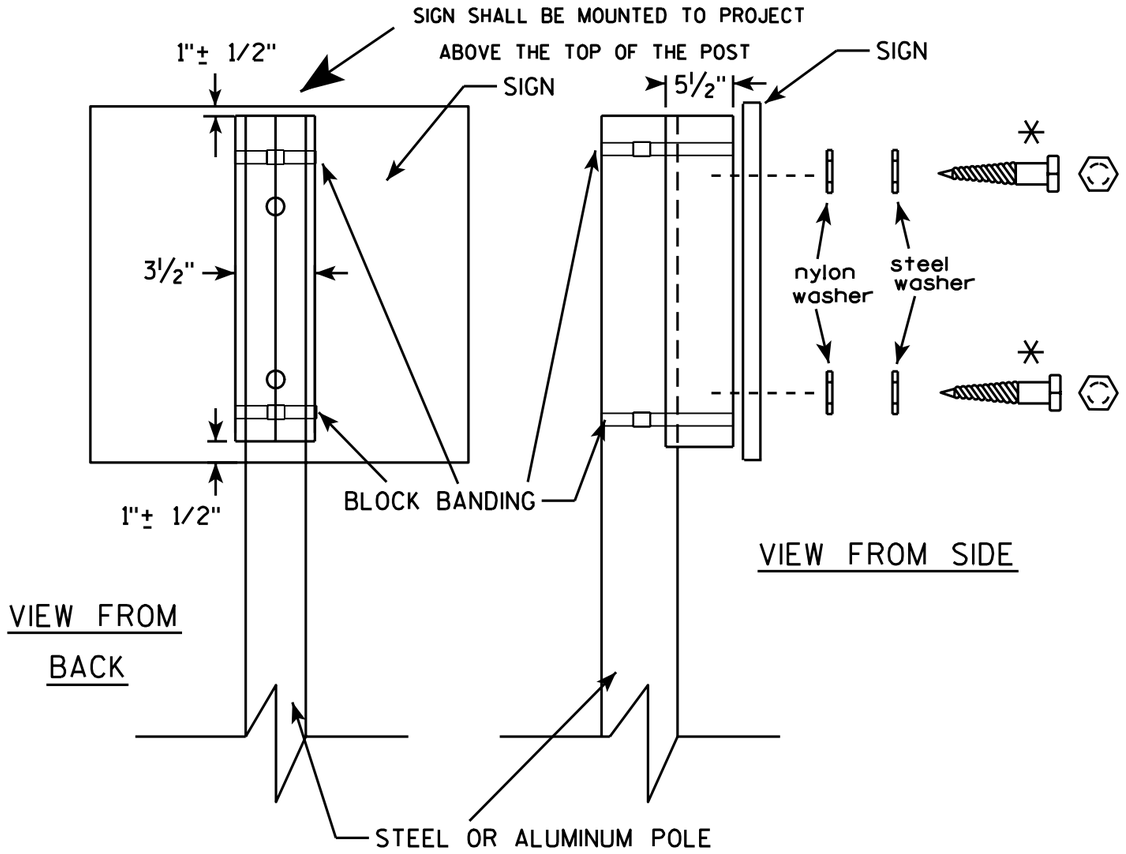
STANDARD SIGN
SIGN BANDING DETAILS

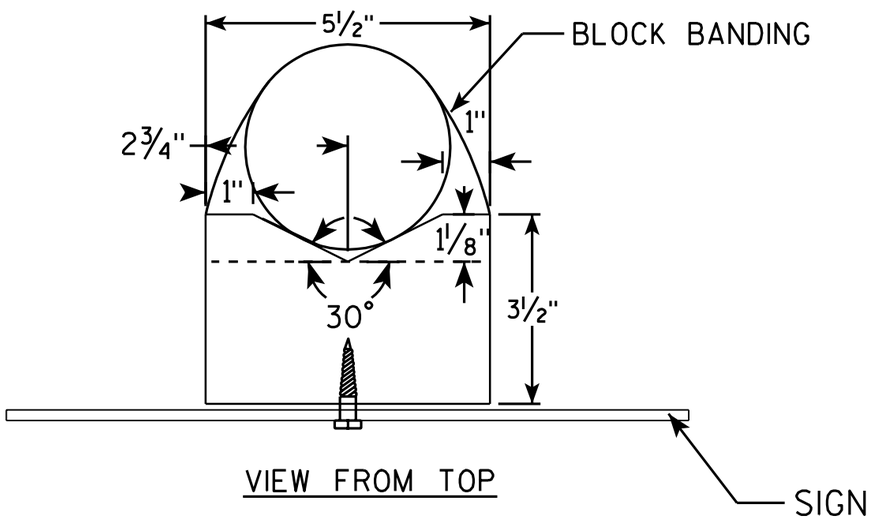
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 231	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"

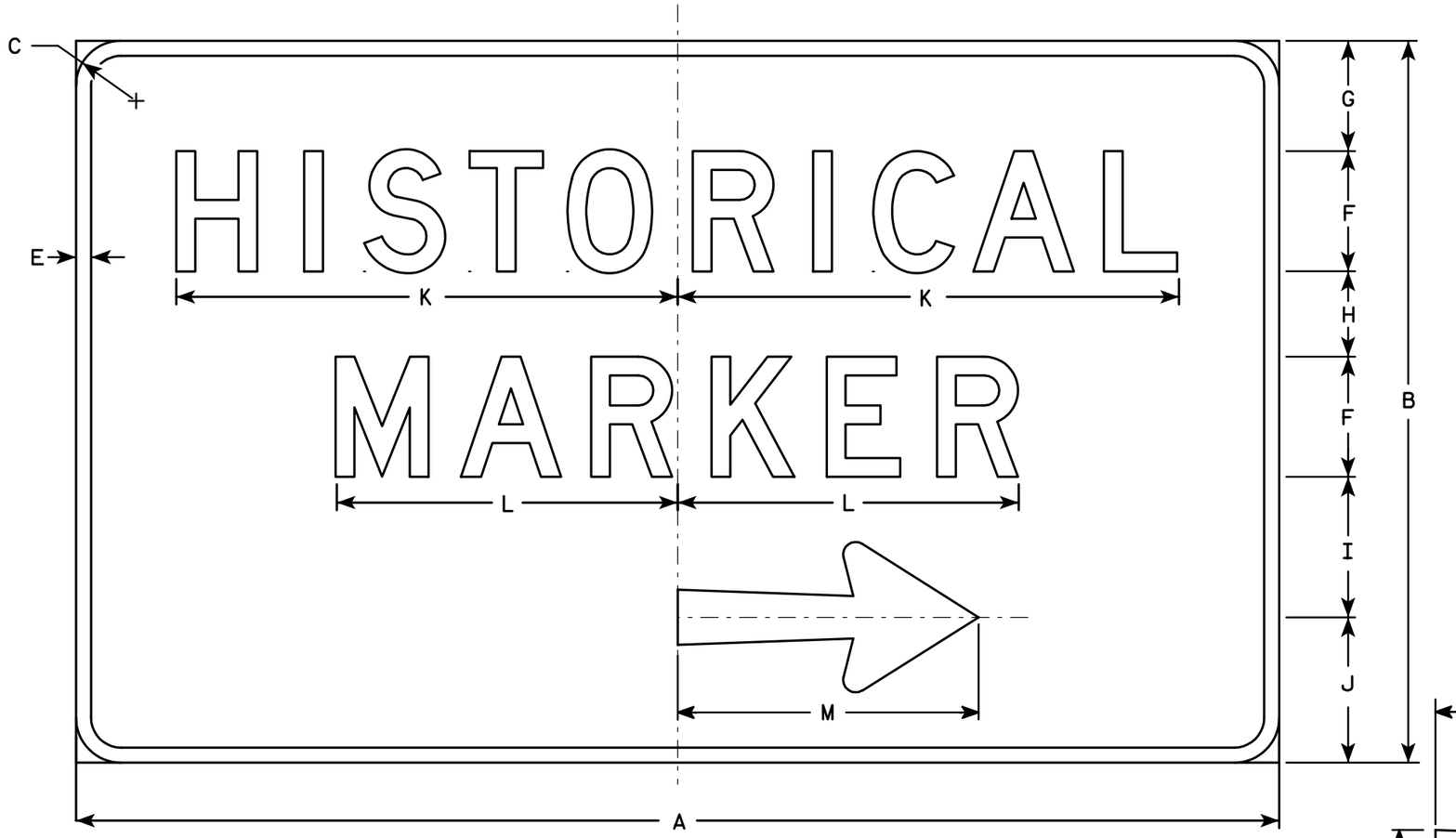
BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/12/07 PLATE NO. A5-10.1

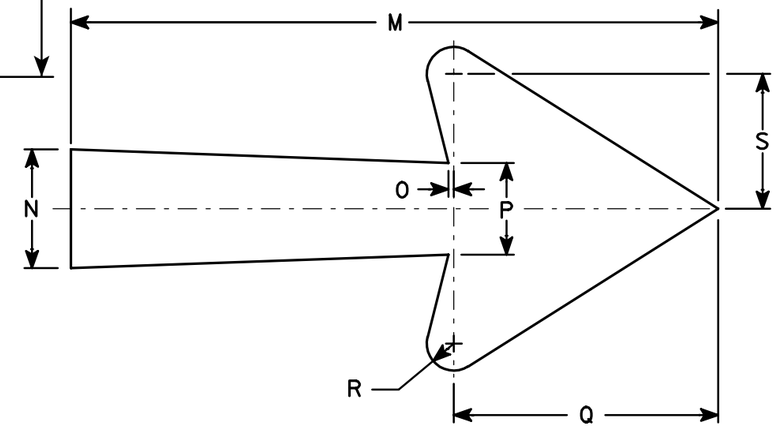
PROJECT NO: | SHEET NO: 232 | E



D5-64R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Brown
   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.
5. D5-64L is the same as D5-64R except the arrow is reversed.



Arrow Detail

Metric equivalent for this sign is:

SIZE	
1	
2	1500 mm X 900 mm
3	
4	
5	

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																												
2	60	36	2 1/4		3/4	6	5 1/2	4 1/4	7	7 1/4	25	17	15	2 3/4	1/8	2 1/8	6 1/8	5/8	3 1/8								15.0	1.35
3																												
4																												
5																												

STANDARD SIGN
D5-64

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Spay
for State Traffic Engineer

DATE 1/09/02 PLATE NO. D5-64.5

STATE PROJECT NUMBER:

SHEET NO: 233 E

LEVELS ON - 2.3. 5.6. 10.

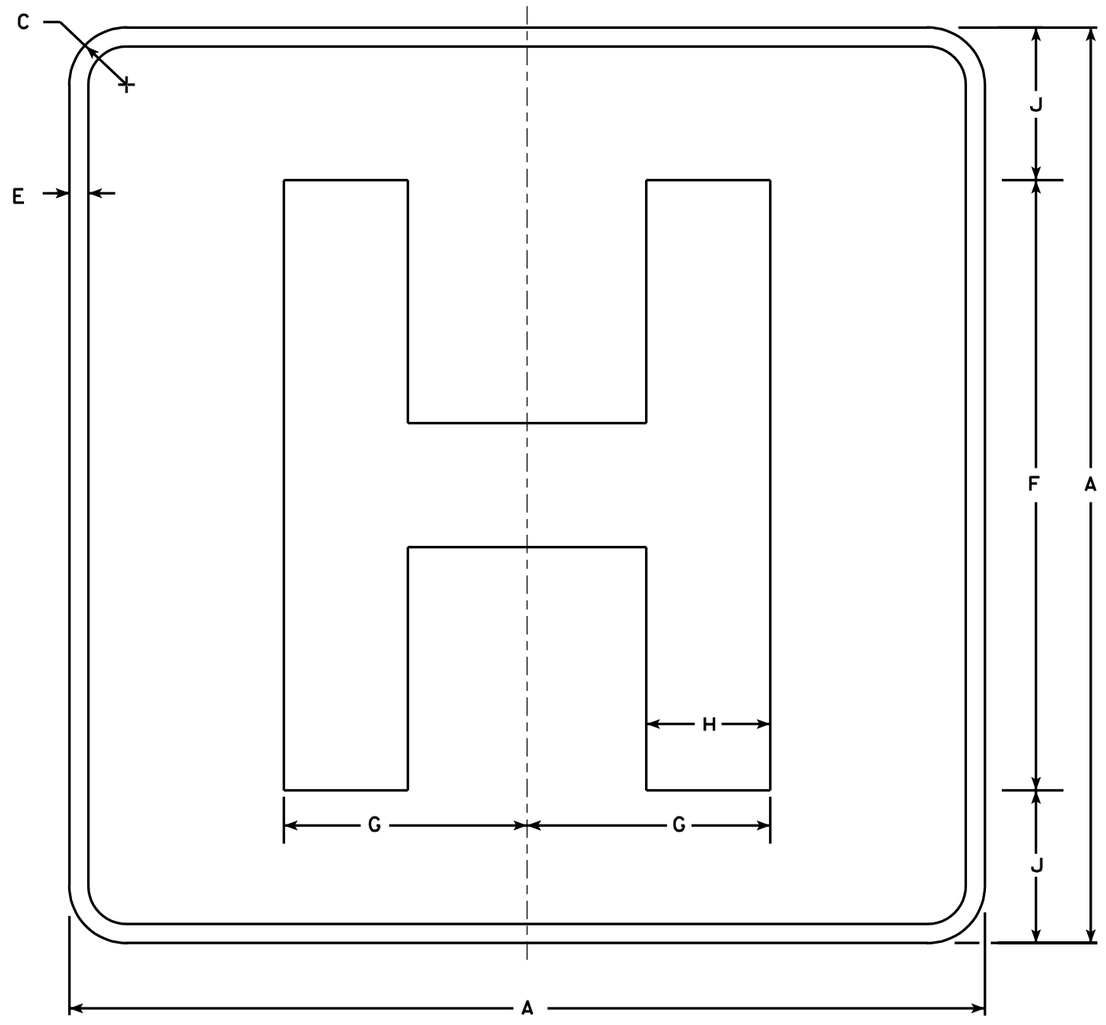
58.59.60.61.62.63

FILE NAME : C:\Users\Projects\tr_stdplate\D564.DGN PLOT DATE : 09-JAN-2002 11:10 ORG DATE : 7/17/97 Originator : Don Kluever

WISDOT/CADDS SHEET 42

7

7



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

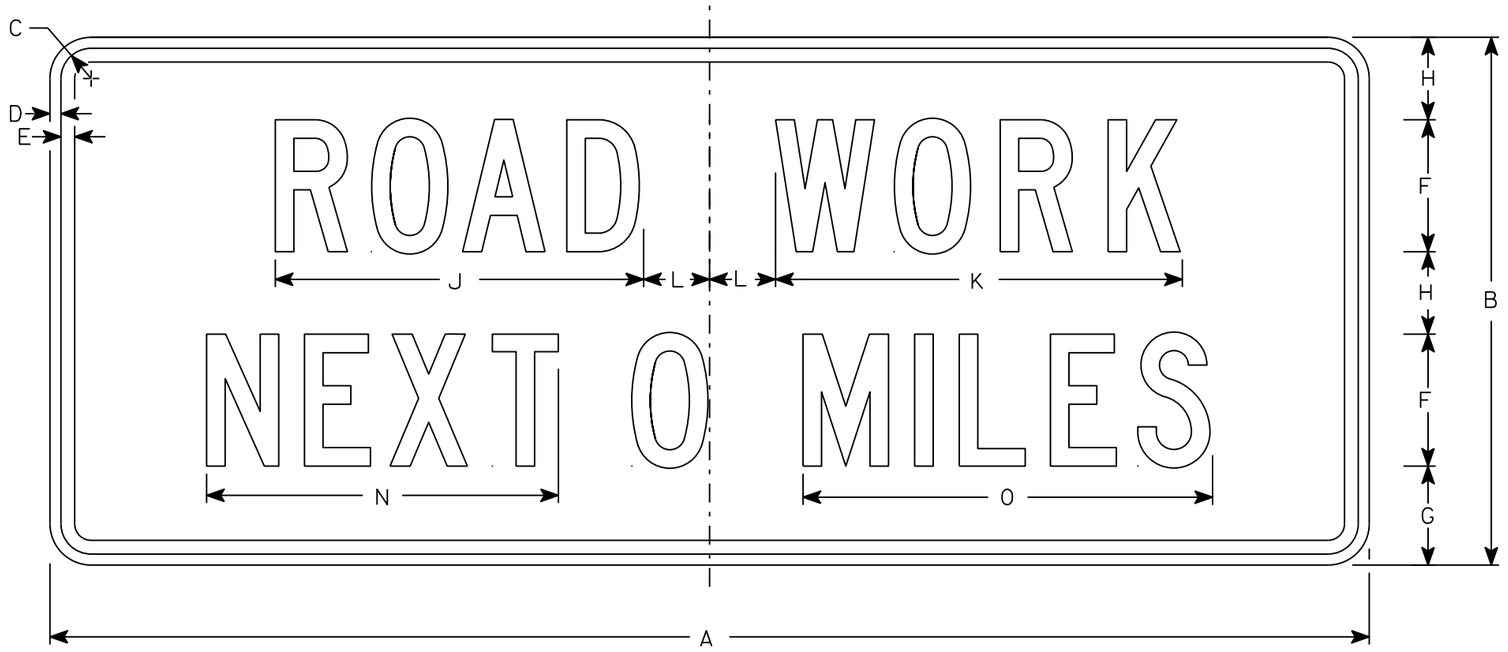
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong
for State Traffic Engineer

DATE 1/15/02 PLATE NO. D9-2.4

PROJECT NO:

SHEET NO: 234 E



G20-1

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.
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																											
2	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10
3																											
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10
5																											

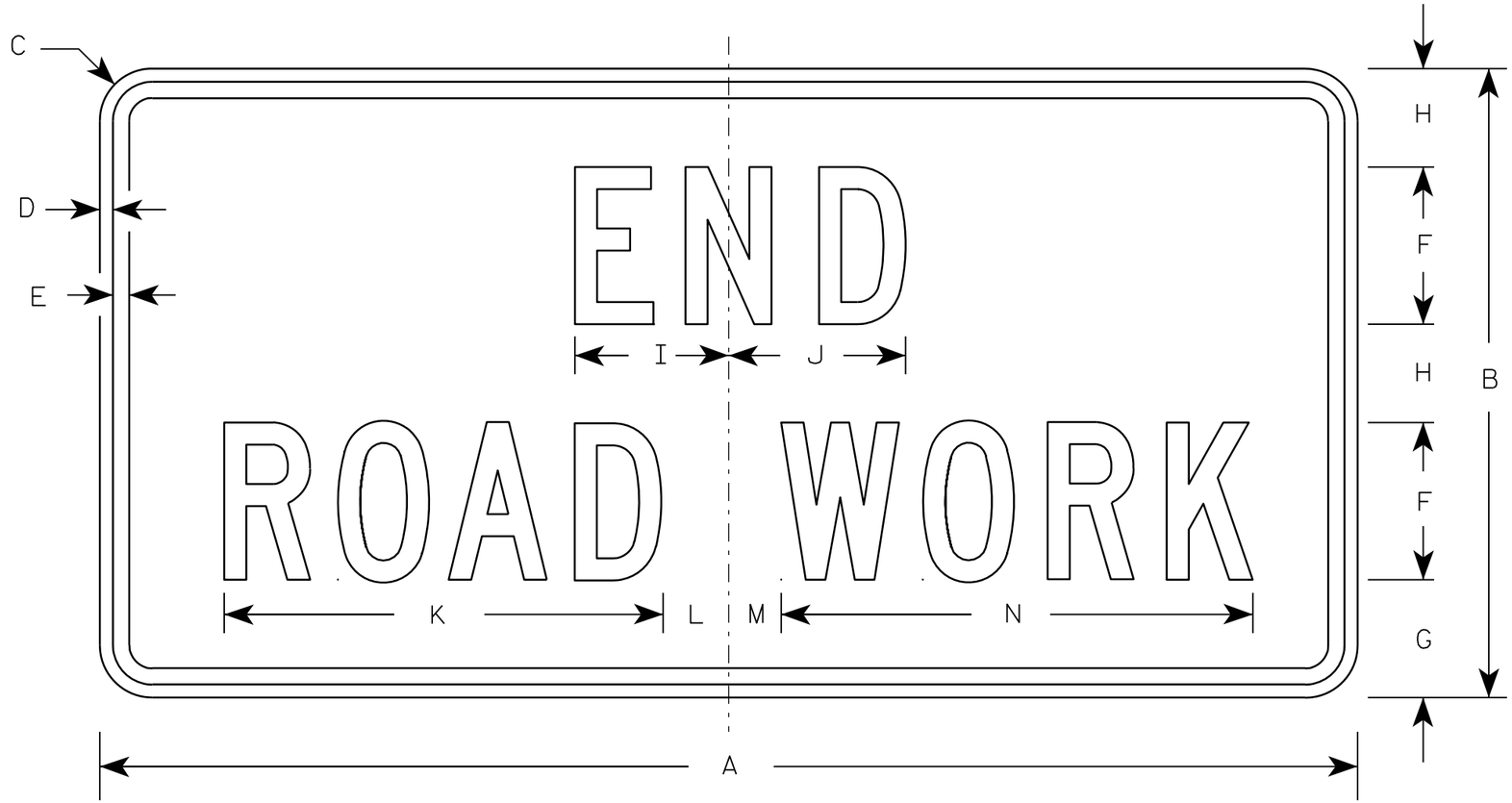
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/14/17 PLATE NO. G20-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 235 | E



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

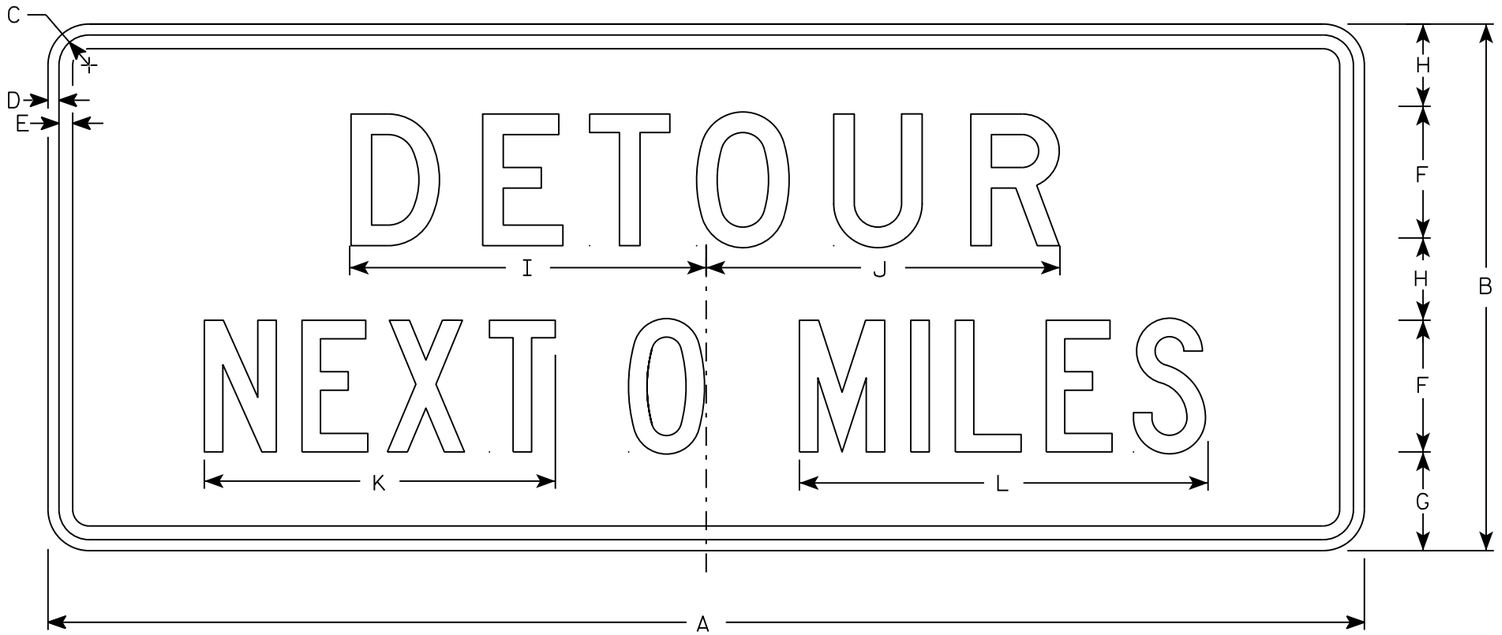
STANDARD SIGN
G20-2A

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: 236	E



G20-51

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - Line 1 is D and Line 2 is 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. 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																											
2	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10
3																											
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10
5																											

STANDARD SIGN
G20-51

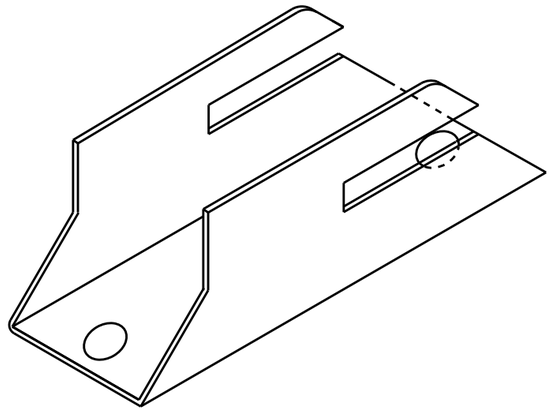
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/14/17 PLATE NO. G20-51.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 237	E

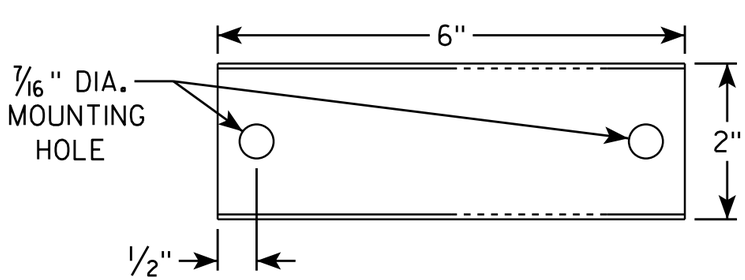
ISOMETRIC VIEW



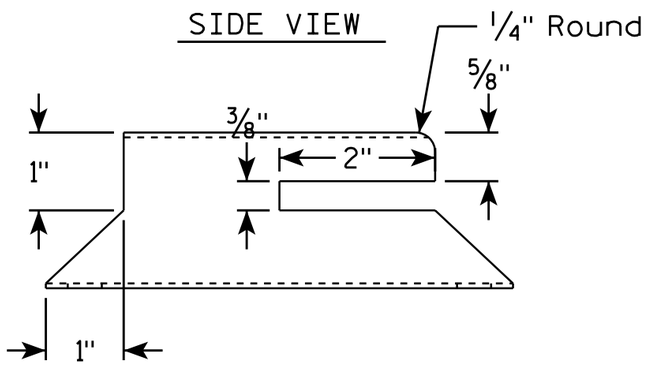
NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

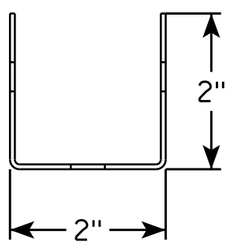
TOP VIEW



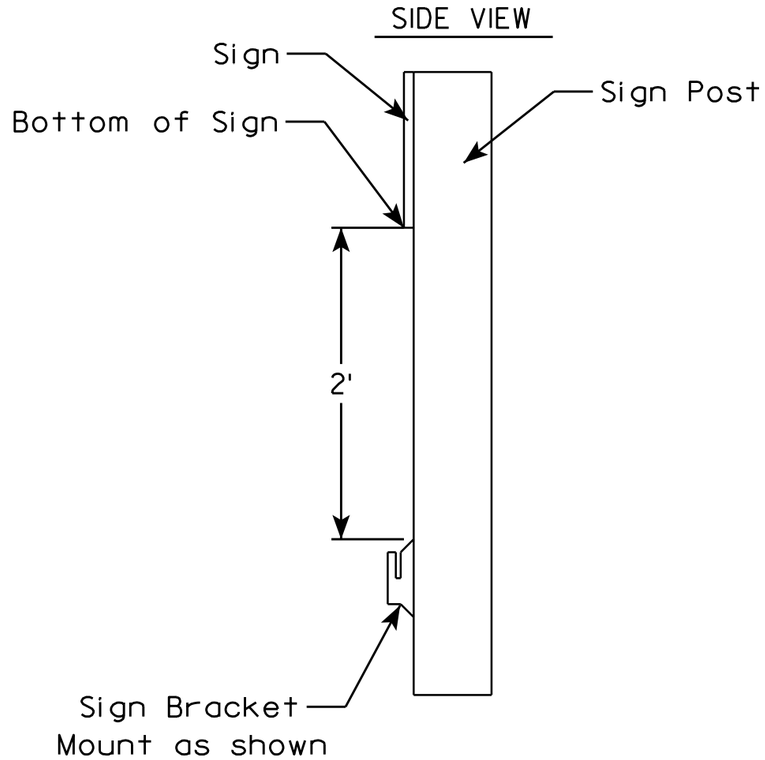
SIDE VIEW



END VIEW



SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

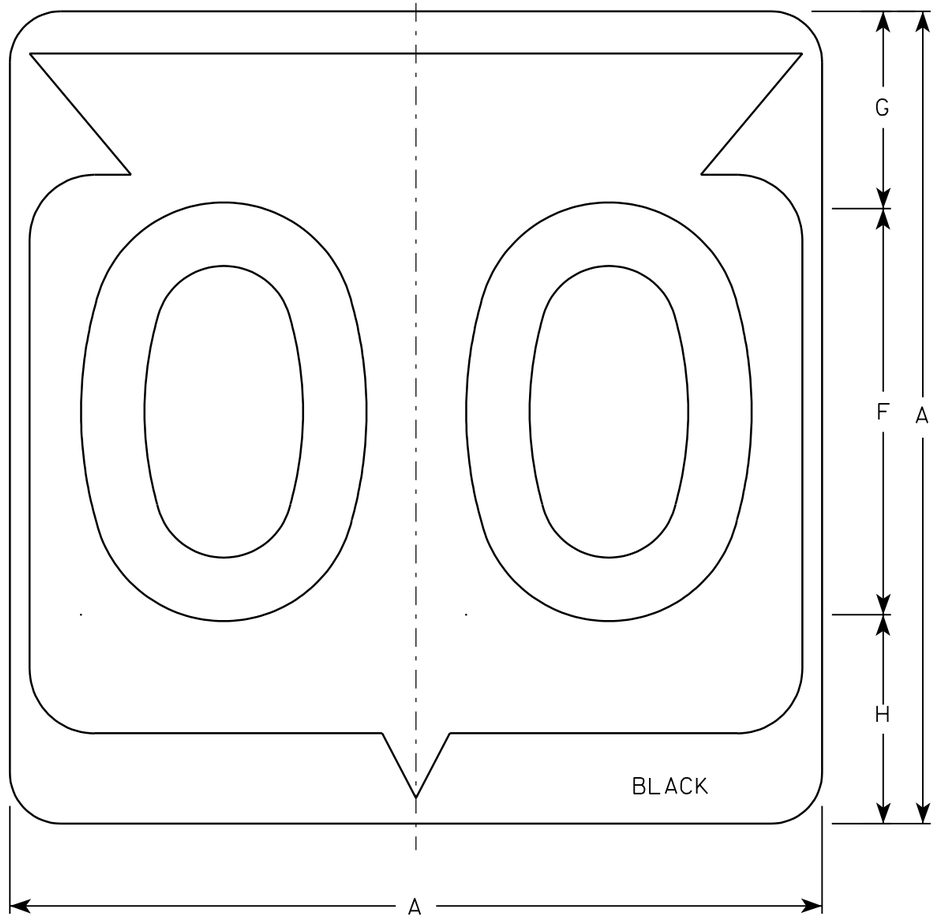
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

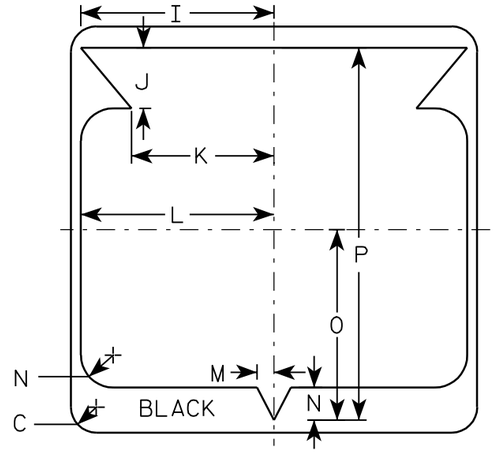
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000
WISDOT/CADDS SHEET 42



M1-6

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 6
   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. Substitute appropriate Series numerals and adjust spacing as per plate A10-1.
6. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective



Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 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																												
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	.36
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	.81
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	.81
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	.81

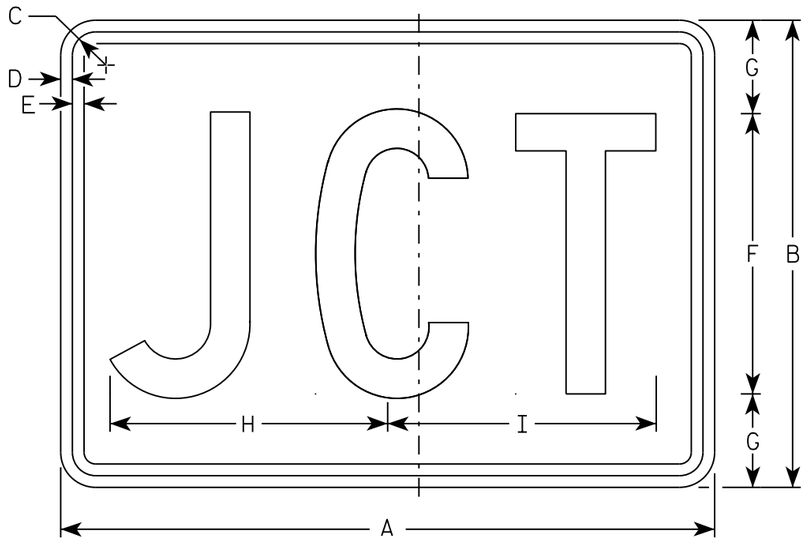
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

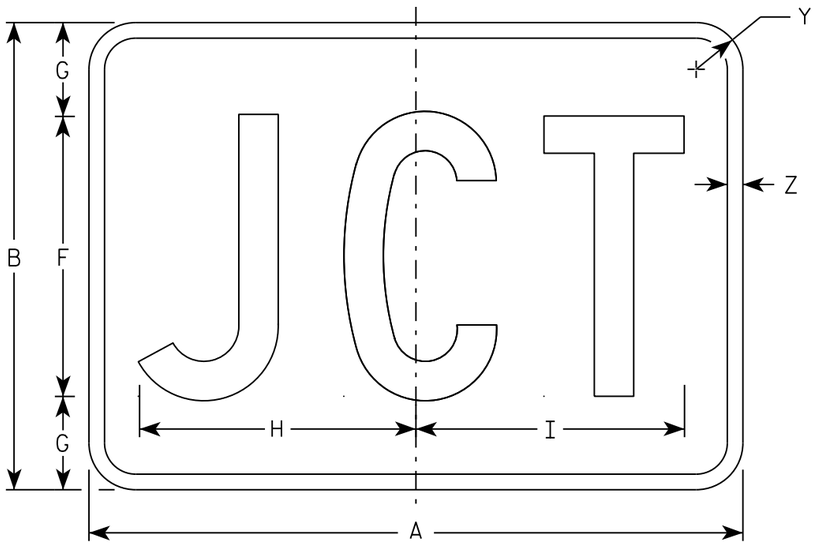
APPROVED Chester J Spang for State Traffic Engineer

DATE 3/20/02 PLATE NO. M1-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 239	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

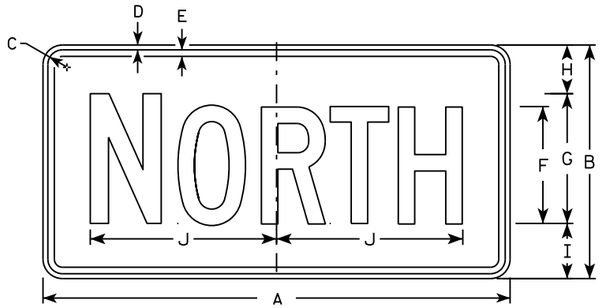
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

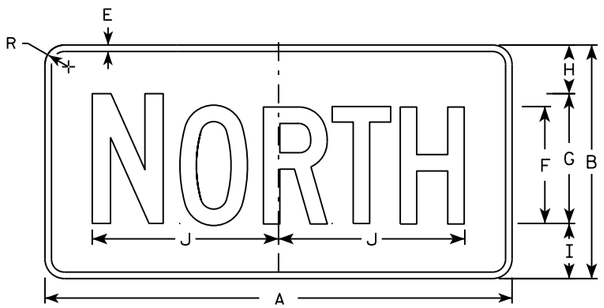
DATE 10/15/15 PLATE 240 12-1.12

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



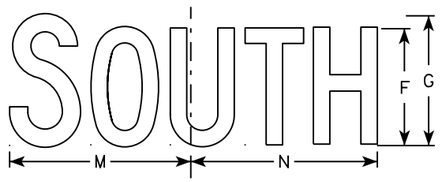
MB3-1
MK3-1
MN3-1



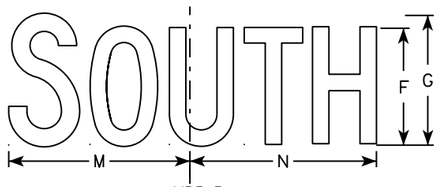
M3-2
MM3-2
MP3-2



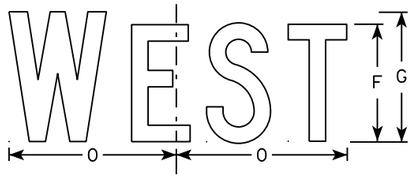
MB3-2
MK3-2
MN3-2



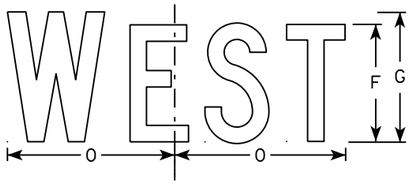
M3-3
MM3-3
MP3-3



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

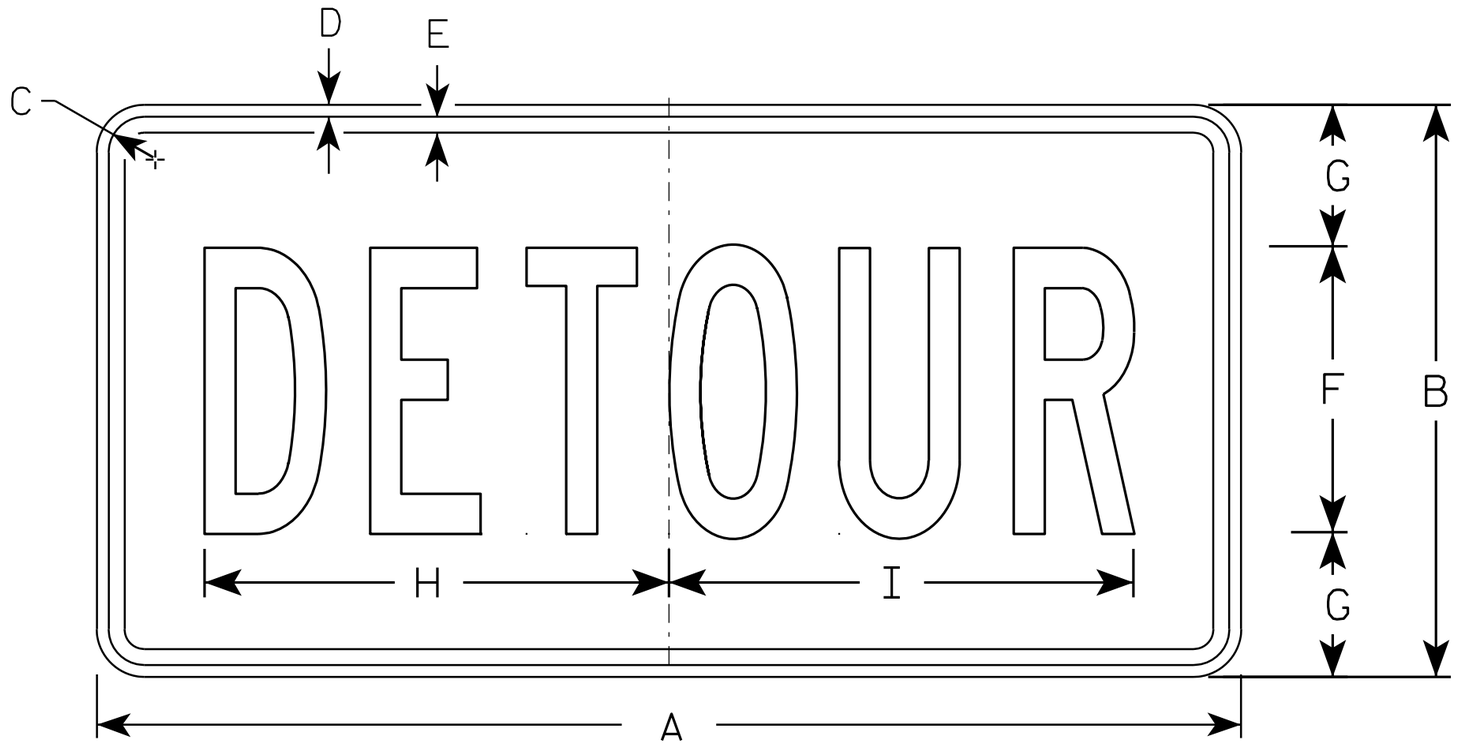
WISCONSIN DEPT OF TRANSPORTATION

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



M4-8

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																											

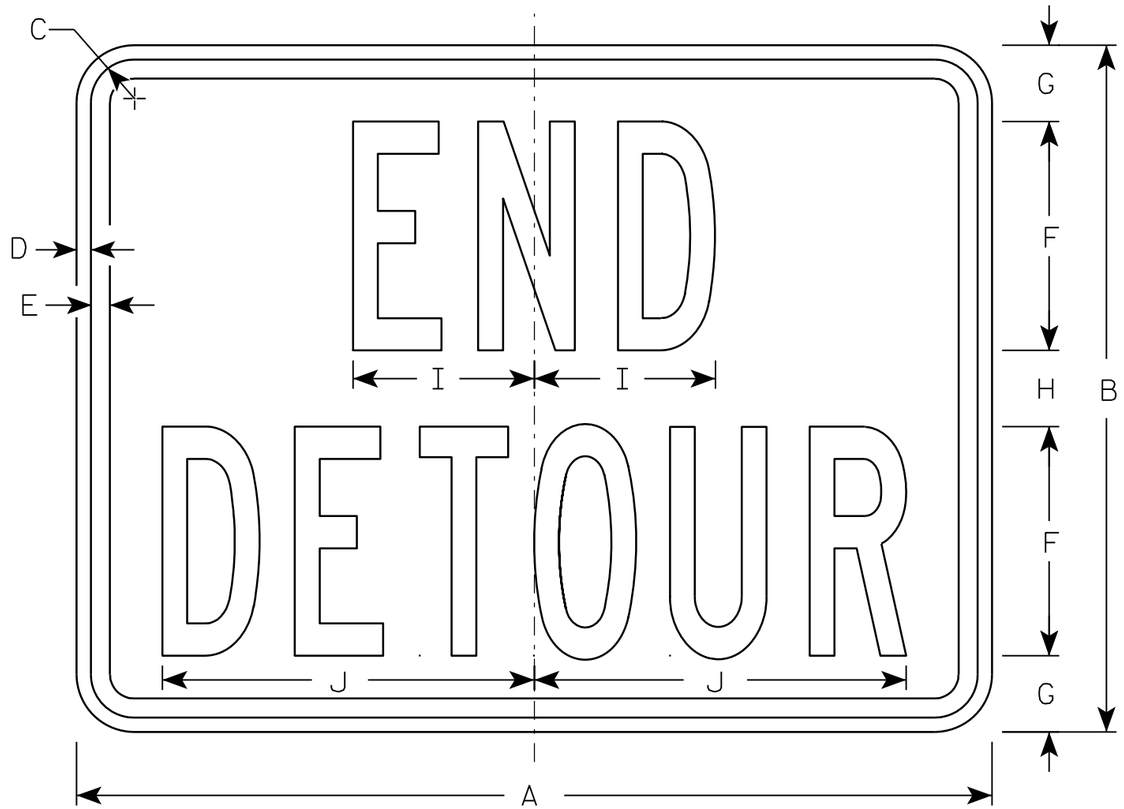
STANDARD SIGN
M4-8

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: 242	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																											

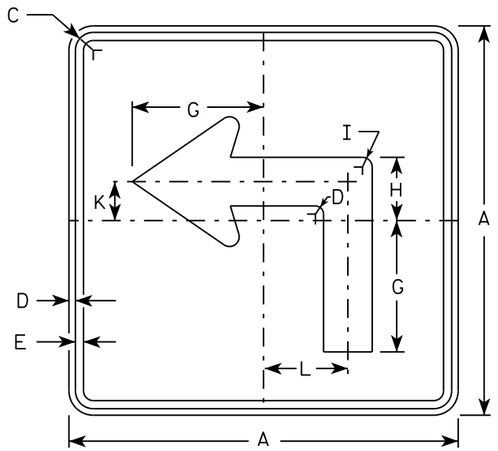
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

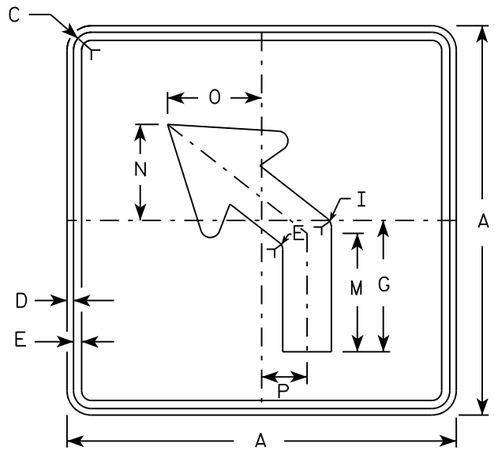
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-8A.2

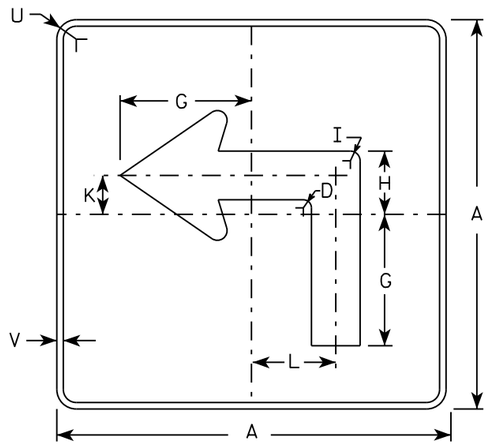
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 243	E



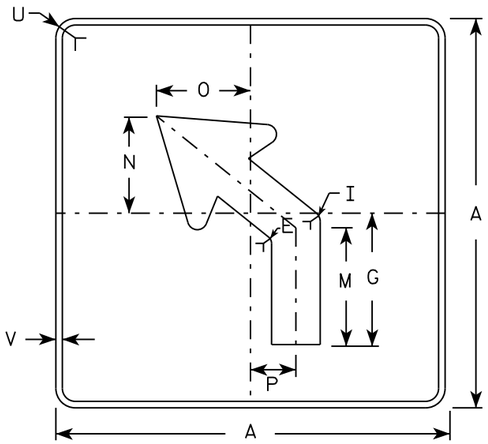
M5-1L
MM5-1L
MO5-1L
MP5-1L



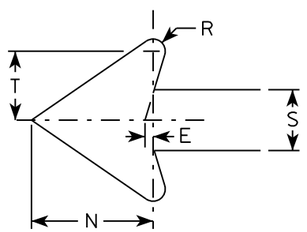
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective 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. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

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	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

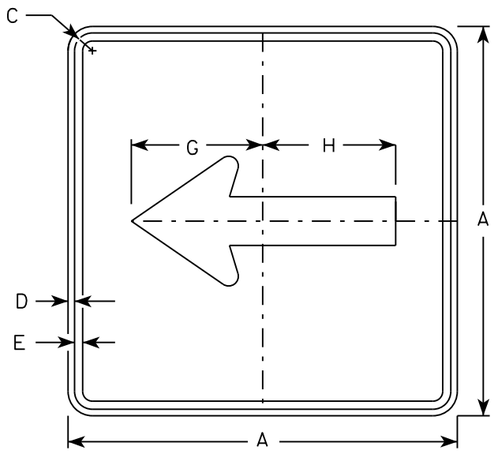
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

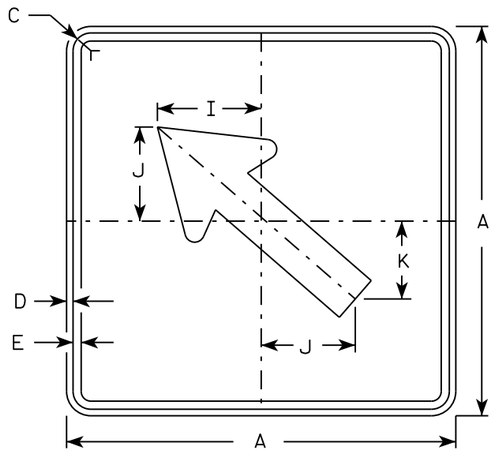
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



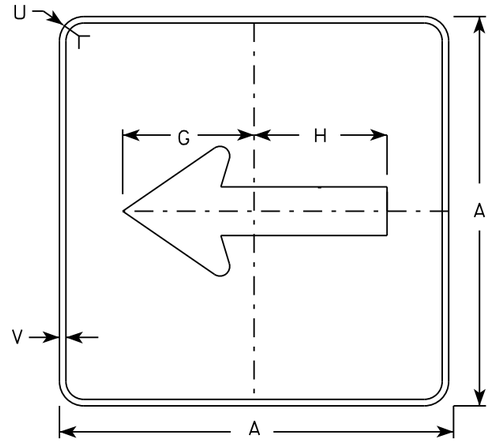
M6-1
MM6-1
MO6-1
MP6-1



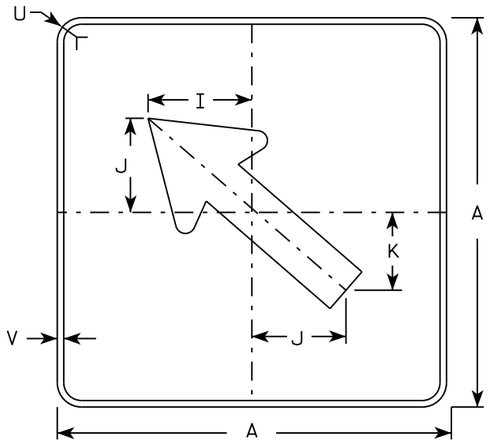
M6-2
MM6-2
MO6-2
MP6-2

NOTES

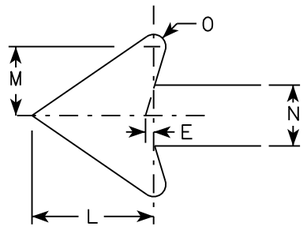
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - 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

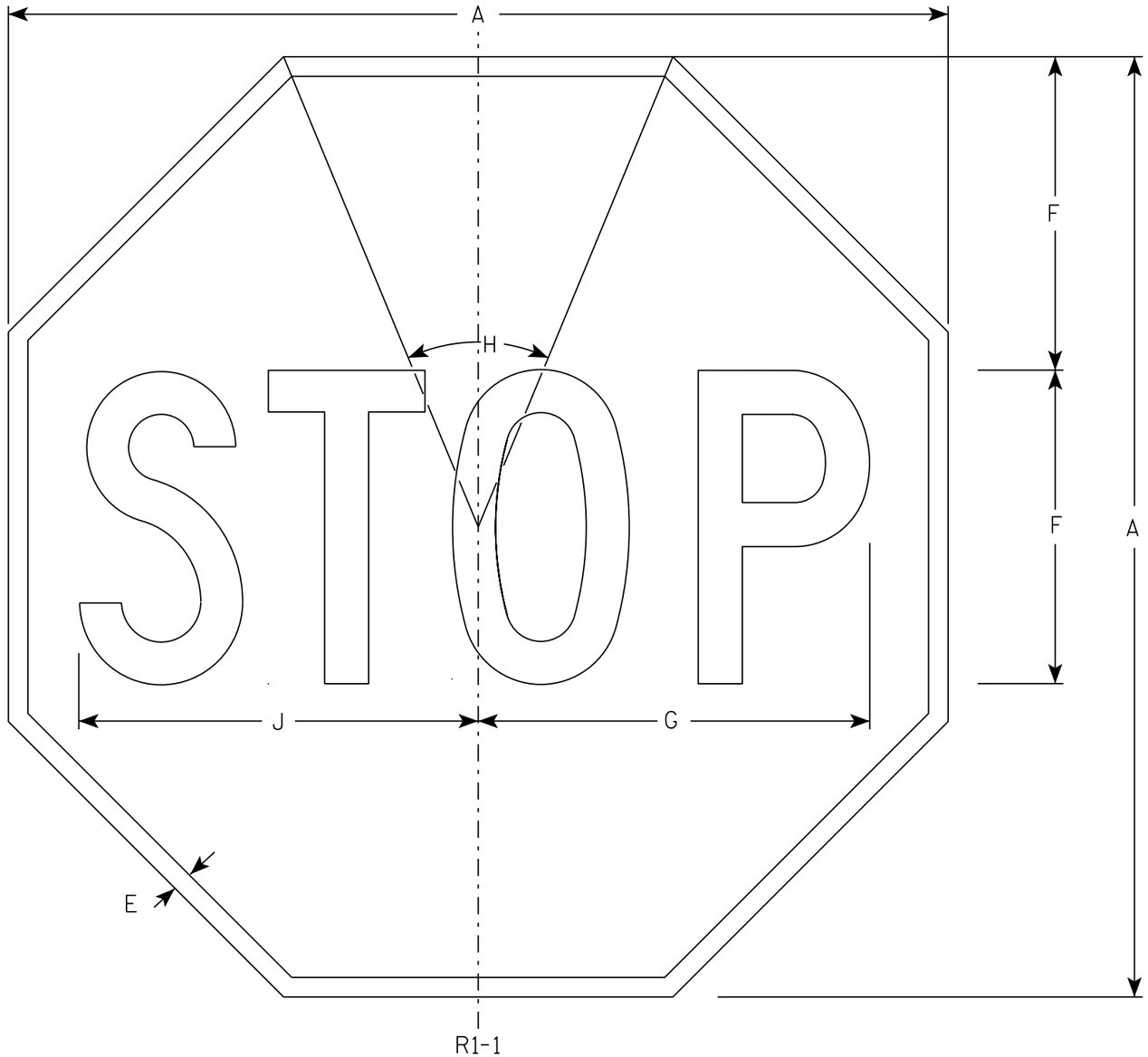
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 245 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



R1-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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

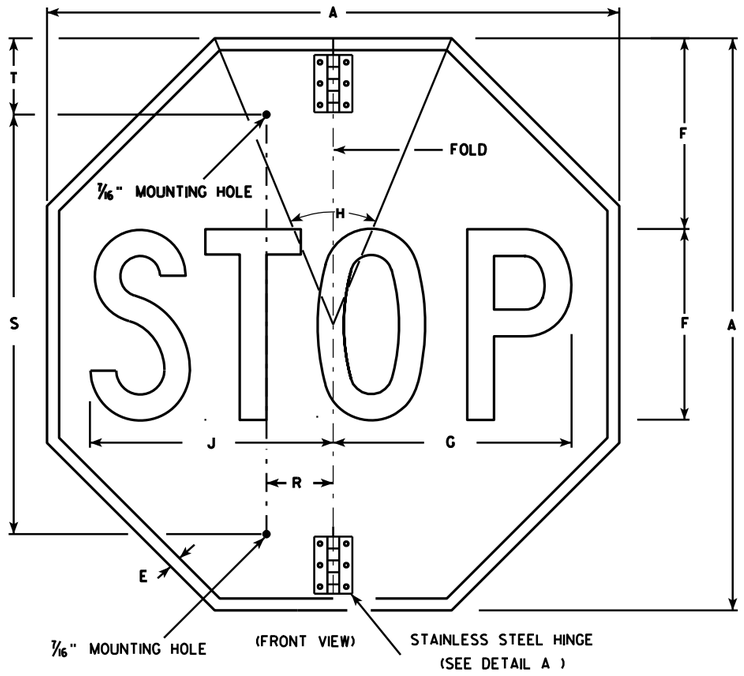
WISCONSIN DEPT OF TRANSPORTATION

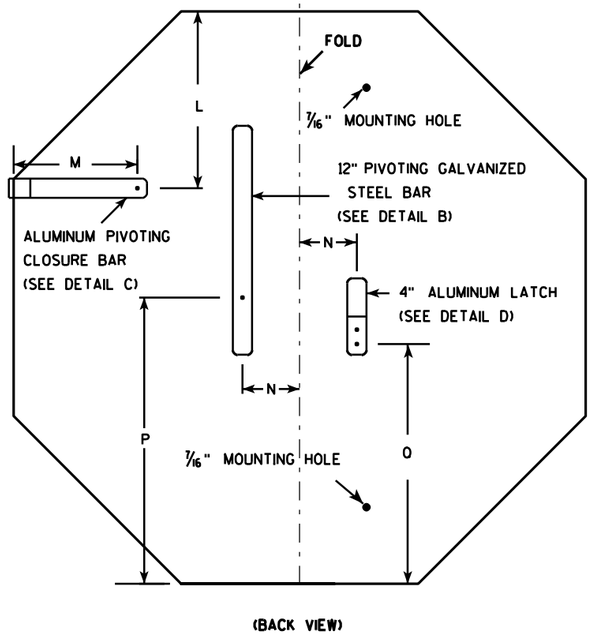
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

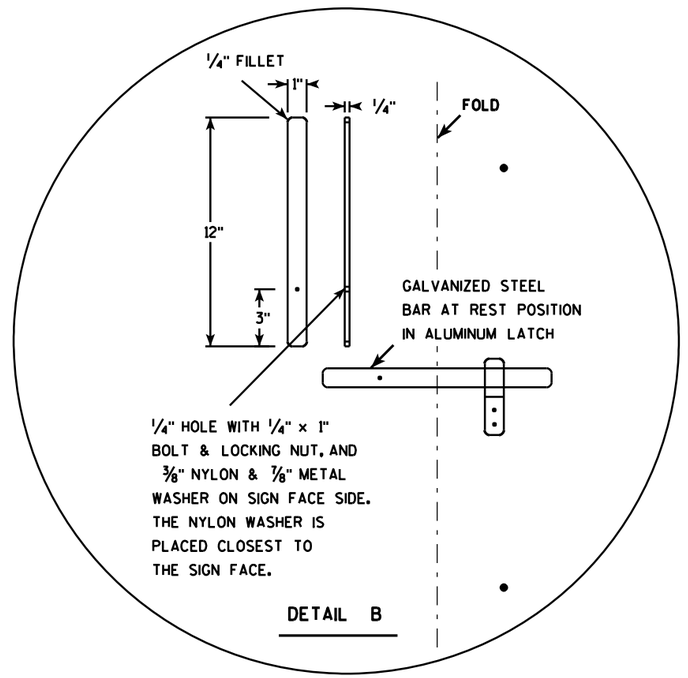
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R11.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.378143:1.000000

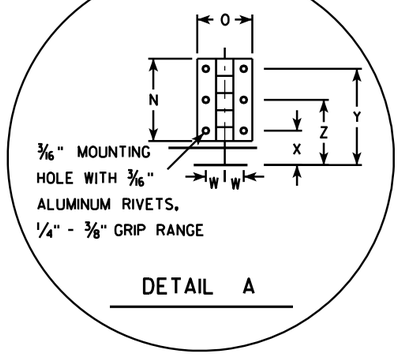


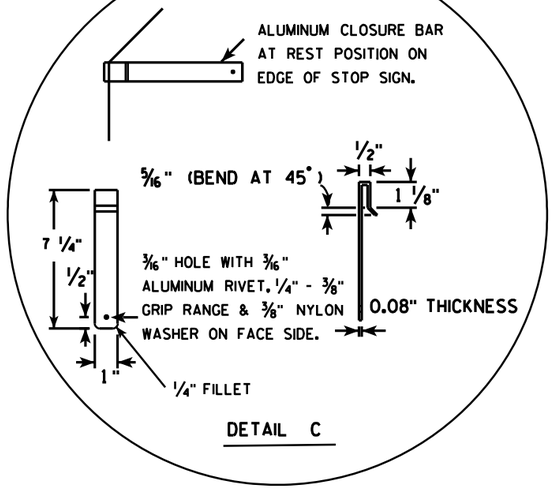


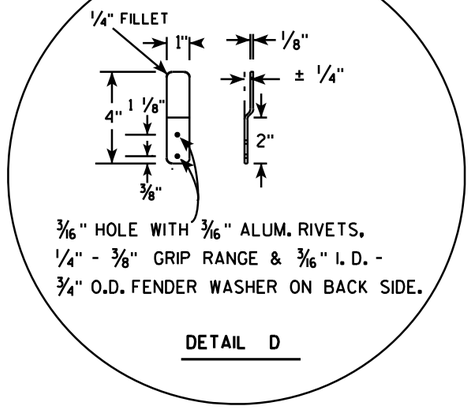
NOTES

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
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.









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																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

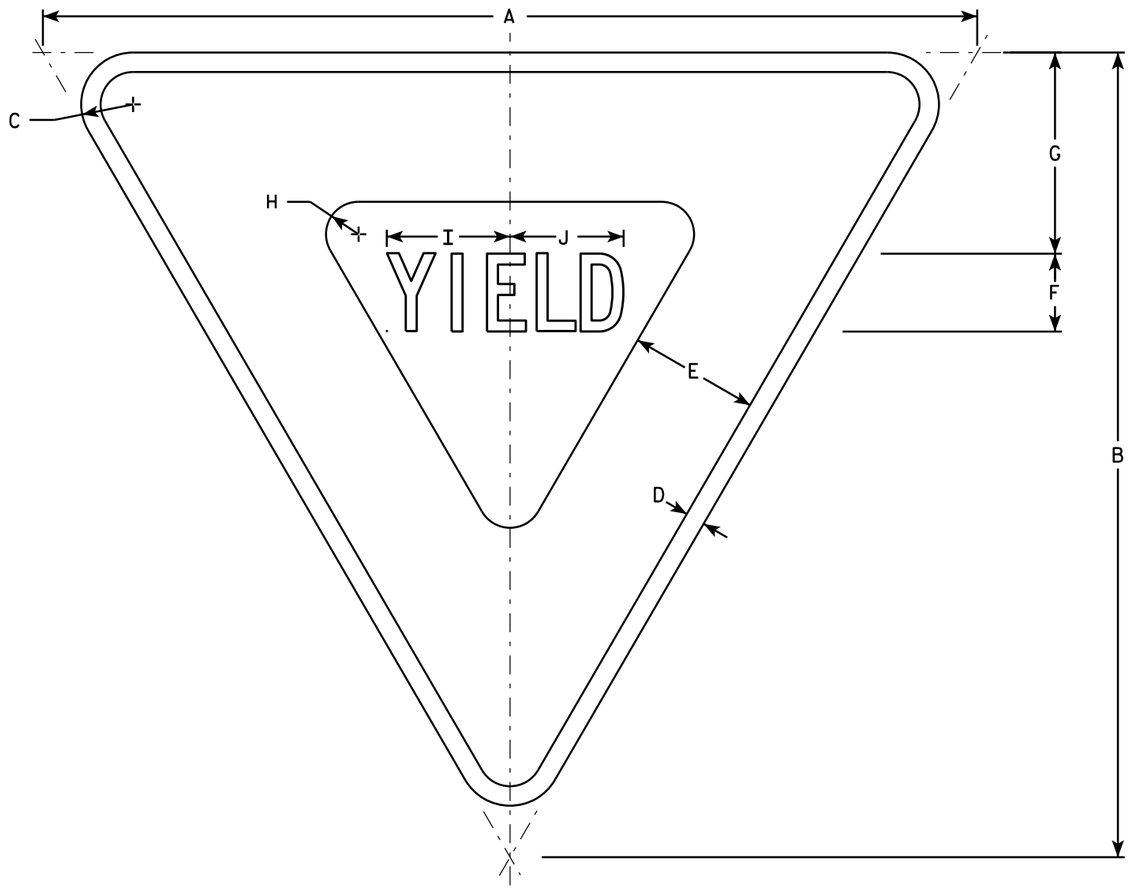
STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 247 | 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

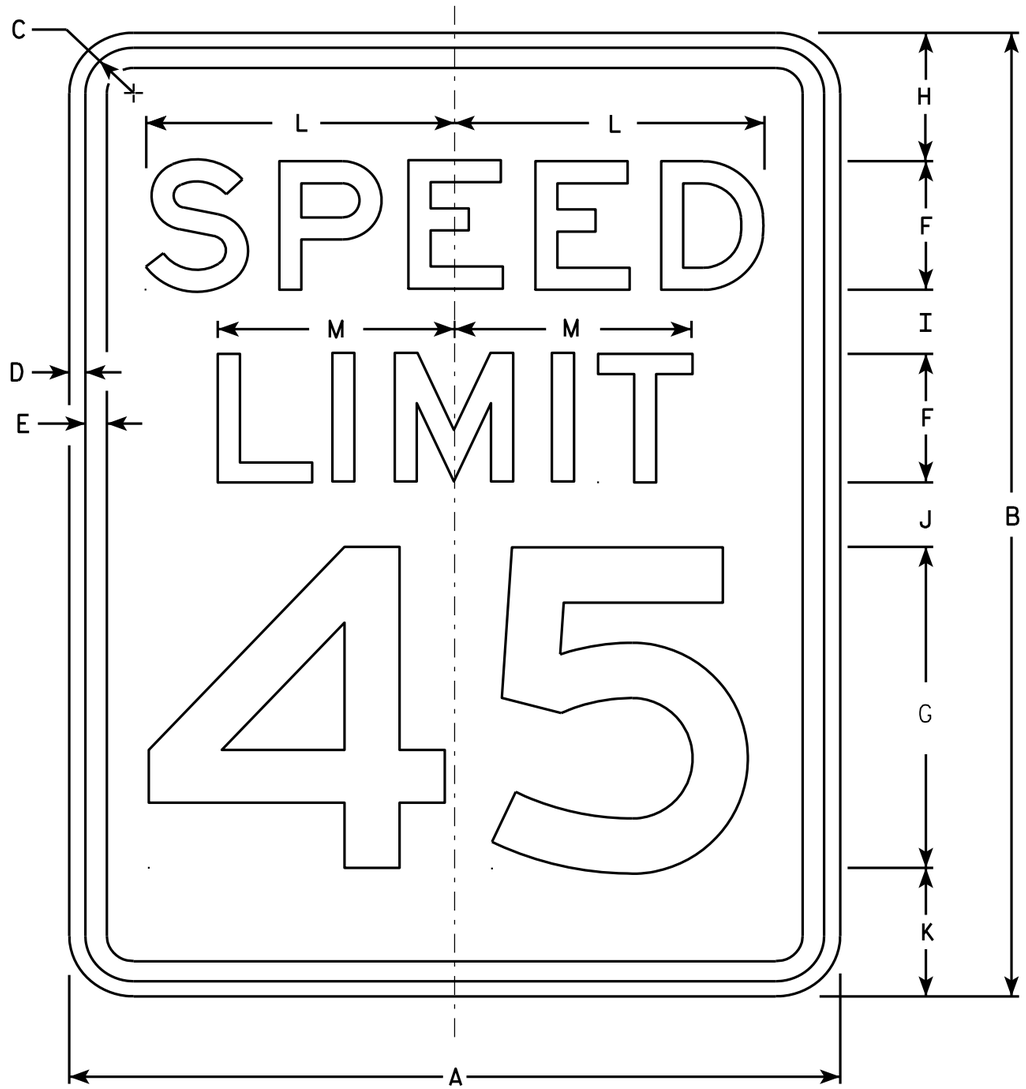
WISCONSIN DEPT OF TRANSPORTATION

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

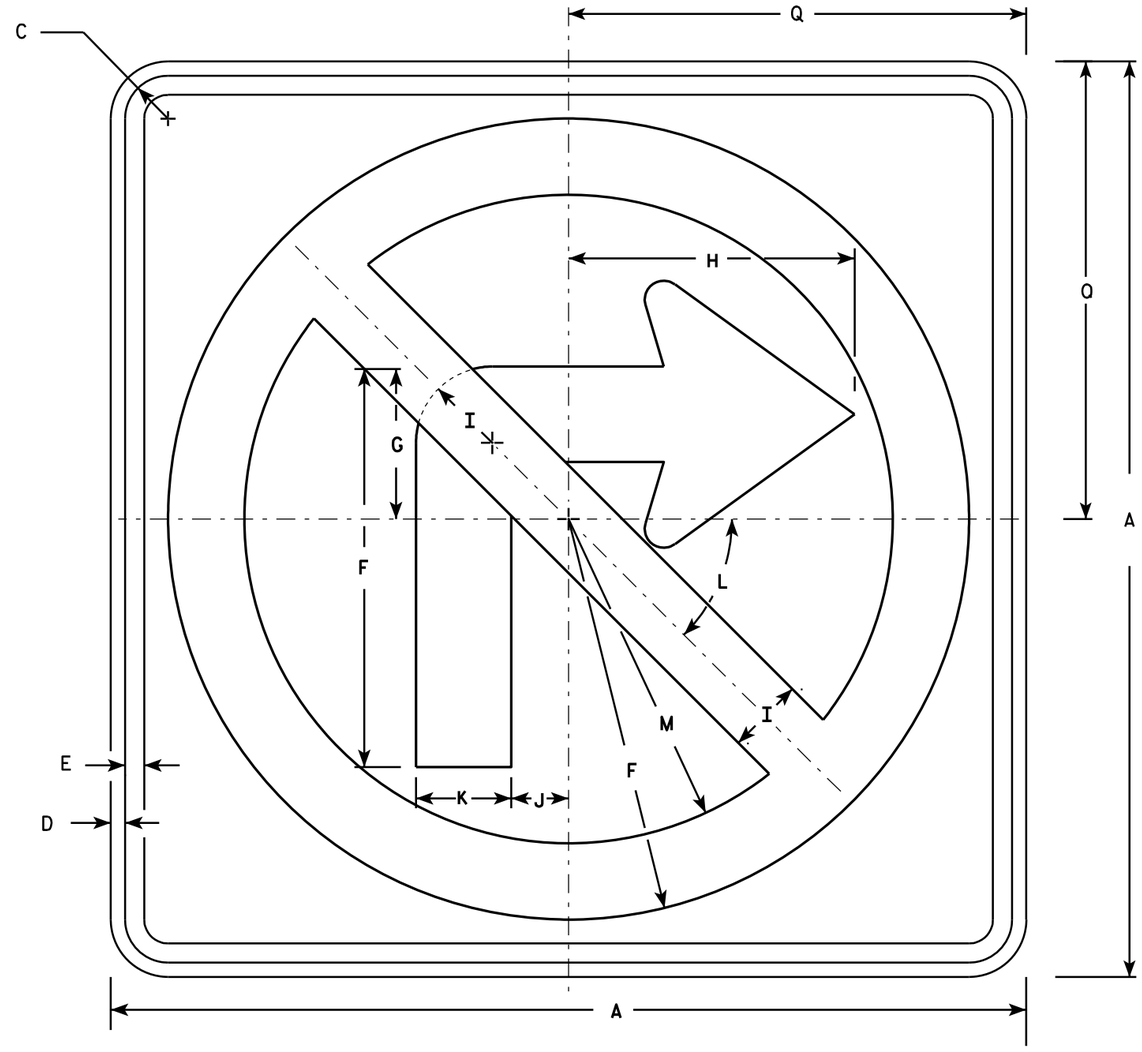
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 249 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN PLOT DATE : 28-MAY-2010 08:32 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 4.717577:1.000000

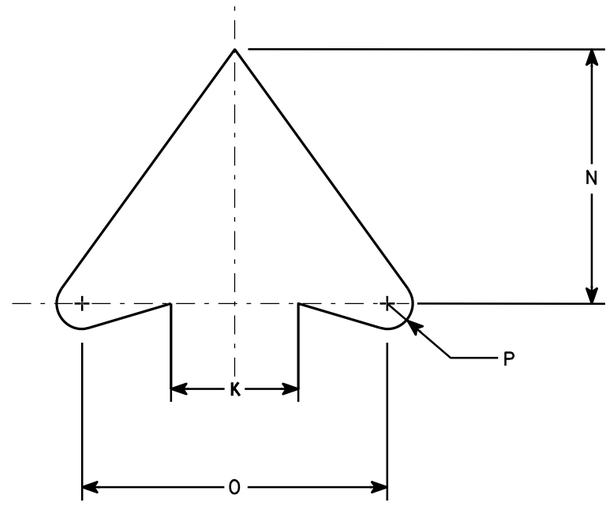
WISDOT/CADDS SHEET 42



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

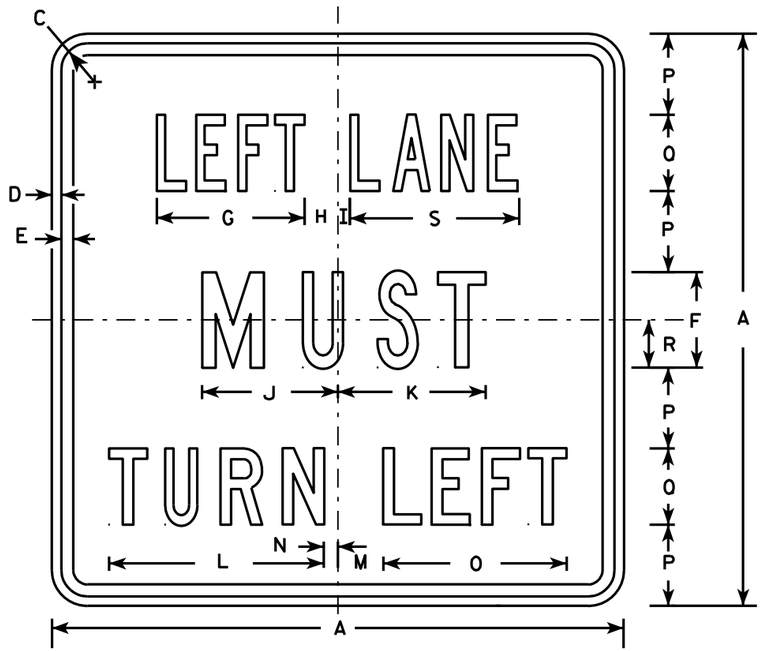
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

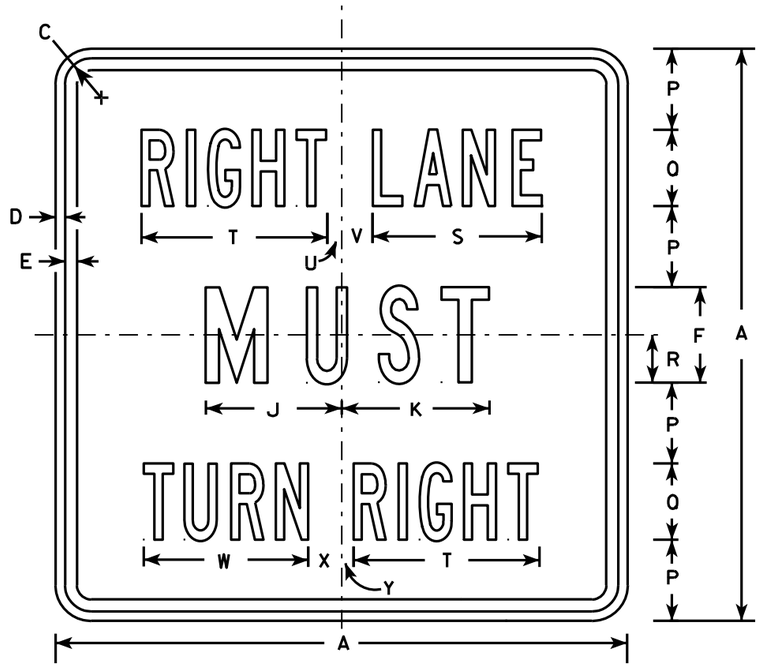
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-1.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 250	E



R3-7L



R3-7R

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 - Line 1 is Series B.
   Line 2 is Series C.
   Line 3 on plate R3-7R is Series B and Series C on plate R3-7L.
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		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2S	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2M	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
3	36		1 5/8	5/8	3/4	6	9 5/8	2	1 1/8	8 3/4	9	13 1/2	3 7/8	1 1/2	12 1/2	5	5	3	10 5/8	12	7/8	2 1/4	10 5/8	2 1/8	1		9.00
4	48		2 1/4	3/4	1	8	13 1/2	2 3/8	1 1/2	11 1/2	11 7/8	17 3/4	3 5/8	2 1/2	16 3/8	6 1/2	7	4	14 3/8	16 7/8	5/8	3 1/4	15 1/8	2 3/4	1 1/8		16.00
5																											

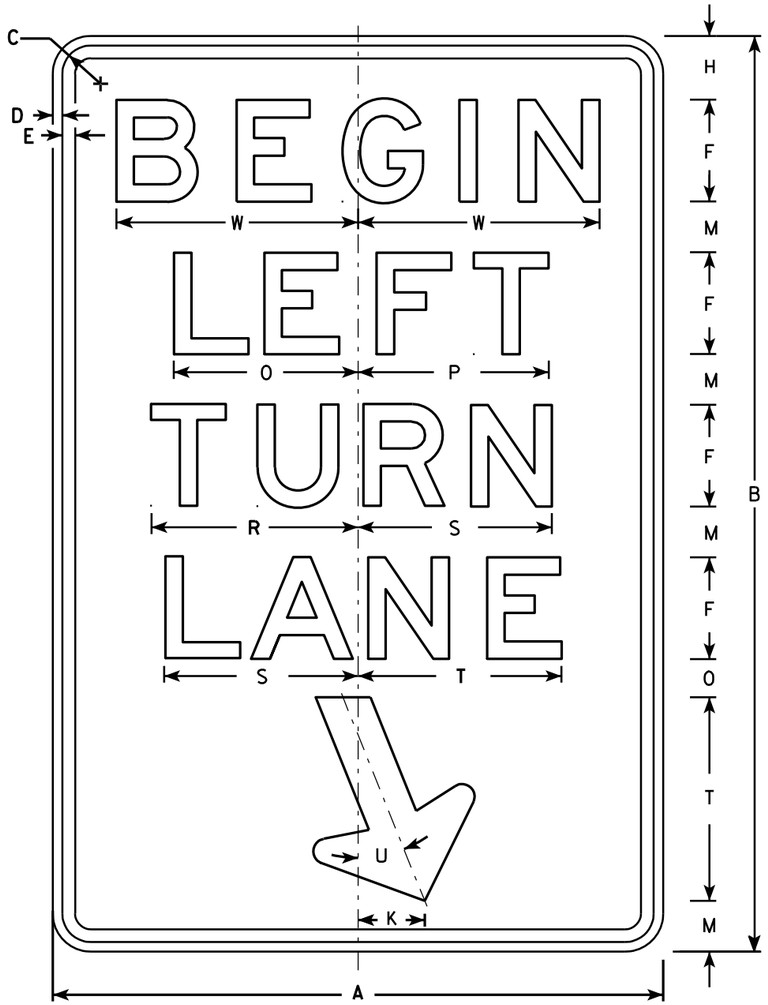
STANDARD SIGN
R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-7.3

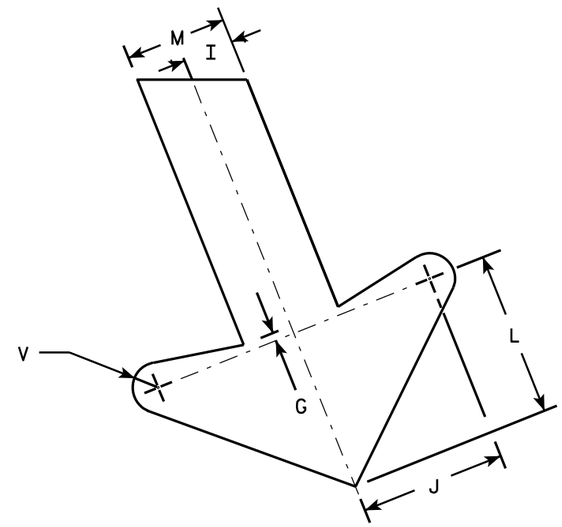
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 251 | E



R3-20L

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.



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	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

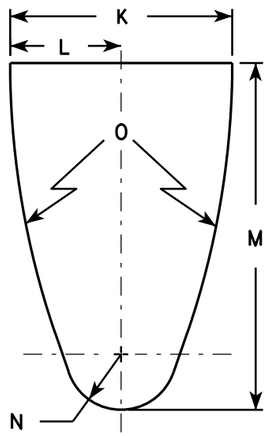
STANDARD SIGN
R3-20L

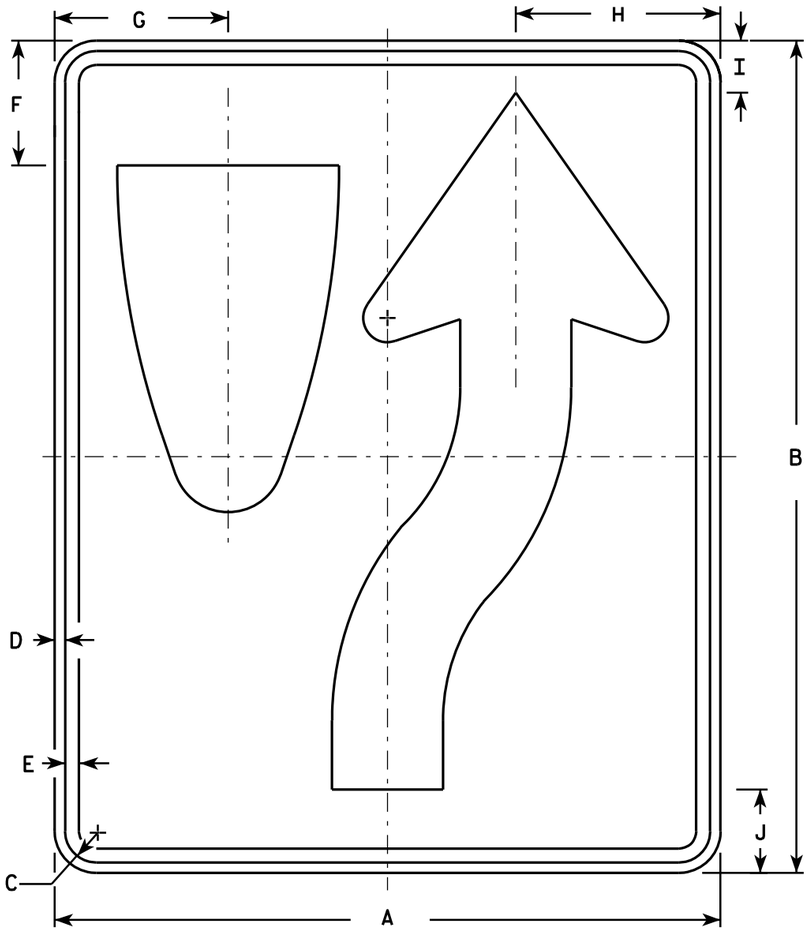
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 252 | E

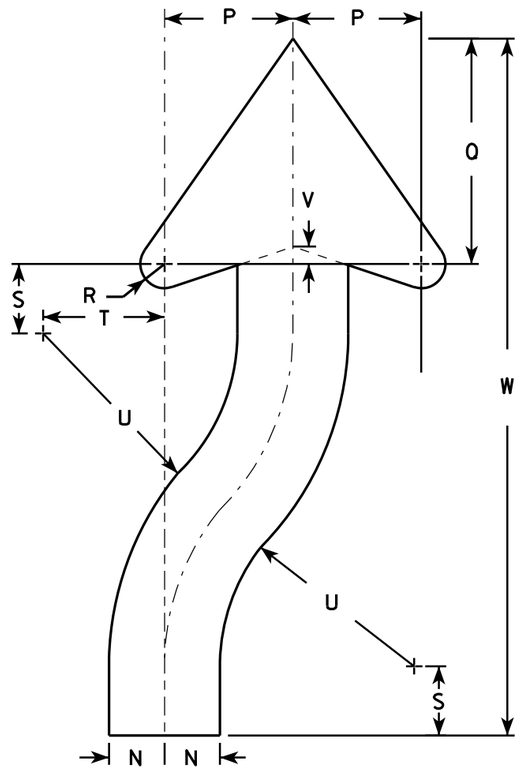




R4-7

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

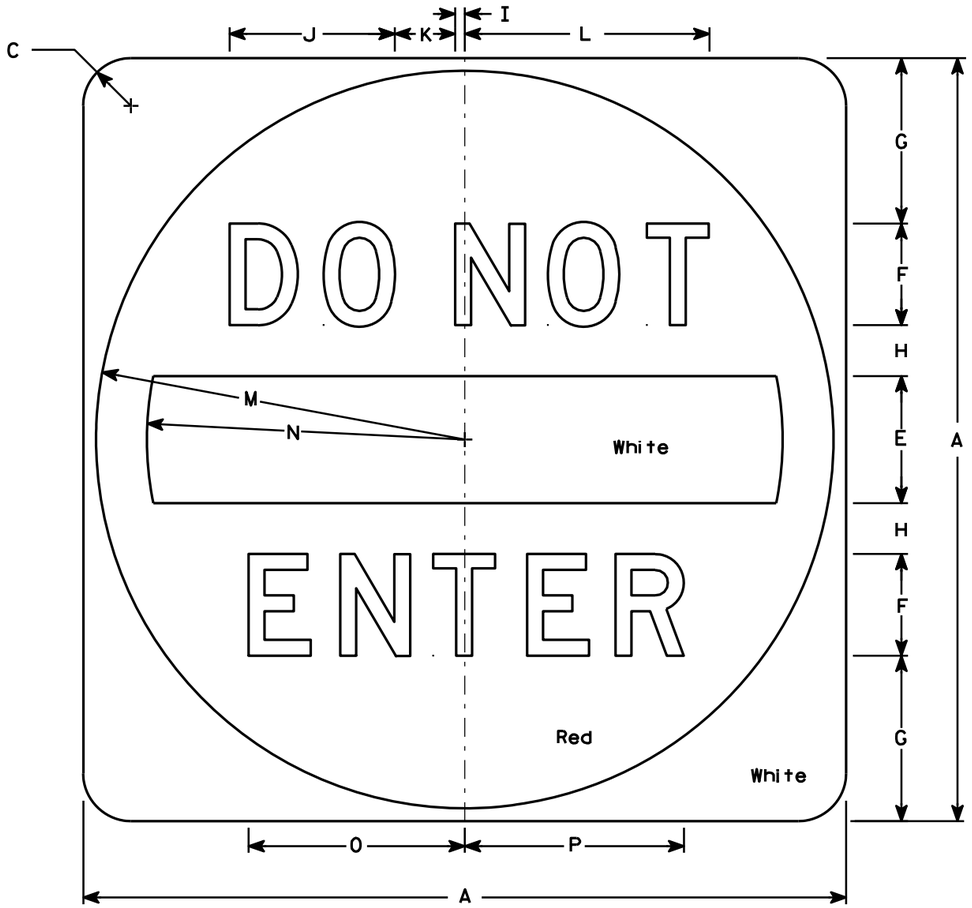
STANDARD SIGN
R4-7 & R4-8

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: 253	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See detail
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors 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	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											6.26
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

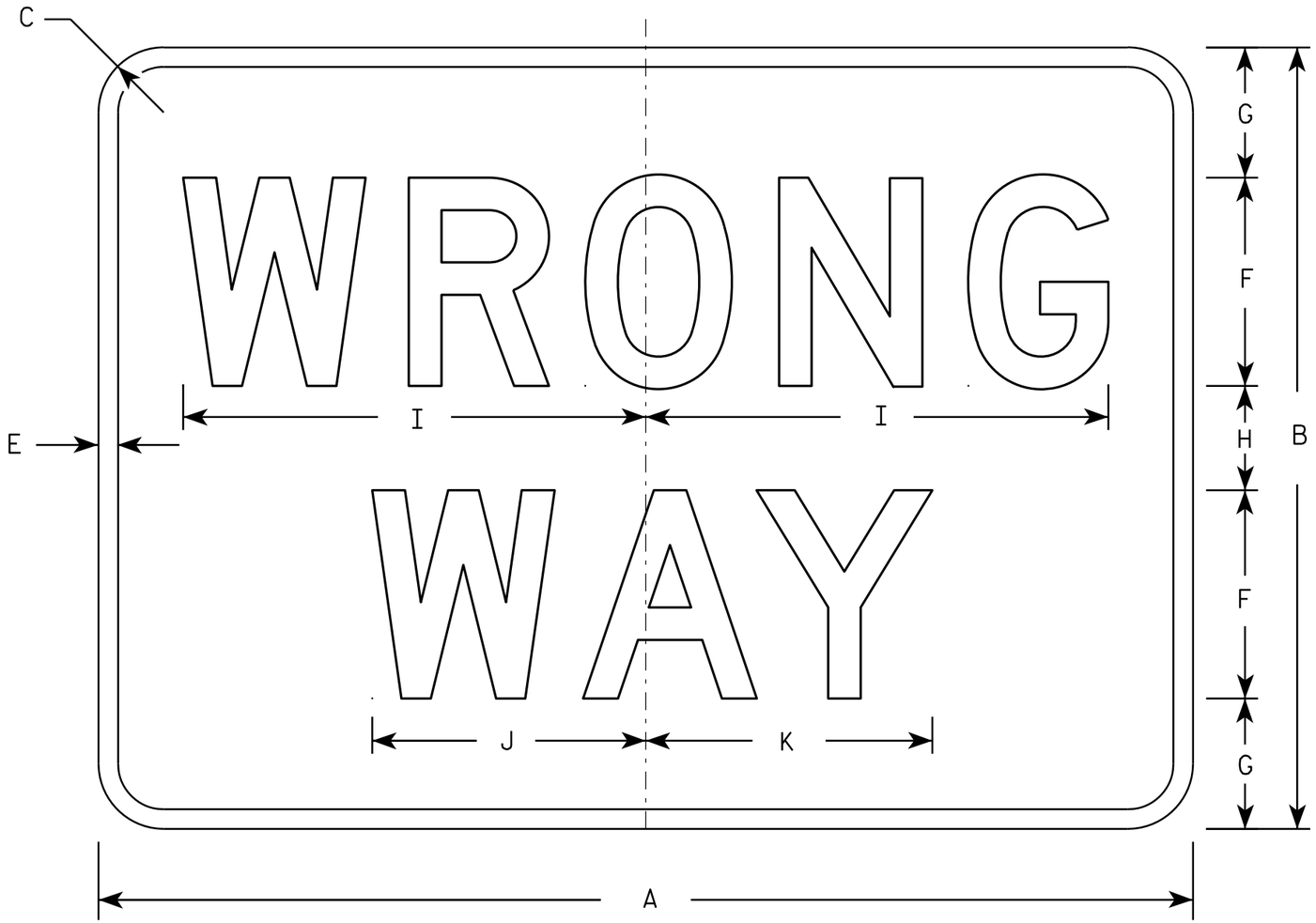
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 254 | E

7



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

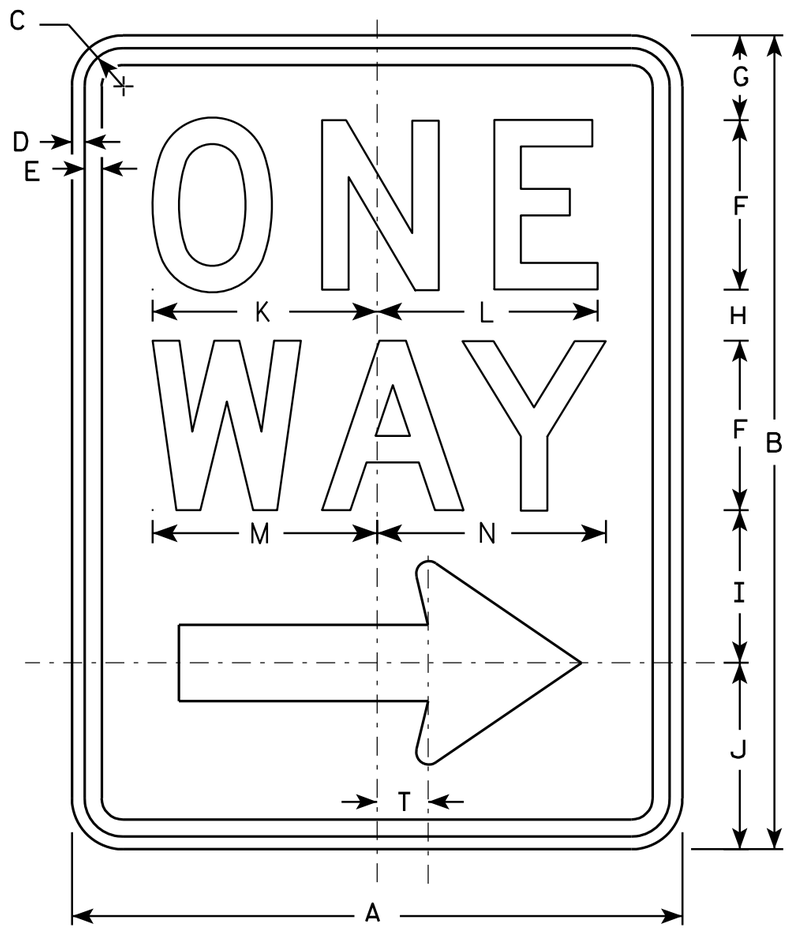
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

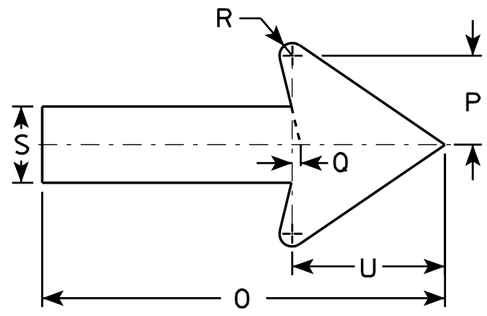
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 255 | E



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																										

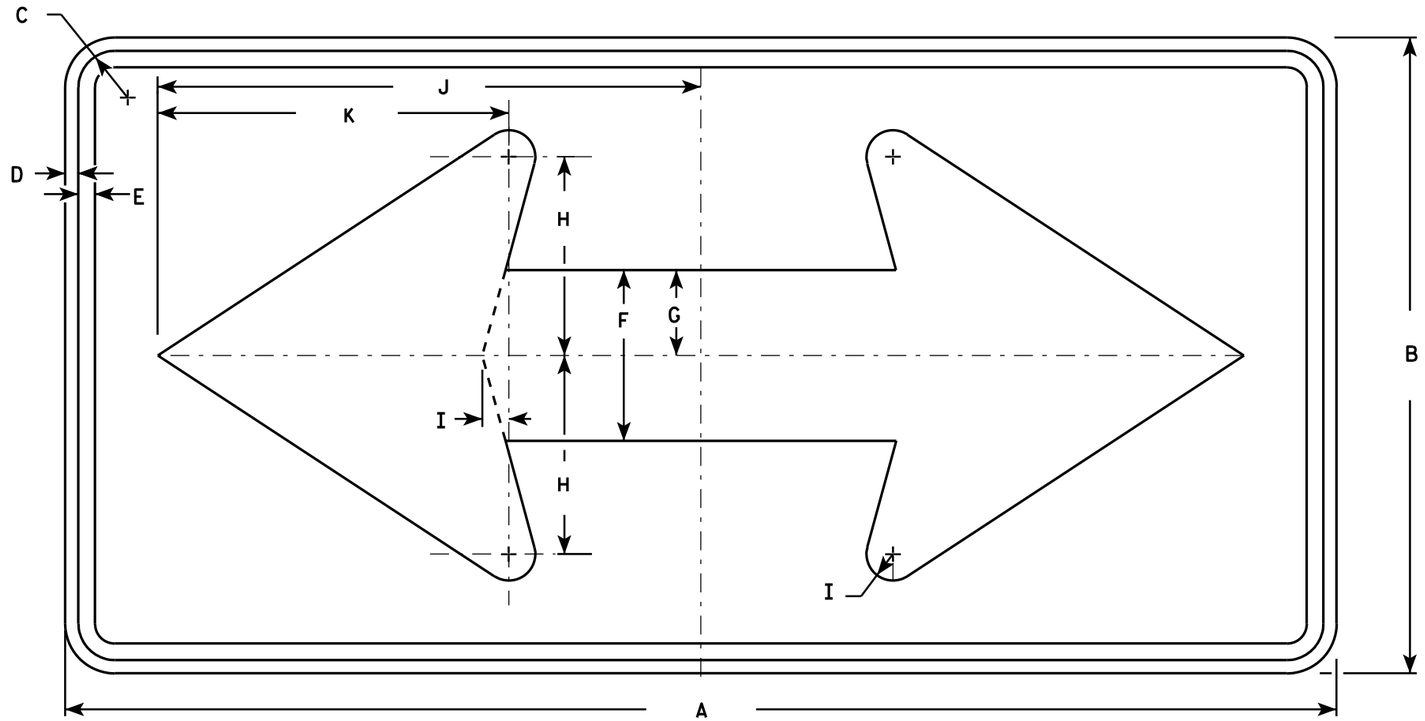
STANDARD SIGN
R6-2 R&L

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: 256	E



W1-7

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.

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 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

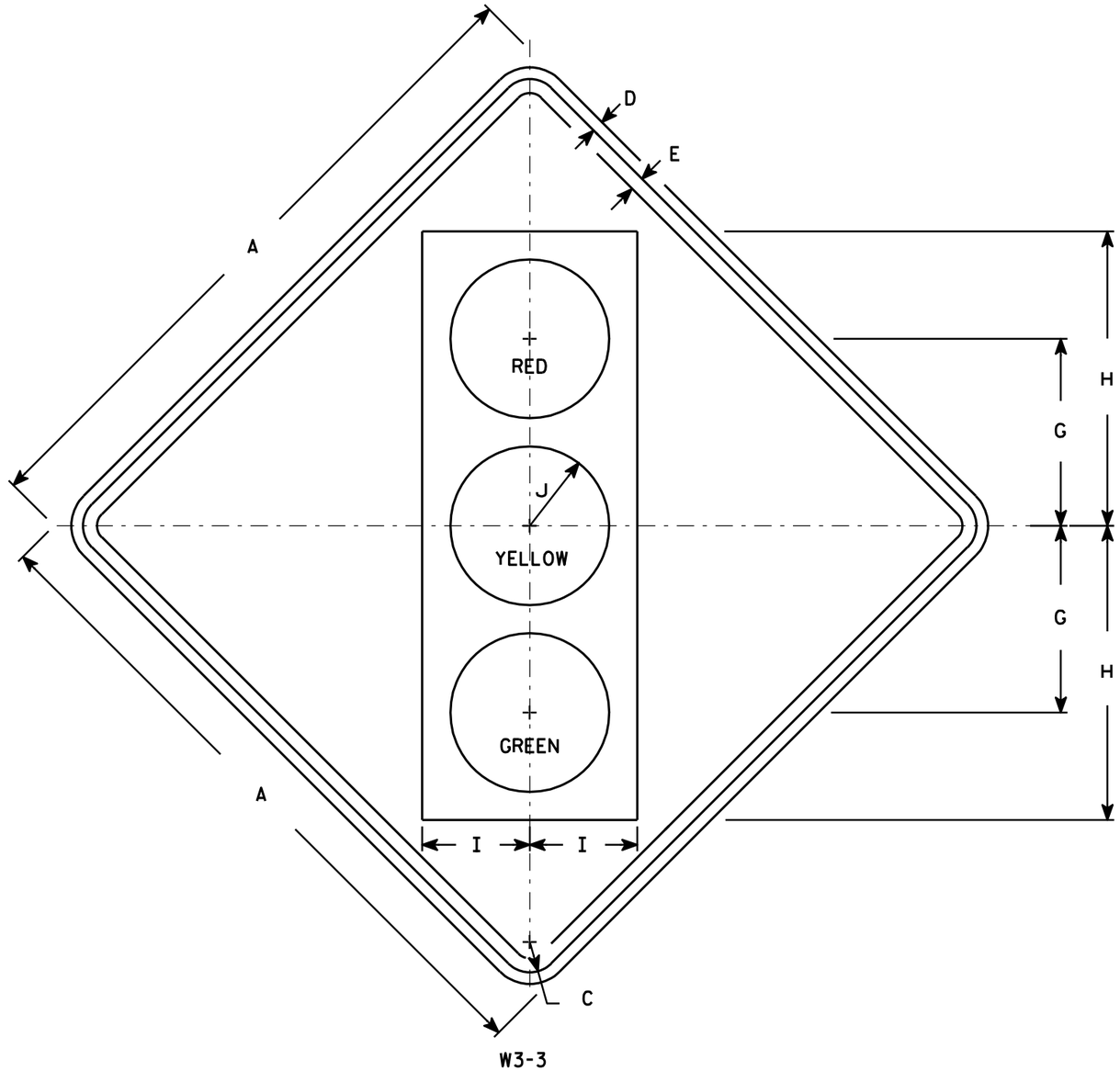
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 257 | 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 - 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. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

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		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0

STANDARD SIGN
W3-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-3.11

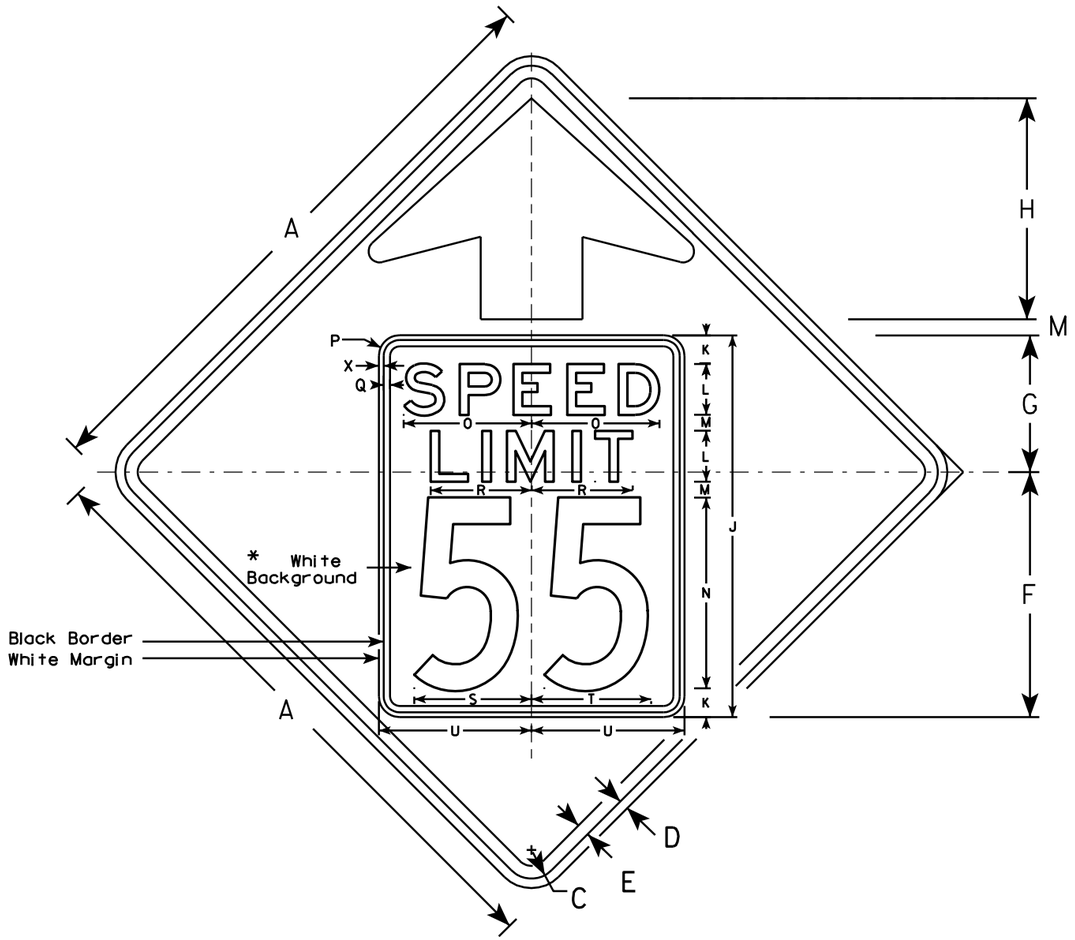
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 258 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W33.DGN PLOT DATE : 07-JUN-2010 13:07 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 7.448805:1.000000

WISDOT/CADDS SHEET 42

7

7

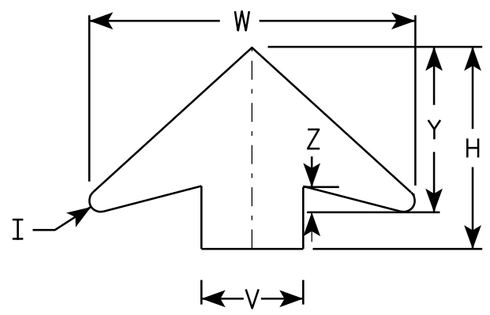


W3-5

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color: *
   Background - YELLOW*
   Message - BLACK
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White 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																											
2S	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		1 5/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

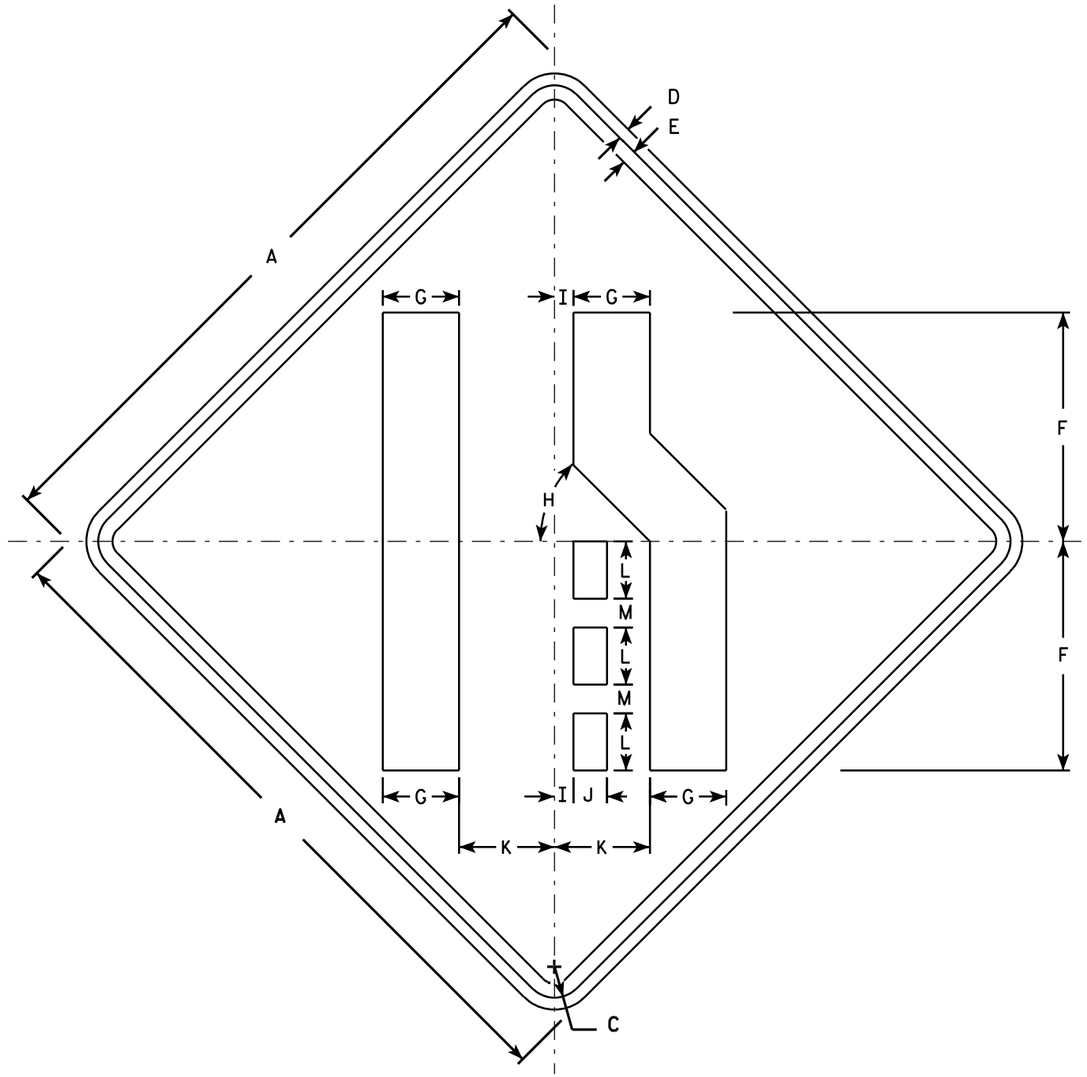
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W3-5.5

PROJECT NO:

SHEET NO: 259 E



W4-2R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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. W4-2L is the same as W4-2R 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	30		1 3/8	1/2	5/8	10	3 3/8	45°	7/8	1 1/2	4 1/4	2 1/2	1 1/4														6.25
2S	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2M	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
3	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
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
W4-2

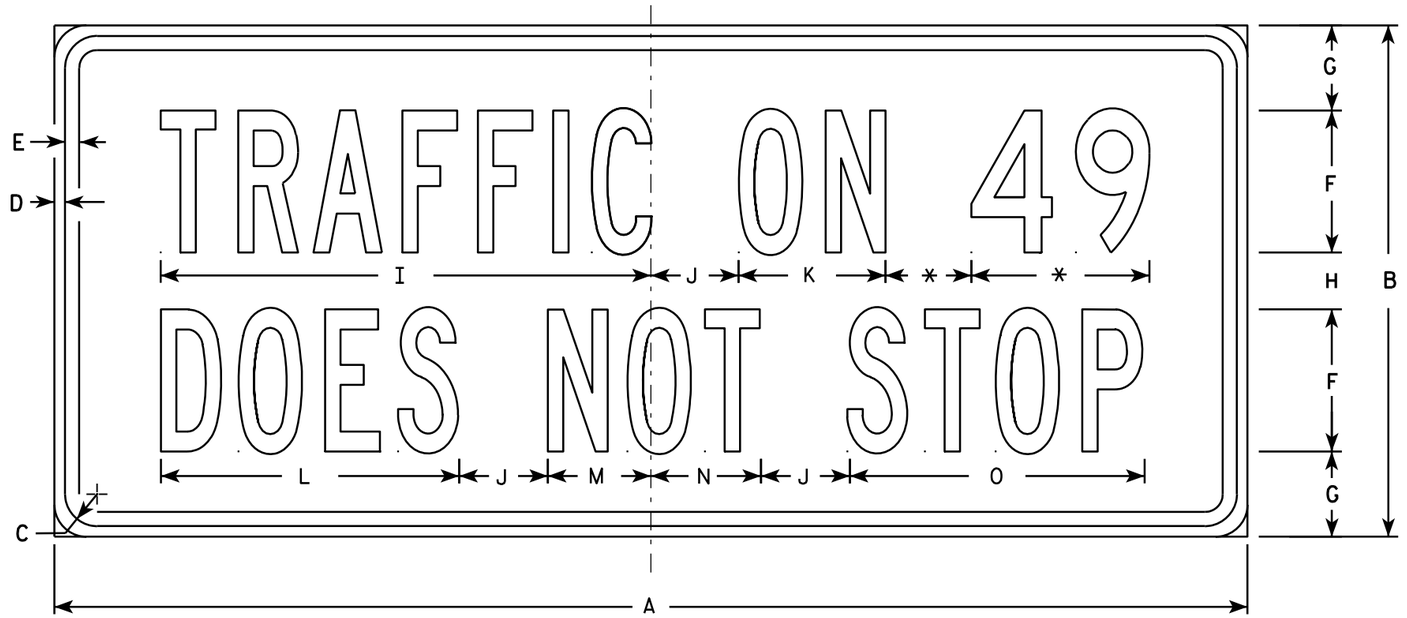
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/12/13 PLATE NO. W4-2.14

PROJECT NO:

SHEET NO: 260 E



W4-4C

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 - B (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. Highway Number usually Series D. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

* VARIES

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	3	2 1/4	1 1/2	10 3/8	1 1/2	3 1/8	6 1/4	2 1/4	2 1/4	6 1/4												2.0
2M	24	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	10 3/8	1 1/2	3 1/8	6 1/4	2 1/4	2 1/4	6 1/4												2.0
3	36	15	1 1/8	3/8	1/2	4	2 5/8	1 3/4	13 7/8	2 3/8	4 1/4	8 3/8	3 1/8	3 1/8	8 3/8												3.75
4	42	18	1 1/8	3/8	1/2	5	3	2	17 1/4	3 1/8	5 1/8	10 1/2	3 7/8	3 7/8	10 3/8												5.25
5																											

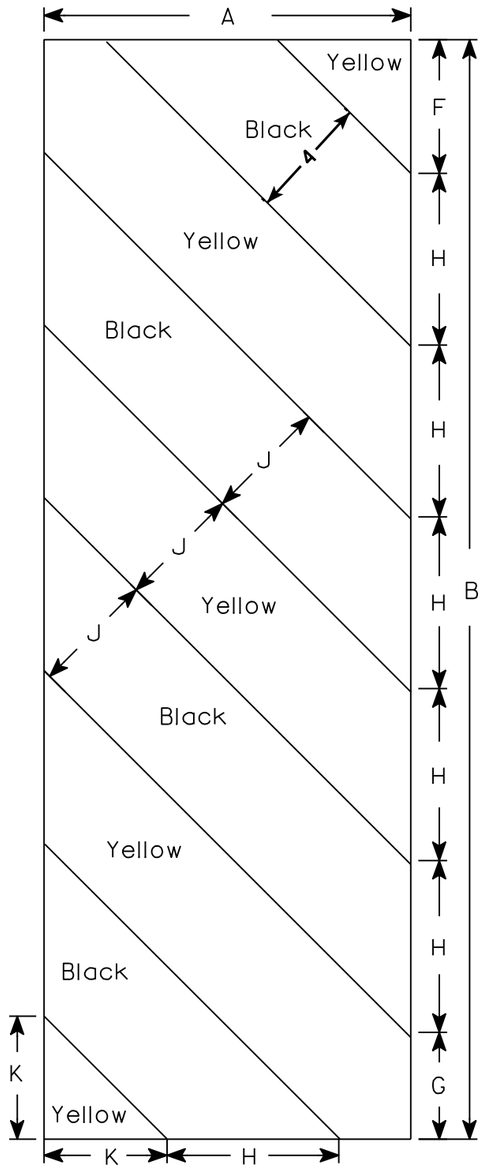
STANDARD SIGN
W4-4C

WISCONSIN DEPT OF TRANSPORTATION

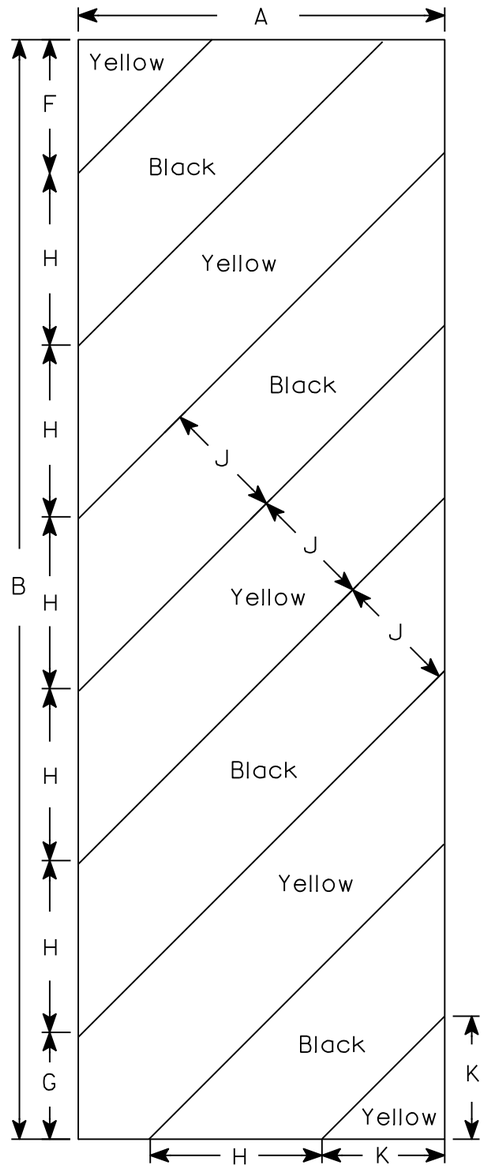
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 261 | E



W5-52L



W5-52R

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. Alternate colors of stripes as shown.

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	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54				6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

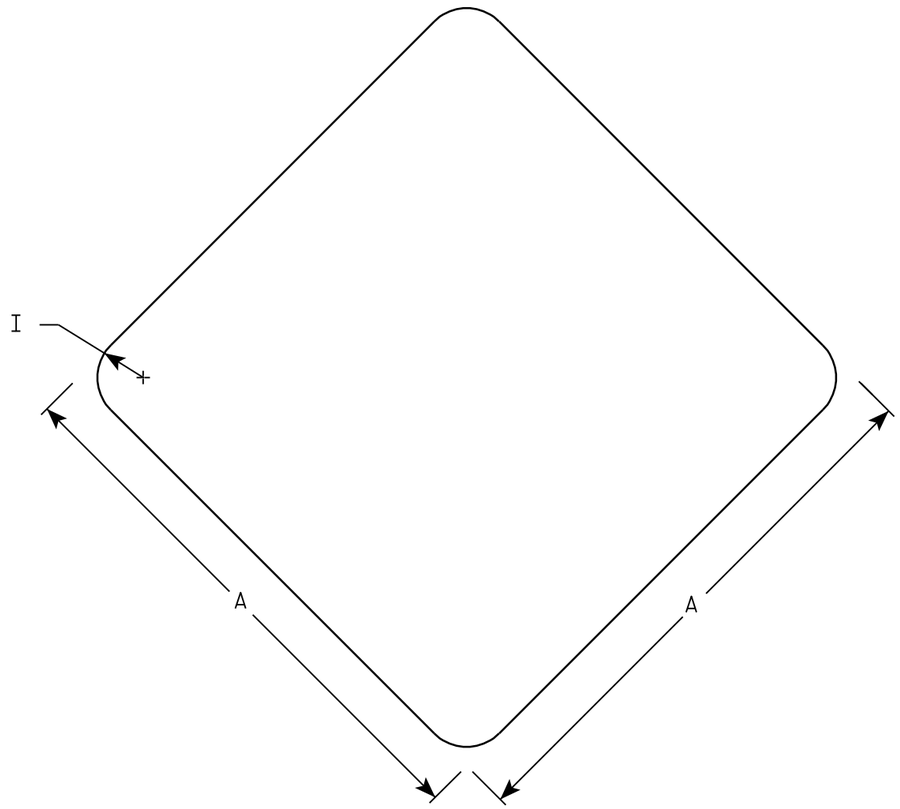
W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W5-52.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 262 | E



W5-54

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
3. Corners may be square or rounded when base material is plywood. When base material is metal the corners 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	12								1																		1.0
2S	18								1 ½																		2.25
2M	18								1 ½																		2.25
3																											
4																											
5																											

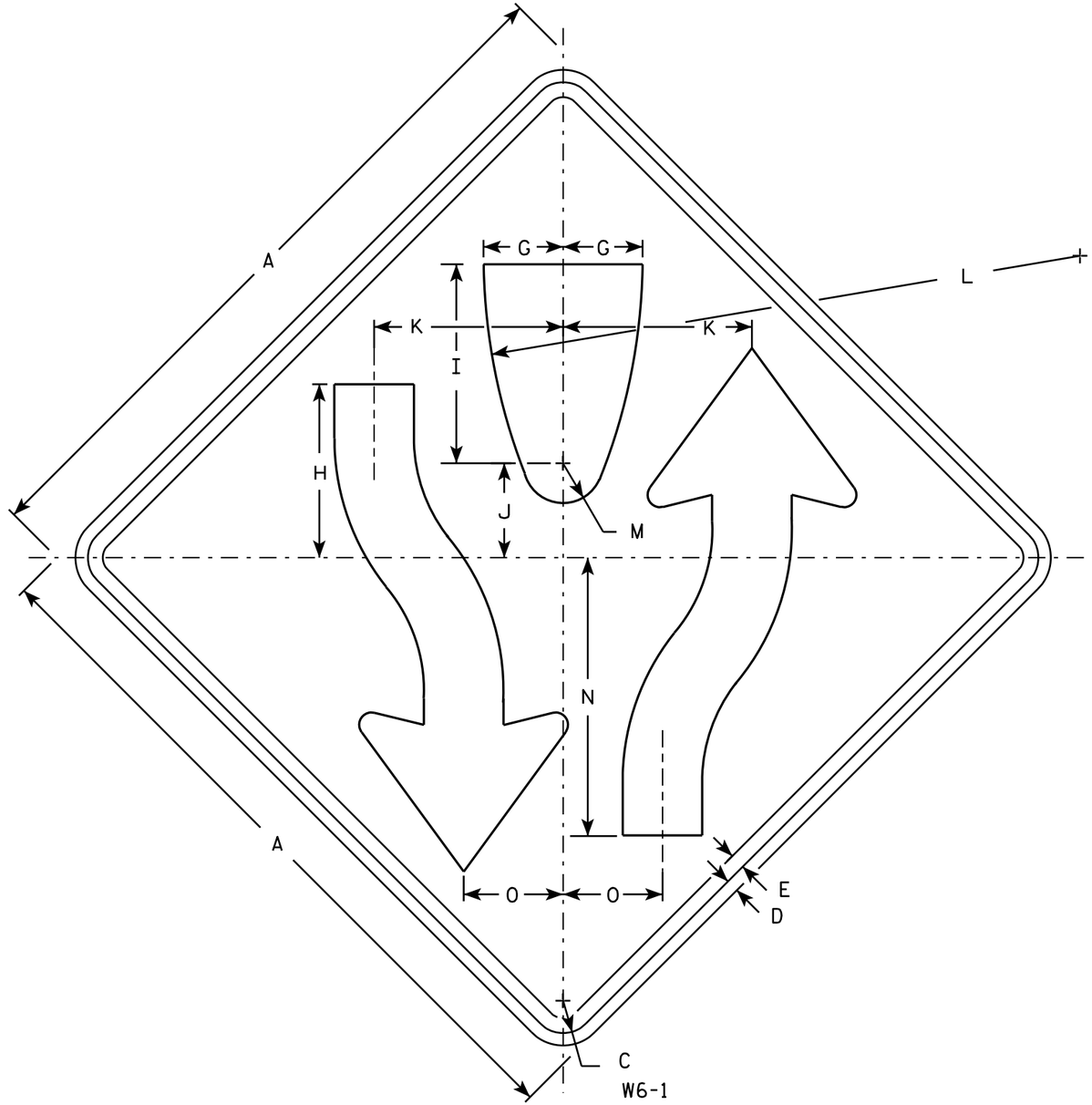
STANDARD SIGN
W5-54

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

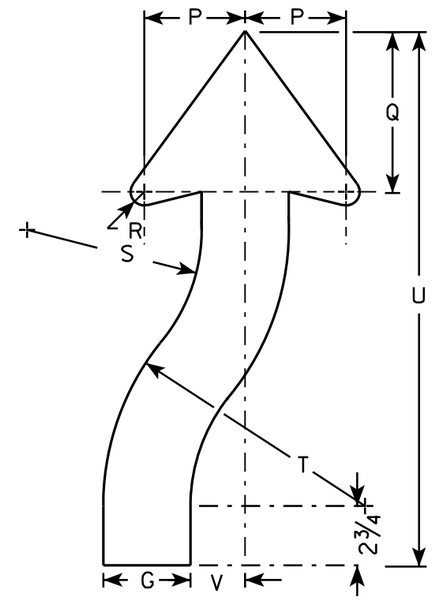
DATE 11/3/10 PLATE NO. W5-54.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 263 | 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. W6-2 same as W6-1 but is rotated 180° when mounted.



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		3 1/4	8	8 1/4	4 1/8	7 7/8	25	1 3/4	11 5/8	4 1/8	3 7/8	6 3/4	5/8	6 5/8	9 7/8	21 5/8	2					6.25
2S	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
2M	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
3																											
4	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0

STANDARD SIGN
W6-1 & W6-2

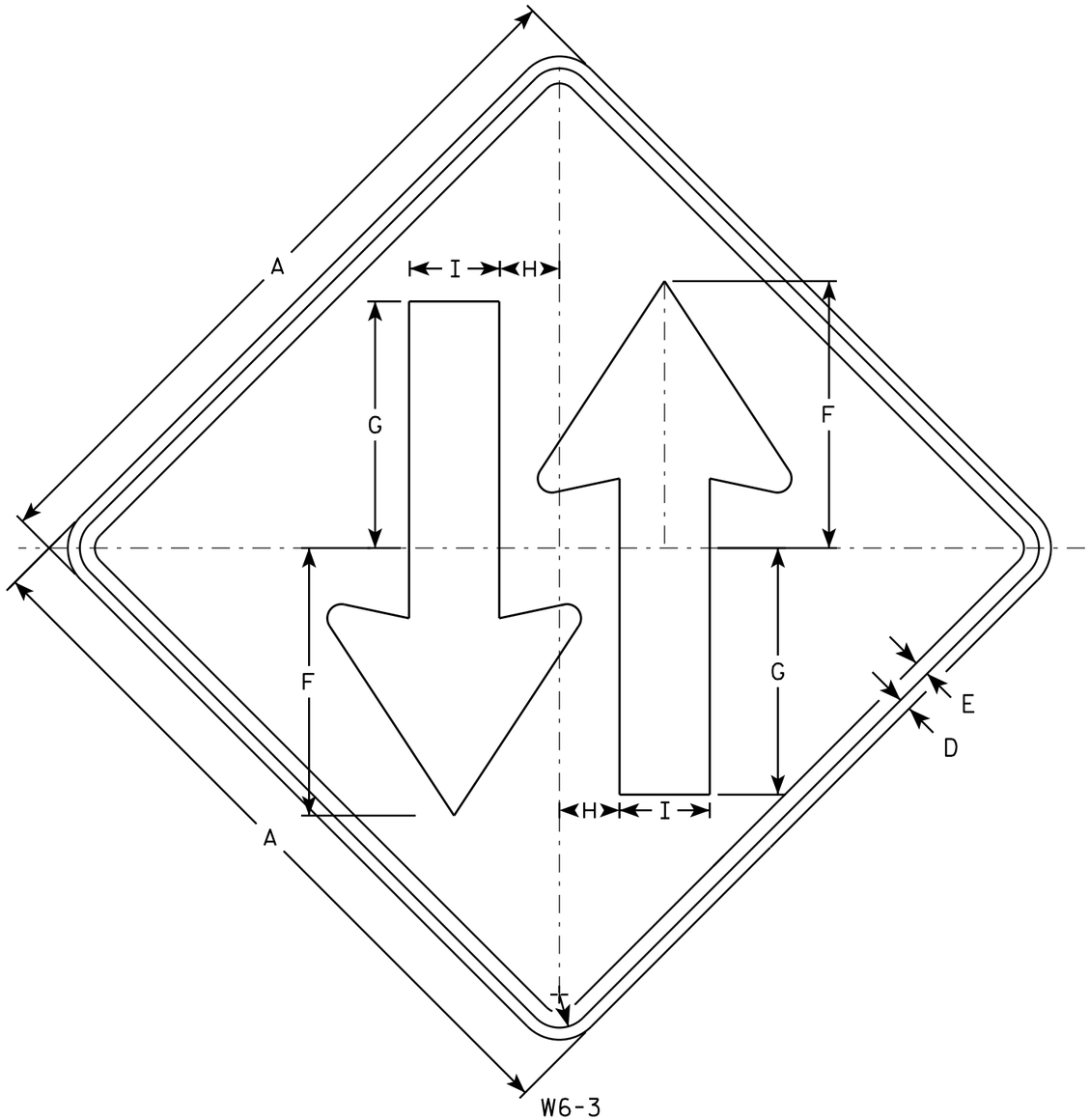
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W6-1.14

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 264	E

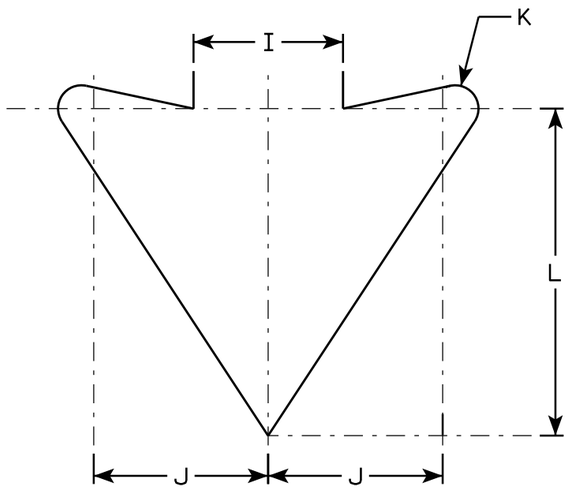
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W61.DGN PLOT DATE : 12-MAR-2013 14:02 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.946657:1.000000
WISDOT/CADDS SHEET 42



W6-3

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.



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	11 1/8	10 1/4	2 1/2	3 3/4	4 3/8	5/8	8 1/4															6.25
2S	36		1 5/8	5/8	3/4	13 3/8	12 1/4	3	4 1/2	5 1/4	3/4	9 7/8															9.0
2M	36		1 5/8	5/8	3/4	13 3/8	12 1/4	3	4 1/2	5 1/4	3/4	9 7/8															9.0
3																											
4	48		2 1/4	3/4	1	17 3/4	16 3/8	4	6	7	1	13 1/8															16.0
5	48		2 1/4	3/4	1	17 3/4	16 3/8	4	6	7	1	13 1/8															16.0

STANDARD SIGN
W6-3

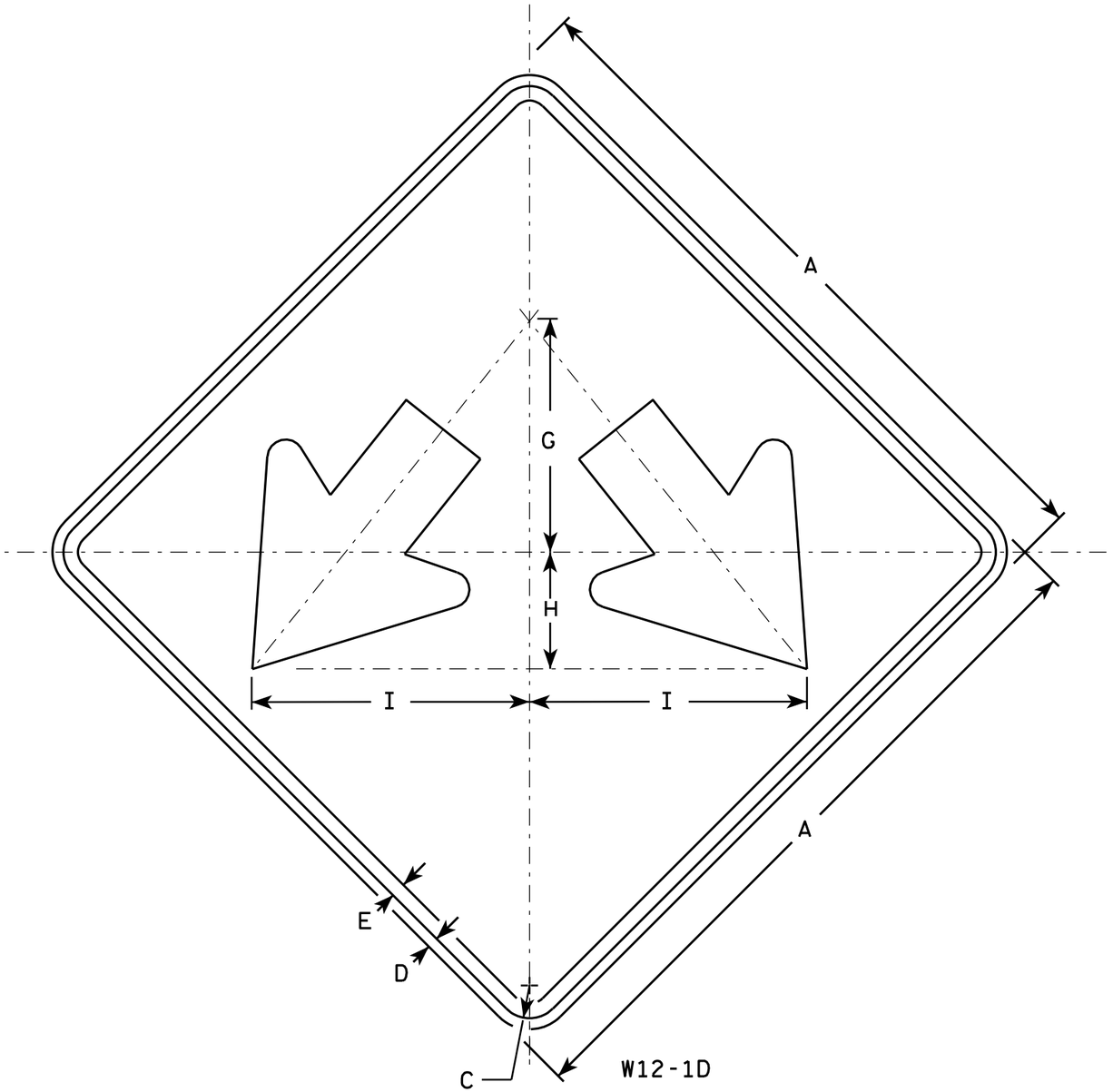
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/16 PLATE W6-3.11

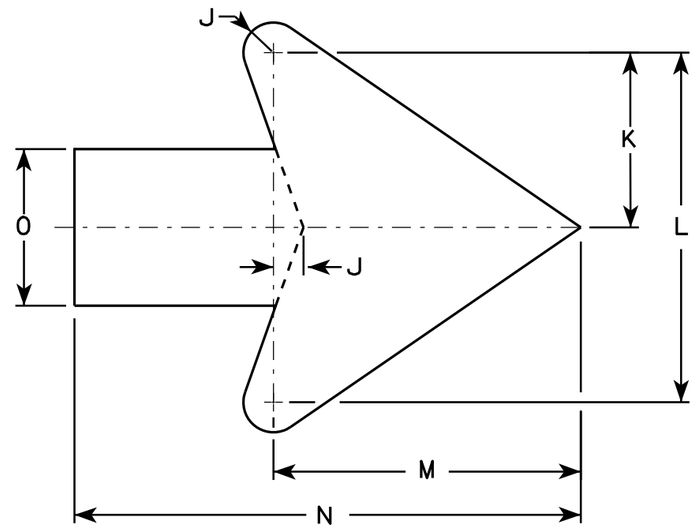
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W63.DGN PLOT DATE : 10-MAR-2016 14:01 PLOT BY : mscsja 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 - 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.



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	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W12-1D.15

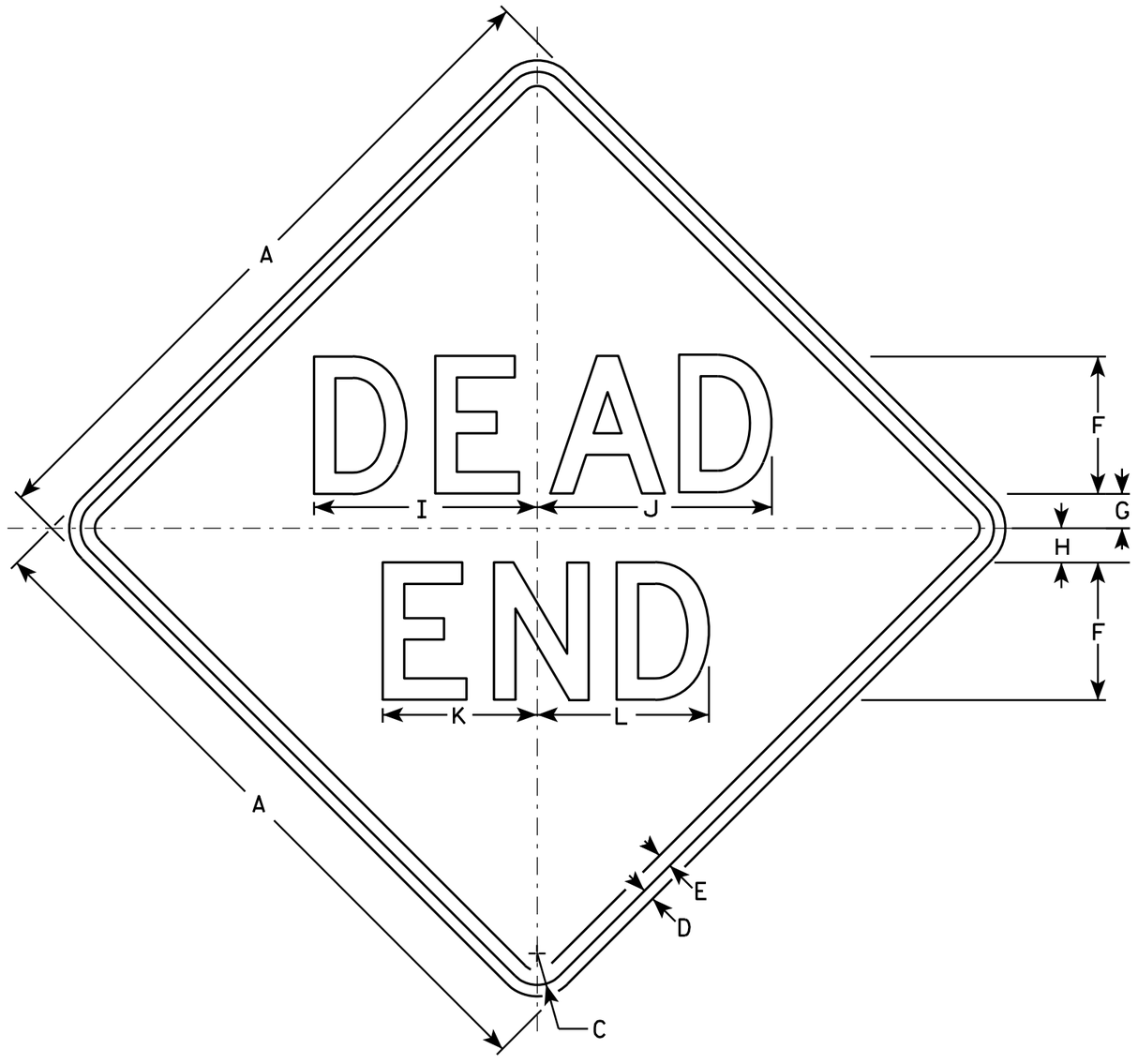
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 266	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W121D.DGN PLOT DATE : 13-MAR-2013 13:26 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 4.713802:1.000000

WISDOT/CADDS SHEET 42

7

7



W14-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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.

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	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		1 5/8	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

STANDARD SIGN
W14-1

WISCONSIN DEPT OF TRANSPORTATION

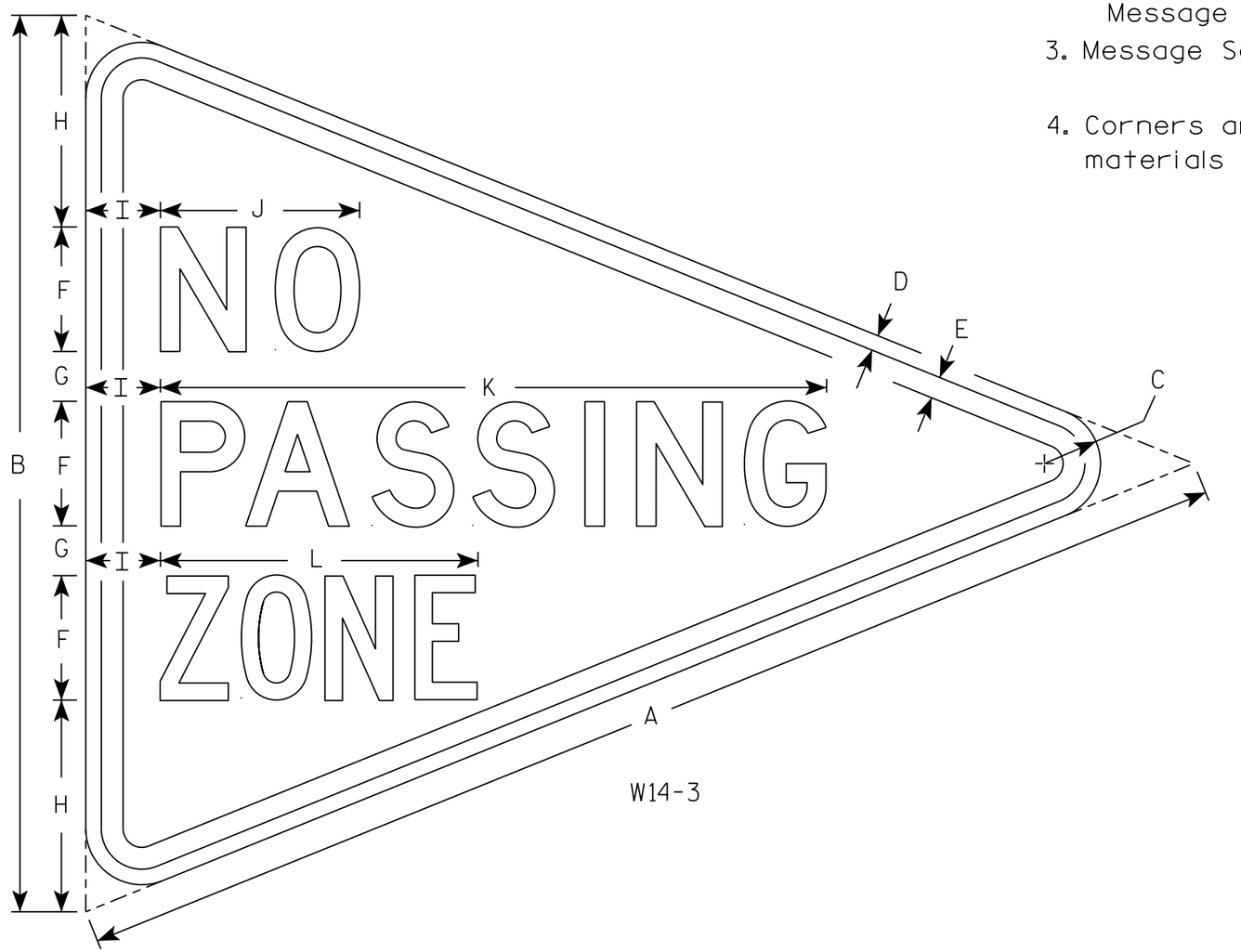
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W14-1.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 267	E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Lines 1 and 2 are Series D.
   Line 3 is series C.
4. Corners and borders shall be rounded on all base materials for this sign.



W14-3

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	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															5.56
2M																											
3																											
4																											
5																											

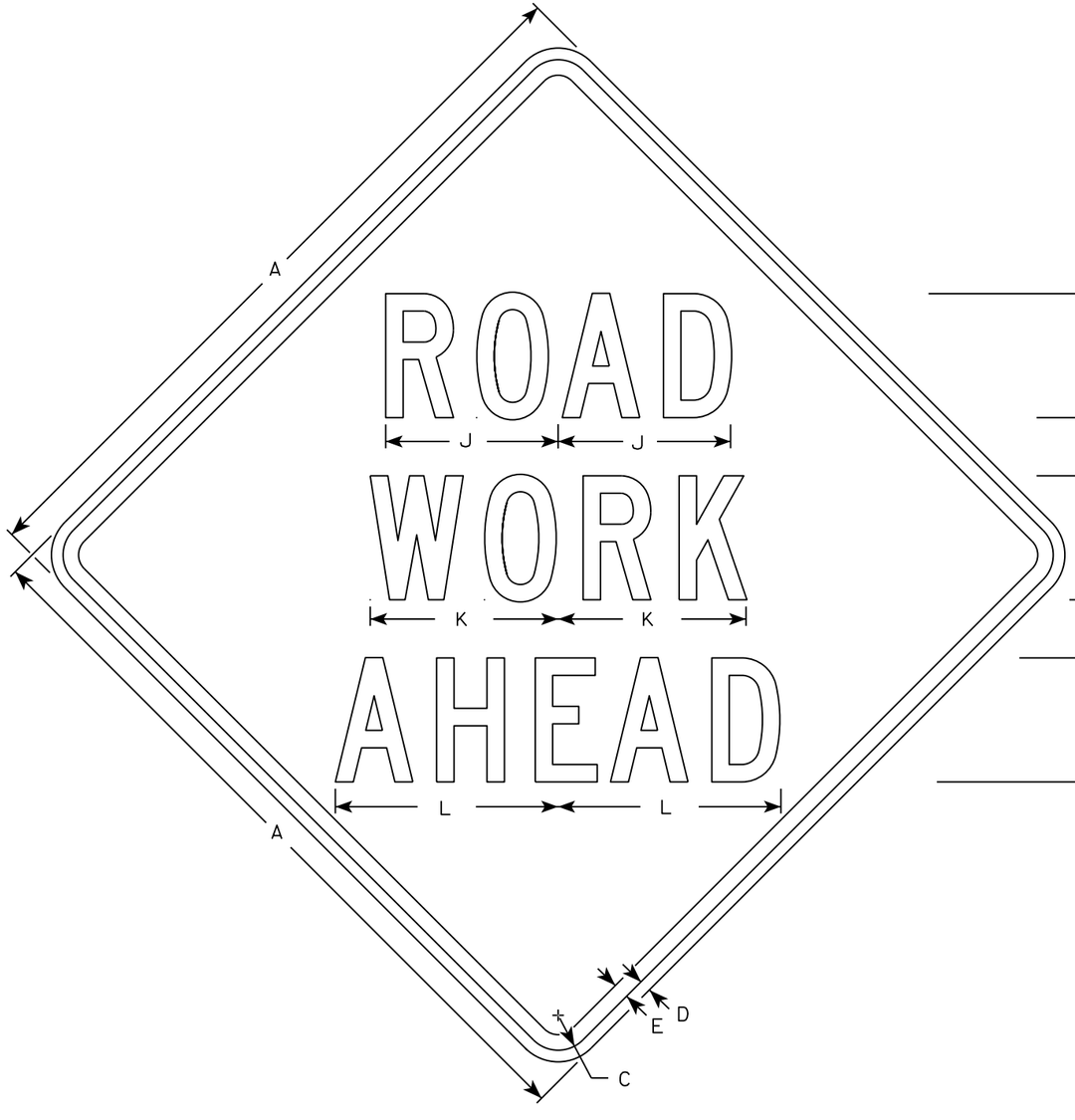
STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

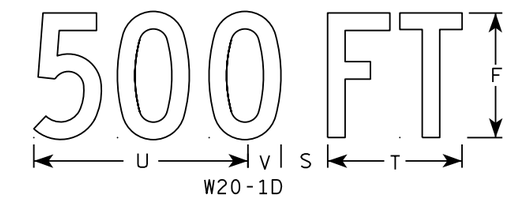
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W14-3.10

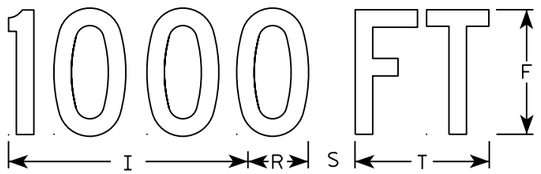
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 268 | E



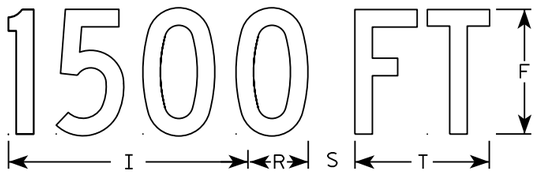
W20-1A



W20-1D



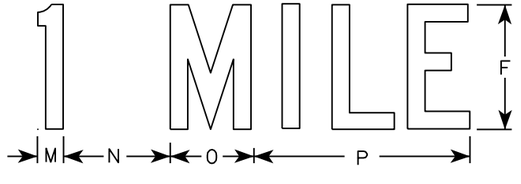
W20-1C



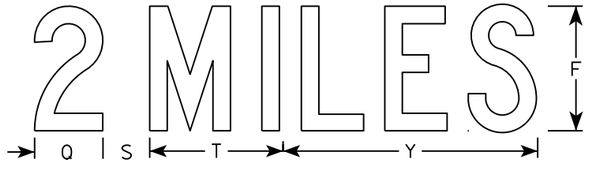
W20-1B



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

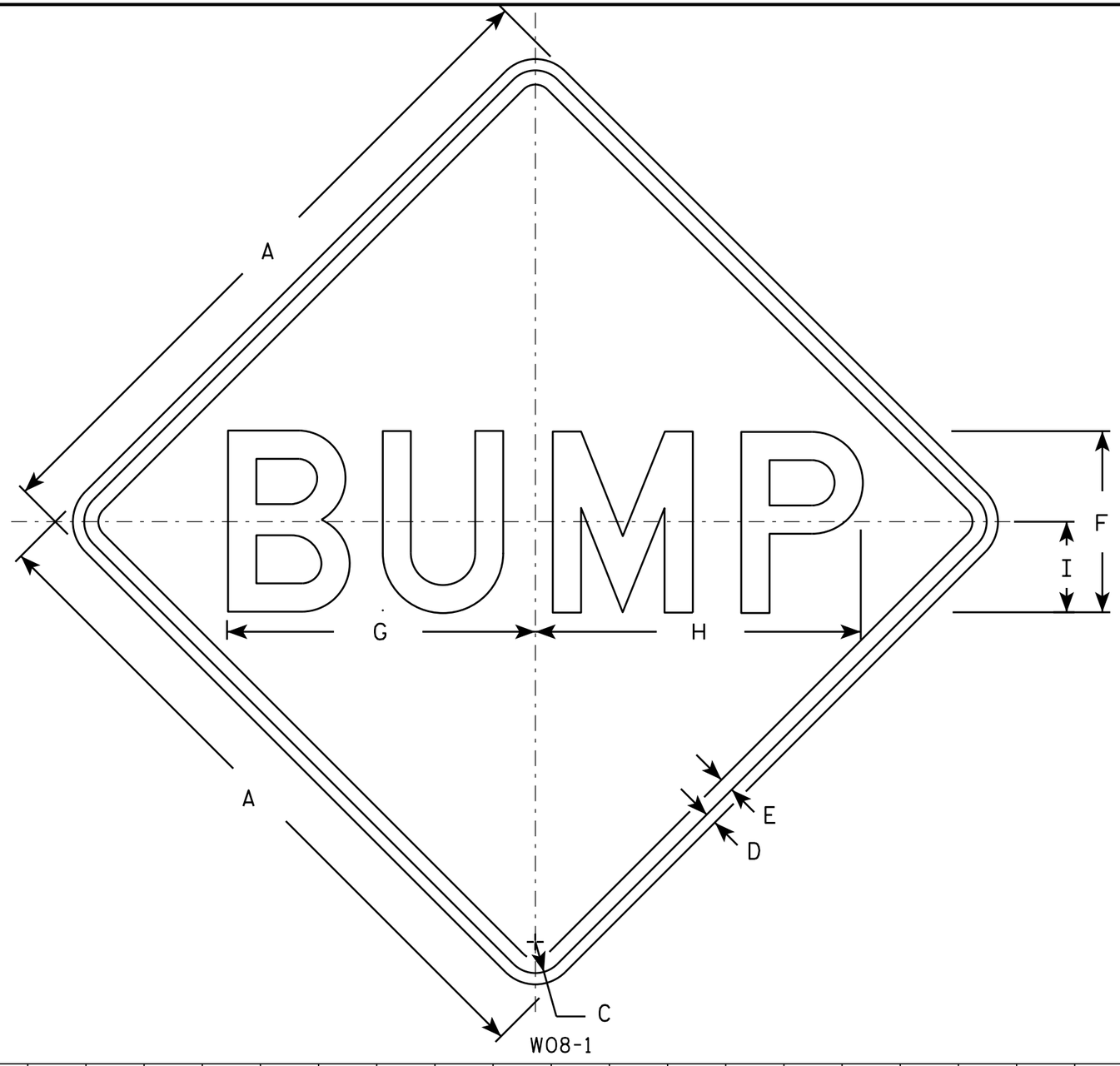
APPROVED Matthew R Rauch
for State Traffic Engineer

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 : $$ plotuser $$



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 - 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	36		1 5/8	5/8	3/4	10	16 7/8	17 7/8	5																		9.0
2S	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
2M	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
3	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
4	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
5	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0

STANDARD SIGN
W08-1

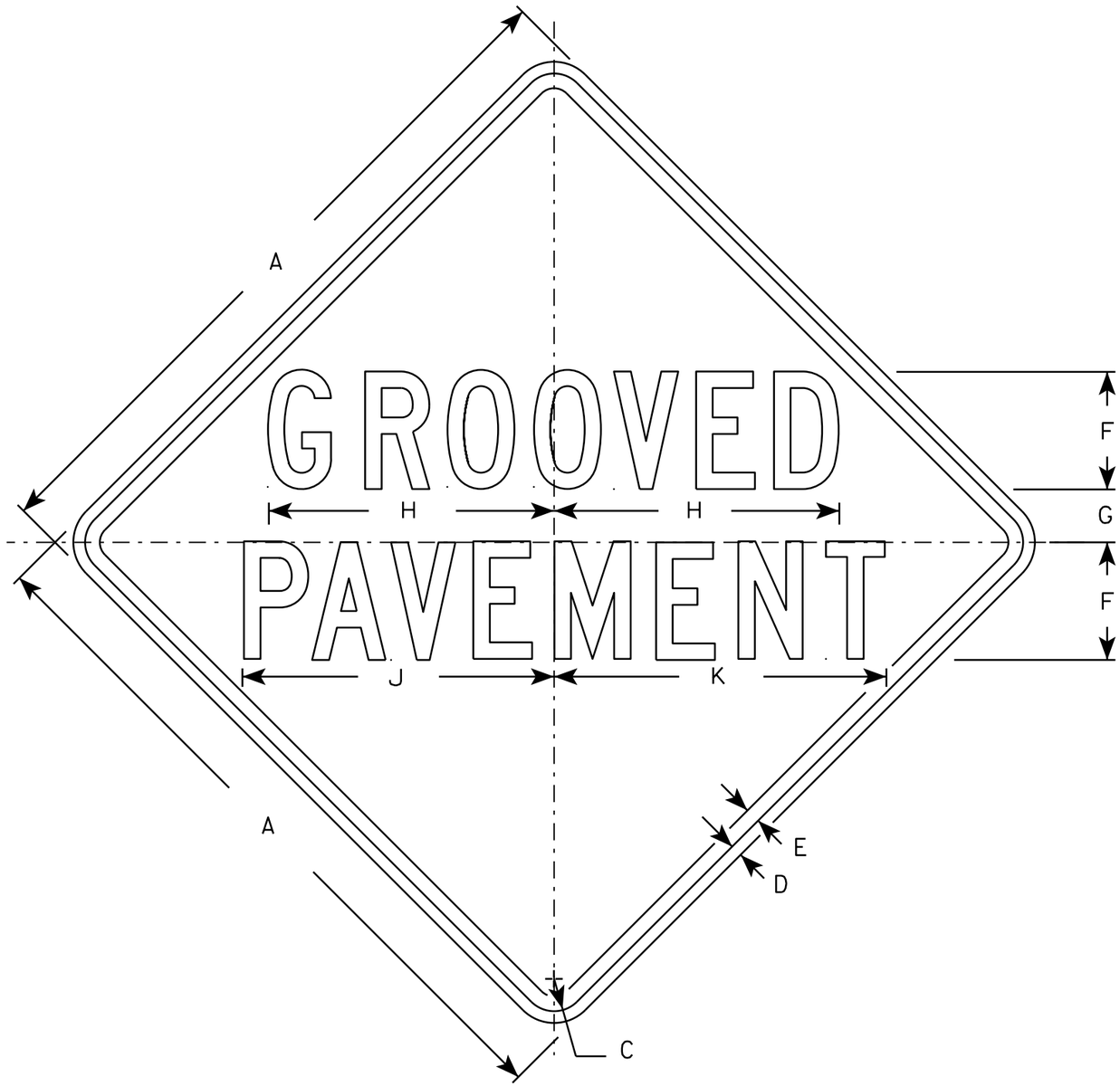
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 1270 W08-1.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W081.DGN PLOT DATE : 20-NOV-2013 12:24 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.688833:1.000000 WISDOT/CADDS SHEET 42



W08-52

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.

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	6	2 5/8	14 1/2		15 7/8	17																9.0
2S	48		2 1/4	3/4	1	8	3 1/2	19 3/8		21 1/4	22 5/8																16.0
2M	48		2 1/4	3/4	1	8	3 1/2	19 3/8		21 1/4	22 5/8																16.0
3	48		2 1/4	3/4	1	8	3 1/2	19 3/8		21 1/4	22 5/8																16.0
4	48		2 1/4	3/4	1	8	3 1/2	19 3/8		21 1/4	22 5/8																16.0
5	48		2 1/4	3/4	1	8	3 1/2	19 3/8		21 1/4	22 5/8																16.0

STANDARD SIGN
W08-52

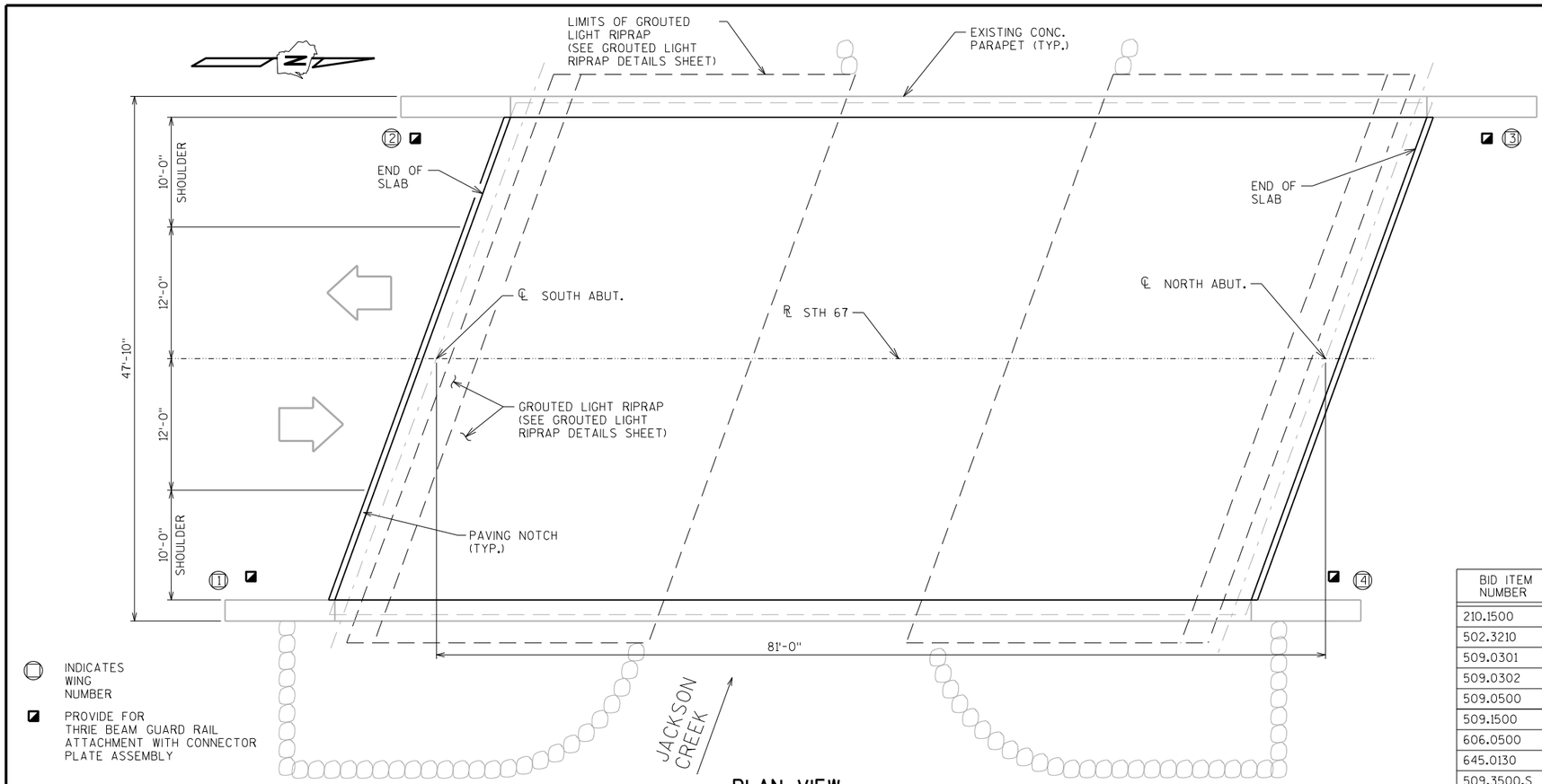
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/20/13 PLATE NO. W08-52.1

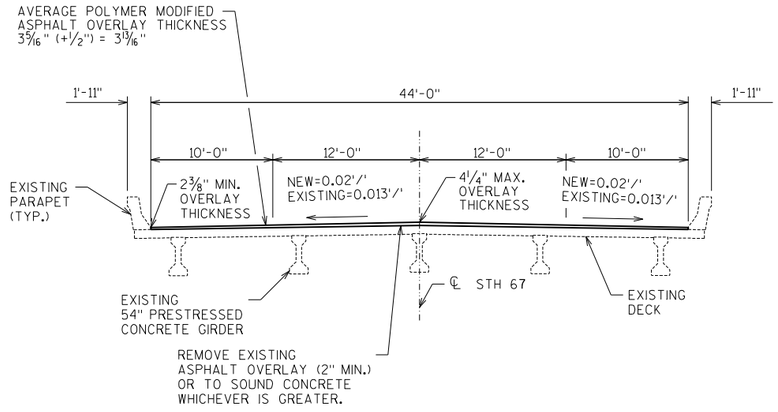
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W0852.DGN PLOT DATE : 28-FEB-2014 11:41 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.997243:1.000000
WISDOT/CADDS SHEET 42



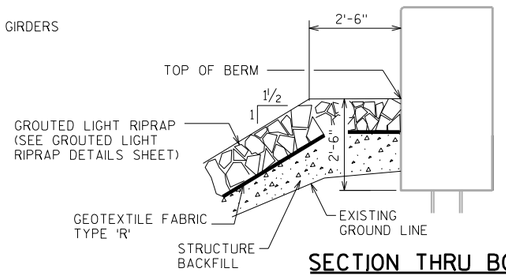
PLAN VIEW

SINGLE SPAN - 54" PRESTRESSED GIRDERS

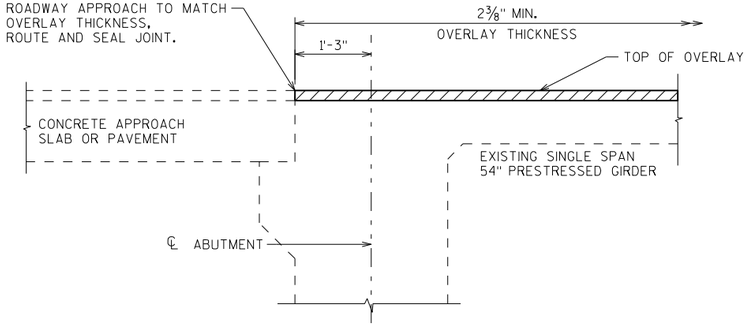


CROSS SECTION THRU ROADWAY

LOOKING NORTH



SECTION THRU BODY



PART LONGIT. SECTION

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HS-17

OPERATING RATING: HS-29

MAXIMUM STANDARD PERMIT VEHICLE LOAD: 220 KIPS

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY SLAB f'c = 4000 PSI

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING ORIGINAL STRUCTURE PLANS.

CONTACT THE BUREAU OF STRUCTURES BEFORE PLACEMENT OF OVERLAY IF AVERAGE THICKNESS OF THE NEW OVERLAY WILL EXCEED THE AVERAGE OVERLAY SHOWN ON THE PLANS BY MORE THAN 1/2".

ANY EXCAVATION REQ'D TO COMPLETE THE OVERLAY IS INCIDENTAL TO THE BID ITEM, "POLYMER MODIFIED ASPHALT OVERLAY".

FOUNDATION PREPARATION FOR GROUTED RIPRAP IS INCIDENTAL TO THE BID ITEM "GROUTED RIPRAP LIGHT".

"CONCRETE SURFACE REPAIR" IS REQUIRED ON BOTH ABUTMENTS AND PARAPETS AS DIRECTED BY ENGINEER.

"CONCRETE MASONRY DECK PATCHING" BID ITEM INCLUDES CONCRETE FOR "PREPARATION DECKS TYPE 1" AND "PREPARATION DECKS TYPE 2"

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON ABUTMENT WINGS.

AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.

PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, AND CONCRETE SURFACE REPAIR AREAS SHALL BE DETERMINED BY FIELD ENGINEER.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
210.1500	BACKFILL STRUCTURE TYPE A	TON	300
502.3210	PIGMENTED SURFACE SEALER	SY	85
509.0301	PREPARATION DECKS TYPE 1	SY	17
509.0302	PREPARATION DECKS TYPE 2	SY	9
509.0500	CLEANING DECKS	SY	409
509.1500	CONCRETE SURFACE REPAIR	SF	85
606.0500	GROUTED RIPRAP LIGHT	CY	100
645.0130	GEOTEXTILE TYPE R	SY	310
509.3500.S	HMA OVERLAY POLYMER-MODIFIED	TON	90
509.9010.S	REMOVING ASPHALTIC CONCRETE DECK OVERLAY B-64-4	SY	409
SPV.0035	CONCRETE MASONRY DECK PATCHING	CY	3
SPV.0060	THRIE BEAM ATTACHMENT	EACH	4
SPV.0090	BRIDGE JOINT ROUT AND SEAL	LF	94
SPV.0090	SAWING PAVEMENT DECK PREPARATION AREAS	LF	170

LIST OF DRAWINGS

1. POLYMER MODIFIED ASPHALTIC OVERLAY
2. CONNECTOR PLATE ASSEMBLY DETAILS
3. ASSEMBLY CONNECTION DETAILS
4. GROUTED LIGHT RIPRAP DETAILS

STRUCTURE CONTACTS:
JONATHON RESHESKE (608) 266-8491
LAURA SHADEWALD (608) 267-9592

STATE PROJECT NUMBER

3325-01-71

NO.	DATE	REVISION	BY

WISCONSIN DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURES

ACCEPTED William C. Dreher LLS 5/12/17
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-64-4

STH 67 OVER JACKSON CREEK

COUNTY	CITY
WALWORTH	ELKHORN

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGNED CK'D.	DRAWN BY	PLANS CK'D.
JLR	BLB	JLR	BLB

POLYMER MODIFIED ASPHALTIC OVERLAY

SHEET 1 OF 4

272

I.D. 3325-01-01

DATE: MAY 2017

SCALE = 6.00

8

8

STATE PROJECT NUMBER

3325-01-71

CONNECTOR PLATE ASSEMBLY DIMENSIONS

PLATE	QUANTITY *	SHAPE	SIZE (A X B X C X D X E)	THICKNESS
P1	1		$10\frac{1}{8}$" X 20" X 20" X $13\frac{13}{16}$" X $11\frac{11}{16}$"	$\frac{3}{16}$"
P2	1		20" X 20" X $28\frac{9}{16}$"	$\frac{3}{16}$"
P3	1		$29\frac{1}{8}$" X $3\frac{5}{8}$" X $10\frac{1}{8}$" X $19\frac{5}{16}$"	$\frac{3}{16}$"
P4	1		$11\frac{11}{16}$" X $3\frac{5}{8}$" X $11\frac{3}{4}$" X $2\frac{1}{2}$"	$\frac{3}{16}$"
S1	2		$18\frac{7}{16}$" X $3\frac{5}{8}$" X $18\frac{3}{4}$"	$\frac{1}{4}$"
S2	1		$10\frac{1}{4}$" X $2\frac{7}{16}$" X $10\frac{3}{8}$" X $\frac{1}{2}$"	$\frac{1}{4}$"
S3	1		3" X $1\frac{1}{16}$" X $3\frac{1}{8}$" X $\frac{1}{2}$"	$\frac{1}{4}$"
S4	1		$6\frac{1}{8}$" X $2\frac{7}{16}$"	$\frac{1}{4}$"
S5	1		$6\frac{1}{8}$" X $1\frac{1}{16}$"	$\frac{1}{4}$"
S6	1		$7\frac{3}{4}$" X $1\frac{3}{4}$"	$\frac{1}{4}$"
S7	1		$2\frac{9}{16}$" X 6" X $3\frac{5}{8}$" X $5\frac{7}{8}$"	$\frac{1}{4}$"
S8	1		$1\frac{5}{32}$" X $7\frac{1}{2}$" X $2\frac{1}{2}$" X $7\frac{3}{8}$"	$\frac{1}{4}$"
S9	1		$6\frac{1}{16}$" X $6\frac{3}{16}$" X $1\frac{3}{32}$"	$\frac{1}{4}$"
S10	1		$1\frac{7}{8}$" X $9\frac{7}{8}$" X $3\frac{5}{8}$" X $9\frac{11}{16}$"	$\frac{1}{4}$"
S11	1		$8\frac{1}{2}$" X $8\frac{3}{4}$" X $1\frac{13}{16}$"	$\frac{1}{4}$"
S12	1		$15\frac{13}{16}$" X $3\frac{1}{8}$" X $16\frac{1}{16}$"	$\frac{1}{4}$"
S13	1		$12\frac{7}{16}$" X $2\frac{1}{2}$" X $12\frac{11}{16}$"	$\frac{1}{4}$"

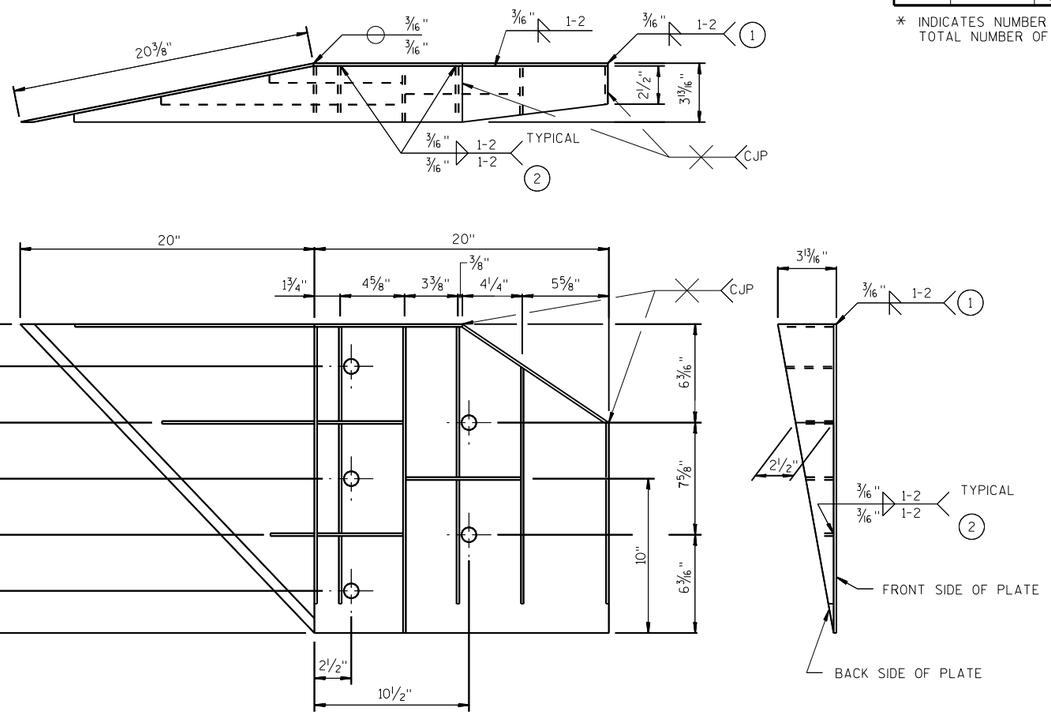
* INDICATES NUMBER OF PLATES REQUIRED PER ASSEMBLY.
TOTAL NUMBER OF ASSEMBLIES REQUIRED IS FOUR (4).

NOTES

1. BID ITEM SHALL BE "GUARD RAIL ATTACHMENT" WHICH INCLUDES ALL ITEMS SHOWN.
2. ALL PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 36.
3. THE NUT SECURING PLATE TO THE CONCRETE SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL $\frac{1}{8}$ TURN.
4. GRIND SMOOTH EXPOSED EDGES. ALL CUT ENDS SHALL BE TRUE AND SMOOTH.
5. ALL MATERIAL SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, ALL STEEL PLATES SHALL BE GIVEN A NO. 6 BLAST CLEANING BY SSPC SPECIFICATIONS.
6. SEE "CONNECTOR PLATE ASSEMBLY DIMENSIONS" TABLE FOR INDIVIDUAL PLATE DIMENSIONS AND THICKNESSES.
7. ALL HOLES SHALL BE 1" DIAMETER.
8. DETAILS SHOWN FOR CONNECTOR PLATES AT WINGS 2 & 4. CONNECTOR PLATES FOR WINGS 1 & 3 SIMILAR, BUT OPPOSITE.

(1) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND $\frac{3}{16}$" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(2) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
$\frac{3}{16}$" FILLET WELD BY 1" LONG SPACED AT 2".



WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

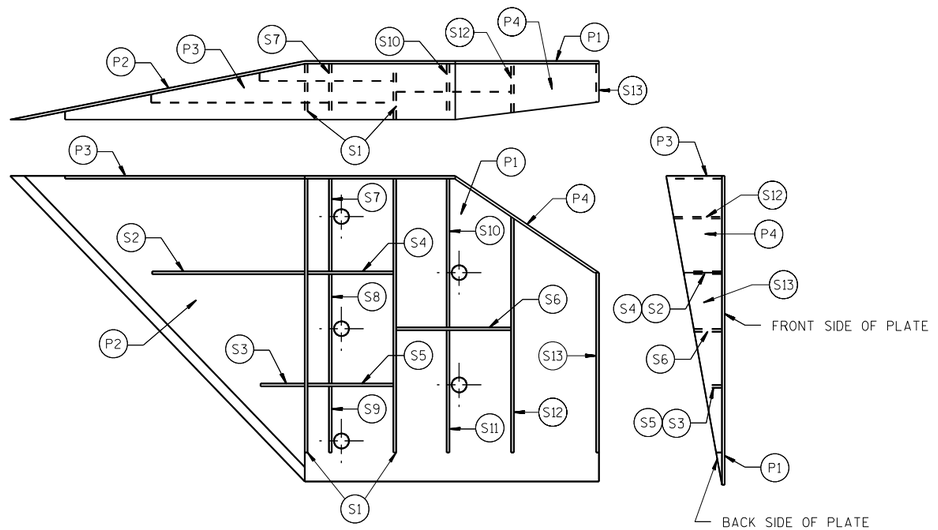


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-64-4

DRAWN BY JLR | PLANS CK'D. BLB

CONNECTOR PLATE ASSEMBLY DETAILS

SHEET 2

273

SCALE = 1.00

8

8

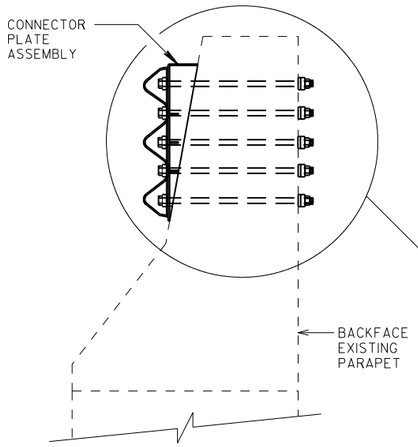
STATE PROJECT NUMBER

3325-01-71

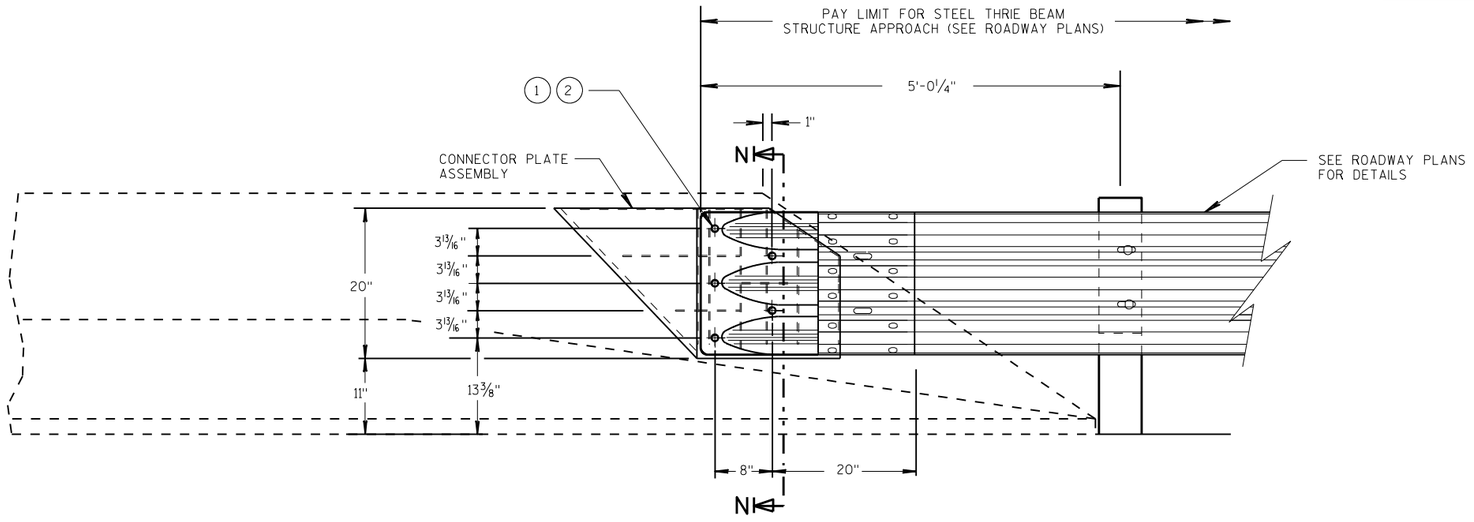
NOTES

(1) DRILL 1" DIAMETER BOLT HOLES THRU EXISTING PARAPET AT LOCATIONS SHOWN IN THE DETAILS. 5 HOLES REQ'D AT EACH WING. DRILLING BOLT HOLES SHALL BE PAID FOR UNDER THE BID ITEM "GUARD RAIL ATTACHMENT".

(2) 7/8" DIAMETER HIGH STRENGTH BOLTS, WASHERS, AND NUTS REQUIRED. DETERMINE BOLT AND THREAD LENGTH AND VERIFY WITH THE ENGINEER. BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A SINGLE, TIGHT CONNECTION OF THE THRIE BEAM TERMINAL CONNECTOR AND CONNECTOR PLATE ASSEMBLY TO THE PARAPET. ONE ROUND WASHER IS REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM TERMINAL CONNECTOR. 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 CONCRETE DAMAGED FROM BOLT INSTALLATION. BOLTS, NUTS, AND WASHERS SHALL BE PAID FOR UNDER THE BID ITEM "GUARD RAIL ATTACHMENT".

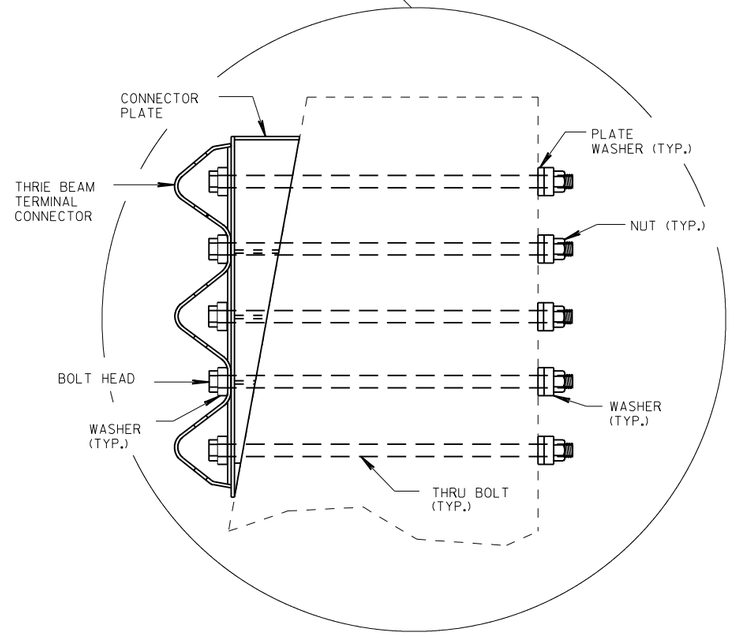


SECTION N-N



THRIE BEAM CONNECTION TO BRIDGE PARAPETS

(FRONT VIEW)



8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-64-4

DRAWN BY JLR | PLANS CK'D. BLB

ASSEMBLY CONNECTION DETAILS

SHEET 3

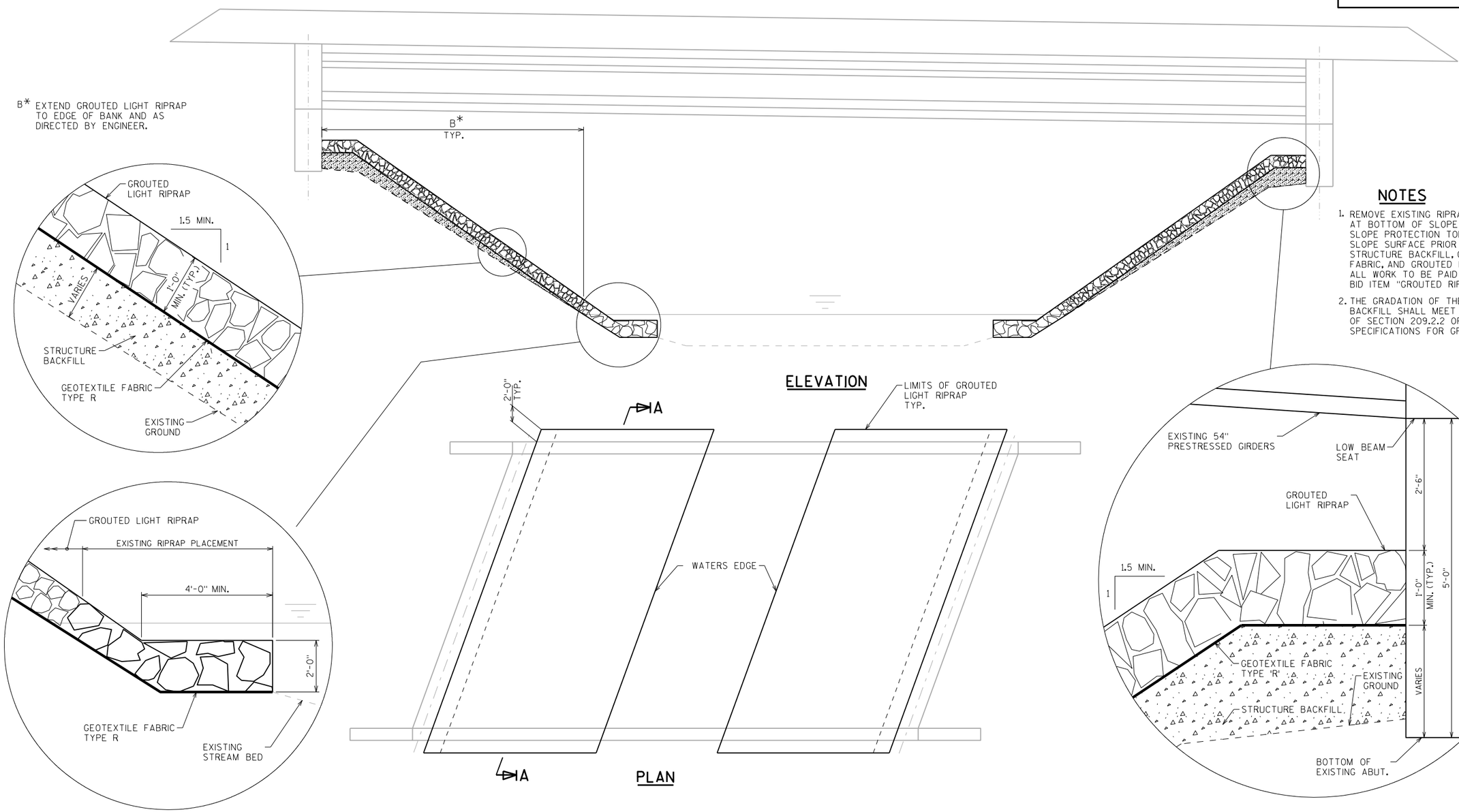
274

SCALE = 0.80

STATE PROJECT NUMBER

3325-01-71

B* EXTEND GROUTED LIGHT RIPRAP TO EDGE OF BANK AND AS DIRECTED BY ENGINEER.

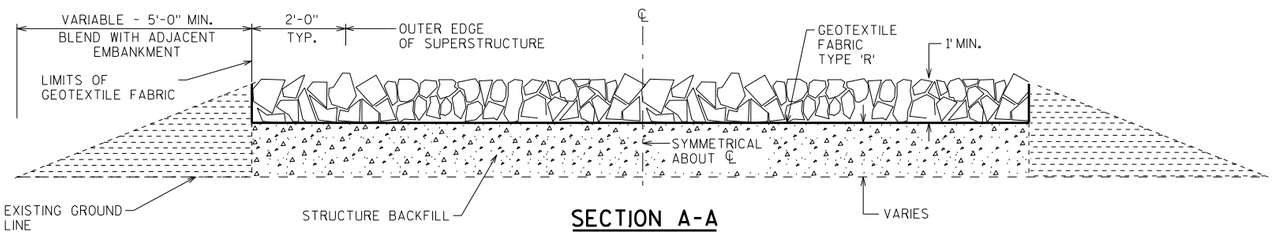


ELEVATION

PLAN

NOTES

1. REMOVE EXISTING RIPRAP AND PLACE AT BOTTOM OF SLOPE TO USE IN SLOPE PROTECTION TOE; SMOOTH SLOPE SURFACE PRIOR TO PLACING STRUCTURE BACKFILL, GEOTEXTILE FABRIC, AND GROUTED LIGHT RIPRAP; ALL WORK TO BE PAID UNDER THE BID ITEM "GROUTED RIPRAP LIGHT".
2. THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.



SECTION A-A

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-64-4

DRAWN BY JLR | PLANS CK'D. BLB

GROUTED LIGHT RIPRAP DETAILS

SHEET 4

275

SCALE = 4.00

8

8

NOTES:

1. CUT - CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL

2. SALVAGED/UNUSABLE PAVEMENT MATERIAL - THIS DOES NOT SHOW UP IN CROSS SECTIONS.

3. FILL - DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL

4. MASS ORDINATE - PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STATION RANGE, MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STATION RANGE.

STH 67 - STA 112+00 - 140+00

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
112+00		0.00	8.38	0	0	0	0	0
112+50	50	1.84	5.10	2	12	2	16	-14
113+00	50	3.30	1.79	5	6	6	24	-17
113+50	50	0.00	2.71	3	4	10	29	-19
114+00	50	0.00	0.00	0	3	10	32	-22
114+50	50	0.00	2.31	0	2	10	35	-25
115+00	50	0.00	2.28	0	4	10	40	-30
115+50	50	0.00	2.88	0	5	10	46	-36
116+00	50	0.00	3.80	0	6	10	54	-44
116+50	50	0.00	3.43	0	7	10	62	-52
117+00	50	0.00	3.00	0	6	10	69	-60
117+50	50	0.00	3.37	0	6	10	77	-67
117+55	5	0.00	3.43	0	1	10	78	-68
118+00	45	0.00	4.21	0	6	10	86	-76
118+50	50	0.00	3.92	0	8	10	95	-85
118+93	43	0.00	3.63	0	6	10	102	-93
119+00	7	0.00	3.54	0	1	10	104	-94
119+50	50	0.00	4.69	0	8	10	113	-104
120+00	50	0.00	6.19	0	10	10	126	-116
120+50	50	0.00	5.97	0	11	10	140	-130
121+00	50	0.00	6.64	0	12	10	154	-145
121+50	50	0.00	6.40	0	12	10	170	-160
122+00	50	0.00	6.88	0	12	10	185	-175
122+50	50	0.00	5.10	0	11	10	199	-189
123+00	50	0.00	3.28	0	8	10	208	-199
123+29	29	0.00	3.38	0	4	10	213	-203
123+50	21	51.33	3.48	20	3	29	216	-187
124+00	50	35.47	5.81	80	9	110	227	-117
124+45	45	0.00	4.11	30	8	139	237	-98
124+90	45	0.00	2.59	0	6	139	244	-105
125+50	60	71.11	2.56	79	6	218	251	-33
126+00	50	45.08	6.09	108	8	326	261	65
126+50	50	32.97	26.61	72	30	398	299	99
127+10	60	14.93	14.86	53	46	451	357	95
127+60	50	44.17	21.81	55	34	506	399	107
128+00	40	16.87	6.66	45	21	551	426	126
128+50	50	30.99	13.07	44	18	596	449	147
129+00	50	33.23	7.18	59	19	655	472	183
129+50	50	37.43	6.93	65	13	721	488	232
130+00	50	43.06	4.94	75	11	795	502	293
130+50	50	77.86	0.47	112	5	907	508	399
131+00	50	35.59	0.00	105	0	1012	509	503
131+43	43	1.85	0.00	30	0	1042	509	533
131+50	7	0.00	0.00	0	0	1042	509	533
132+00	50	0.00	0.00	0	0	1042	509	533
132+42	42	0.00	0.00	0	0	1042	509	533
132+50	8	0.00	0.00	0	0	1042	509	533
132+89	39	0.00	0.00	0	0	1042	509	533
133+00	11	0.00	2.06	0	0	1042	509	533
133+50	50	0.00	0.00	0	2	1042	512	530
134+00	50	0.00	0.00	0	0	1042	512	530
134+50	50	0.00	0.00	0	0	1042	512	530
135+00	50	0.00	0.00	0	0	1042	512	530
135+20	20	0.00	0.00	0	0	1042	512	530
135+50	30	0.00	0.00	0	0	1042	512	530
135+80	30	0.00	3.99	0	2	1042	515	528
136+00	20	0.00	0.00	0	1	1042	516	526
136+50	50	0.00	2.88	0	3	1042	520	522
137+00	50	0.00	2.82	0	5	1042	526	516
137+28	28	0.00	5.18	0	4	1042	532	511
137+50	22	0.00	0.00	0	2	1042	534	508
138+00	50	0.00	0.00	0	0	1042	534	508
138+50	50	0.00	0.00	0	0	1042	534	508
139+00	50	0.00	0.00	0	0	1042	534	508
139+50	50	0.00	0.00	0	0	1042	534	508
140+00	50	0.00	0.00	0	0	1042	534	508

STH 67 - STA 140+50 - 167+00

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
140+50	50	0.00	0.00	0	0	1042	534	508
140+63	13	0.00	0.00	0	0	1042	534	508
141+00	37	3.19	0.00	2	0	1044	534	510
141+18	18	0.00	0.00	1	0	1045	534	511
141+50	32	0.00	0.00	0	0	1045	534	511
142+00	50	0.00	0.00	0	0	1045	534	511
142+45	45	0.00	0.00	0	0	1045	534	511
142+50	5	0.00	0.00	0	0	1045	534	511
143+00	50	0.00	2.30	0	2	1045	537	509
143+50	50	26.98	2.07	25	4	1070	542	529
144+00	50	27.51	16.88	50	18	1121	564	557
144+25	25	27.61	26.34	26	24	1146	594	552
144+60	35	30.41	23.22	38	32	1184	634	550
145+00	40	53.43	25.96	62	36	1246	680	566
145+50	50	53.36	41.72	99	63	1345	758	587
146+00	50	55.44	144.92	101	173	1446	974	471
146+50	50	53.85	211.17	101	330	1547	1386	160
147+00	50	51.45	281.73	98	456	1644	1957	-313
147+50	50	50.65	211.84	95	457	1739	2528	-789
148+00	50	50.03	162.40	93	347	1832	2961	-1129
148+50	50	50.73	183.41	93	320	1926	3362	-1436
149+00	50	51.84	211.05	95	365	2020	3818	-1798
149+50	50	53.26	204.31	97	385	2118	4299	-2181
150+00	50	54.82	193.94	100	369	2218	4760	-2542
150+50	50	56.24	176.83	103	343	2321	5189	-2868
151+00	50	57.79	161.79	106	314	2426	5581	-3155
151+50	50	57.03	75.09	106	219	2533	5855	-3322
152+00	50	55.25	18.83	104	87	2637	5964	-3327
152+50	50	55.73	12.71	103	29	2739	6000	-3261
153+00	50	56.27	1.73	104	13	2843	6017	-3174
153+50	50	57.53	0.87	105	2	2948	6020	-3072
154+00	50	55.63	0.00	105	1	3053	6021	-2968
154+50	50	26.97	1.69	76	2	3130	6023	-2893
155+00	50	22.70	3.07	46	4	3176	6028	-2853
155+50	50	0.00	0.00	21	3	3197	6032	-2835
155+77	27	0.00	0.00	0	0	3197	6032	-2835
156+00	23	0.00	0.00	0	0	3197	6032	-2835
156+10	10	0.00	0.00	0	0	3197	6032	-2835
156+50	40	0.00	0.00	0	0	3197	6032	-2835
157+00	50	0.00	0.00	0	0	3197	6032	-2835
157+50	50	0.00	0.00	0	0	3197	6032	-2835
158+00	50	0.00	0.00	0	0	3197	6032	-2835
158+19	19	0.00	0.00	0	0	3197	6032	-2835
158+50	31	0.00	2.94	0	2	3197	6034	-2837
159+00	50	0.00	2.86	0	5	3197	6041	-2844
159+00	0	0.00	2.86	0	0	3197	6041	-2844
159+50	50	0.00	0.00	0	3	3197	6044	-2847
160+00	50	0.00	0.00	0	0	3197	6044	-2847
160+50	50	0.00	0.00	0	0	3197	6044	-2847
161+00	50	0.00	0.00	0	0	3197	6044	-2847
161+50	50	0.00	0.00	0	0	3197	6044	-2847
162+00	50	0.00	7.37	0	7	3197	6053	-2856
162+50	50	0.00	0.00	0	7	3197	6061	-2865
163+00	50	1.22	0.00	1	0	3198	6061	-2863
163+50	50	0.87	0.40	2	0	3200	6062	-2862
164+00	50	0.00	7.60	1	7	3201	6071	-2870
164+50	50	26.19	5.63	24	12	3225	6086	-2861
165+00	50	28.88	11.54	51	16	3276	6106	-2830
165+50	50	58.66	37.30	81	45	3357	6163	-2806
166+00	50	55.09	73.86	105	103	3462	6291	-2829
166+50	50	65.67	105.87	112	166	3574	6499	-2925
167+00	50	56.28	108.47	113	198	3687	6747	-3061

NOTES:

1. CUT - CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL

2. SALVAGED/UNUSABLE PAVEMENT MATERIAL - THIS DOES NOT SHOW UP IN CROSS SECTIONS.

3. FILL - DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL

4. MASS ORDINATE - PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STATION RANGE, MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STATION RANGE.

STH 67 - STA 167+50 - 197+52

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
167+50	50	31.32	87.80	81	182	3768	6975	-3207
167+78	28	30.95	143.27	32	120	3800	7124	-3324
168+00	22	66.29	187.92	40	135	3840	7293	-3453
168+30	30	60.33	4.54	70	107	3910	7427	-3516
168+60	30	38.45	72.10	55	43	3965	7480	-3515
169+00	40	65.05	59.13	77	97	4042	7601	-3560
169+45	45	58.77	59.20	103	99	4145	7725	-3580
169+80	35	143.63	63.76	131	80	4276	7824	-3548
170+41	61	0.00	0.00	162	72	4438	7914	-3476
170+95	54	70.44	99.86	70	100	4509	8039	-3530
171+50	55	28.84	45.92	101	148	4610	8225	-3615
172+00	50	16.43	54.57	42	93	4652	8341	-3689
172+50	50	30.66	50.12	44	97	4695	8462	-3767
173+00	50	48.58	39.26	73	83	4769	8566	-3797
173+50	50	101.02	26.54	139	61	4907	8642	-3734
174+00	50	134.88	15.30	218	39	5126	8690	-3564
174+50	50	35.81	8.53	158	22	5284	8718	-3434
175+00	50	28.61	2.04	60	10	5343	8730	-3387
175+50	50	28.30	0.00	53	2	5396	8732	-3336
176+00	50	29.29	0.00	53	0	5450	8732	-3283
176+50	50	0.00	0.00	27	0	5477	8732	-3256
177+00	50	0.00	0.00	0	0	5477	8732	-3256
177+50	50	0.00	1.72	0	2	5477	8734	-3258
178+00	50	0.00	2.42	0	4	5477	8739	-3263
178+65	65	0.00	0.00	0	3	5477	8743	-3266
179+00	35	0.00	0.00	0	0	5477	8743	-3266
179+50	50	0.00	0.00	0	0	5477	8743	-3266
180+00	50	0.00	0.00	0	0	5477	8743	-3266
180+50	50	0.00	3.04	0	3	5477	8746	-3270
181+00	50	0.00	3.00	0	6	5477	8753	-3277
181+50	50	0.00	0.00	0	3	5477	8757	-3280
182+00	50	0.00	0.00	0	0	5477	8757	-3280
182+50	50	0.00	0.00	0	0	5477	8757	-3280
183+00	50	0.00	0.00	0	0	5477	8757	-3280
183+50	50	0.00	0.00	0	0	5477	8757	-3280
183+56	6	0.00	1.90	0	0	5477	8757	-3280
184+00	44	0.00	2.40	0	4	5477	8761	-3285
184+50	50	0.00	3.31	0	5	5477	8768	-3291
185+00	50	0.00	2.77	0	6	5477	8775	-3298
185+50	50	0.00	7.07	0	9	5477	8786	-3310
186+00	50	0.00	12.15	0	18	5477	8809	-3332
186+45	45	0.00	6.77	0	16	5477	8828	-3352
186+50	5	0.00	5.67	0	1	5477	8830	-3353
187+00	50	0.00	4.73	0	10	5477	8842	-3365
187+50	50	0.00	9.19	0	13	5477	8858	-3381
188+00	50	0.00	12.64	0	20	5477	8883	-3407
188+50	50	0.00	4.84	0	16	5477	8904	-3427
189+00	50	0.00	1.93	0	6	5477	8911	-3435
189+35	35	0.00	0.00	0	1	5477	8913	-3436
189+50	15	0.00	0.00	0	0	5477	8913	-3436
190+00	50	0.00	2.43	0	2	5477	8916	-3439
190+50	50	0.00	0.00	0	2	5477	8919	-3442
191+00	50	0.00	0.00	0	0	5477	8919	-3442
191+05	5	0.00	0.00	0	0	5477	8919	-3442
191+50	45	0.00	0.00	0	0	5477	8919	-3442
192+00	50	0.00	0.00	0	0	5477	8919	-3442
192+50	50	0.00	0.00	0	0	5477	8919	-3442
193+00	50	0.00	0.00	0	0	5477	8919	-3442
193+50	50	0.00	6.15	0	6	5477	8926	-3449
194+00	50	27.39	9.11	25	14	5502	8943	-3441
194+50	50	32.97	6.49	56	14	5558	8961	-3404
195+00	50	77.60	5.19	102	11	5660	8975	-3315
195+50	50	179.84	12.46	238	16	5899	8995	-3097
196+00	50	80.91	150.34	241	151	6140	9184	-3044
196+30	30	57.43	557.40	77	393	6217	9675	-3458
196+81	51	16.91	14.76	70	540	6287	10351	-4064
197+52	71	36.80	283.63	71	392	6358	10841	-4483

STH 67 - STA 198+00 - 227+50

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) Cut Note 1	Incremental Vol (CY) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
198+00	48	46.37	319.13	74	536	6432	11511	-5079
198+50	50	77.60	108.64	115	396	6546	12006	-5459
199+00	50	92.60	21.07	158	120	6704	12156	-5452
199+61	61	34.84	0.00	144	24	6848	12186	-5338
200+00	39	65.26	0.00	72	0	6920	12186	-5266
200+50	50	77.80	0.00	132	0	7053	12186	-5133
201+06	56	6.88	0.00	88	0	7141	12186	-5045
201+50	44	73.94	0.00	66	0	7206	12186	-4979
202+00	50	35.41	0.00	101	0	7308	12186	-4878
202+50	50	0.00	0.00	33	0	7340	12186	-4845
202+78	28	0.00	0.00	0	0	7340	12186	-4845
203+25	47	0.00	0.00	0	0	7340	12186	-4845
203+62	37	0.00	0.00	0	0	7340	12186	-4845
204+00	38	0.00	0.00	0	0	7340	12186	-4845
204+50	50	0.00	0.00	0	0	7340	12186	-4845
205+00	50	0.00	0.00	0	0	7340	12186	-4845
205+35	35	0.00	0.00	0	0	7340	12186	-4845
205+65	30	0.00	0.00	0	0	7340	12186	-4845
206+00	35	0.00	0.00	0	0	7340	12186	-4845
206+50	50	0.00	0.00	0	0	7340	12186	-4845
207+00	50	0.00	0.00	0	0	7340	12186	-4845
207+50	50	0.00	0.00	0	0	7340	12186	-4845
208+00	50	0.00	0.00	0	0	7340	12186	-4845
208+50	50	0.00	0.00	0	0	7340	12186	-4845
209+00	50	0.00	0.00	0	0	7340	12186	-4845
209+50	50	0.00	0.00	0	0	7340	12186	-4845
209+75	25	0.00	0.00	0	0	7340	12186	-4845
210+00	25	0.00	0.00	0	0	7340	12186	-4845
210+50	50	0.00	0.00	0	0	7340	12186	-4845
211+00	50	0.00	0.00	0	0	7340	12186	-4845
211+50	50	0.00	0.00	0	0	7340	12186	-4845
212+00	50	0.00	0.00	0	0	7340	12186	-4845
212+50	50	0.00	0.00	0	0	7340	12186	-4845
213+00	50	0.00	2.62	0	2	7340	12189	-4848
213+50	50	0.00	2.71	0	5	7340	12195	-4855
214+00	50	0.00	2.12	0	4	7340	12201	-4860
214+42	42	0.00	0.00	0	2	7340	12203	-4862
214+50	8	0.00	0.00	0	0	7340	12203	-4862
215+00	50	0.00	0.00	0	0	7340	12203	-4862
215+50	50	0.00	0.00	0	0	7340	12203	-4862
216+00	50	0.00	4.17	0	4	7340	12208	-4867
216+50	50	0.00	0.00	0	4	7340	12212	-4872
216+71	21	0.00	0.00	0	0	7340	12212	-4872
217+00	29	0.00	0.00	0	0	7340	12212	-4872
217+50	50	0.00	0.00	0	0	7340	12212	-4872
218+00	50	0.00	0.00	0	0	7340	12212	-4872
218+50	50	0.00	0.00	0	0	7340	12212	-4872
219+00	50	0.00	3.46	0	3	7340	12216	-4876
219+50	50	64.98	0.57	60	4	7401	12221	-4820
220+00	50	62.04	7.22	118	7	7518	12230	-4712
220+50	50	59.78	14.42	113	20	7631	12255	-4624
221+00	50	51.96	22.27	103	34	7735	12298	-4563
221+50	50	46.05	16.05	91	35	7825	12342	-4517
222+00	50	34.28	22.24	74	35	7900	12386	-4487
222+40	40	25.00	25.28	44	35	7944	12430	-4487
222+85	45	36.30	47.21	51	60	7995	12506	-4511
223+20	35	9.53	33.14	30	52	8024	12571	-4546
223+65	45	47.96	57.06	48	75	8072	12665	-4593
224+00	35	38.49	35.80	56	60	8128	12740	-4612
224+50	50	11.51	27.33	46	58	8175	12813	-4638
225+00	50	9.64	26.09	20	49	8194	12875	-4681
225+50	50	17.25	13.71	25	37	8219	12921	-4702
226+00	50	27.22	4.57	41	17	8260	12942	-4682
226+50	50	25.72	2.13	49	6	8309	12950	-4641
227+00	50	1.59	0.00	25	2	8335	12952	-4618
227+50	50	0.00	17.49	1	16	8336	12973	-4637

NOTES:

1. CUT - CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL

2. SALVAGED/UNUSABLE PAVEMENT MATERIAL - THIS DOES NOT SHOW UP IN CROSS SECTIONS.

3. FILL - DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL

4. MASS ORDINATE - PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STATION RANGE, MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STATION RANGE.

STH 67 - STA 228+00 - 258+50

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) Cut Note 1	Incremental Vol (CY) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
228+00	50	0.00	0.00	0	16	8336	12993	-4657
228+19	19	0.00	5.11	0	2	8336	12995	-4659
228+50	31	0.00	0.00	0	3	8336	12999	-4663
229+00	50	0.00	0.00	0	0	8336	12999	-4663
229+50	50	0.00	0.00	0	0	8336	12999	-4663
230+00	50	0.00	0.00	0	0	8336	12999	-4663
230+18	18	0.00	0.00	0	0	8336	12999	-4663
230+50	32	0.00	0.00	0	0	8336	12999	-4663
231+00	50	0.00	0.00	0	0	8336	12999	-4663
231+50	50	0.00	0.00	0	0	8336	12999	-4663
232+00	50	0.00	0.00	0	0	8336	12999	-4663
232+50	50	0.00	0.00	0	0	8336	12999	-4663
233+00	50	0.00	0.00	0	0	8336	12999	-4663
233+50	50	0.00	0.00	0	0	8336	12999	-4663
234+00	50	0.00	0.00	0	0	8336	12999	-4663
234+50	50	0.00	0.00	0	0	8336	12999	-4663
235+00	50	0.00	0.00	0	0	8336	12999	-4663
235+50	50	0.00	0.00	0	0	8336	12999	-4663
236+00	50	0.00	0.00	0	0	8336	12999	-4663
236+50	50	0.00	0.00	0	0	8336	12999	-4663
237+00	50	0.00	0.00	0	0	8336	12999	-4663
237+45	45	0.00	18.46	0	15	8336	13018	-4682
237+50	5	0.00	23.38	0	4	8336	13023	-4687
238+00	50	29.69	0.39	27	22	8364	13050	-4687
238+50	50	26.68	0.00	52	0	8416	13051	-4635
239+20	70	0.00	0.00	35	0	8450	13051	-4600
239+50	30	45.89	0.00	25	0	8476	13051	-4575
240+00	50	63.54	0.00	101	0	8577	13051	-4474
240+50	50	69.56	0.00	123	0	8700	13051	-4350
241+00	50	19.63	1.05	83	1	8783	13052	-4269
241+50	50	54.90	1.22	69	2	8852	13055	-4203
242+00	50	54.02	3.45	101	4	8953	13060	-4107
242+50	50	65.00	3.40	110	6	9063	13068	-4005
243+00	50	64.35	5.51	120	8	9183	13078	-3896
243+50	50	75.57	4.14	130	9	9312	13089	-3777
244+00	50	107.18	0.00	169	4	9482	13094	-3613
244+50	50	92.95	0.00	185	0	9667	13094	-3427
245+00	50	90.17	0.00	170	0	9836	13094	-3258
245+50	50	80.32	0.00	158	0	9994	13094	-3100
246+00	50	91.28	0.76	159	1	10153	13095	-2942
246+50	50	118.15	0.00	194	1	10347	13096	-2749
247+00	50	128.49	0.21	228	0	10575	13096	-2521
247+50	50	155.86	0.00	263	0	10839	13096	-2258
248+00	50	164.14	0.00	296	0	11135	13096	-1961
248+50	50	48.70	3.85	197	4	11332	13101	-1769
249+00	50	93.28	18.64	131	21	11464	13127	-1663
249+60	60	0.00	0.00	104	21	11567	13153	-1586
250+10	50	144.46	0.00	134	0	11701	13153	-1452
250+50	40	72.01	0.00	160	0	11861	13153	-1292
251+00	50	35.91	5.81	100	5	11961	13160	-1198
251+30	30	0.00	0.00	20	3	11981	13164	-1182
251+65	35	29.49	14.94	19	10	12000	13176	-1175
252+00	35	30.75	21.59	39	24	12039	13205	-1166
252+50	50	30.25	30.62	56	48	12096	13266	-1170
253+00	50	26.61	38.23	53	64	12148	13345	-1197
253+50	50	22.74	53.88	46	85	12194	13452	-1258
254+06	56	15.90	26.64	40	84	12234	13556	-1322
254+50	44	32.11	66.88	39	76	12273	13652	-1378
255+00	50	33.20	74.46	60	131	12334	13815	-1481
255+50	50	26.90	66.98	56	131	12389	13979	-1589
256+00	50	24.28	57.33	47	115	12437	14123	-1686
256+45	45	69.14	39.23	78	80	12515	14223	-1709
256+92	47	11.61	31.12	70	61	12585	14300	-1715
257+40	48	75.93	20.80	78	46	12663	14358	-1695
257+59	19	18.71	23.74	33	16	12696	14377	-1681
258+00	41	15.70	11.37	26	27	12722	14411	-1688
258+50	50	16.18	5.09	30	15	12752	14430	-1678

STH 67 - STA 259+00 - 291+35

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) Cut Note 1	Incremental Vol (CY) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
259+00	50	19.23	1.07	33	6	12785	14437	-1652
259+50	50	24.32	0.00	40	1	12825	14438	-1613
260+00	50	27.08	0.00	48	0	12872	14438	-1566
260+85	85	0.00	0.00	0	0	12872	14438	-1523
261+50	65	0.00	2.92	0	4	12872	14442	-1527
262+00	50	61.74	11.72	57	14	12930	14459	-1487
262+50	50	57.39	70.29	110	76	13040	14554	-1472
263+00	50	58.42	8.29	107	73	13147	14645	-1455
263+50	50	103.60	77.65	150	80	13297	14745	-1405
264+00	50	56.79	204.22	149	261	13446	15071	-1583
264+50	50	53.59	122.43	102	302	13548	15449	-1858
265+00	50	57.79	17.36	103	129	13651	15611	-1917
265+50	50	62.62	2.41	111	18	13763	15634	-1828
266+00	50	65.30	0.71	118	3	13881	15637	-1714
266+50	50	30.36	3.07	89	4	13970	15642	-1629
266+75	25	23.36	5.95	25	4	13994	15647	-1610
268+00	125	20.59	55.50	102	142	14096	15825	-1686
268+50	50	45.84	5.47	62	56	14158	15895	-1695
269+00	50	63.97	28.20	102	31	14259	15934	-1632
269+50	50	61.20	105.22	116	124	14375	16089	-1671
270+00	50	60.17	79.69	112	171	14488	16303	-1772
270+70	70	62.57	0.00	159	103	14647	16432	-1742
271+50	80	14.53	0.00	114	0	14761	16432	-1628
271+81	31	44.15	0.00	34	0	14795	16432	-1594
272+10	29	68.87	0.00	61	0	14855	16432	-1534
272+50	40	175.10	0.00	181	0	15036	16432	-1353
273+00	50	190.64	13.73	339	13	15375	16448	-1030
273+50	50	253.08	15.32	411	27	15786	16481	-653
274+00	50	252.48	15.55	468	29	16254	16517	-221
274+50	50	215.62	14.99	433	28	16687	16552	177
275+00	50	178.02	13.26	364	26	17052	16585	509
275+35	35	234.22	8.97	267	14	17319	16603	758
275+99	64	15.67	0.00	296	11	17615	16616	1041
276+20	21	1.56	0.00	7	0	17622	16616	1048
276+50	30	70.47	0.00	40	0	17662	16616	1088
277+00	50	20.83	21.90	85	20	17746	16642	1147
277+50	50	22.82	26.80	40	45	17787	16698	1131
278+00	50	24.82	30.86	44	53	17831	16765	1109
278+50	50	19.61	29.28	41	56	17872	16834	1080
279+00	50	0.00	37.26	18	62	17890	16911	1021
279+50	50	0.00	29.16	0	62	17890	16988	944
280+00	50	0.00	25.44	0	51	17890	17051	881
280+50	50	15.83	12.35	15	35	17905	17095	852
281+00	50	18.23	13.55	32	24	17936	17125	854
281+50	50	17.20	18.40	33	30	17969	17162	849
282+00	50	18.87	6.66	33	23	18002	17191	854
282+50	50	34.52	0.00	49	6	18052	17199	896
282+80	30	120.78	0.00	86	0	18138	17199	982
283+23	43	3.14	0.00	99	0	18237	17199	1081
284+10	87	18.85	9.56	35	15	18272	17218	1097
284+50	40	0.00	11.14	14	15	18286	17237	1091
285+00	50	0.00	17.57	0	27	18286	17271	1058
285+50	50	0.00	24.44	0	39	18286	17319	1010
286+00	50	0.00	16.42	0	38	18286	17366	962
286+50	50	0.00	10.02	0	24	18286	17397	932
287+00	50	0.00	12.25	0	21	18286	17423	906
287+50	50	0.00	21.01	0	31	18286	17461	867
288+00	50	0.00	16.45	0	35	18286	17505	824
288+50	50	0.00	10.59	0	25	18286	17536	793
289+00	50	0.00	4.31	0	14	18286	17553	776
289+50	50	0.00	0.00	0	4	18286	17558	771
290+00	50	80.64	0.00	75	0	18361	17558	845
290+55	55	19.56	0.00	102	0	18463	17558	947
291+00	45	84.23	0.00	86	0	18549	17558	1034
291+35	35	20.92	7.43	68	5	18618	17564	1096
				18618	14051			

NOTES:

1. CUT - CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL

2. SALVAGED/UNUSABLE PAVEMENT MATERIAL - THIS DOES NOT SHOW UP IN CROSS SECTIONS.

3. FILL - DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL

4. MASS ORDINATE - PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STATION RANGE, MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STATION RANGE.

THEATRE ROAD

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
16+50		0.00	2.98	0	0	0	0	0
17+00	50	0.19	63.21	0	61	0	77	-76
17+50	50	0.00	153.59	0	201	0	328	-327
18+00	50	0.00	227.54	0	353	0	769	-768
18+50	50	0.00	285.64	0	475	0	1363	-1362
19+00	50	3.85	340.35	4	580	4	2087	-2083
				4	1670			

TOWN HALL / PALMER ROAD

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
18+43		4.33	6.75	0	0	0	0	0
19+00	57	0.00	68.04	5	79	5	99	-94
19+50	50	0.90	163.90	1	215	5	367	-362
20+00, STH 67		0.00	0.00	0	0	5	367	-362
20+50		52.54	156.39	0	0	5	367	-362
21+00	50	4.48	9.99	53	154	58	560	-501
21+38	38	0.00	21.43	3	22	61	587	-526
				61	470			

WILLOW BEND ROAD

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
0+00		0.0	0.0	0	0	0	0	0
0+50	50	0.0	123.6	0	114	0	143	-143
0+89	39	0.0	17.1	0	102	0	270	-270
1+00	11	0.0	15.4	0	7	0	278	-278
1+50	50	0.0	2.0	0	16	0	299	-299
				0	239			

NOTES:

1. CUT - CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL

2. SALVAGED/UNUSABLE PAVEMENT MATERIAL - THIS DOES NOT SHOW UP IN CROSS SECTIONS.

3. FILL - DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL

4. MASS ORDINATE - PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STATION RANGE, MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STATION RANGE.

MOUND ROAD / REMER ROAD

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
18+34		0.00	0.00	0	0	0	0	0
18+50	16	3.38	0.00	1	0	1	0	1
19+00	50	14.60	11.84	17	11	18	14	4
19+50		23.96	8.01					
20+00, STH 67		0.00	0.00	0	0	18	14	4
20+50		22.94	7.71	0	0	18	14	4
21+00	50	0.00	0.82	21	8	39	24	15
21+50	50	0.00	0.07	0	1	39	25	14
21+52	2	0.00	0.00	0	0	39	25	14
				39	20			

GRANT STREET

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 4
00+00		0.0	0.0	0	0	0	0	0
00+50	50	0.0	8.4	0	8	0	10	-10
01+00	50	0.2	2.4	0	10	0	22	-22
01+50	50	0.0	4.2	0	6	0	30	-29
01+70	20	0.0	3.1	0	3	0	33	-33
02+00	30	0.9	0.0	0	2	1	35	-35
				1	28			

MORRISSEY DRIVE

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 8
00+00		0.0	0.0	0	0	0	0	0
00+50	50	0.9	3.7	1	3	1	4	-3
01+00	50	1.2	2.2	2	5	3	11	-8
01+50	50	1.5	0.0	2	2	5	14	-8
01+63	13	1.8	0.0	1	0	6	14	-8
				6	11			

NOTES:

1. CUT - CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL

2. SALVAGED/UNUSABLE PAVEMENT MATERIAL - THIS DOES NOT SHOW UP IN CROSS SECTIONS.

3. FILL - DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL

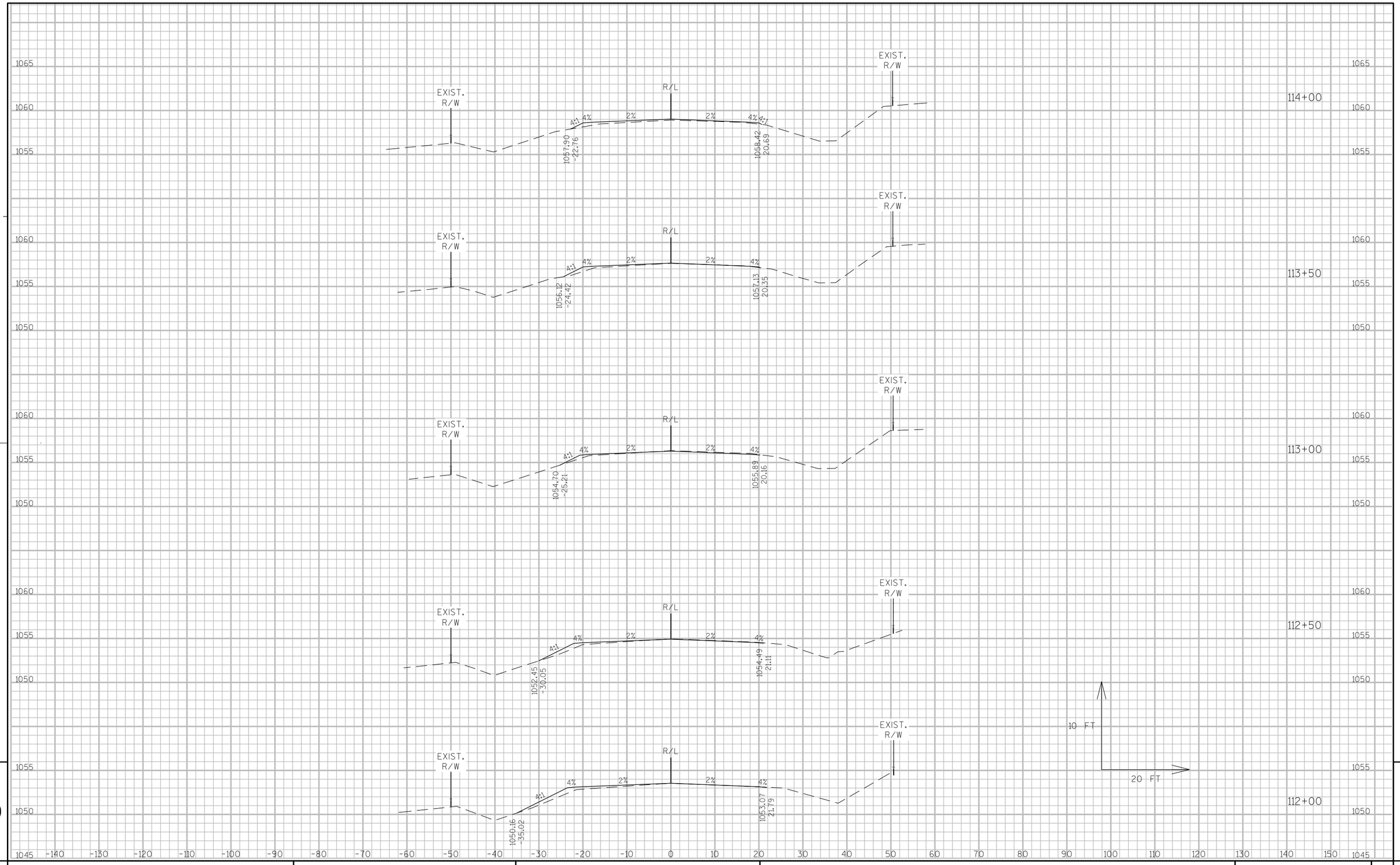
4. MASS ORDINATE - PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STATION RANGE, MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STATION RANGE.

OCONNER DRIVE

STATION	Distance	AREA (SF) Cut	AREA (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut Note 1	Incremental Vol (CY) (Unadjusted) Fill Note 3	Cumulative Vol (CY) Cut 1.00 Note 1	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate Note 8
0+92		0.00	0.94	0	0	0	0	0
1+00	8	0.00	1.05	0	0	0	0	0
1+50	50	1.82	0.21	2	1	2	2	0
20+00-20+50, STH 67		0.00	0.00	0	0	2	2	0
3+00		3.62	0.00	0	0	2	2	0
3+43	43	0.00	0.00	3	0	5	2	3
				5	1			

COMMERCE COURT/DRIVE

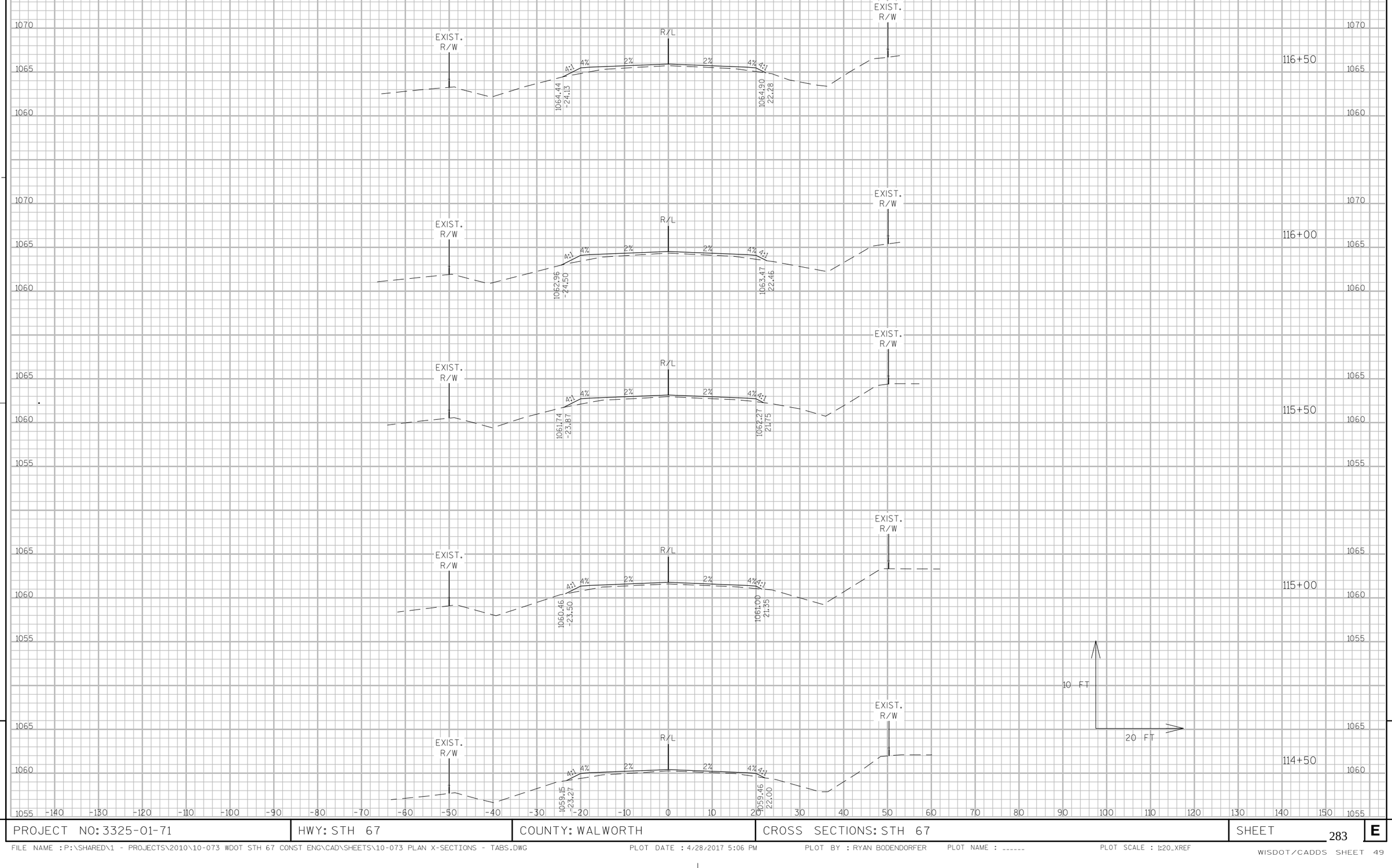
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1+68		0.00	0	0	0	0	0	0
2+00	32	0.91	0	1	0	1	0	0
2+50	50	4.09	0	5	0	5	0	5
3+00, STH 67		0.00	0.00	0	0	5	0	5
3+50		0.00	5.30	0	0	5	0	5
3+78	28	1.66	0.17	1	3	6	4	2
4+00	22	1.28	0.00	1	0	7	4	3
4+22	22	0.00	0.00	1	0	8	4	4
				8	3			



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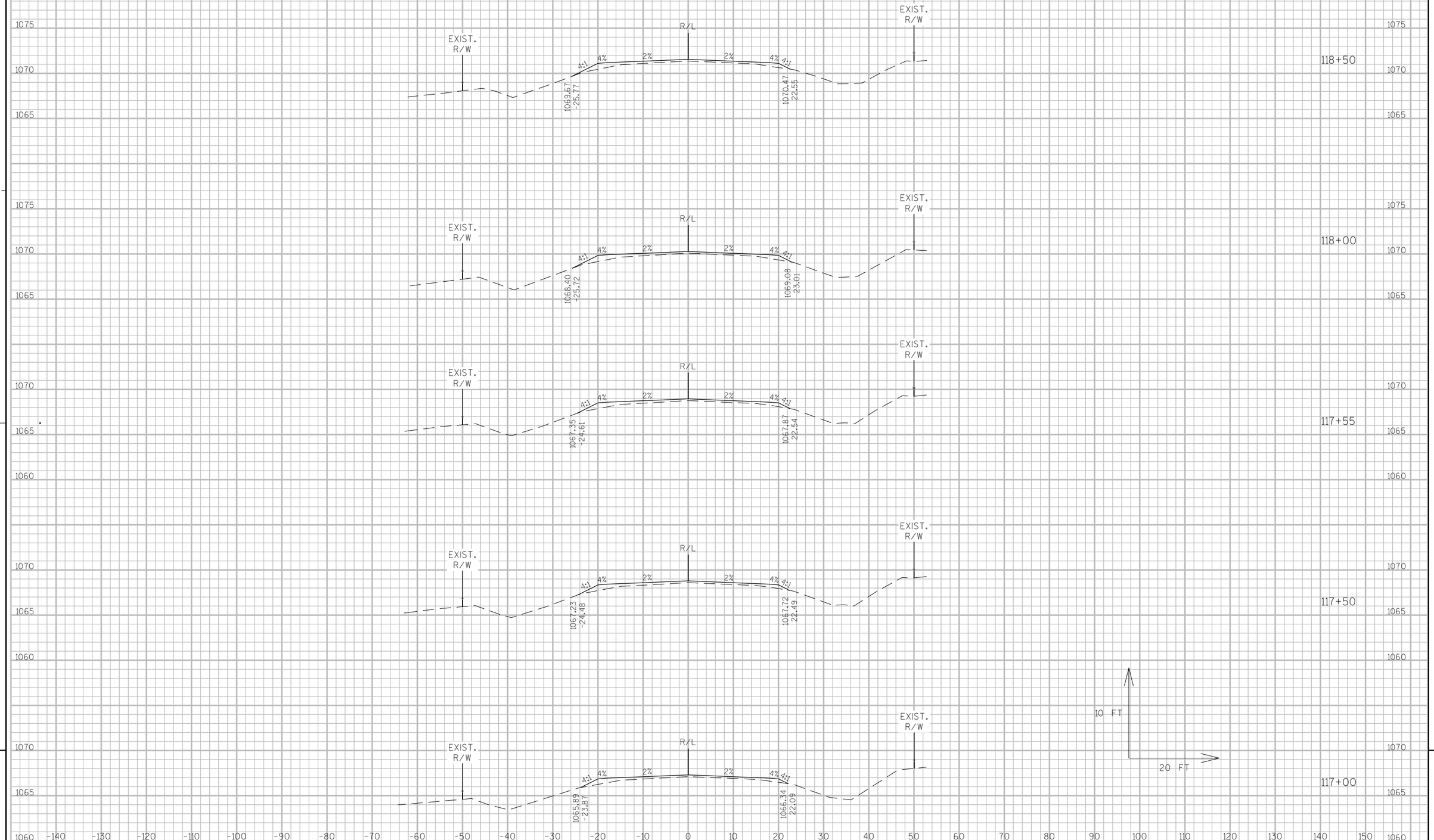
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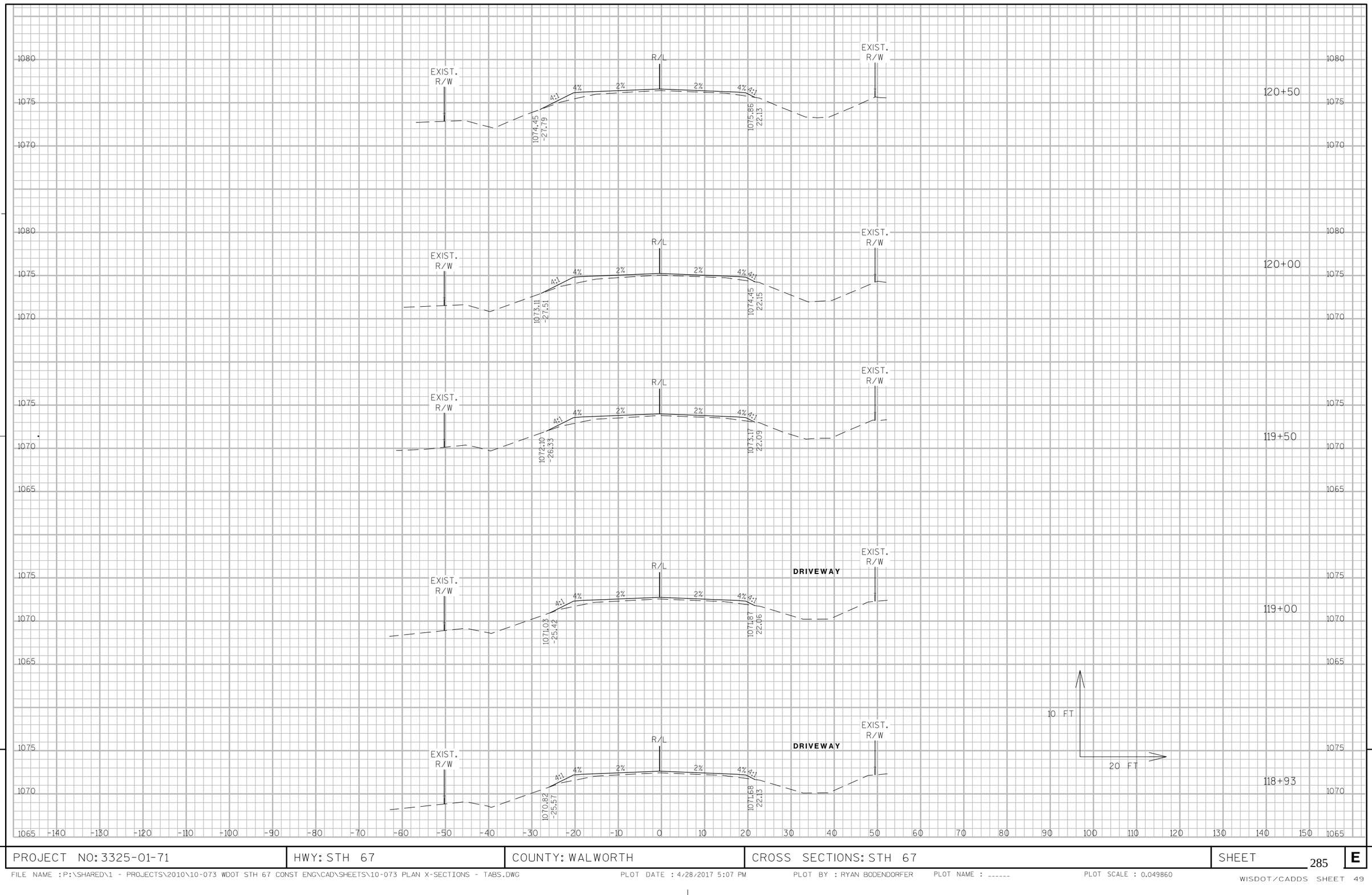
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 284	E

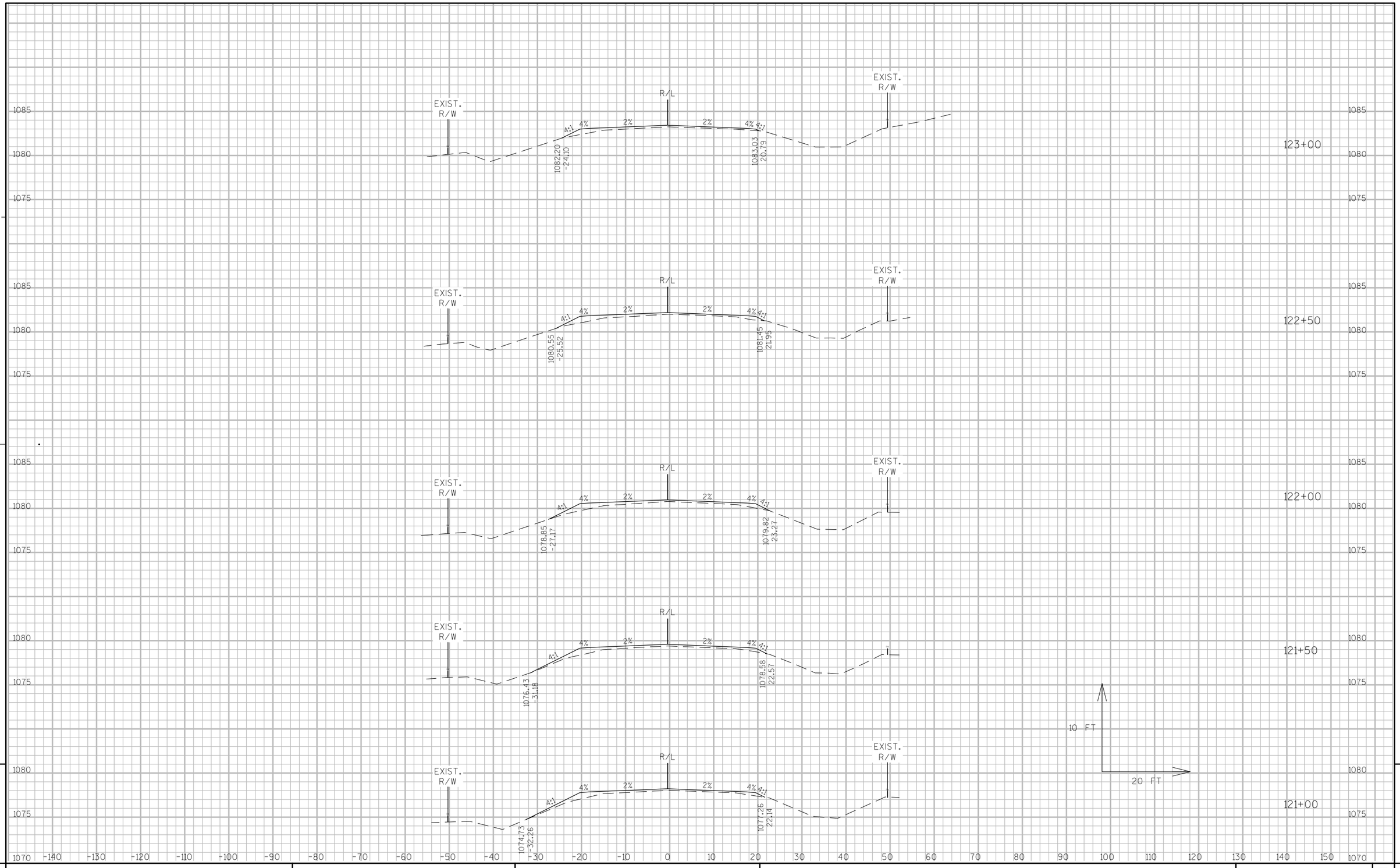


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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 285	E

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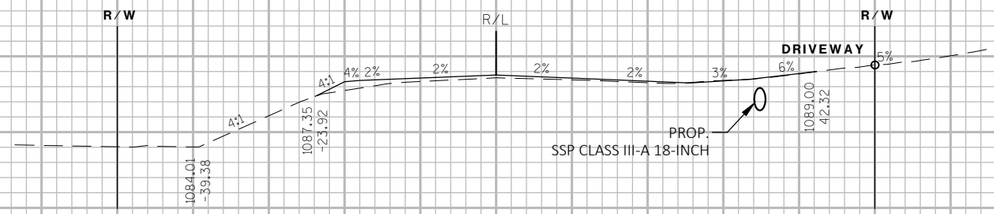
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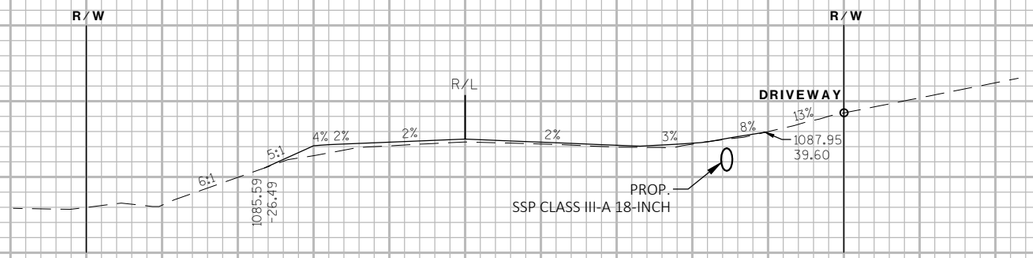
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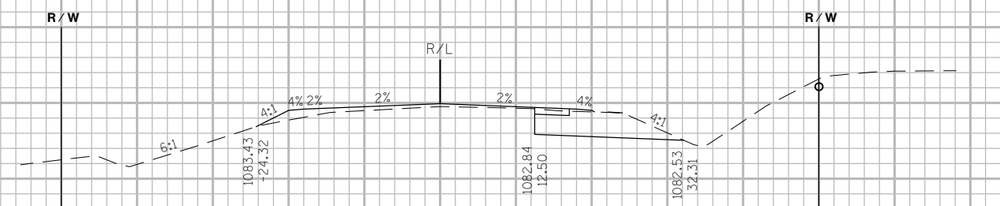


124+90



124+45

124+00



123+50

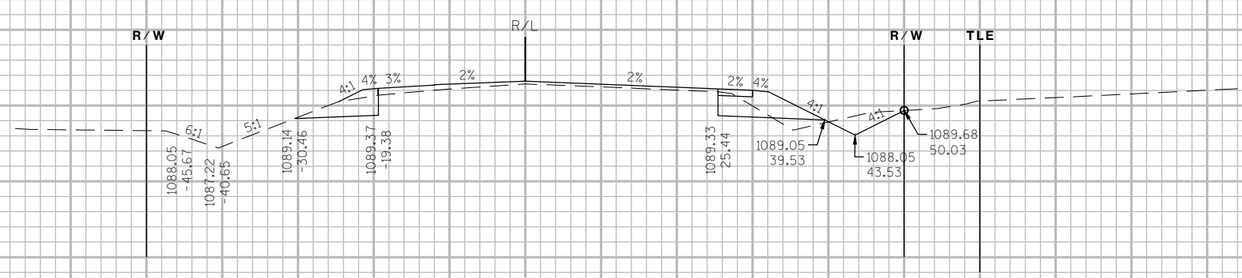
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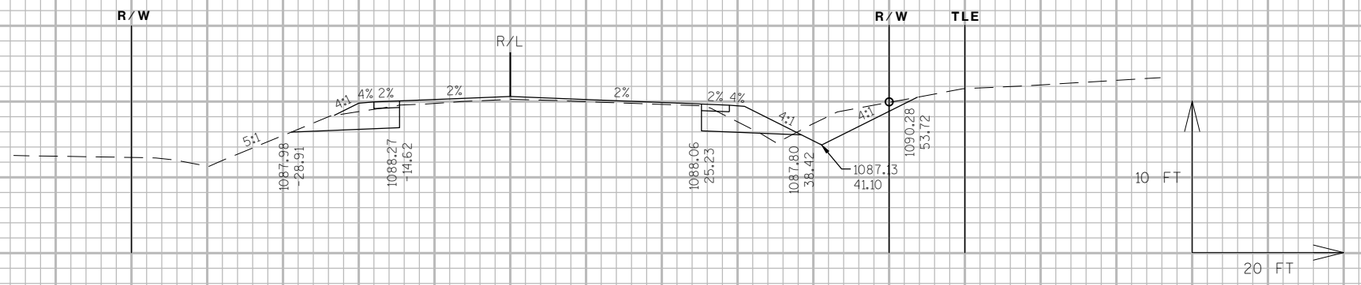
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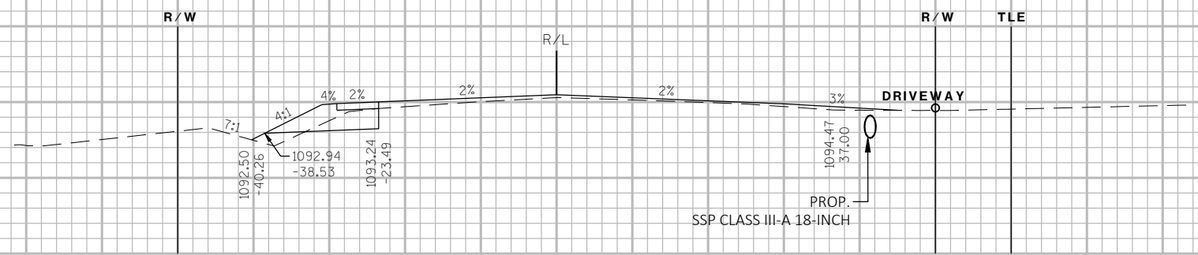
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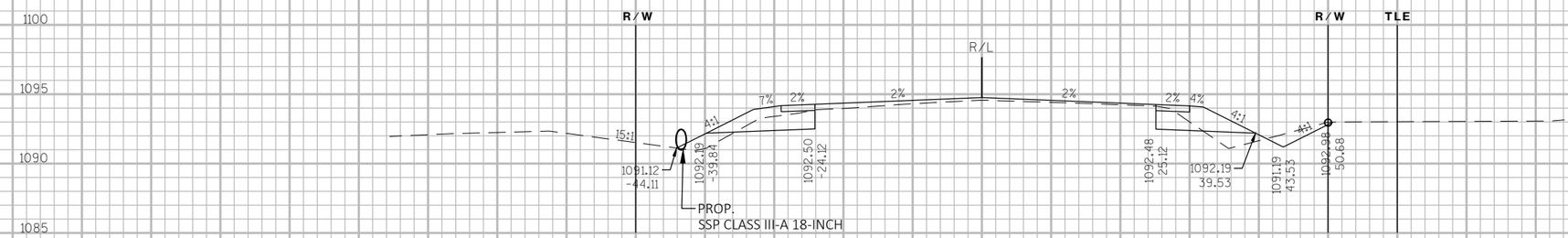
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 288	E

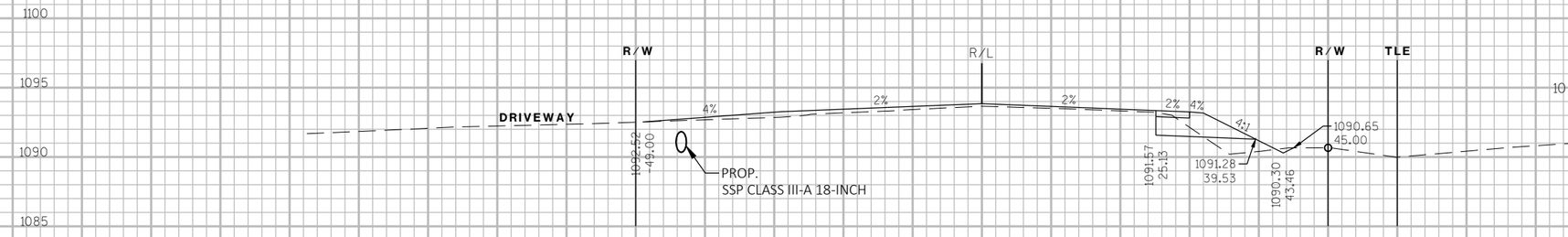

R/W
R/L
R/W
TLE
126+50
1088.87
-42.27
1090.18
-37.04
1090.39
-24.00
1090.36
25.28
1090.08
39.53
1089.08
43.53
1089.85
46.62
4%
2%
4:1
5:1


R/W
R/L
R/W
TLE
126+00
1088.05
-45.67
1087.22
-40.65
1089.14
-30.46
1089.37
-19.38
1089.33
25.44
1089.05
39.53
1088.05
43.53
1089.68
50.03
4%
3%
2%
4:1
5:1
6:1


R/W
R/L
R/W
TLE
125+50
1087.98
28.91
1088.27
-14.62
1088.06
25.23
1087.80
38.42
1087.13
41.10
1090.28
53.72
4%
2%
4:1
5:1
10 FT
20 FT



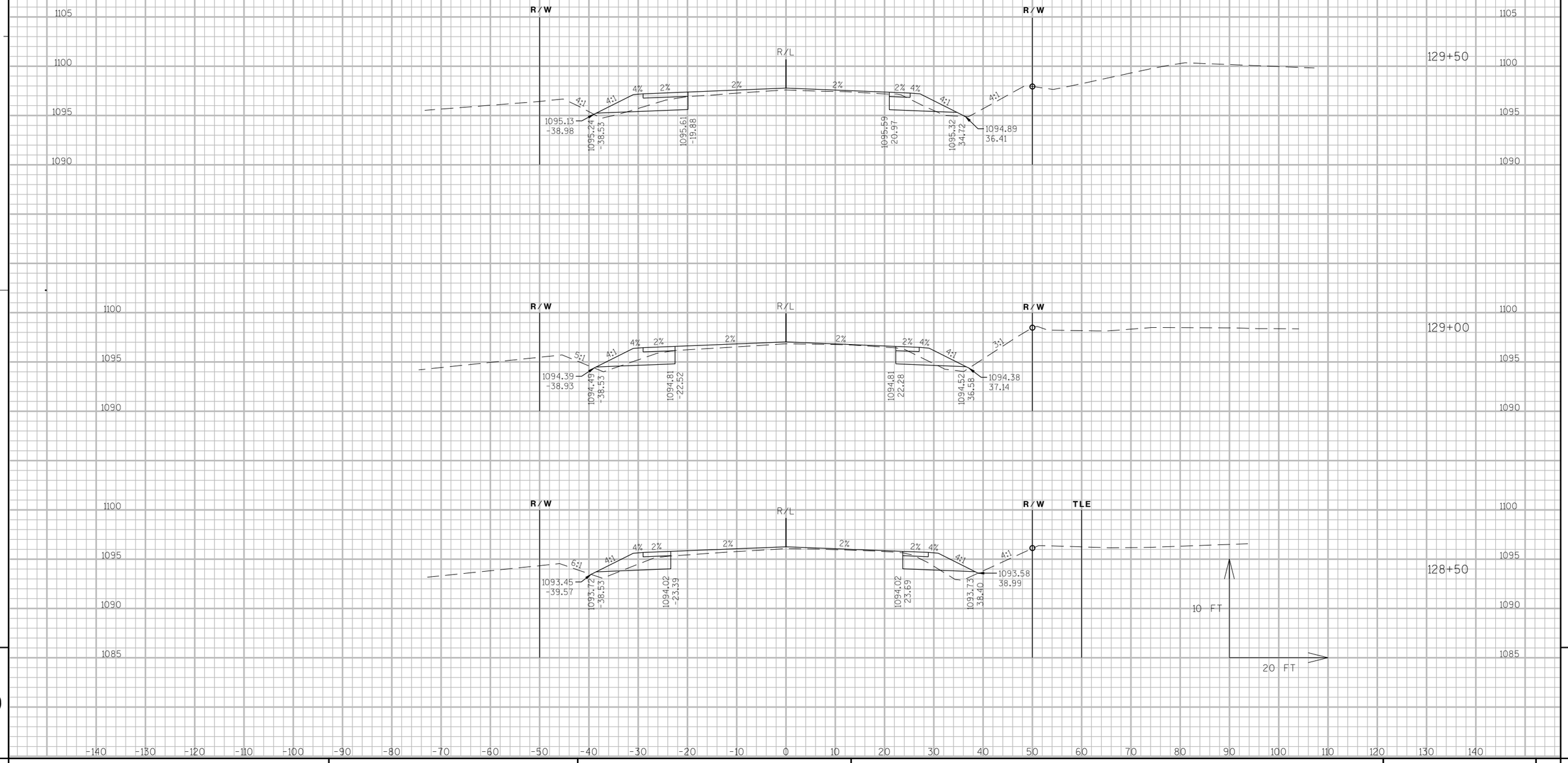




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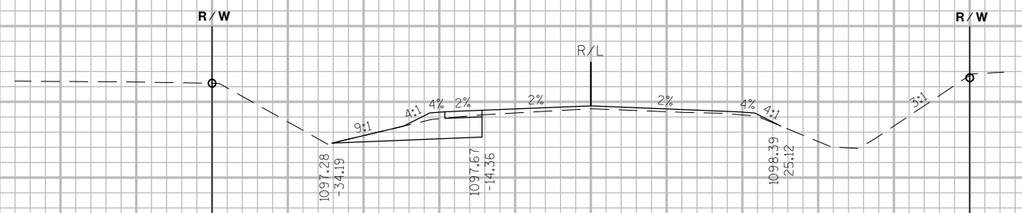
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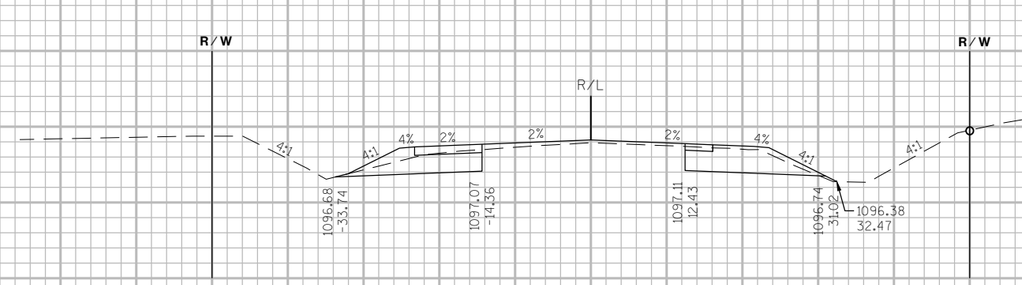


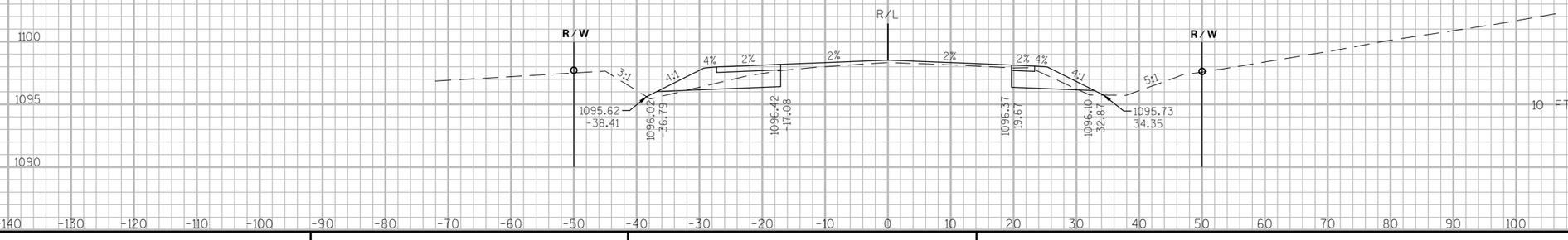
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 291	E



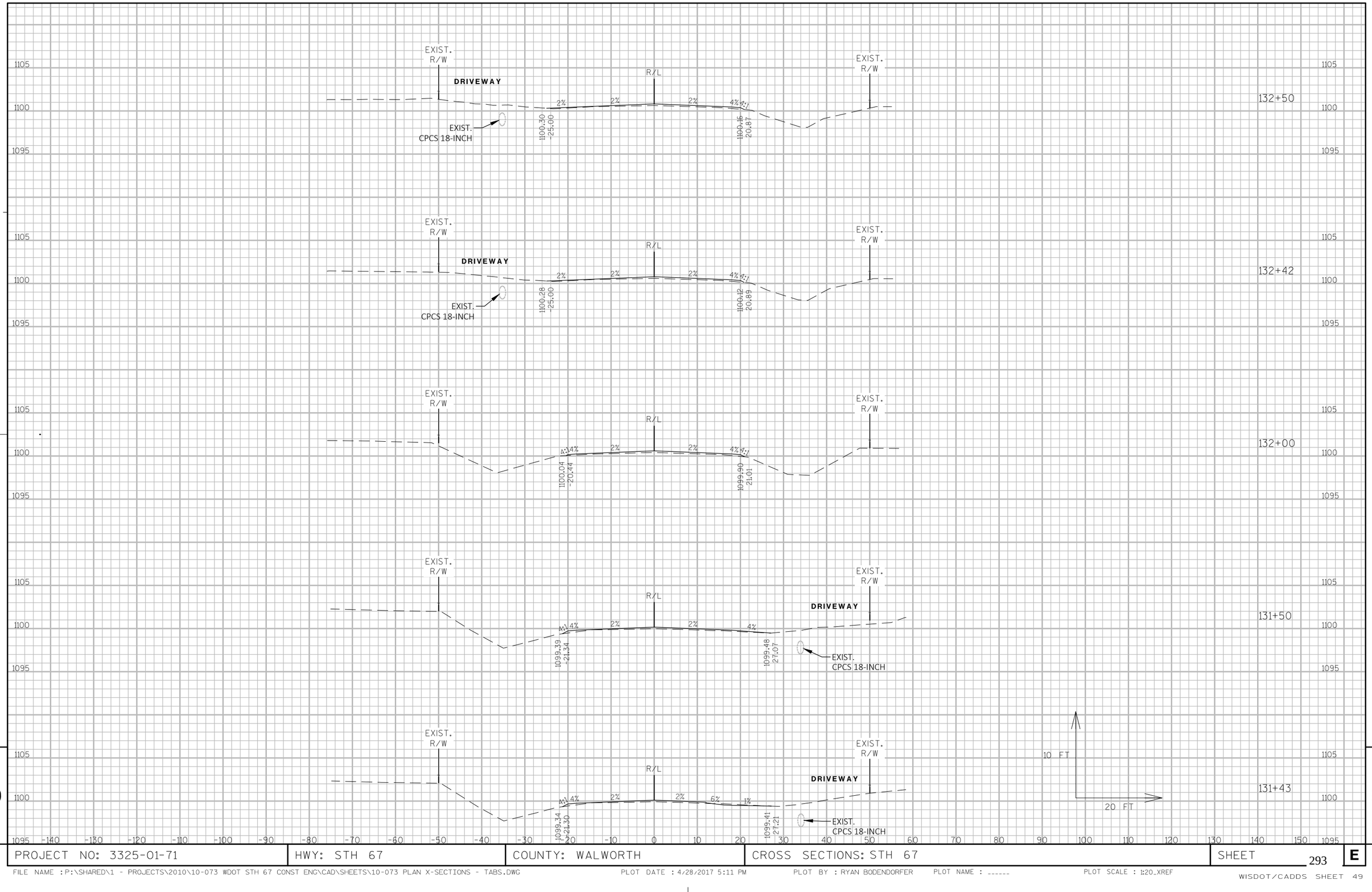




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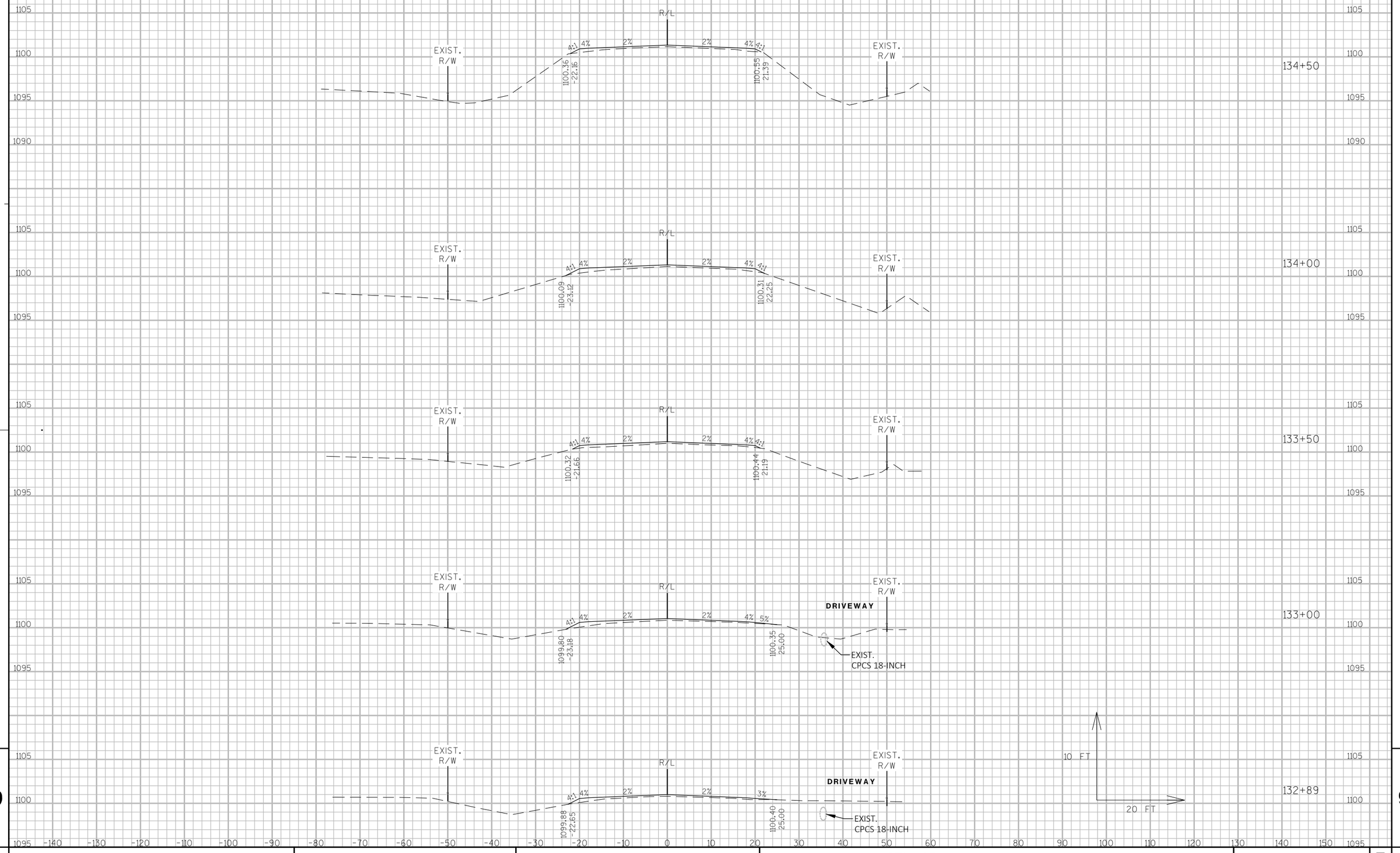
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 292	E



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 293	E

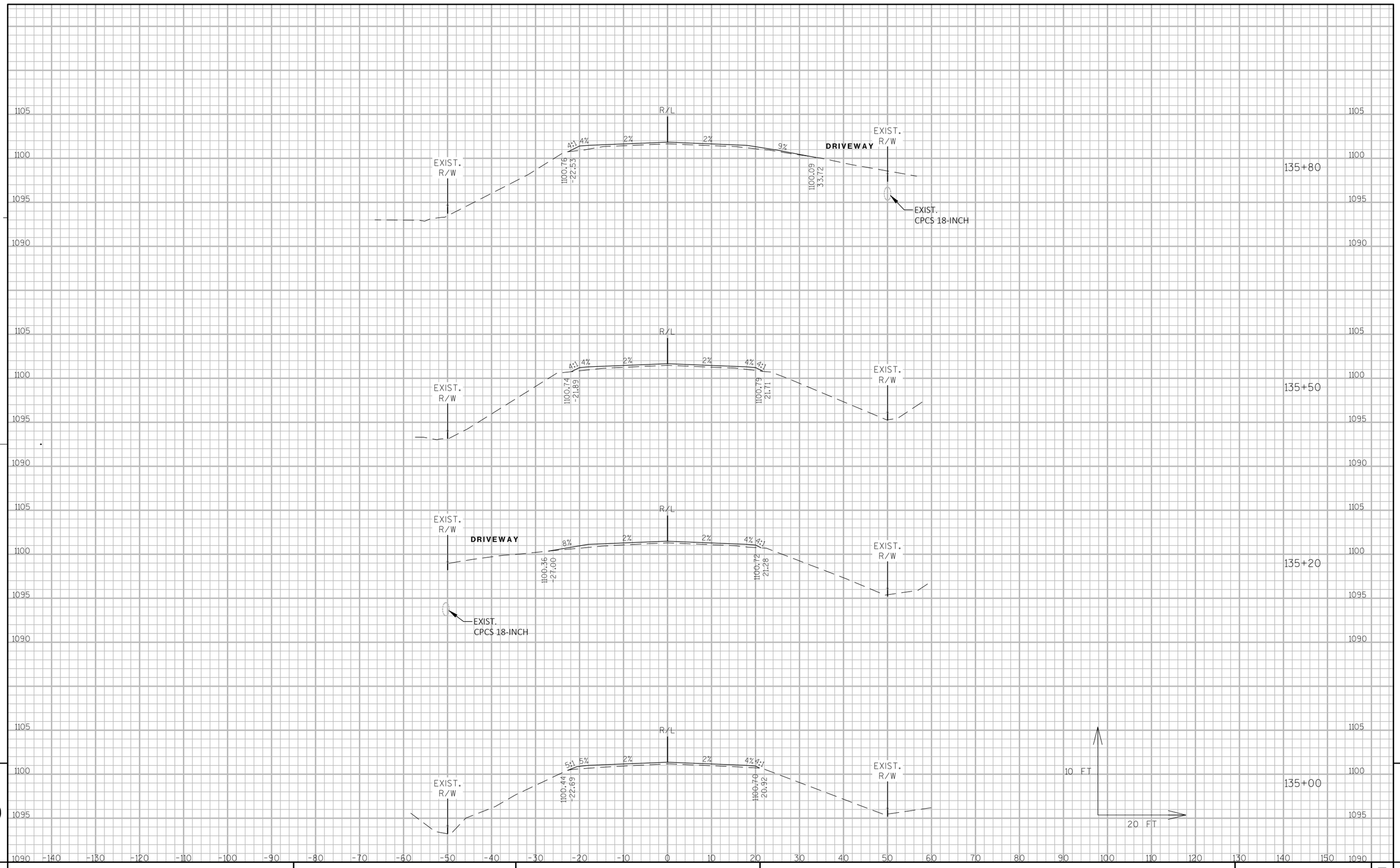


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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 294	E

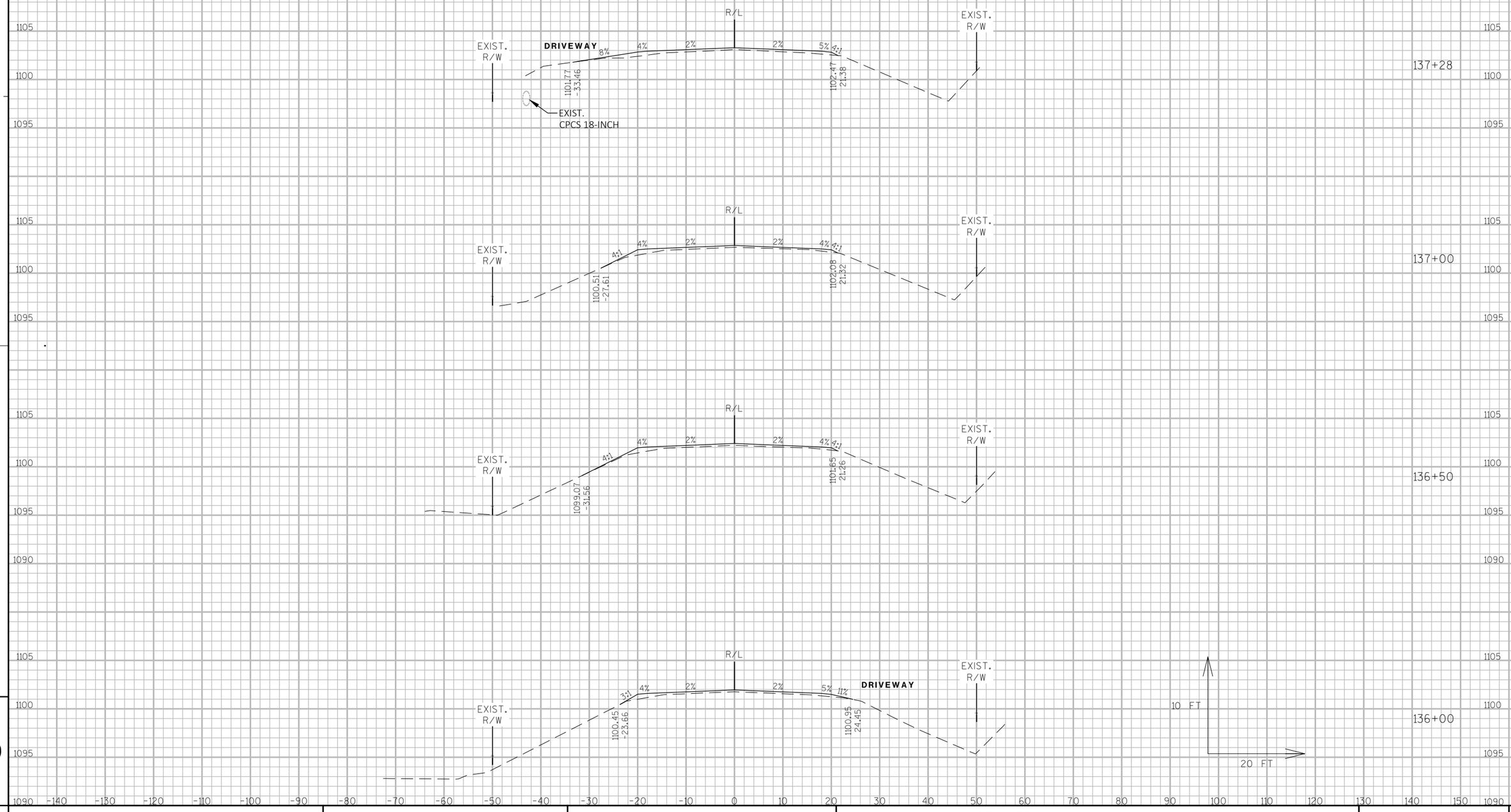
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:11 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF



9

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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 295	E



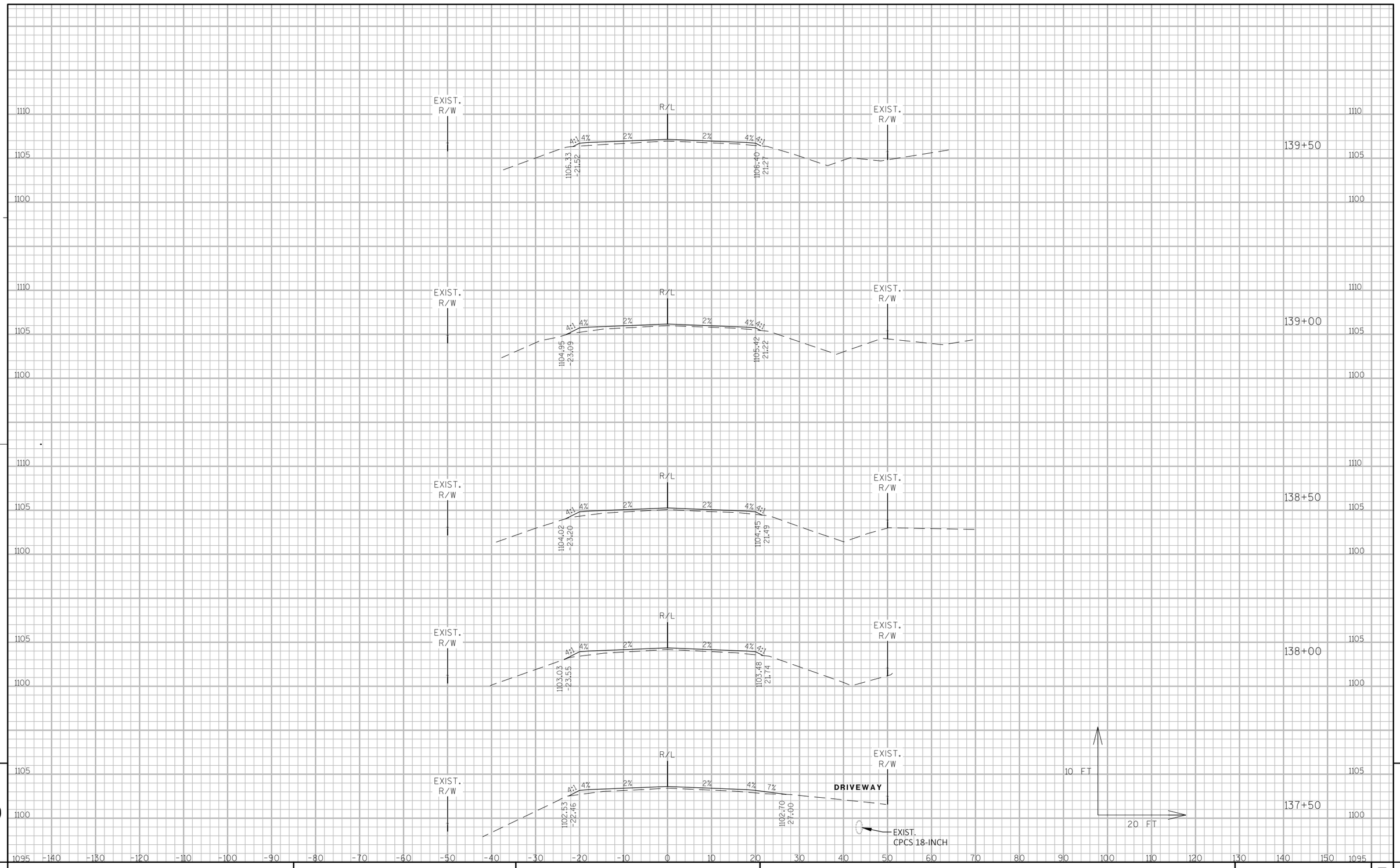
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 296	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:12 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

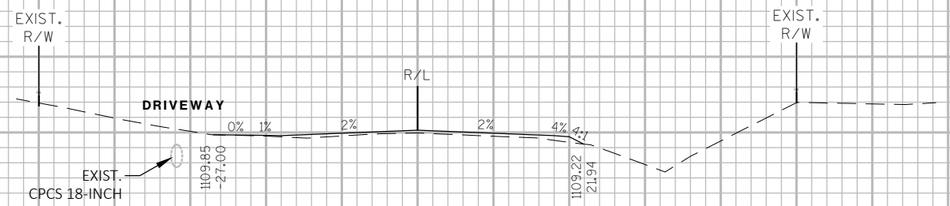
WISDOT/CADDS SHEET 49



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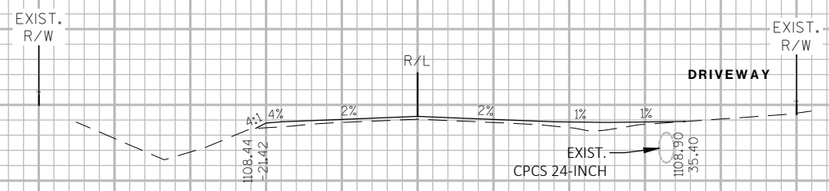
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 297	E



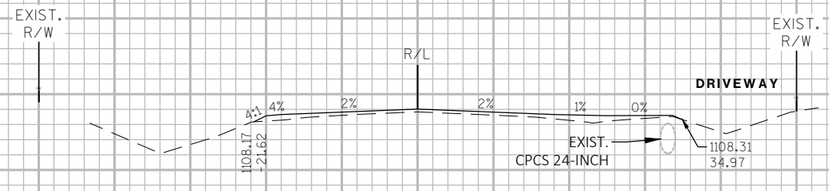
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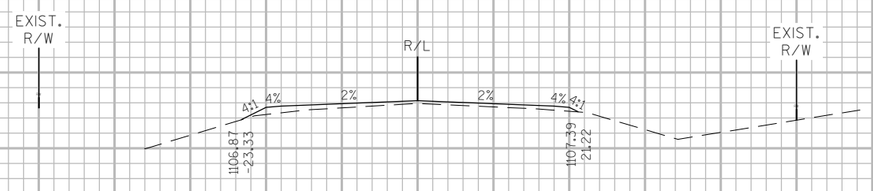
141+00



140+63



140+50

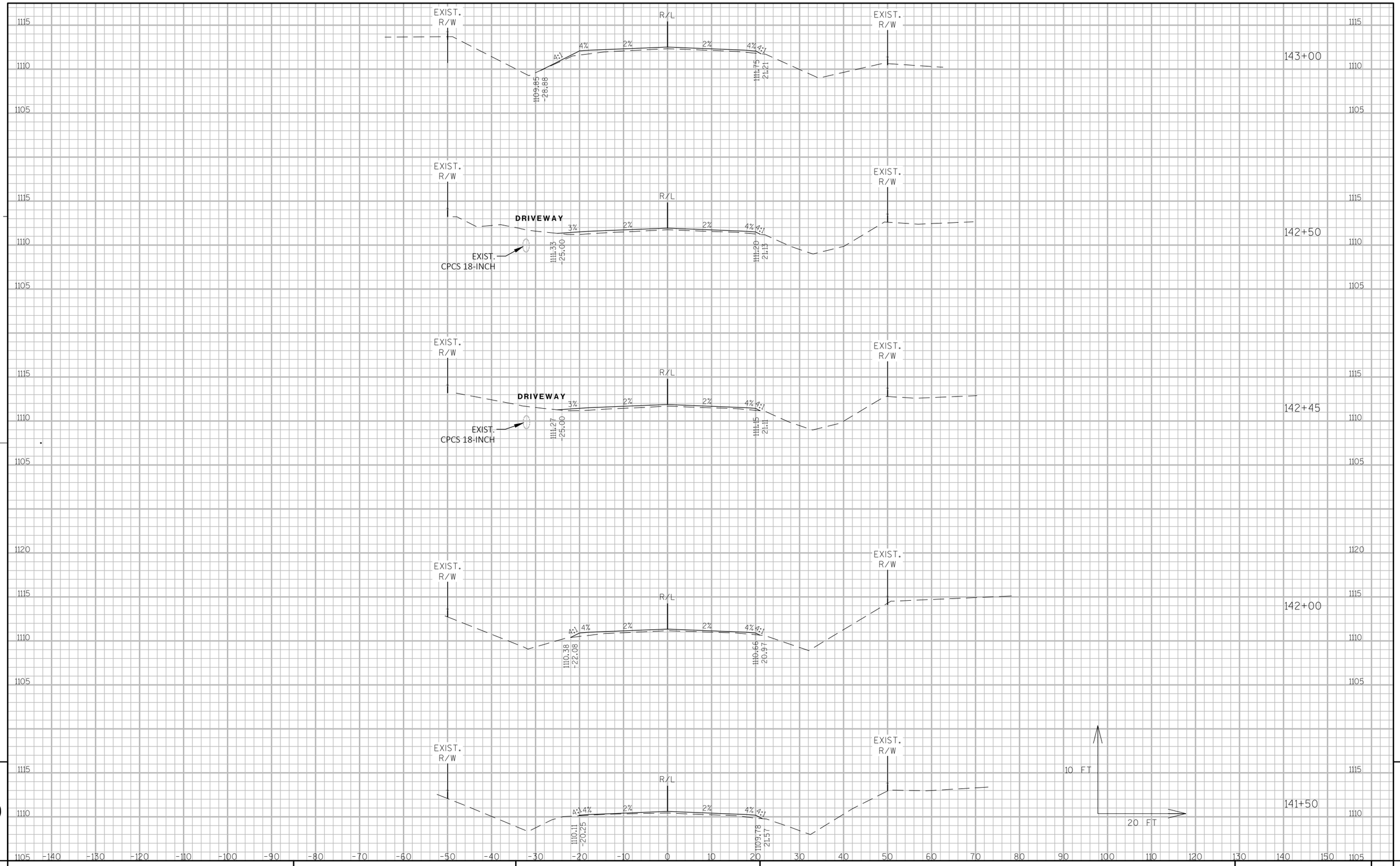


140+00

9

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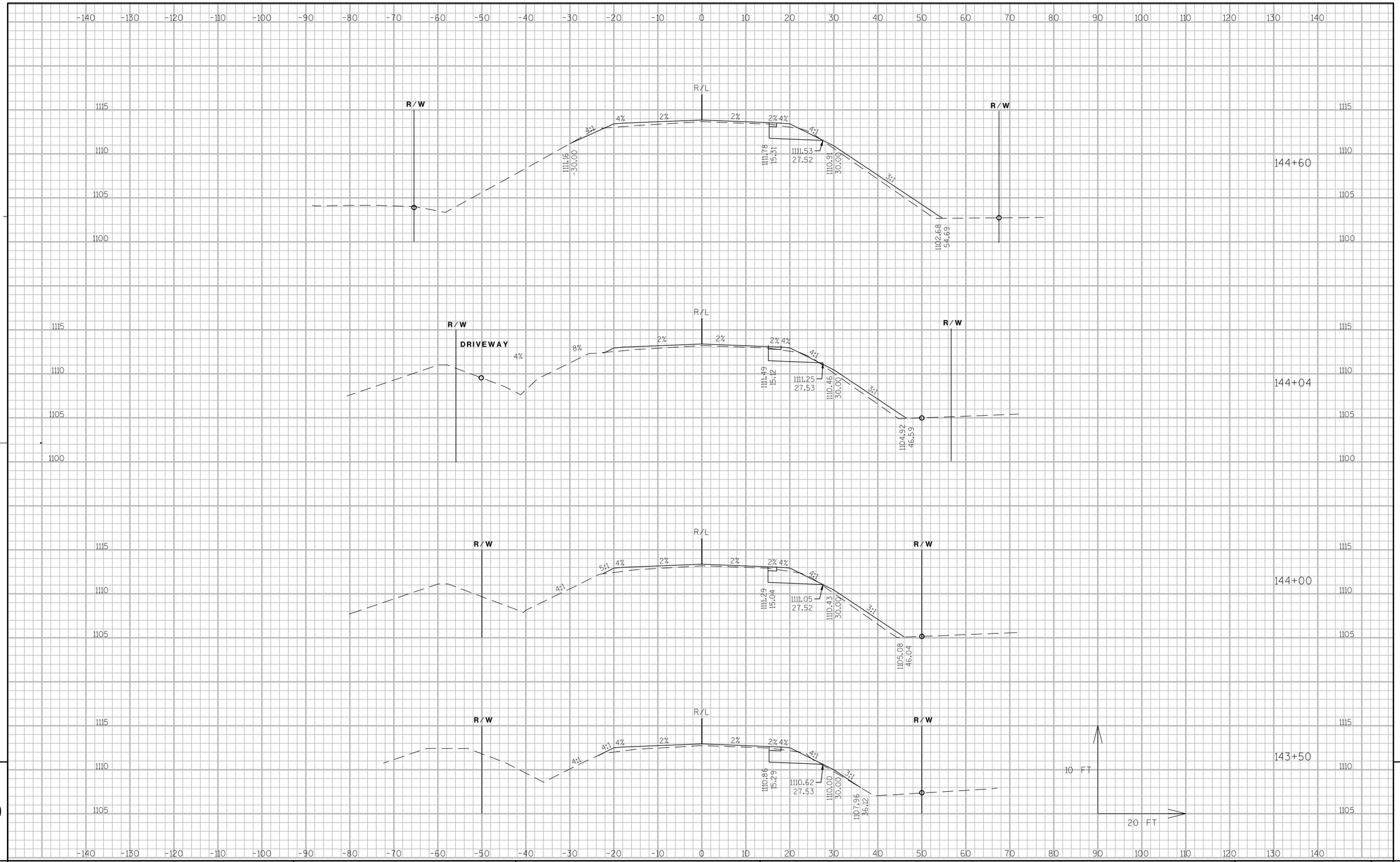
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 298	E



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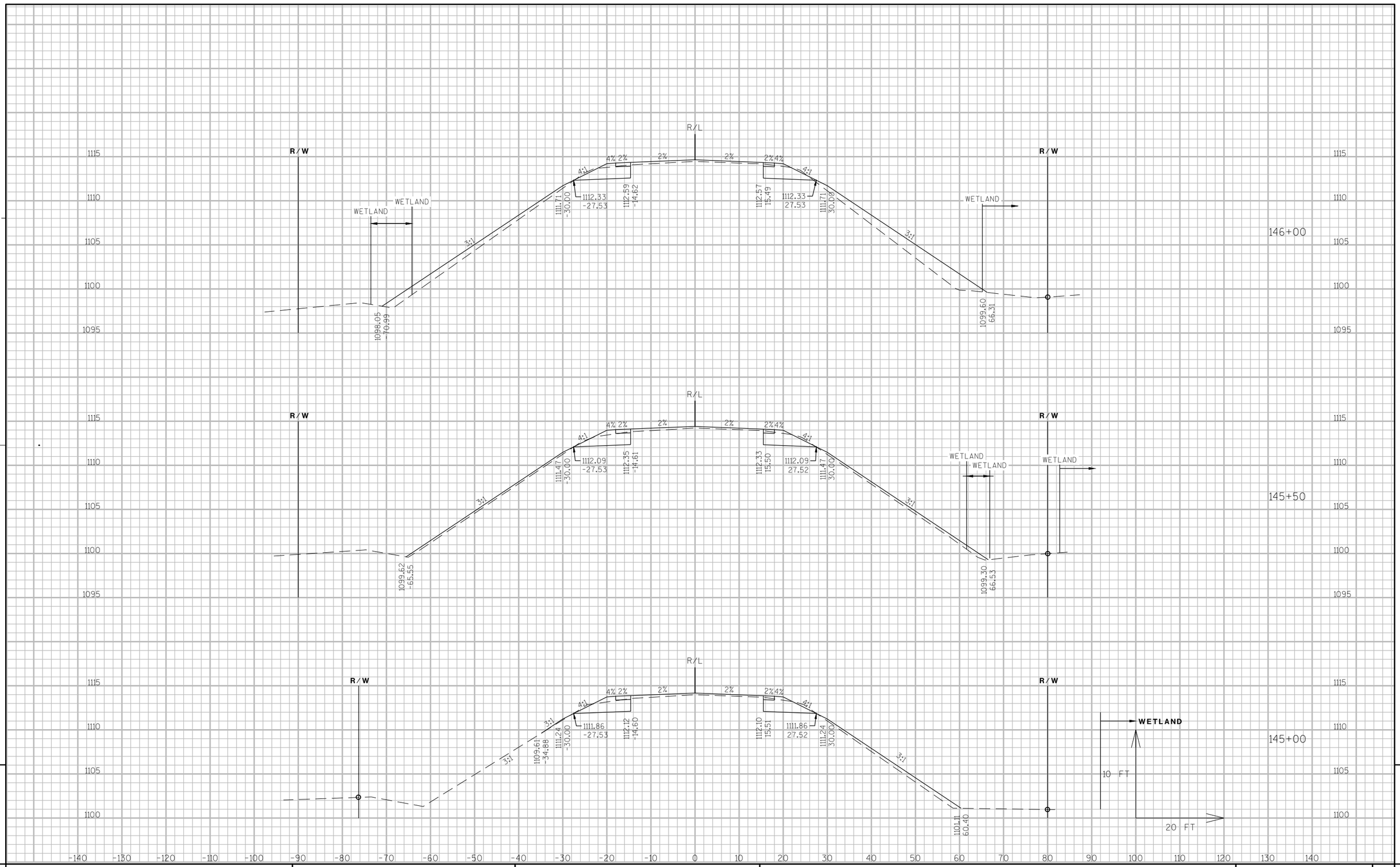
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 299	E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 300	E

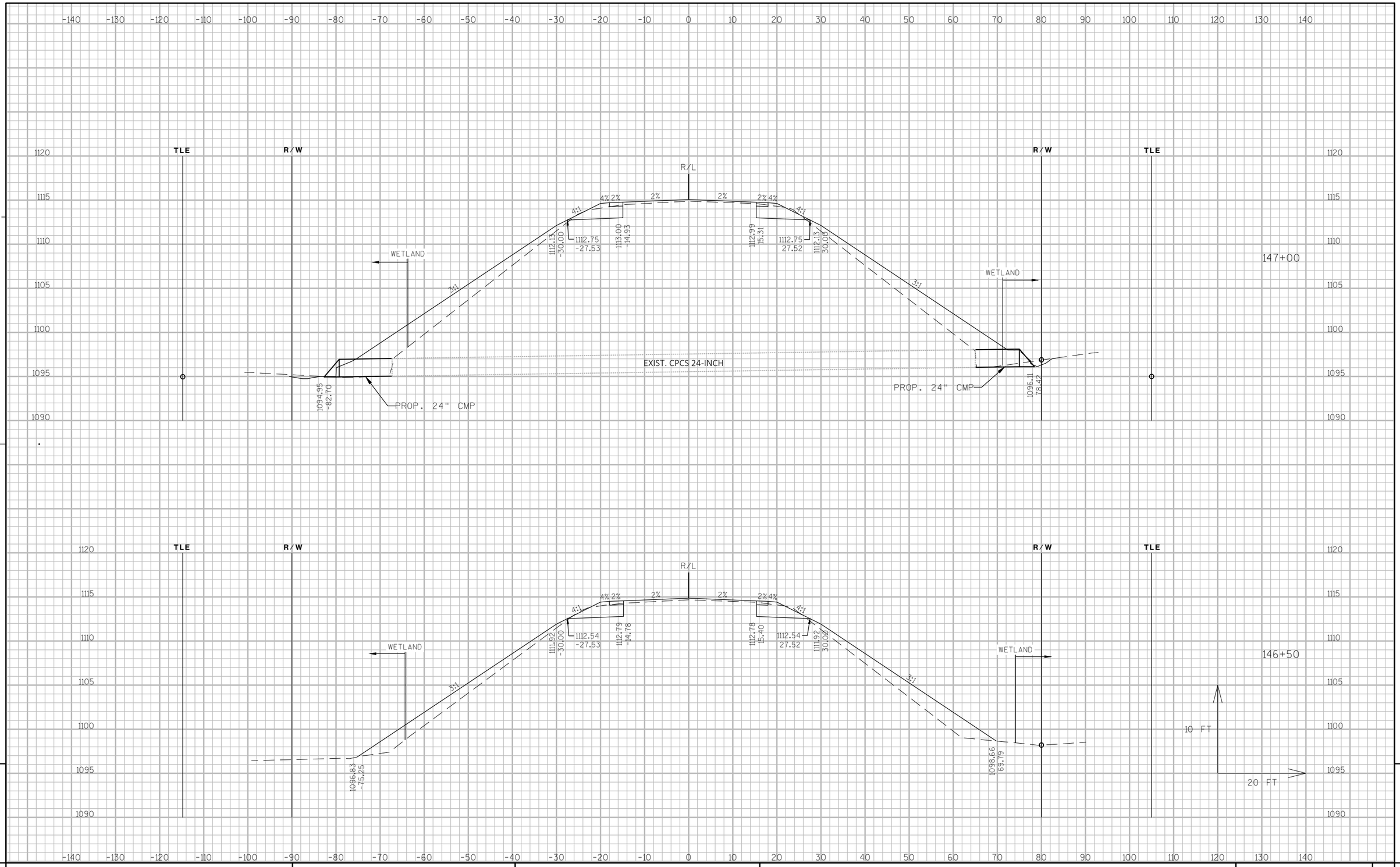
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:14 PM PLOT BY : RYAN BODENDORFER PLOT NAME : _____ PLOT SCALE : 1:20_XREF



9

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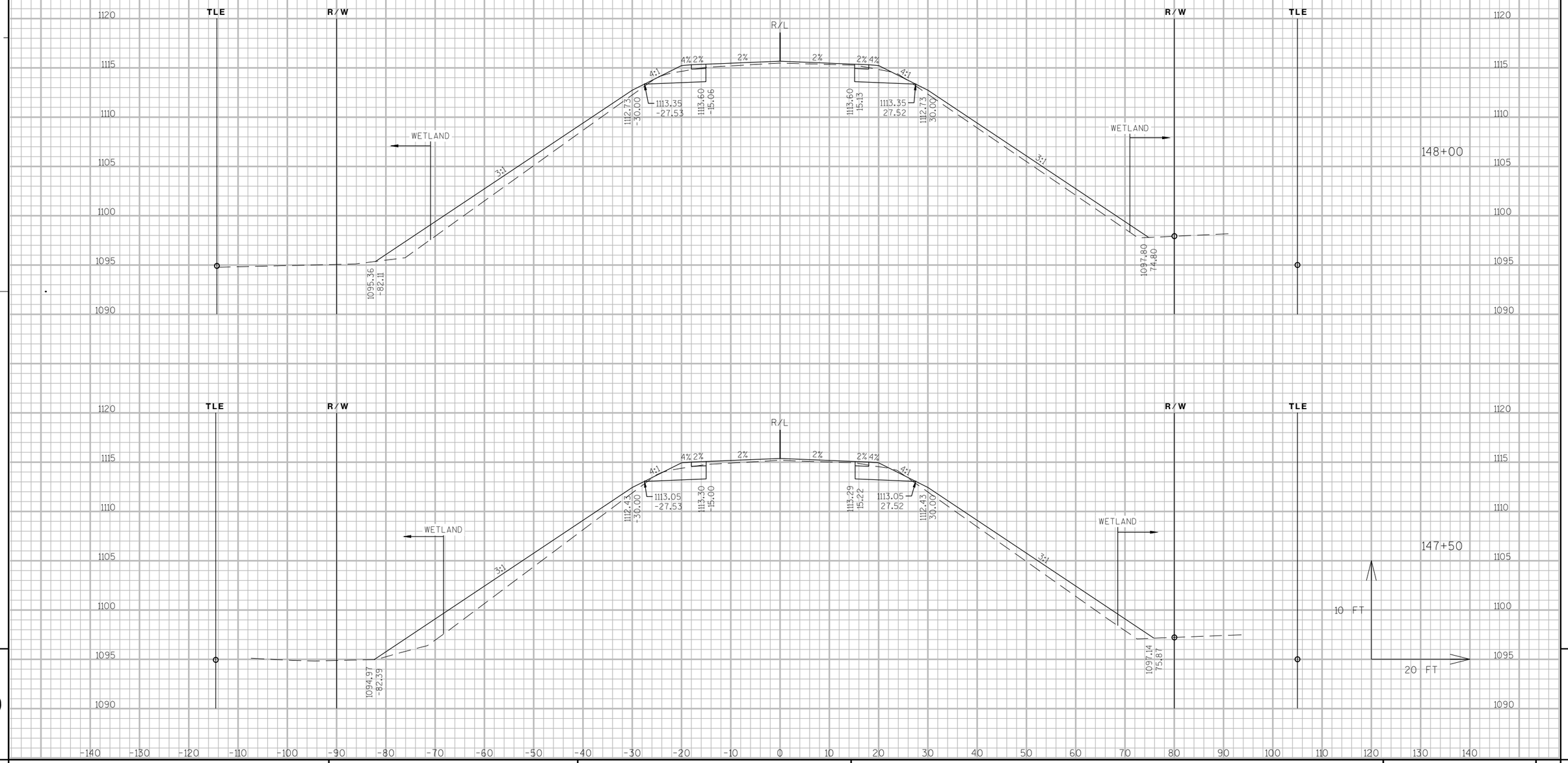
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 301	E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 302	E

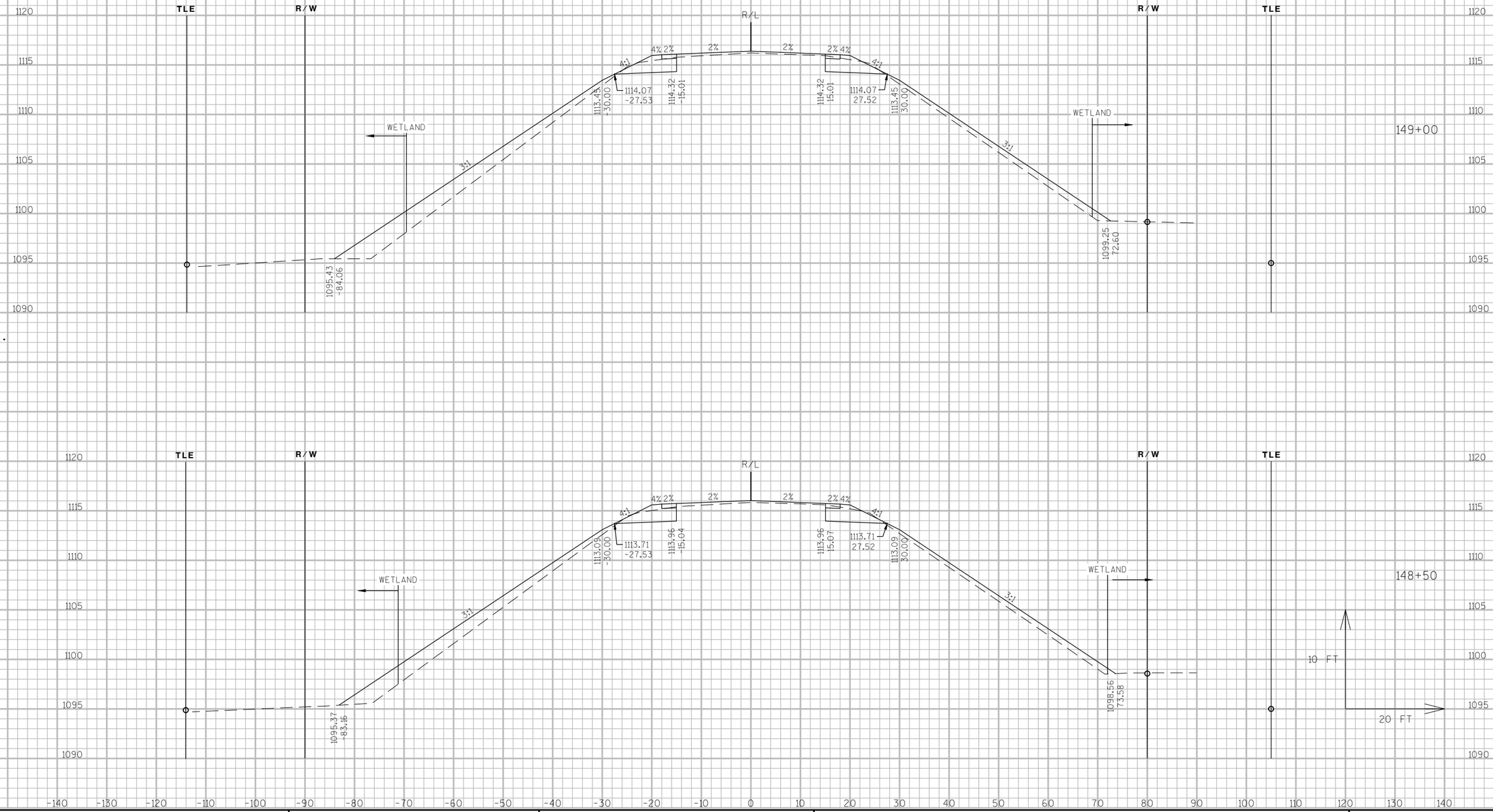
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:15 PM PLOT BY : RYAN BODENDORFER PLOT NAME : _____ PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



9 9

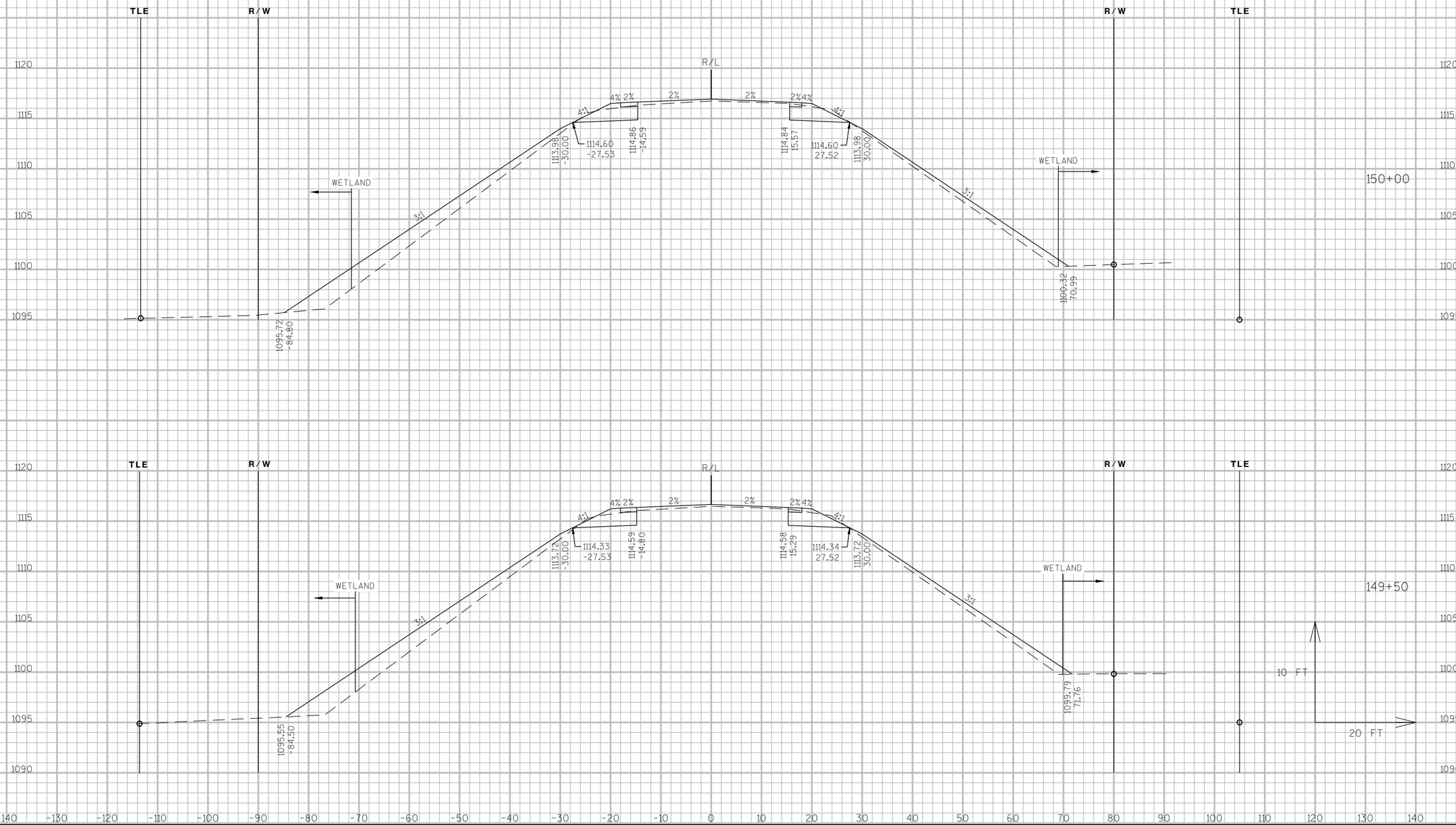
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 303 E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 304	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:16 PM PLOT BY : RYAN BODENDORFER PLOT NAME : _____ PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

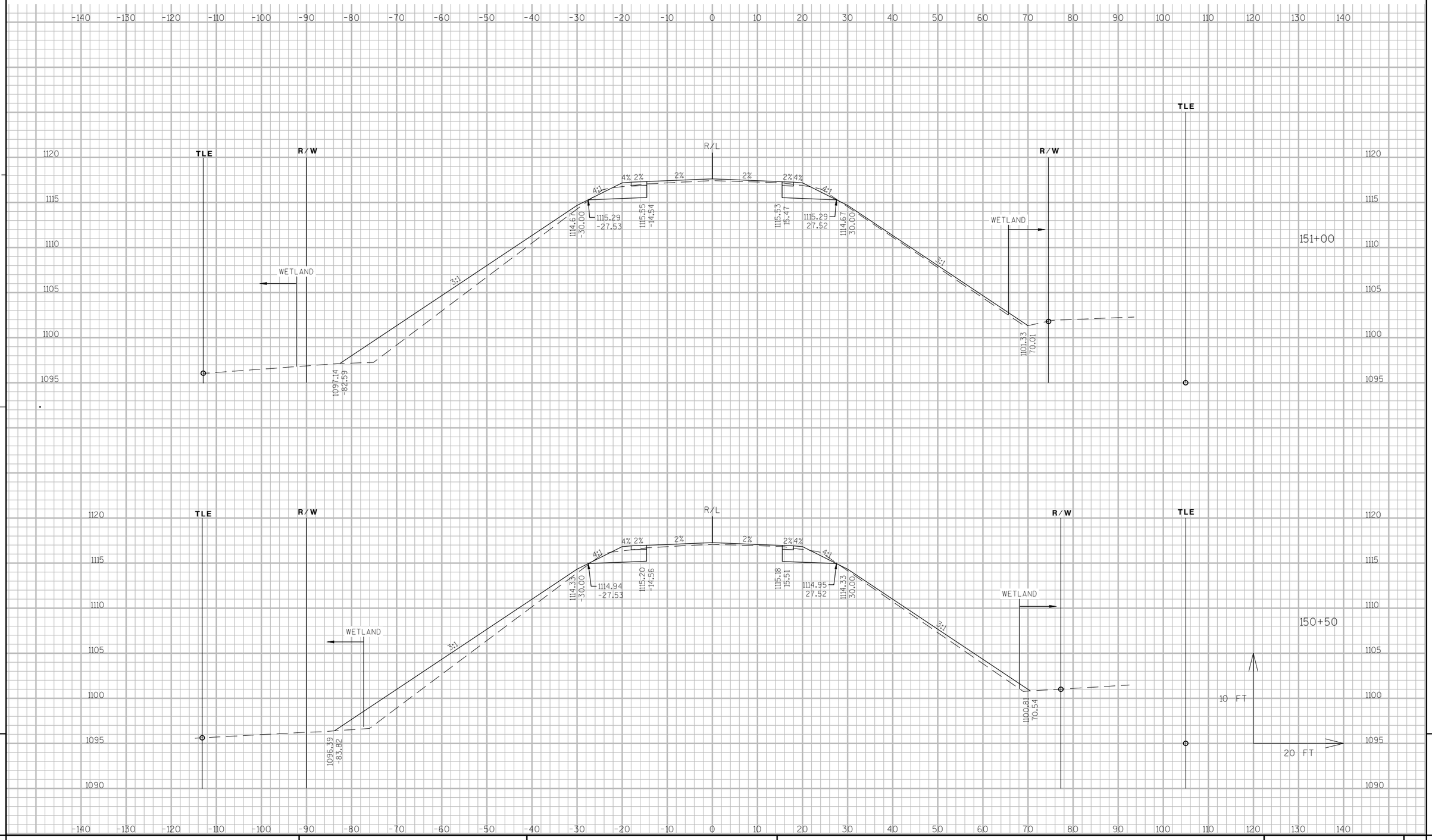


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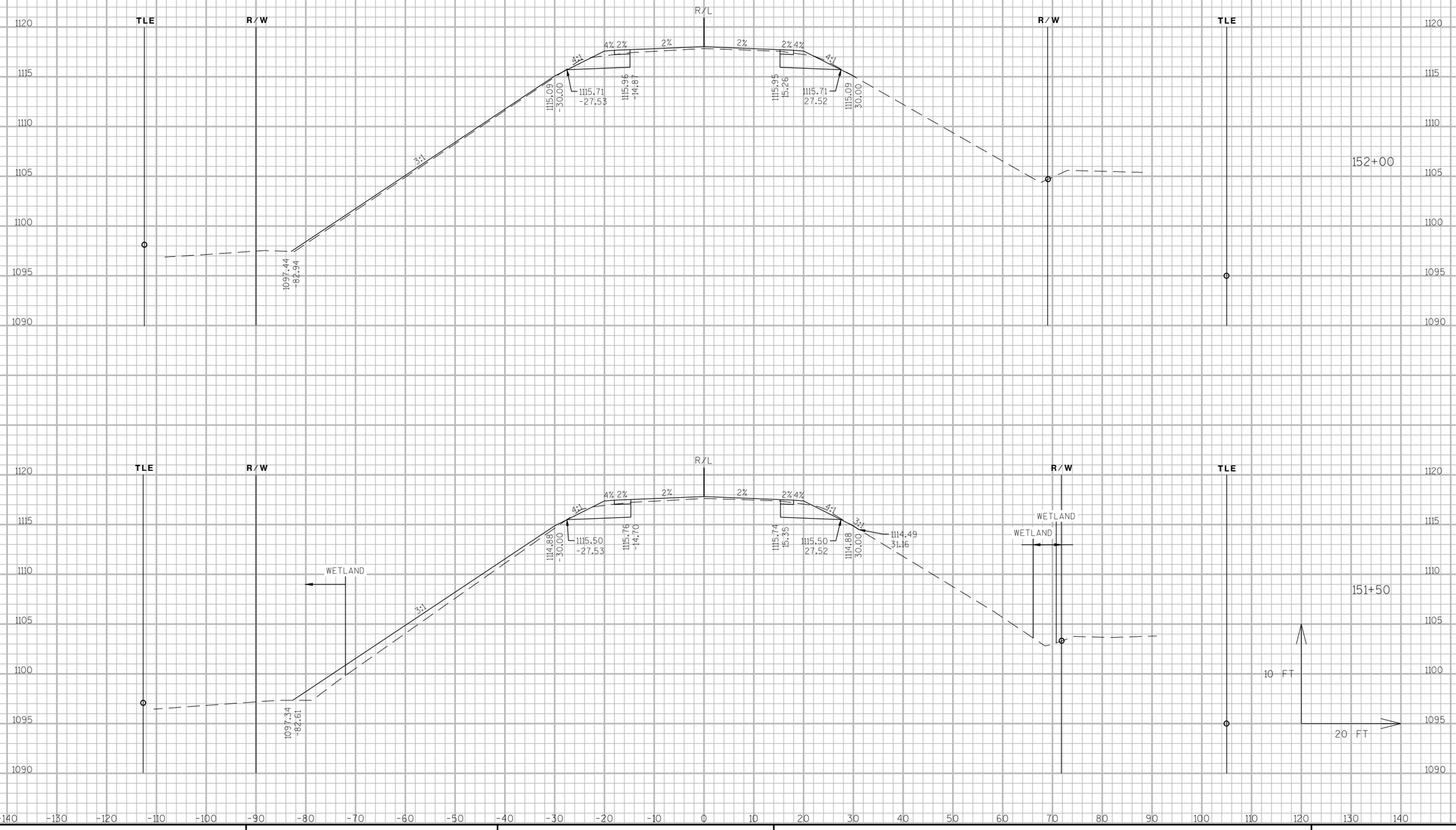
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 305	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:17 PM PLOT BY : RYAN BODENDORFER PLOT NAME : _____ PLOT SCALE : 1:20_XREF



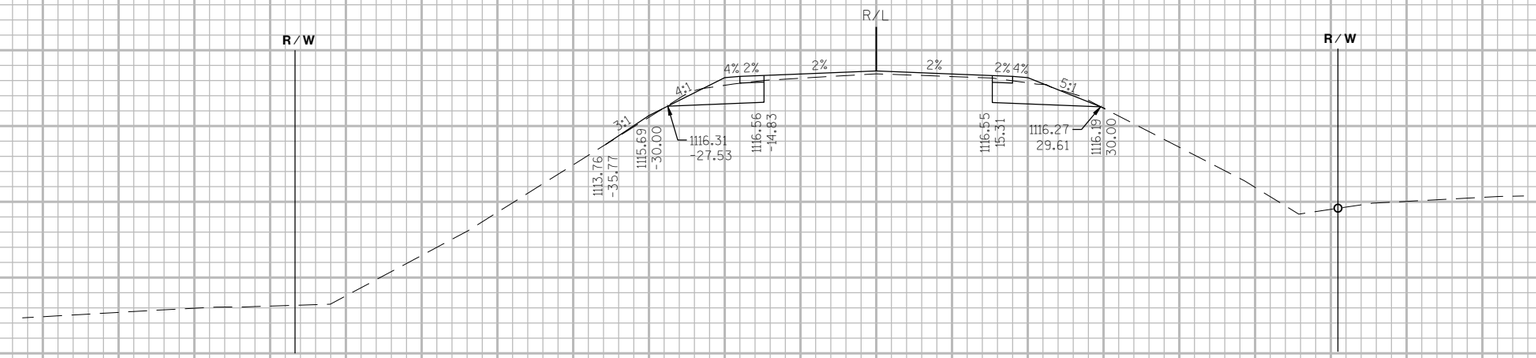
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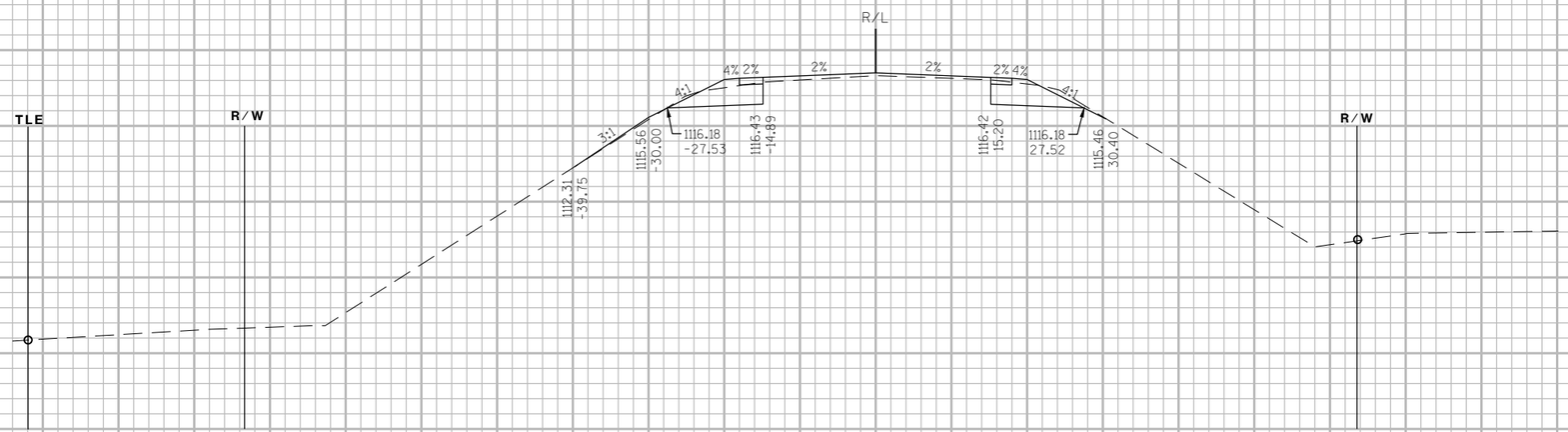


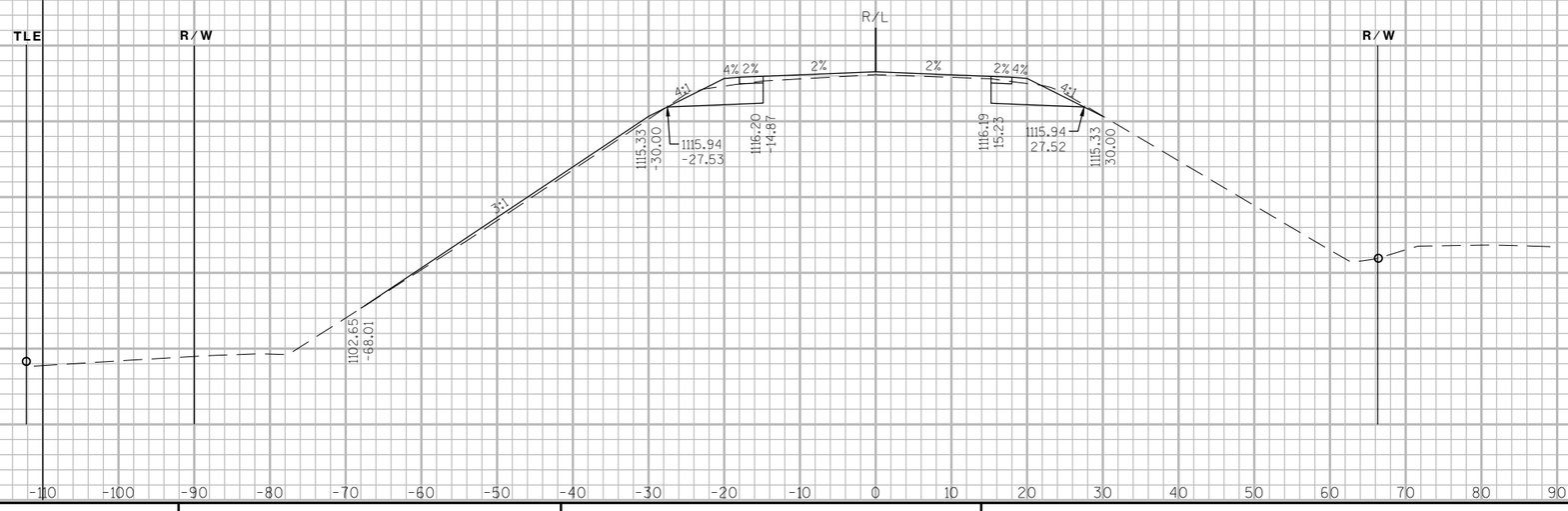
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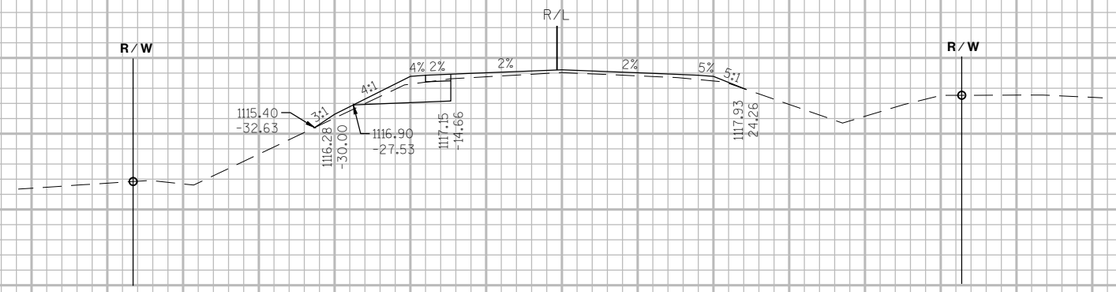
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 307	E

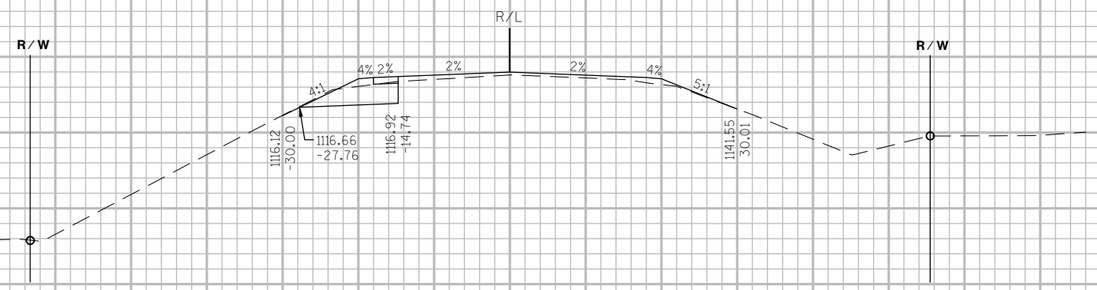

R/L
R/W
R/W
4% 2%
2%
2%
2% 4%
4:1
5:1
3:1
1113.76
-35.17
1115.69
-30.00
1116.31
-27.53
1116.56
-14.83
1116.55
15.31
1116.27
29.61
1116.19
30.00
153+50


R/L
TLE
R/W
R/W
TLE
4% 2%
2%
2%
2% 4%
4:1
4:1
3:1
1112.31
-39.75
1115.56
-30.00
1116.18
-27.53
1116.43
-14.99
1116.42
15.20
1116.18
27.52
1115.46
30.40
153+00

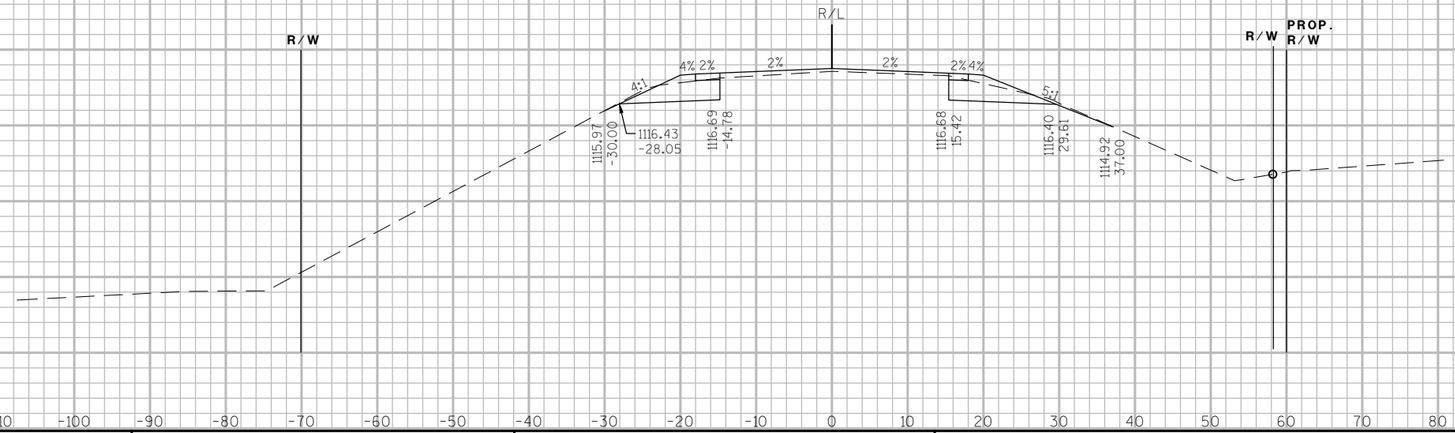

R/L
TLE
R/W
R/W
TLE
4% 2%
2%
2%
2% 4%
4:1
4:1
3:1
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-68.01
1115.33
-30.00
1115.94
-27.53
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1115.94
27.52
1115.33
30.00
152+50
10 FT
20 FT



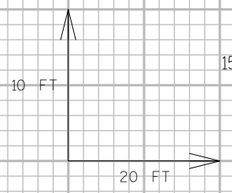
155+00



154+50



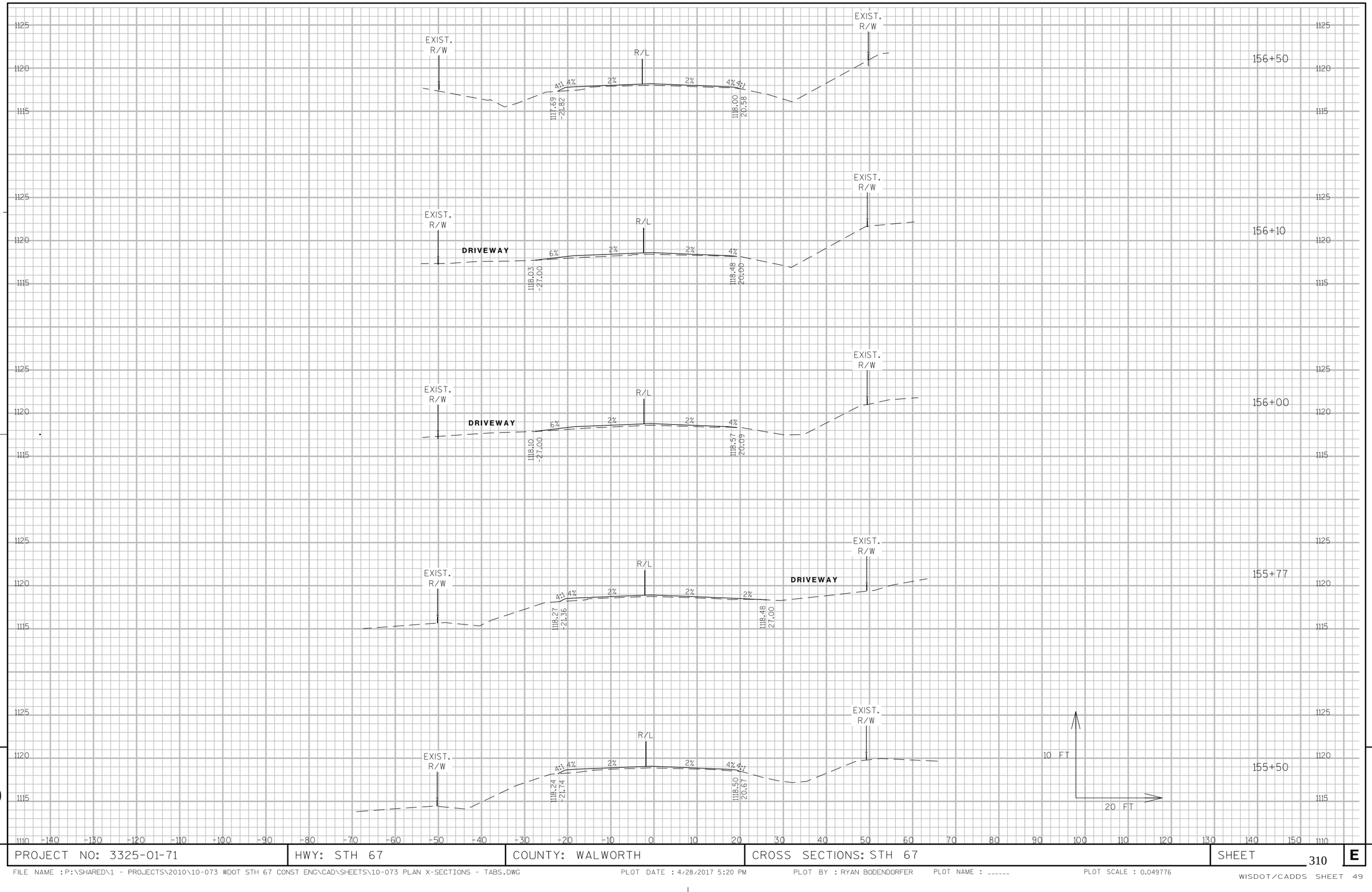
154+00



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-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

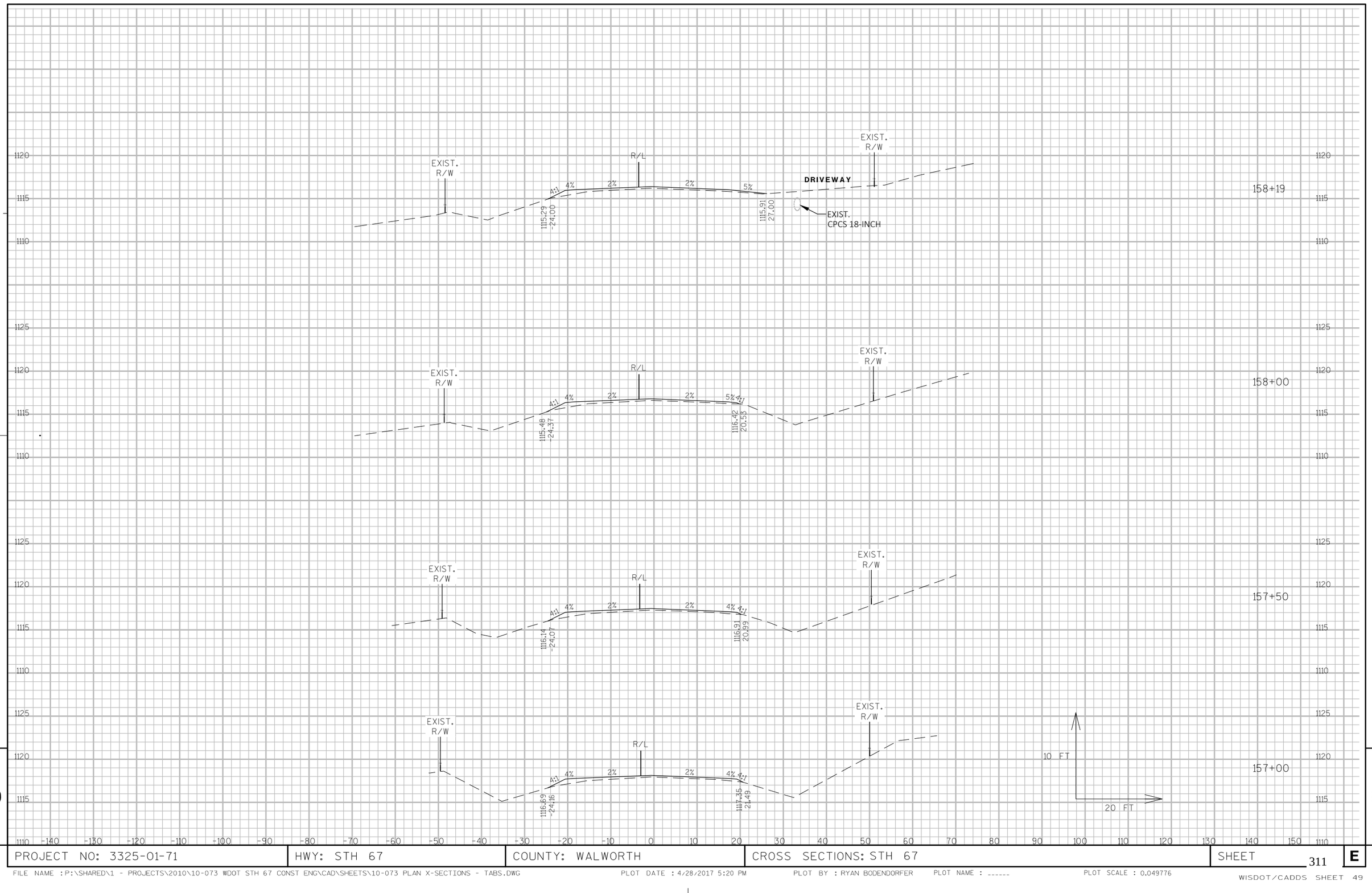
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 309	E



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 310	E



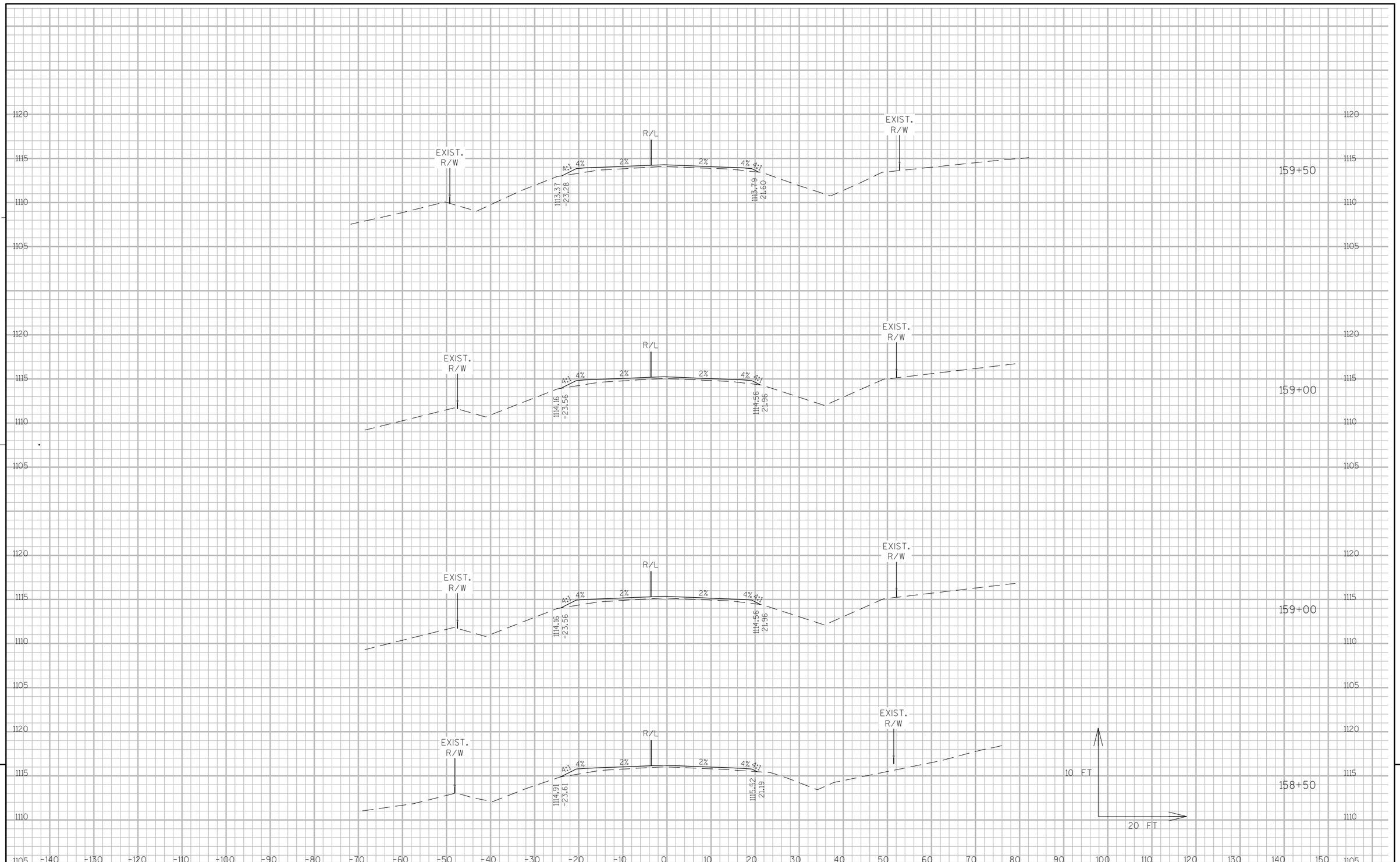
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 311	E

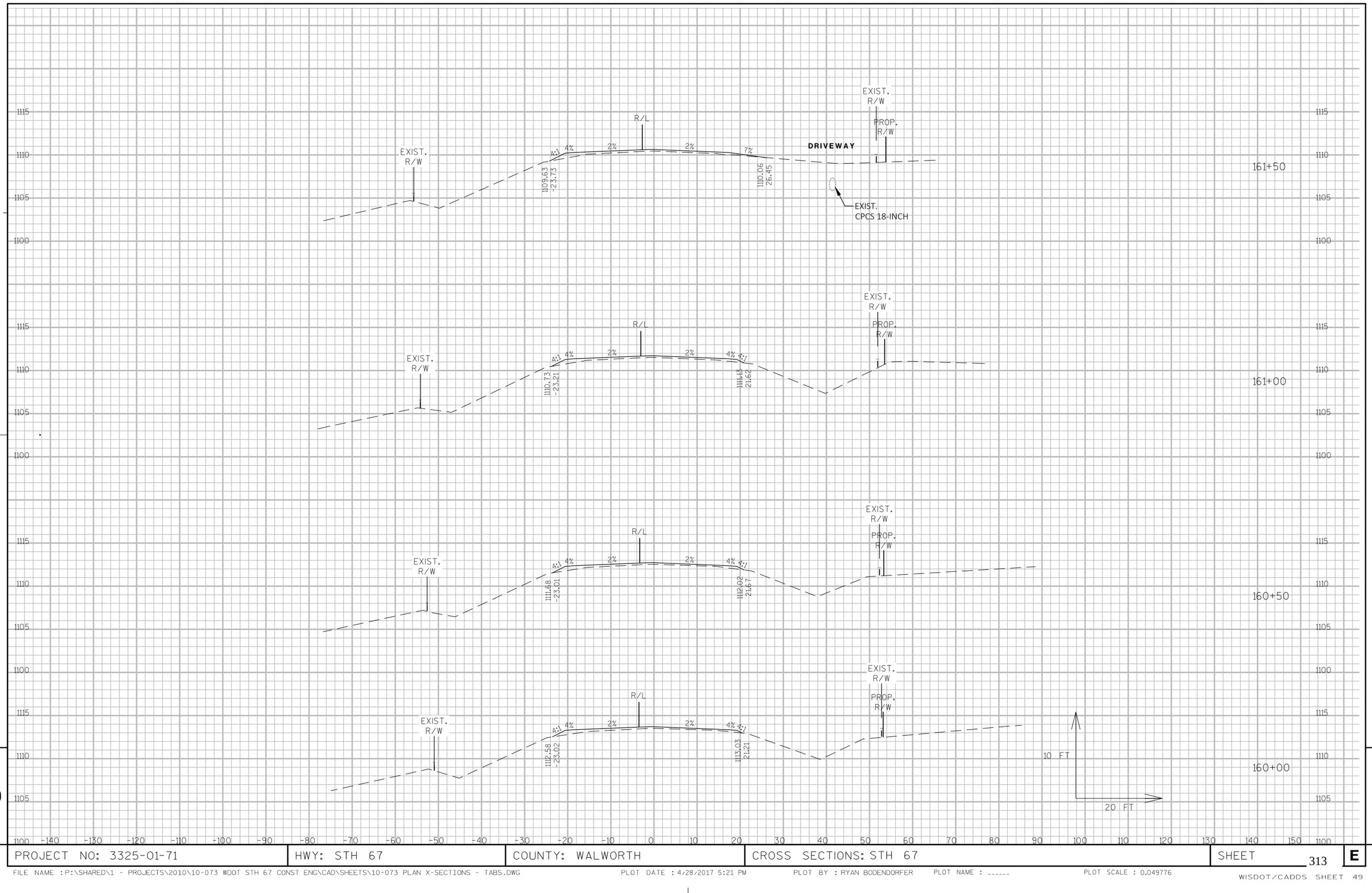
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:20 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 0.049776

WISDOT/CADDS SHEET 49

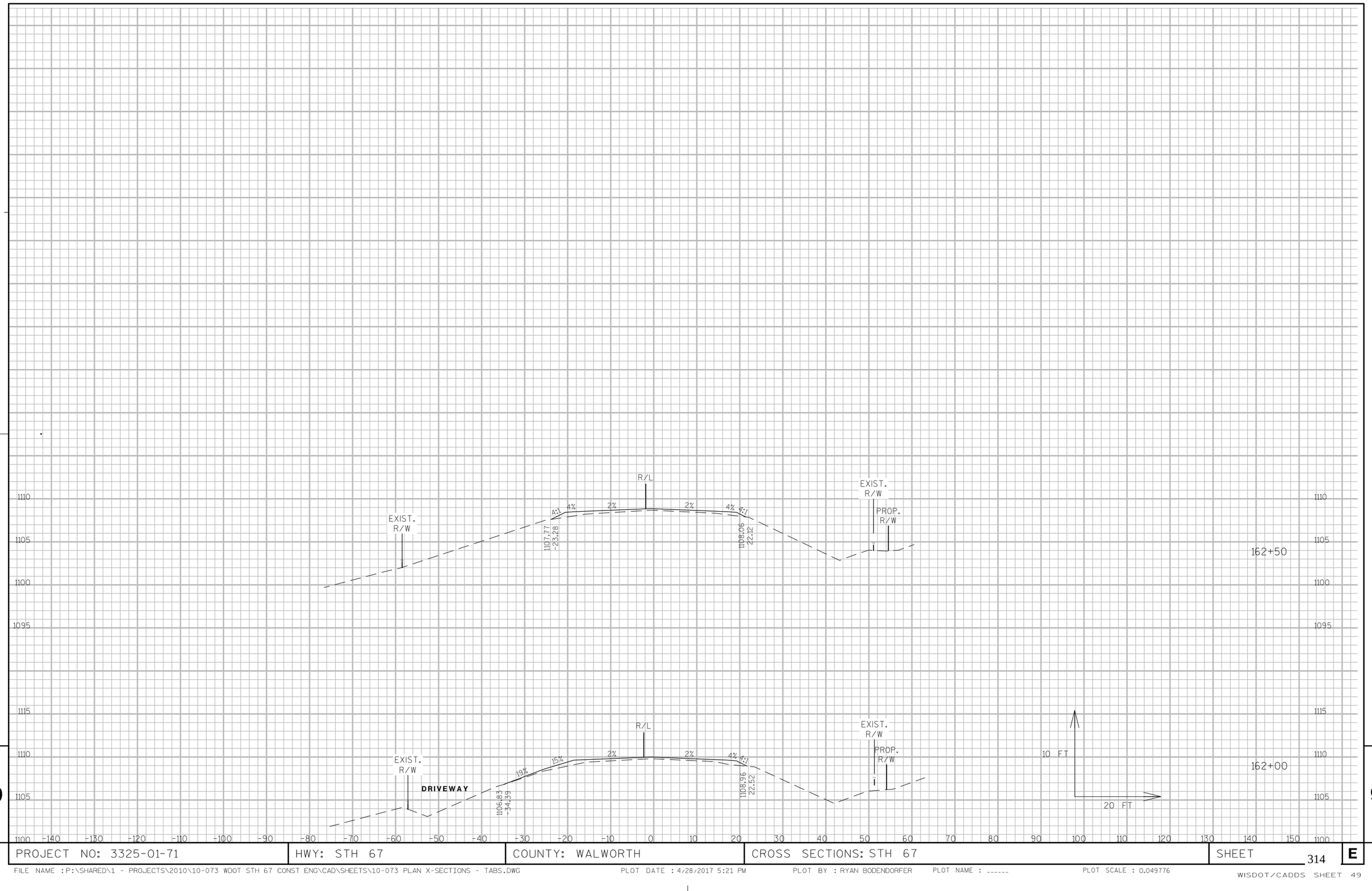


9 9

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 312 E



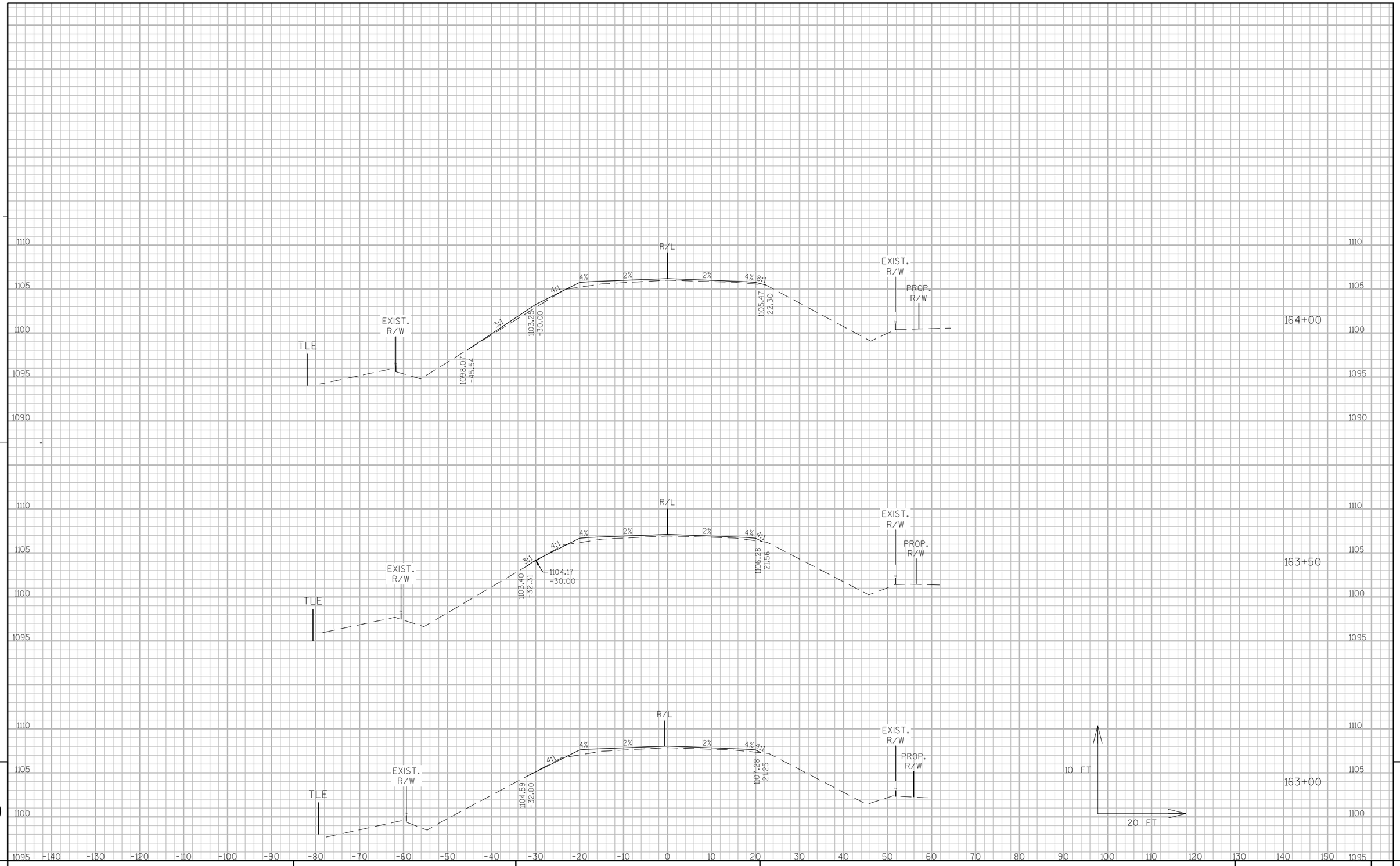
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 313 E



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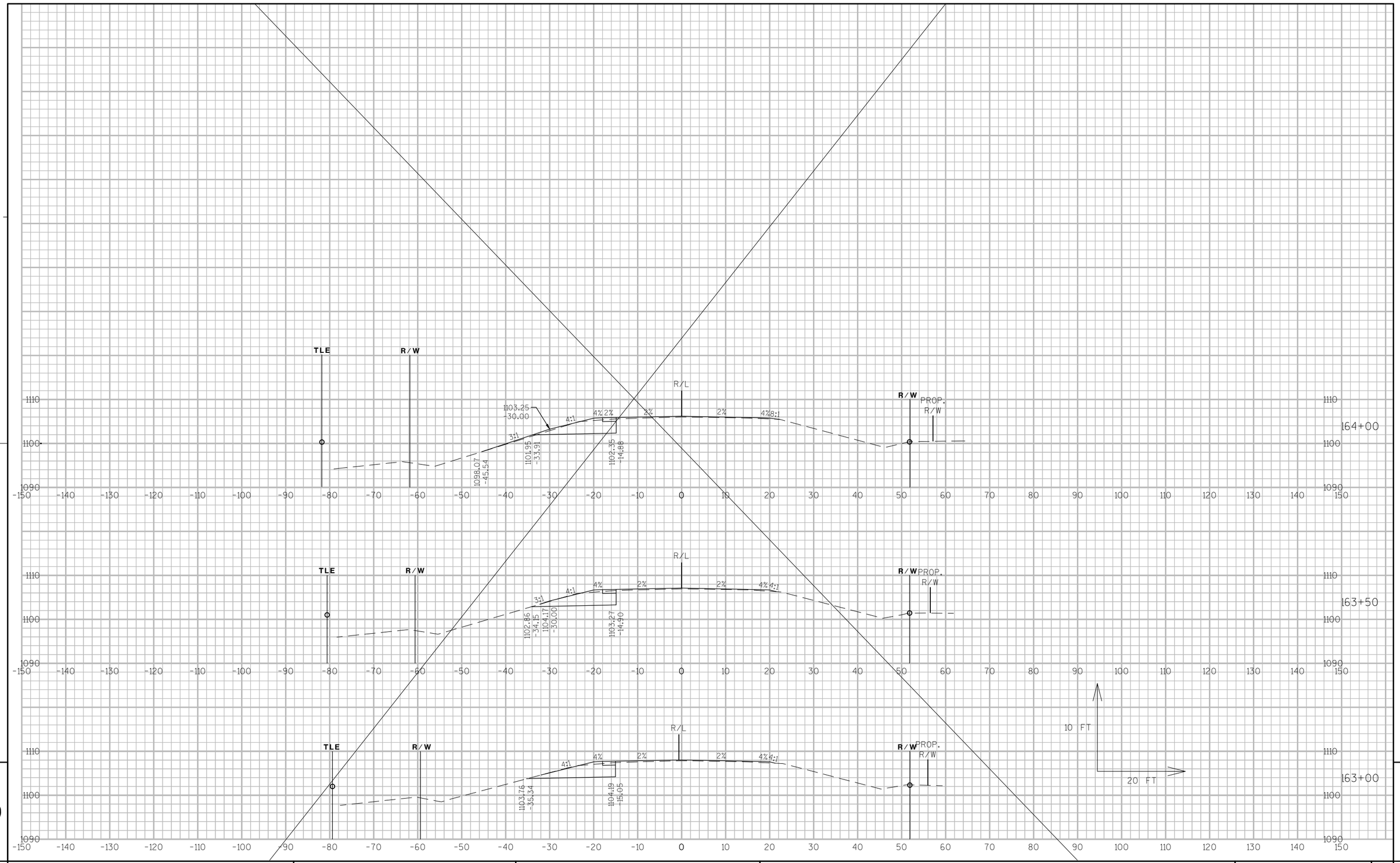
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 314	E



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 315	E

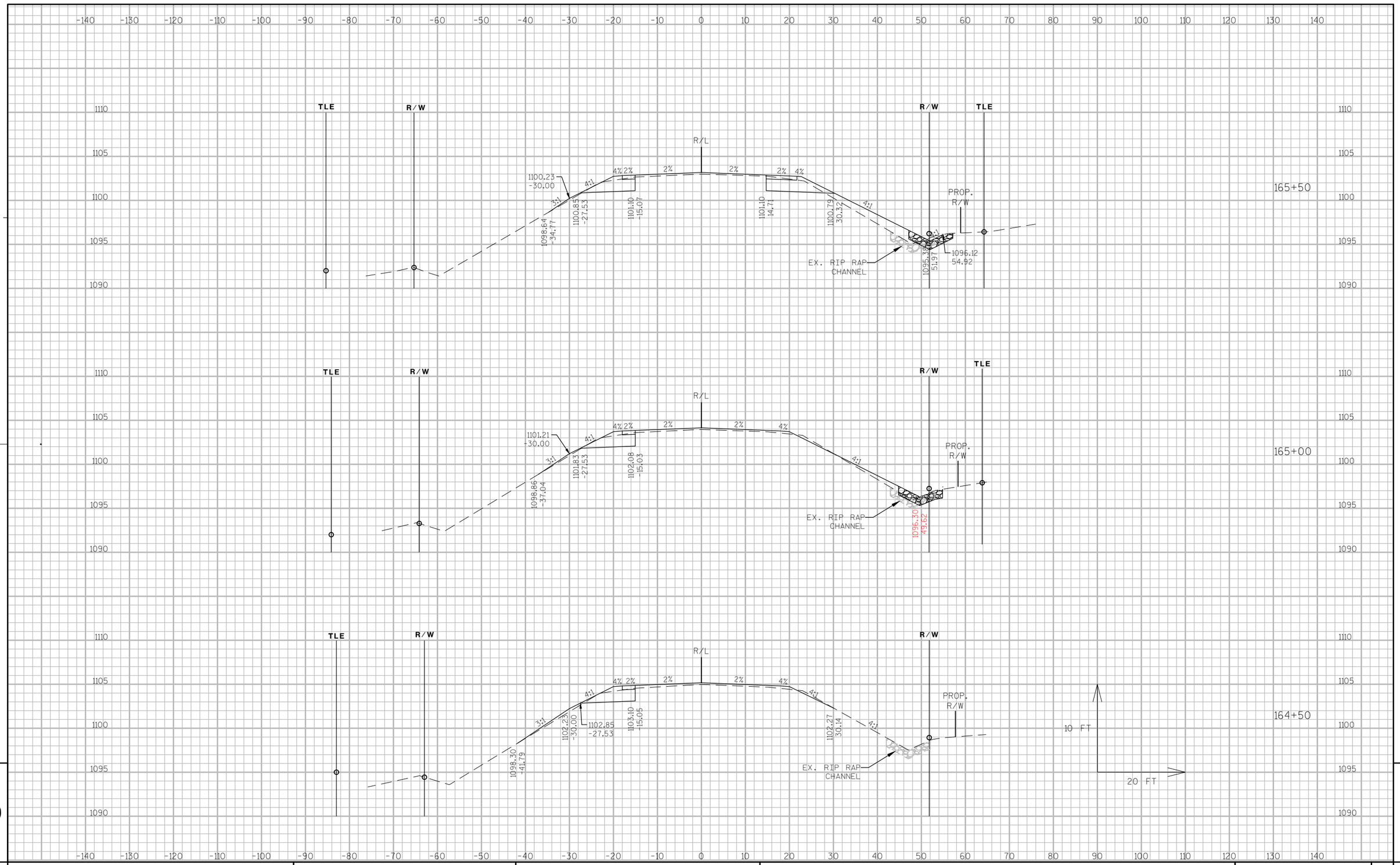


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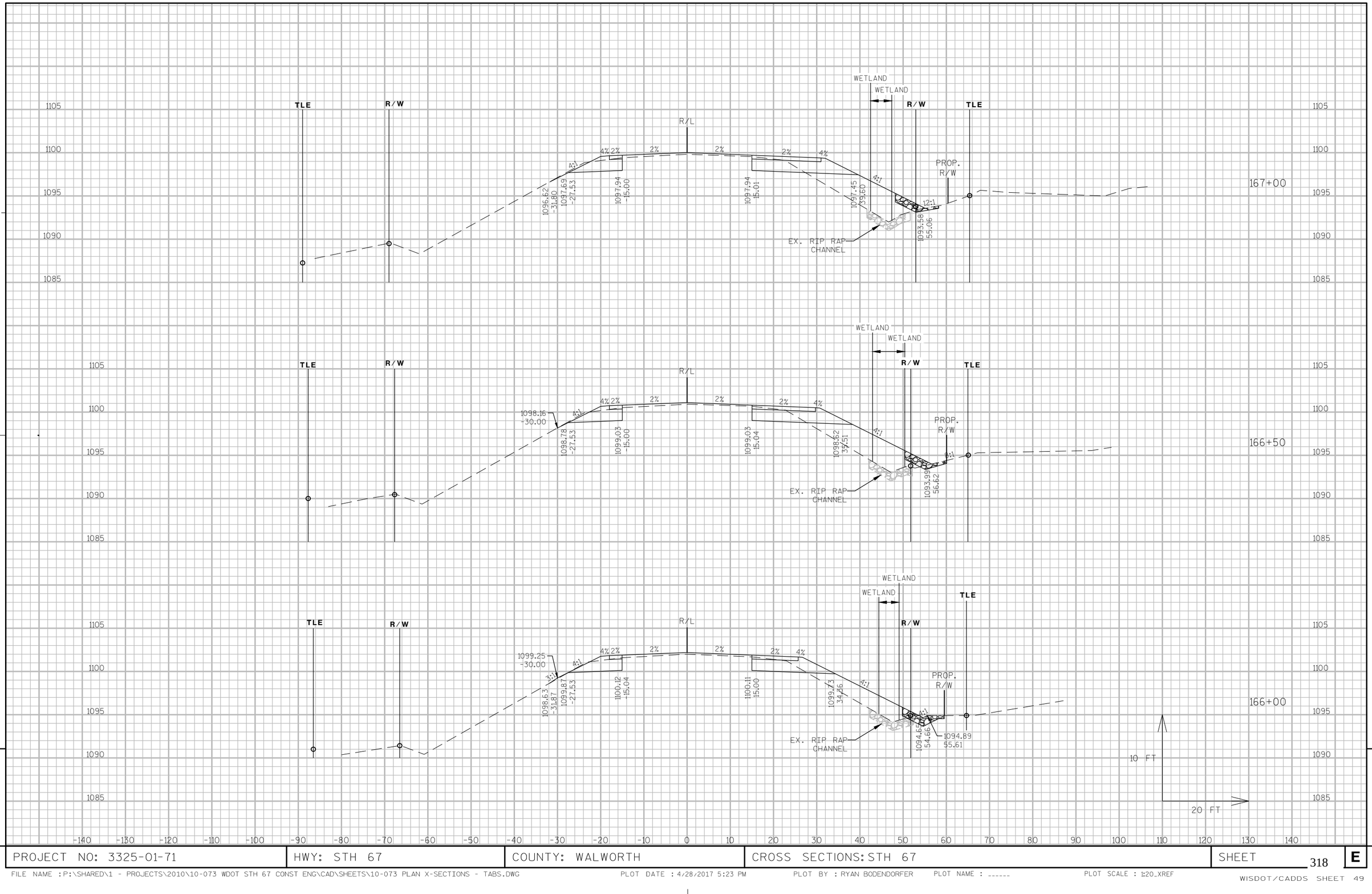
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 316	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:22 PM PLOT BY : RYAN BODENDORFER PLOT NAME : _____ PLOT SCALE : 1:20_XREF

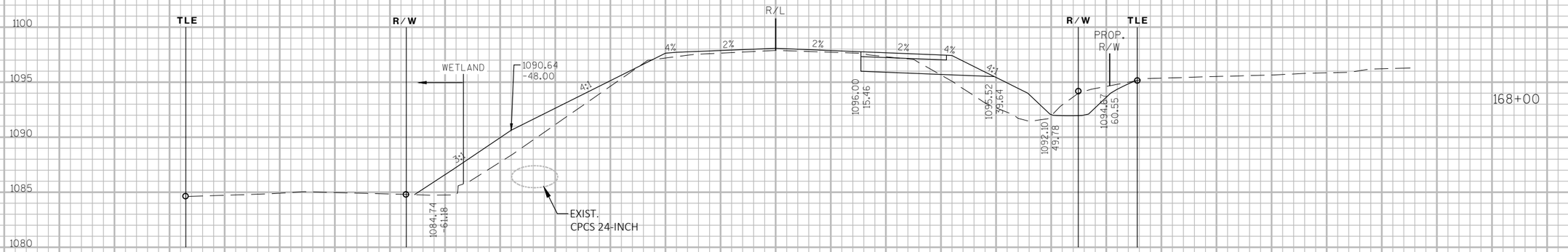


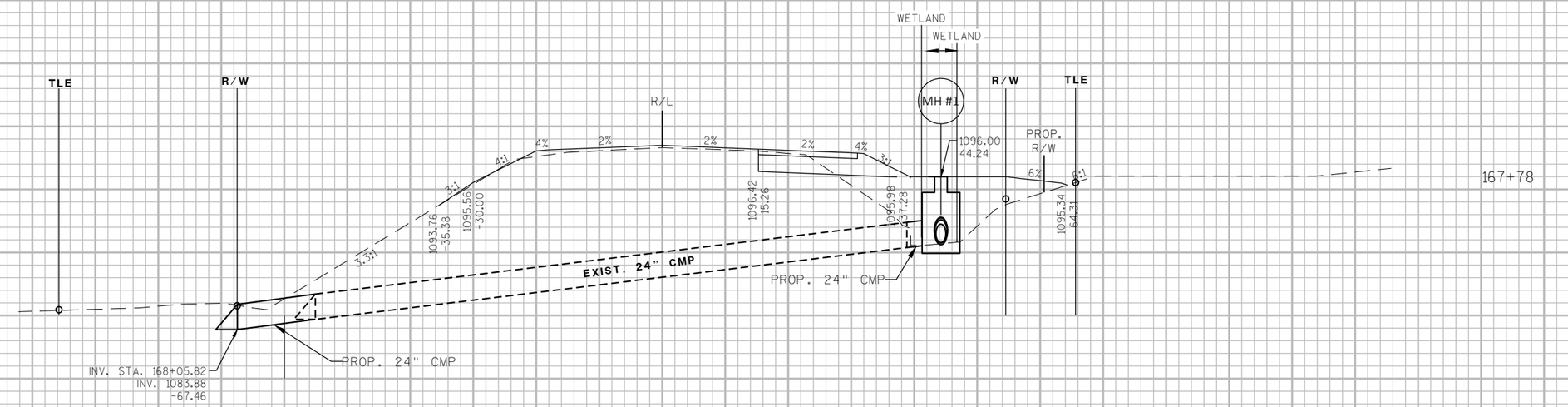
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 317	E

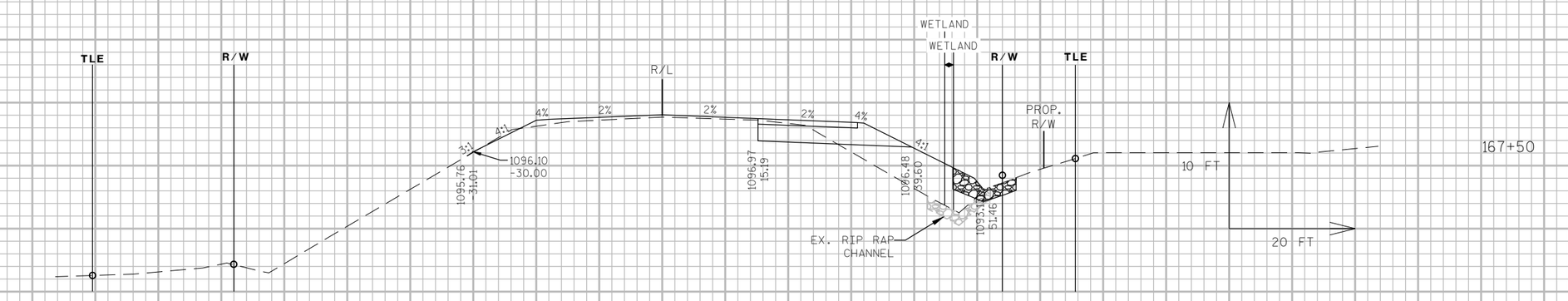
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:23 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 318	E



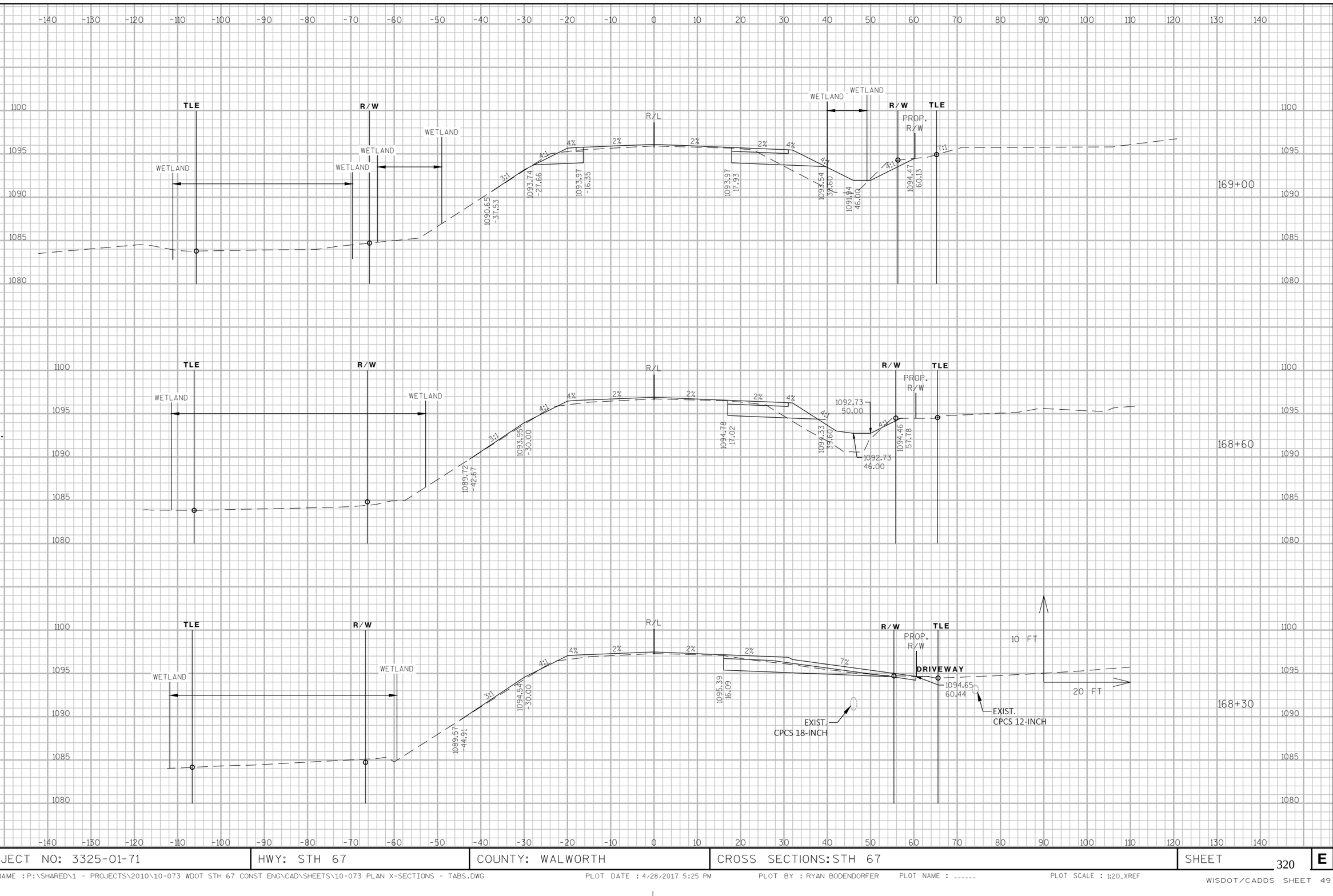




-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

9 9

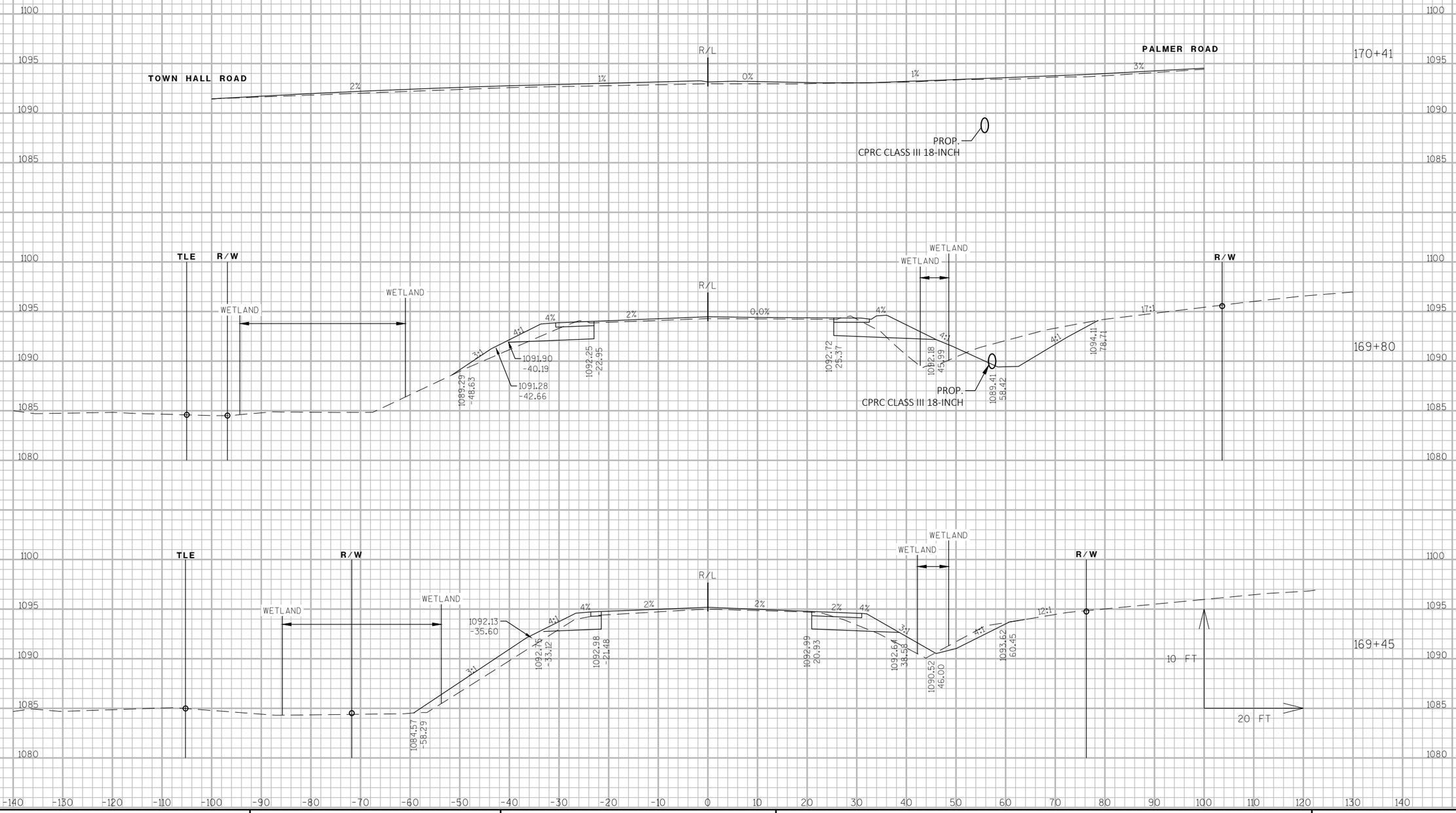
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 319	E



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 320	E

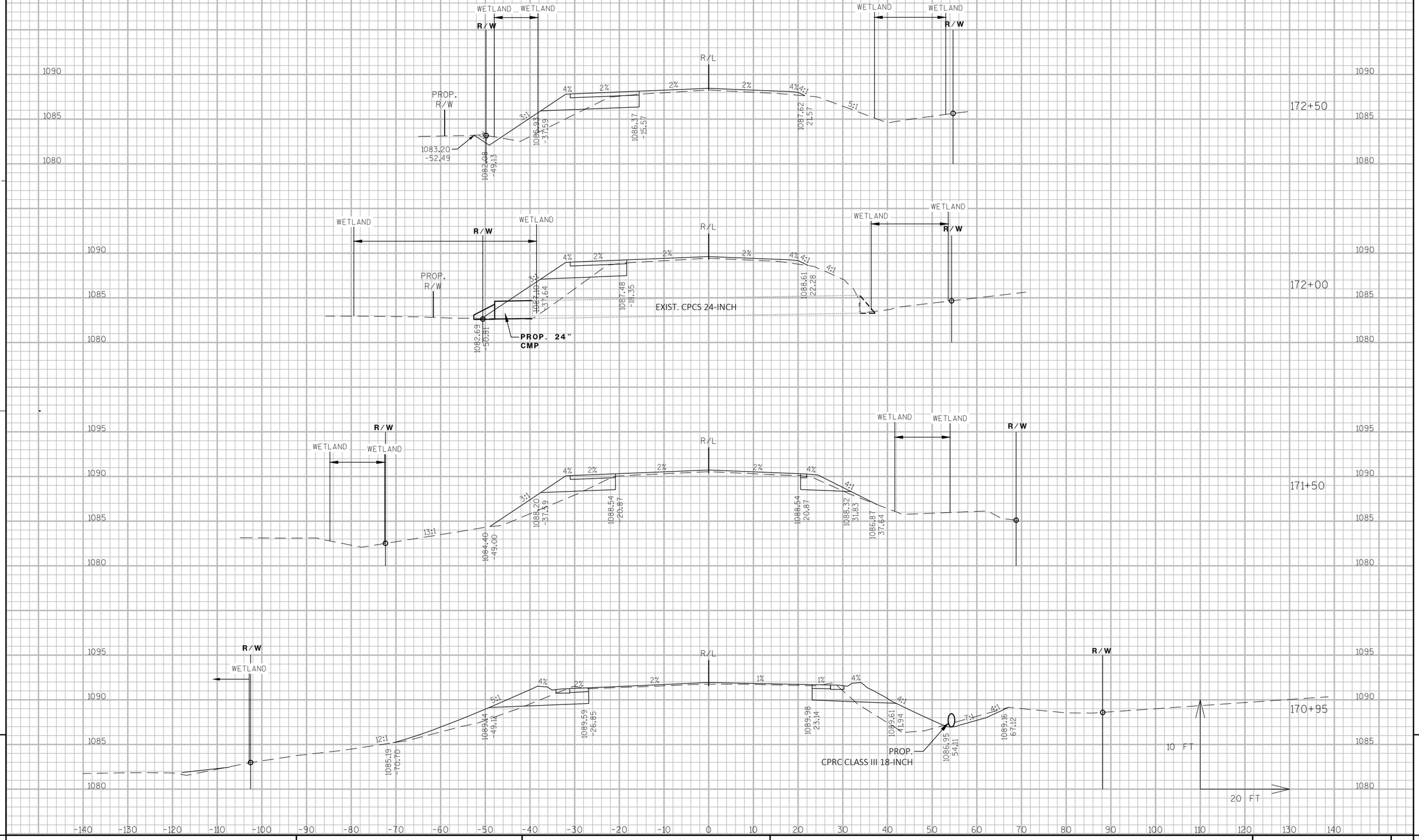
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:25 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



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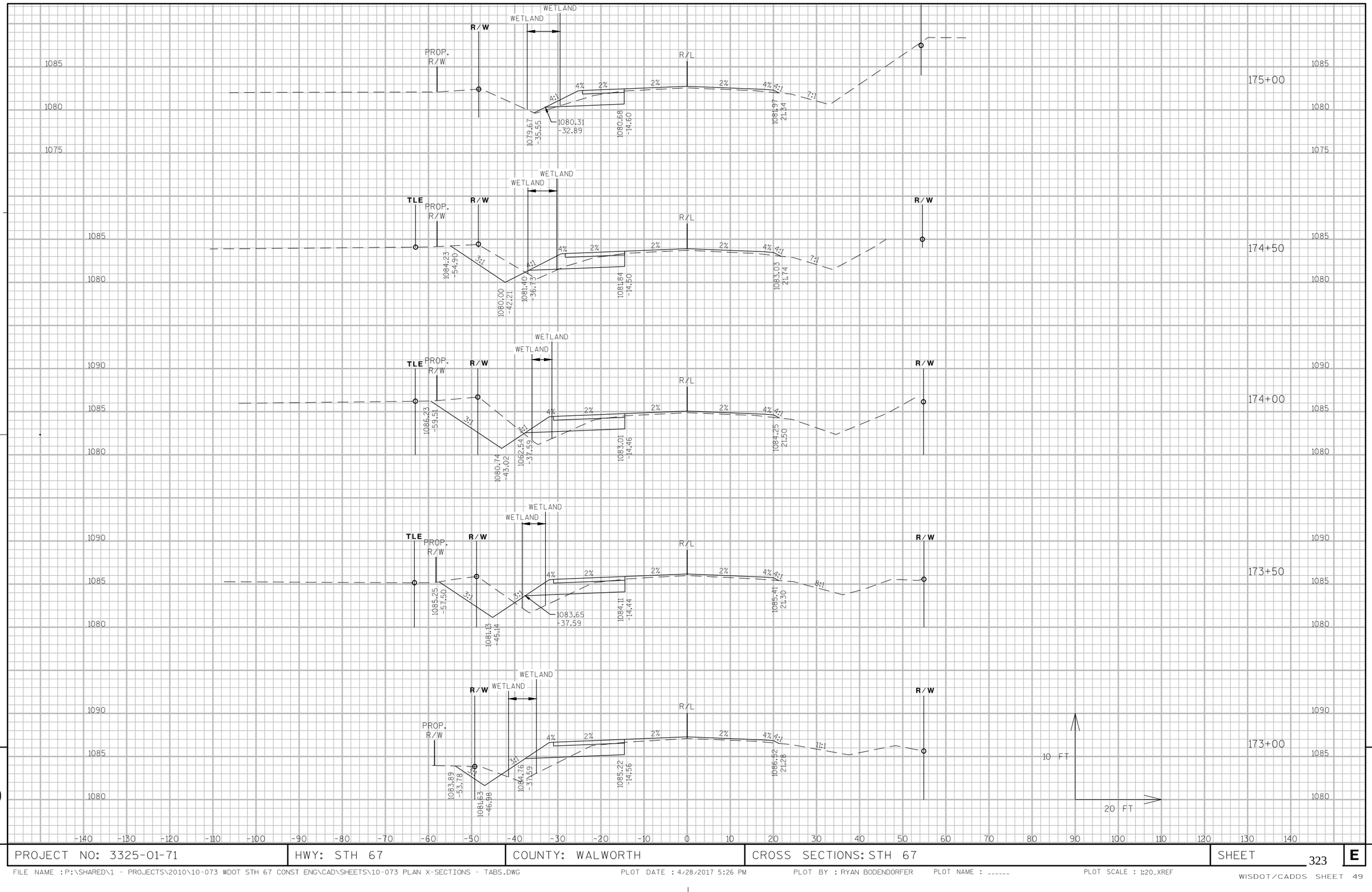
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 321	E



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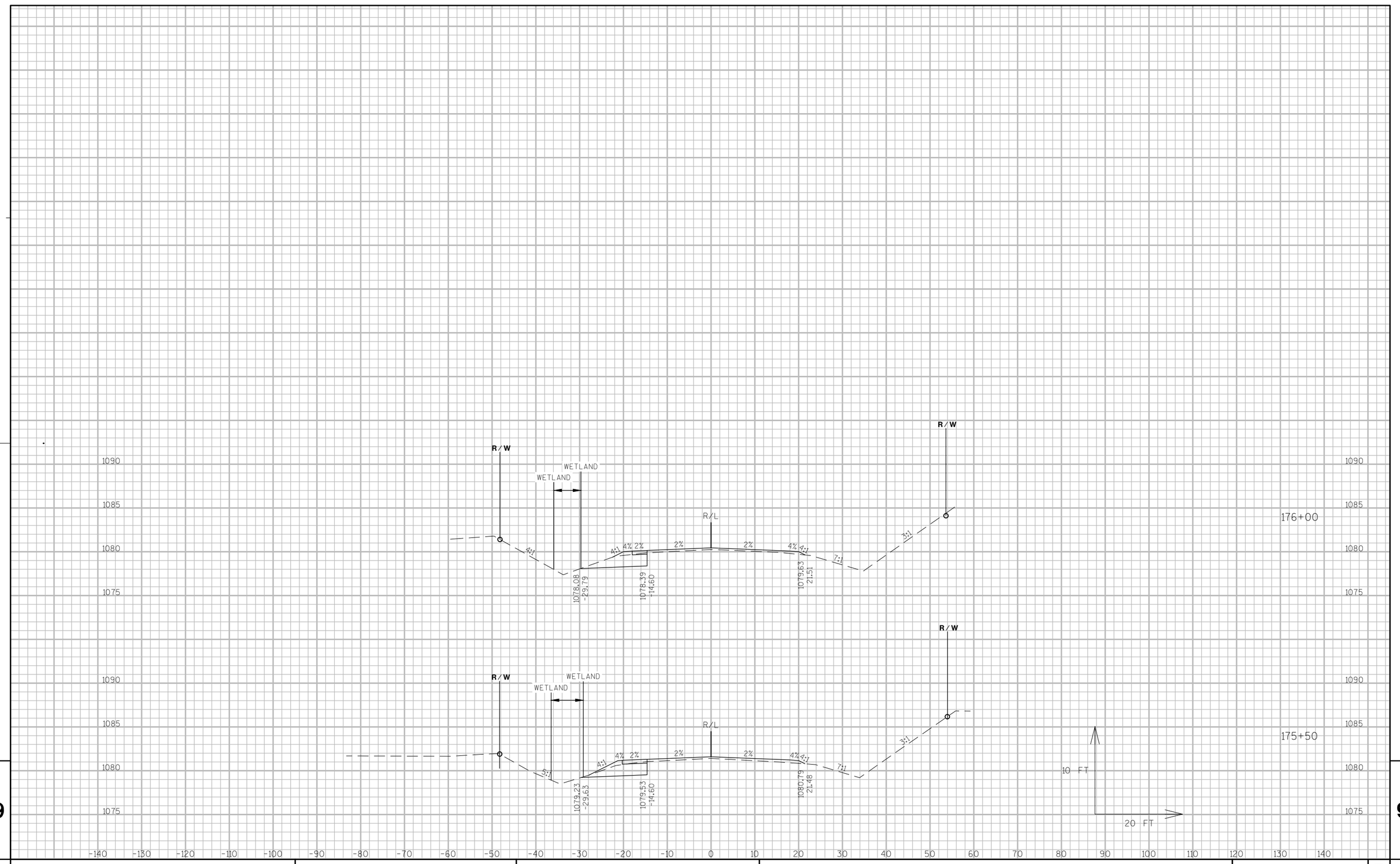
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 322	E



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 323	E

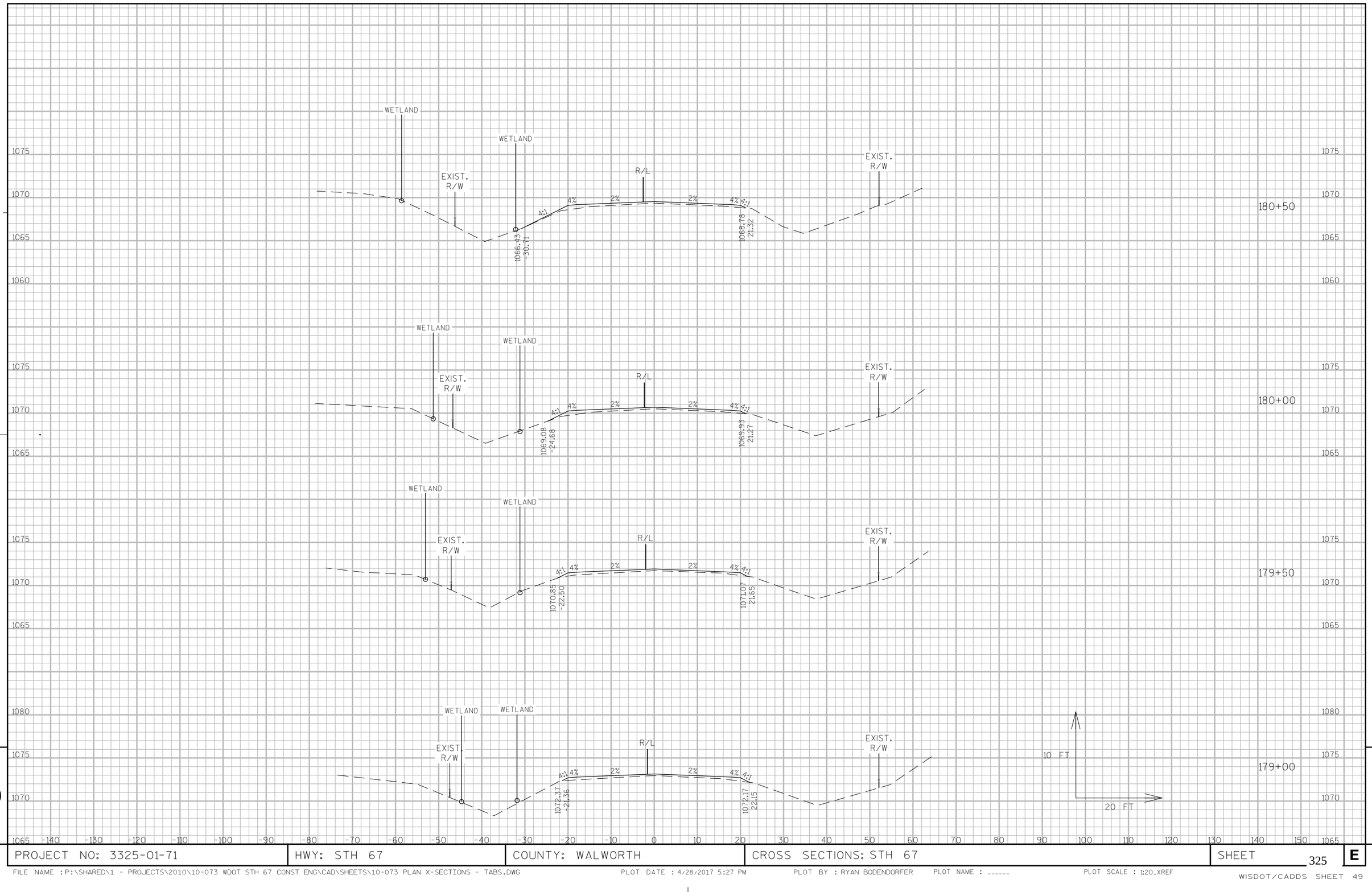


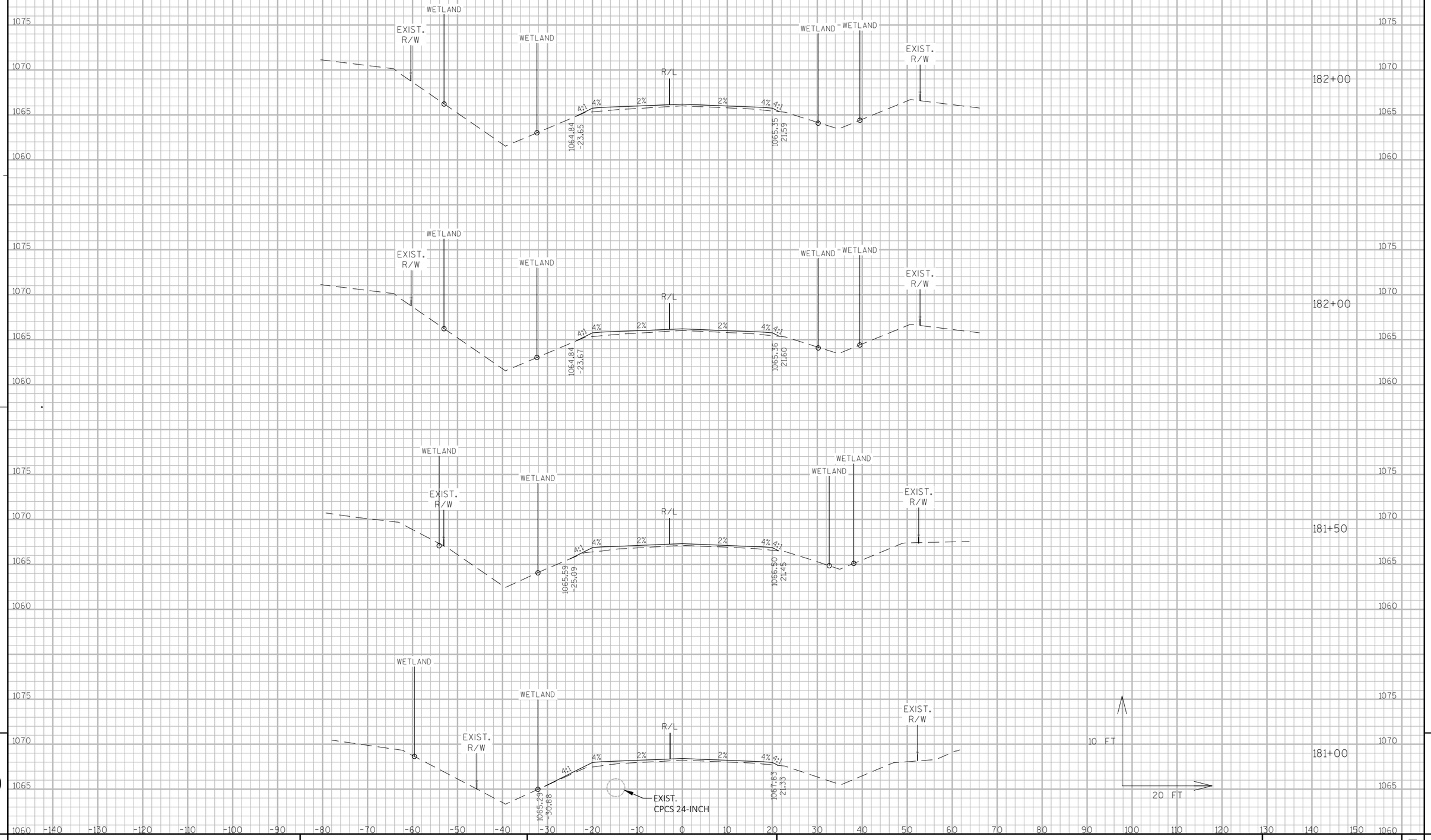
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 324	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:27 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

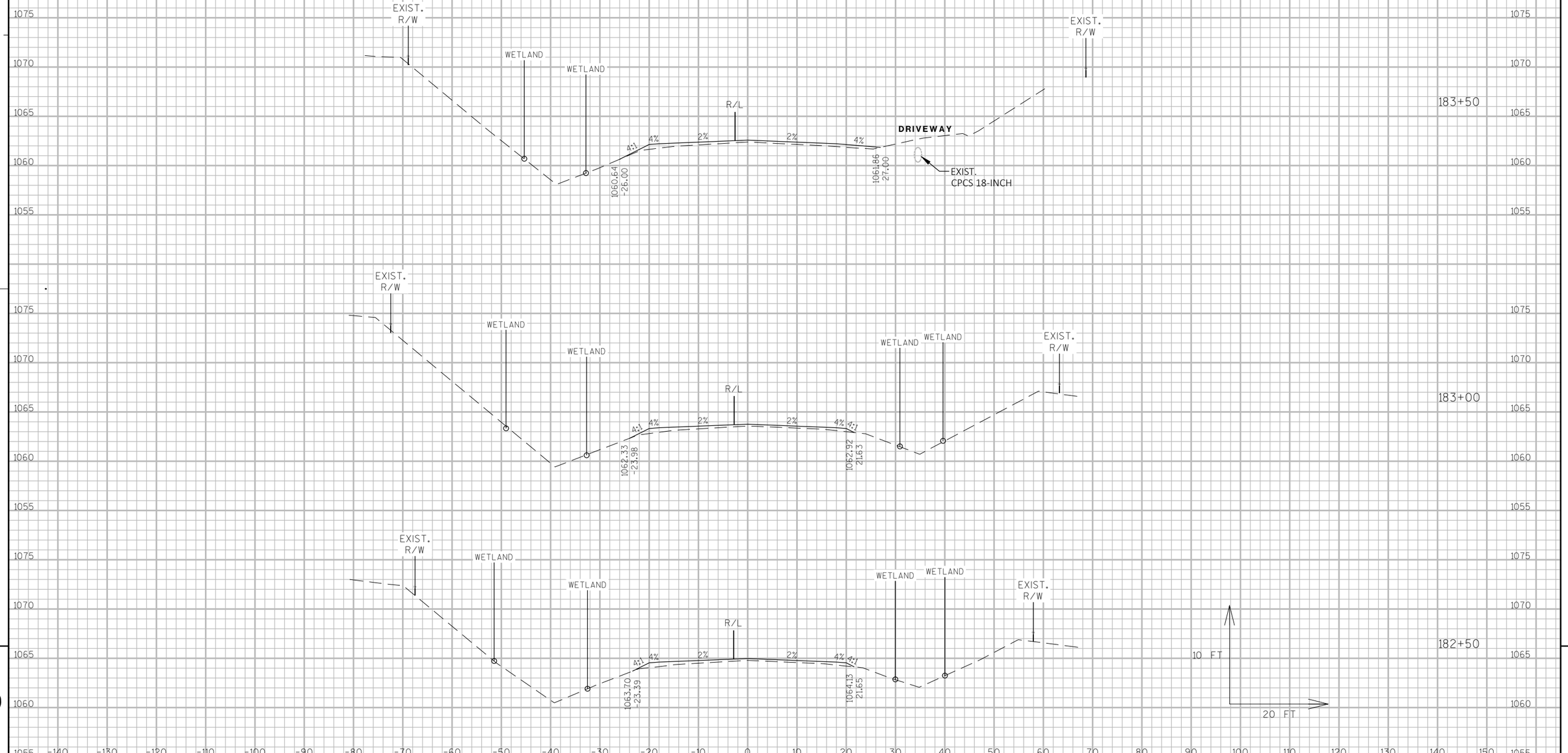

WETLAND
EXIST. R/W
WETLAND
R/L
EXIST. R/W
180+50
1066.43
-30.71
1068.78
21.32
4:1
4%
2%
2%
4%
4:1
WETLAND
EXIST. R/W
WETLAND
R/L
EXIST. R/W
180+00
1069.08
-24.68
1069.93
21.27
WETLAND
EXIST. R/W
WETLAND
R/L
EXIST. R/W
179+50
1070.85
-22.50
1071.07
21.65
WETLAND
EXIST. R/W
WETLAND
R/L
EXIST. R/W
179+00
1072.37
-21.36
1072.17
22.15
10 FT
20 FT
1075
1070
1065
1060
1080



9

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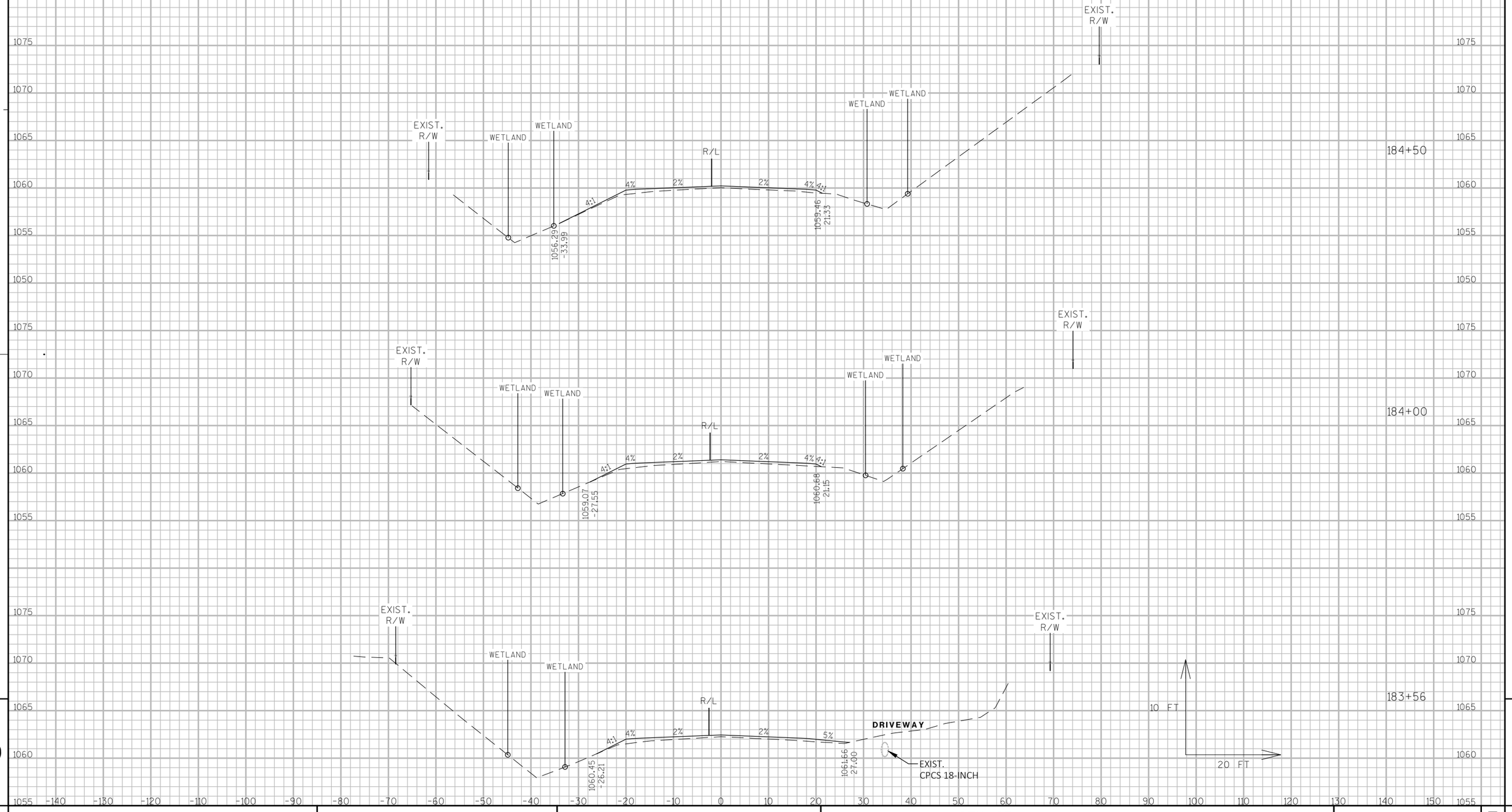
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 326	E



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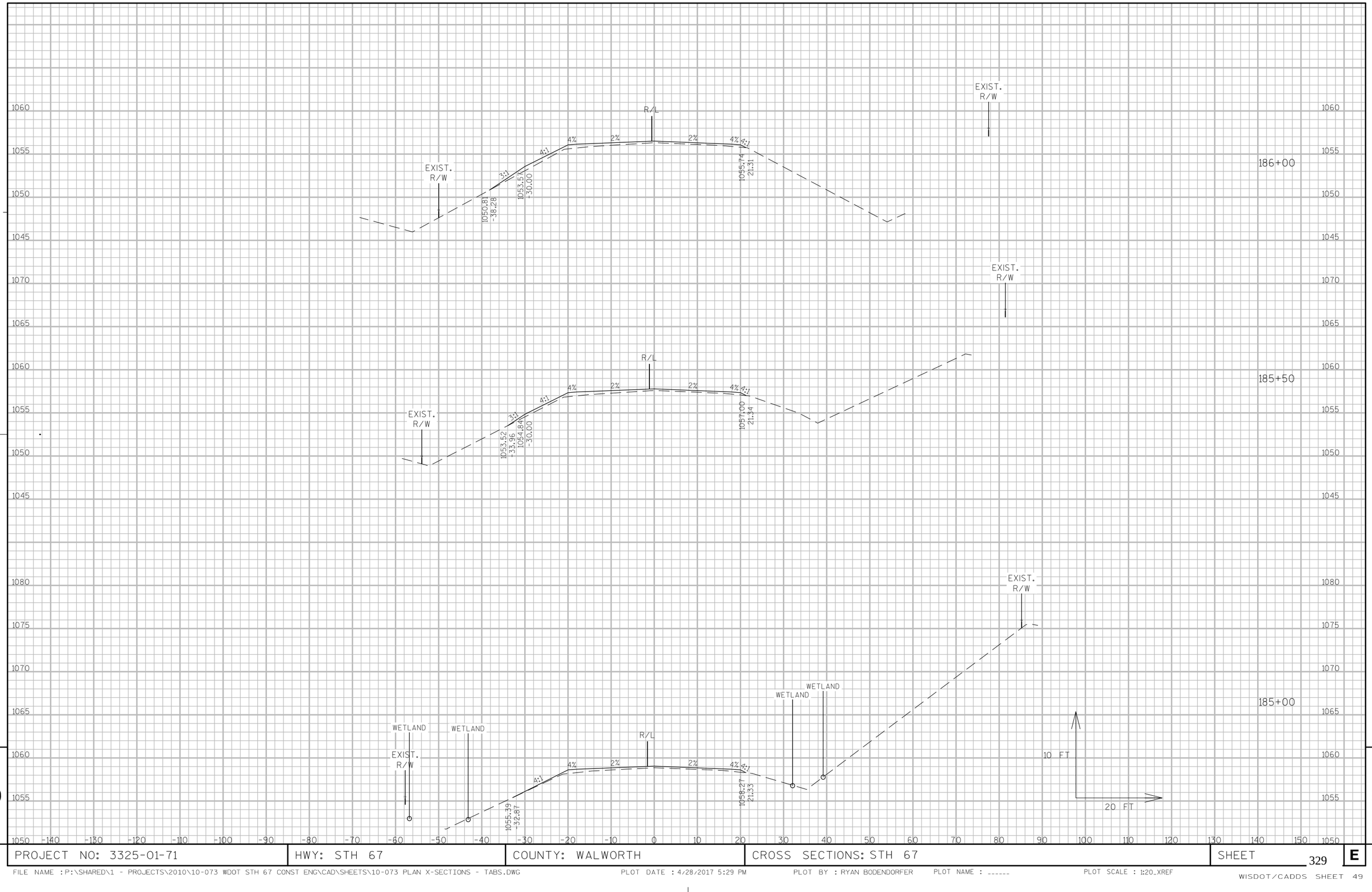
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 327	E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 328	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:28 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49



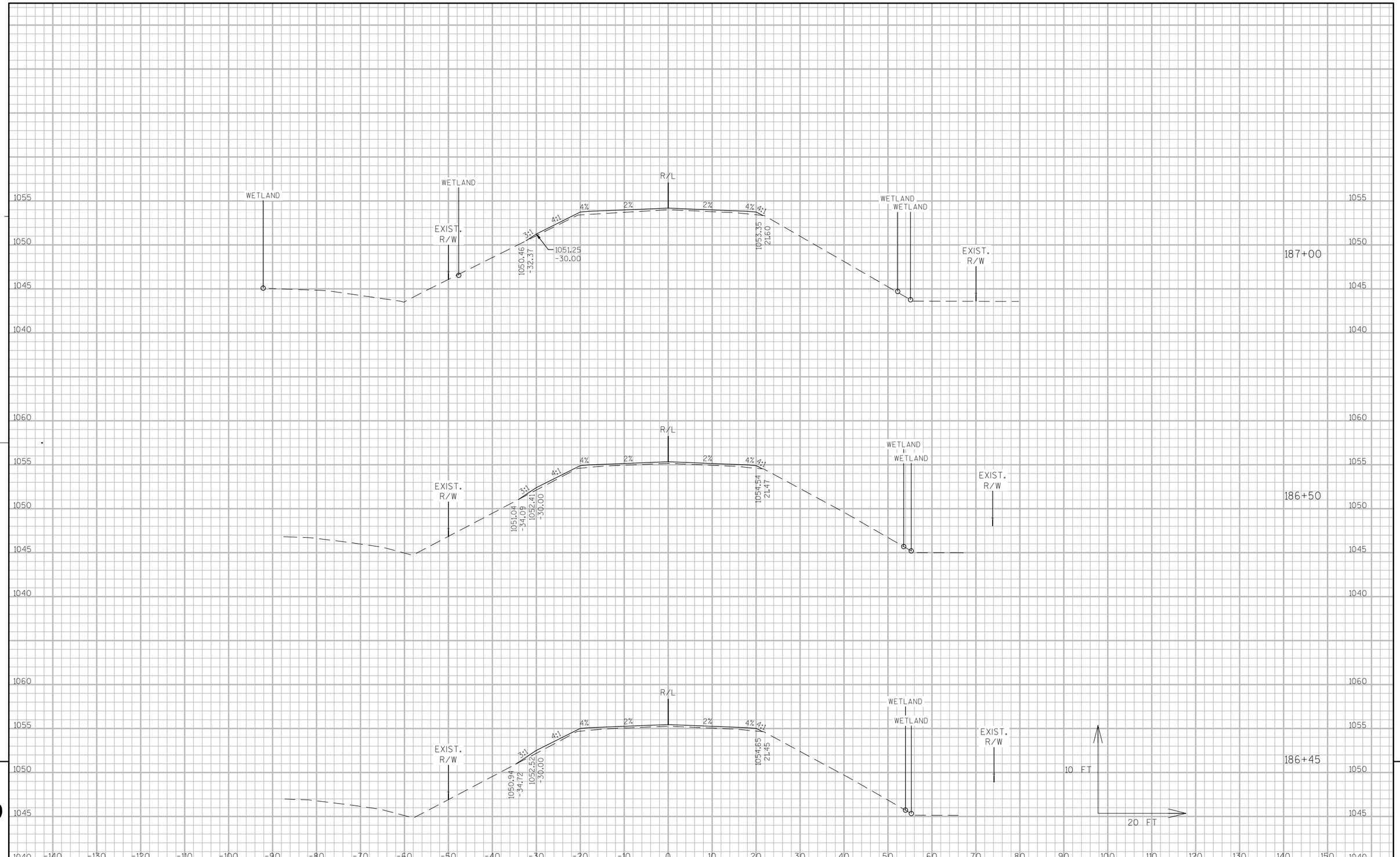
9

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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 329	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:29 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

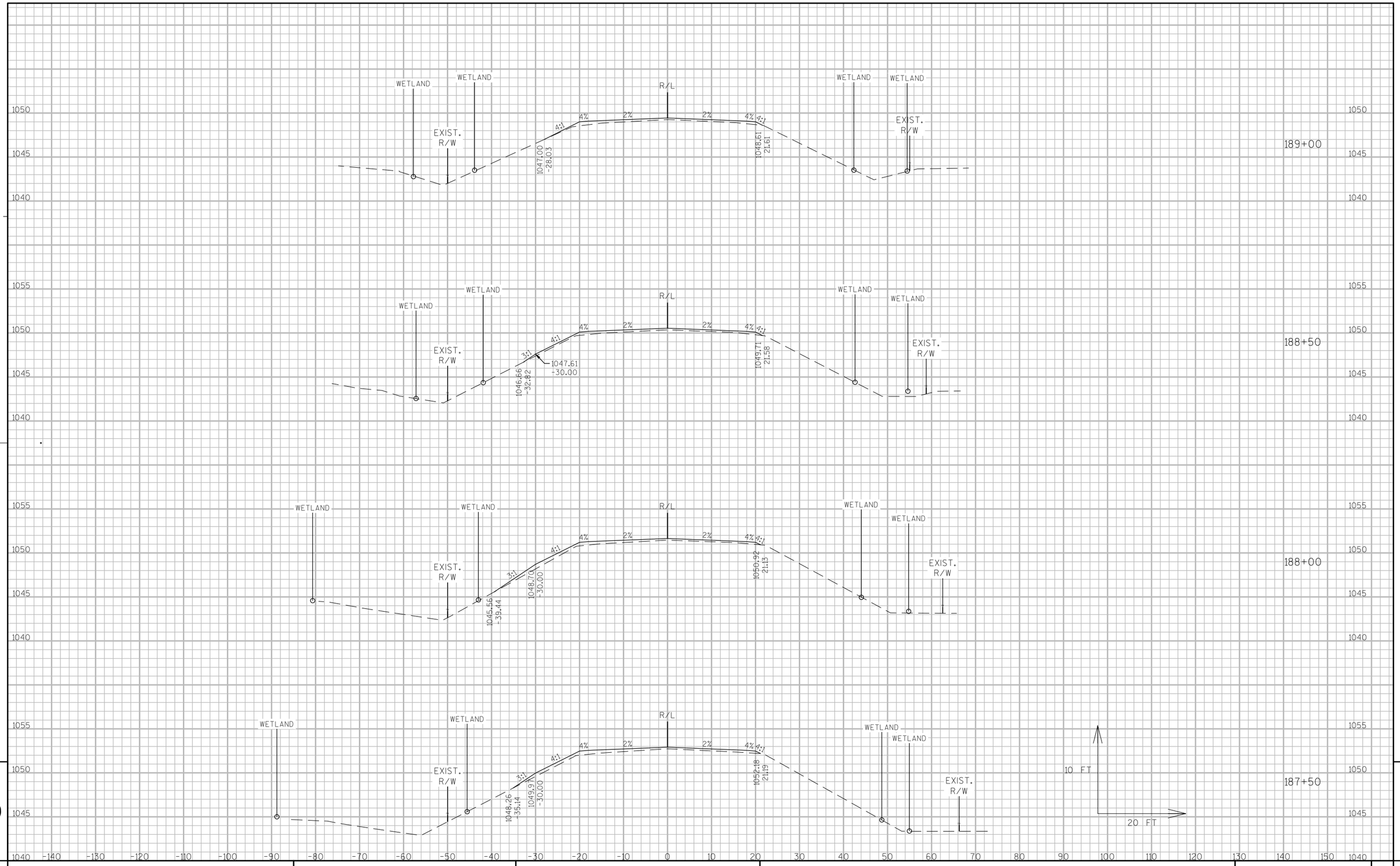
WISDOT/CADDS SHEET 49



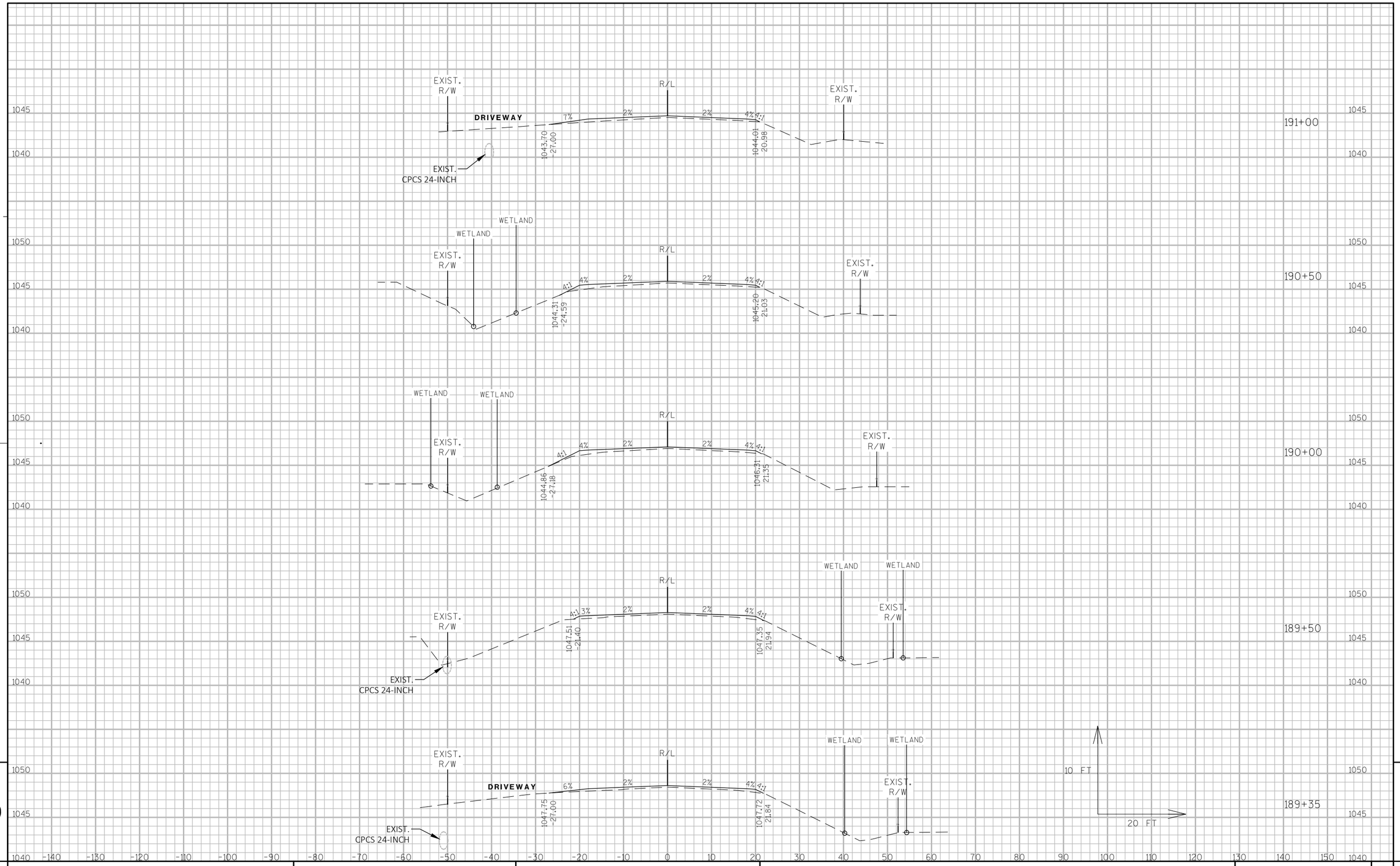
9

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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 330	E



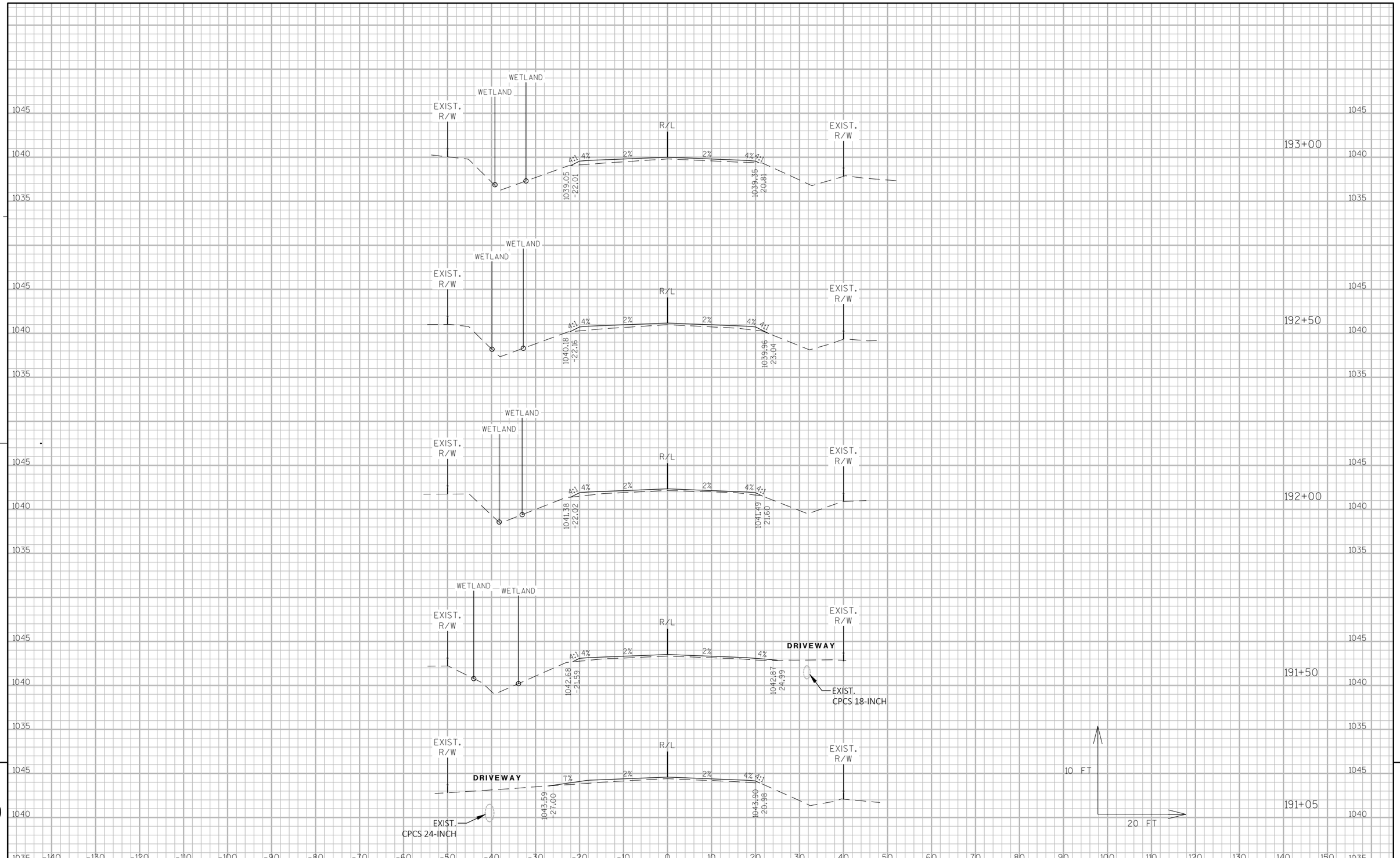
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 331	E



9

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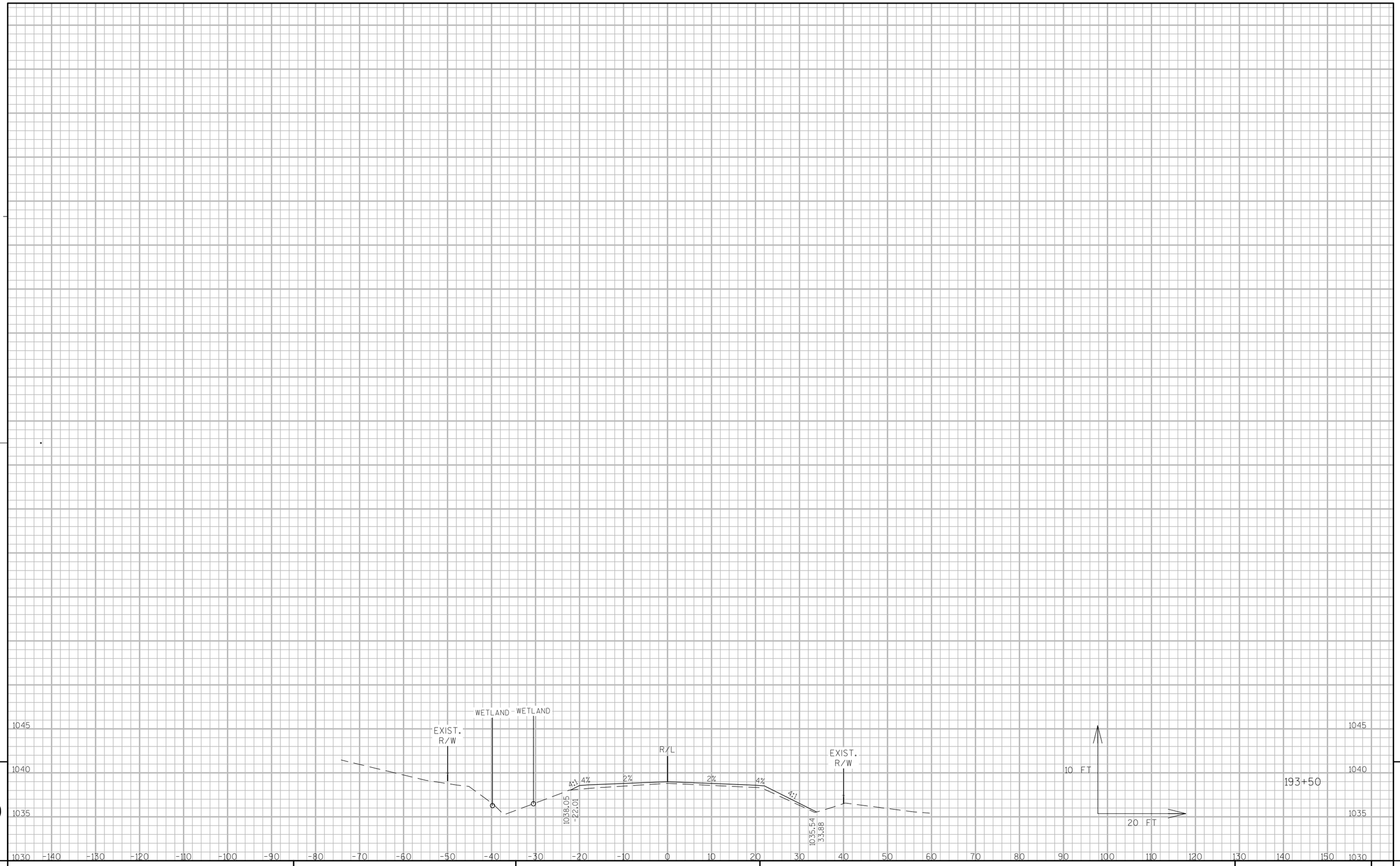
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 332	E



9

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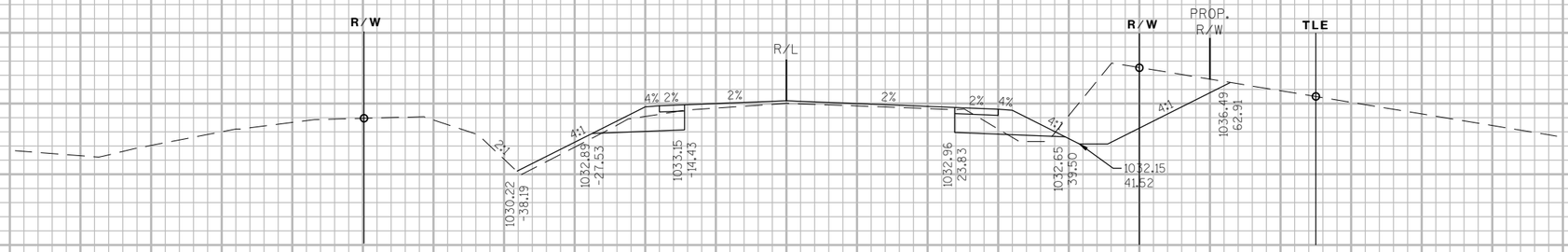
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 333	E

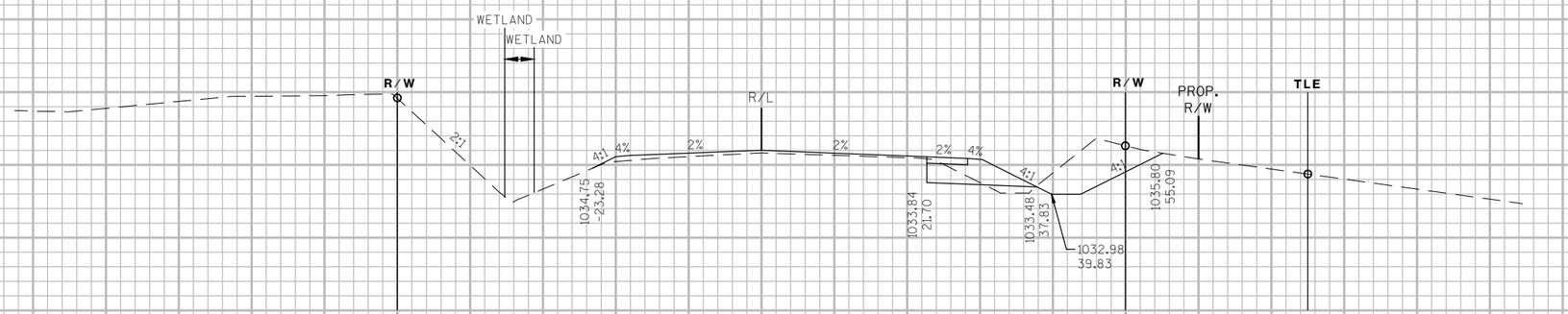


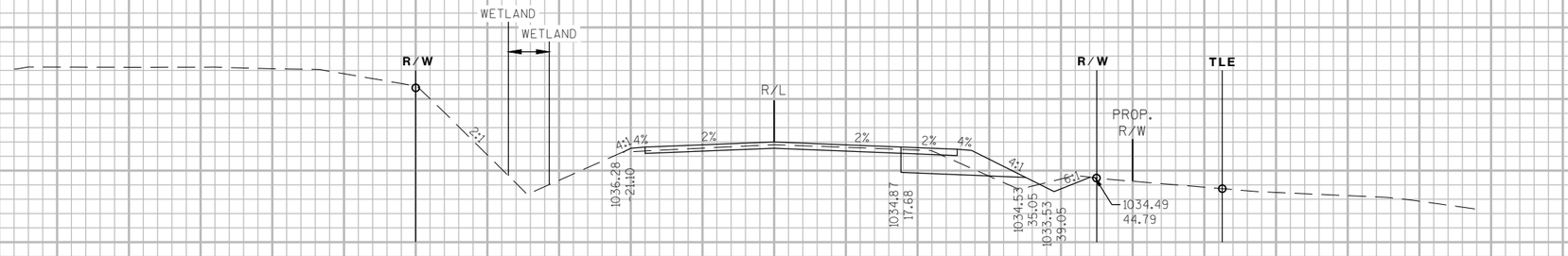
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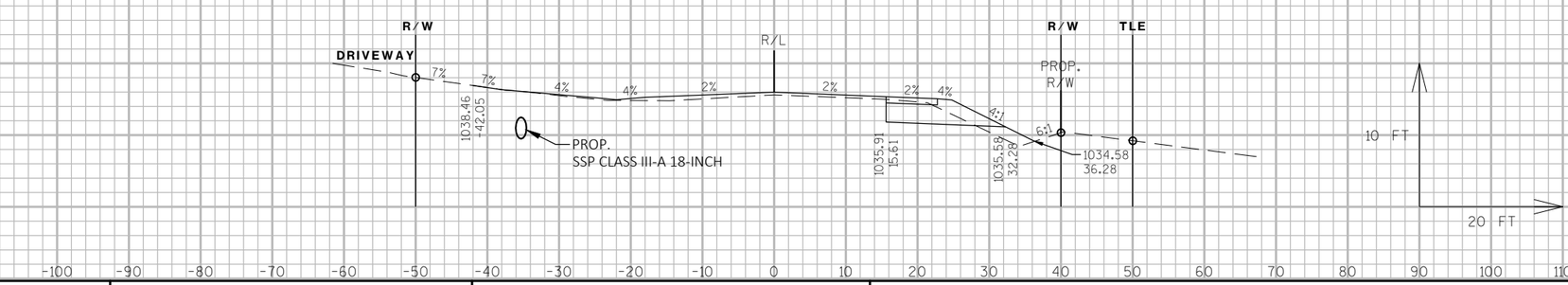
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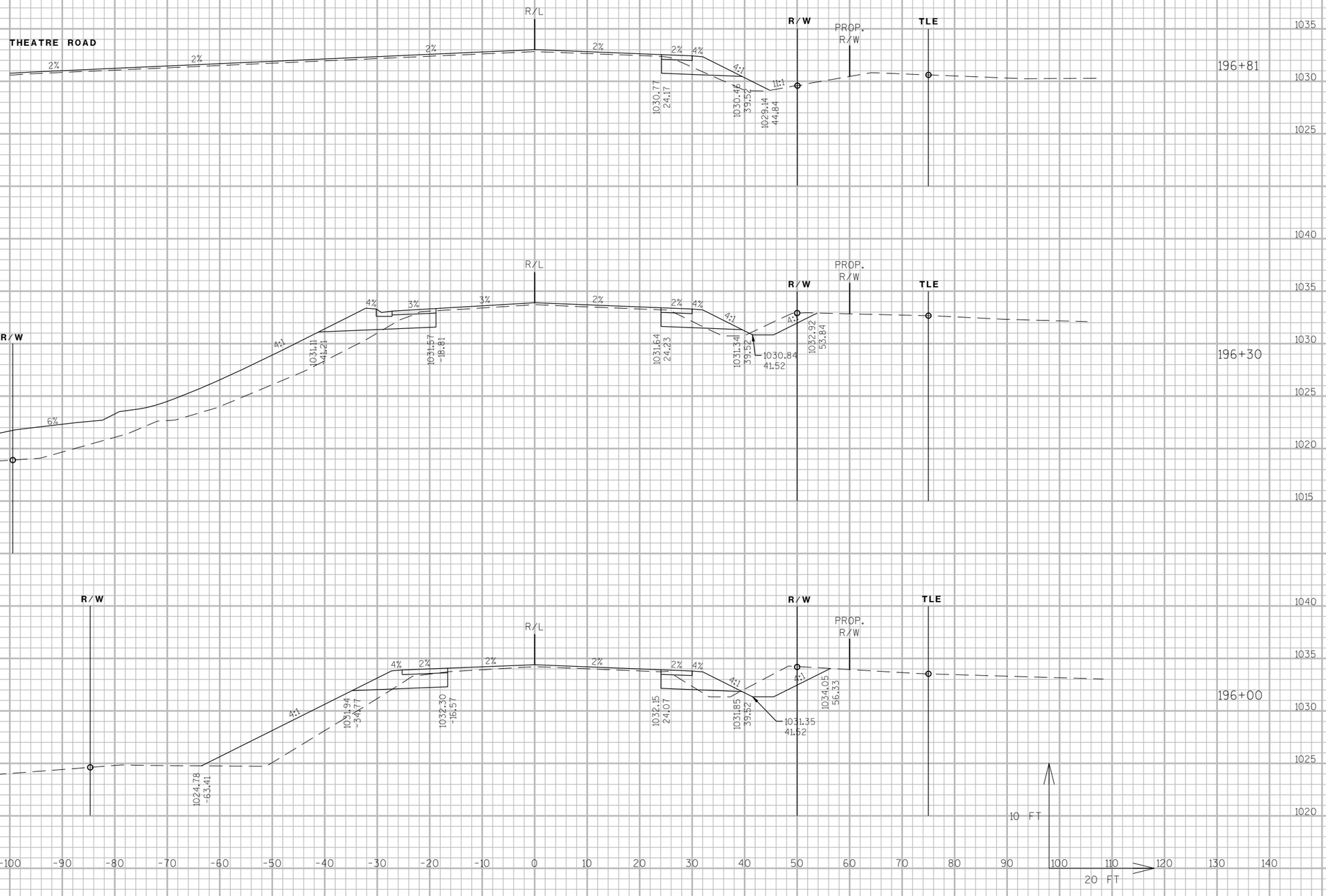
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 334	E


R/W
R/L
R/W
PROP. R/W
TLE
2:1
4:1
4%
2%
2%
2%
2%
4%
4:1
4:1
1030.22
38.19
1032.89
27.53
1033.15
14.43
1032.96
23.83
1032.65
39.50
1032.15
41.52
1036.49
62.91
195+50


WETLAND
WETLAND
R/W
R/L
R/W
PROP. R/W
TLE
2:1
4:1
4%
2%
2%
2%
2%
4%
4:1
4:1
1034.75
23.28
1033.84
21.70
1033.48
37.83
1032.98
39.83
1035.80
55.09
195+00


WETLAND
WETLAND
R/W
R/L
R/W
TLE
PROP. R/W
2:1
4:1
4%
2%
2%
2%
2%
4%
4:1
6:1
1036.28
21.10
1034.87
17.88
1034.53
35.05
1033.53
34.05
1034.49
44.79
194+50

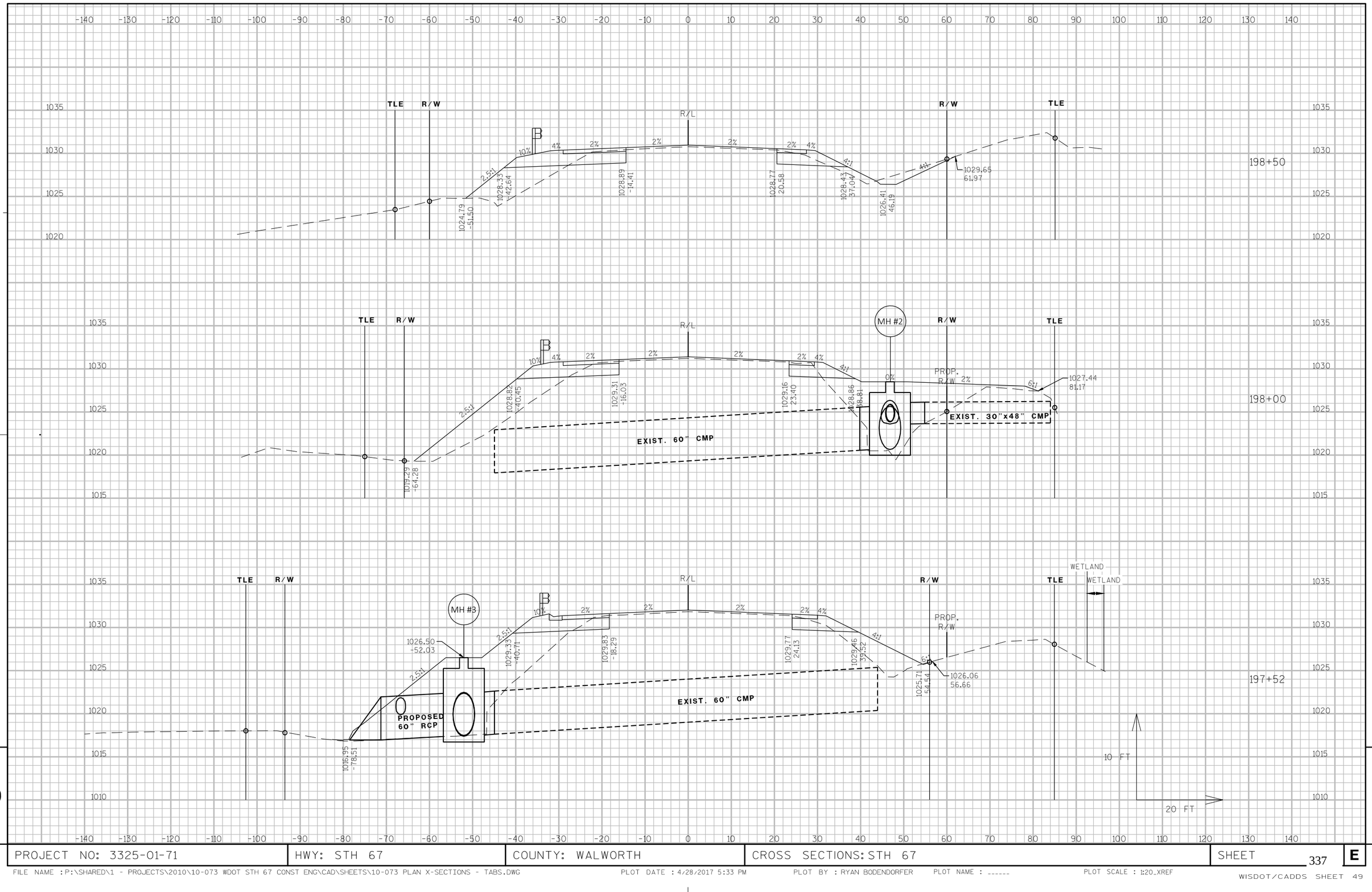

R/W
DRIVEWAY
R/L
R/W
TLE
PROP. R/W
7%
7%
4%
4%
2%
2%
2%
4%
4:1
6:1
1038.46
42.05
1035.91
15.61
1035.58
32.28
1034.58
36.28
PROP.
SSP CLASS III-A 18-INCH
10 FT
20 FT
194+00



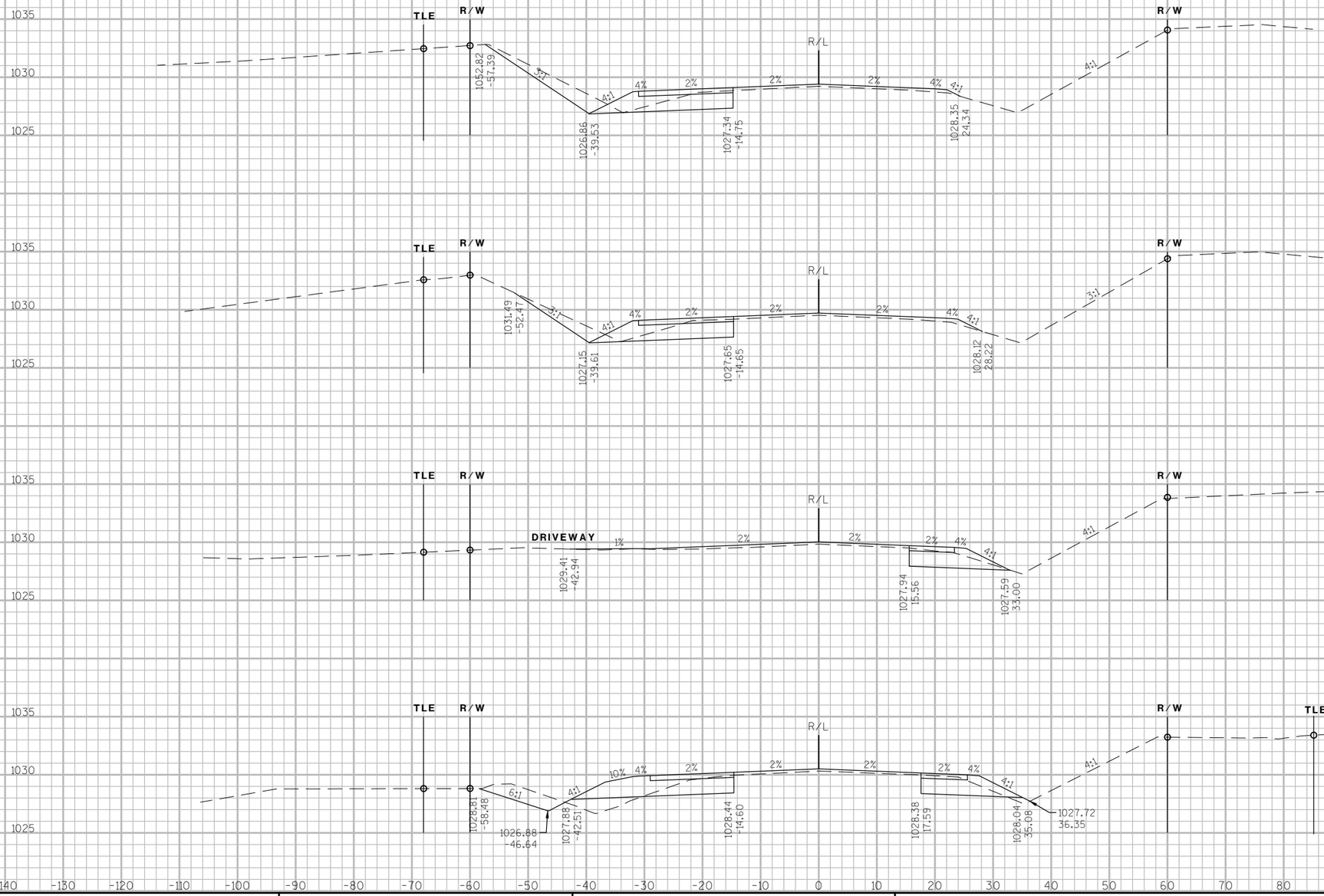
9

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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 336	E



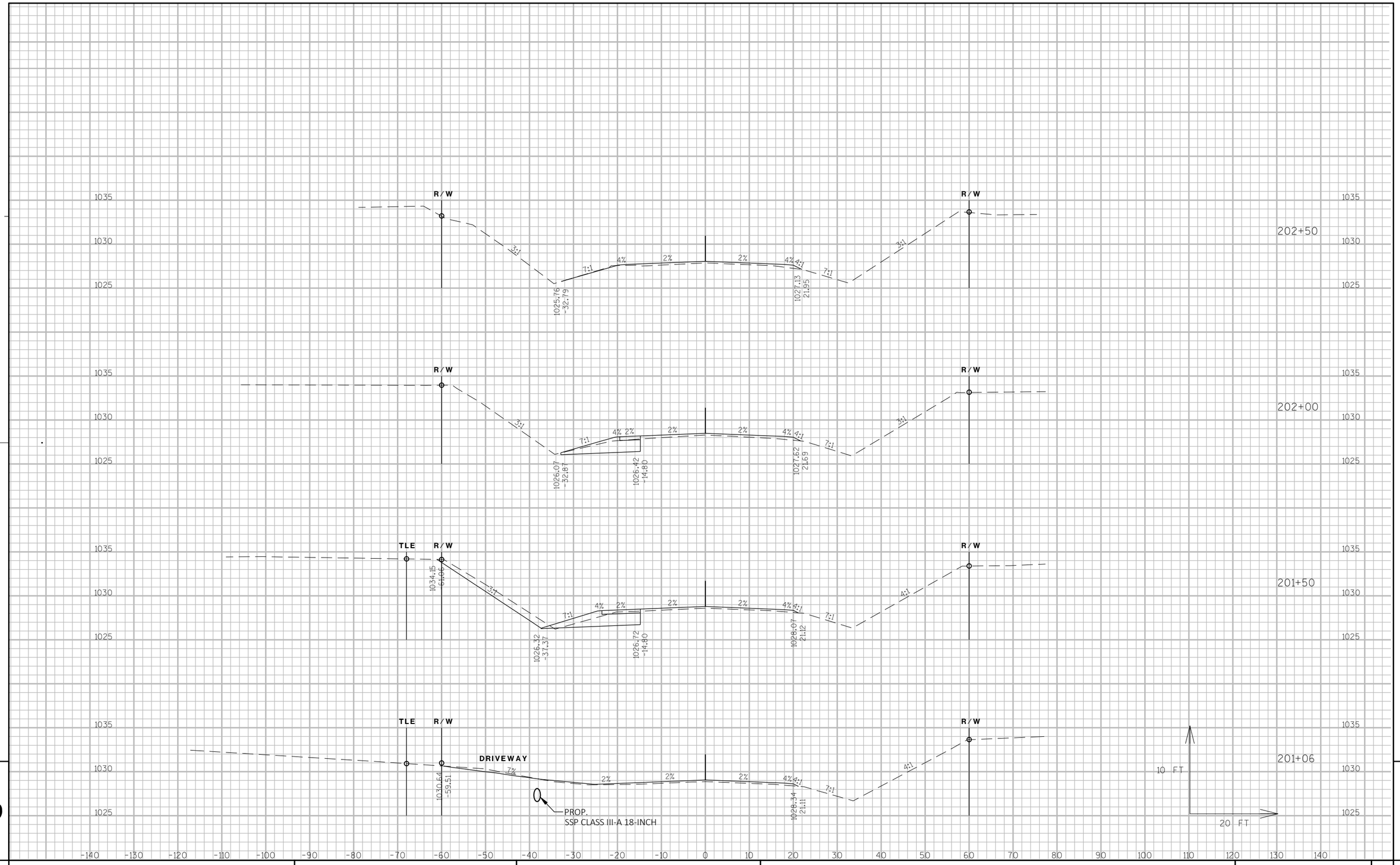
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 337	E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 338 E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:33 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

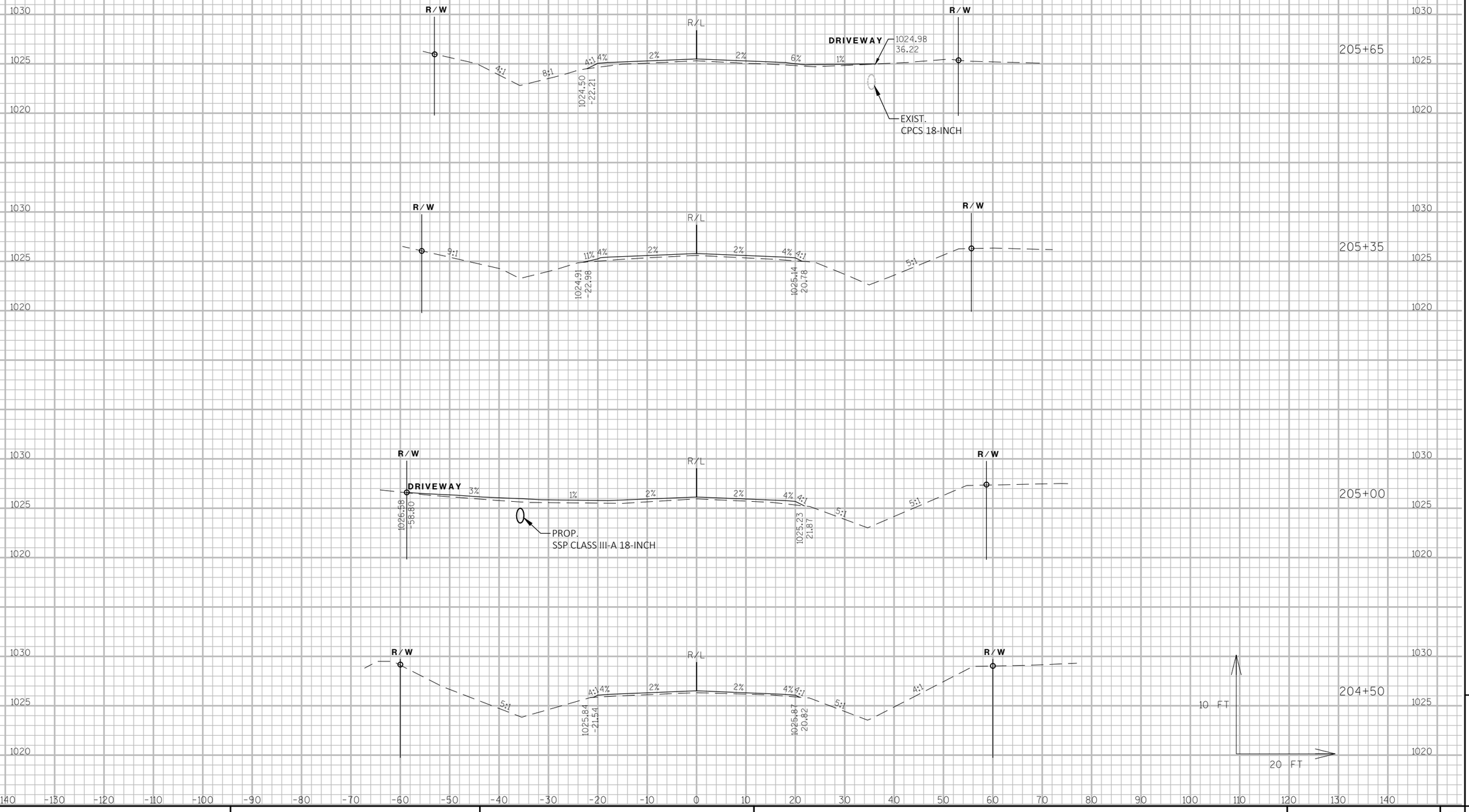
WISDOT/CADDS SHEET 49



9

9

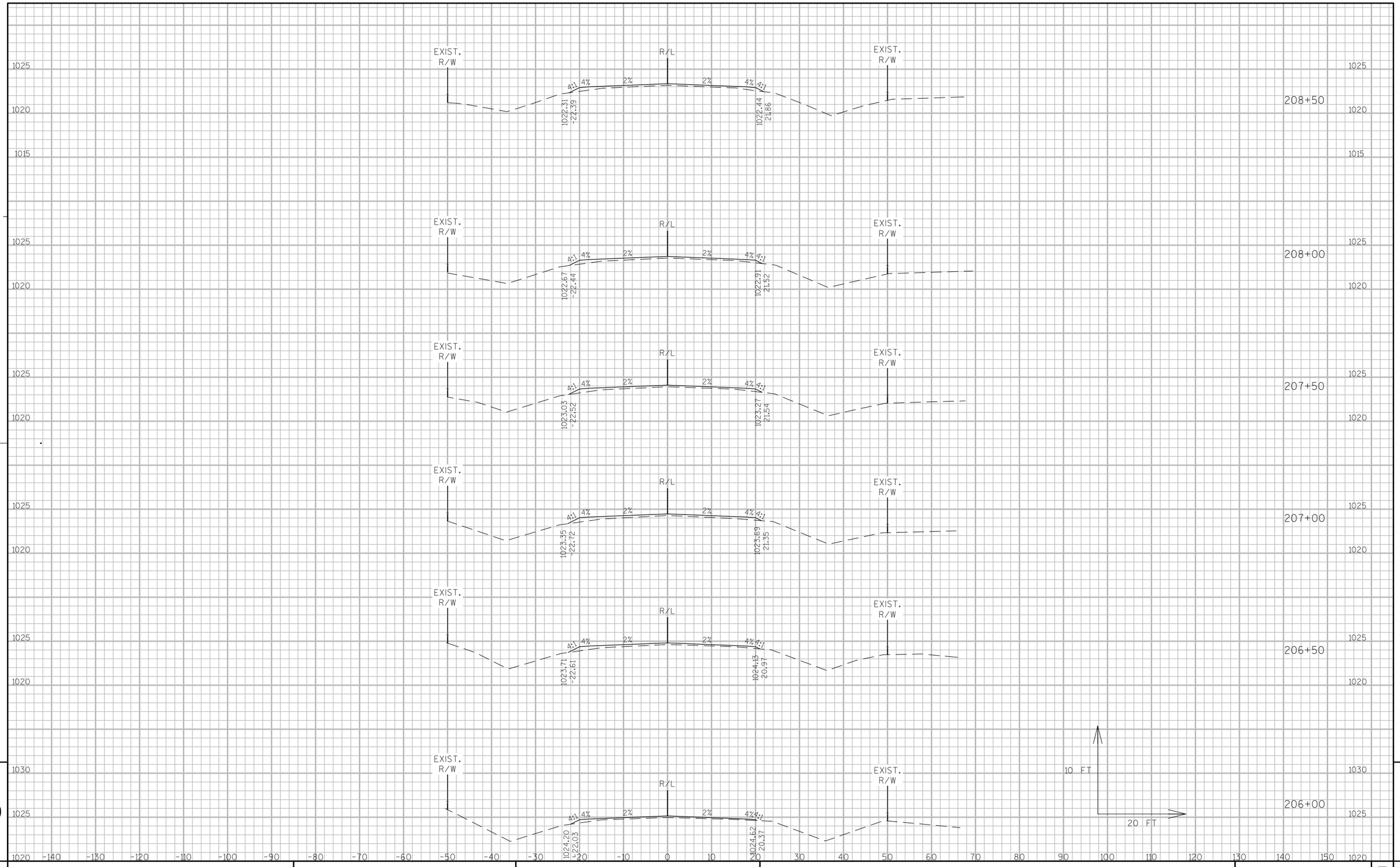
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 339	E



9

9

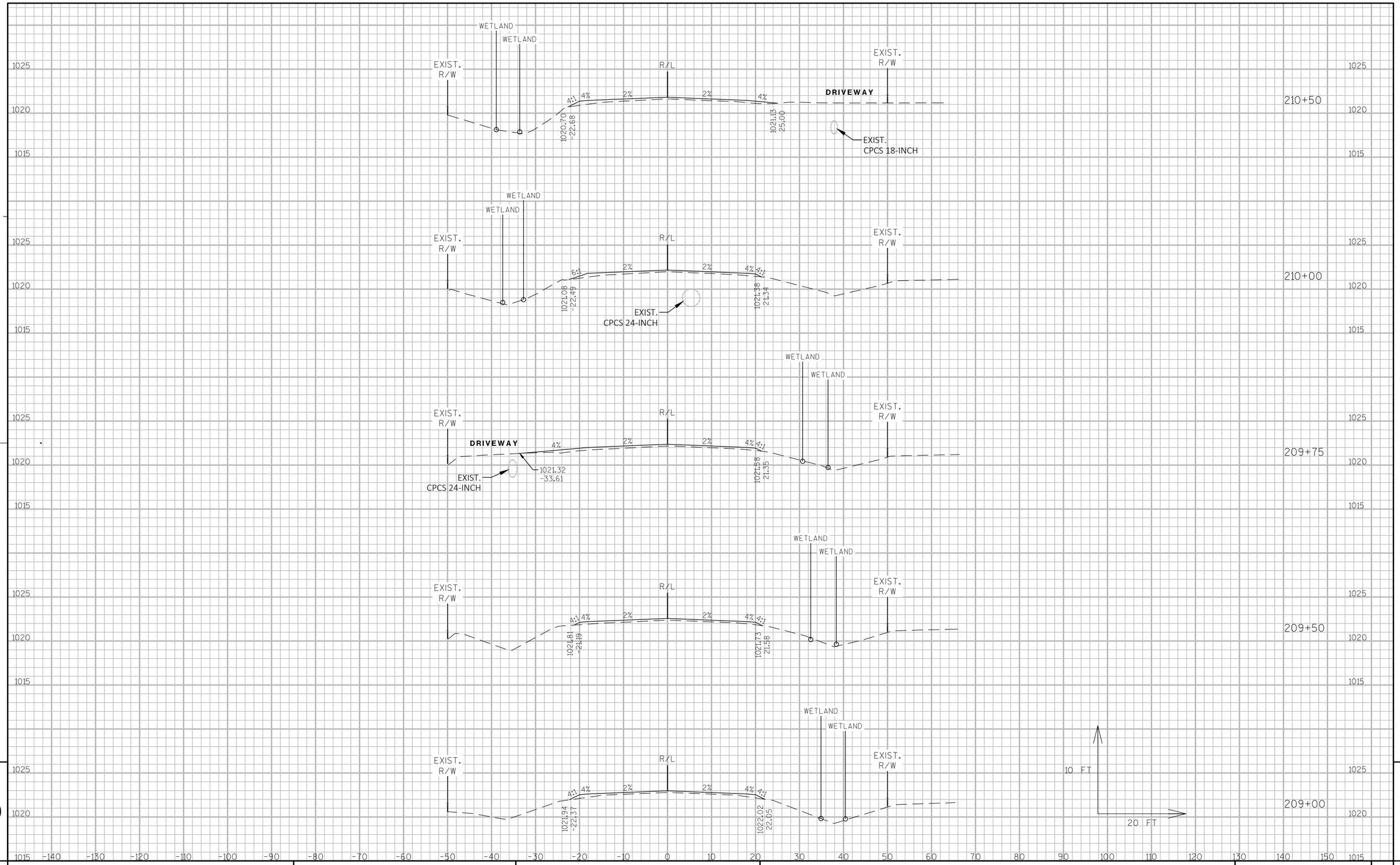
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 340	E



9

9

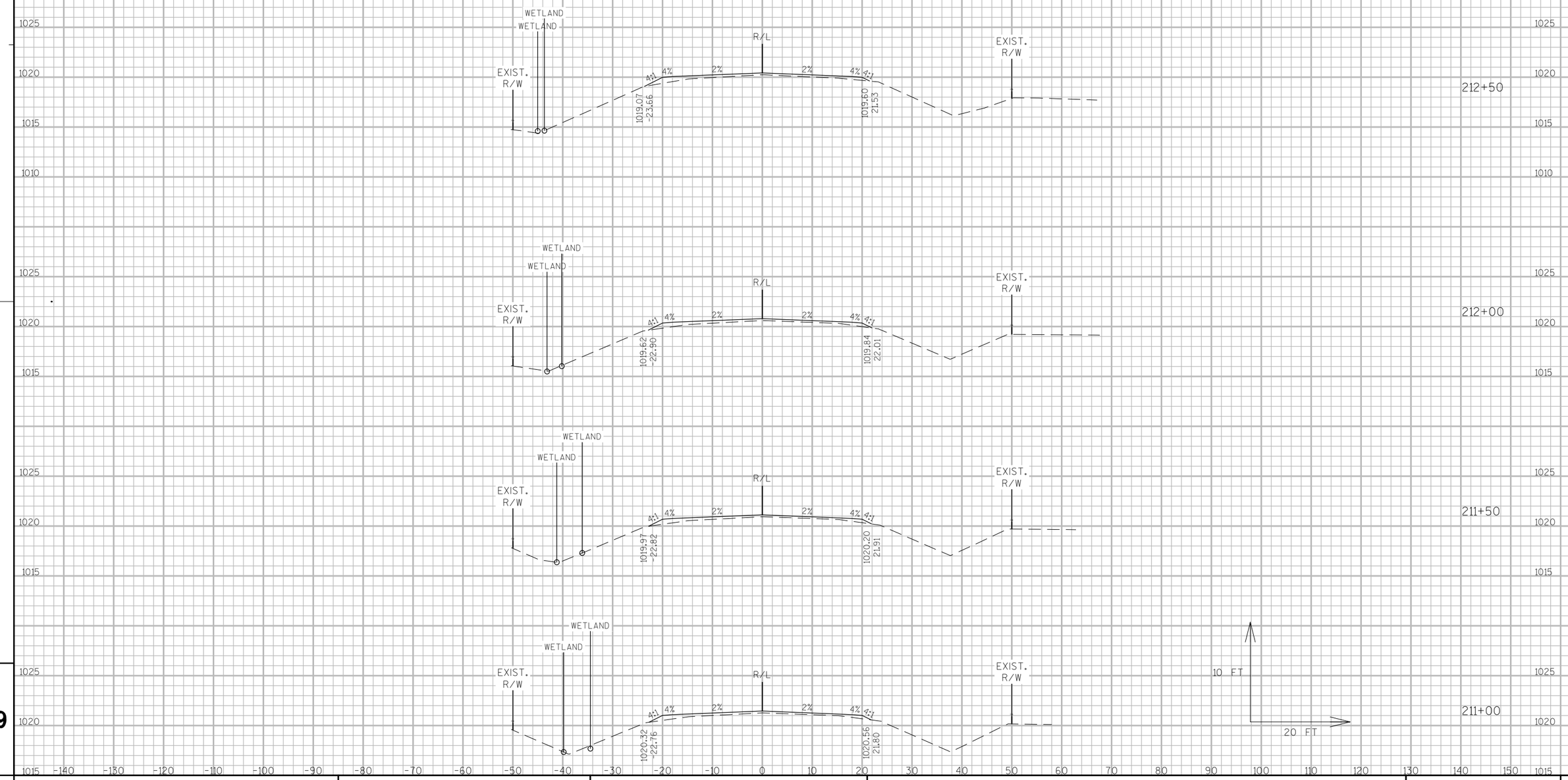
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 341	E



9

9

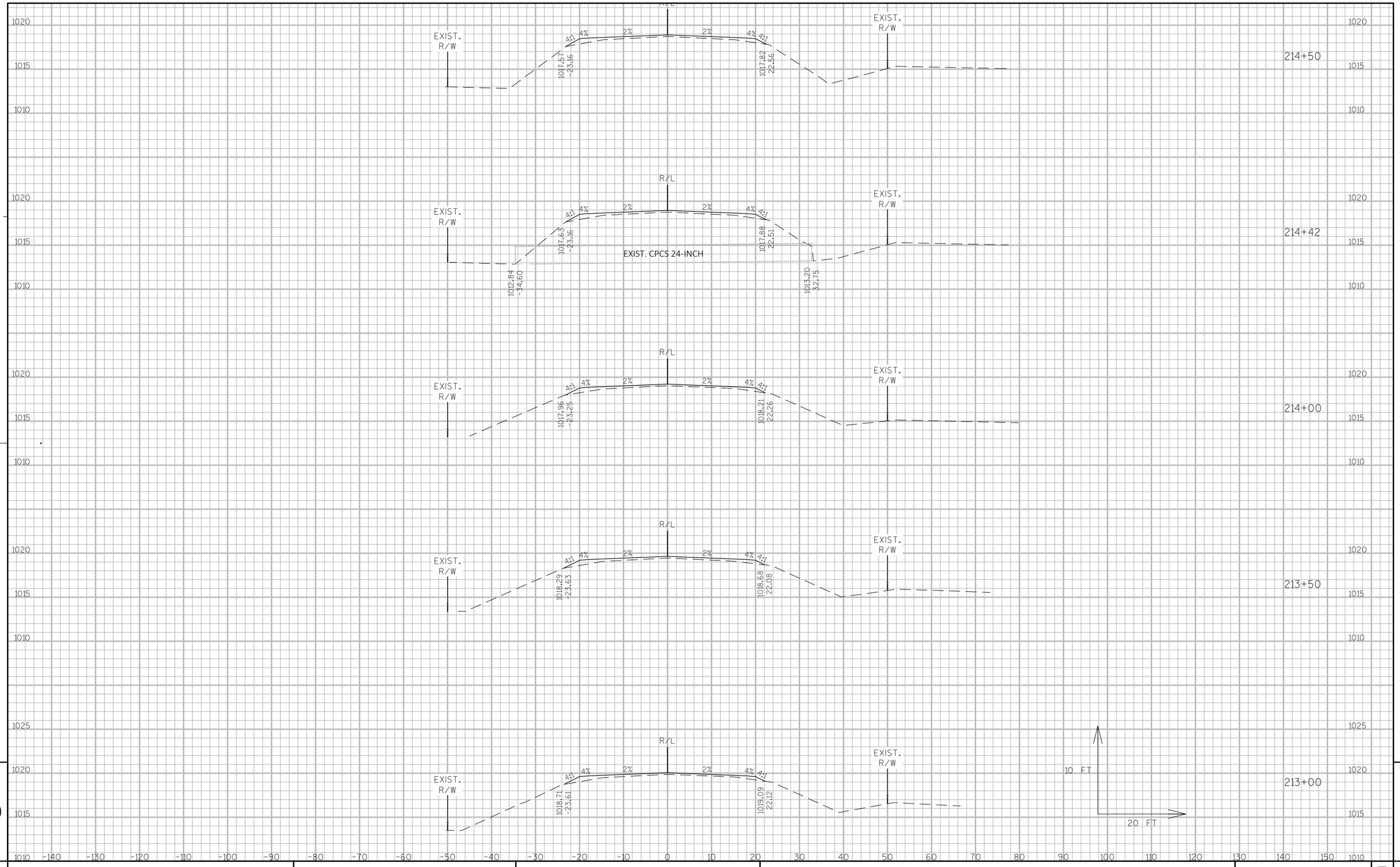
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 342	E



9

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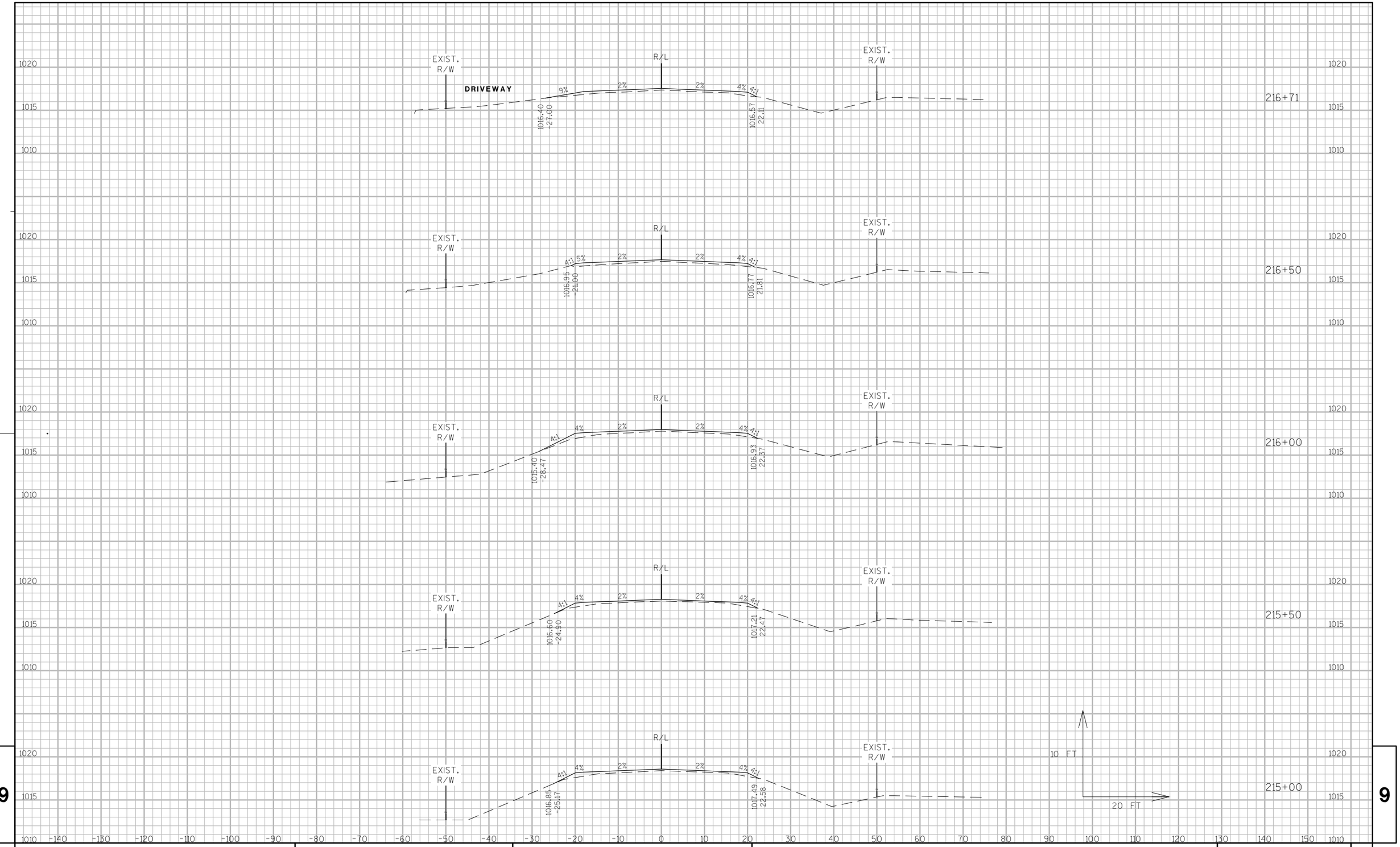
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 343	E



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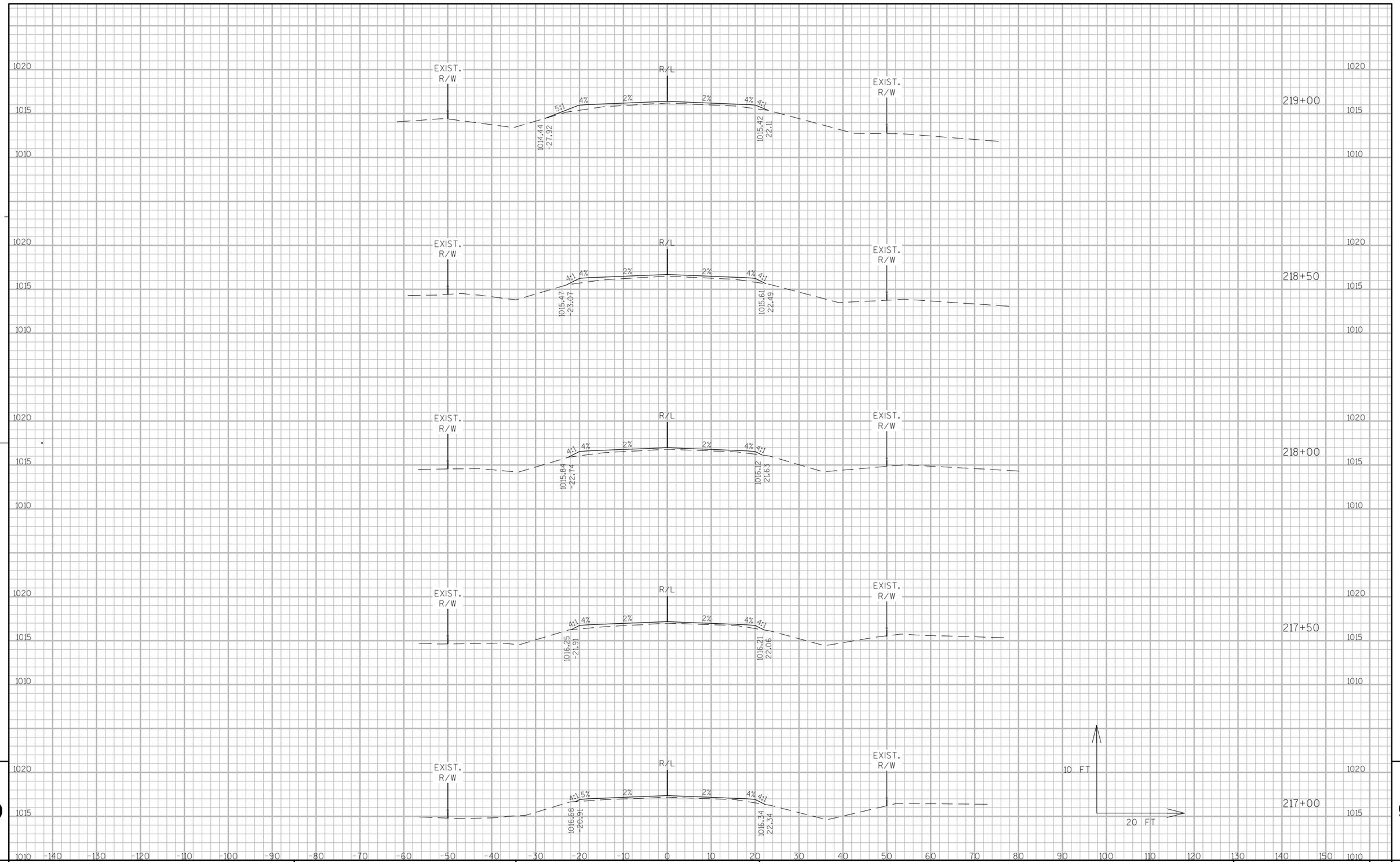
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 344	E



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 345	E

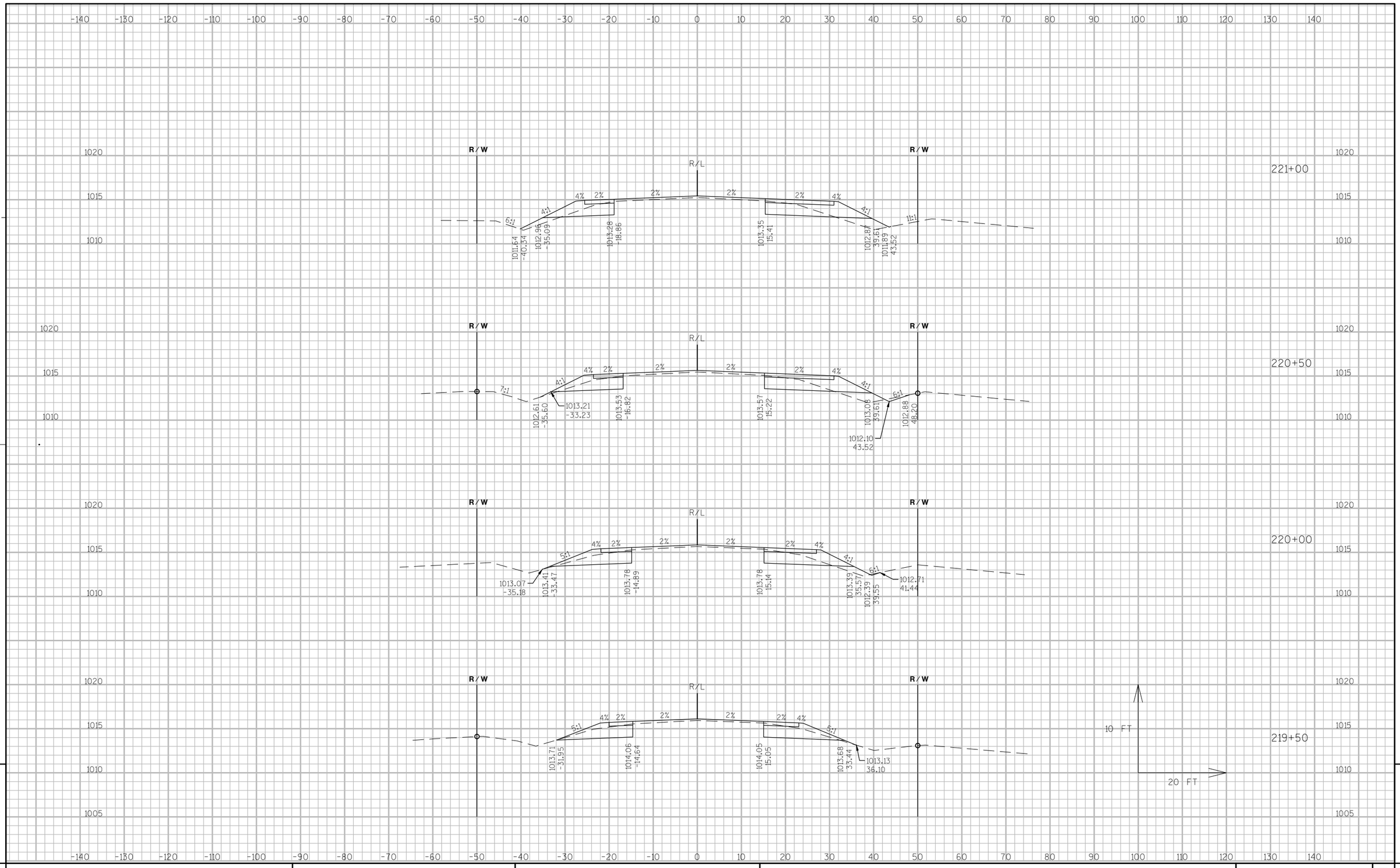


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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 346	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:37 PM PLOT BY : RYAN BODENDORFER PLOT NAME : _____ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

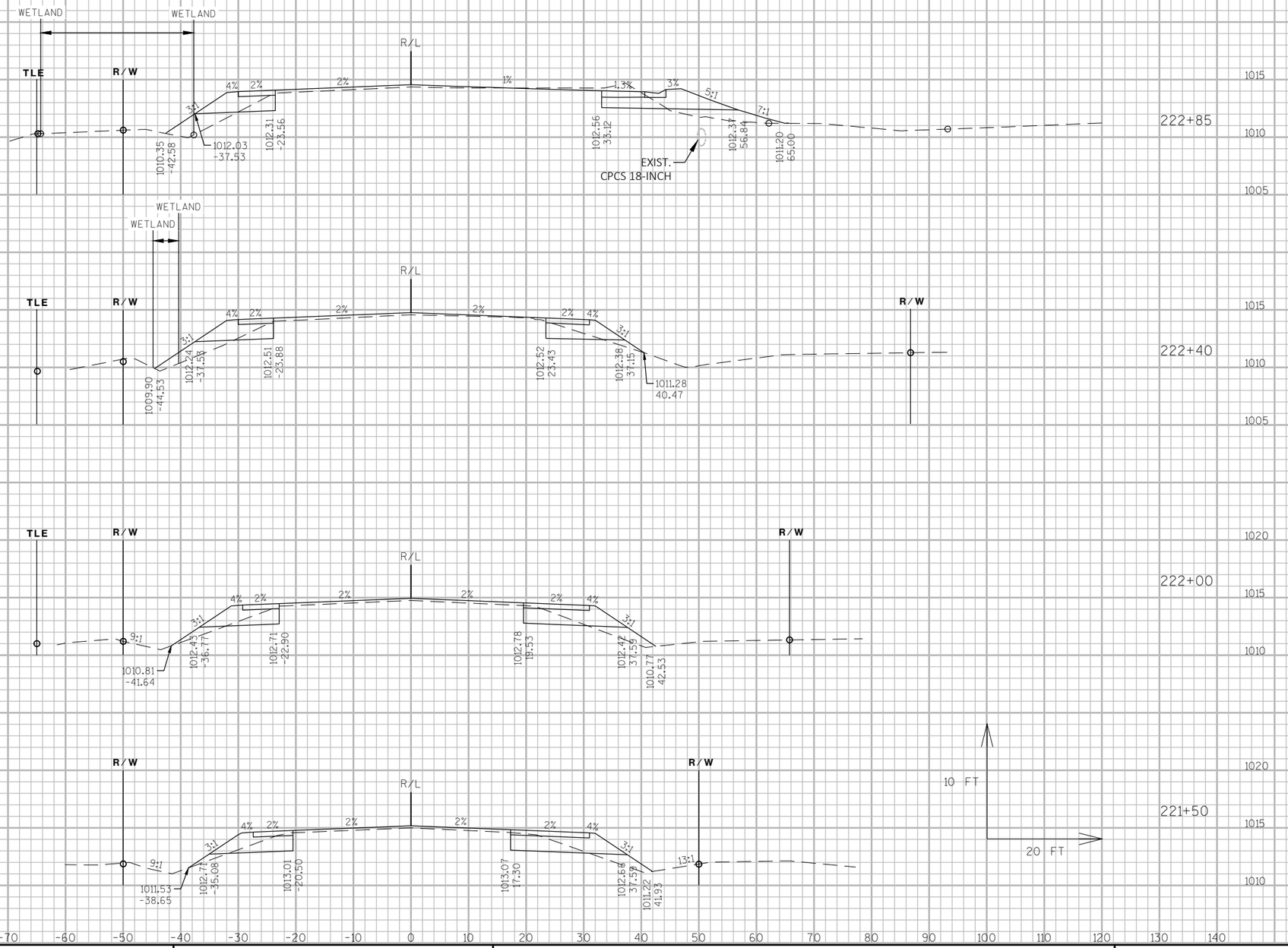


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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 347	E

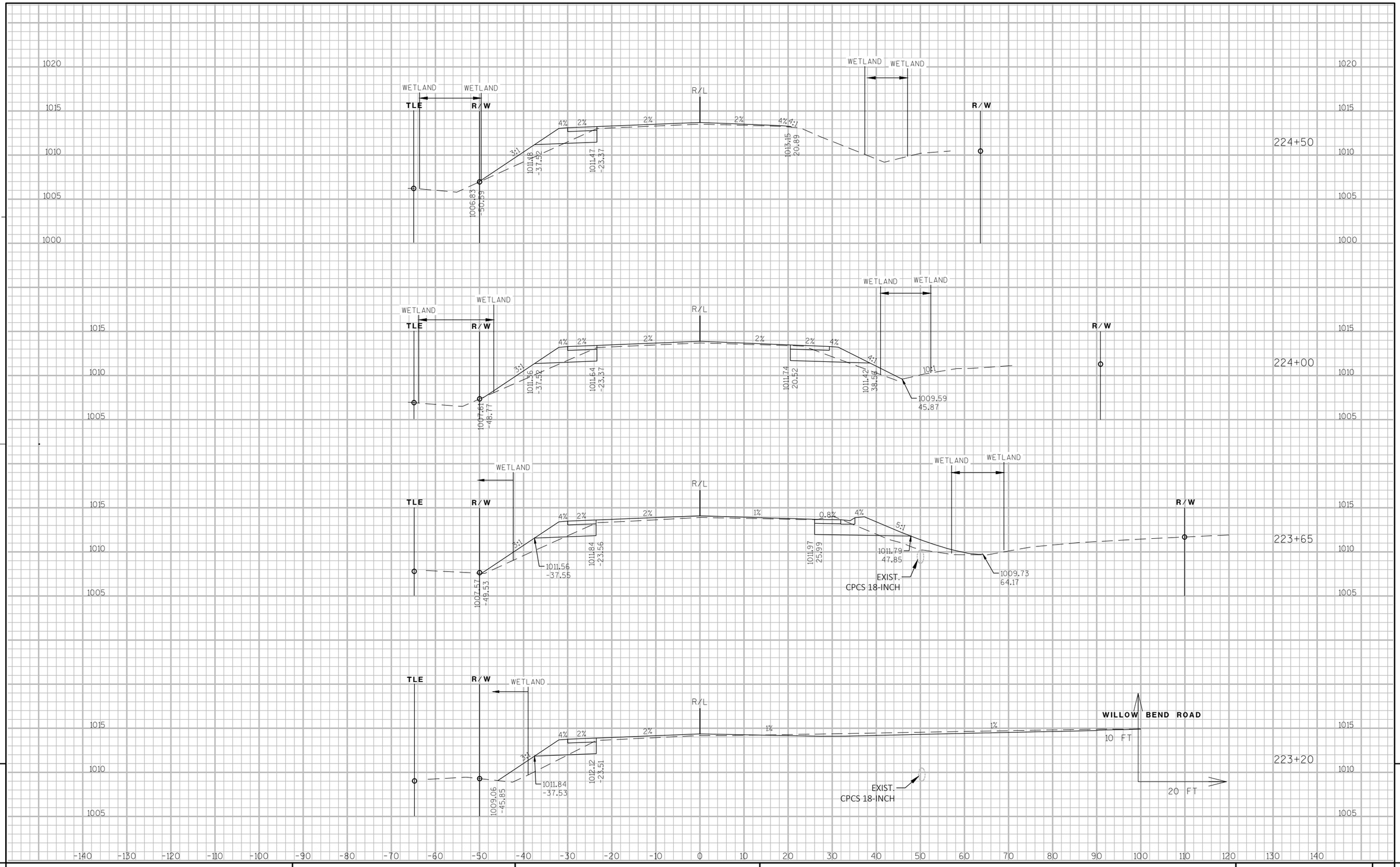
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:38 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



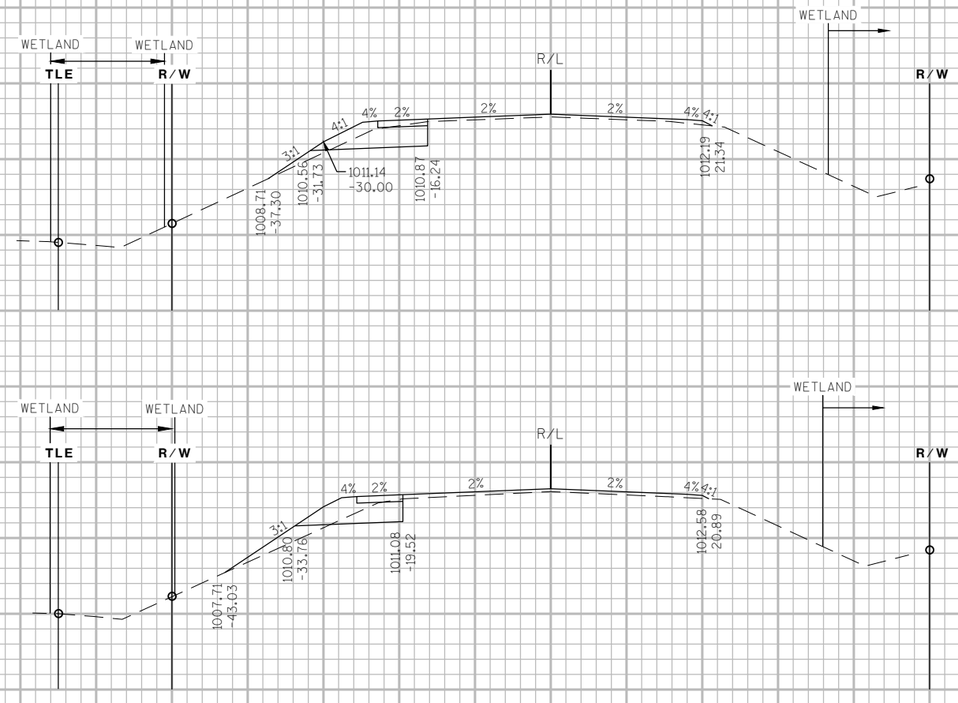
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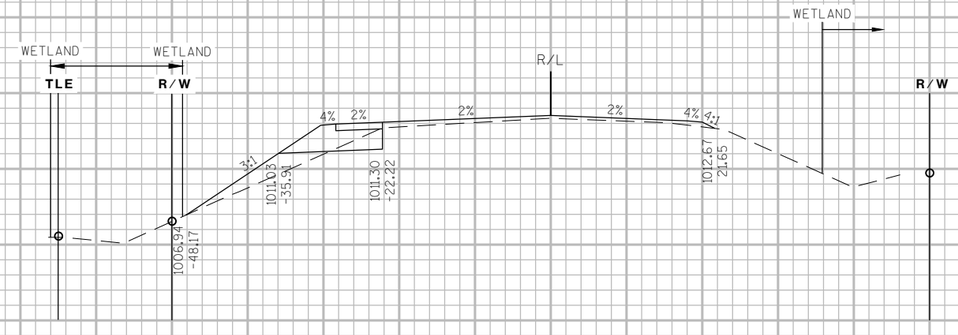
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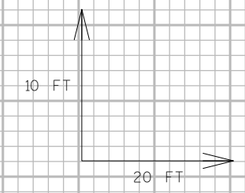
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 348	E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 349	E







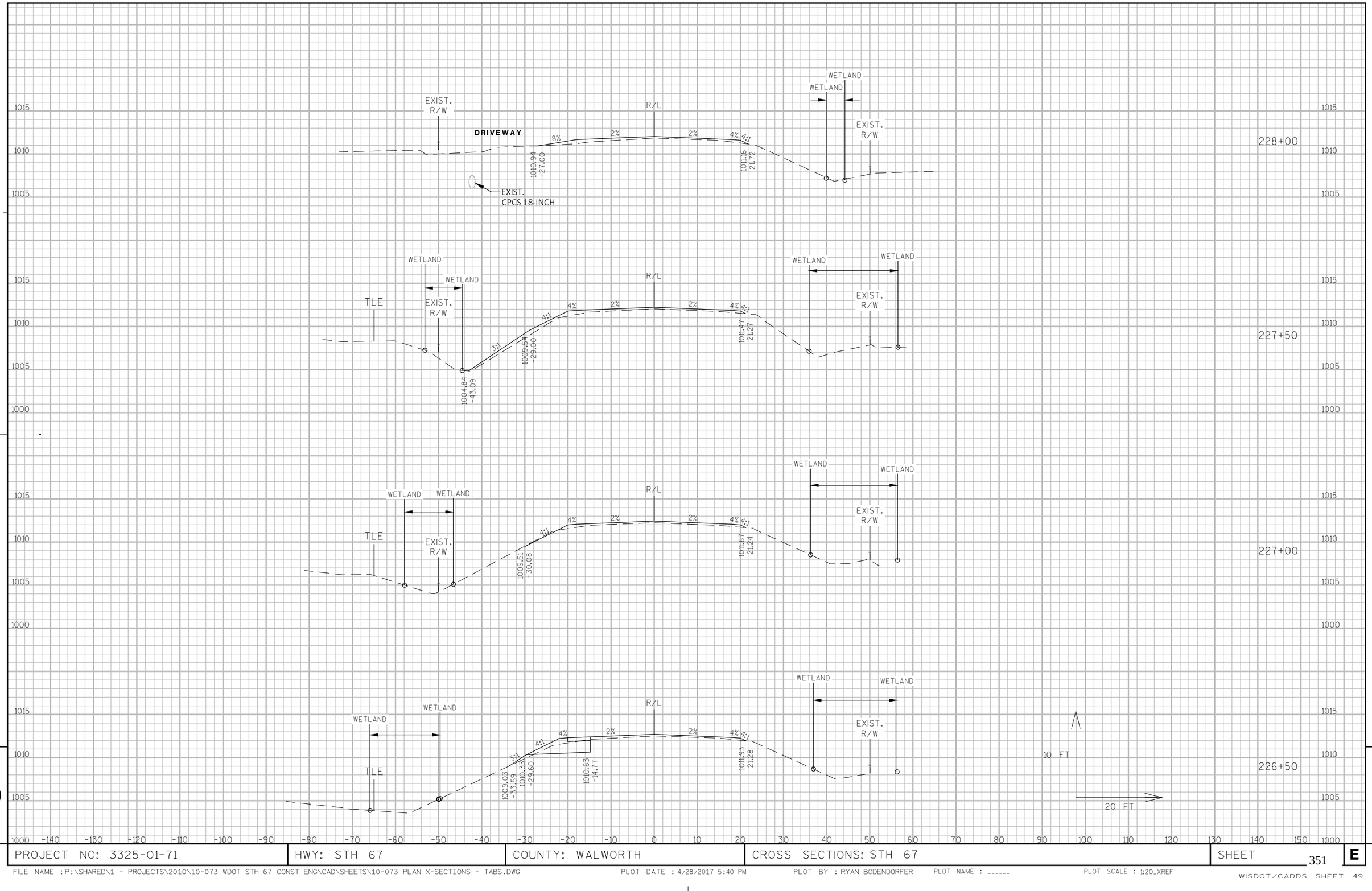
-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 350	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:40 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

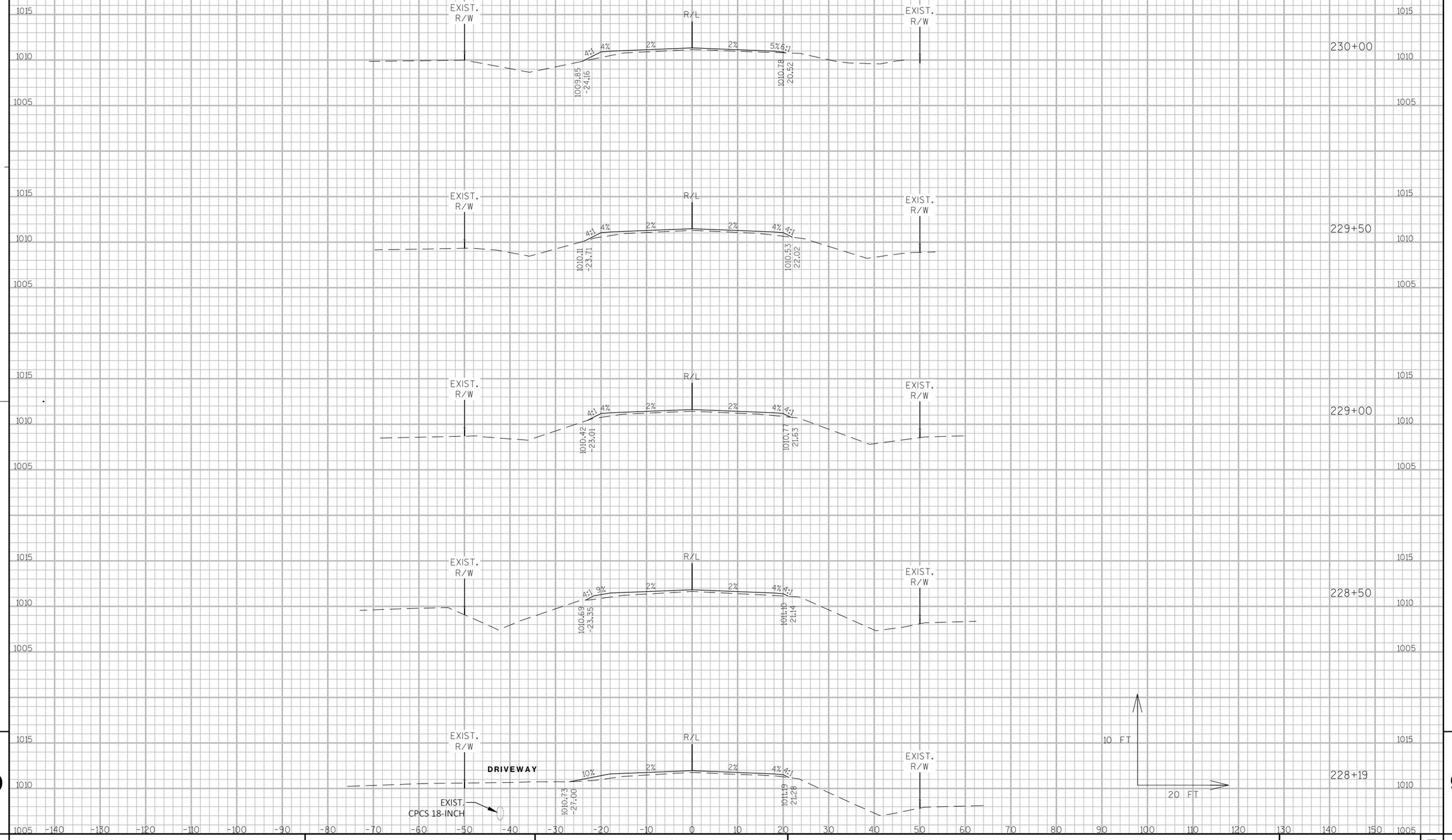


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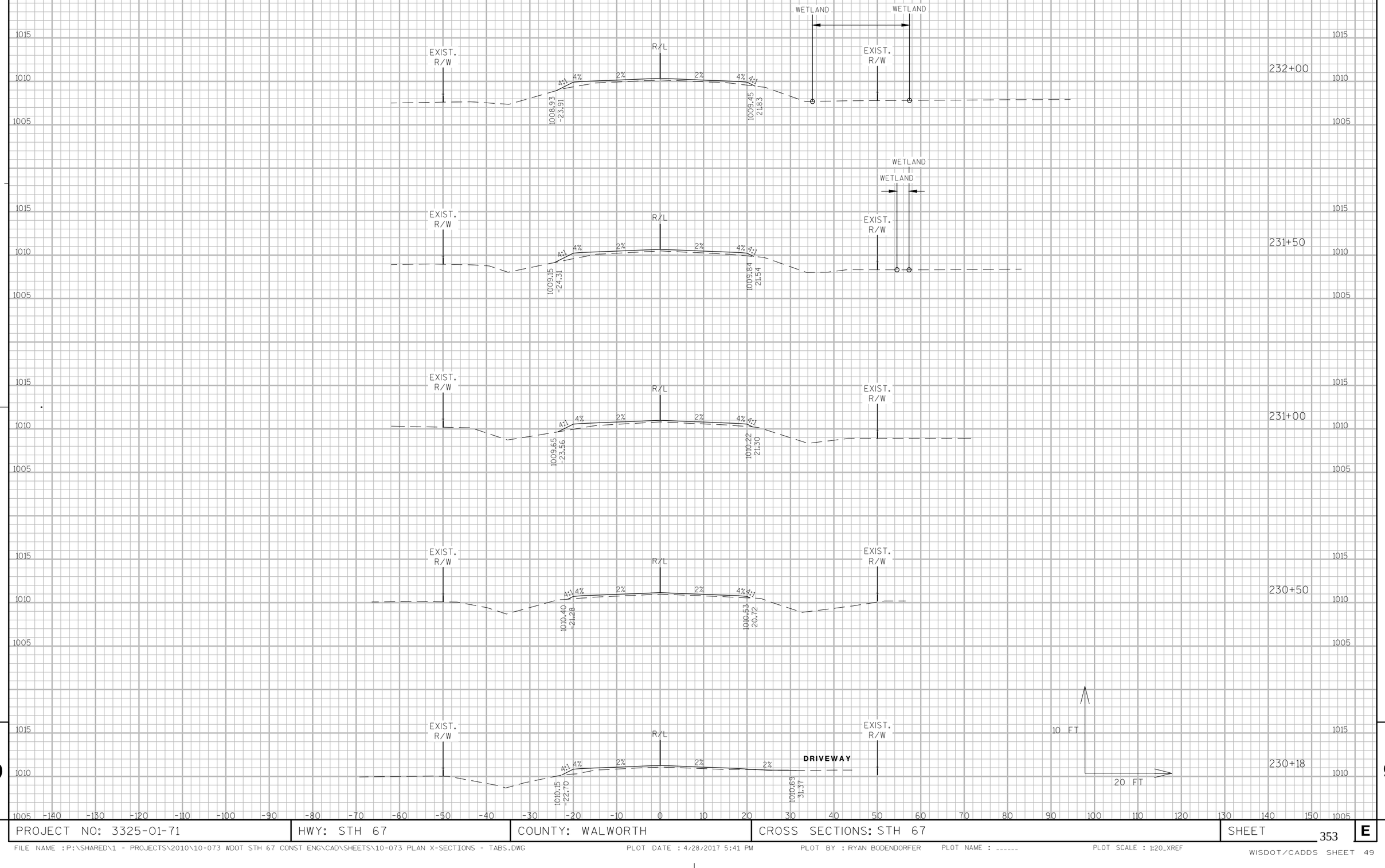
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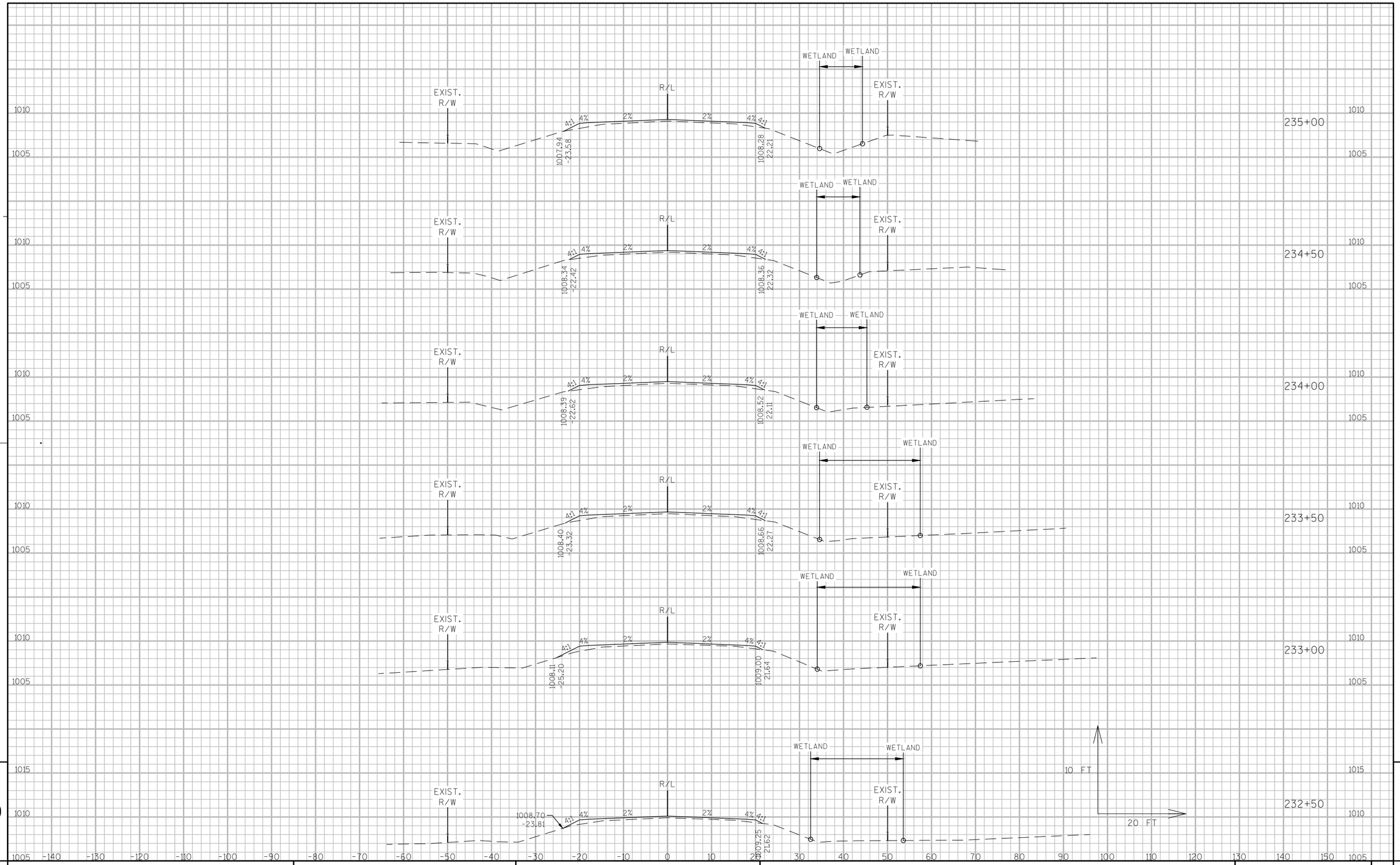
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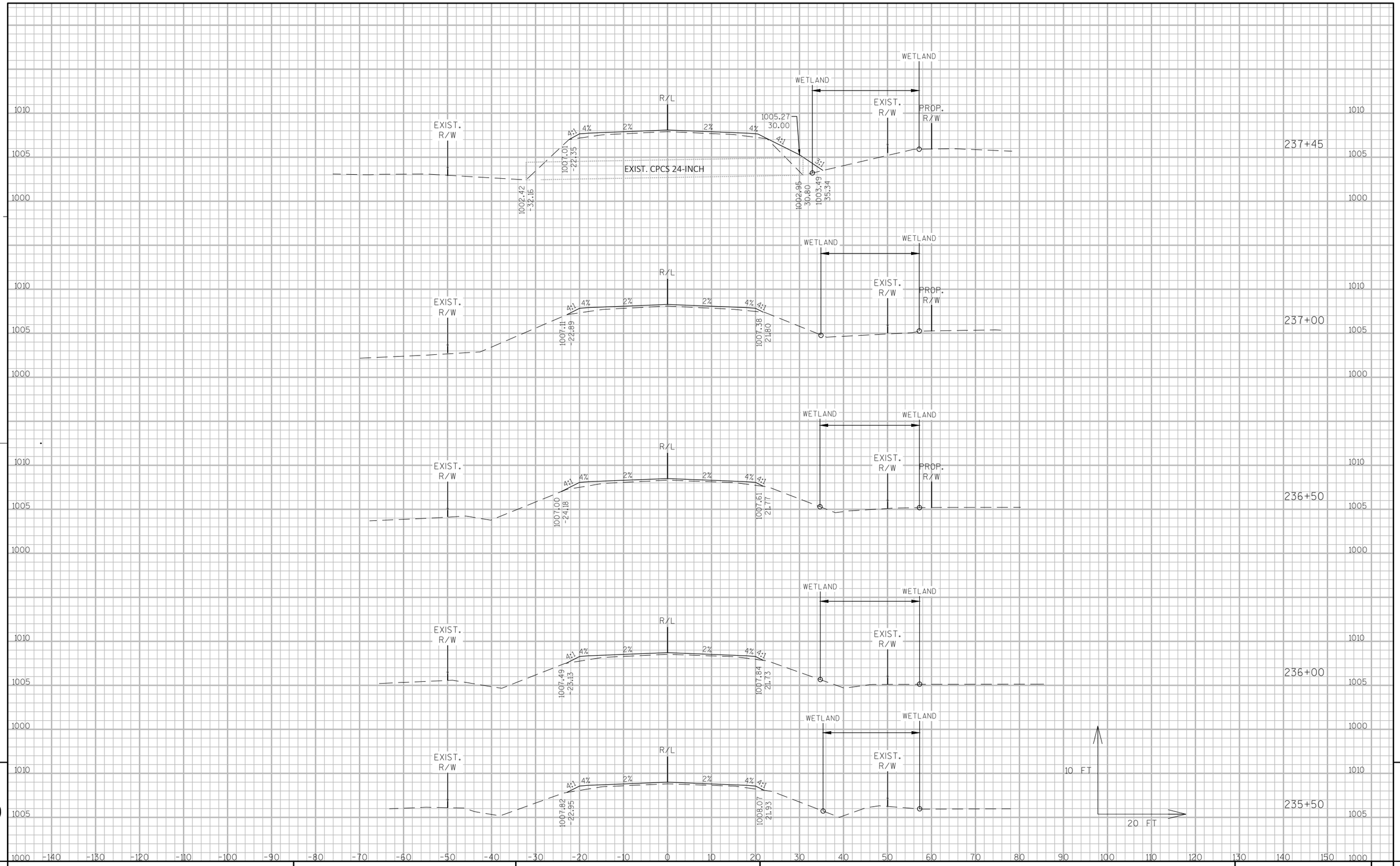
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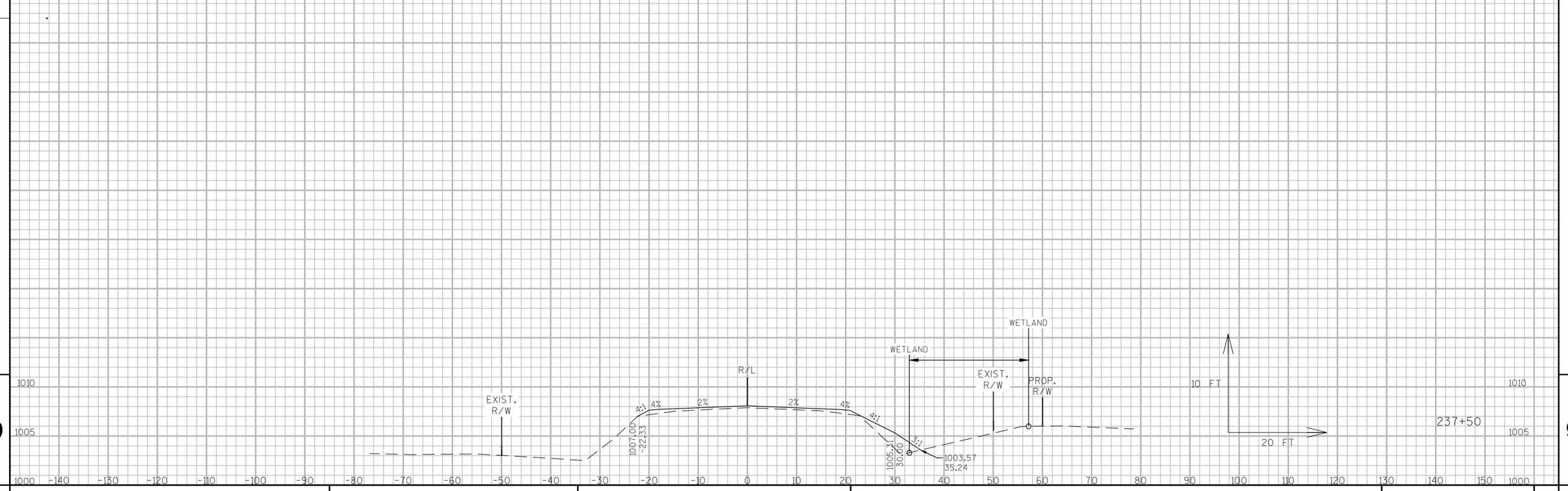
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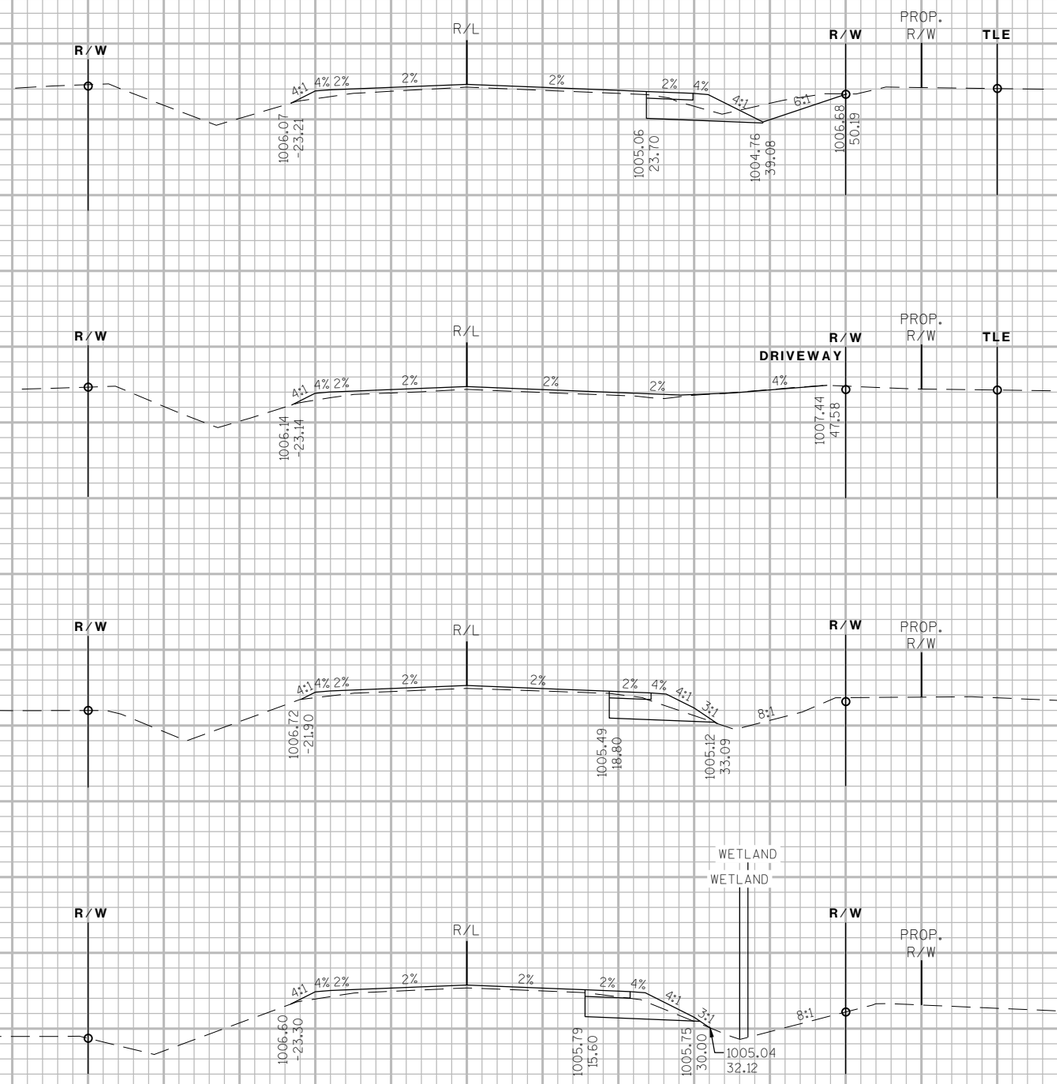
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 355	E



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 356	E

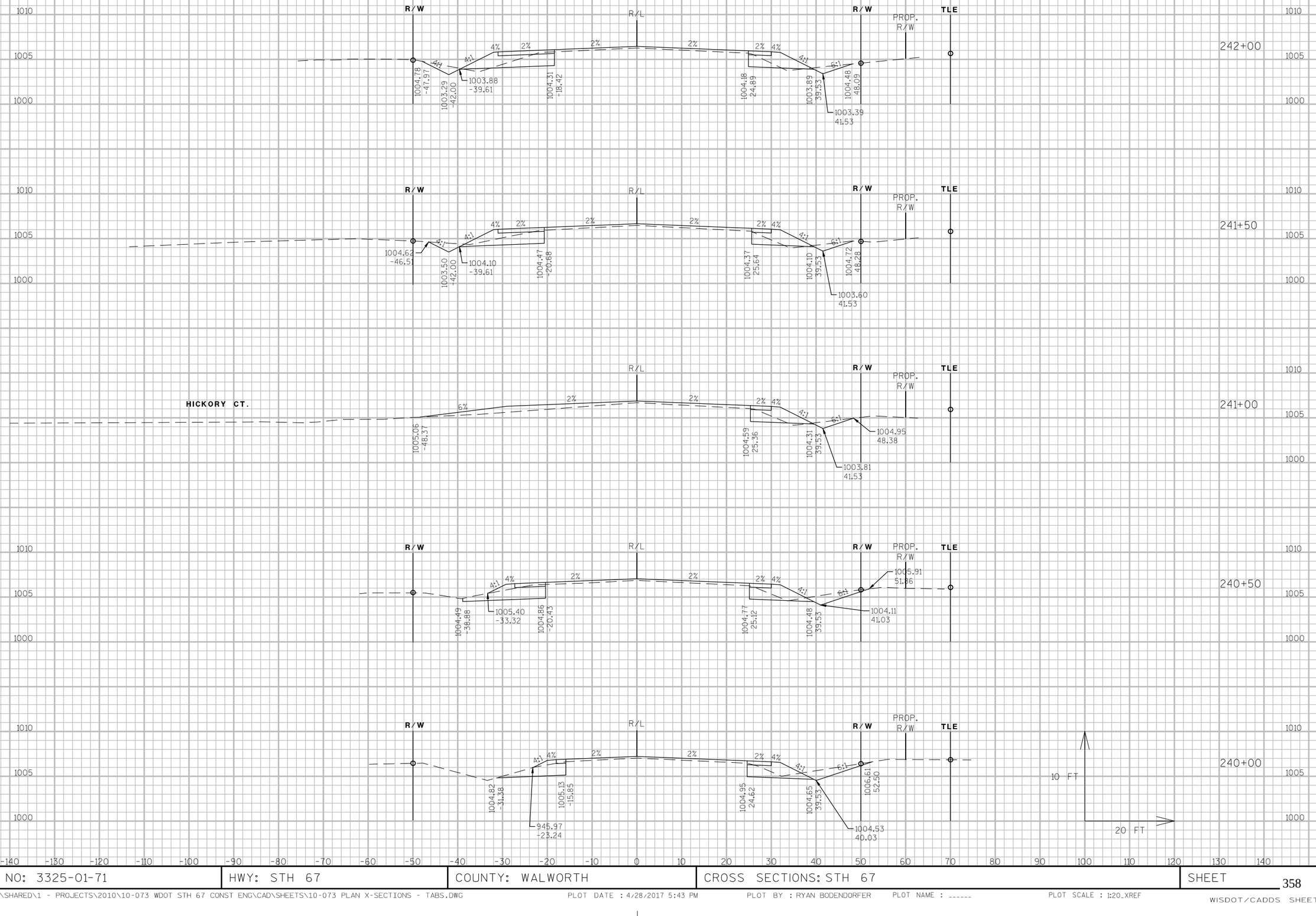


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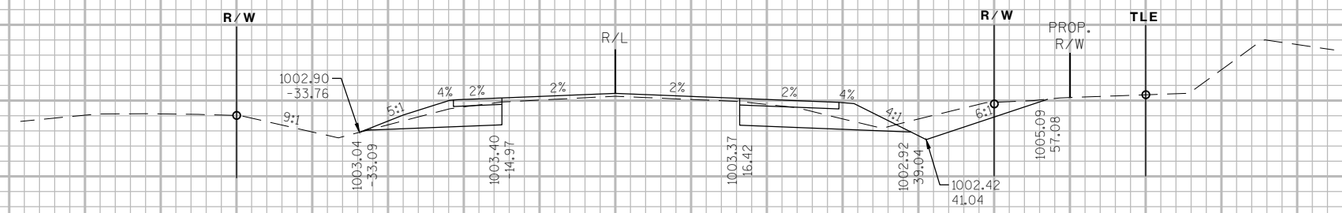
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 357	E

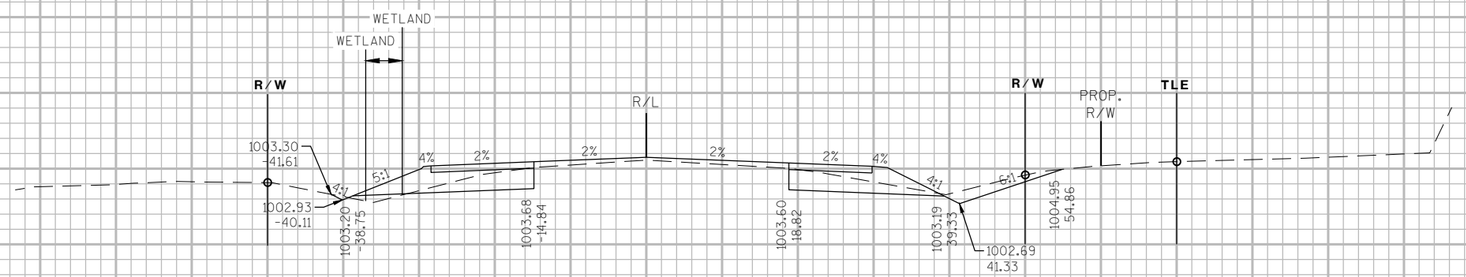
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:43 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



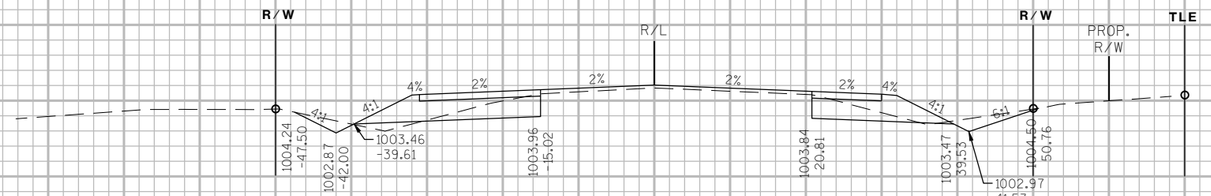
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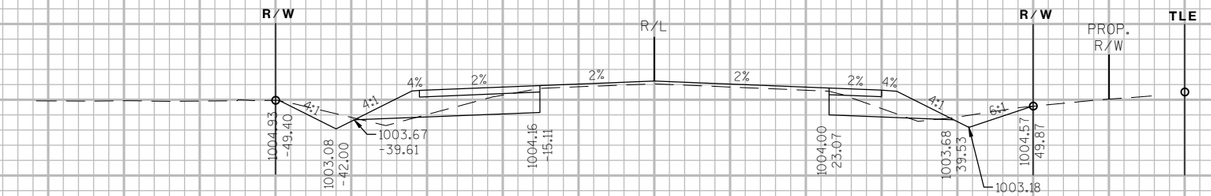
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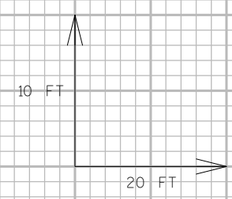
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243+00



242+50



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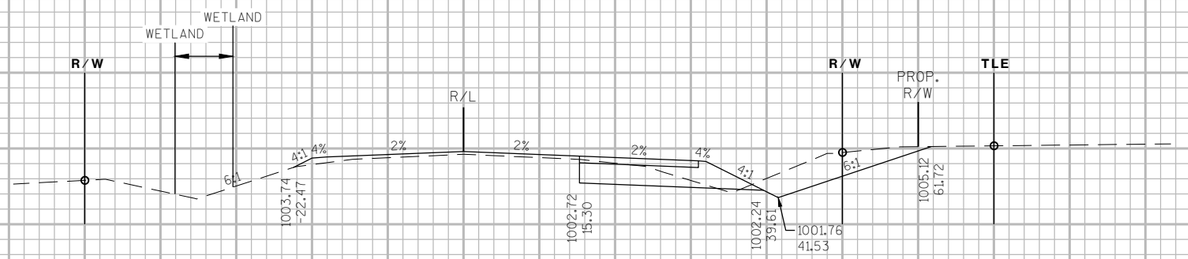
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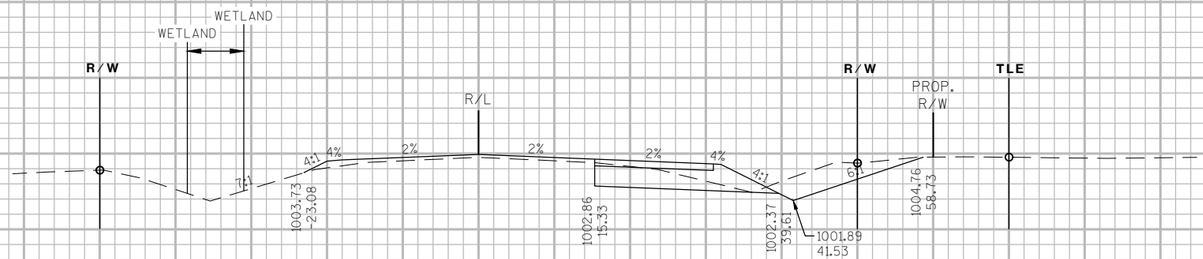
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 359	E

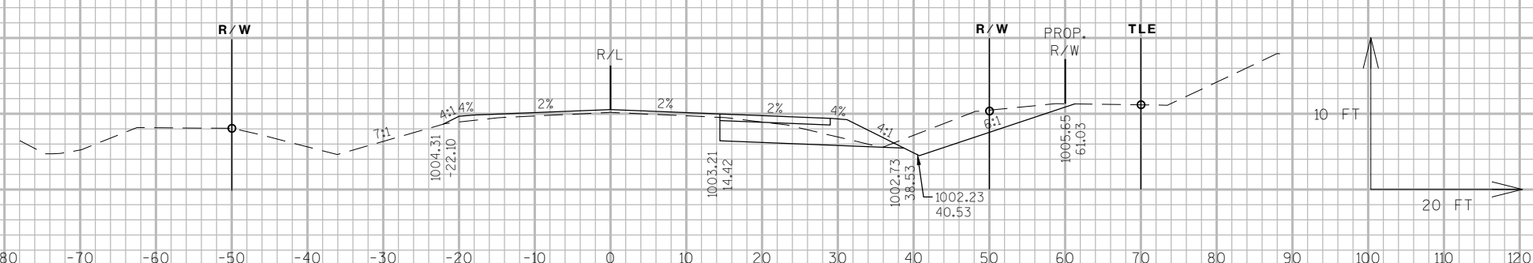
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WISDOT/CADDS SHEET 49









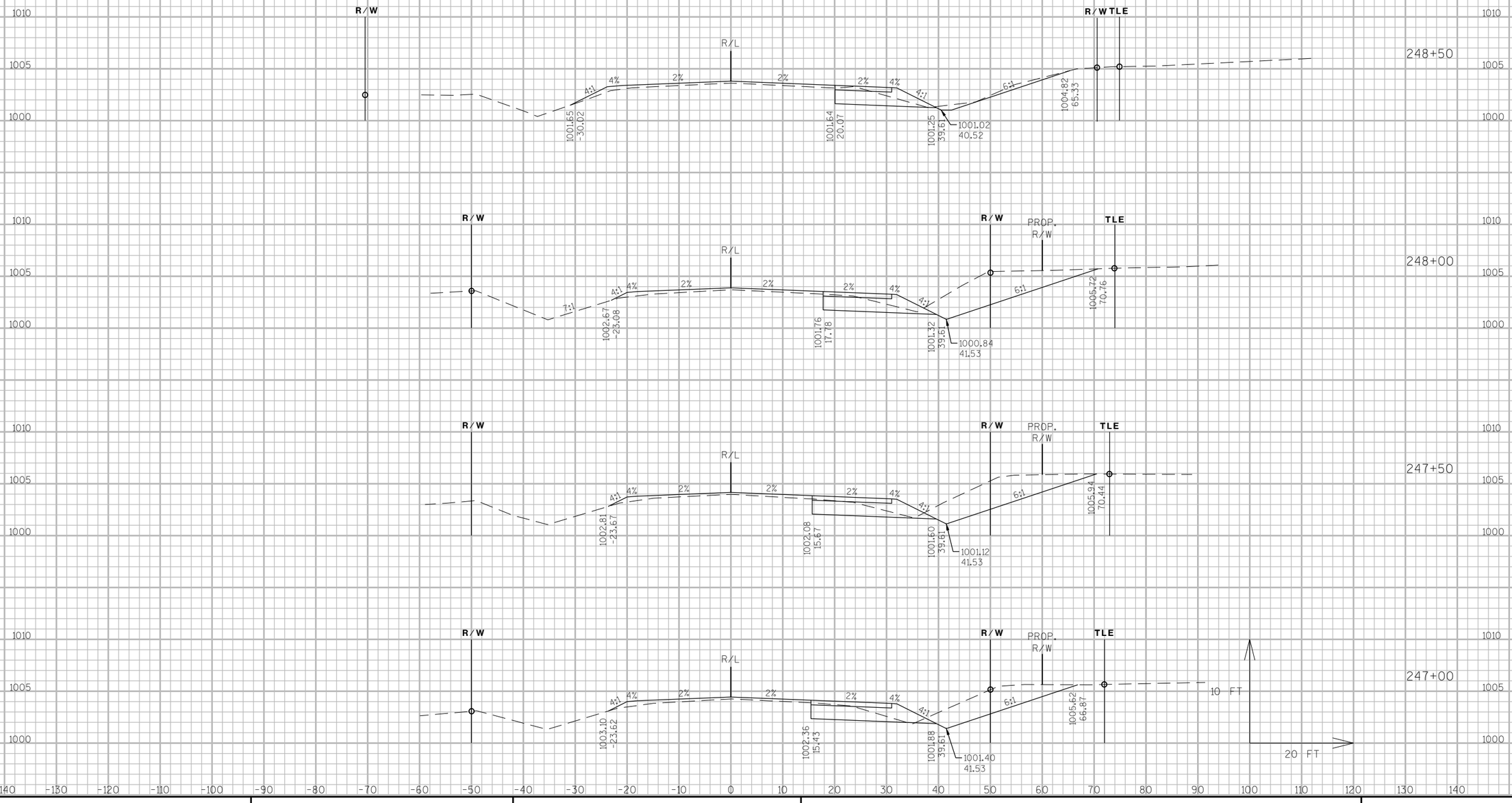


-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

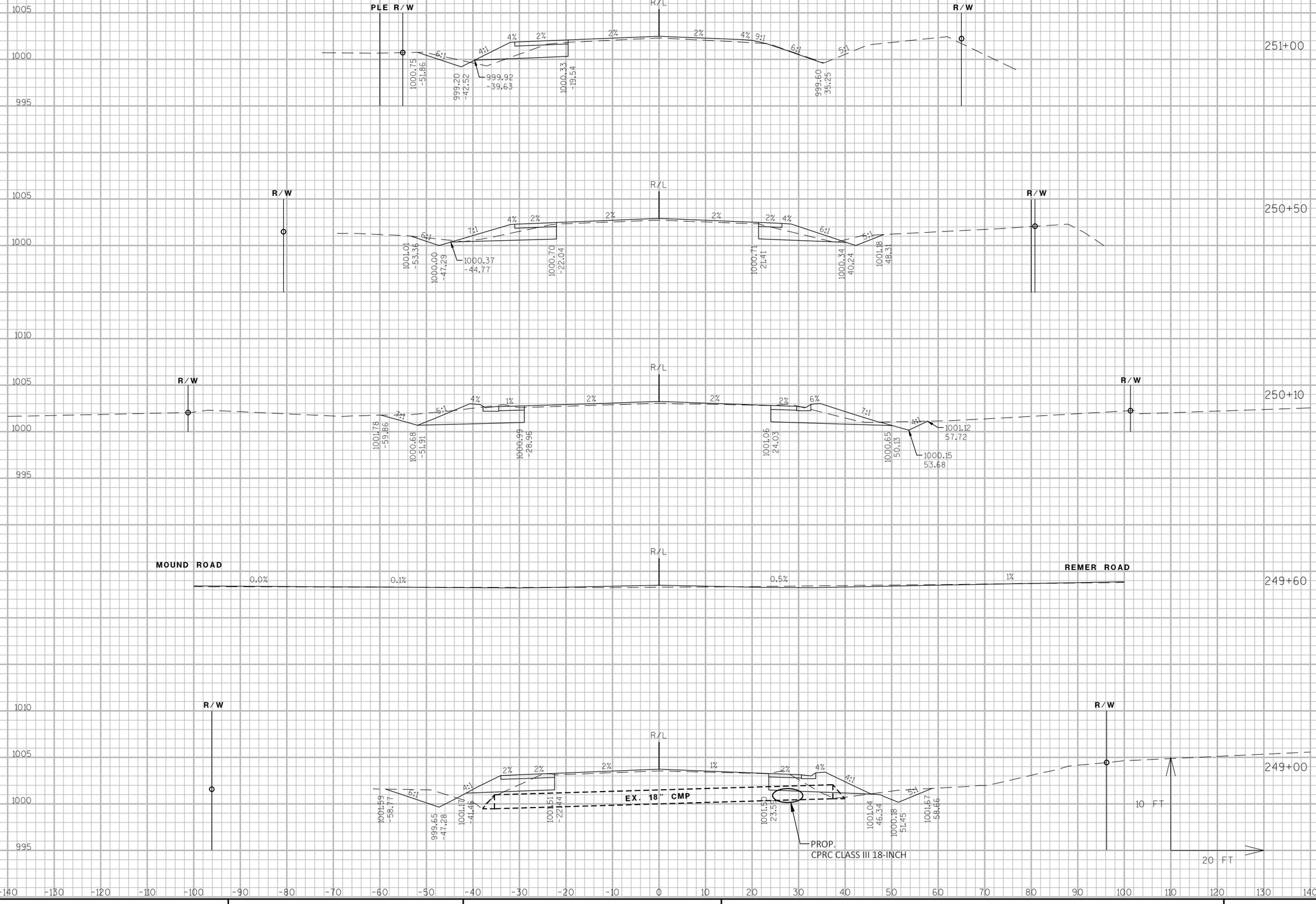
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 360	E



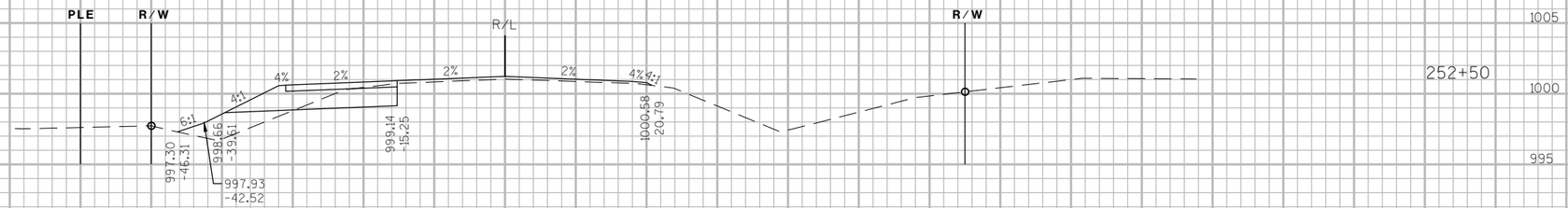
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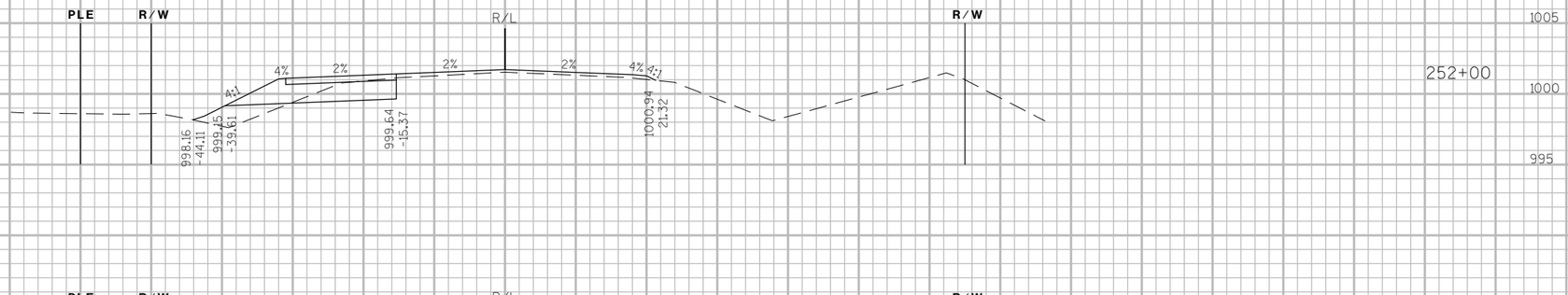


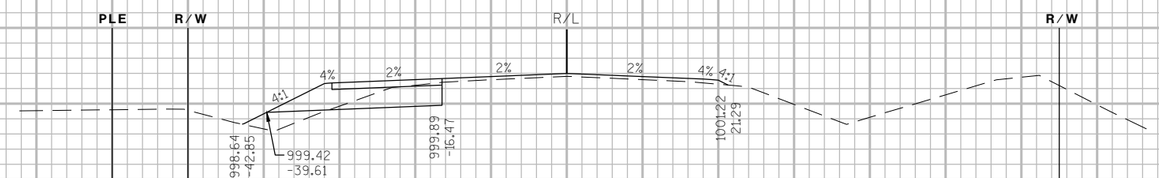
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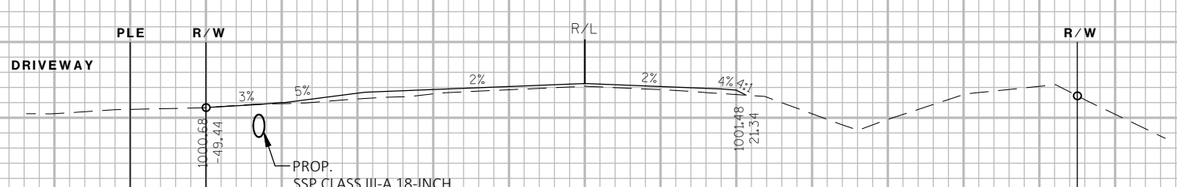
FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:46 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

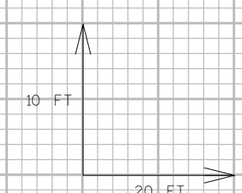
WISDOT/CADDS SHEET 49

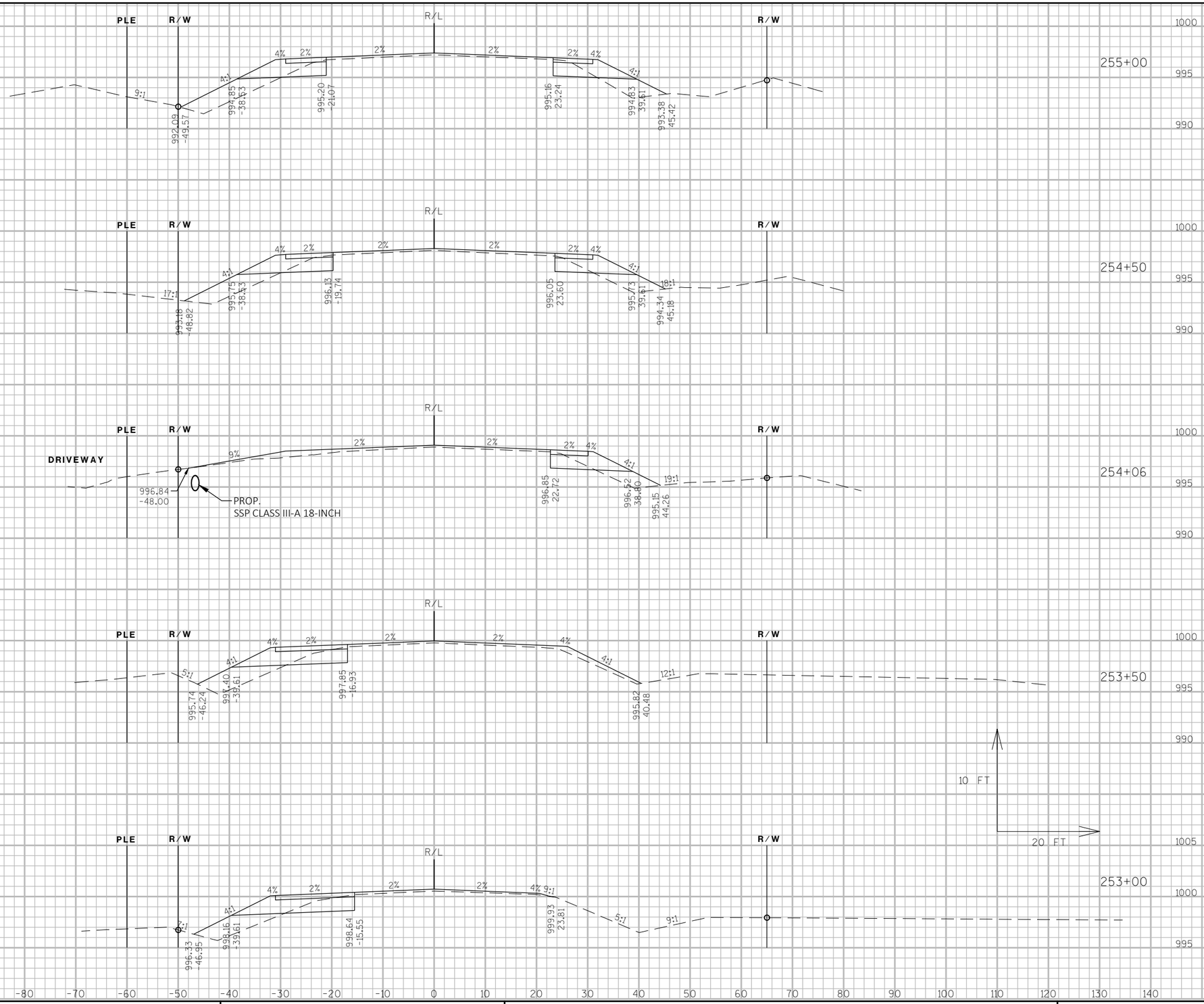

PLE
R/W
R/L
R/W
1005
1000
995
4%
2%
2%
2%
4%
4:1
6:1
4:1
998.66
-39.61
997.30
-46.31
997.93
-42.52
999.14
-15.25
1000.58
20.79
252+50


PLE
R/W
R/L
R/W
1005
1000
995
4%
2%
2%
2%
4%
4:1
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-44.11
998.45
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21.32
252+00

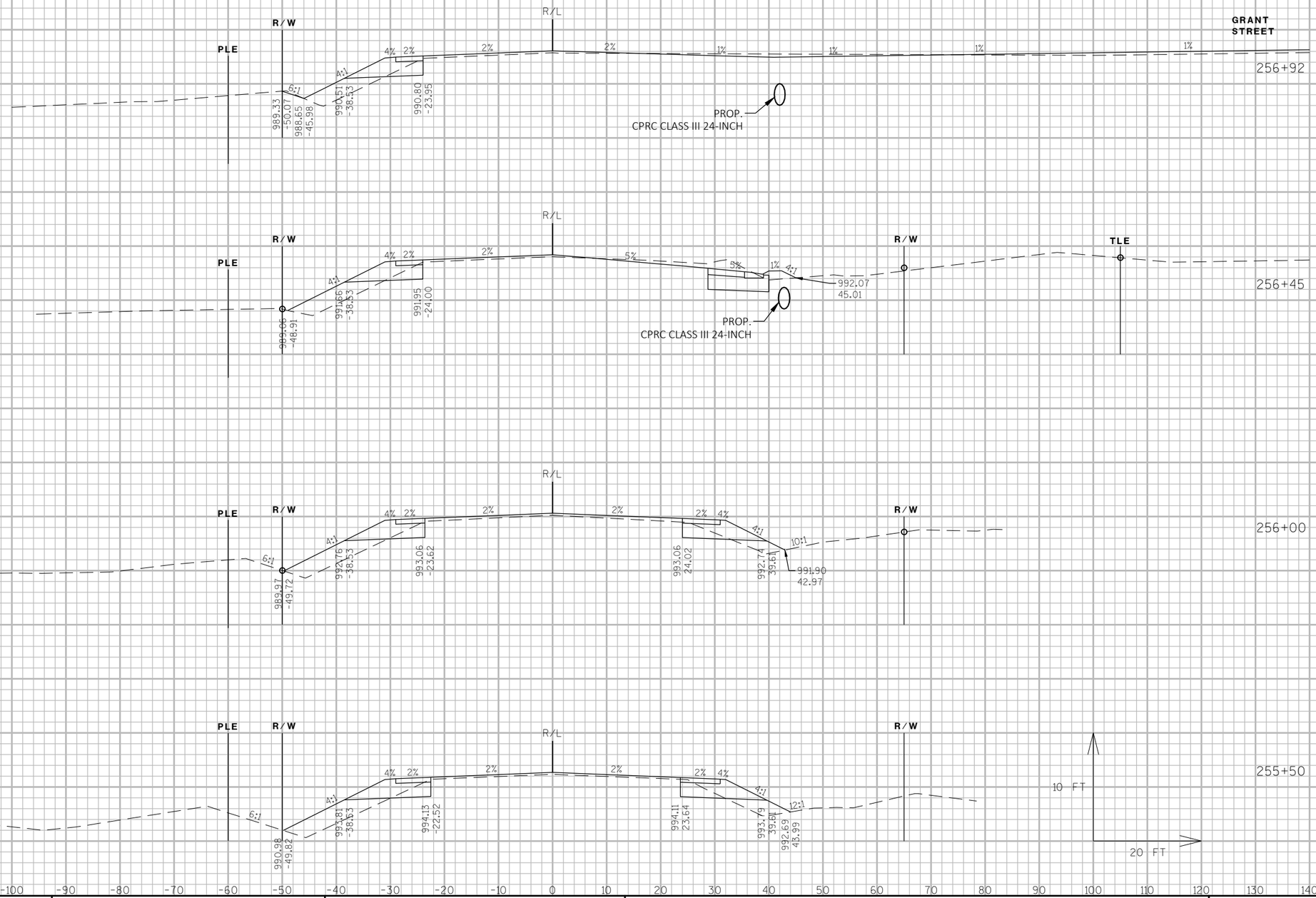

PLE
R/W
R/L
R/W
1005
1000
995
4%
2%
2%
2%
4%
4:1
4:1
998.64
-42.85
999.42
-39.61
999.89
-16.47
1001.22
21.29
251+65


PLE
R/W
R/L
R/W
DRIVEWAY
1005
1000
995
3%
5%
2%
2%
4%
4:1
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-49.44
PROP.
SSP CLASS III-A 18-INCH
1001.48
21.34
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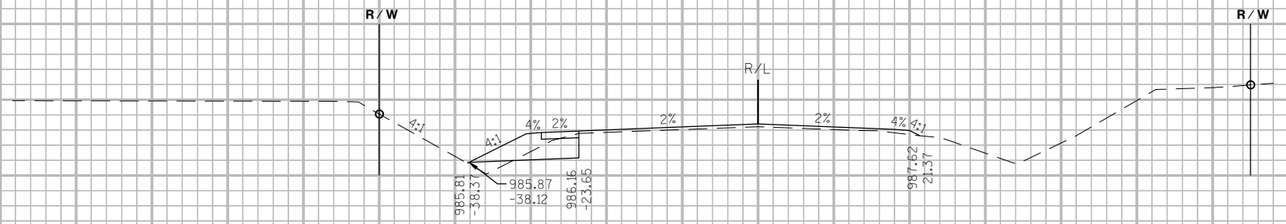

10 FT
20 FT



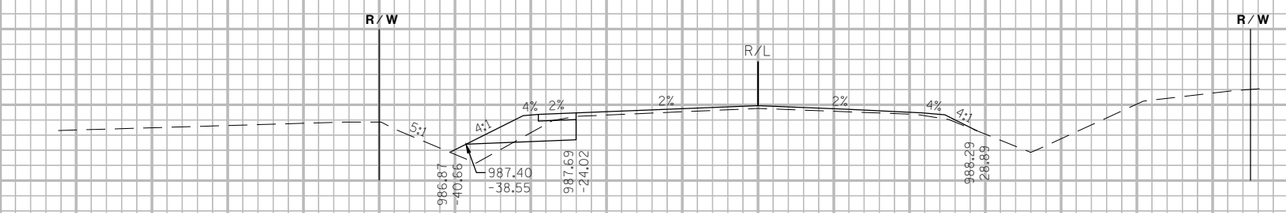
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 364	E



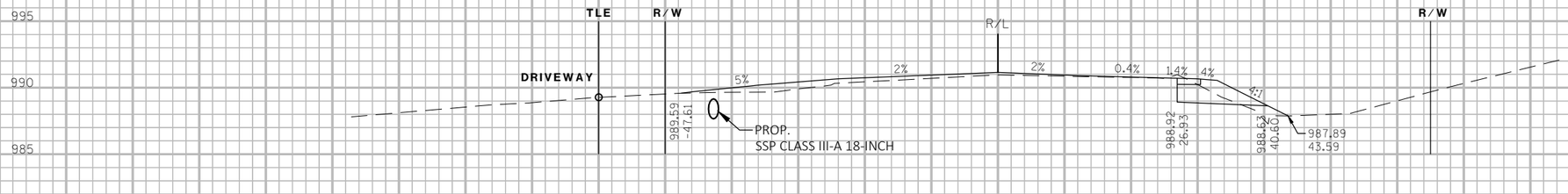
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258+50



258+00



257+59



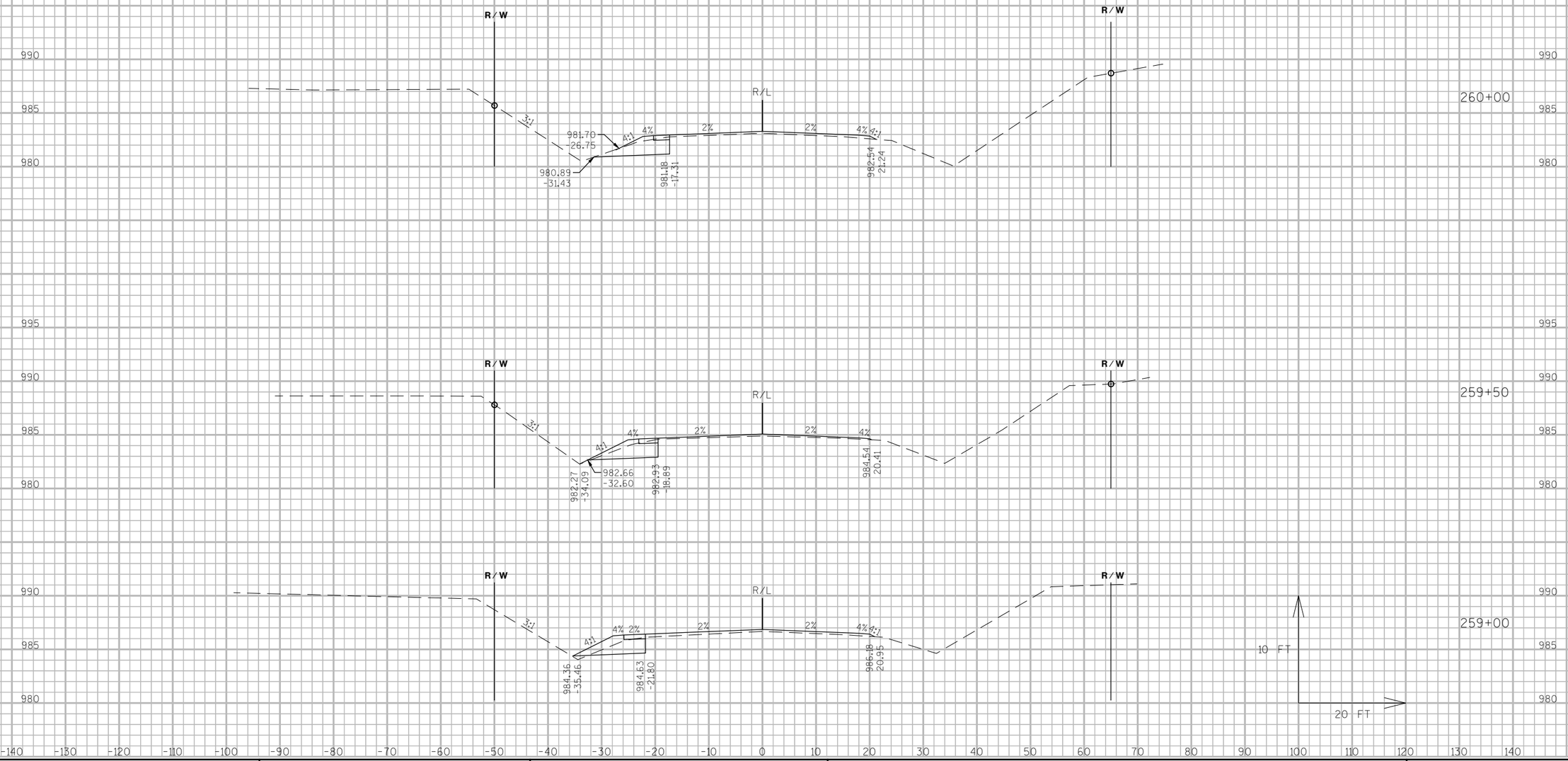
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9

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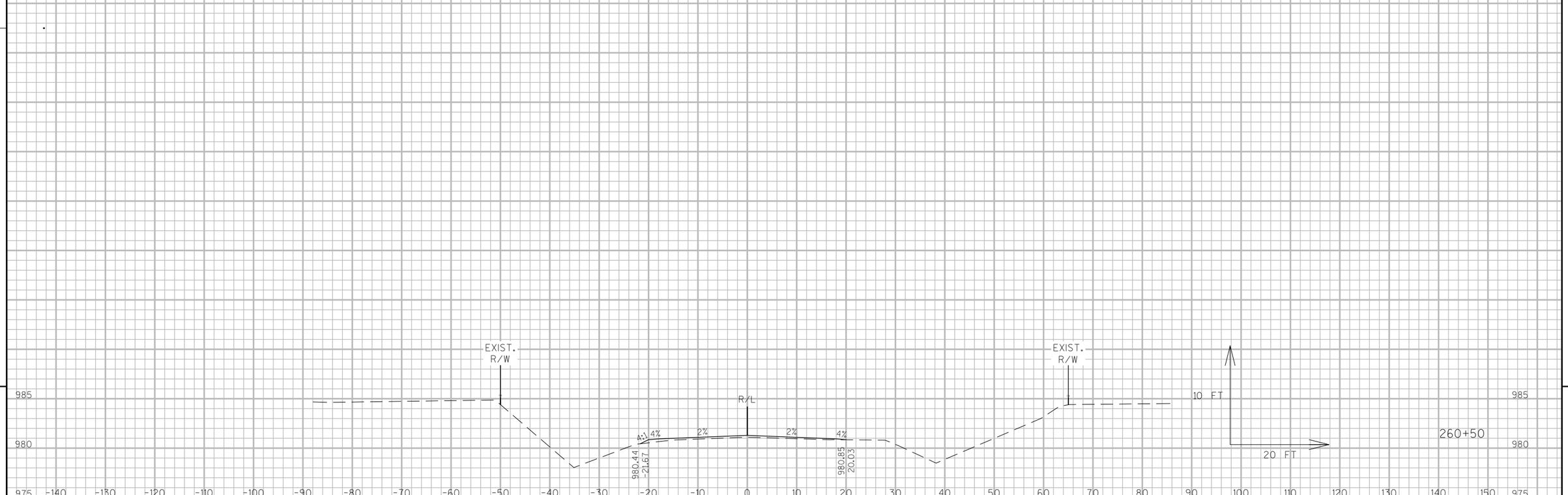
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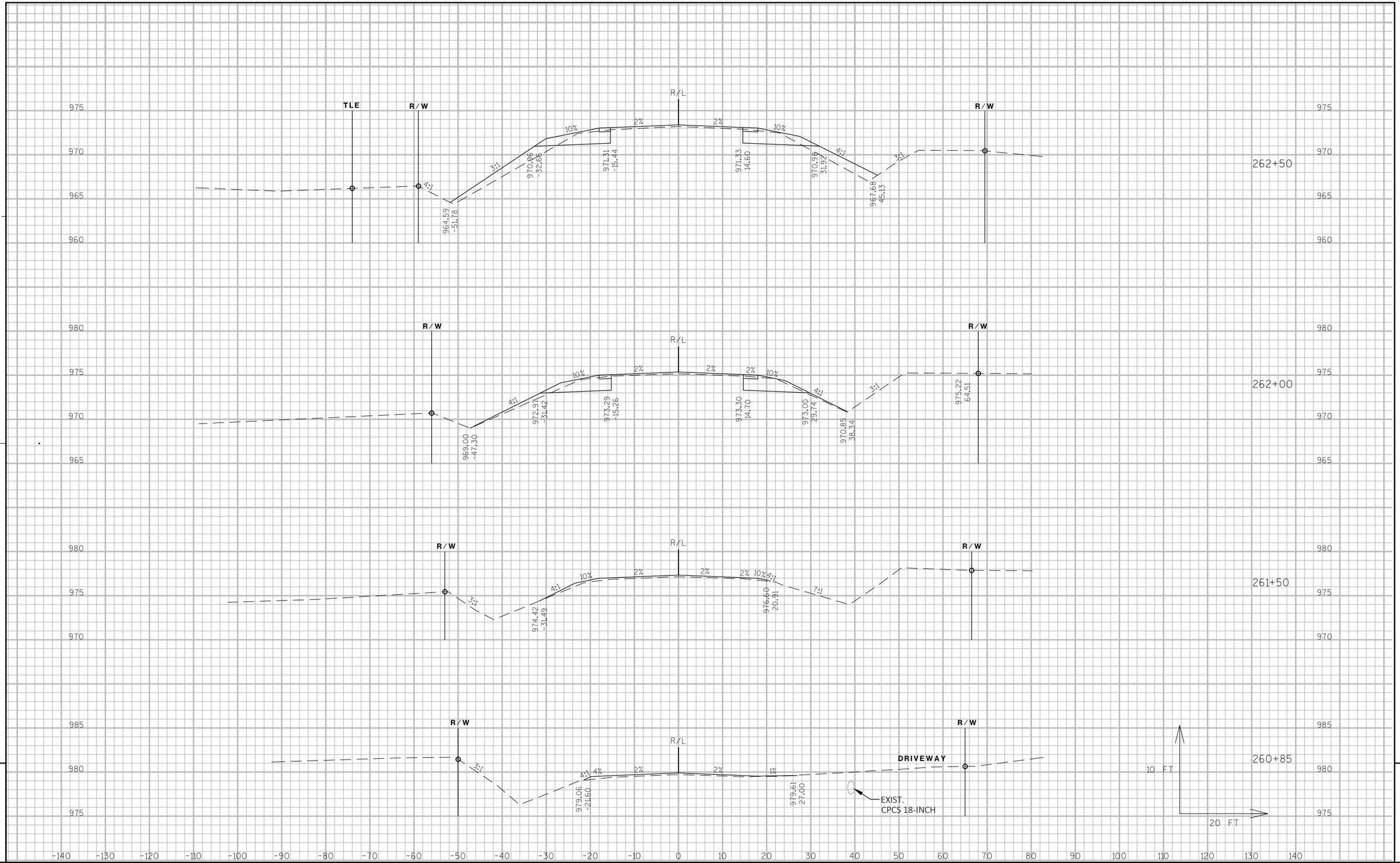
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 367	E



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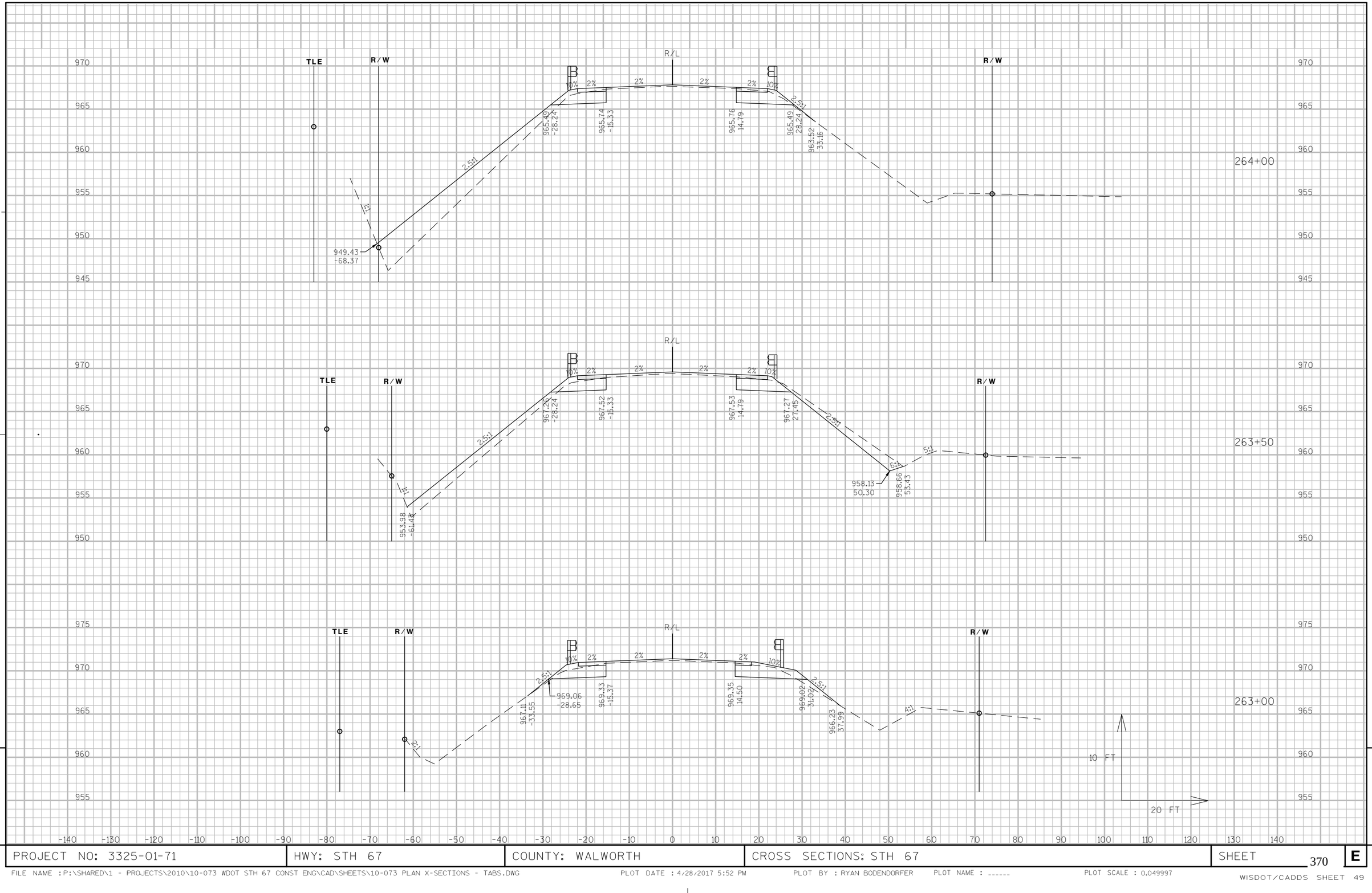
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9

9

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 369	E

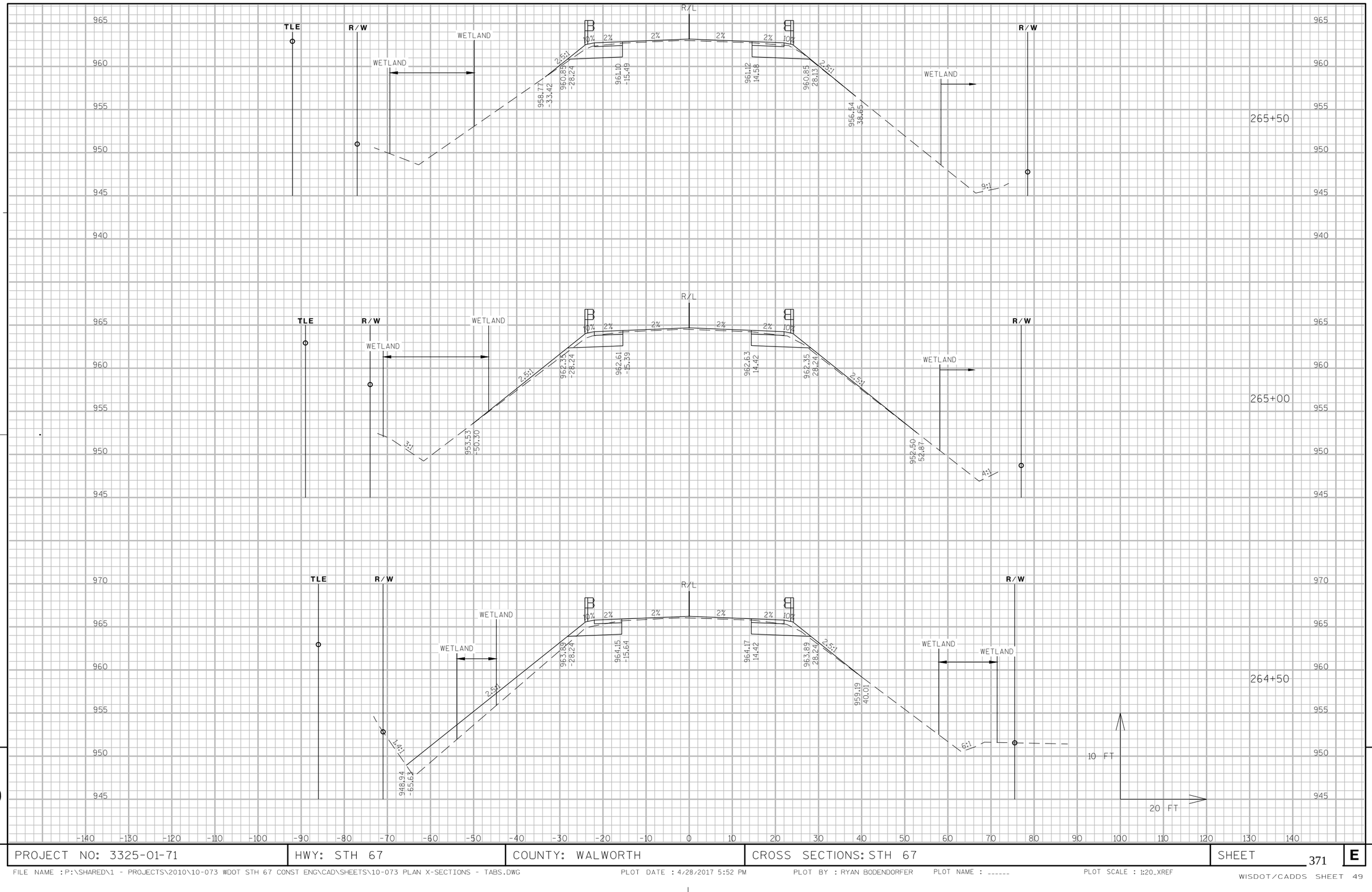


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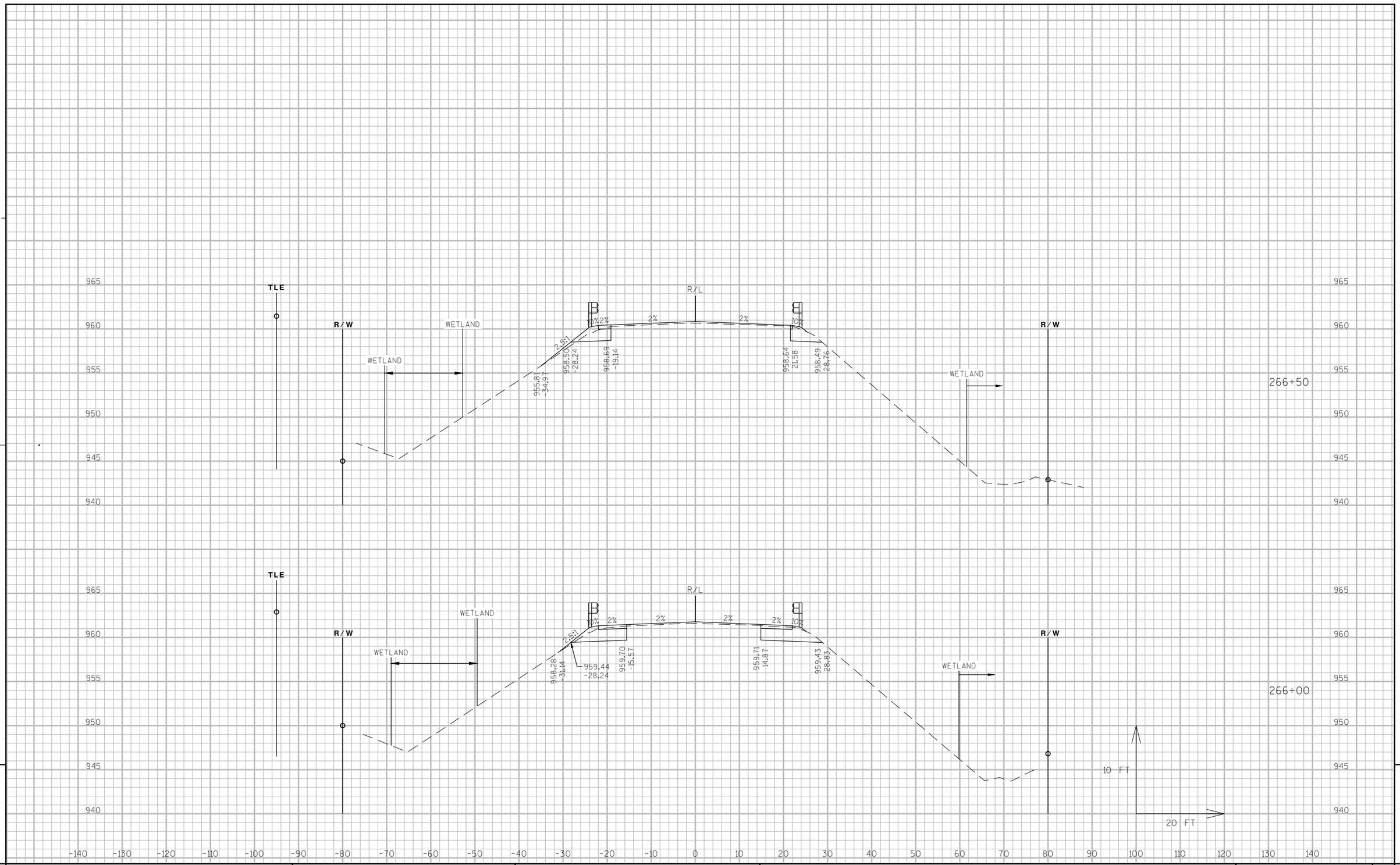
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 370	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:52 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 0.049997
WISDOT/CADDS SHEET 49

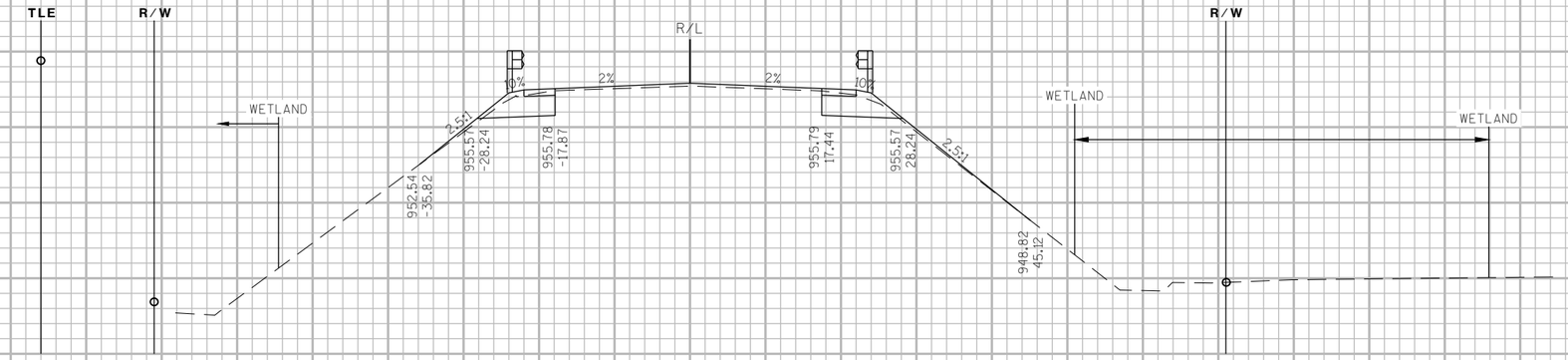


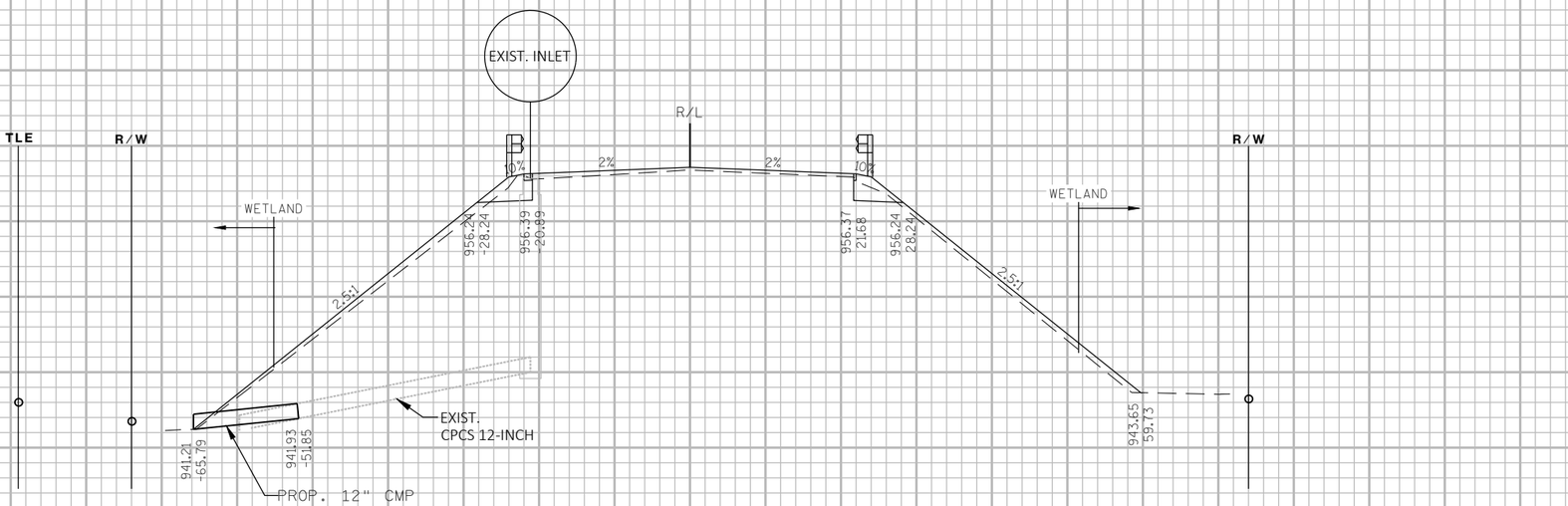
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 371	E

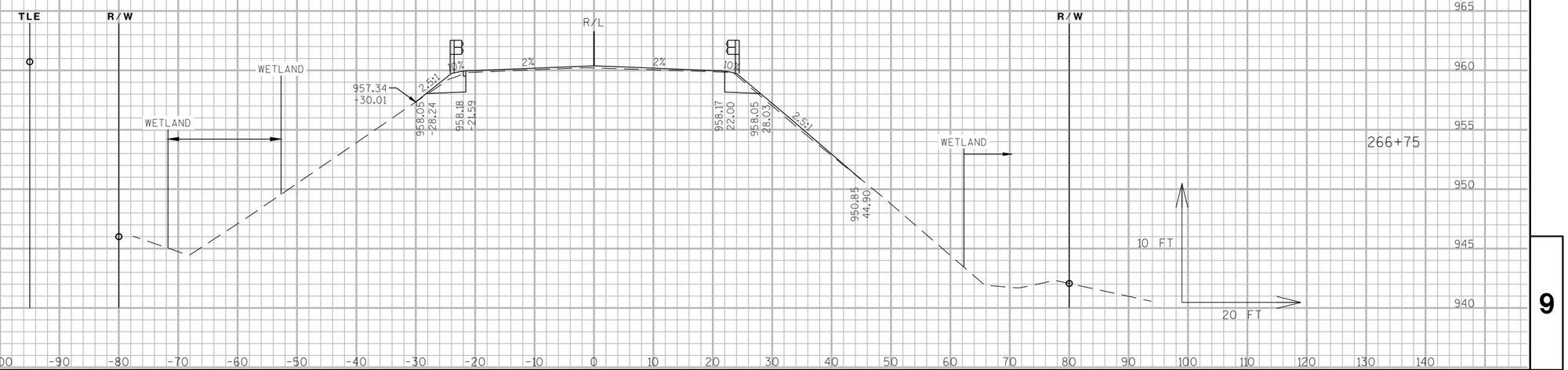


PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 372	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:53 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF



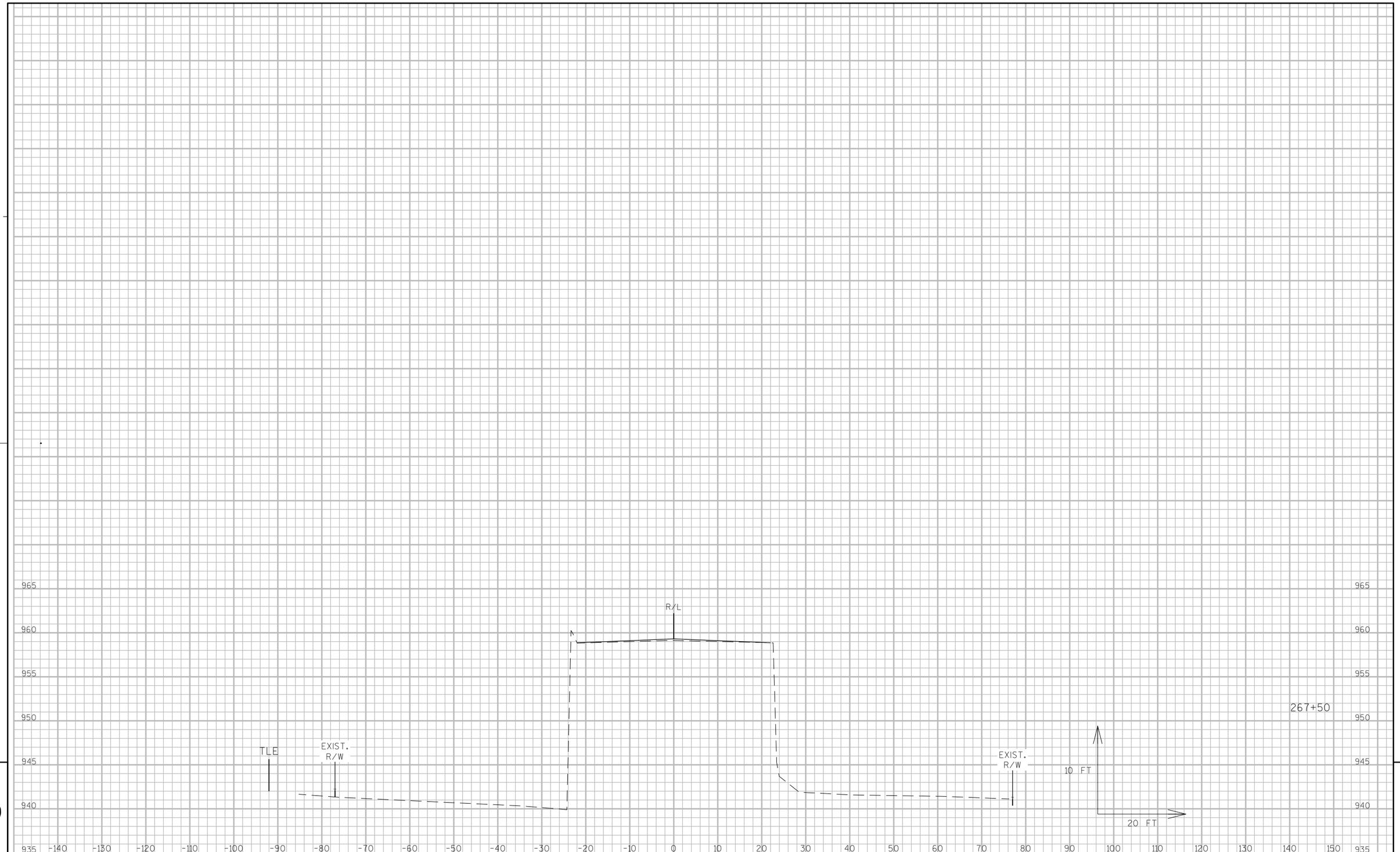




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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 373	E

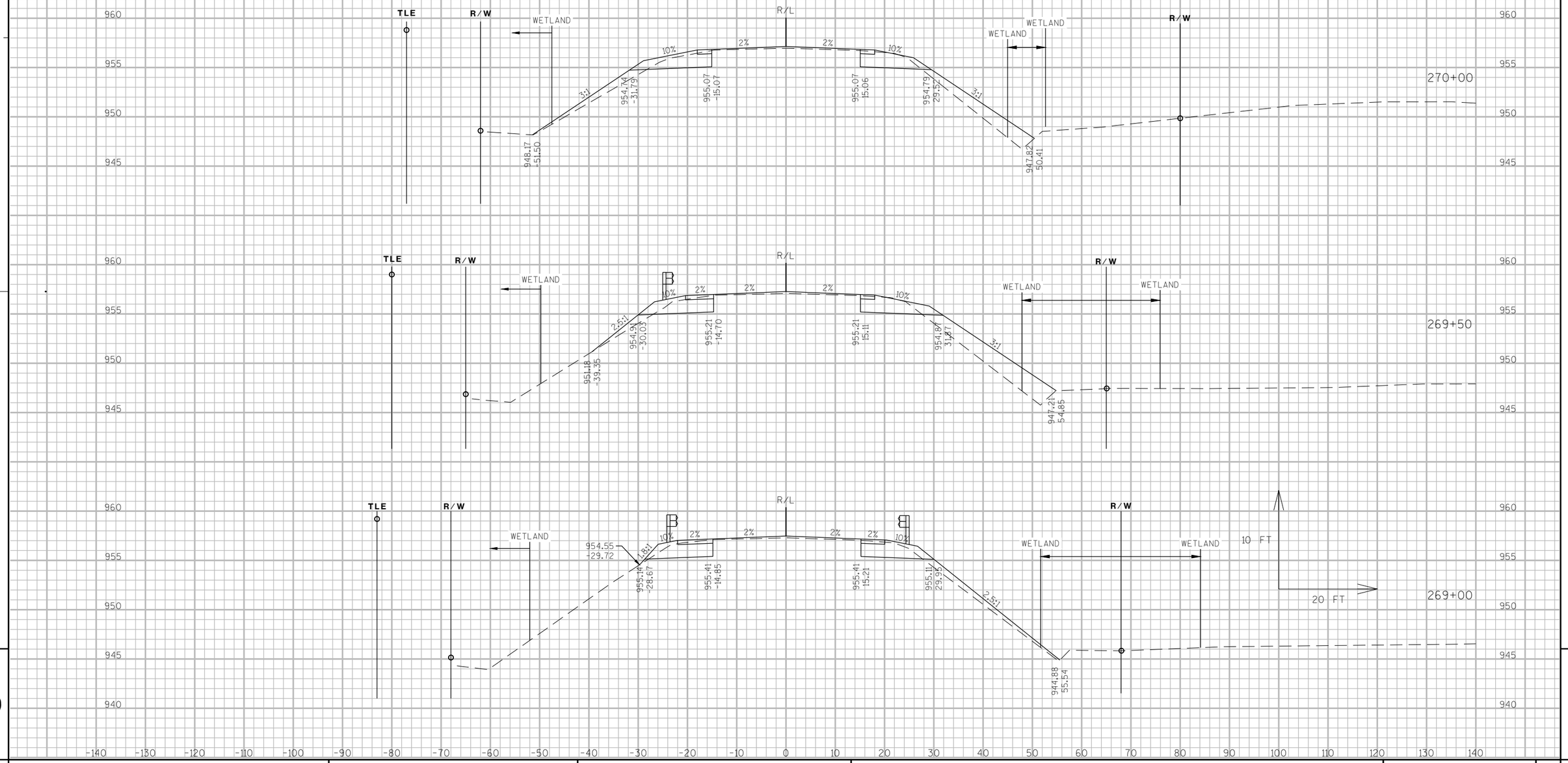


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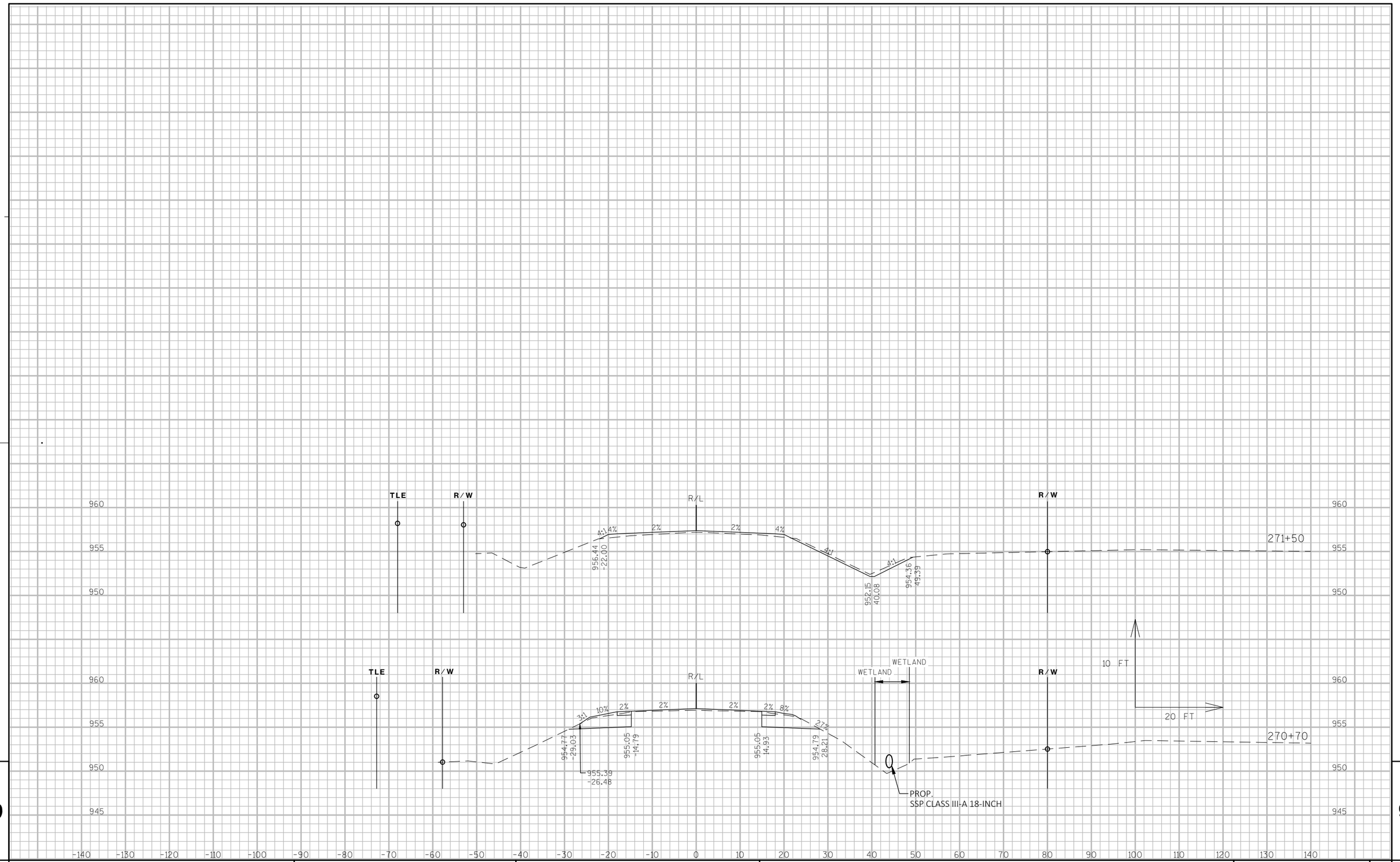
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 374	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:54 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



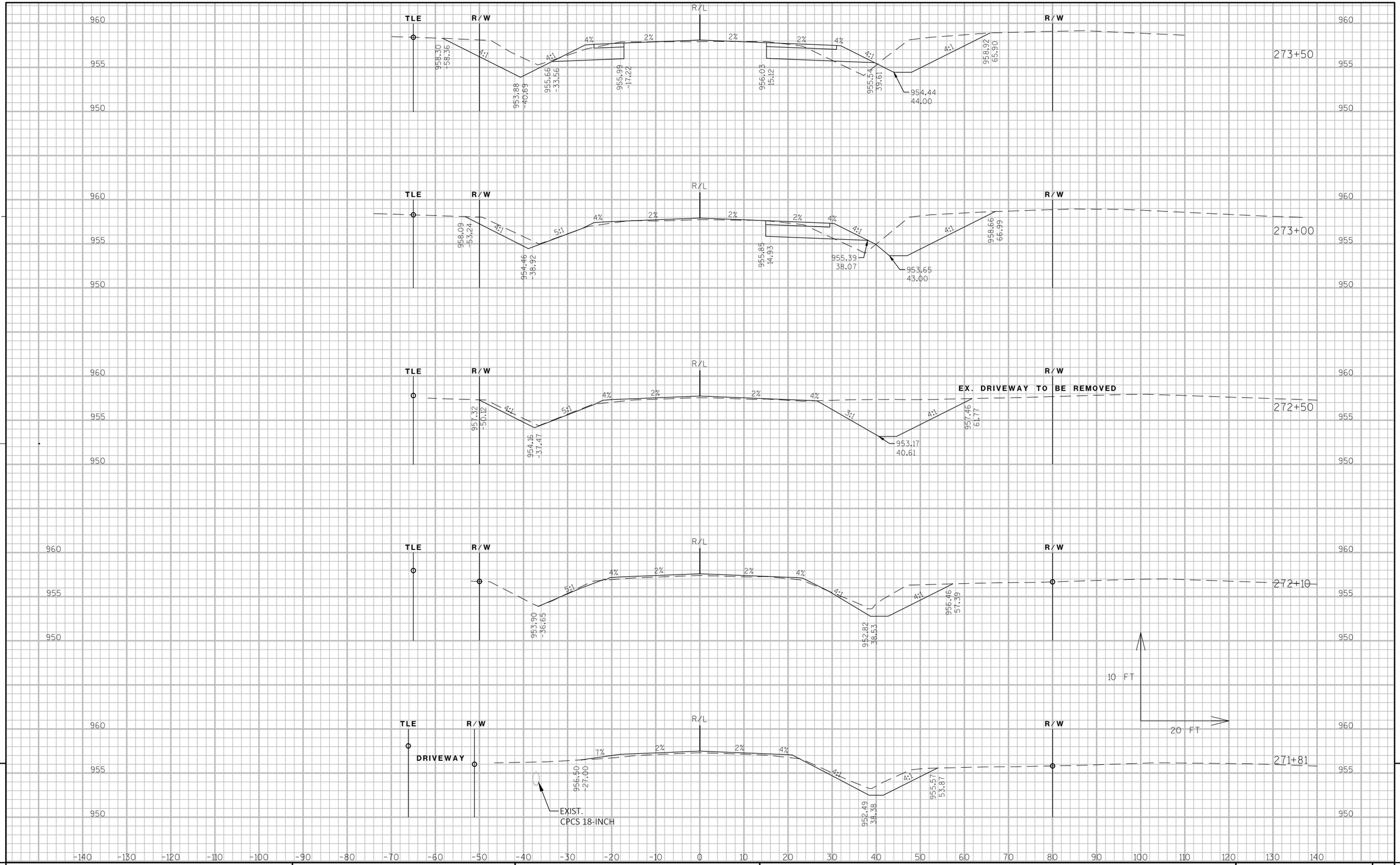
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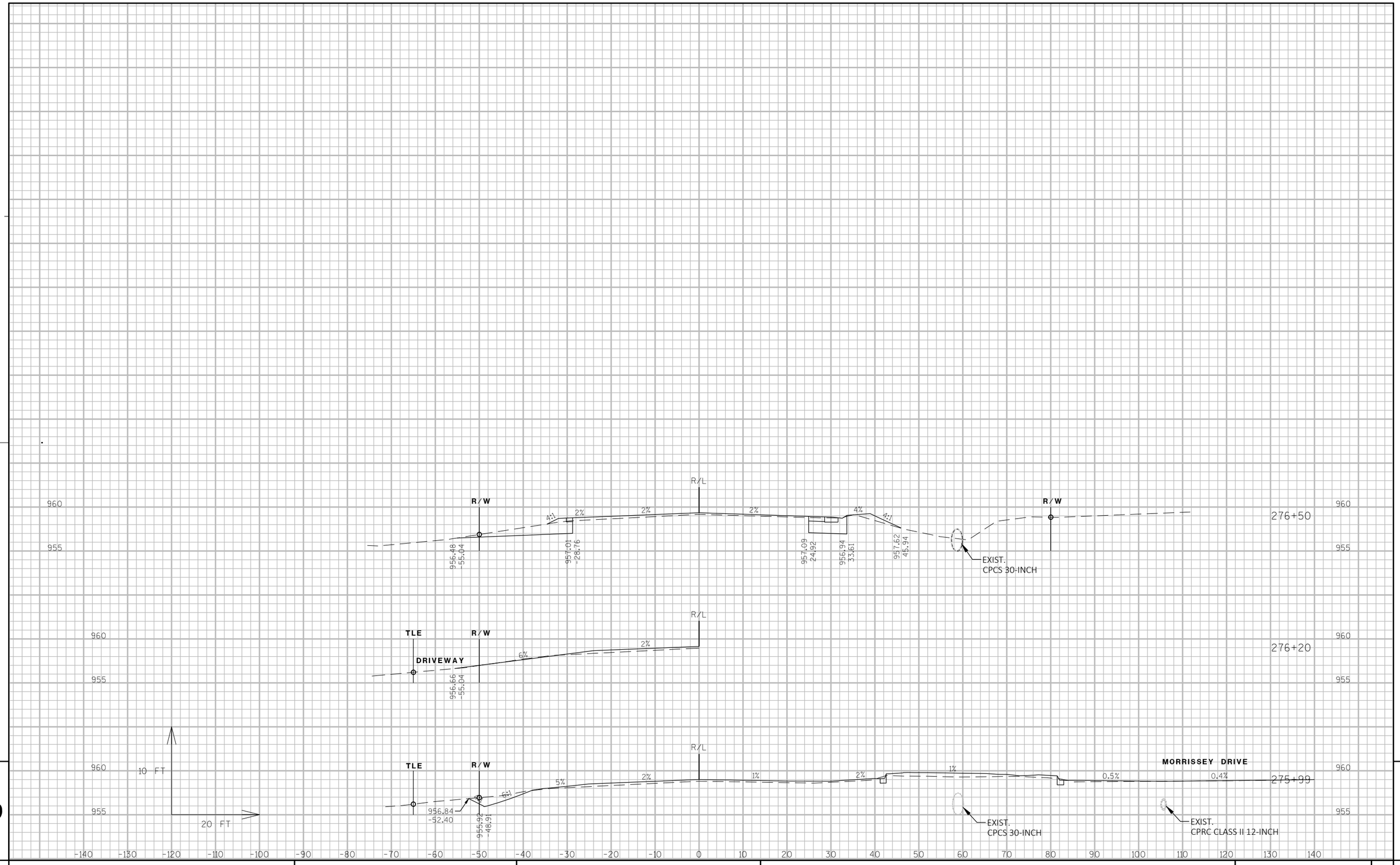
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 377	E

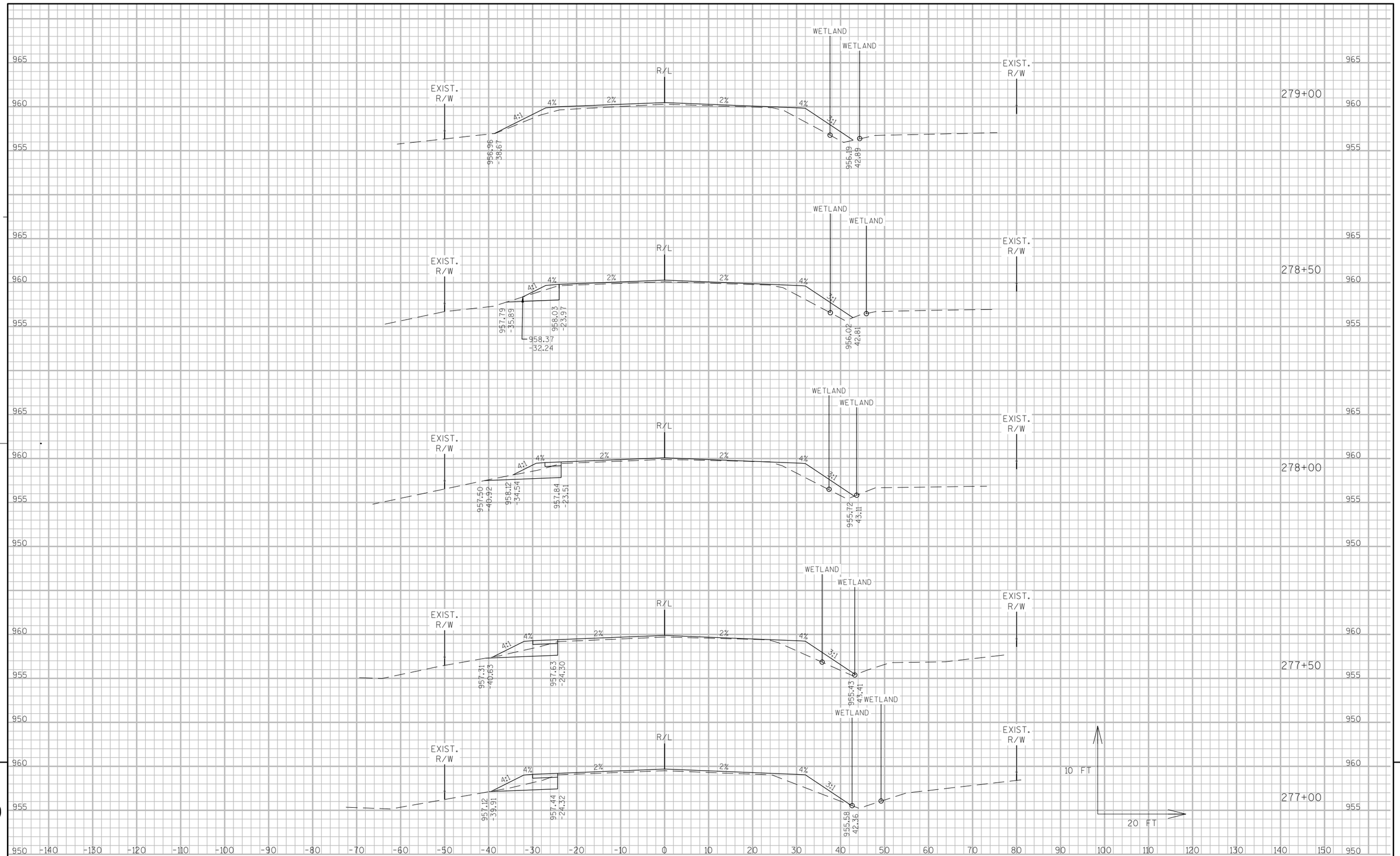


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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 378	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:56 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



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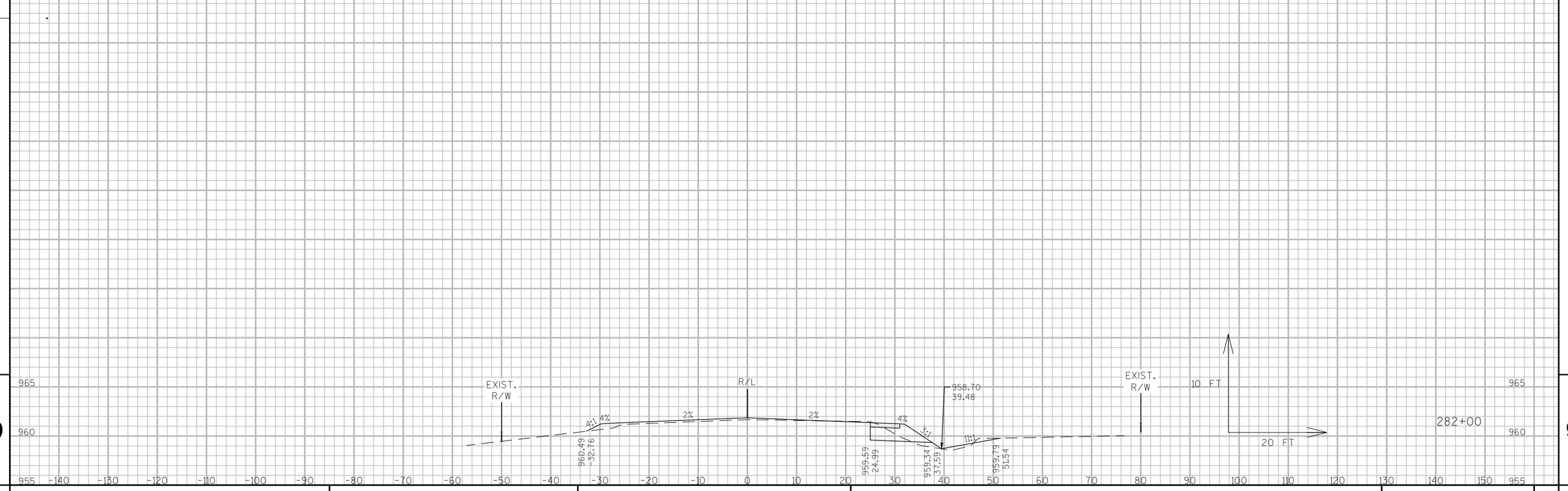
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 379	E



9

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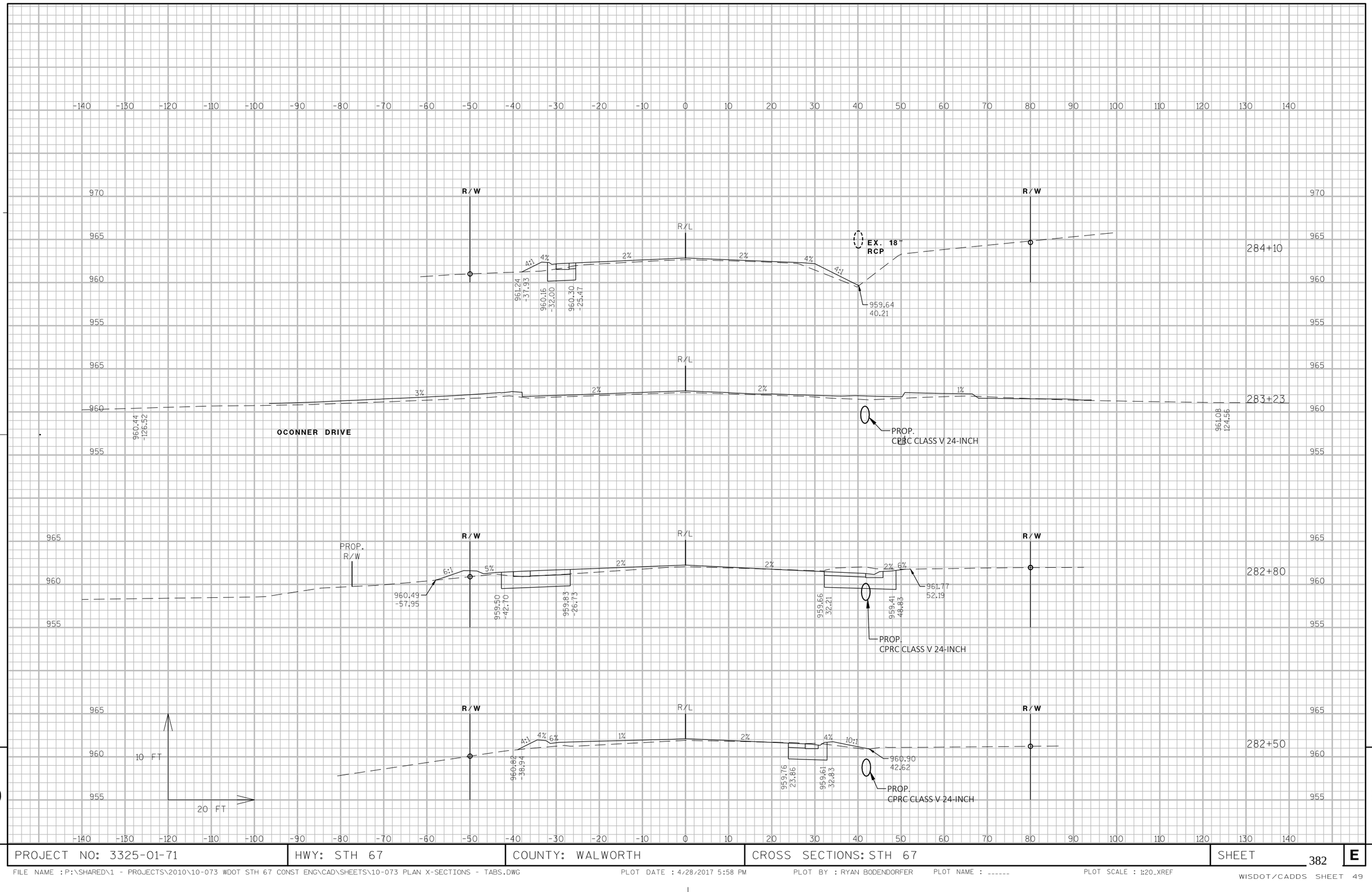
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 380	E



9

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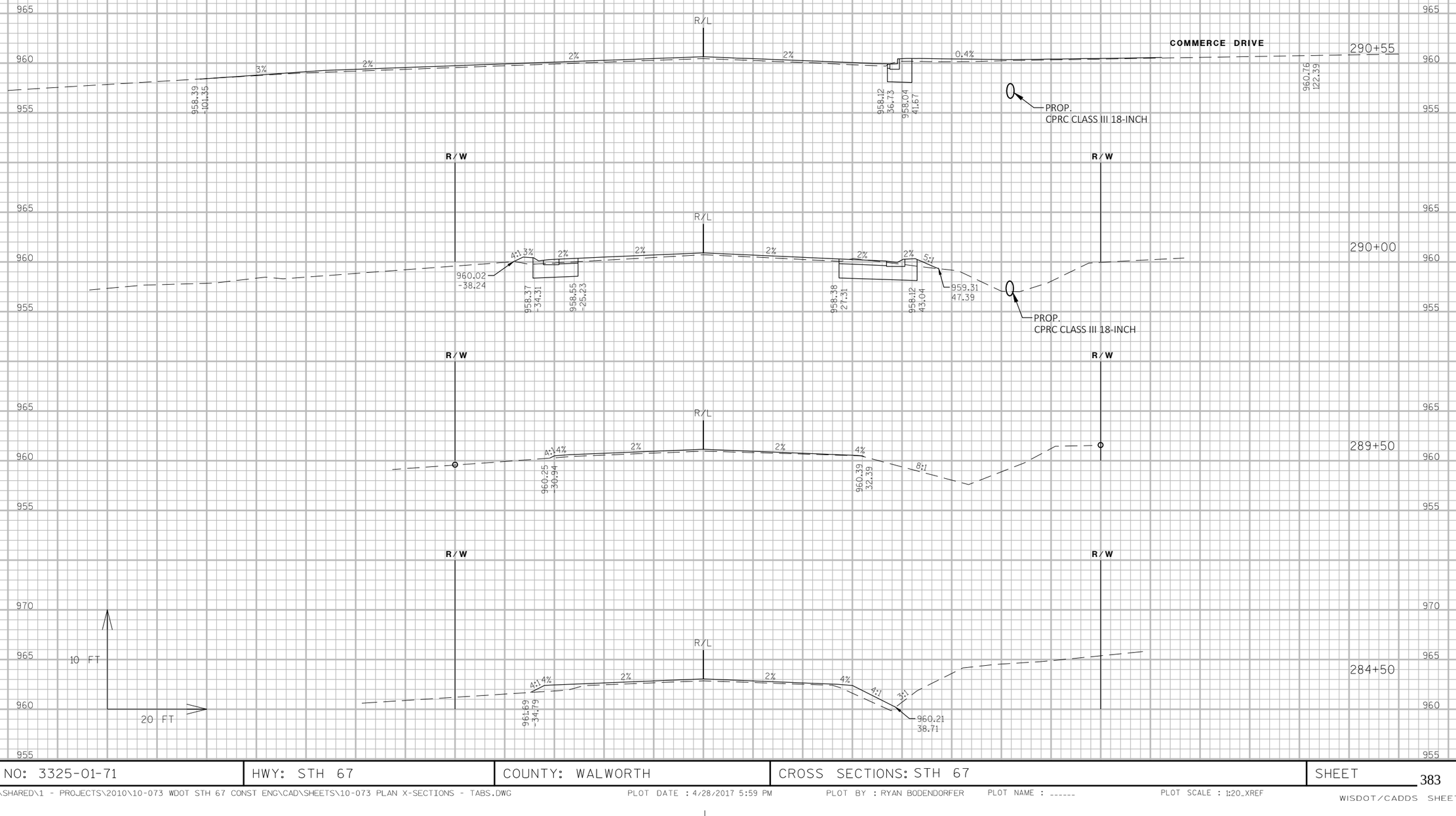
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 381	E



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 382	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:58 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

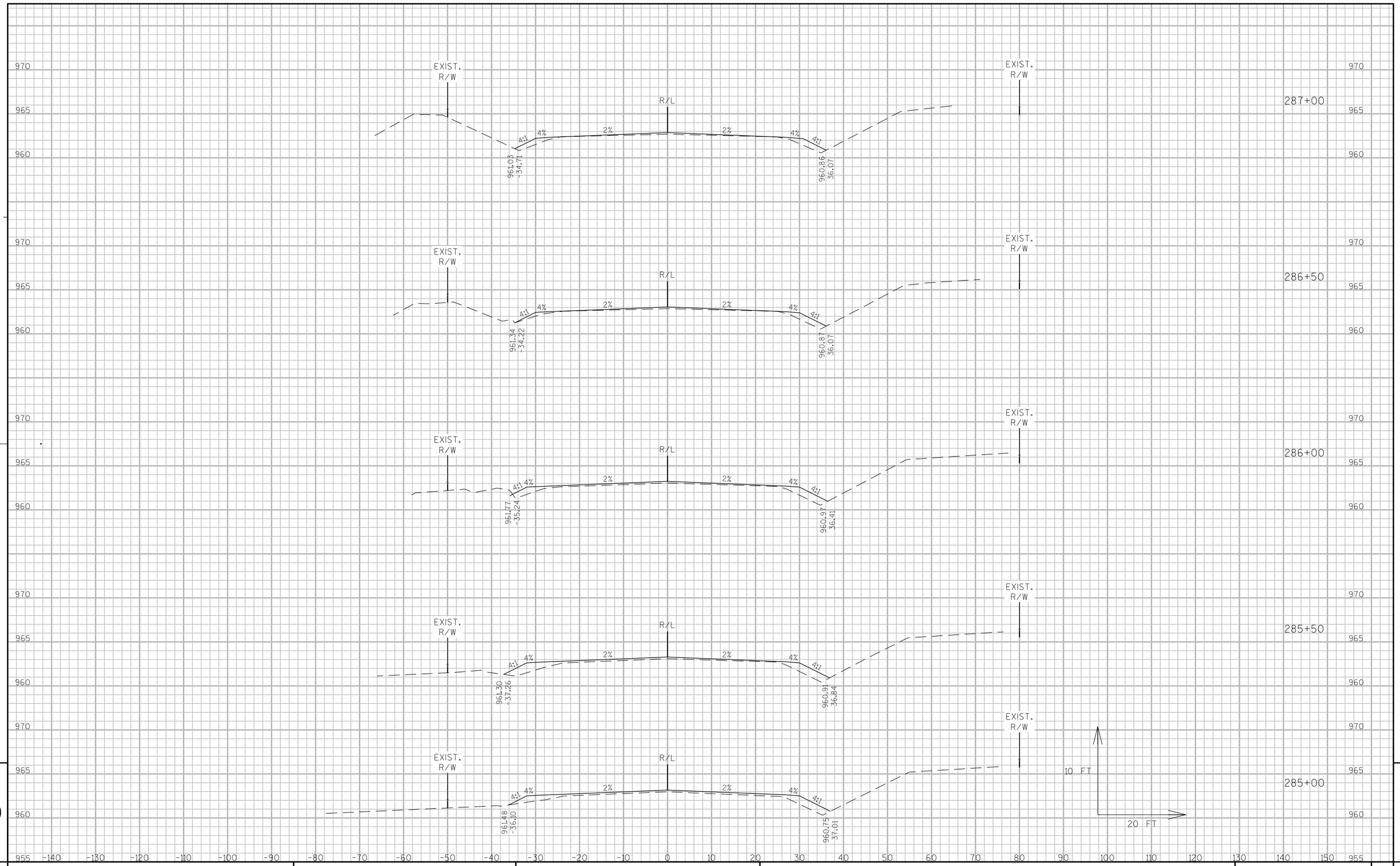
WISDOT/CADDS SHEET 49



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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 383	E



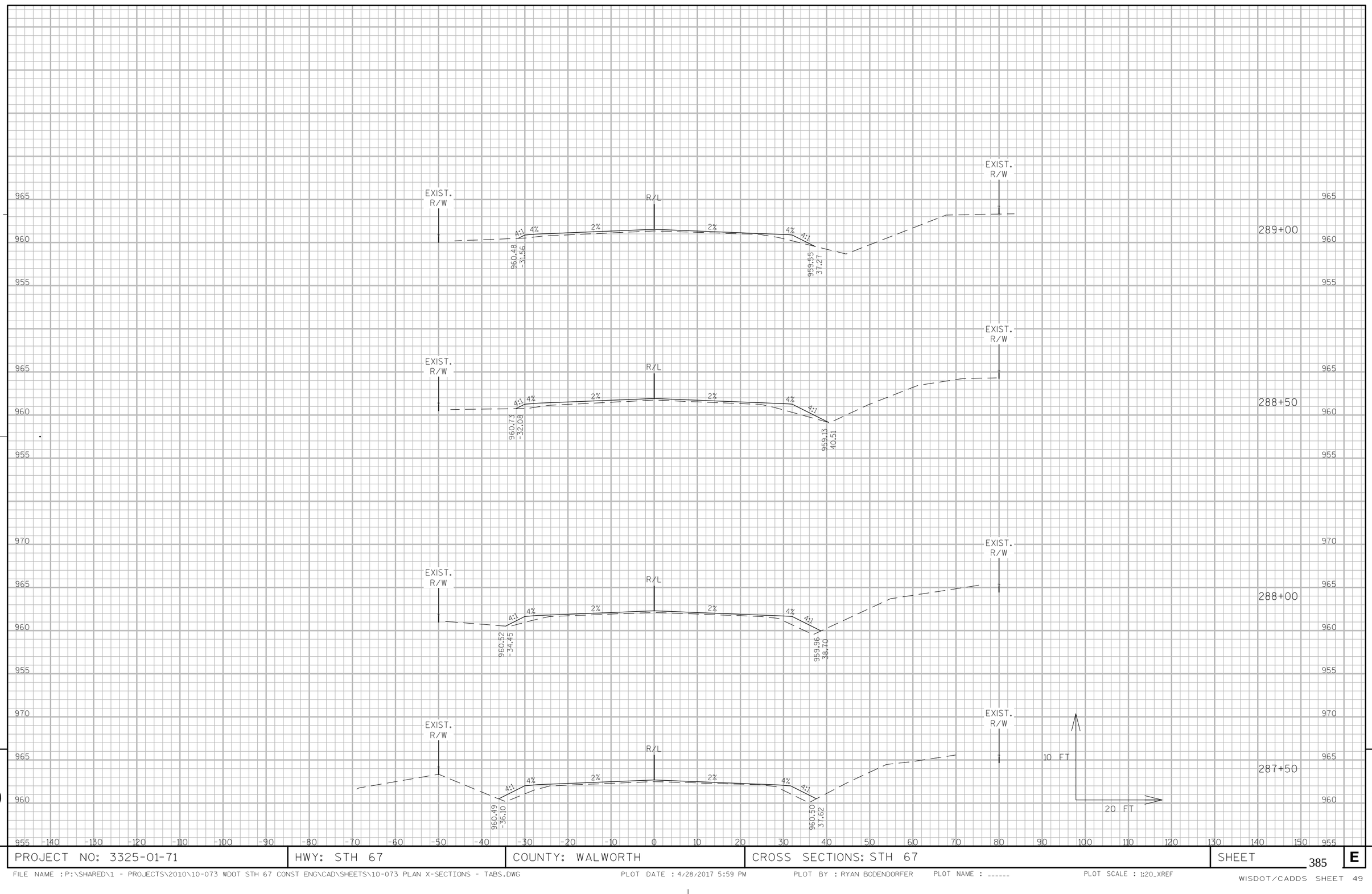
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 384	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 5:59 PM PLOT BY : RYAN BODENDORFER PLOT NAME : _____ PLOT SCALE : 1:20_XREF

WISDOT/CADDS SHEET 49

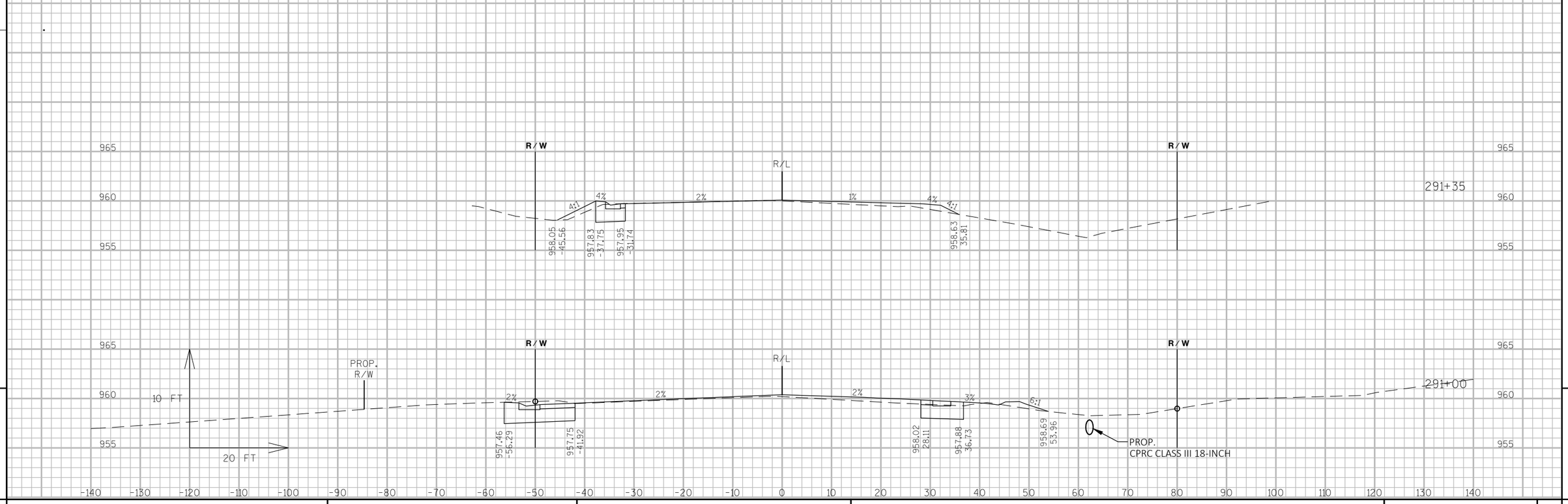


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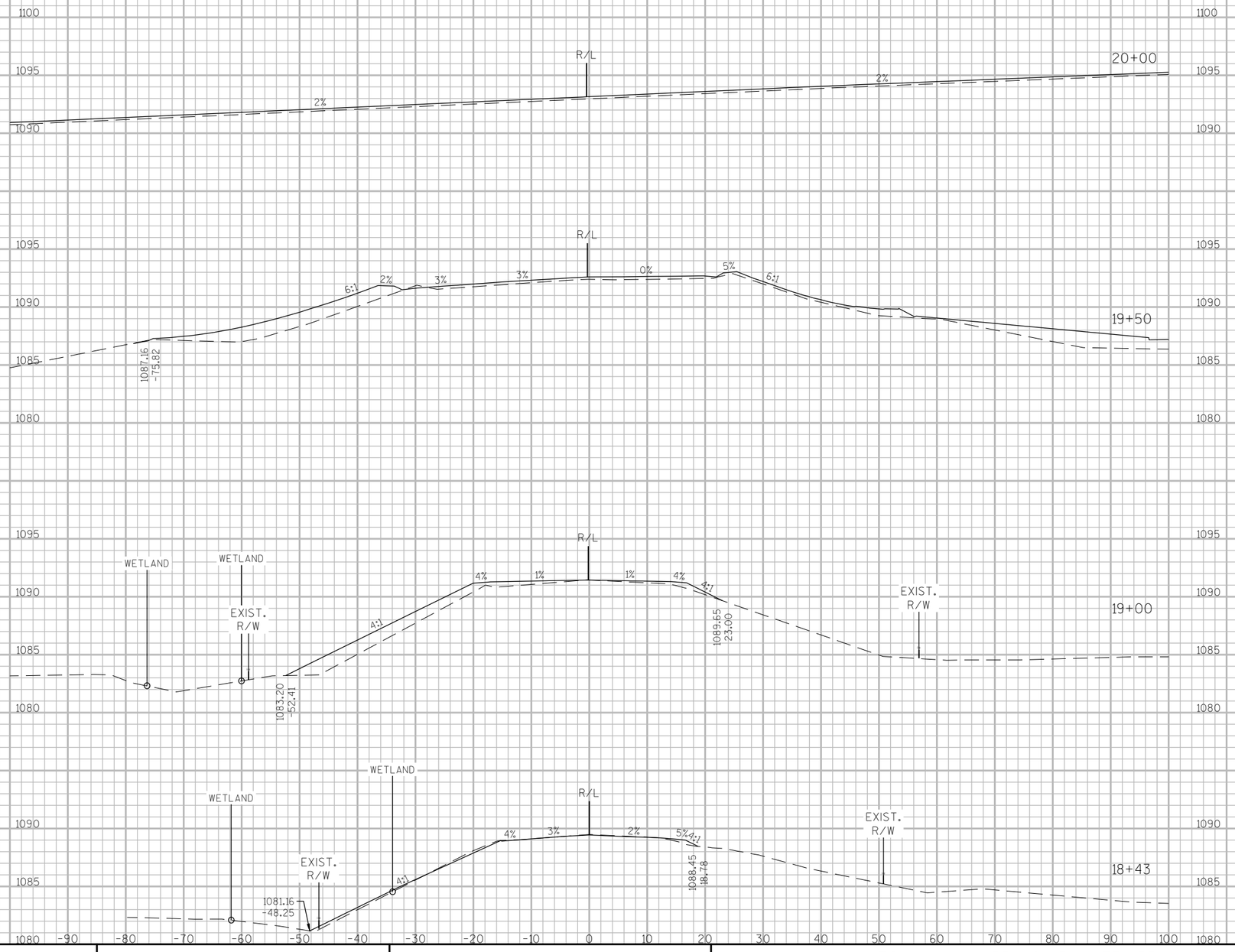
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 385	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG
PLOT DATE : 4/28/2017 5:59 PM
PLOT BY : RYAN BODENDORFER
PLOT NAME : _____
PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67	SHEET 386	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 6:00 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

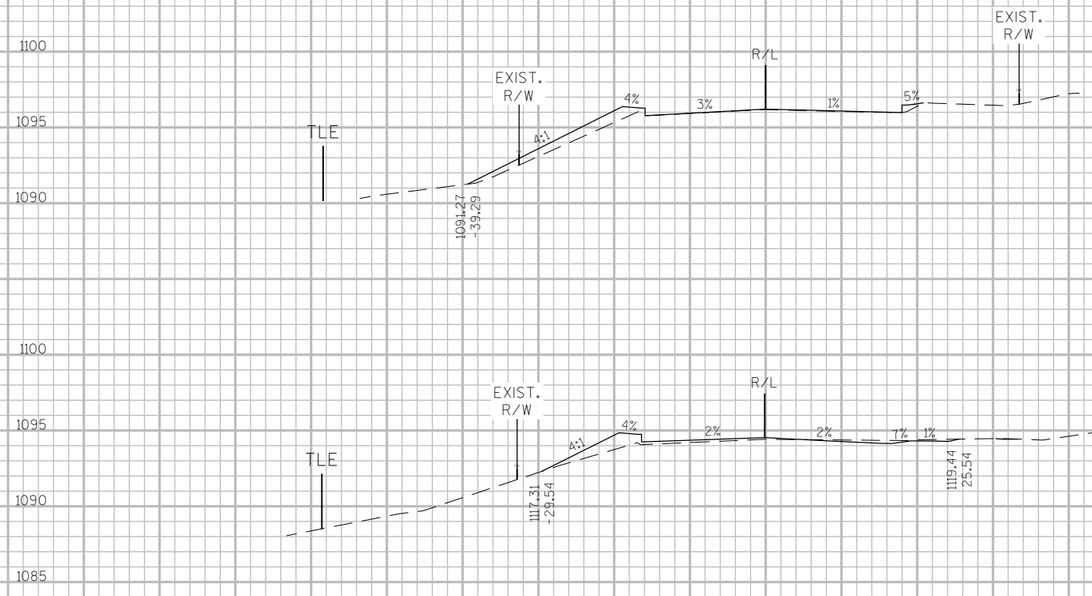


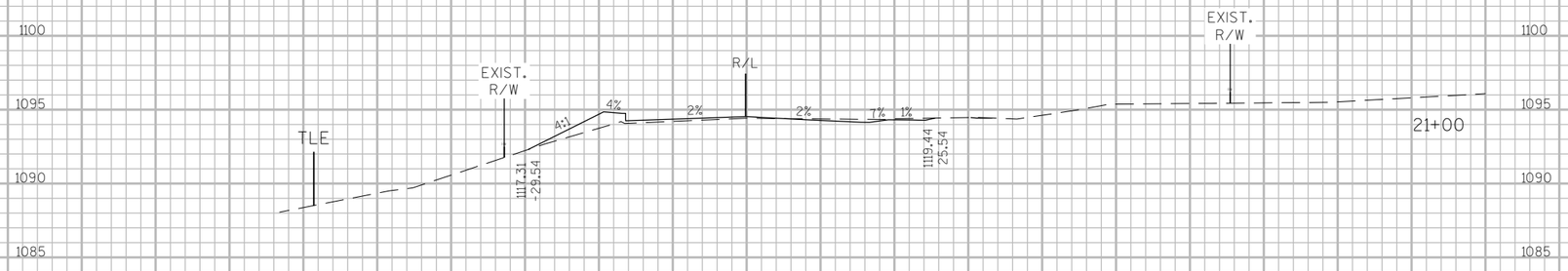
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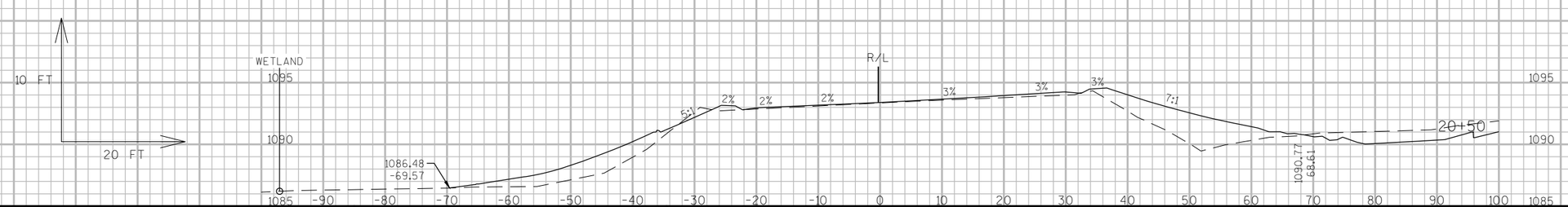
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: TOWN HALL RD. & PALMER RD.	SHEET 387	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 6:00 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49



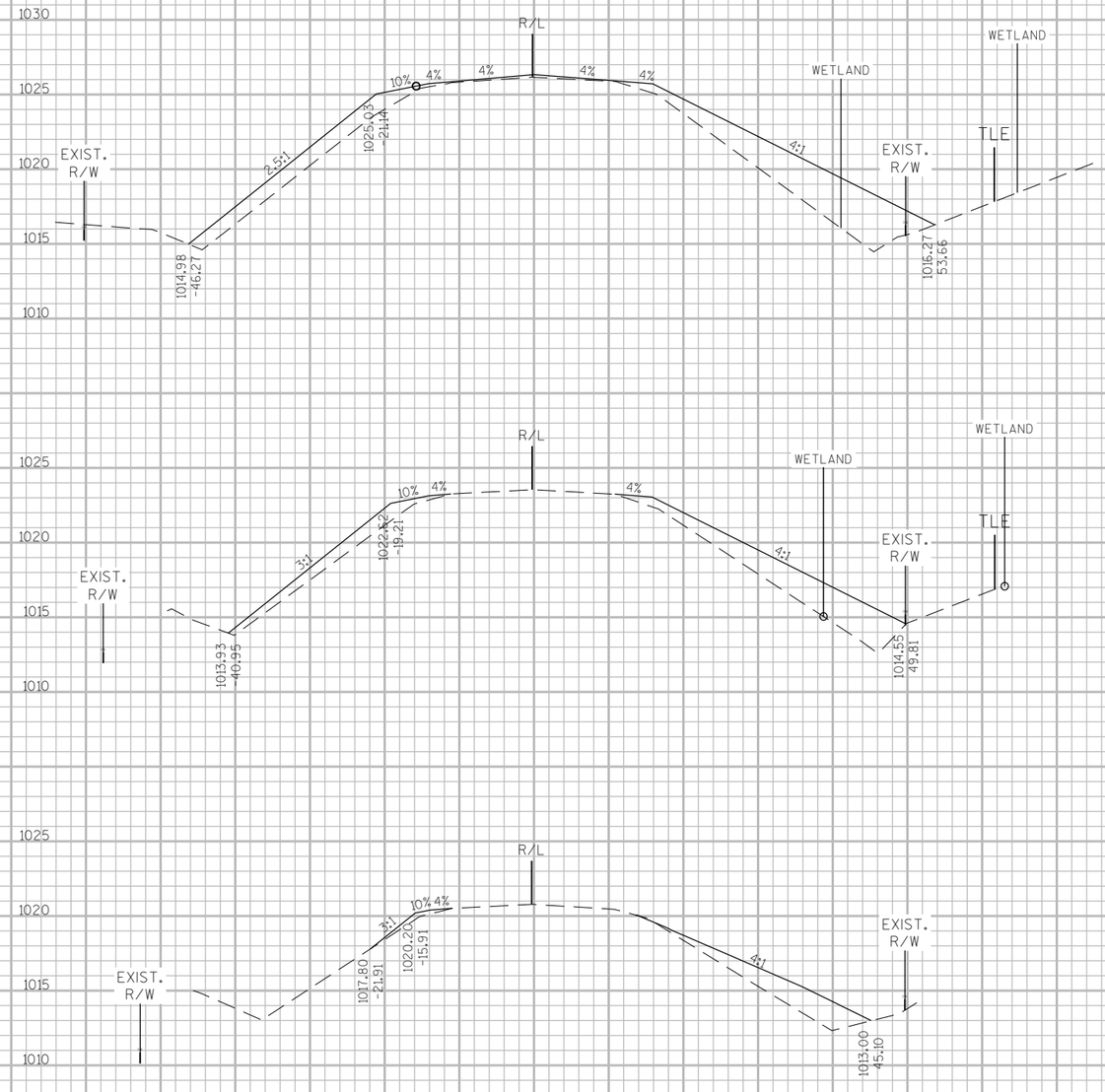




PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: TOWN HALL RD. & PALMER RD.	SHEET 388	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 6:01 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF

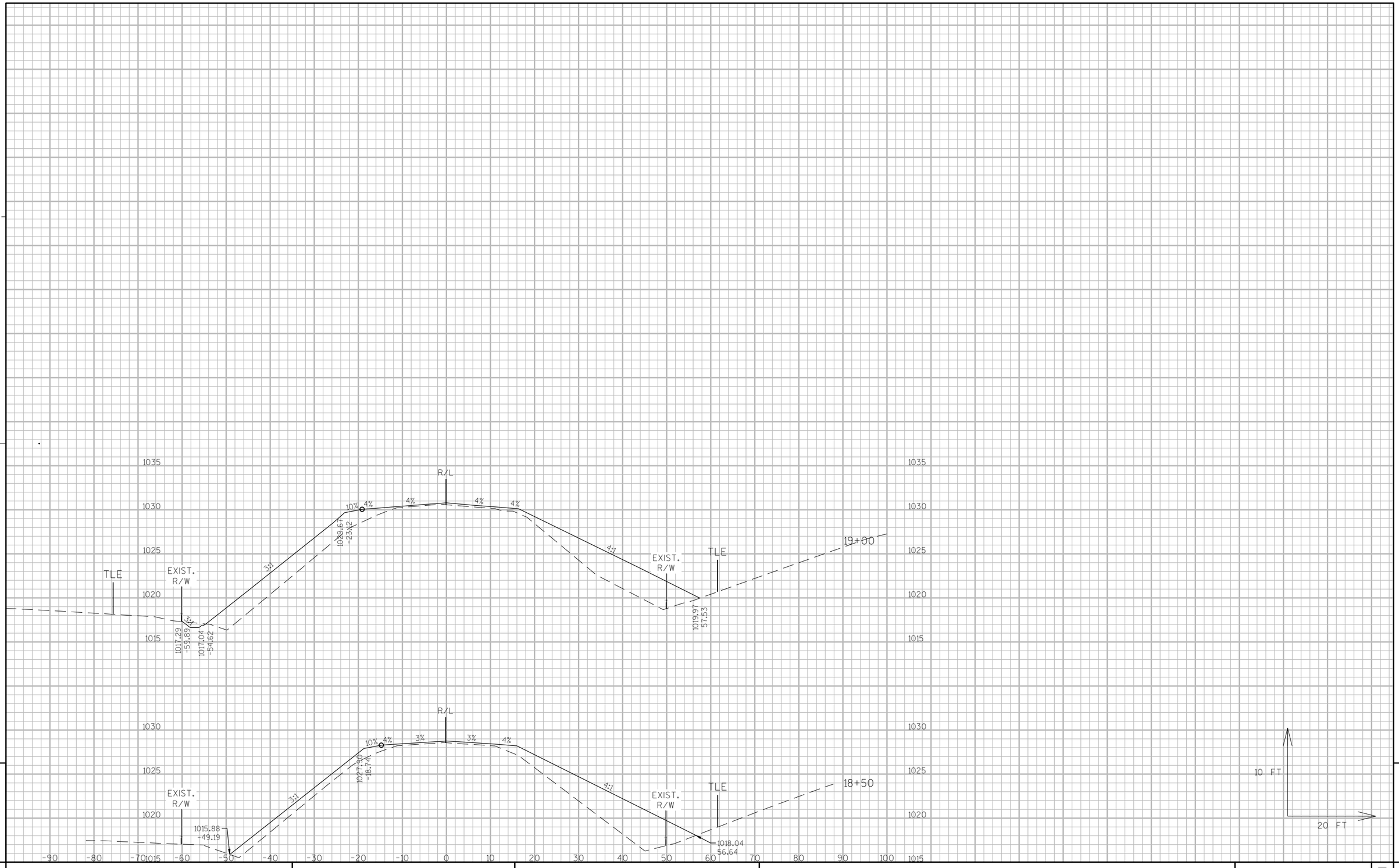
WISDOT/CADDS SHEET 49



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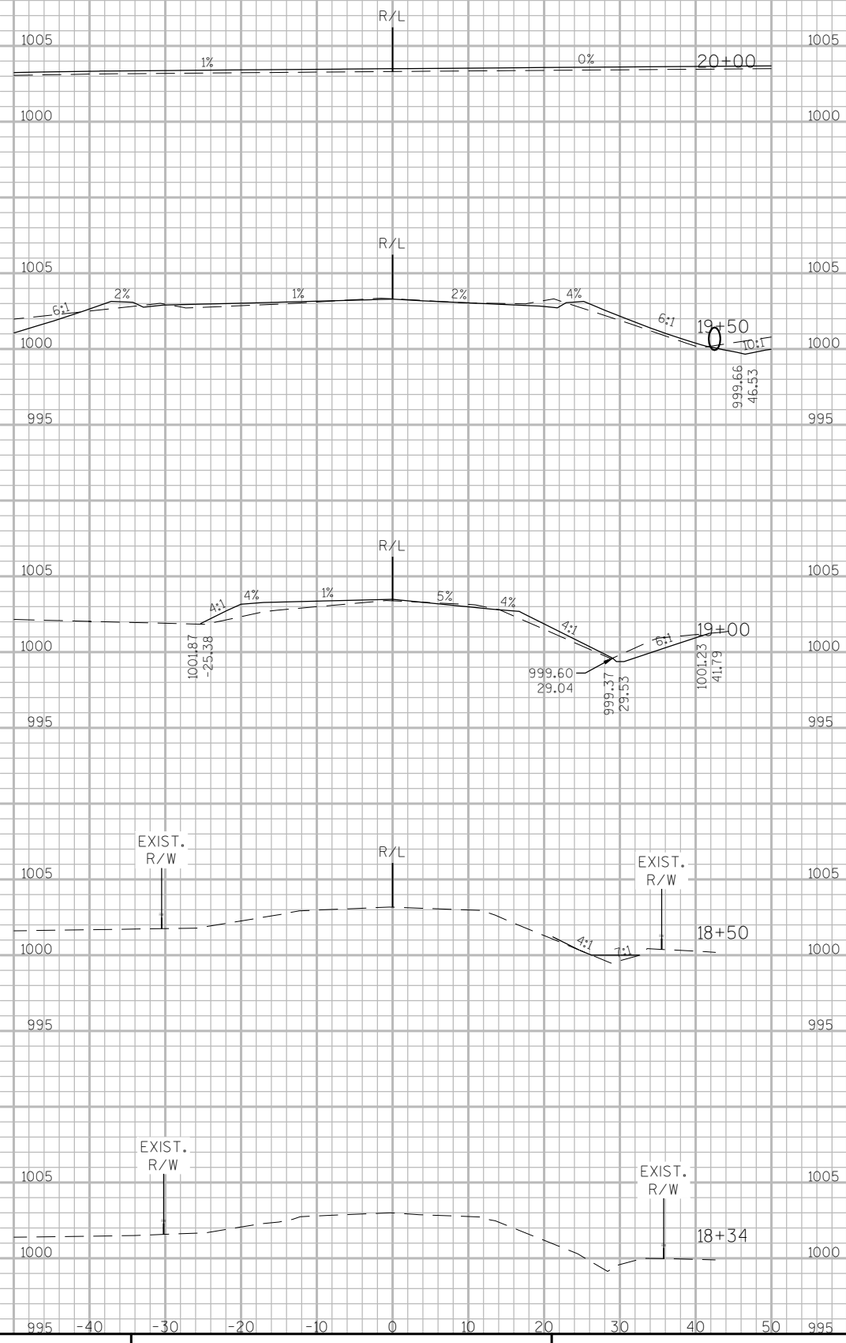
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: THEATRE RD.	SHEET 389	E



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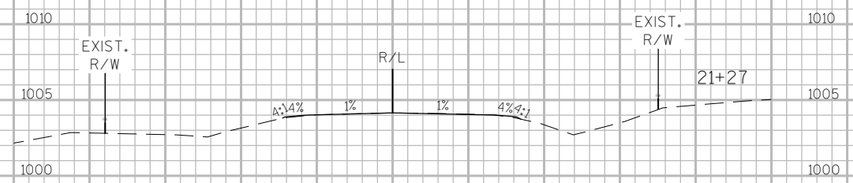
PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: THEATRE RD.	SHEET 390	E

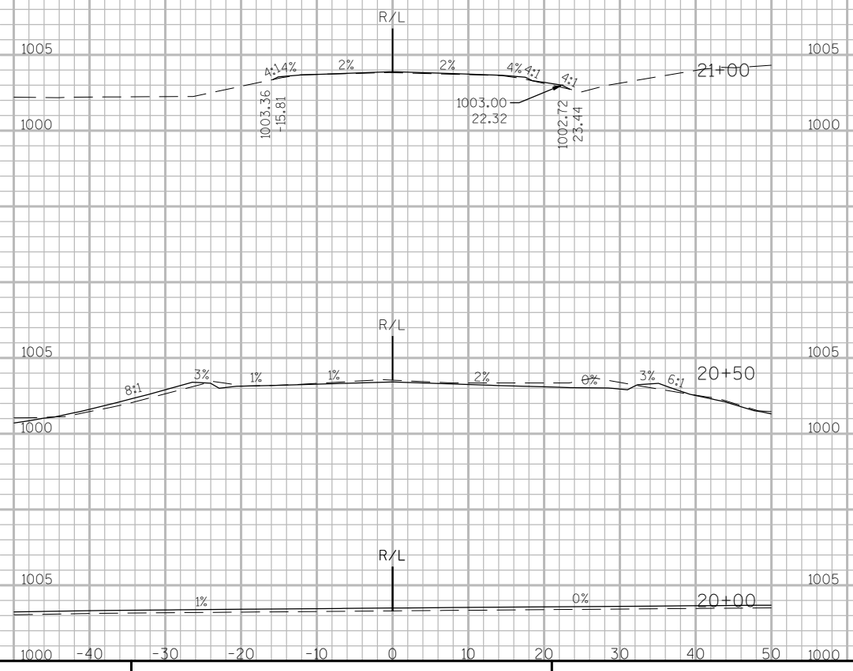


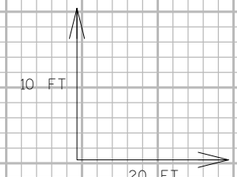
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PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: MOUND RD. & REMER RD.	SHEET 391	E







9

9

PROJECT NO: 3325-01-71	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: MOUND RD. & REMER RD.	SHEET 392	E

FILE NAME : P:\SHARED\1 - PROJECTS\2010\10-073 WDOT STH 67 CONST ENG\CAD\SHEETS\10-073 PLAN X-SECTIONS - TABS.DWG PLOT DATE : 4/28/2017 6:02 PM PLOT BY : RYAN BODENDORFER PLOT NAME : ------ PLOT SCALE : 1:20_XREF
WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov