PROJECT ID: 5290-02-70

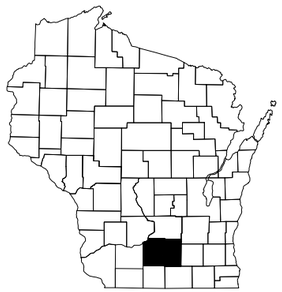
WITH:

COUNTY: DANE

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 =



N

DESIGN DESIGNATION

A.A.D.T.	2018	=	19100
A.A.D.T.	2038	=	22900
D.H.V.		=	2473
D.D.		=	59/41
T.		=	4.6%
DESIGN SPEED		=	60 MPH
ESALS		=	3,900,000

CONVENTIONAL SYMBOLS

PLAN

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

PROFILE

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

UTILITIES

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MAZOMANIE - SUN PRAIRIE

STH 113(S) INTERSECTION

STH 19

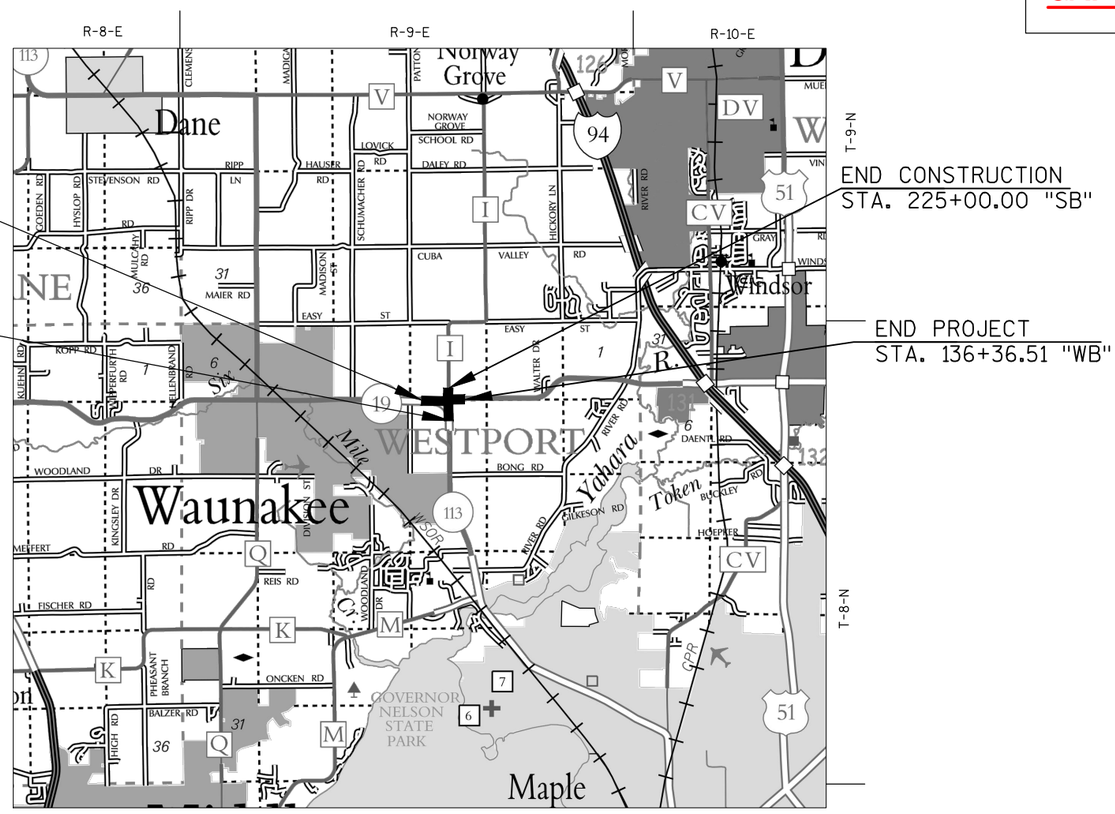
DANE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5290-02-70		

STATE PROJECT NUMBER
5290-02-70

60% PLAN APPROVED FOR THE DESIGN OF UTILITY ADJUSTMENTS

GAP - 6/27/2016



BEGIN PROJECT
STA. 100+00.00 "WB"
X=812137.12
Y=525444.71

BEGIN CONSTRUCTION
STA. 200+00.00 "SB"

END CONSTRUCTION
STA. 225+00.00 "SB"

END PROJECT
STA. 136+36.51 "WB"

LAYOUT
SCALE 0 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 1.162 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES. VERTICAL DATUM IS NAVD88 (2012).

ORIGINAL PLANS PREPARED BY

WISDOT
SW REGION

(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JSD PROFESSIONAL SERVICES, INC
Designer	GREGORY PAYNE
Project Manager	MATTHEW DAPP
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	WILLIAM STROBEL

APPROVED FOR THE DEPARTMENT

DATE: (Signature)

PRE_1

E

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
PAVING DETAILS
EROSION CONTROL DETAILS
STORM SEWER DETAILS
PERMANENT SIGNING DETAILS
LIGHTING DETAILS
PAVEMENT MARKING DETAILS
TRAFFIC CONTROL STAGING
ALIGNMENT DETAILS

GENERAL NOTES

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

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

PLACE 6" HMA PAVEMENT IN THREE LAYERS, 2" UPPER LAYER AND TWO 2" LOWER LAYERS. PLACE 5" HMA PAVEMENT IN TWO LAYERS, A 2" UPPER LAYER AND A 3" LOWER LAYER. PLACE THE 4" ASPHALTIC SURFACE IN A SINGLE LAYER.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTION AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING OR BIKE LANE.

THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EROSION CONTROL ITEMS IN THE MISCELLANEOUS QUANTITIES, TYPICAL SECTIONS, AND EROSION CONTROL PLANS ARE SUGGESTED. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE TOPSOILED, FERTILIZED, AND SEEDED AS DIRECTED BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

CURB AND GUTTER GRADES ARE MEASURED AT THE FLANGE LINE.

CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE LINE.

THE LOCATION OF STORM SEWER STRUCTURES REFERS TO THE CENTER OF THE STRUCTURE.

STANDARD ABBREVIATIONS

AGG	AGGREGATE	PROJ	PROJECT
AADT	ANNUAL AVERAGE DAILY TRAFFIC	RL	REFERENCE LINE
CL OR C/L	CENTER LINE	R/W	RIGHT OF WAY
CTH	COUNTY TRUNK HIGHWAY	RD	ROAD
CY	CUBIC YARD	RDWY	ROADWAY
DHV	DESIGN HOUR VOLUME	SHLDR	SHOULDER
EB	EASTBOUND	S	SOUTH
FE	FIELD ENTRANCE	SPECS	SPECIFICATIONS
FT	FOOT	SF	SQUARE FOOT
IN DIA	INCH DIAMETER	SY	SQUARE YARD
LIN FT OR LF	LINEAR FOOT	SDD	STANDARD DETAIL DRAWING
OH	OVERHEAD	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
PAVT	PAVEMENT	TEL	TELEPHONE
LB	POUND	UG	UNDERGROUND
PSI	POUNDS PER SQUARE INCH	W	WEST
		WB	WESTBOUND

UTILITY CONTACTS

MIKE OLSEN
ATC MANAGEMENT, INC. - ELECTRICITY
801 O'KEEFE RD
P.O. BOX 6113
DE PERE, WI 54115-6113
(920) 338-6582
MOLSEN@ATCLLC.COM

TIM STATZ
MADISON GAS AND ELECTRIC COMPANY - GAS/PETROLEUM
P.O. BOX 1231
MADISON, WI 53701-1231
(608) 252-4727
TSTATZ@MGE.COM

JERRY MYERS
TDS TELECOM - COMMUNICATION LINE
525 JUNCTION RD
MADISON, WI 53717
(608) 664-4404
JERRY.MYERS@TDSTELECOM.COM

DAVE DRESEN
WAUNAKEE UTILITIES - ELECTRICITY
322 MORAVIAN VALLEY RD
P.O. BOX 70
WAUNAKEE, WI 53597
(608) 850-5450
DDRESEN@WPPIENERGY.ORG

JASON HOGAN
ALLIANT ENERGY - ELECTRICITY
SUITE 1000
4902 N BILTMORE LANE
MADISON, WI 53718
(608) 458-4871
JASONHOGAN@ALLIANTENERGY.COM

CAROL ANASON
AT&T WISCONSIN - COMMUNITCATION
316 W WASHINGTON AVE
MADISON, WI 53703
(608) 252-2385
CA2624@ATT.COM

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

OTHER CONTACTS

AIRPORT CONTACT

JUSTIN HETLAND
AIRSPACE SAFETY PROGRAM MANAGER
DEPARTMENT OF
TRANSPORTATION/DTIM/AERONAUTICS
4802 SHEBOYGAN AVE ROOM 701
MADISON, WI 53707
608-267-5018

DNR CONTACT

ERIC HEGGELUND
3911 FISH HATCHERY RD
FITCHBURG, WI 53711
(608) 275-3301
ERIC.HEGGLELUND@WISCONSIN.GOV

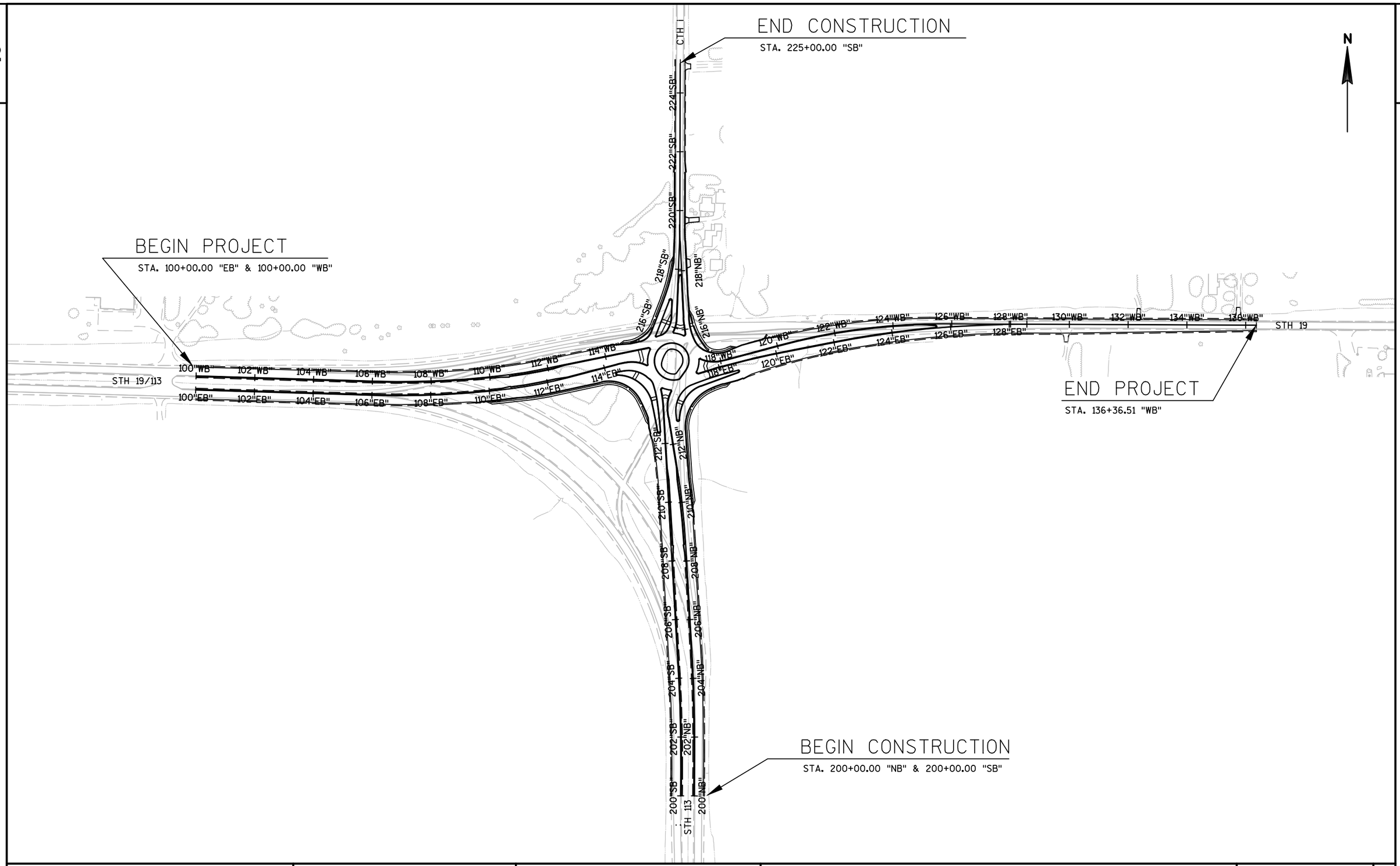
DESIGNER

GREGORY PAYNE
2101 WRIGHT ST
MADISON, WI 53704
(608) 516-4106
GREGORY.PAYNE@DOT.WI.GOV

PROJECT MANAGER

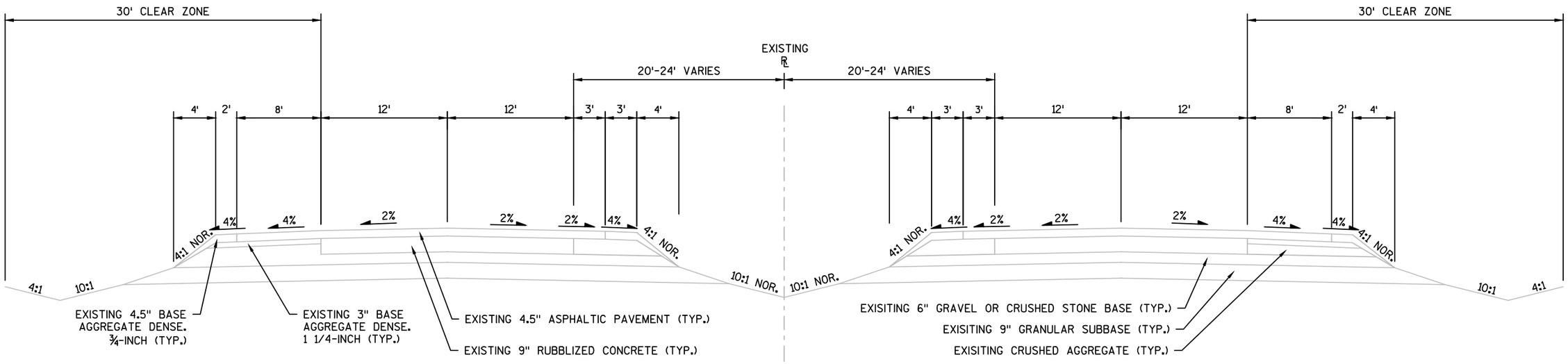
MATTHEW DAPP
2101 WRIGHT ST
MADISON, WI 53704
(608) 246-5353
MATTHEW.DAPP@DOT.WI.GOV

2



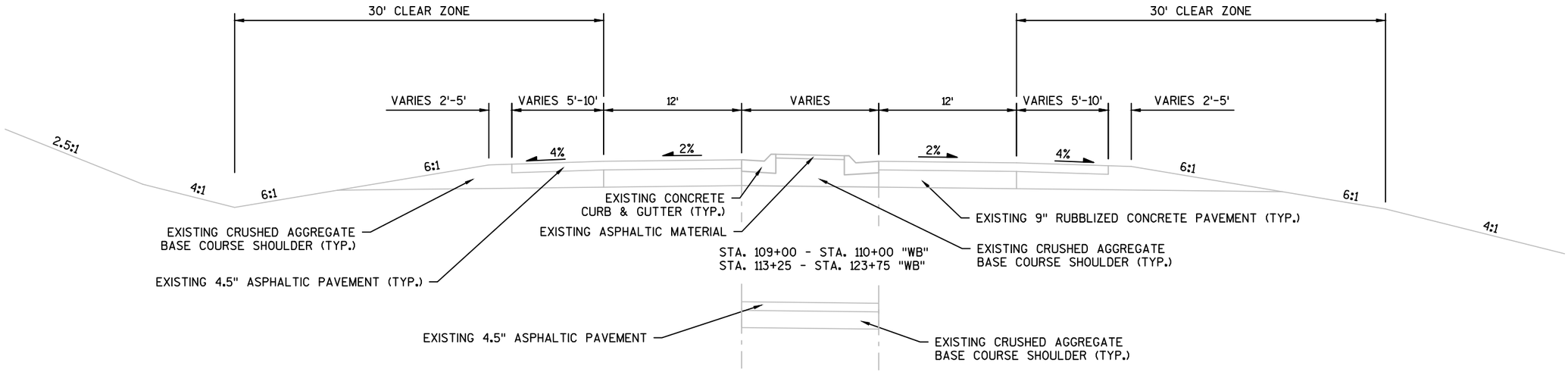
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PROJECT OVERVIEW	SHEET E

PRE_3



STH 19/ 113 EXISTING TYPICAL SECTION

STA. 100+00 - 109+00 "WB"
STA 200+00 - 208+00 "SB"



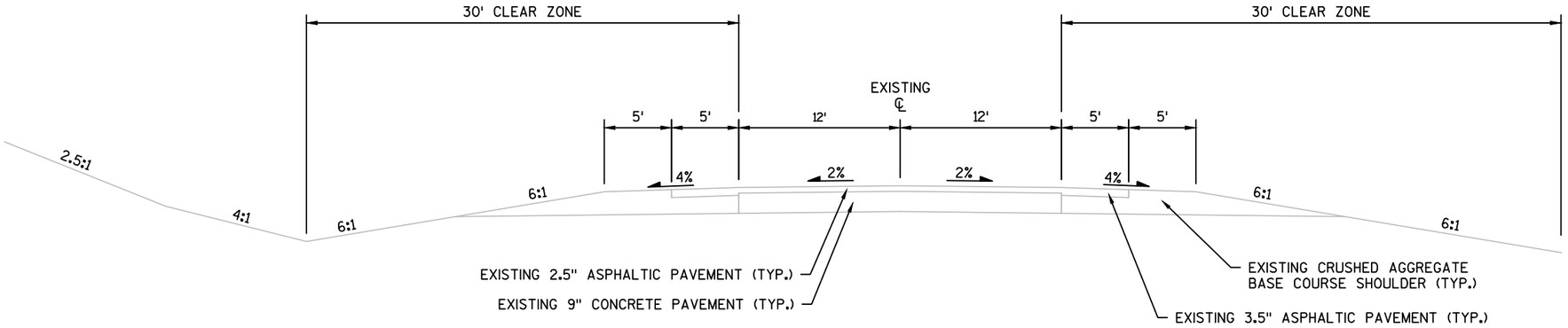
STA. 110+00 - STA. 113+35 "WB"
STA. 123+75 - STA. 127+50 "WB"

STH 19 EXISTING TYPICAL SECTION

STA. 109+00 - STA. 127+50 "WB"

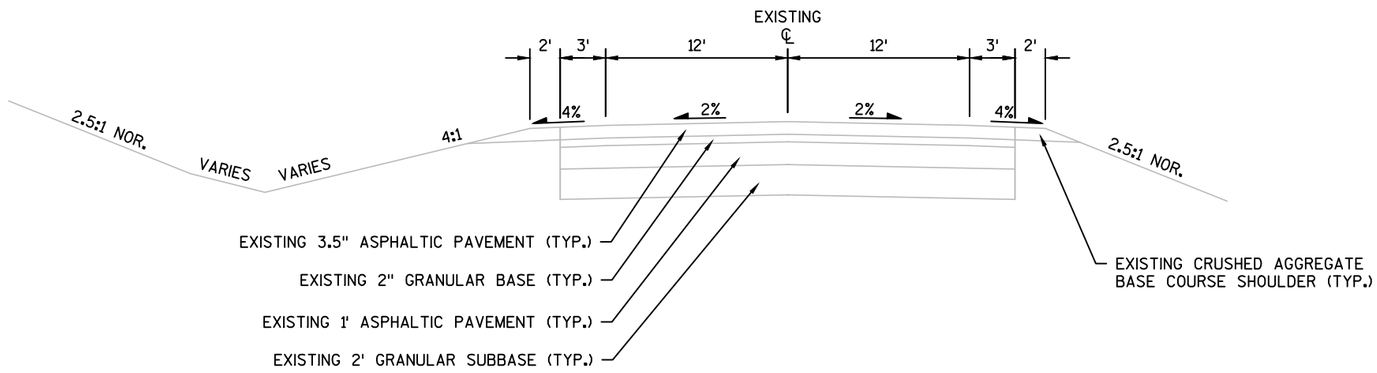
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN: TYPICAL SECTION	SHEET E

2



STH 19 EXISTING TYPICAL SECTION

STA. 127+50 - STA. 136+36.51 "WB"

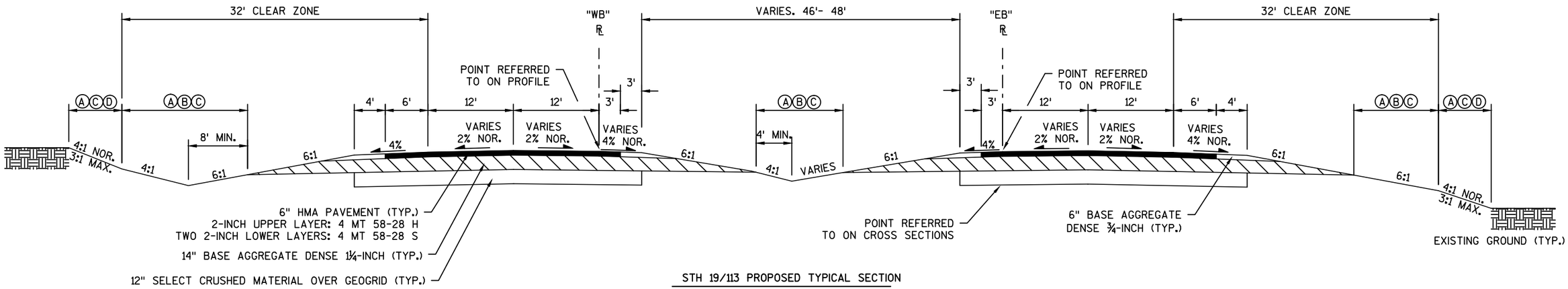


CTH I EXISTING TYPICAL SECTION

STA. 215+50 - STA. 225+00.00 "SB"

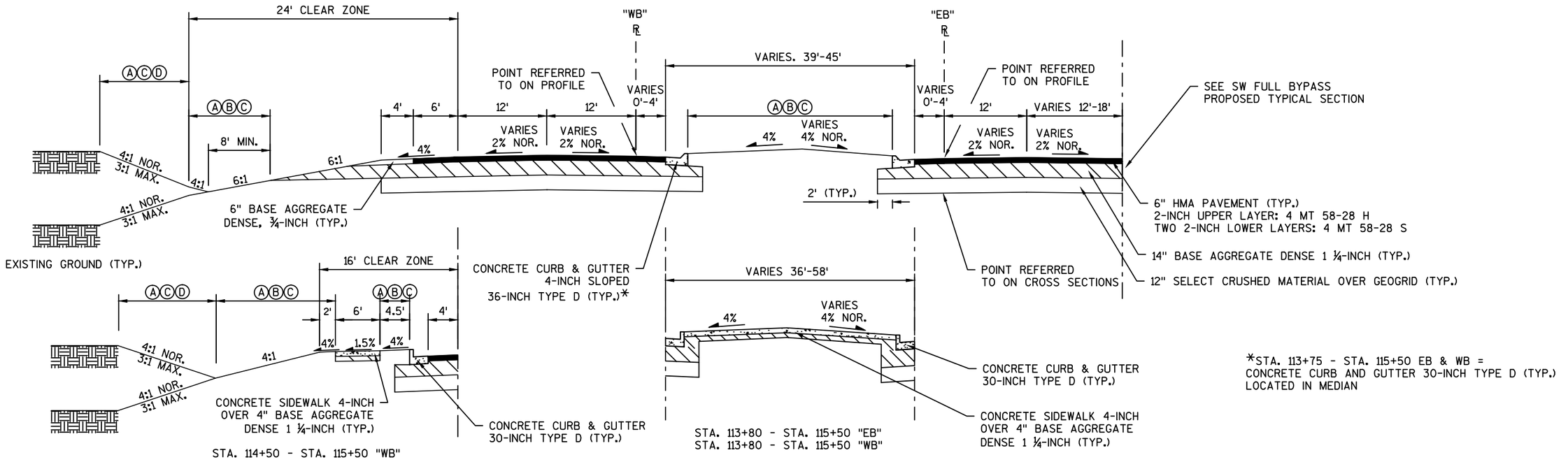
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN: TYPICAL SECTION	SHEET E

PRE_5



STH 19/113 PROPOSED TYPICAL SECTION

STA. 100+00 - STA. 109+75 "EB"
STA. 100+00 - STA. 110+75 "WB"



STA. 114+50 - STA. 115+50 "WB"

STA. 113+80 - STA. 115+50 "EB"
STA. 113+80 - STA. 115+50 "WB"

*STA. 113+75 - STA. 115+50 EB & WB =
CONCRETE CURB AND GUTTER 30-INCH TYPE D (TYP.)
LOCATED IN MEDIAN

LEGEND

Ⓐ SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B

Ⓑ MULCHING

Ⓒ SALVAGED TOPSOIL

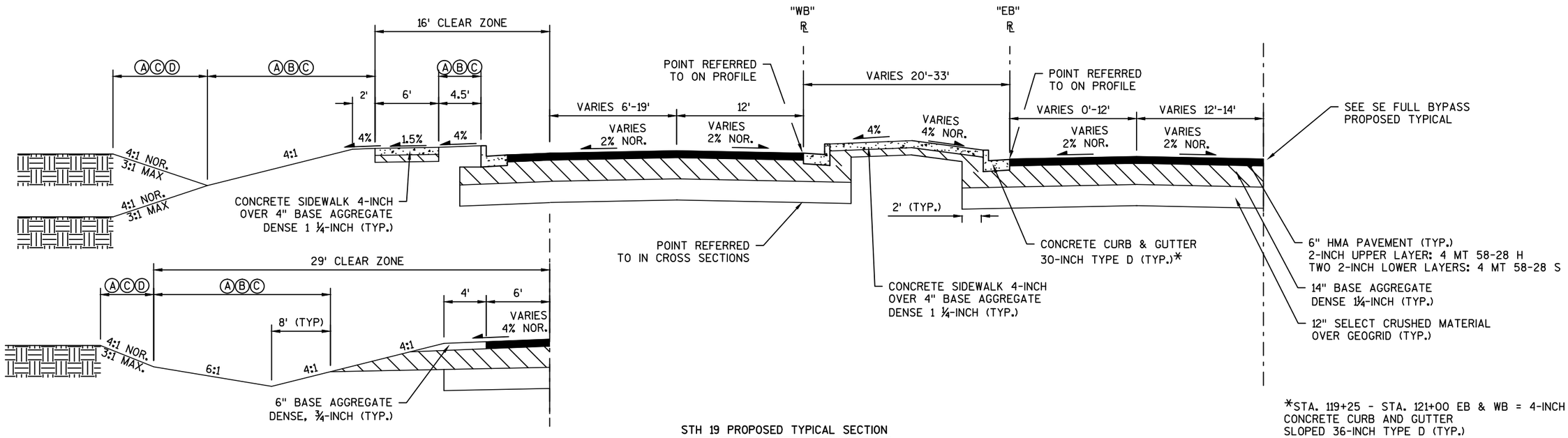
Ⓓ EROSION MAT, CLASS I TYPE B

STH 19/113 PROPOSED TYPICAL SECTION

STA. 109+75 - STA. 115+50 "EB"
STA. 110+75 - STA. 115+50 "WB"

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN: TYPICAL SECTION	SHEET E

PRE_6

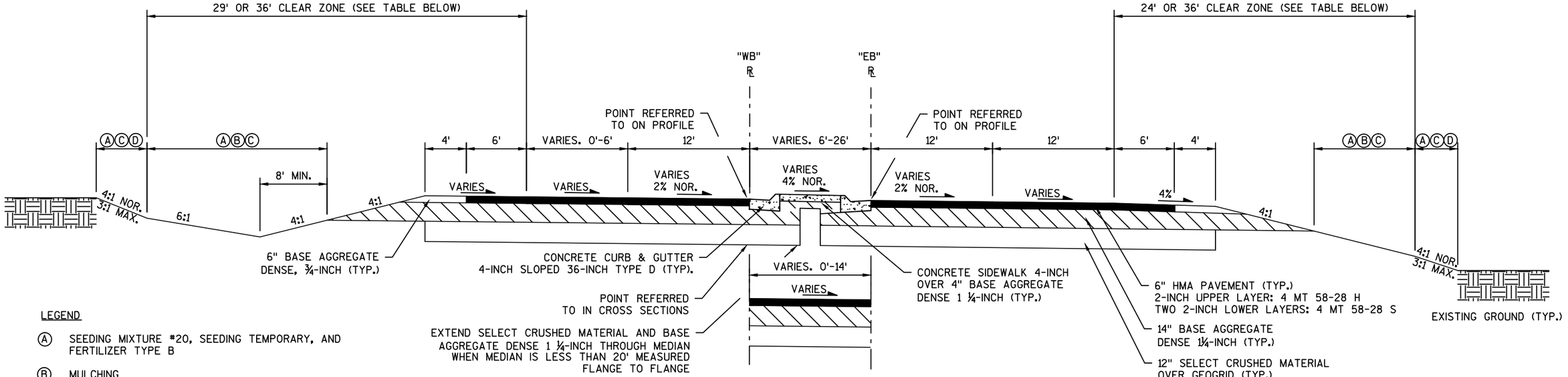


STA. 118+50 - STA. 121+00 "WB"

*STA. 119+25 - STA. 121+00 EB & WB = 4-INCH CONCRETE CURB AND GUTTER SLOPED 36-INCH TYPE D (TYP.)

STH 19 PROPOSED TYPICAL SECTION

STA. 117+00 - STA. 121+00 "EB"
STA. 117+00 - STA. 121+00 "WB"



STA. 125+50 - STA. 128+59.85 "EB"
STA. 125+50 - STA. 128+55.43 "WB"

STH 19 PROPOSED TYPICAL SECTION

STA. 121+00 - STA. 128+59.85 "EB"
STA. 121+00 - STA. 128+55.43 "WB"

LEGEND

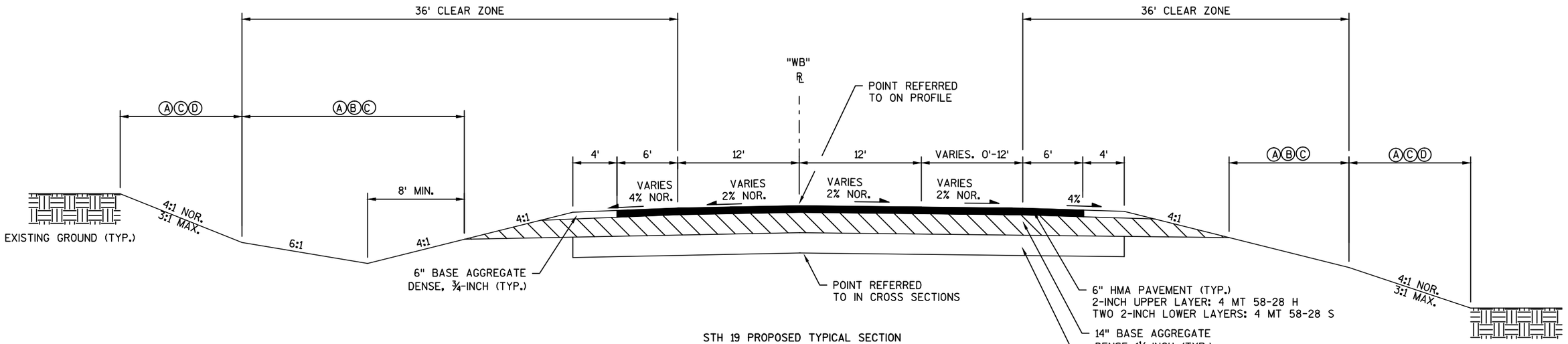
- (A) SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B

CLEAR ZONE	
STA. 121+00.00 - STA. 125+50.00 "EB"	24' CLEAR ZONE
STA. 125+50.00 - STA. 128+59.85 "EB"	36' CLEAR ZONE
STA. 121+00.00 - STA. 125+50.00 "WB"	29' CLEAR ZONE
STA. 125+50.00 - STA. 128+55.43 "WB"	36' CLEAR ZONE

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY:DANE	PLAN: TYPICAL SECTION	SHEET E

PRE_7

2



STH 19 PROPOSED TYPICAL SECTION

STA. 128+55.43 - STA. 136+36.51 "WB"

LEGEND

Ⓐ SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B

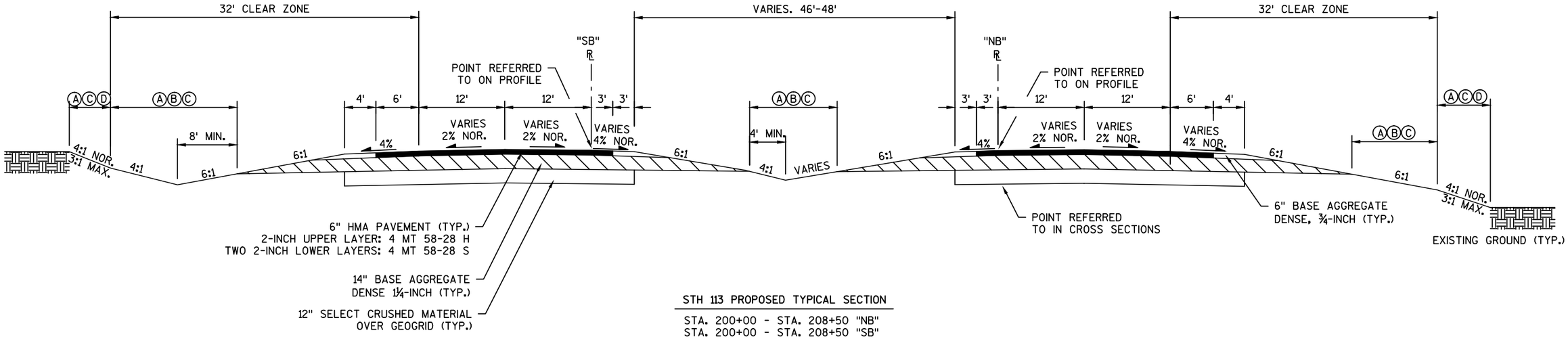
Ⓑ MULCHING

Ⓒ SALVAGED TOPSOIL

Ⓓ EROSION MAT, CLASS I TYPE B

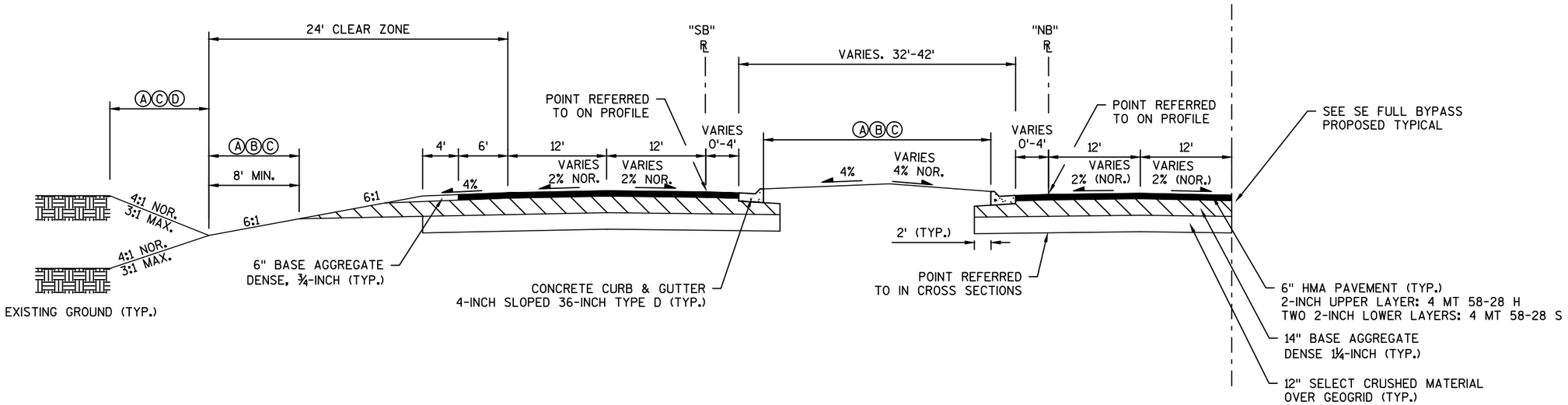
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY:DANE	PLAN: TYPICAL SECTION	SHEET E

PRE_8



STH 113 PROPOSED TYPICAL SECTION

STA. 200+00 - STA. 208+50 "NB"
STA. 200+00 - STA. 208+50 "SB"



LEGEND

Ⓐ SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B

Ⓑ MULCHING

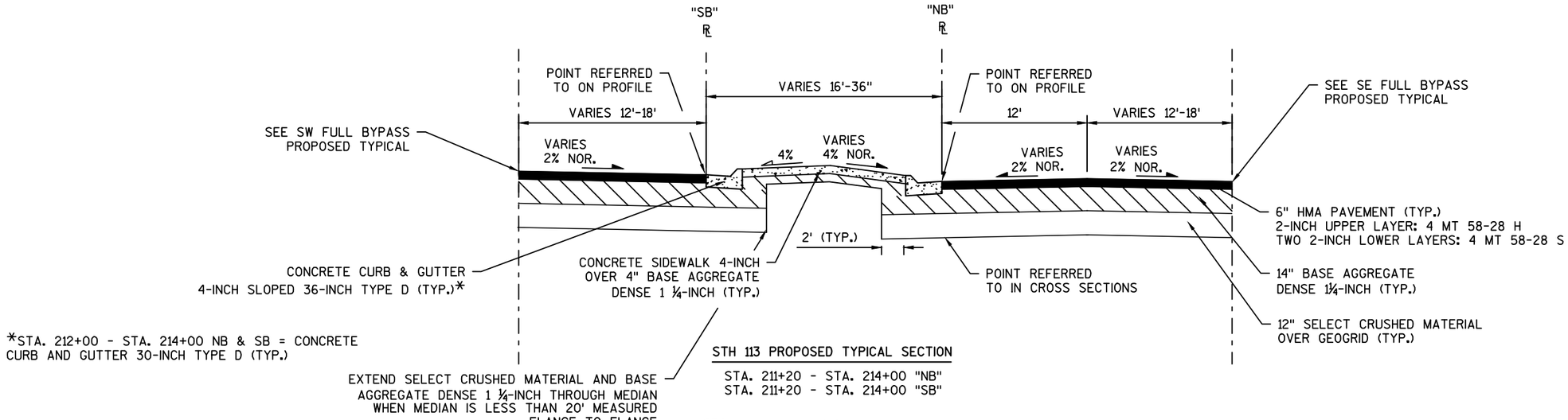
Ⓒ SALVAGED TOPSOIL

Ⓓ EROSION MAT, CLASS I TYPE B

STH 113 PROPOSED TYPICAL SECTION

STA. 208+50 - STA. 211+20 "NB"
STA. 208+50 - STA. 211+20 "SB"

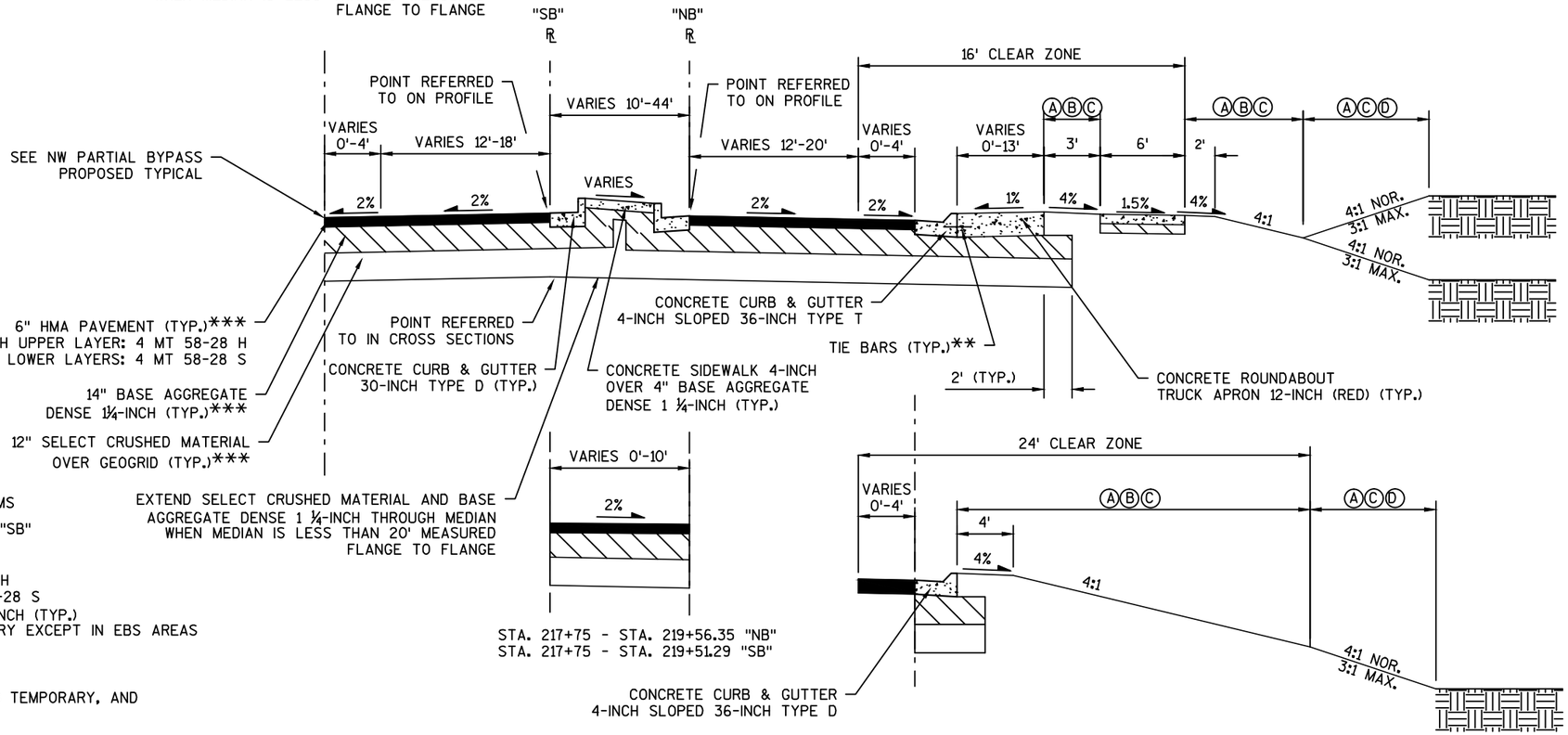
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN: TYPICAL SECTION	SHEET E



*STA. 212+00 - STA. 214+00 NB & SB = CONCRETE CURB AND GUTTER 30-INCH TYPE D (TYP.)

STH 113 PROPOSED TYPICAL SECTION

STA. 211+20 - STA. 214+00 "NB"
STA. 211+20 - STA. 214+00 "SB"



**NO. 4, 2' TIE BARS SPACED 3' C-C INCIDENTAL TO CURB & GUTTER BID ITEMS

***FROM STA. 218+85 "SB" - 225+00 "SB"

USE THE FOLLOWING PAVEMENT DESIGN:
4.5" HMA PAVEMENT (TYP).:
TOP 2-INCH UPPER LAYER: 4 MT 58-28 H
BOTTOM 3-INCH LOWER LAYER: 4 MT 58-28 S
OVER 12" BASE AGGREGATE DENSE 1 ¼ INCH (TYP.)
NO SELECT CRUSHED MATERIAL NECESSARY EXCEPT IN EBS AREAS

LEGEND

Ⓐ SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B

Ⓑ MULCHING

Ⓒ SALVAGED TOPSOIL

Ⓓ EROSION MAT, CLASS I TYPE B

STA. 217+75 - STA. 219+56.35 "NB"
STA. 217+75 - STA. 219+51.29 "SB"

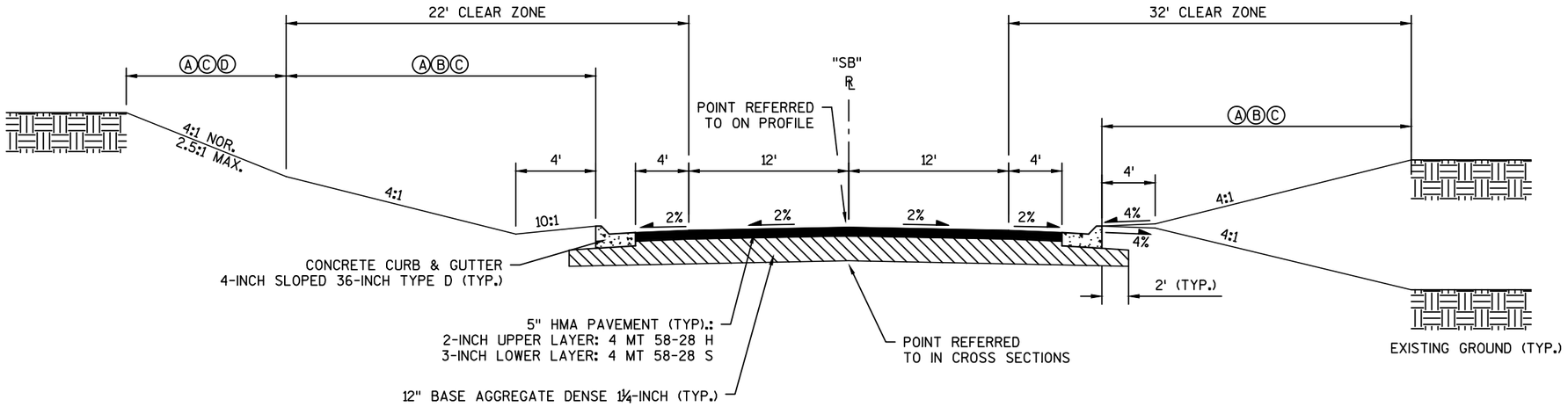
CTH I PROPOSED TYPICAL SECTION

STA. 215+75 - STA. 219+56.35 "NB"
STA. 215+75 - STA. 219+51.29 "SB"

STA. 217+00 - STA. 219+56.35 "NB"
STA. 217+00 - STA. 219+51.29 "SB"

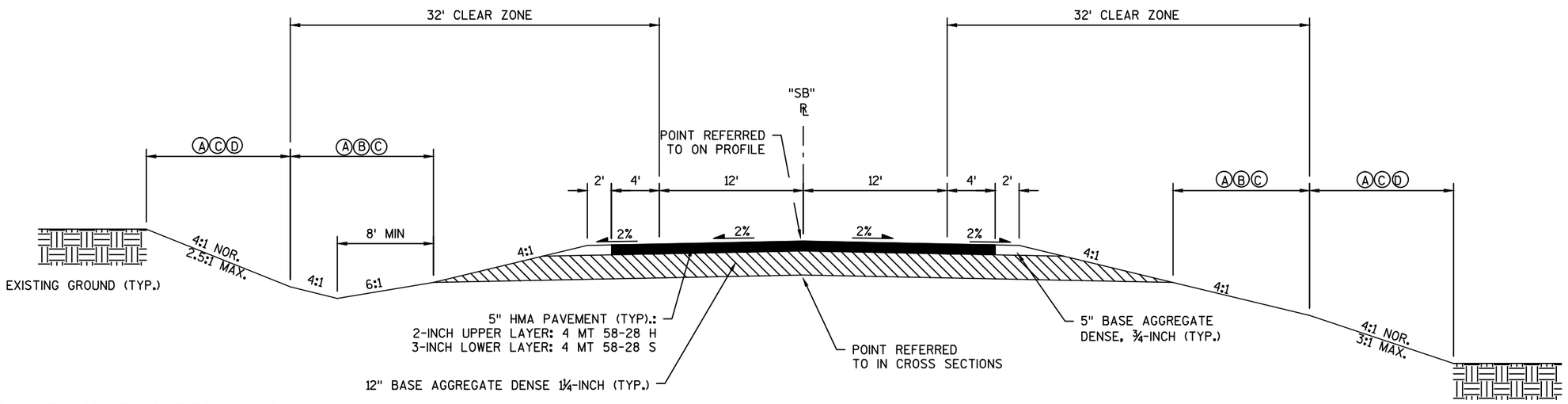
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN: TYPICAL SECTION	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\020301_TS.DWG PLOT DATE : 6/27/2016 3:21 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : ---------- PLOT SCALE : 0.100193
WISDOT/CADDS SHEET 42



CTH I PROPOSED TYPICAL SECTION

STA. 219+51.29 - STA. 221+75 "SB"



CTH I PROPOSED TYPICAL SECTION

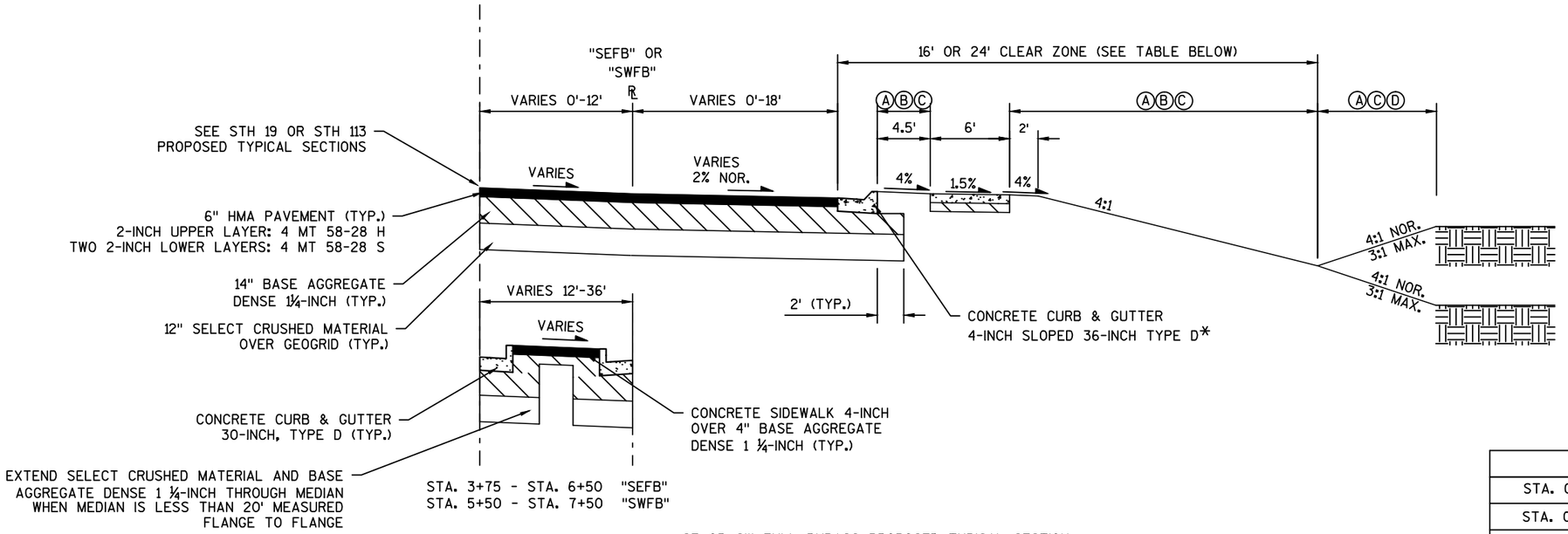
STA. 221+75 - STA. 225+00.00 "SB"

LEGEND

- Ⓐ SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B
- Ⓑ MULCHING
- Ⓒ SALVAGED TOPSOIL
- Ⓓ EROSION MAT, CLASS I TYPE B

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN: TYPICAL SECTION	SHEET E

2



SE OR SW FULL BYPASS PROPOSED TYPICAL SECTION

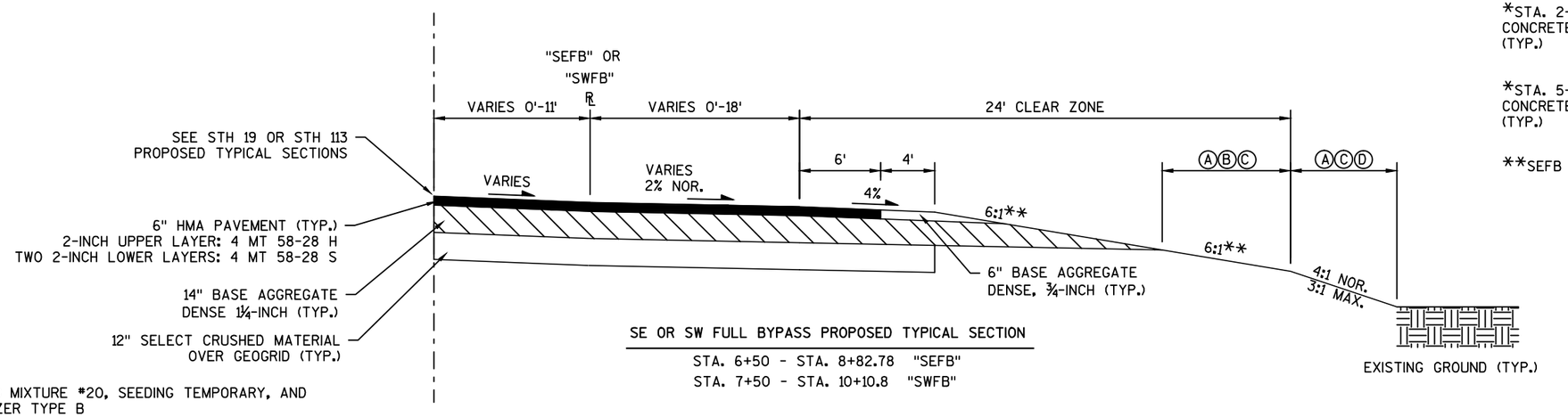
STA. 0+00 - STA. 6+50 "SEFB"
STA. 0+00 - STA. 7+50 "SWFB"

CLEAR ZONE	
STA. 0+00 - STA. 2+00 "SEFB"	24' CLEAR ZONE
STA. 0+00 - STA. 5+50 "SWFB"	24' CLEAR ZONE
STA. 2+00 - STA. 6+50 "SEFB"	16' CLEAR ZONE
STA. 5+50 - STA. 7+50 "SWFB"	16' CLEAR ZONE

*STA. 2+00 - STA. 6+50 "SEFB" = CONCRETE CURB AND GUTTER 30-INCH TYPE D (TYP.)

*STA. 5+50 - STA. 7+50 "SWFB" = CONCRETE CURB AND GUTTER 30-INCH TYPE D (TYP.)

**SEFB = 4:1 SLOPES; SWFB = 6:1 SLOPES



SE OR SW FULL BYPASS PROPOSED TYPICAL SECTION

STA. 6+50 - STA. 8+82.78 "SEFB"
STA. 7+50 - STA. 10+10.8 "SWFB"

LEGEND

Ⓐ SEEDING MIXTURE *20, SEEDING TEMPORARY, AND FERTILIZER TYPE B

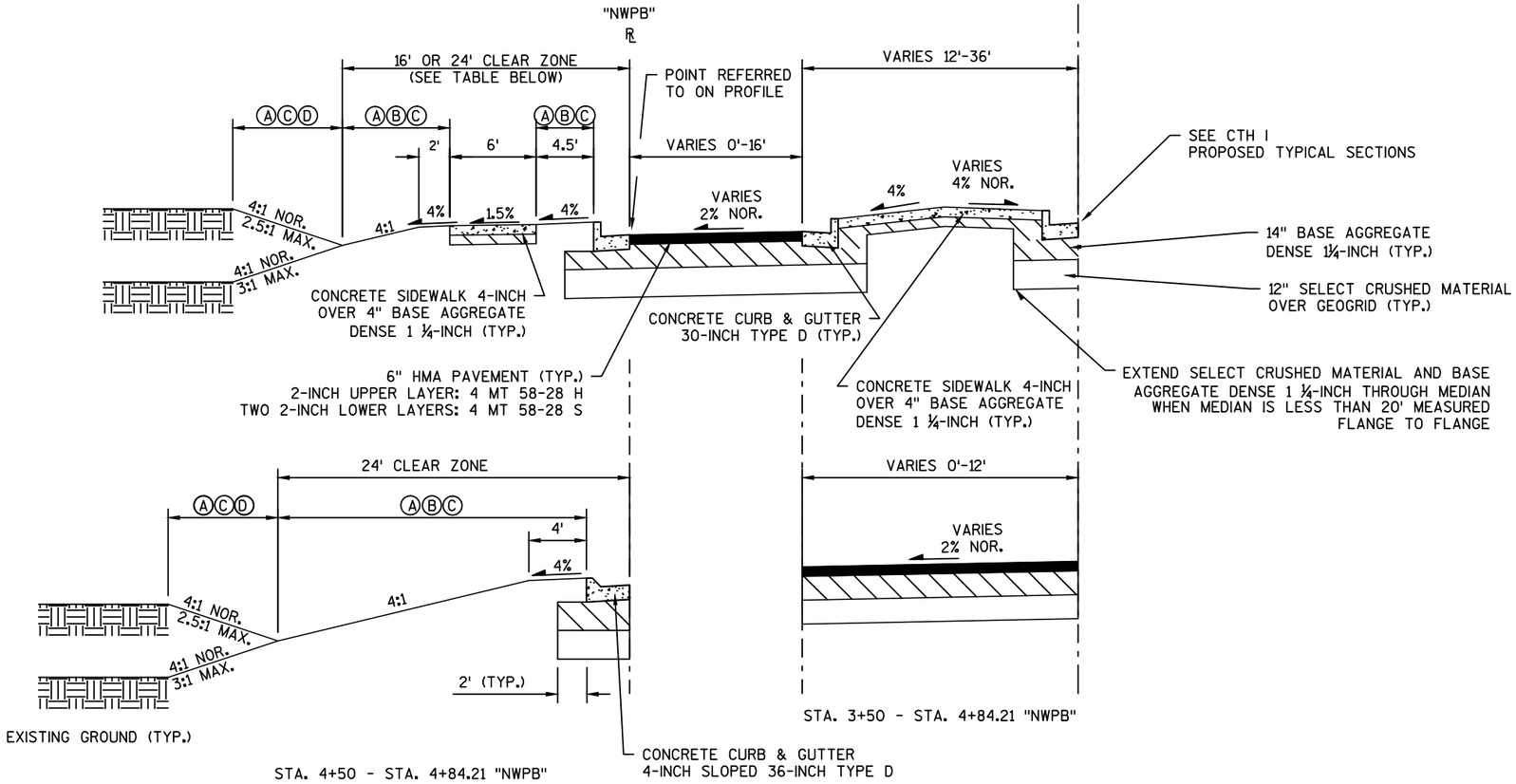
Ⓑ MULCHING

Ⓒ SALVAGED TOPSOIL

Ⓓ EROSION MAT, CLASS I TYPE B

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY:DANE	PLAN: TYPICAL SECTION	SHEET E

PRE_12



NW PARTIAL BYPASS PROPOSED TYPICAL SECTION

STA. 1+85.00 - STA. 4+84.21 "NWPB"

LEGEND

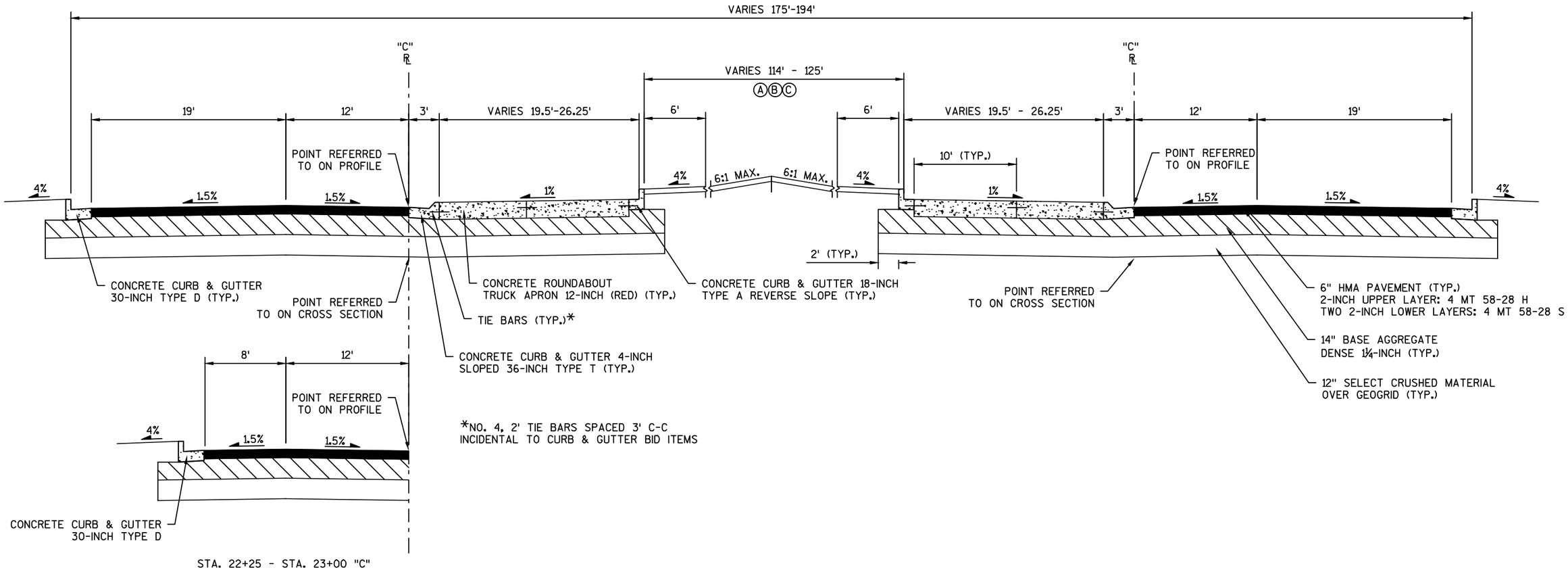
Ⓐ SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B

Ⓑ MULCHING

Ⓒ SALVAGED TOPSOIL

Ⓓ EROSION MAT, CLASS I TYPE B

CLEAR ZONE	
STA. 1+85 - STA. 3+50 "NWPB"	16' CLEAR ZONE
STA. 3+50 - STA. 4+50 "NWPB"	24' CLEAR ZONE



STA. 22+25 - STA. 23+00 "C"

ROUNDABOUT PROPOSED TYPICAL SECTION

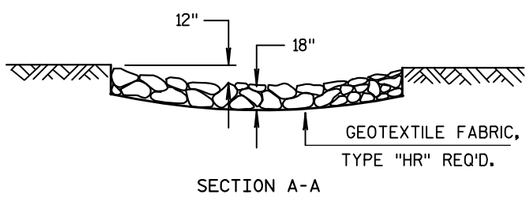
STA. 20+00 - STA. 23+91.48 "C"

LEGEND

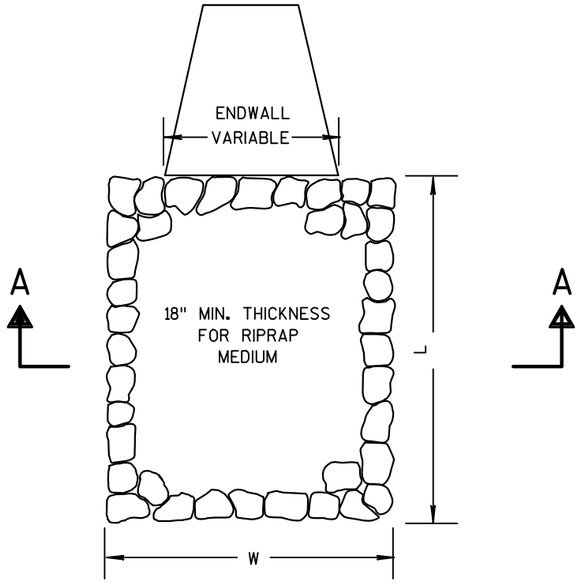
- Ⓐ SEEDING MIXTURE #20, SEEDING TEMPORARY, AND FERTILIZER TYPE B
- Ⓑ MULCHING
- Ⓒ SALVAGED TOPSOIL
- Ⓓ EROSION MAT, CLASS I TYPE B

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN: TYPICAL SECTION	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\020301_TS.DWG PLOT DATE : 6/27/2016 3:21 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : ---------- PLOT SCALE : 1 IN:10 FT

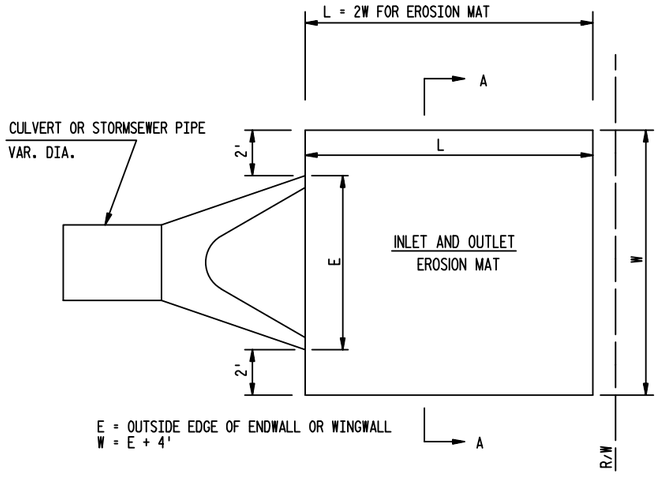


SECTION A-A



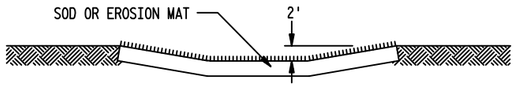
LENGTH	WIDTH	LOCATION
24'	65'	120+50 "WB", 100' RT
15'	20'	210+70 "SB", 130' RT

RIPRAP MEDIUM TREATMENT AT ENDWALLS



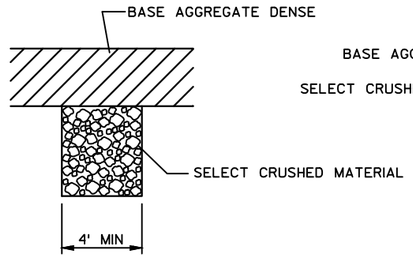
DETAIL FOR EROSION CONTROL AT CULVERT OR STORMSEWER PIPE ENDS

SEE EROSION CONTROL PLAN SHEETS FOR LOCATIONS

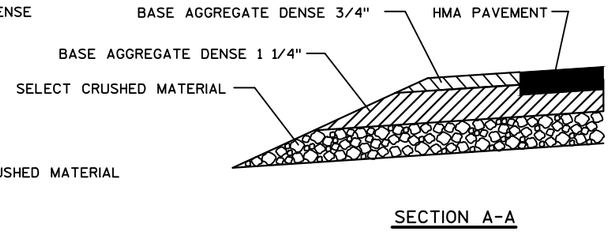


INLET AND OUTLET SECTION A-A

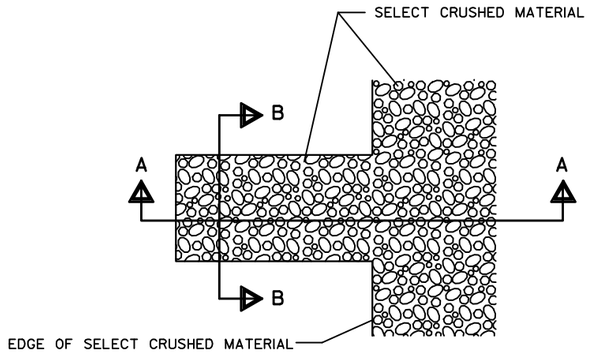
EROSION MAT



SECTION B-B



SECTION A-A



DETAIL FOR FRENCH DRAINS

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

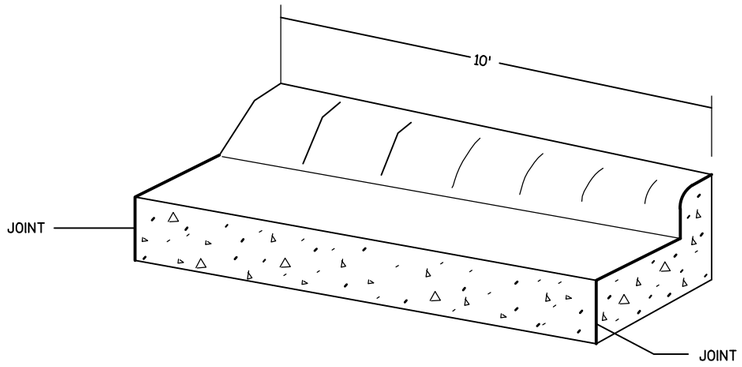
LOCATIONS ARE SHOWN BELOW

SB STH 113	LOCATION
STA. 200+00 "SB"	LEFT
STA. 202+50 "SB"	LEFT
STA. 205+00 "SB"	LEFT
STA. 207+50 "SB"	LEFT
STA. 209+70 "SB"	LEFT
STA. 212+20 "SB"	LEFT

NB STH 113	LOCATION
STA. 200+00 "NB"	LEFT & RIGHT
STA. 202+50 "NB"	LEFT
STA. 205+00 "NB"	LEFT
STA. 207+50 "NB"	LEFT
STA. 208+50 "NB"	LEFT

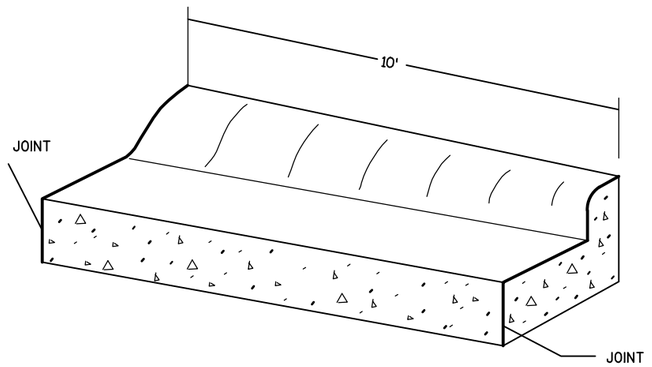
WB STH 19	LOCATION
STA. 100+00 "WB"	LEFT & RIGHT
STA. 102+50 "WB"	LEFT & RIGHT
STA. 105+00 "WB"	LEFT & RIGHT
STA. 107+50 "WB"	LEFT
STA. 110+00 "WB"	LEFT
STA. 112+50 "WB"	LEFT
STA. 114+00 "WB"	LEFT
STA. 126+70 "WB"	LEFT
STA. 129+00 "WB"	LEFT & RIGHT
STA. 131+50 "WB"	LEFT & RIGHT
STA. 134+00 "WB"	LEFT & RIGHT
STA. 136+36 "WB"	LEFT & RIGHT

EB STH 19	LOCATION
STA. 100+00 "EB"	LEFT & RIGHT
STA. 102+50 "EB"	LEFT & RIGHT
STA. 105+00 "EB"	LEFT & RIGHT
STA. 107+50 "EB"	LEFT
STA. 110+00 "EB"	LEFT
STA. 119+00 "EB"	RIGHT
STA. 121+50 "EB"	RIGHT
STA. 122+50 "EB"	RIGHT
STA. 125+00 "EB"	RIGHT
STA. 127+50 "EB"	RIGHT



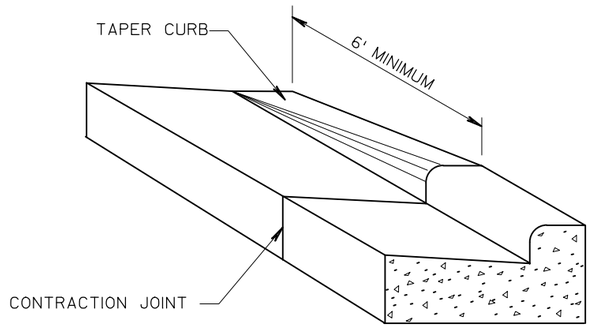
TYPE D TRANSITION DETAIL

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D TO CONCRETE CURB & GUTTER 30-INCH TYPE D (TO BE MEASURED AND PAID FOR AS CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D)



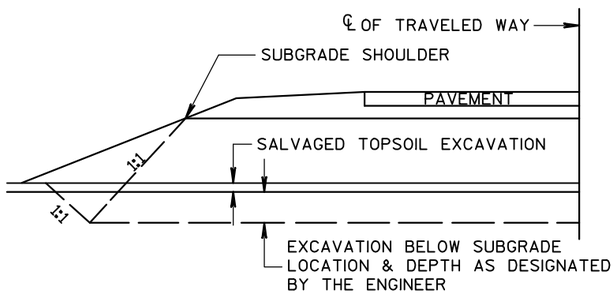
TYPE T TRANSITION DETAIL

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE T TO CONCRETE CURB & GUTTER 30-INCH TYPE D (TO BE MEASURED AND PAID FOR AS CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE T)

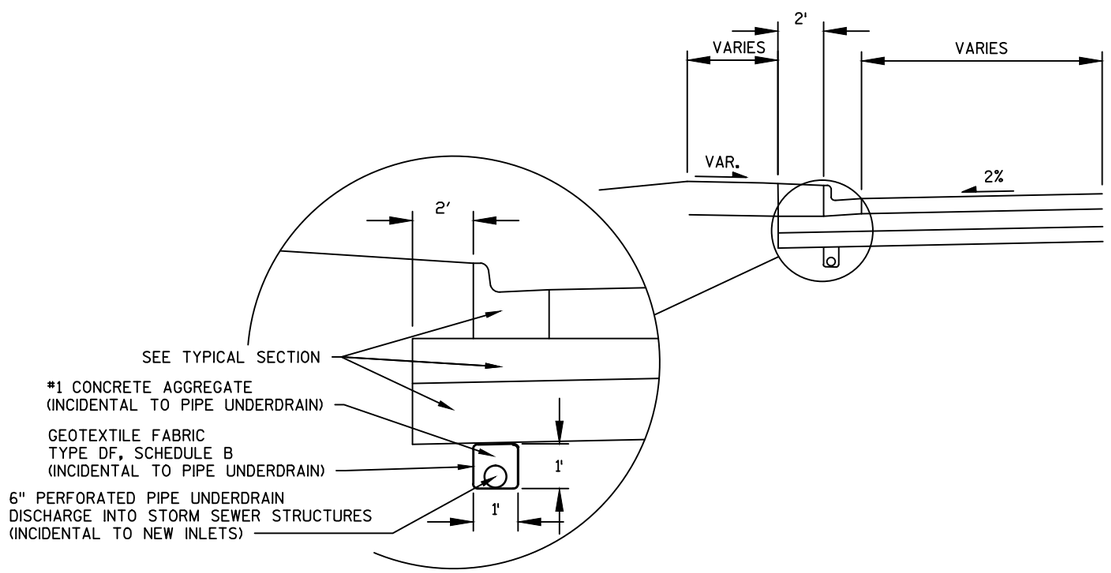


DETAIL OF CURB & GUTTER TERMINI

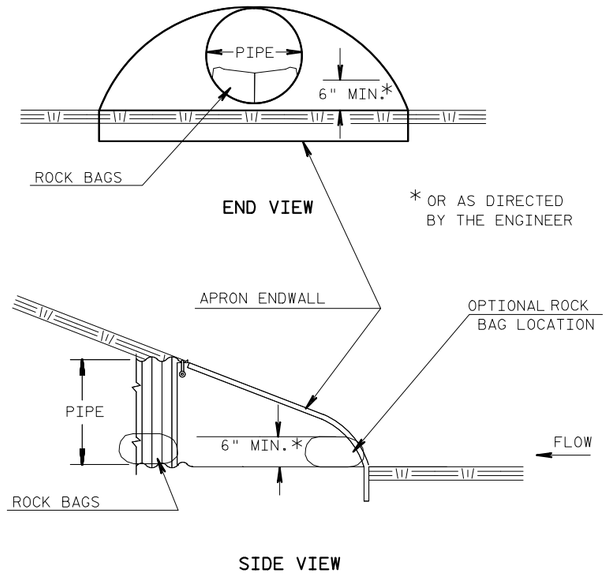
2



DETAIL FOR EXCAVATION BELOW SUBGRADE



6" PERFORATED PIPE UNDERDRAIN (TYP.)



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

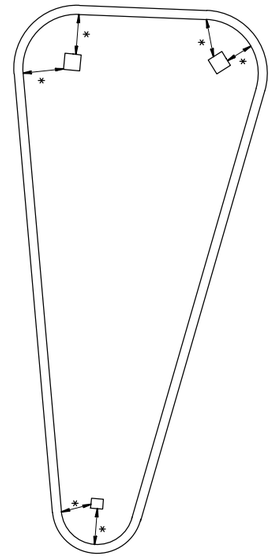
CULVERT PIPE CHECKS

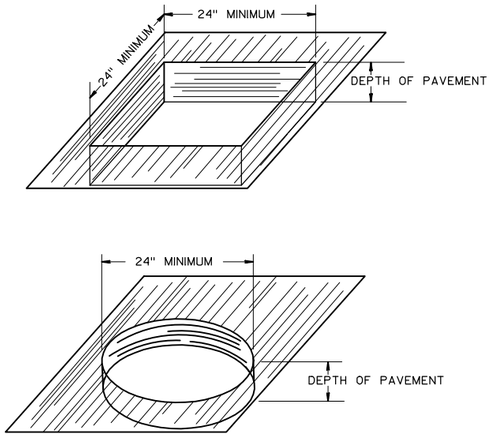
(INSTALL ON INLET END ONLY)

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

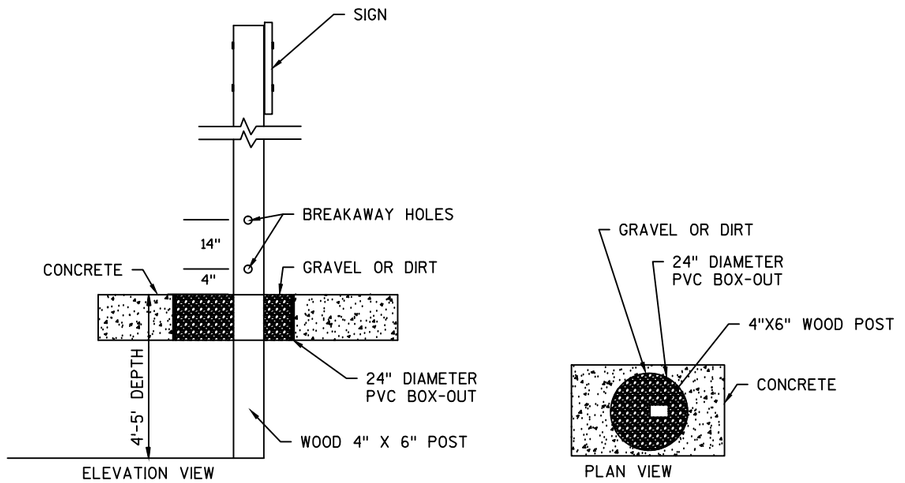
TOTAL PROJECT AREA =32.0 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES =28.0 ACRES





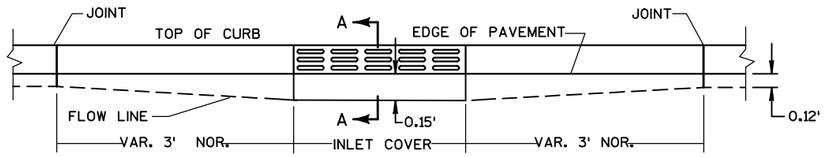
DETAIL OF OPENINGS IN ISLAND FOR SIGN PLACEMENT

* NOTE: ALL OPENINGS IN ISLAND FOR SIGN PLACEMENTS SHALL BE DETERMINED BY POST SIZE. A 2' MINIMUM FROM BACK OF CURB IS REQUIRED.

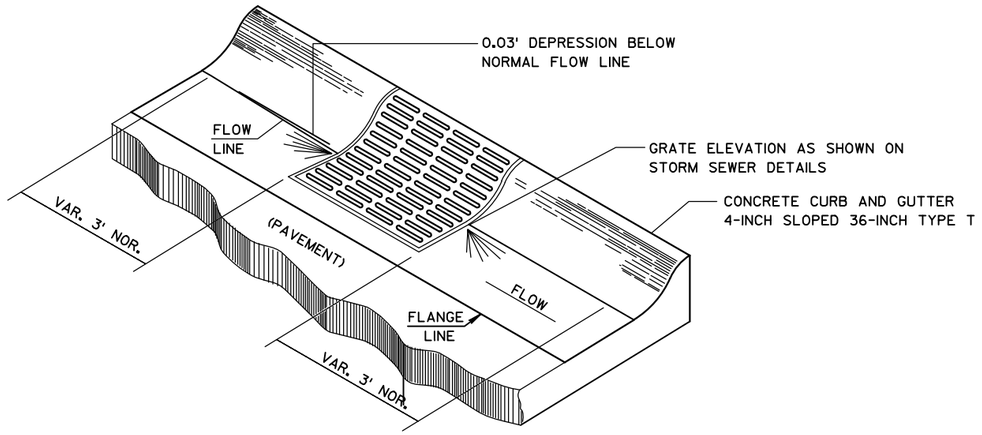


DETAIL OF WOOD 4" X 6" SIGN POST IN BOX-OUT

NOTES: 1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.
2. 24 INCH X 24 INCH SQUARE BOX-OUTS MAY BE USED.

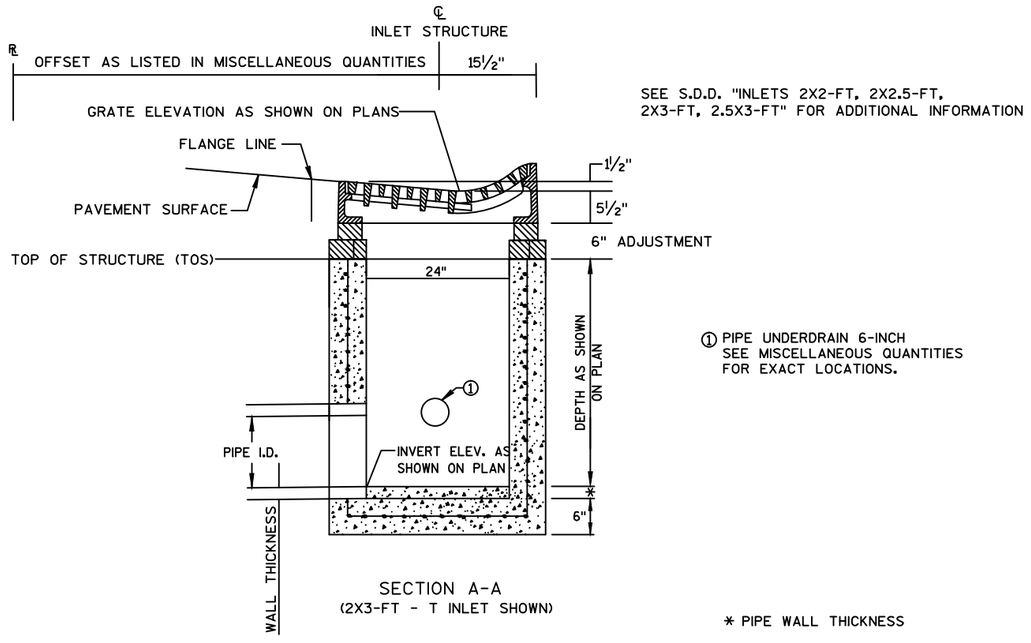


ELEVATION

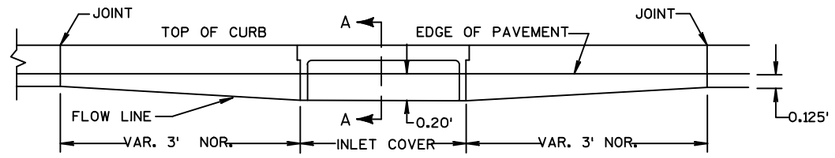


DETAIL OF CURB AND GUTTER AT INLETS

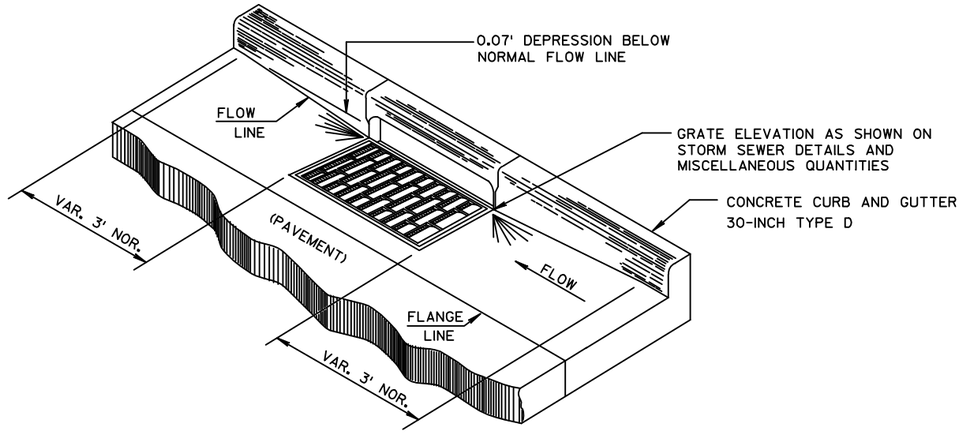
(2x3-FT - T INLET SHOWN)



DETAIL OF CONCRETE CURB AND GUTTER 36-INCH TYPE T AT INLETS

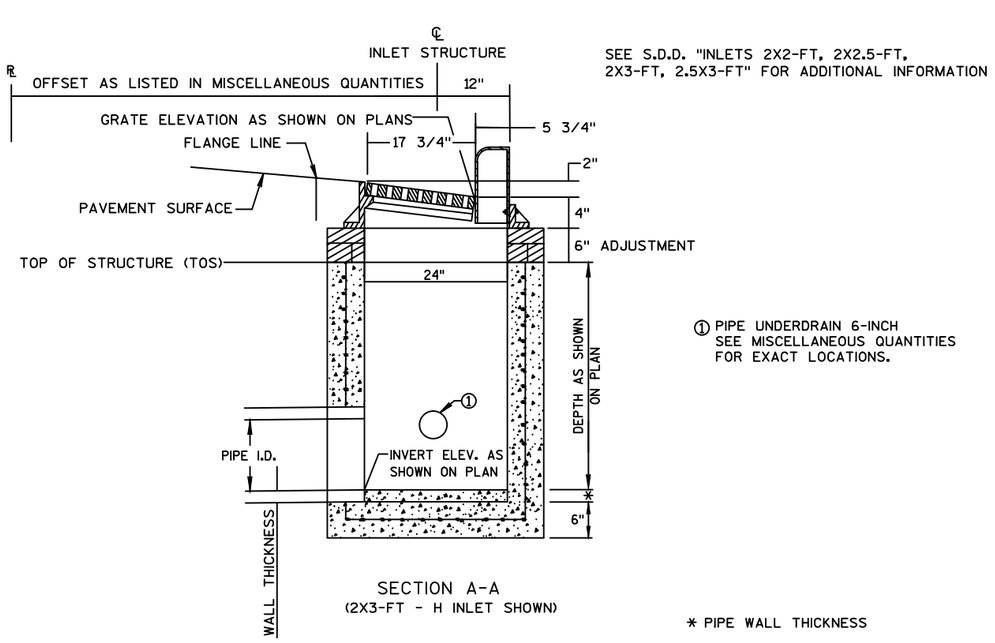


ELEVATION

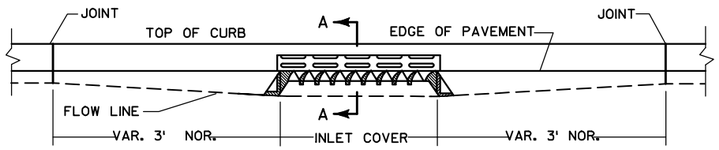


DETAIL OF CURB AND GUTTER AT INLETS

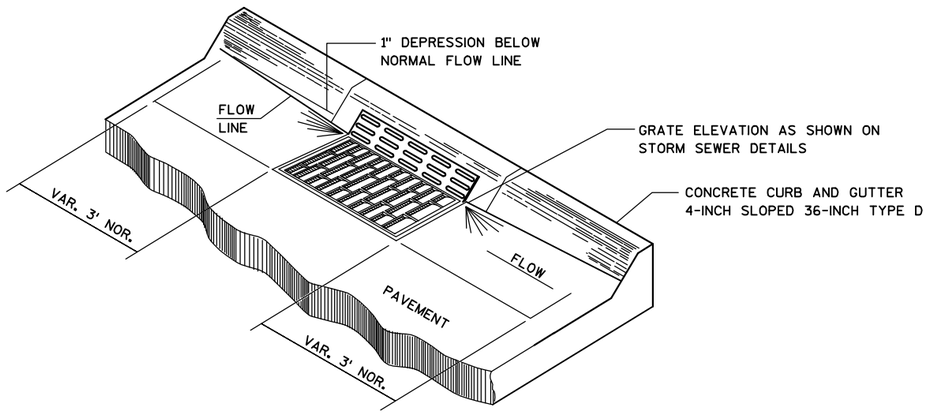
(2x3-FT - H INLET SHOWN)



DETAIL OF CONCRETE CURB AND GUTTER 30-INCH TYPE D AT INLETS

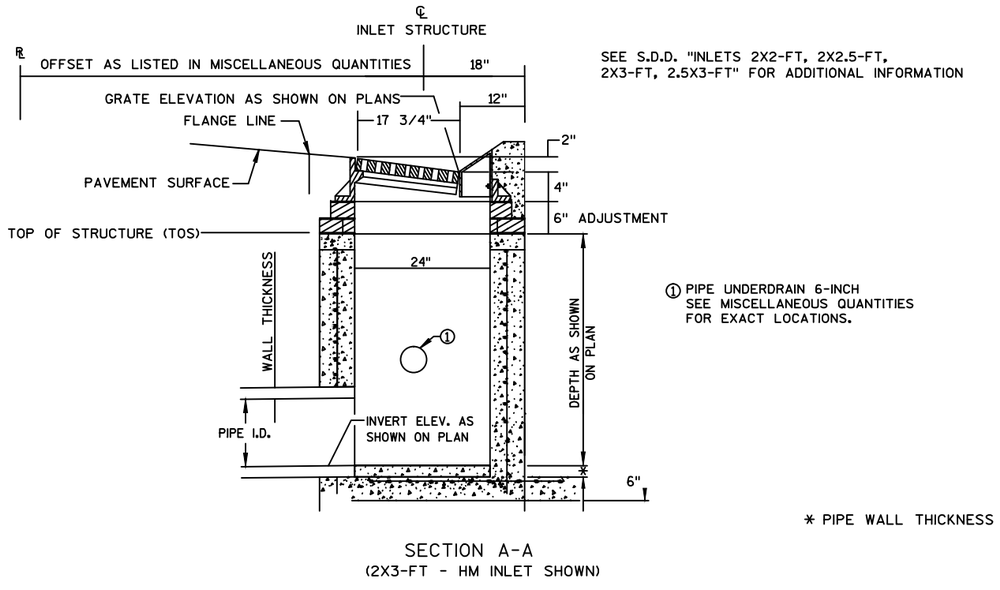


ELEVATION



DETAIL OF CURB AND GUTTER AT INLETS

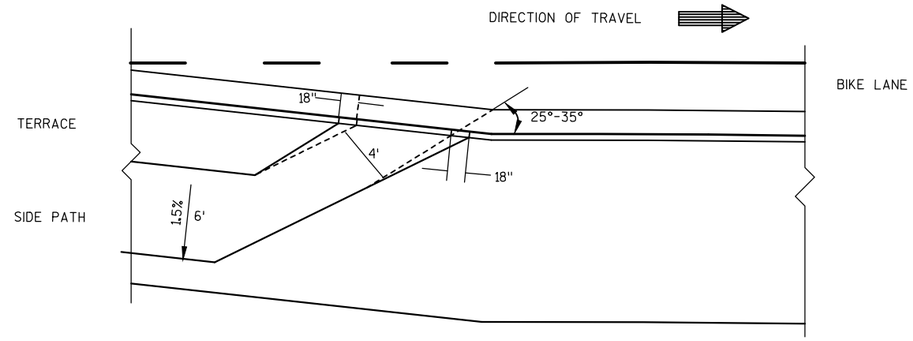
(2x3-FT - HM INLET SHOWN)



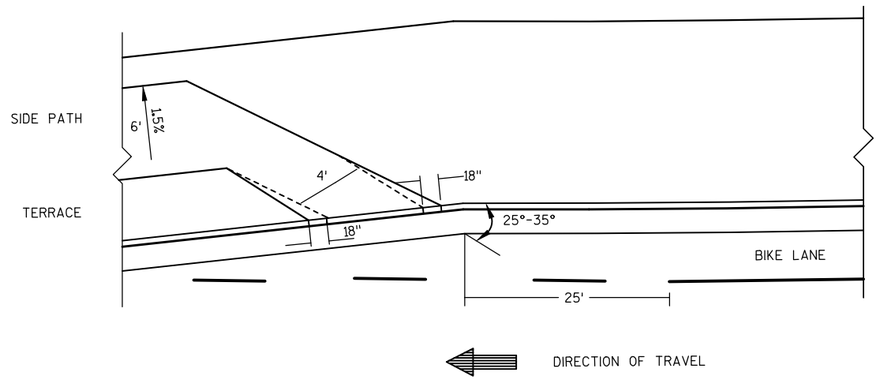
SECTION A-A

(2X3-FT - HM INLET SHOWN)

CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D AT INLETS



BIKE RAMP ENTRANCE



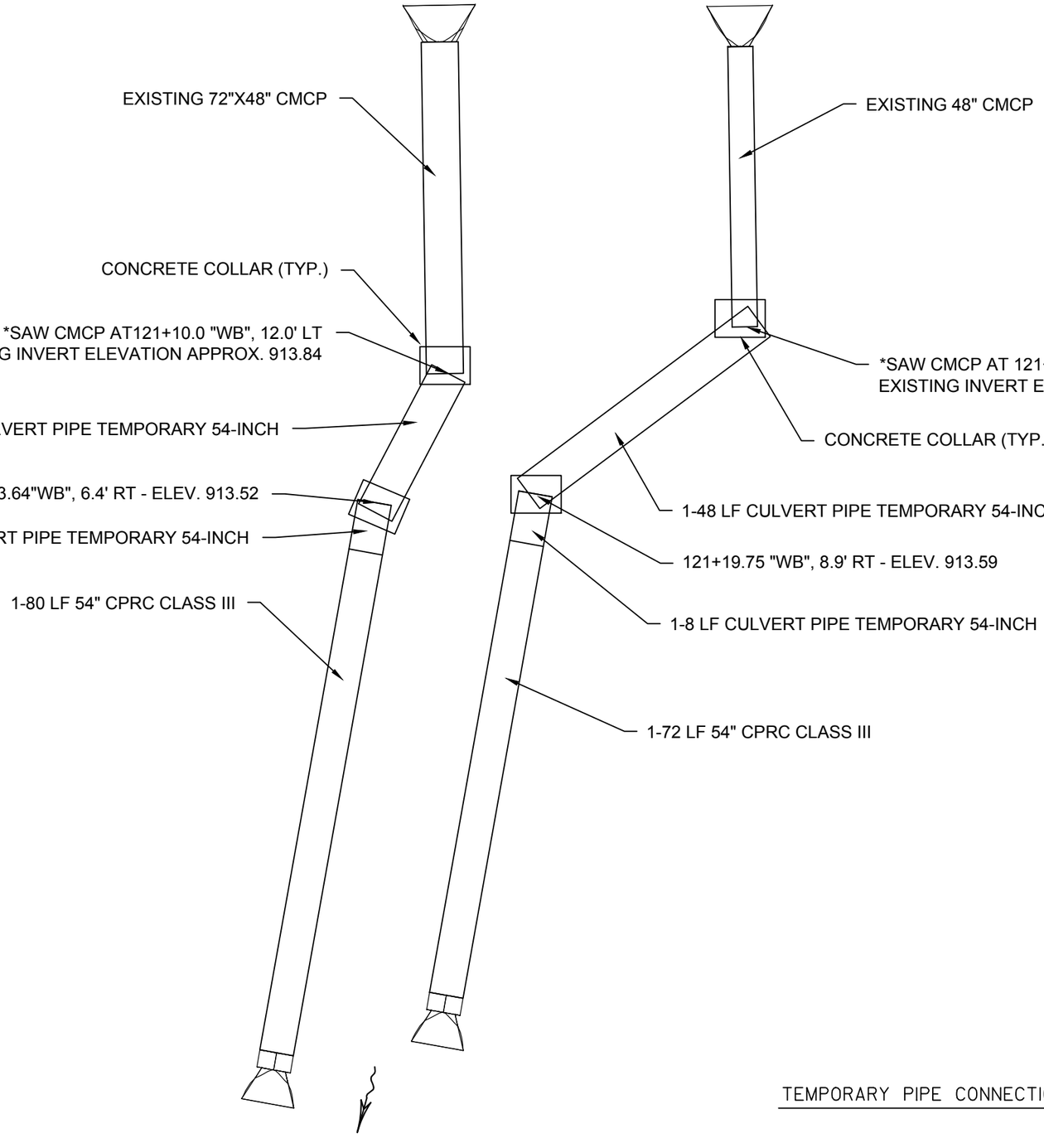
BIKE RAMP EXIT

BIKE RAMP ENTRANCE AND EXIT

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET E

PRE_19

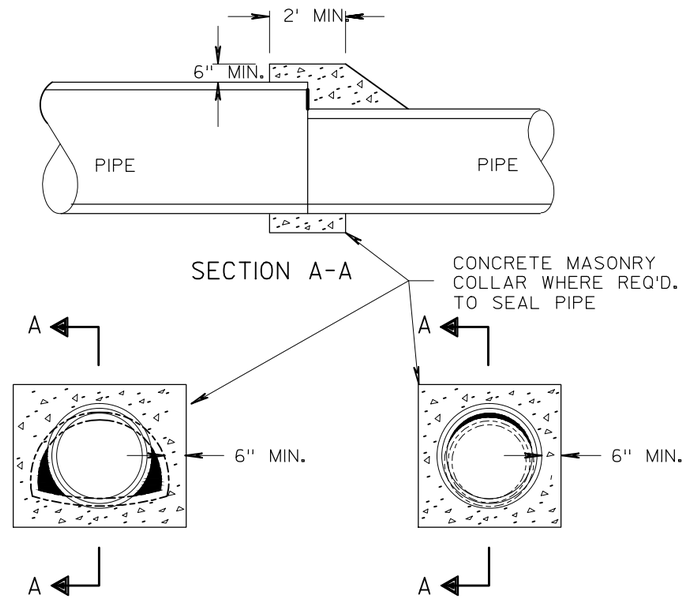
2



TEMPORARY PIPE CONNECTION

NOTES

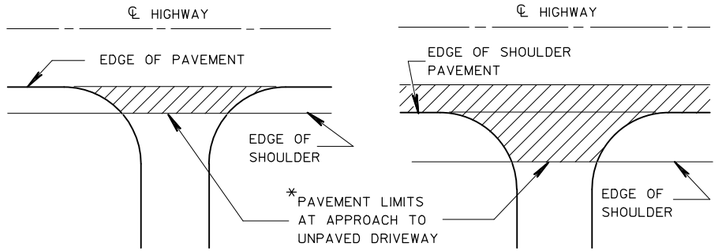
* SAWING OF CMCP INCIDENTAL TO CULVERT PIPE TEMPORARY 54-INCH



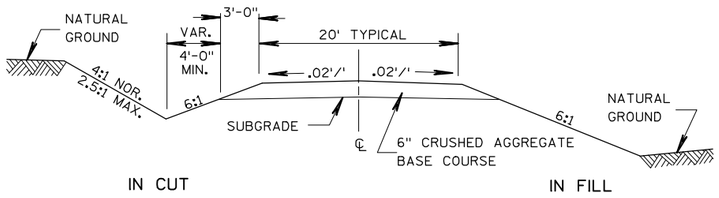
CONCRETE COLLAR DETAIL

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET E

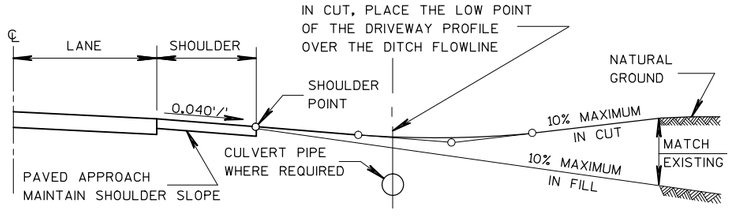
PRE_20



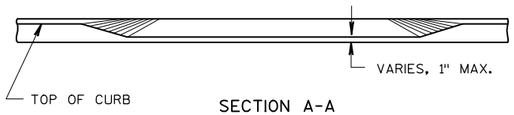
RURAL DRIVEWAY INTERSECTION DETAIL



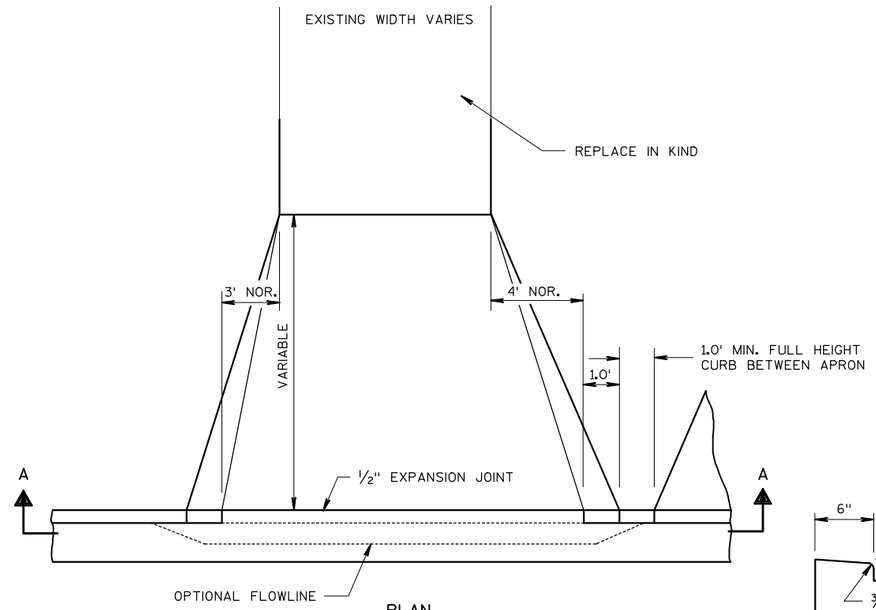
TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE



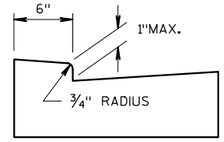
TYPICAL DRIVEWAY PROFILES



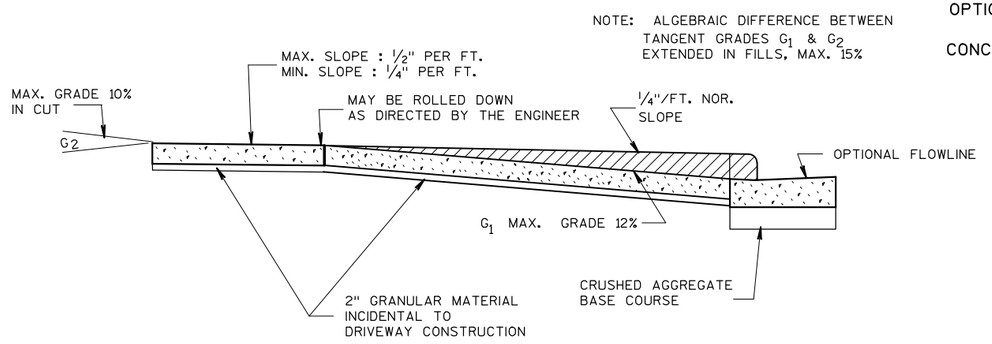
SECTION A-A



PLAN

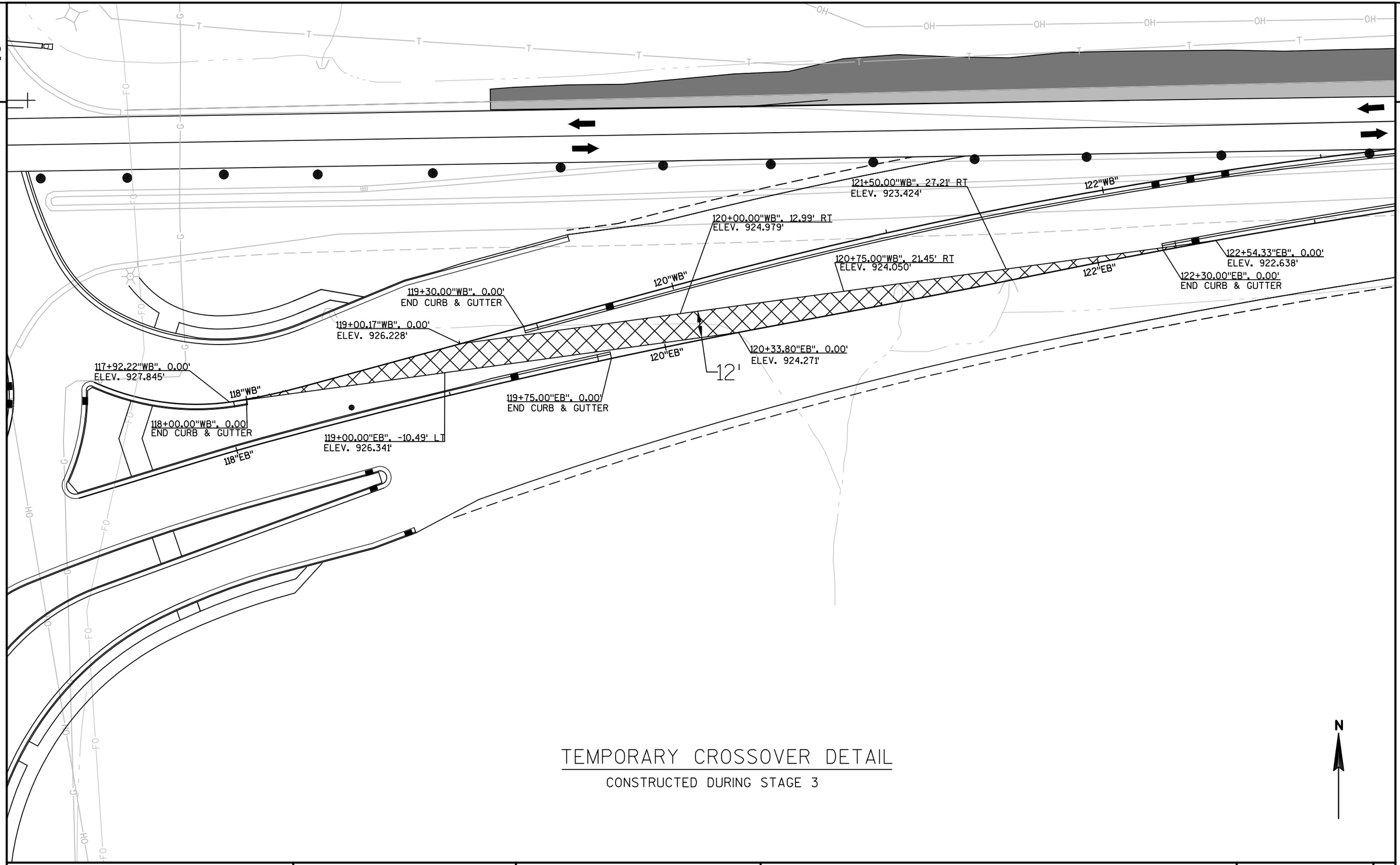


OPTIONAL METHOD FOR CONCRETE GUTTER



PROFILE

URBAN DRIVEWAY DETAIL



TEMPORARY CROSSOVER DETAIL

CONSTRUCTED DURING STAGE 3

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET E

PRE_22

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025003_TC CROSS OVER DETAIL.DWG
LAYOUT NAME - 025003_TC CROSS OVER DETAIL - 021001H_CD
PLOT DATE : 6/27/2016 3:23 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN: 40 FT
WISDOT/CADDS SHEET 42

2

N

SOUTHBOUND
APPROACH

NORTHWEST
PARTIAL BYPASS

NORTHBOUND
EXIT

WESTBOUND
APPROACH

WESTBOUND EXIT

4"NWPB"
218'SB"
218'NB"
2"NWPB"
216'SB"
216'NB"
22'C"
116"EB"
CIRCLE
114"WB"
112"WB"
110"WB"
114"EB"
112"EB"
110"EB"
4"SWFB"
2"SWFB"
6"SWFB"
118"WB"
120"WB"
122"WB"
124"WB"
118"EB"
120"EB"
122"EB"
124"EB"
8"SEFB"
6"SEFB"

EASTBOUND EXIT

4"SEFB"

SOUTHEAST
BYPASS

EASTBOUND
APPROACH

SOUTHWEST
BYPASS

8"SWFB"
212'SB"
212'NB"

NORTHBOUND
APPROACH

SOUTHBOUND EXIT

2"SEFB"
10"SWFB"
210'SB"
210'NB"

2

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	MATCHLINE DETAIL	SHEET E

PRE_23

2

LEGEND

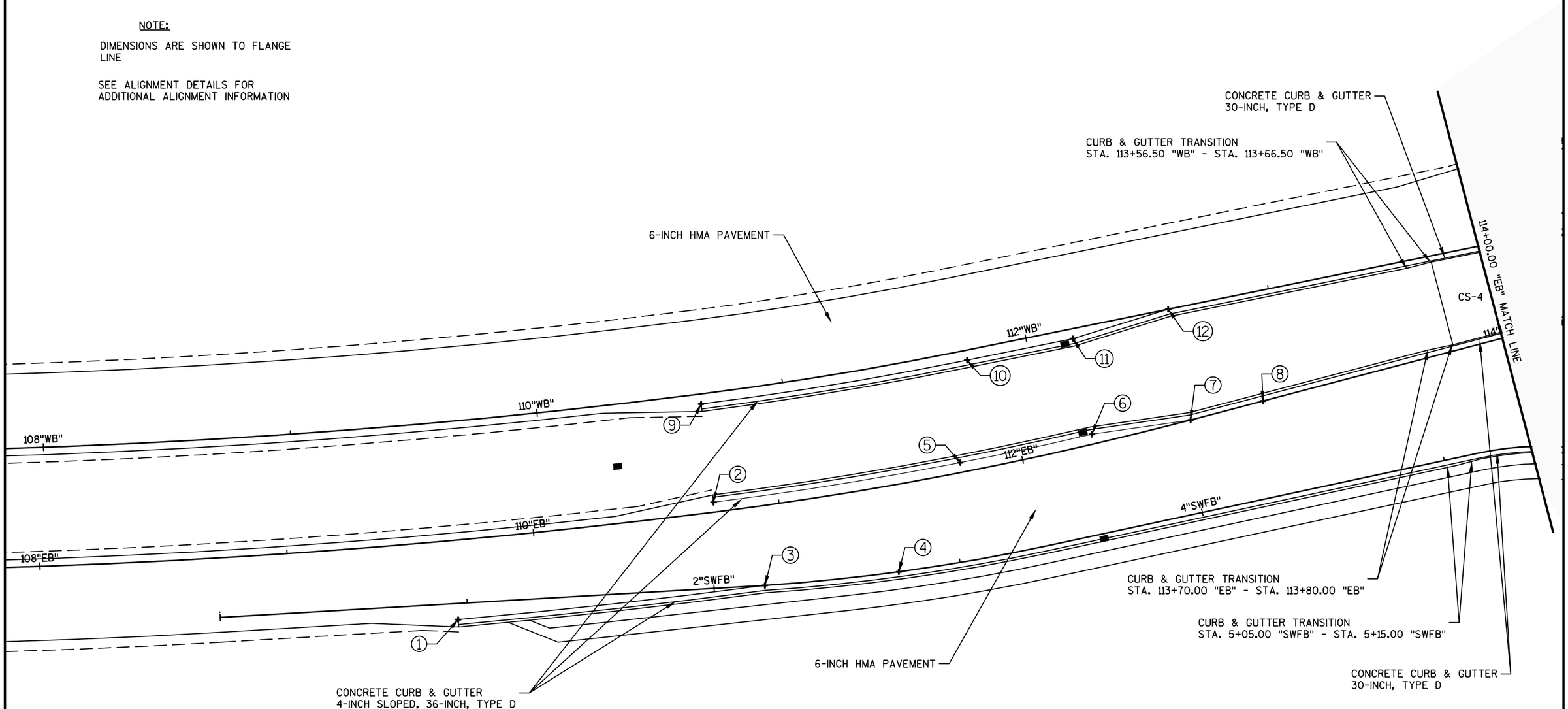
N

- ■ PROPOSED INLET
- ● PROPOSED MANHOLE
- ③ DATA POINT
- CS-4 CONCRETE SIDEWALK 4-INCH
- CR-X CURB RAMP - TYPE
- CRTA CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)

NOTE:

DIMENSIONS ARE SHOWN TO FLANGE LINE

SEE ALIGNMENT DETAILS FOR ADDITIONAL ALIGNMENT INFORMATION



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAIL	SHEET E

PRE_24

2

CONCRETE CURB & GUTTER
30-INCH, TYPE D

CURB & GUTTER TRANSITION
STA. 1+84.90 "NWPB" -
STA. 1+94.90 "NWPB"

216+50.00 "NB" MATCH LINE

CONCRETE CURB & GUTTER
30-INCH, TYPE D

CONCRETE CURB & GUTTER
30-INCH, TYPE D, REVERSE SLOPE

CONCRETE CURB & GUTTER 4-INCH
SLOPED 36-INCH, TYPE T

ASPHALTIC FLUME

CURB & GUTTER TRANSITION
STA. 1+73.80 "NWPB" -
STA. 1+83.80 "NWPB"

CURB & GUTTER TRANSITION
STA. 91+85.00 "NE" - STA. 91+95.00 "NE"

CURB & GUTTER TRANSITION
STA. 119+00.00 "WB" - STA. 119+10.00 "WB"

6-INCH HMA PAVEMENT

CONCRETE CURB & GUTTER
30-INCH, TYPE D

CONCRETE CURB & GUTTER 4-INCH
SLOPED 36-INCH, TYPE T

CONCRETE CURB & GUTTER
30-INCH, TYPE D

120+00.00 "EB" MATCH LINE

114+00.00 "EB" MATCH LINE

CONCRETE CURB & GUTTER 18-INCH
TYPE A REVERSE SLOPE

6-INCH HMA PAVEMENT

CURB & GUTTER TRANSITION
STA. 119+10.00 "EB" - STA. 119+20.00 "EB"

CONCRETE CURB & GUTTER
30-INCH, TYPE D

CONCRETE CURB & GUTTER
30-INCH, TYPE D

213+00.00 "NB" MATCH LINE

LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- (3) DATA POINT
- CS-4 CONCRETE SIDEWALK 4-INCH
- CR-X CURB RAMP - TYPE
- CRTA CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)

NOTE:

DIMENSIONS ARE SHOWN TO FLANGE LINE

SEE ALIGNMENT DETAILS FOR ADDITIONAL ALIGNMENT INFORMATION

N

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAIL	SHEET E

PRE_25

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 021101B_ID
PLOT DATE : 6/27/2016 3:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

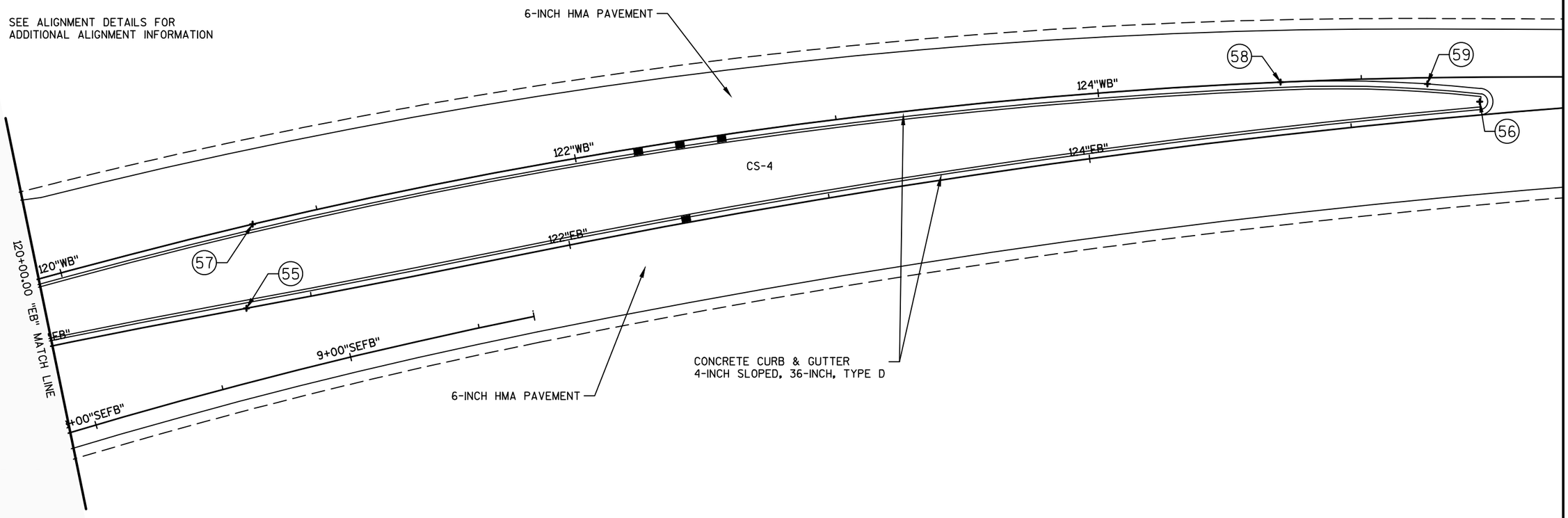
LEGEND

- ■ PROPOSED INLET
- ● PROPOSED MANHOLE
- (3) DATA POINT
- CS-4 CONCRETE SIDEWALK 4-INCH
- CR-X CURB RAMP - TYPE
- CRTA CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)

NOTE:

DIMENSIONS ARE SHOWN TO FLANGE LINE

SEE ALIGNMENT DETAILS FOR ADDITIONAL ALIGNMENT INFORMATION



N

2

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAIL	SHEET E

PRE_26

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 021101C_ID

PLOT DATE : 6/27/2016 3:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

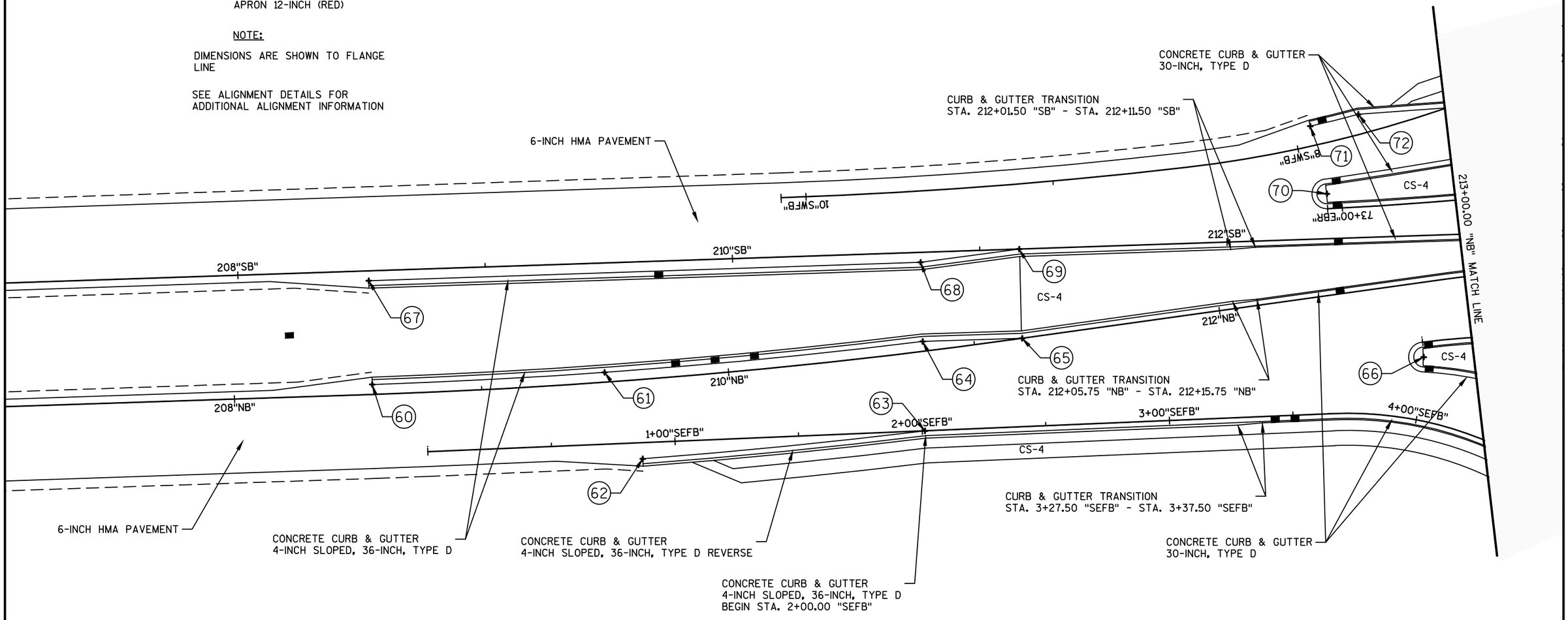
N

- PROPOSED INLET
- PROPOSED MANHOLE
- (3) DATA POINT
- CS-4 CONCRETE SIDEWALK 4-INCH
- CR-X CURB RAMP - TYPE
- CRTA CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)

NOTE:

DIMENSIONS ARE SHOWN TO FLANGE LINE

SEE ALIGNMENT DETAILS FOR ADDITIONAL ALIGNMENT INFORMATION



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAIL	SHEET E

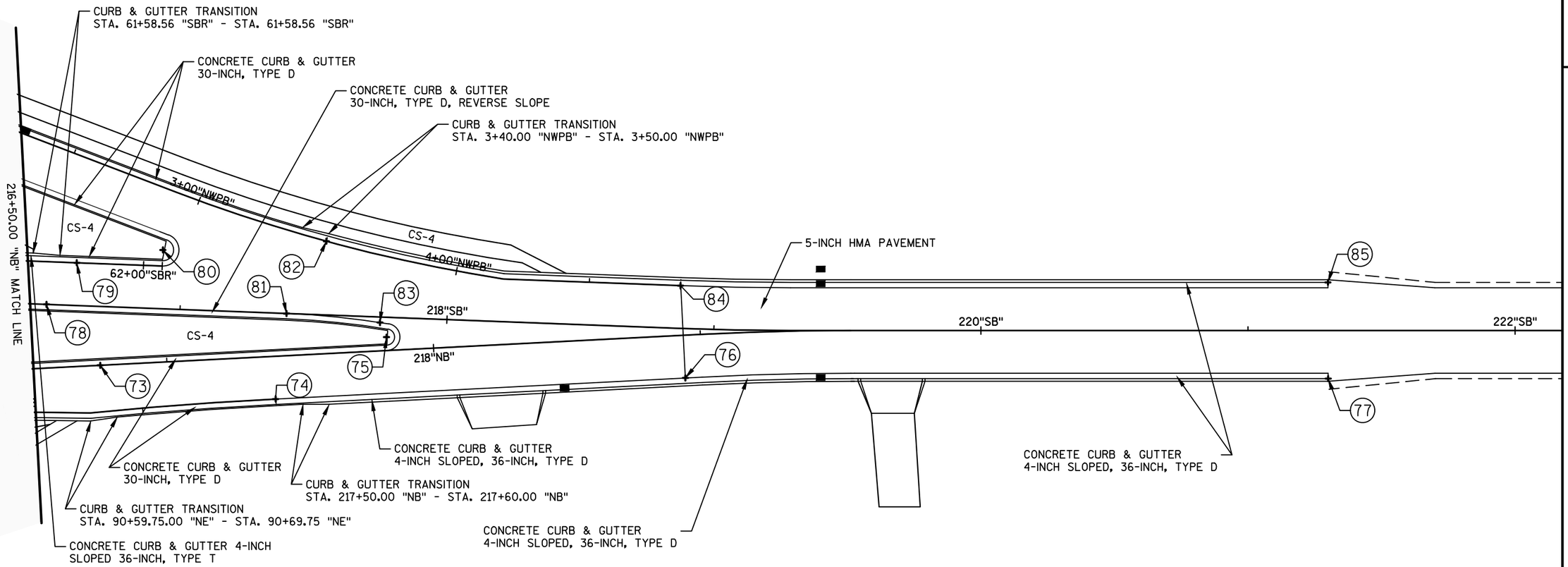
PRE_27

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 021101D_ID

PLOT DATE : 6/27/2016 3:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

■	PROPOSED INLET
●	PROPOSED MANHOLE
(3)	DATA POINT
CS-4	CONCRETE SIDEWALK 4-INCH
CR-X	CURB RAMP - TYPE
CRTA	CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)

NOTE:

DIMENSIONS ARE SHOWN TO FLANGE LINE

SEE ALIGNMENT DETAILS FOR ADDITIONAL ALIGNMENT INFORMATION

N

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAIL	SHEET E

PRE_28

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\021101_ID.DWG
LAYOUT NAME - 021101_ID - 021101E_ID
PLOT DATE : 6/27/2016 3:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

■ PROPOSED INLET

● PROPOSED MANHOLE

③ DATA POINT

CS-4 CONCRETE SIDEWALK 4-INCH

CR-X CURB RAMP - TYPE

CRTA CONCRETE ROUNDABOUT TRUCK APRON 12-INCH (RED)

NOTE:

DIMENSIONS ARE SHOWN TO FLANGE LINE

SEE ALIGNMENT DETAILS FOR ADDITIONAL ALIGNMENT INFORMATION

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
1	0+95.99 "SWFB"	6.50 RT	525357.67	813104.47	
2	110+73.74 "EB"	4.00 LT	525405.05	813207.65	
3	2+20.58 "SWFB"	0.00	525371.44	813228.47	
4	2+75.00 "SWFB"	0.00	525376.96	813282.59	
5	111+75.00 "EB"	4.00 LT	525421.09	813307.35	
6	112+29.59 "EB"	4.00 LT	525432.52	813360.57	
7	112+69.75 "EB"	0.00	525438.29	813400.47	
8	113+00.00 "EB"	0.00	525445.96	813429.73	
9	110+66.27 "WB"	4.00 RT	525444.74	813202.64	
10	111+75.00 "WB"	4.00 RT	525462.45	813310.19	
11	112+18.67 "WB"	4.00 RT	525471.13	813352.98	
12	112+58.67 "WB"	0.00	525483.01	813391.39	
13	5+50.00 "SWFB"	0.00	525427.22	813552.49	
14	114+25.00 "EB"	0.00	525477.67	813550.64	
15	70+00.00 "EBR"	6.00 RT	525451.82	813570.55	6-FT
16	70+50.00 "EBR"	0.00	525463.35	813618.58	
17	115+49.25 "EB"	3.81 LT	525482.52	813672.19	4-FT
18	213+25.00 "SB"	0.00	525339.55	813725.51	
19	213+86.41 "SB"	5.46 RT	525399.16	813723.43	6-FT
20	213+84.67 "NB"	3.87 LT	525394.29	813751.81	4-FT
21	213+25.00 "NB"	0.00	525335.95	813741.96	
22	81+50.00 "NBR"	0.00	525418.08	813830.10	
23	117+22.74 "EB"	5.40 LT	525457.05	813843.81	6-FT
24	5+52.96 "SEFB"	0.00	525405.67	813895.82	
25	6+39.18 "SEFB"	8.00 RT	525430.78	813978.50	
26	6+59.44 "SEFB"	8.00 RT	525437.91	813997.38	
27	118+25.00 "EB"	0.00	525479.52	813941.11	
28	118+59.93 "EB"	28.64 RT	525460.60	813981.98	5-FT
29	114+25.00 "WB"	0.00	525516.09	813554.40	
30	0+84.00 "NWPB"	0.00	525553.06	813615.89	
31	1+17.90 "NWPB"	0.00	525560.52	813648.96	
32	115+52.60 "WB"	5.50 RT	525535.12	813678.30	6-FT
33	1+50.00 "NWPB"	0.00	525576.64	813676.19	
34	0+00.10 "NWPB"	0.00	525544.32	813532.57	
35	0+20.00 "NWPB"	0.00	525548.27	813552.07	

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
36	0+69.55 "NWPB"	13.00 LT	525564.95	813600.51	
37	0+69.55 "NWPB"	107.00 LT	525658.68	813593.48	
38	1+05.70 "NWPB"	16.33 LT	525573.58	813633.41	
39	2+12.52 "NWPB"	126.41 LT	525678.60	813584.13	
40	1+49.15 "NWPB"	21.53 LT	525590.85	813660.00	
41	2+02.17 "NWPB"	107.00 LT	525661.96	813598.52	
42	2+02.17 "NWPB"	13.00 LT	525628.16	813686.23	
43	60+57.63 "SBR"	4.00 LT	525580.18	813703.11	4-FT
44	215+83.77 "SB"	3.84 RT	525592.50	813763.09	
45	216+25.00 "SB"	0.00	525632.58	813770.96	
46	215+81.24 "NB"	5.60 LT	525585.61	813796.95	6-FT
47	216+25.00 "NB"	0.00	525627.65	813797.75	
48	117+28.56 "WB"	3.91 RT	525500.12	813850.75	4-FT
49	92+25.00 "NE"	0.00	525533.41	813860.88	
50	92+27.35 "NE"	21.31 LT	525551.19	813872.80	
51	92+71.96 "NE"	57.00 LT	525578.00	813907.70	
52	92+71.96 "NE"	13.00 LT	525534.03	813906.19	
53	118+75.00 "WB"	0.00	525514.66	813994.06	
54	216+15.55 "SB"	303.19 RT	525567.86	814067.77	
55	120+75.00 "EB"	0.00	525534.03	814185.02	
56	125+49.39 "EB"	5.00 LT	525612.44	814652.96	5-FT
57	120+75.00 "WB"	0.00	525565.94	814187.36	
58	124+69.29 "WB"	0.00	525619.89	814577.36	
59	125+25.00 "WB"	2.37 RT	525619.21	814633.08	500-FT
60	208+55.82 "NB"	4.00 LT	524870.79	813798.73	
61	209+50.00 "NB"	4.00 LT	524964.54	813791.53	
62	0+86.66 "SEFB"	6.52 RT	524980.81	813826.10	
63	2+01.12 "SEFB"	0.00	525094.58	813812.01	
64	210+79.39 "NB"	4.00 LT	525092.75	813775.89	
65	211+19.45 "NB"	0.00	525132.92	813773.65	
66	212+79.17 "NB"	30.01 RT	525295.39	813777.29	6-FT
67	208+52.79 "SB"	4.00 RT	524868.36	813756.80	
68	210+75.93 "SB"	4.00 RT	525091.13	813743.90	
69	211+15.93 "SB"	0.00	525130.84	813737.59	
70	73+05.92 "EBR"	6.00 RT	525254.69	813712.23	6-FT

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
71	7+93.15 "SWFB"	8.00 RT	525247.26	813685.03	
72	7+72.80 "SWFB"	8.00 RT	525266.58	813679.77	
73	216+75.00 "NB"	0.00	525677.57	813794.95	
74	90+00.10 "NE"	0.00	525743.21	813807.78	
75	217+82.61 "NB"	5.00 LT	525784.81	813784.73	5-FT
76	218+93.56 "NB"	16.00 RT	525896.65	813800.33	
77	221+30.00 "SB"	18.00 RT	526137.29	813801.28	
78	216+50.00 "SB"	0.00	525657.56	813772.10	
79	61+75.00 "SBR"	0.00	525668.93	813756.55	
80	216+92.75 "SB"	22.00 LT	525701.17	813751.86	6-FT
81	217+39.89 "SB"	0.00	525747.37	813775.77	
82	3+50.00 "NWPB"	0.00	525762.39	813748.77	
83	217+75.00 "SB"	2.06 RT	525782.37	813779.26	300-FT
84	4+84.15 "NWPB"	0.00	525894.92	813765.79	
85	221+29.90 "SB"	18.00 LT	526137.30	813765.28	
86	20+00.10 "C"	0.00	525435.01	813784.68	
87	20+34.39 "C"	0.00	525462.91	813804.61	
88	22+36.53 "C"	0.00	525520.75	813700.35	
89	23+84.61 "C"	0.00	525431.09	813779.09	
90	23+84.61 "C"	10.00 LT	525440.74	813776.49	10-FT
91	20+08.77 "C"	21.50 LT	525454.56	813772.22	
92	20+34.39 "C"	21.50 LT	525475.41	813787.11	
93	21+70.26 "C"	21.50 LT	525536.18	813752.95	
94	21+97.17 "C"	25.01 LT	525528.11	813738.33	
95	22+76.57 "C"	24.16 LT	525486.49	813720.37	
96	22+97.03 "C"	41.50 LT	525482.94	813740.05	20-FT
97	22+97.03 "C"	21.50 LT	525473.05	813722.67	
98	23+71.47 "C"	21.50 LT	525450.39	813764.74	
99	23+71.47 "C"	31.50 LT	525460.37	813764.08	10-FT
100	20+45.66 "C"	9.38 RT	525468.72	813818.78	100-FT
101	20+48.03 "C"	53.50 LT	525495.30	813761.78	
102	22+36.53 "C"	60.00 LT	525497.78	813755.78	
103	21+70.26 "C"	41.50 LT	525516.23	813754.42	20-FT

2

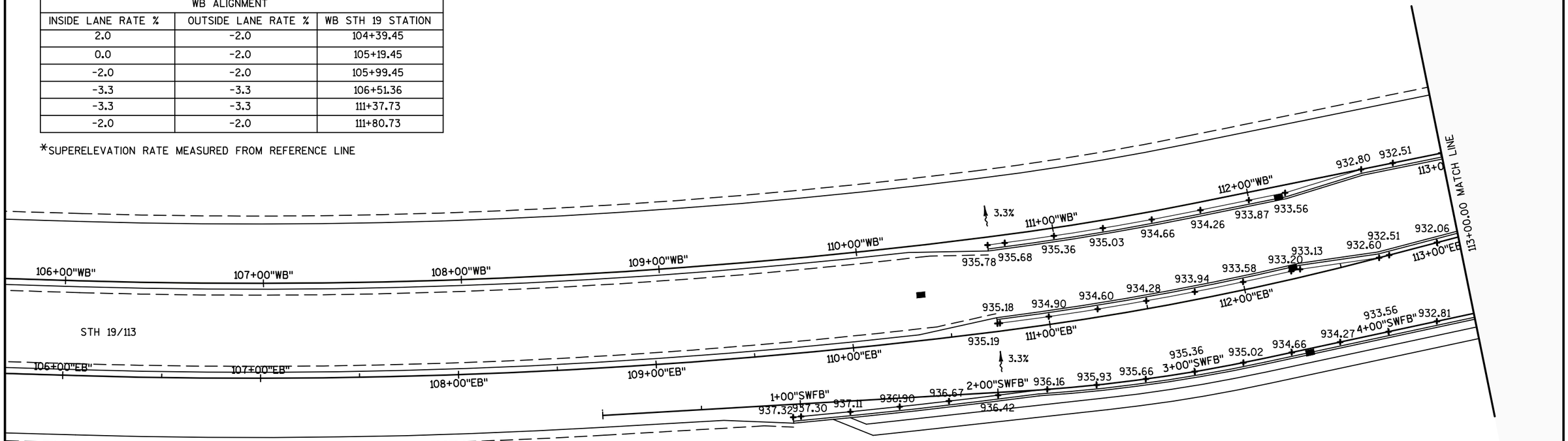
LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE

N

SUPERELEVATION TABLE WB ALIGNMENT		
INSIDE LANE RATE %	OUTSIDE LANE RATE %	WB STH 19 STATION
2.0	-2.0	104+39.45
0.0	-2.0	105+19.45
-2.0	-2.0	105+99.45
-3.3	-3.3	106+51.36
-3.3	-3.3	111+37.73
-2.0	-2.0	111+80.73

*SUPERELEVATION RATE MEASURED FROM REFERENCE LINE



SUPERELEVATION TABLE EB ALIGNMENT			
INSIDE LANE RATE %	OUTSIDE LANE RATE %	BYPASS LANE RATE %	EB STH 19 STATION
2.0	-2.0	N/A	104+39.45
2.0	0.0	N/A	105+19.45
2.0	2.0	N/A	105+99.45
3.3	3.3	N/A	106+51.36
3.3	3.3	3.3	112+39.08
2.0	2.0	2.0	112+75.08
0.0	0.0	0.0	113+31.08
-2.0	-2.0	-2.0	113+87.08

*SUPERELEVATION RATE MEASURED FROM REFERENCE LINE

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PAVING DETAIL	SHEET E

PRE_30

2

N

LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE

217+00.00 MATCH LINE

CTH I

STH 19

STH 19/113

STH 113

113+00.00 MATCH LINE

120+00.00 MATCH LINE

212+30.00 MATCH LINE

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PAVING DETAIL	SHEET E

PRE_31

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_PD - 021201B_PD

PLOT DATE : 6/27/2016 3:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

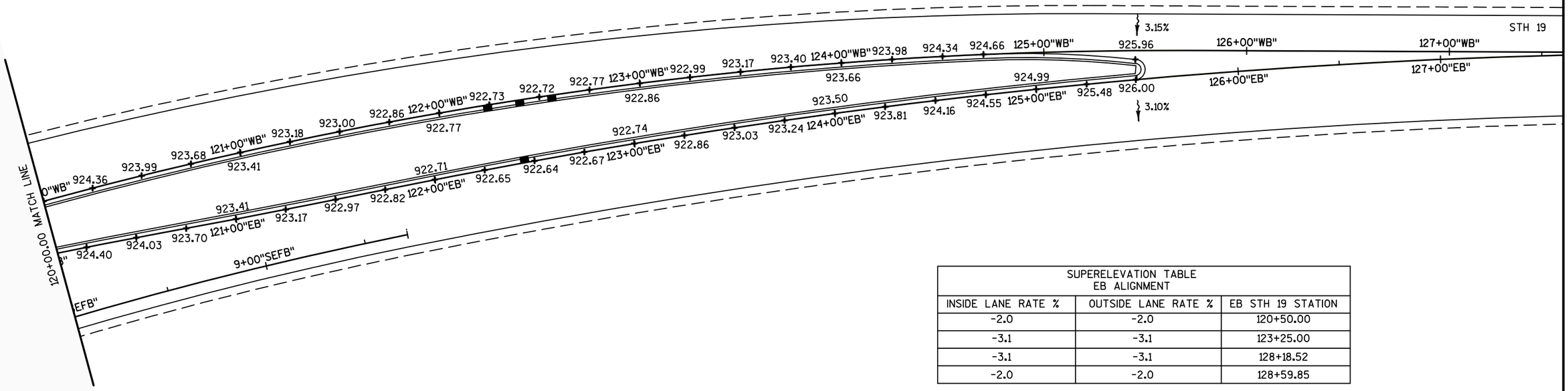
N

LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE

SUPERELEVATION TABLE WB ALIGNMENT		
INSIDE LANE RATE %	OUTSIDE LANE RATE %	WB STH 19 STATION
-2.0	-2.0	118+87.52
0.0	0.0	119+49.52
2.0	2.0	120+11.52
2.6	2.6	120+30.52
3.8	N/A	123+30.52
3.8	N/A	125+19.14
2.0	N/A	125+91.14
0.0	N/A	126+71.14
-2.0	N/A	127+51.14

*SUPERELEVATION RATE MEASURED FROM REFERENCE LINE



SUPERELEVATION TABLE EB ALIGNMENT		
INSIDE LANE RATE %	OUTSIDE LANE RATE %	EB STH 19 STATION
-2.0	-2.0	120+50.00
-3.1	-3.1	123+25.00
-3.1	-3.1	128+18.52
-2.0	-2.0	128+59.85

*SUPERELEVATION RATE MEASURED FROM REFERENCE LINE

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PAVING DETAIL	SHEET E

PRE_32

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_PD - 021201C_PD
PLOT DATE : 6/27/2016 3:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

N

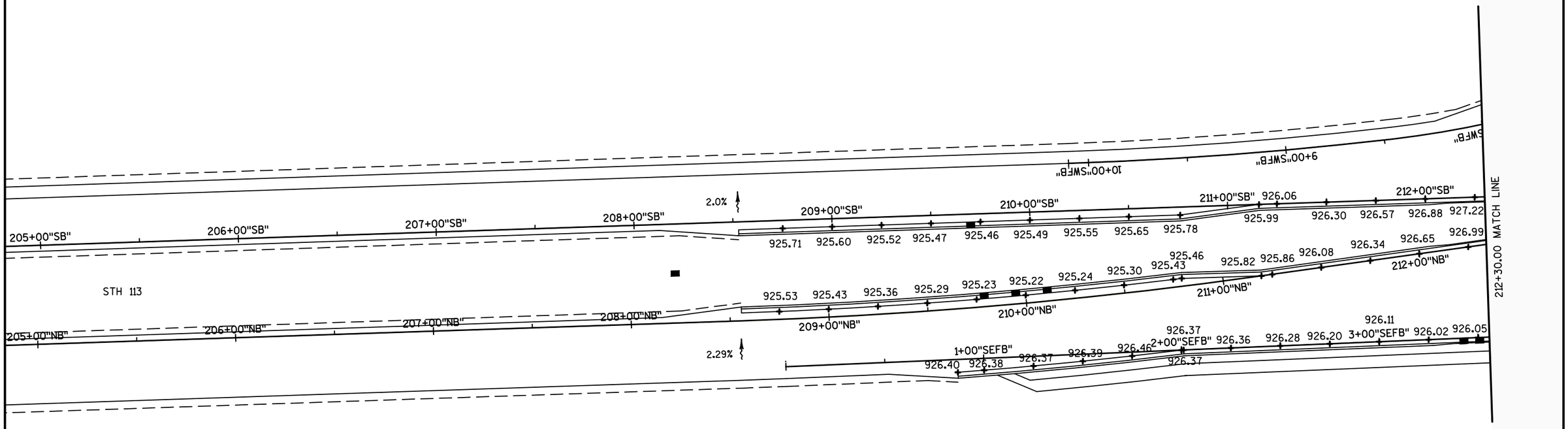
LEGEND

■ PROPOSED INLET

● PROPOSED MANHOLE

SUPERELEVATION TABLE SB ALIGNMENT		
INSIDE LANE RATE %	OUTSIDE LANE RATE %	WB STH 19 STATION
-1.6	0.0	200+00.00
-2.0	-2.0	201+01.02
-2.5	-2.5	201+26.28
-2.5	-2.5	203+83.13
-2.0	-2.0	204+03.13

*SUPERELEVATION RATE MEASURED FROM REFERENCE LINE



SUPERELEVATION TABLE NB ALIGNMENT			
INSIDE LANE RATE %	OUTSIDE LANE RATE %	BYPASS LANE RATE %	EB STH 19 STATION
2.0	-2.0	N/A	200+06.79
2.0	0.0	N/A	200+86.79
2.0	2.0	N/A	201+66.79
2.6	2.6	N/A	201+90.79
2.6	2.6	N/A	204+34.98
2.0	2.0	N/A	204+58.98
2.0	2.0	N/A	208+50.82
3.2	3.2	N/A	208+96.82
3.2	3.2	N/A	210+50.00
2.0	2.0	2.0	211+00.17
0.0	0.0	0.0	211+58.17
-2.0	-2.0	-2.0	212+16.17

*SUPERELEVATION RATE MEASURED FROM REFERENCE LINE

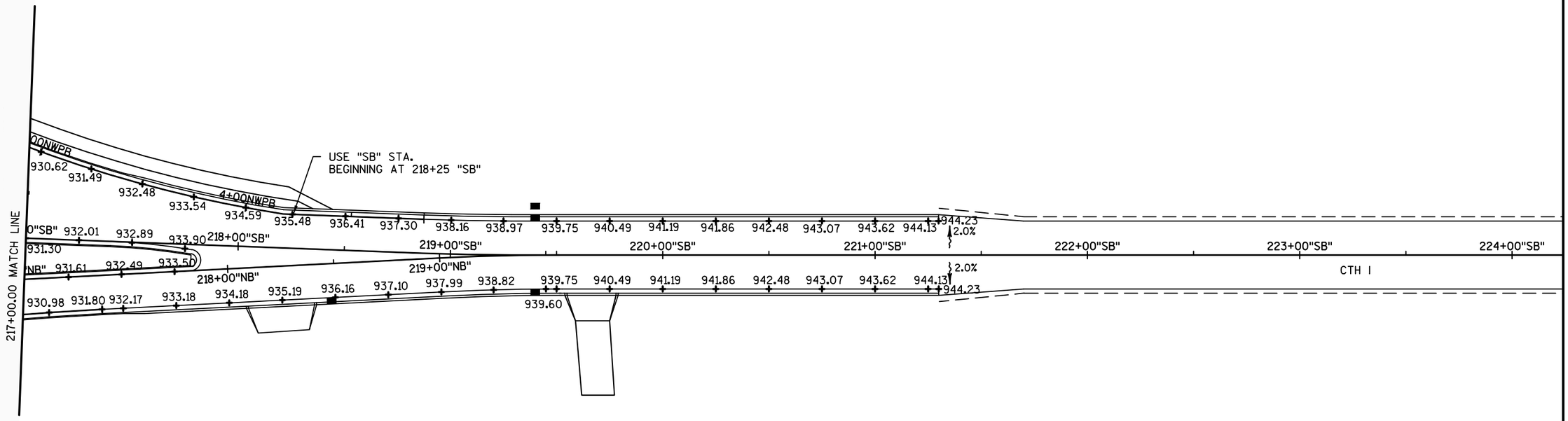
2

N

LEGEND

PROPOSED INLET

PROPOSED MANHOLE



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PAVING DETAIL	SHEET E

PRE_34

2

N

LEGEND

- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B INSTALLED IN PREVIOUS STAGE
- SILT FENCE
- SILT FENCE INSTALLED IN PREVIOUS STAGE
- EROSION BALE, BARRIER
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW

STH 19/113

CTH I

EXISTING R/W (TYP.)

WORK ZONE (TYP.)

702"TWWB" 704"TWWB" 706"TWWB" 708"TWWB" 710"TWWB" 712"TWWB" 714"TWWB"

702"TWEB"

712"TWSB" 710"TWSB" 708"TWSB"

2

CTH I

N

TLE (TYP.)

SLOPE INTERCEPT (TYP.)

714"TWWB" 716"TWWB" 718"TWWB" 720"TWWB" 722"TWWB" 724"TWWB" 726"TWWB" 728"TWWB"

STH 19

STH 113

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

PROJECT NO: 5290-02-70	HWY: 19	COUNTY: DANE	EROSION CONTROL - STAGE 1	SHEET E

PRE_35

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022001_EC - EC_025001A

PLOT DATE : 6/27/2016 3:25 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

LEGEND

- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B INSTALLED IN PREVIOUS STAGE
- SILT FENCE
- SILT FENCE INSTALLED IN PREVIOUS STAGE
- EROSION BALE, BARRIER
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW

WORK ZONE (TYP.)

TLE (TYP.)

728"TWWB"

730"TWWB"

732"TWWB"

734"TWWB"

736"TWWB"

738"TWWB"

740"TWWB"

STH 19

EXISTING R/W (TYP.)

708"TWWB"

706"TWWB"

702"TWEB"

708"TWSB"

706"TWSB"

704"TWSB"

702"TWSB"

STH 113

SLOPE INTERCEPT (TYP.)

EXISTING R/W (TYP.)

N

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 1	SHEET E

PRE_36

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022001_EC - EC_025001B

PLOT DATE : 6/27/2016 3:25 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

WORK COMPLETED IN PREVIOUS STAGES (TYP.)

EXTEND CULVERT PIPE 12' WITH 24" TEMPORARY CULVERT PIPE

STH 19/113

STH 113

24" TEMPORARY CULVERT PIPE

806"TR113"

WORK ZONE (TYP.)

804"TR113"

SLOPE INTERCEPT (TYP.)

EXISTING R/W (TYP.)

802"TR113"

LEGEND

- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B INSTALLED IN PREVIOUS STAGE
- SILT FENCE
- SILT FENCE INSTALLED IN PREVIOUS STAGE
- EROSION BALE, BARRIER
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW

N

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 2	SHEET E

PRE_37

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022002_EC.DWG
LAYOUT NAME - 022002_EC - EC_025002

PLOT DATE : 6/27/2016 3:26 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

CTH I

STH 19

DRAIN TOWARDS INLET

WORK COMPLETED IN PREVIOUS STAGES (TYP.)

STH 19/113

106"WB"

108"WB"

110"WB"

106"EB"

108"EB"

110"EB"

112"WB"

114"WB"

112"EB"

114"EB"

116"WB"

116"EB"

120"WB"

120"EB"

216"SB"

216"NB"

SLOPE INTERCEPT (TYP.)

WORK ZONE (TYP.)

PROPOSED R/W (TYP.)

EXISTING R/W (TYP.)

STH 113

210"SB"

210"NB"

208"SB"

208"NB"

N

LEGEND

- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B INSTALLED IN PREVIOUS STAGE
- SILT FENCE
- SILT FENCE INSTALLED IN PREVIOUS STAGE
- EROSION BALE, BARRIER
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW

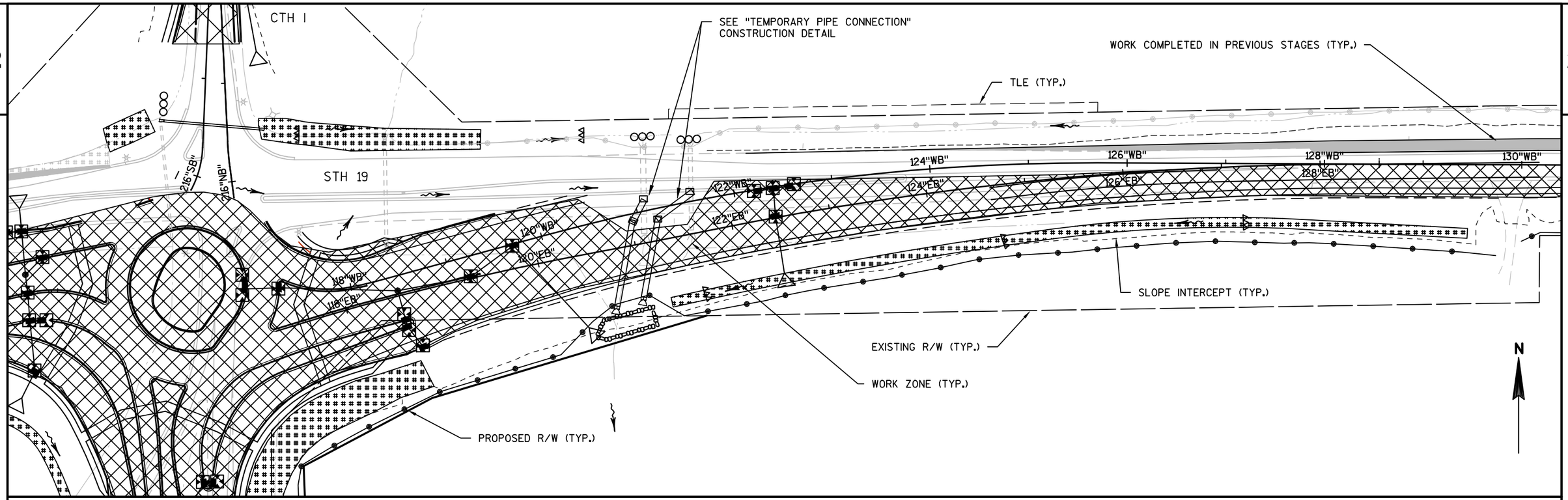
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 3	SHEET E

PRE_38

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022003_EC.DWG
LAYOUT NAME - 022003_EC - EC_022003A

PLOT DATE : 6/27/2016 3:27 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



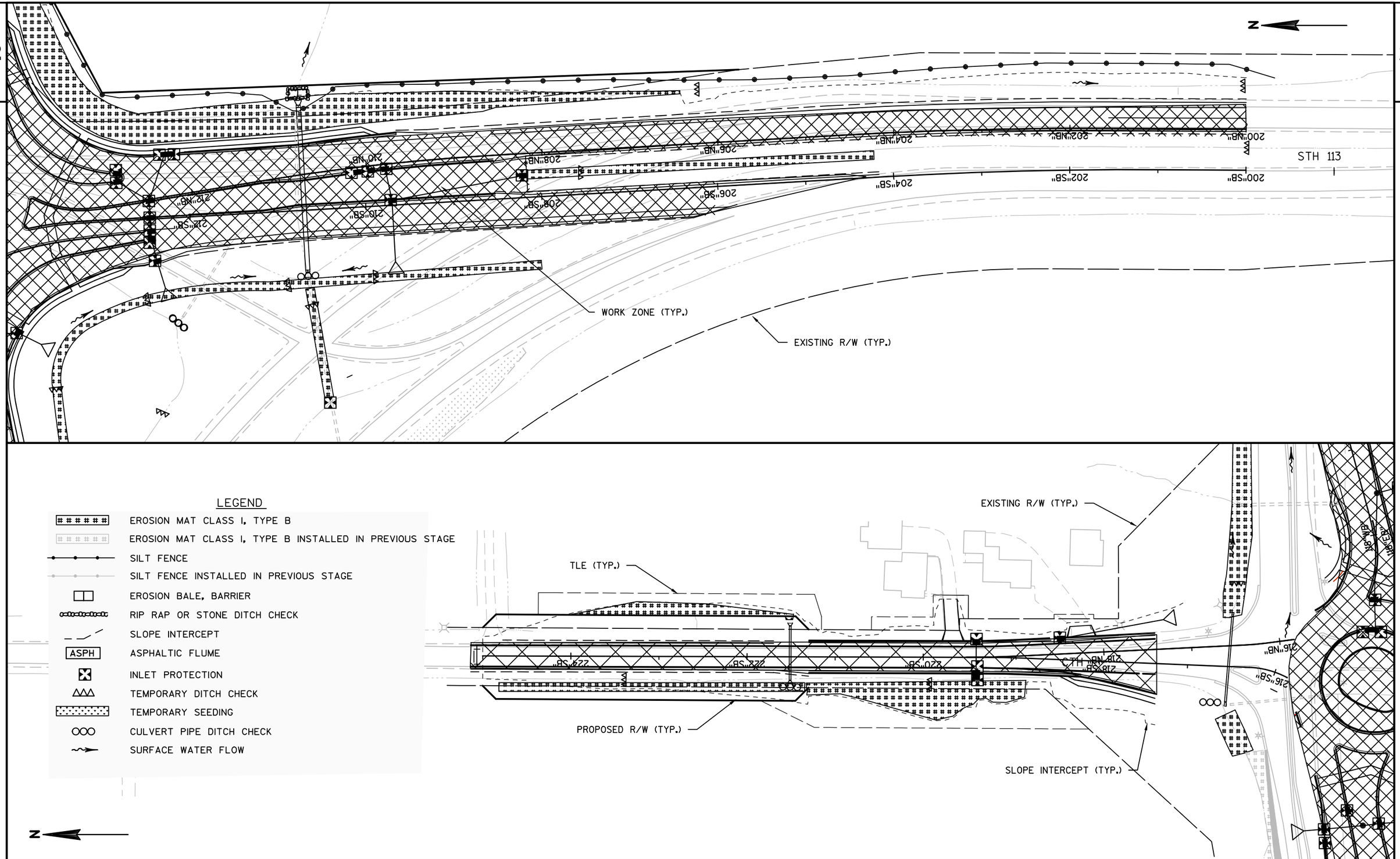
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 3	SHEET E

PRE_39

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022003_EC.DWG
LAYOUT NAME - 022003_EC - EC_022003B

PLOT DATE : 6/27/2016 3:27 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

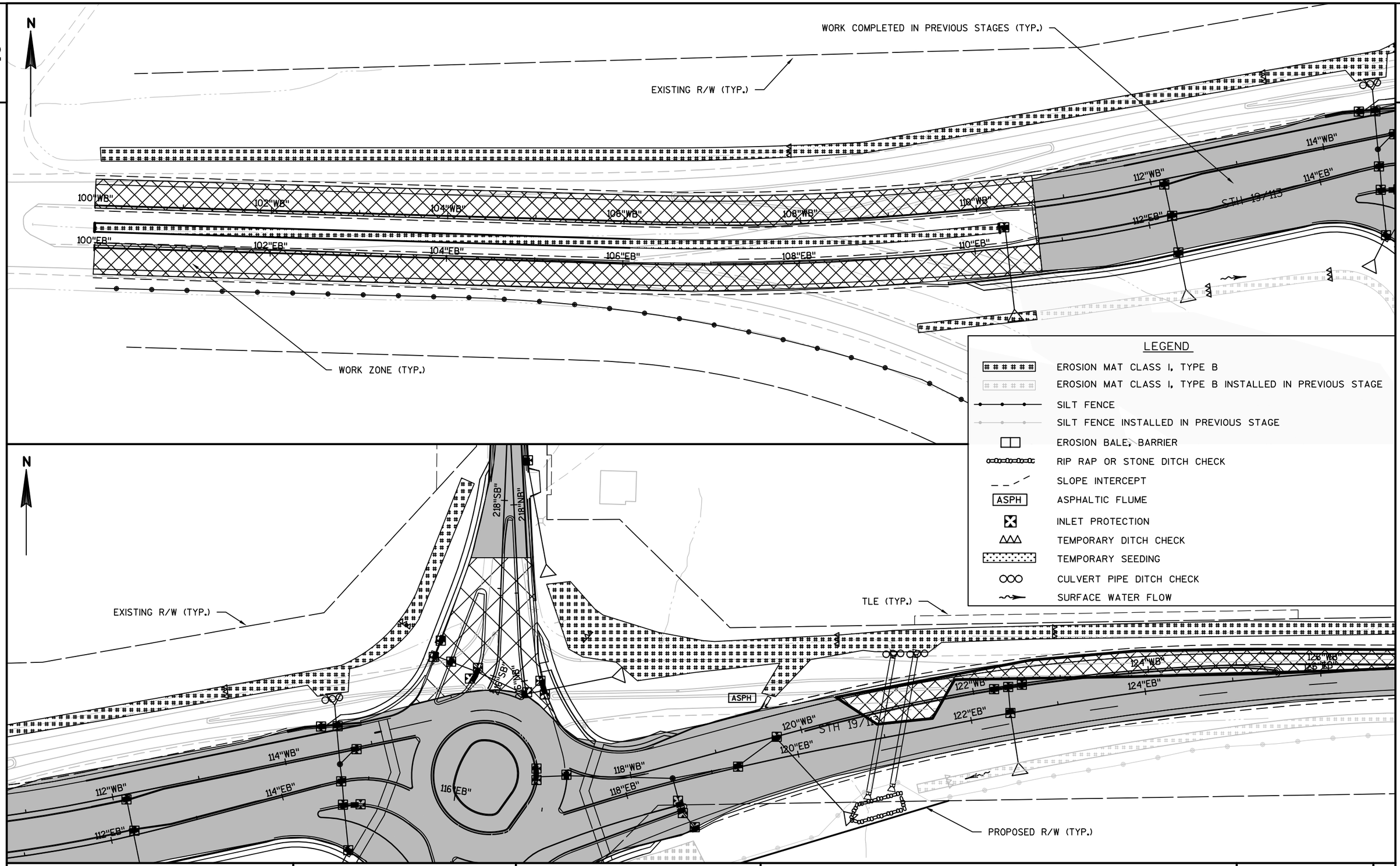
WISDOT/CADDS SHEET 44



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 3	SHEET E

PRE_40

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022003_EC.DWG
LAYOUT NAME - 022003_EC - EC_022003C
PLOT DATE : 6/27/2016 3:27 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 44



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 4	SHEET E

PRE_41

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022004_EC.DWG
LAYOUT NAME - 022004_EC - EC_022004A

PLOT DATE : 6/27/2016 3:28 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

LEGEND

EROSION MAT CLASS I, TYPE B

EROSION MAT CLASS I, TYPE B INSTALLED IN PREVIOUS STAGE

SILT FENCE

SILT FENCE INSTALLED IN PREVIOUS STAGE

EROSION BALE, BARRIER

RIP RAP OR STONE DITCH CHECK

SLOPE INTERCEPT

ASPH — ASPHALTIC FLUME

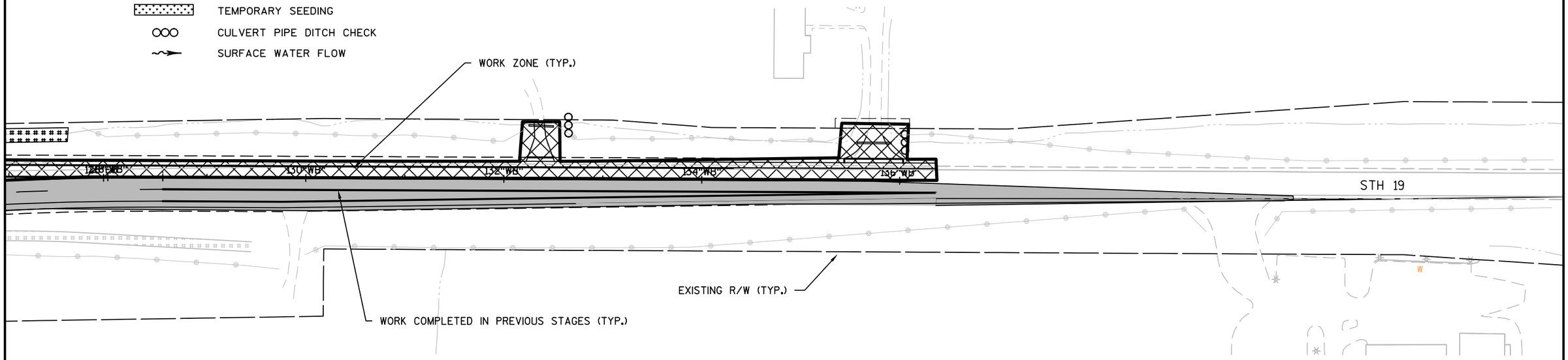
INLET PROTECTION

TEMPORARY DITCH CHECK

TEMPORARY SEEDING

CULVERT PIPE DITCH CHECK

SURFACE WATER FLOW



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 4	SHEET E

PRE_42

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022004_EC.DWG
LAYOUT NAME - 022004_EC - EC_022004B

PLOT DATE : 6/27/2016 3:28 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

WORK COMPLETED IN PREVIOUS STAGES (TYP.)

WORK ZONE (TYP.)

STH 113

200"NB" 202"NB" 204"NB" 206"NB" 208"NB" 210"NB" 212"NB"

200"SB" 202"SB" 204"SB" 206"SB" 208"SB" 210"SB" 212"SB"

120"EB" 118"NB" 118"EB" 116"EB"

114"NB" 114"EB" 112"NB" 112"EB"

STH 19

LEGEND

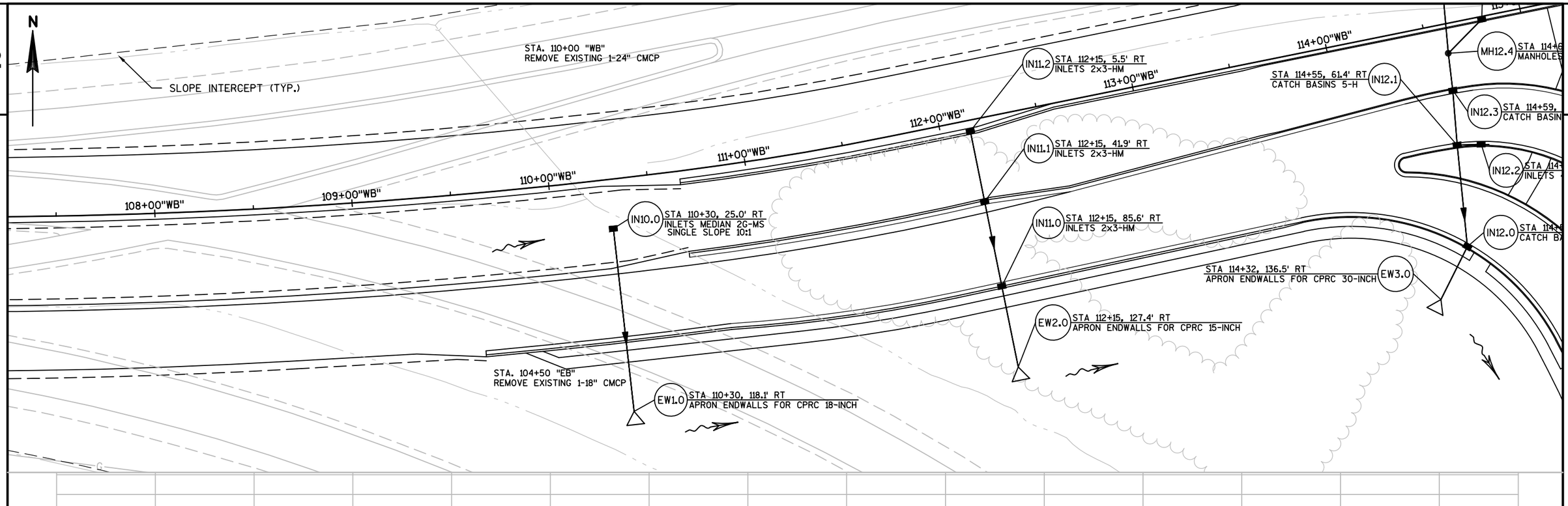
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B INSTALLED IN PREVIOUS STAGE
- SILT FENCE
- SILT FENCE INSTALLED IN PREVIOUS STAGE
- EROSION BALE, BARRIER
- RIP RAP OR STONE DITCH CHECK
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING
- CULVERT PIPE DITCH CHECK
- SURFACE WATER FLOW

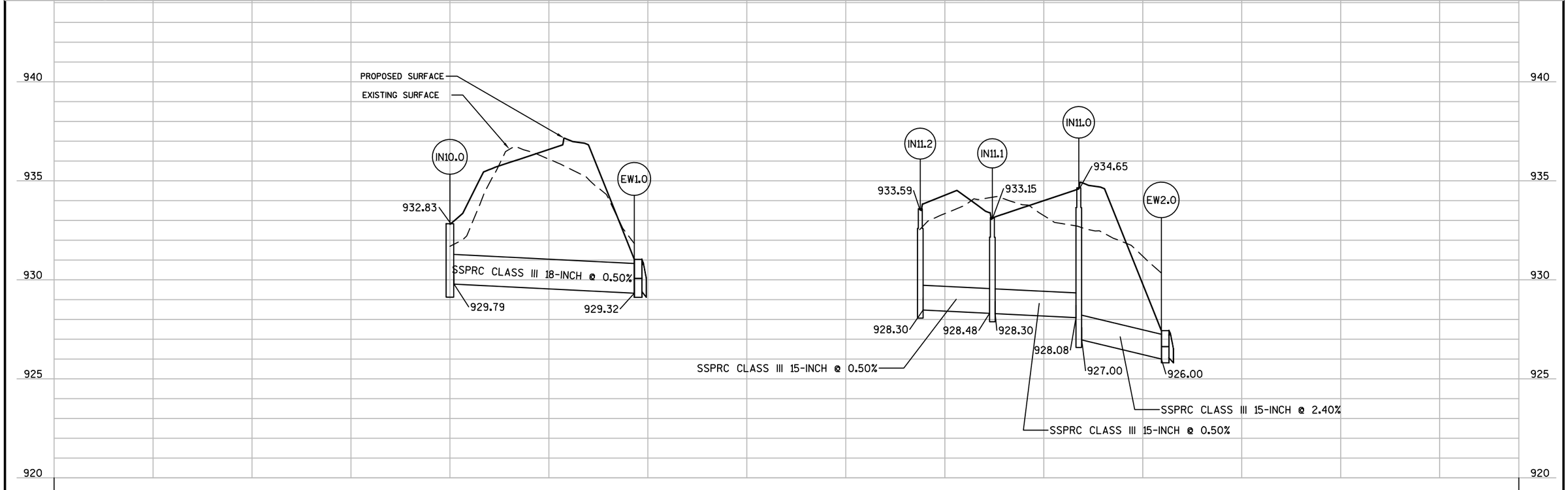
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	EROSION CONTROL - STAGE 4	SHEET E

PRE_43

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022004_EC.DWG
LAYOUT NAME - 022004_EC - EC_024004C

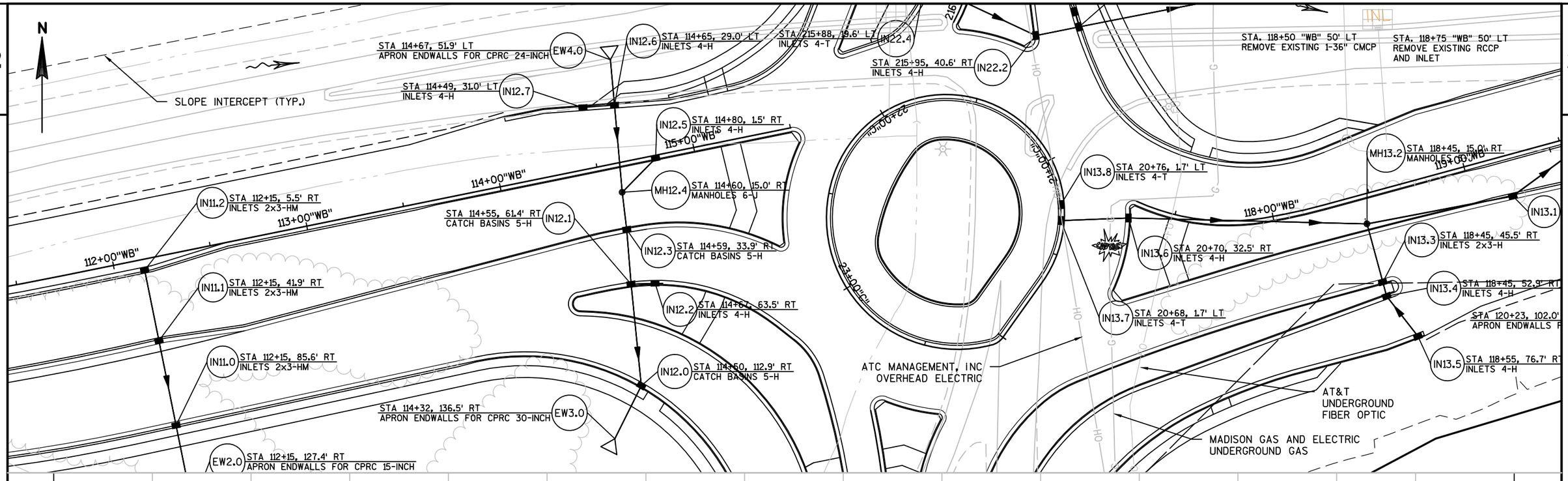
PLOT DATE : 6/27/2016 3:28 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

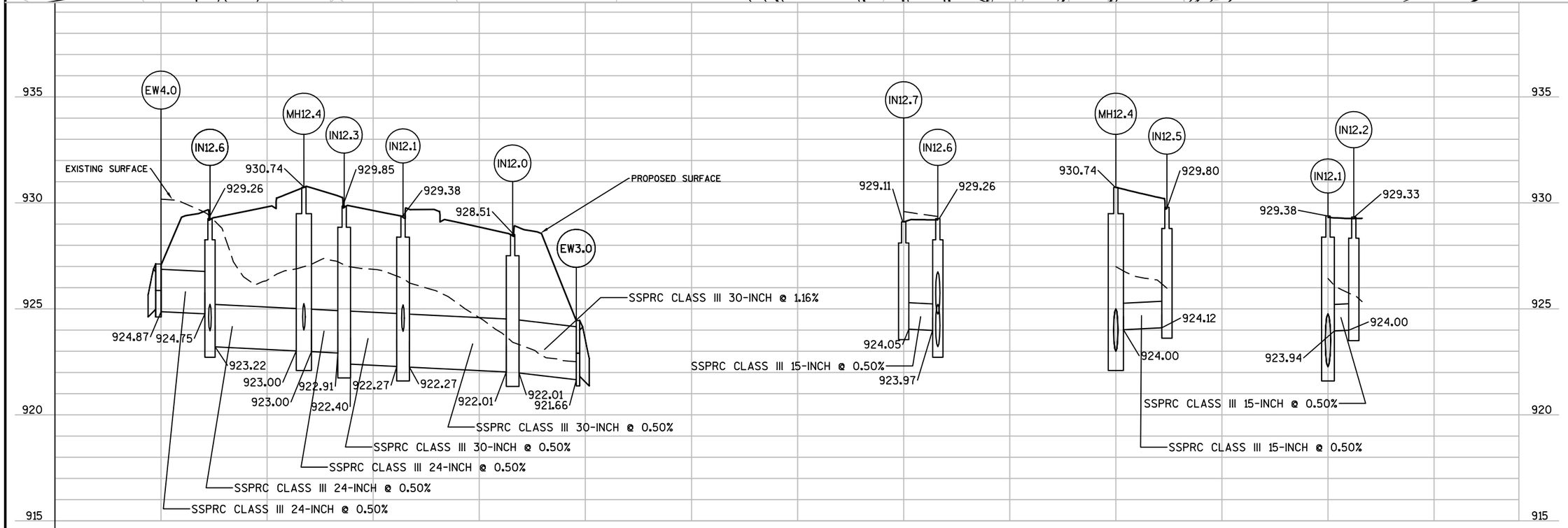




PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_44





PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_45

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022501_SS BACK.DWG
LAYOUT NAME - 022501_SS BACK - 022502
PLOT DATE : 6/27/2016 3:29 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

2

IN22.3 INLETS 4-T

IN22.1 STA 216+07, 55.4' RT
INLETS 4-T

IN22.0 STA 216+02, 59.7' RT
INLETS 4-T

216+00"SB"

40.6' RT IN22.2

STA. 118+75 "WB" 50' LT
REMOVE EXISTING RCCP
AND INLET

STA. 118+50 "WB" 50' LT
REMOVE EXISTING 1-36" CMCP

AT&T
UNDERGROUND
FIBER OPTIC

MADISON GAS AND ELECTRIC
UNDERGROUND GAS

IN13.8 STA 20+76, 1.7' LT
INLETS 4-T

115+00"WB"

118+00"WB"

IN13.6 STA 20+70, 32.5' RT
INLETS 4-H

IN13.7 STA 20+68, 1.7' LT
INLETS 4-T

ATC MANAGEMENT, INC
OVERHEAD ELECTRIC

MH13.2 STA 118+45, 15.0' RT
MANHOLES 60"WB

IN13.0 STA 119+70, 1.5' RT
INLETS 4-HM

120+00"WB"

IN13.1 STA 119+20, 20.8' RT
INLETS 4-HM

IN13.3 STA 118+45, 45.5' RT
INLETS 2x3-H

IN13.4 STA 118+45, 52.9' RT
INLETS 4-H

STA 120+23, 102.0' RT
APRON ENDWALLS FOR CPRC 18-INCH EW5.0

IN13.5 STA 118+55, 76.7' RT
INLETS 4-H

121+00"WB"

STA 122+24, 1.5' RT
INLETS 4-HM

IN14.3

122+00"WB"

IN14.1 STA 122+40, 1.5' RT
INLETS 4-HM

123+00"WB"

124+00"WB"

IN14.2 STA 122+56, 1.5' RT
INLETS 4-HM

IN14.0 STA 122+38, 29.5' RT
CATCH BASINS 2x3-HM

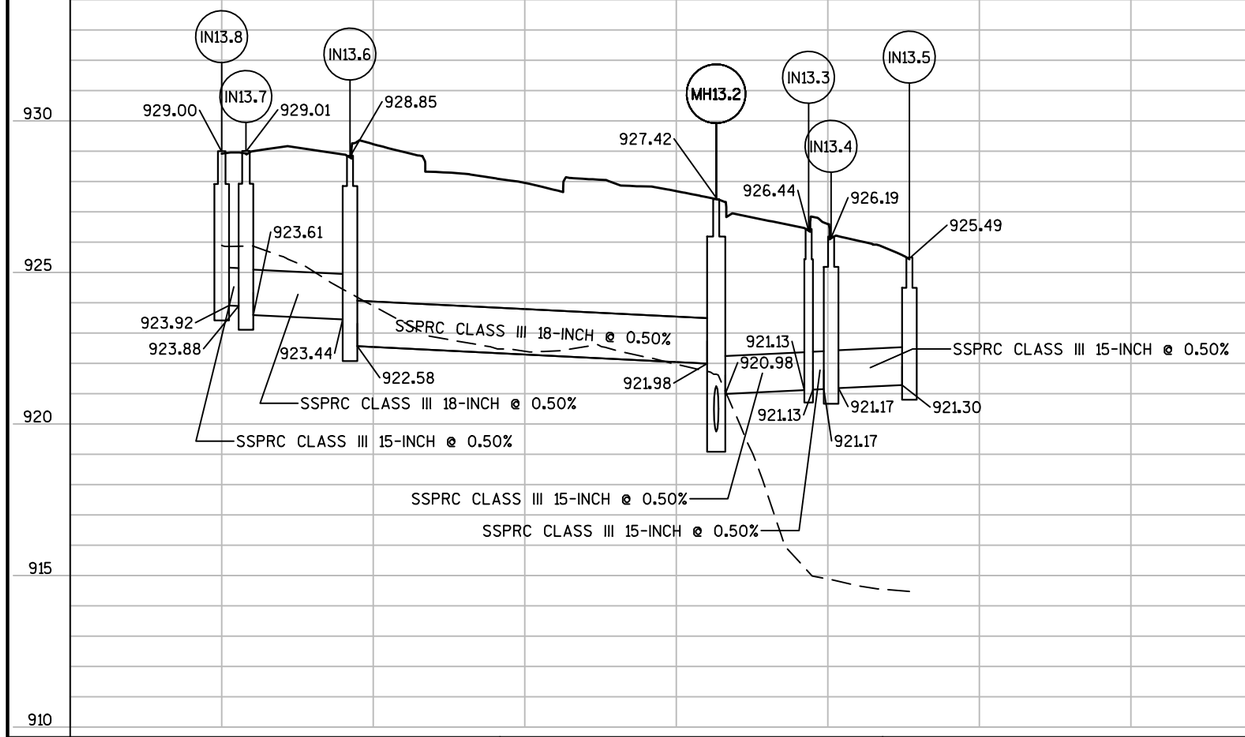
EW6.0 STA 122+38, 88.0' RT
APRON ENDWALLS FOR CPRC 15-INCH

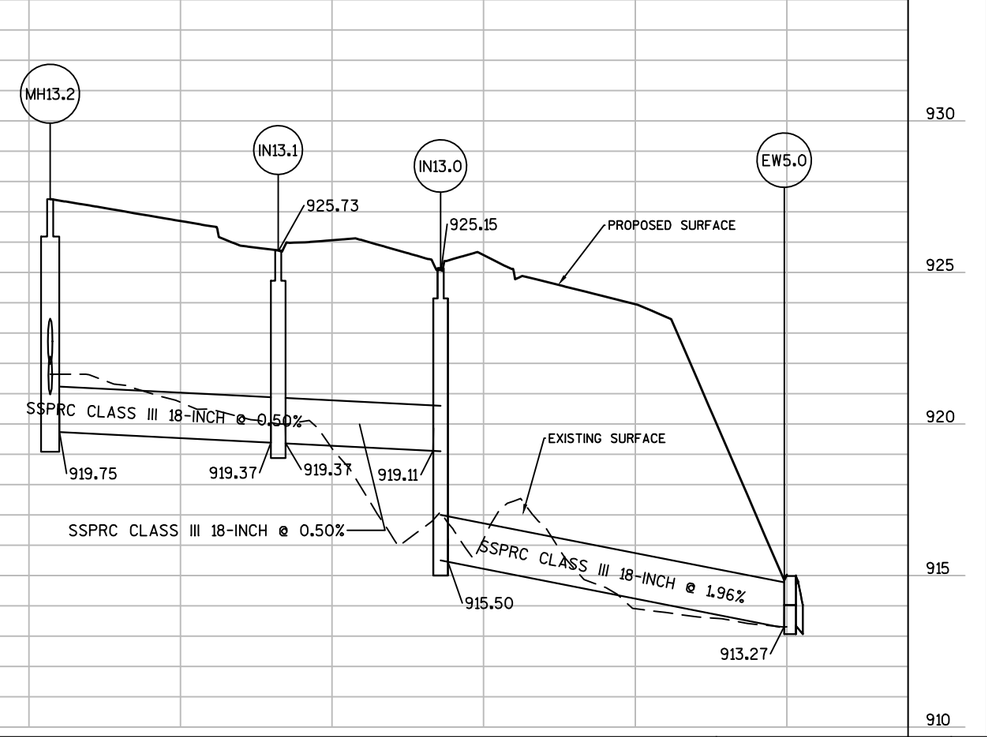
SLOPE INTERCEPT (TYP.)

EXISTING R/W (TYP.)

PROPOSED R/W

N





PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_46

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022501_SS BACK.DWG
LAYOUT NAME - 022501_SS BACK - 022503
PLOT DATE : 6/27/2016 3:29 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

2

WAUNAKEE UTILITIES
OVERHEAD ELECTRIC

TDS
UNDERGROUND TELEPHONE

124+00"WB"
125+00"WB"
126+00"WB"
127+00"WB"
123+00"WB"
122+00"WB"
121+00"WB"
120+00"WB"

IN14.3 STA 122+24, 1.5' RT
INLETS 4-HM

IN14.1 STA 122+40, 1.5' RT
INLETS 4-HM

IN14.2 STA 122+56, 1.5' RT
INLETS 4-HM

IN13.0 STA 119+70, 1.5' RT
INLETS 4-HM

IN14.0 STA 122+38, 29.5' RT
CATCH BASINS 2x3-HM

EW6.0 STA 122+38, 88.0' RT
APRON ENDWALLS FOR CPRC 15-INCH

SLOPE INTERCEPT (TYP.)

STA 119+20, 20.8' RT
INLETS 4-HM

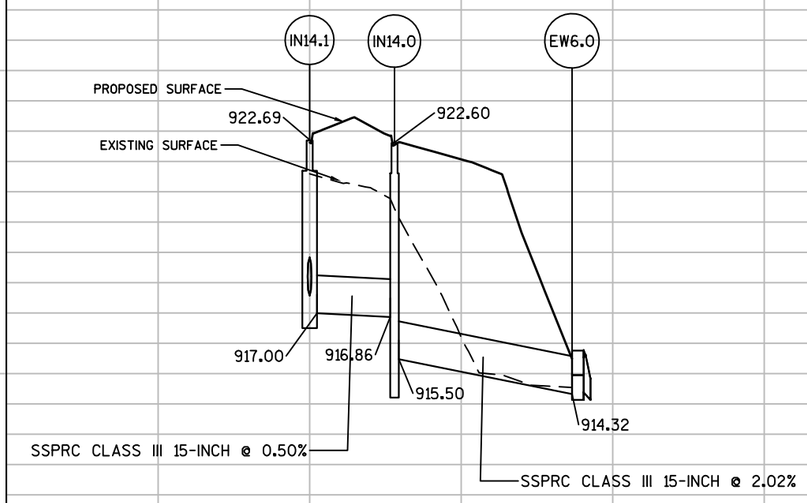
N

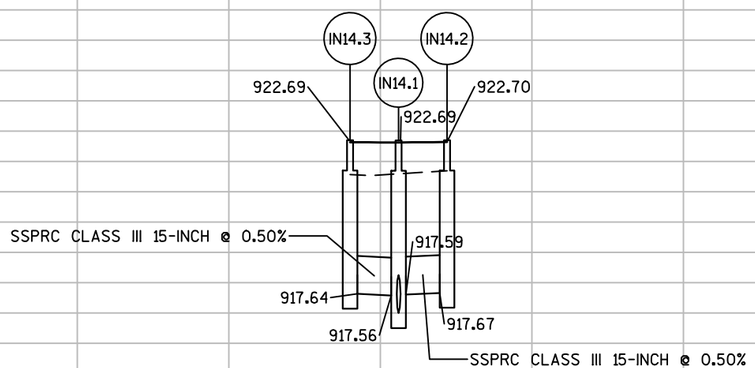
EXISTING R/W (TYP.)

RT
FOR CPRC 18-INCH EW5.0

PROPOSED R/W

930
925
920
915
910





PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_47

STA. 211+00 "SB" 100' LT
REMOVE EXISTING 1-30" LINED CMCP

STA. 212+00 "SB" 50' LT
REMOVE EXISTING 1-24" CMCP

STA 209+70, 64.2' LT
APRON ENDWALLS FOR CPRC 18-INCH EW7.0

STA. 210+75 "SB" REMOVE EXISTING
1-36" LINED CMCP

EW8.0 STA 212+33, 79.2' LT
APRON ENDWALLS FOR CPRC 18-INCH

IN21.0 STA 212+40, 48.2' LT
INLETS 2x3-H

IN21.1 STA 212+45, 23.1' LT
INLETS 2x3-H

STA 212+45, 13.7' LT
INLETS 2x3-H IN21.2

STA 212+45, 1.5' RT
INLETS 2x3-H IN21.3

IN20.0 STA 209+70, 5.5' RT
INLETS 4-HM

207+00"SB" 208+00"SB" 209+00"SB" 210+00"SB" 211+00"SB" 212+00"SB" 213+00"SB"

IN21.4 STA 212+45, 20.9' RT
INLETS 4-H

IN20.4 STA 210+08, 39.7' RT
INLETS 4-HM

STA 208+20, 25.0' RT
INLETS MEDIAN 2G-MS
SINGLE SLOPE 10:1 IN20.1

IN21.7 STA 212+80, 44.4' RT
INLETS 4-H

ATC MANAGEMENT, INC
OVERHEAD ELECTRIC

STA 209+76, 41.5' RT
INLETS 4-HM IN20.2

IN20.3 STA 209+92, 40.6' RT
INLETS 4-HM

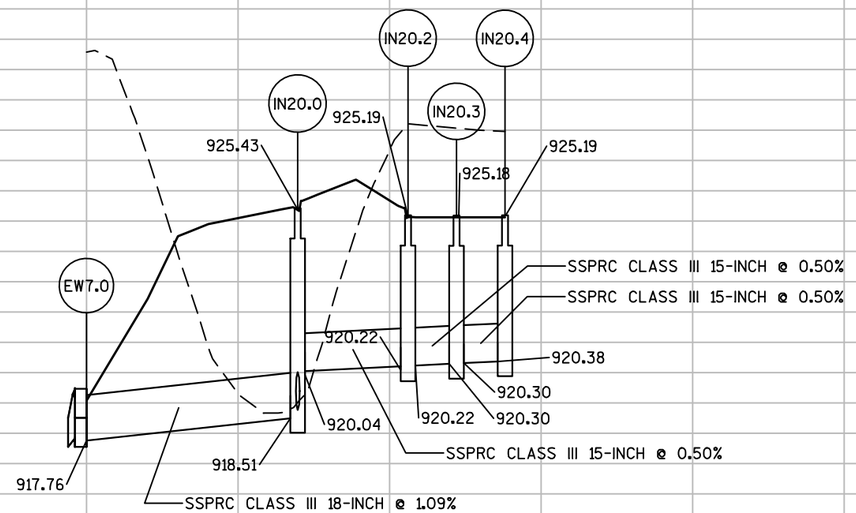
IN21.8 STA 212+80, 53.9' RT
INLETS 2x3-H

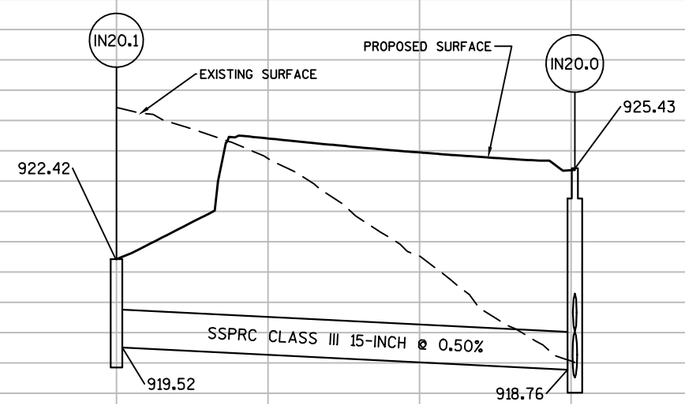
MADISON GAS AND ELECTRIC
UNDERGROUND GAS

STA 212+17, 72.5' RT
INLETS 4-H IN21.6

IN21.5 STA 212+25, 72.4' RT
INLETS 4-H

IN13.7 STA 20
INLETS

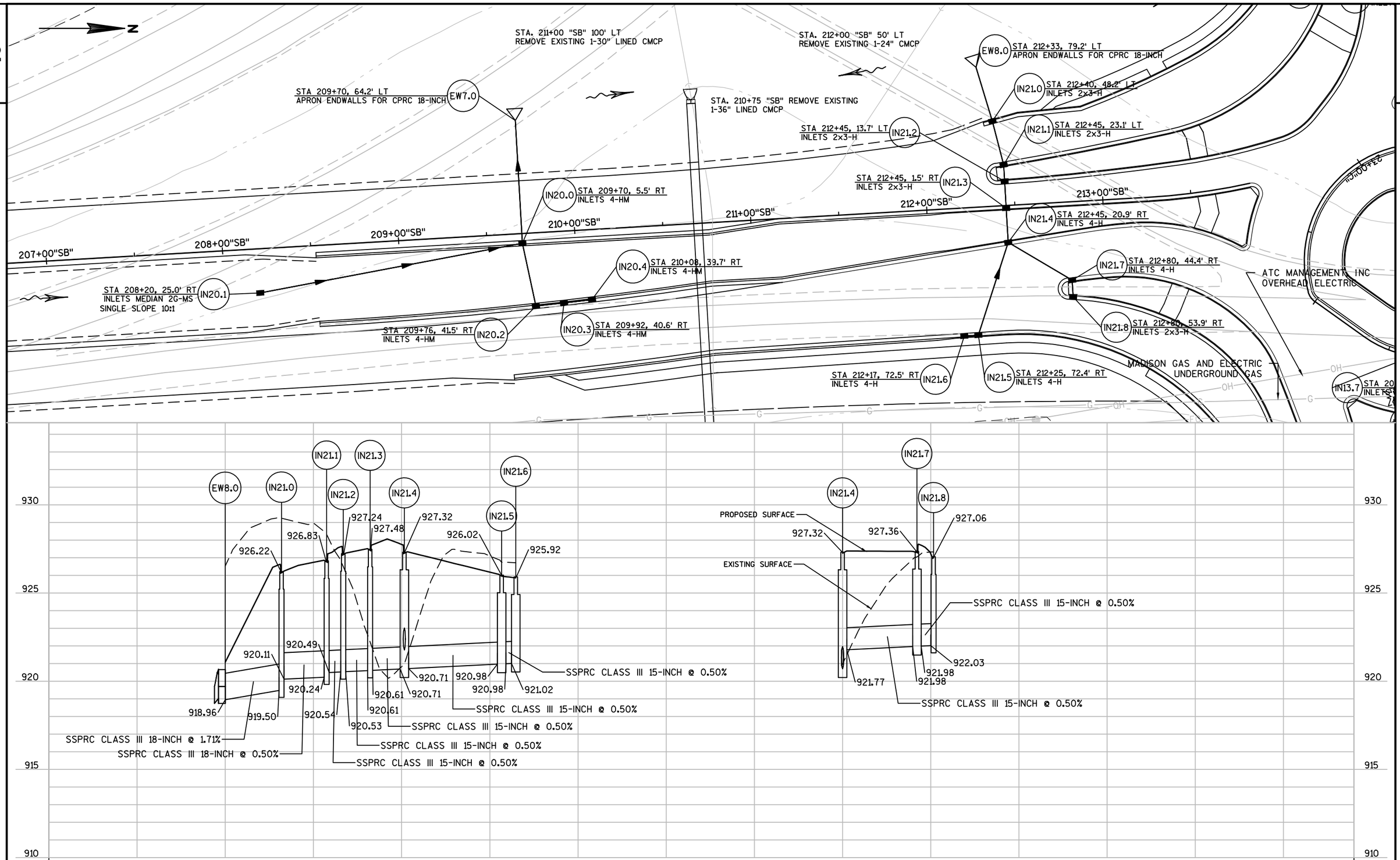




PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_48

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022501_SS BACK.DWG
LAYOUT NAME - 022501_SS BACK - 022505
PLOT DATE : 6/27/2016 3:29 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_49

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022501_SS BACK.DWG
LAYOUT NAME - 022501_SS BACK - 022506
PLOT DATE : 6/27/2016 3:29 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

2

IN22.6 STA 216+00, 69.8' LT INLETS 4-H

IN22.7 STA 216+40, 64.8' LT INLETS 4-H

IN22.5 STA 215+99, 50.8' LT INLETS 2x3-H

IN22.4 STA 215+88, 15.6' LT INLETS 4-T

IN22.3 STA 215+98, 19.2' LT INLETS 4-T

IN22.2 STA 215+95, 40.6' RT INLETS 4-H

IN22.1 STA 216+07, 55.4' RT INLETS 4-T

IN22.0 STA 216+02, 59.7' RT INLETS 4-T

IN13.8 STA 20+76, 1.7' LT INLETS 4-T

IN13.7 STA 20+68, 1.7' LT INLETS 4-T

IN13.6 STA 20+70, 32.5' RT INLETS 4-H

EW10.0 STA 217+30, 50.2' RT APRON ENDWALLS FOR CPRC 18-INCH

EW9.0 STA 216+19, 131.4' RT APRON ENDWALLS FOR CPRC 18-INCH

IN23.3 STA 218+40, 23.0' LT INLETS, MEDIAN 1G-MS SINGLE SLOPE 10:1

IN23.2 STA 219+40, 17.5' LT INLETS 2x3-HM

IN23.1 STA 219+40, 17.6' RT INLETS 4-HM

IN23.0 STA 218+45, 24.0' RT INLETS 4-HM

TDS UNDERGROUND TELEPHONE

MADISON GAS AND ELECTRIC UNDERGROUND GAS

ATC MANAGEMENT, INC OVERHEAD ELECTRIC

SLOPE INTERCEPT (TYP.)

ATC MANAGEMENT, INC OVERHEAD ELECTRIC

STA. 222+50 "SB" REMOVE EXISTING 1-24" CMCP

216+00"SB"

217+00"SB"

218+00"SB"

219+00"SB"

220+00"SB"

221+00"SB"

222+00"SB"

AT&T UNDERGROUND FIBER OPTIC

WAUNAKEE UTILITIES OVERHEAD ELECTRIC

WAUNAKEE UTILITIES UNDERGROUND ELECTRIC

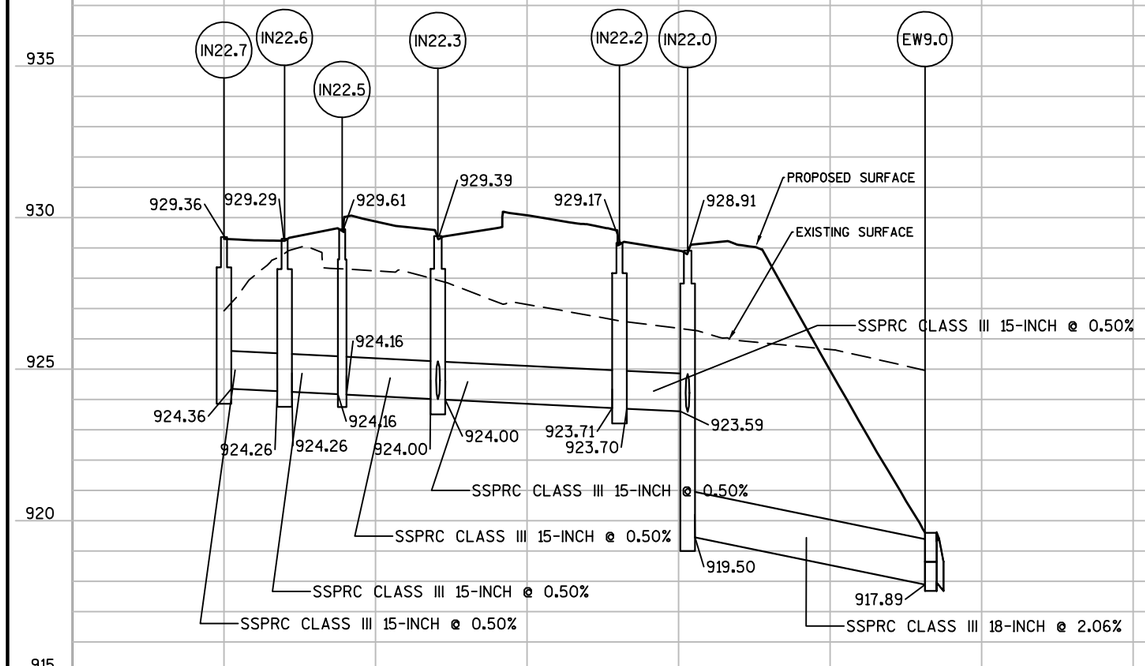
TLE (TYP.)

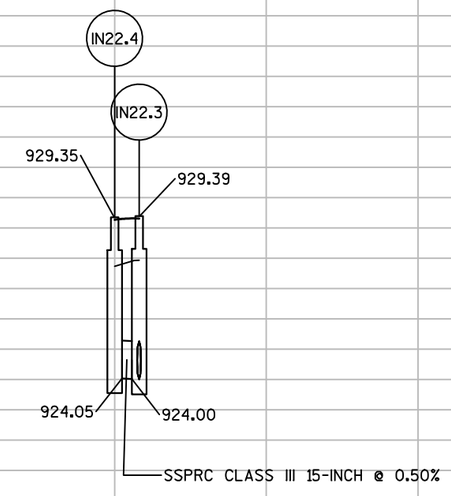
TDS UNDERGROUND TELEPHONE

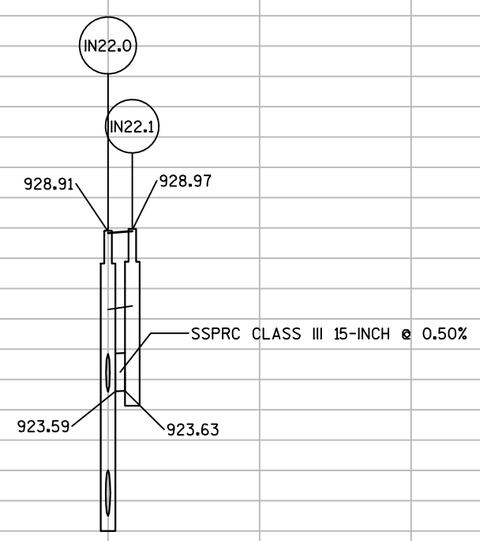
EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

N







PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_50

2

IN22.6 STA 216+00, 69.8' LT INLETS 4-H

IN22.7 STA 216+40, 64.8' LT INLETS 4-H

IN22.5 STA 215+99, 50.8' LT INLETS 2x3-H

IN22.4 STA 215+88, 15.6' LT INLETS 4-T

IN22.3 STA 215+98, 19.2' LT INLETS 4-T

IN22.2 STA 215+95, 40.6' RT INLETS 4-H

IN22.1 STA 216+07, 55.4' RT INLETS 4-T

IN22.0 STA 216+02, 59.7' RT INLETS 4-T

IN13.8 STA 20+76, 1.7' LT INLETS 4-T

IN13.7 STA 20+68, 1.7' LT INLETS 4-T

IN13.6 STA 20+70, 32.5' RT INLETS 4-H

EW10.0 STA 217+30, 50.2' RT APRON ENDWALLS FOR CPRC 18-INCH

EW9.0 STA 216+19, 131.4' RT APRON ENDWALLS FOR CPRC 18-INCH

IN23.3 STA 216+40, 23.0' LT INLETS MEDIAN IG-MS SINGLE SLOPE 10:1

IN23.2 STA 219+40, 17.5' LT INLETS 2x3-HM

IN23.1 STA 219+40, 17.6' RT INLETS 4-HM

IN23.0 STA 218+45, 24.0' RT INLETS 4-HM

TDS UNDERGROUND TELEPHONE

MADISON GAS AND ELECTRIC UNDERGROUND GAS

STA. 222+50 "SB" REMOVE EXISTING 1-24" CMCP

SLOPE INTERCEPT (TYP.)

ATC MANAGEMENT, INC OVERHEAD ELECTRIC

ATC MANAGEMENT, INC OVERHEAD ELECTRIC

216+00"SB"

217+00"SB"

218+00"SB"

219+00"SB"

220+00"SB"

221+00"SB"

222+00"SB"

21+00"CL"

23+00"CL"

23+00"CL"

118'

AT&T UNDERGROUND FIBER OPTIC

WAUNAKEE UTILITIES OVERHEAD ELECTRIC

WAUNAKEE UTILITIES UNDERGROUND ELECTRIC

EXISTING R/W (TYP.)

TLE (TYP.)

TDS UNDERGROUND TELEPHONE

PROPOSED R/W (TYP.)

N

EXISTING SURFACE

PROPOSED SURFACE

EW10.0

IN23.0

IN23.1

IN23.2

IN23.3

936.07

939.41

939.41

939.25

930.84

930.00

927.82

933.80

933.97

933.97

934.00

931.80

SSPRC CLASS III 18-INCH @ 1.84%

SSPRC CLASS III 15-INCH @ 1.00%

SSPRC CLASS III 15-INCH @ 0.50%

SSPRC CLASS III 15-INCH @ 0.50%

945

940

935

930

925

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET E

PRE_51

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\022501_SS BACK.DWG
LAYOUT NAME - 022501_SS BACK - 022508

PLOT DATE : 6/27/2016 3:30 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch EACH	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch EACH	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch EACH	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch EACH	611.0530 Manhole Covers Type J EACH	611.0624 Inlet Covers Type H EACH	611.0627 Inlet Covers Type HM EACH	611.0642 Inlet Covers Type MS EACH	611.0652 Inlet Covers Type T EACH	611.1005 Catch Basins 5-FT Diameter EACH	611.1230 Catch Basins 2x3-FT EACH	611.2005 Manholes 5-FT Diameter EACH	611.2006 Manholes 6-FT Diameter EACH	611.3004 Inlets 4-FT Diameter EACH	611.3230 Inlets 2x3-FT EACH	611.3901 Inlets Median 1 Grate EACH	611.3902 Inlets Median 2 Grate EACH	650.4000 Construction Staking Storm Sewer EACH	RIM ELEVATION	INVERT** ELEVATION	DEPTH*** FT
EW1.0	110+30	118.1' RT	STH19-WB		1																1		931.03	
EW2.0	112+15	127.4' RT	STH19-WB	1																	1		927.44	
EW3.0	114+32	136.5' RT	STH19-WB				1														1		924.45	
EW4.0	114+67	51.9' LT	STH19-WB			1															1		927.12	
EW6.0	122+38	88' RT	STH19-WB	1																	1		915.76	
EW7.0	209+70	64.2' LT	STH113-SB		1																1		919.47	
EW8.0	212+33	79.2' LT	STH113-SB		1																1		920.66	
EW9.0	216+19	131.4' RT	STH113-SB		1																1		919.60	
EW10.0	217+30	50.2' RT	STH113-SB		1																1		929.53	
IN10.0	110+30	25' RT	STH19-WB								1									1	1	932.83	929.79	3.25
IN11.0	112+15	85.6' RT	STH19-WB							1								1			1	934.65	927.00	6.84
IN11.1	112+15	41.9' RT	STH19-WB							1								1			1	933.15	928.30	4.04
IN11.2	112+15	5.5' RT	STH19-WB							1								1			1	933.59	928.48	4.30
IN12.0	114+50	112.9' RT	STH19-WB						1				1								1	928.51	922.01	5.50
IN12.1	114+55	61.4' RT	STH19-WB						1				1								1	929.38	922.27	6.11
IN12.2	114+67	63.5' RT	STH19-WB						1								1				1	929.33	924.00	4.52
IN12.3	114+59	33.9' RT	STH19-WB						1				1								1	929.85	922.40	6.44
IN12.5	114+80	1.5' RT	STH19-WB						1								1				1	929.80	924.12	4.86
IN12.6	114+65	29' LT	STH19-WB						1								1				1	929.26	923.22	5.29
IN12.7	114+49	31' LT	STH19-WB						1								1				1	929.11	924.05	4.25
IN13.0	119+70	1.5' RT	STH19-WB							1							1				1	925.15	915.50	8.85
IN13.1	119+20	20.8' RT	STH19-WB							1							1				1	925.73	919.37	5.57
IN13.3	118+45	45.5' RT	STH19-WB						1									1			1	926.44	921.13	4.50
IN13.4	118+45	52.9' RT	STH19-WB						1								1				1	926.19	921.17	4.21
IN13.5	118+55	76.7' RT	STH19-WB						1								1				1	925.31	921.30	3.20
IN13.6	20+70	32.5' RT	CIRCULATORY ROADWAY						1								1				1	928.85	922.58	5.48
IN13.7	20+68	1.7' LT	CIRCULATORY ROADWAY									1					1				1	929.01	923.61	4.53
IN13.8	20+76	1.7' LT	CIRCULATORY ROADWAY									1					1				1	929.00	923.92	4.18
IN14.0	122+38	29.5' RT	STH19-WB							1				1							1	922.60	914.62	6.98
IN14.1	122+40	1.5' RT	STH19-WB							1							1				1	922.69	917.00	4.87
IN14.2	122+56	1.5' RT	STH19-WB							1							1				1	922.70	917.67	4.22
IN14.3	122+24	1.5' RT	STH19-WB							1							1				1	922.69	917.64	4.24
IN20.0	209+70	5.5' RT	STH113-SB							1							1				1	925.43	918.51	6.12
IN20.1	208+20	25' RT	STH113-SB								1									1	1	922.42	919.52	3.09
IN20.2	209+76	41.5' RT	STH113-SB							1							1				1	925.21	920.22	4.18
IN20.3	209+92	40.6' RT	STH113-SB							1							1				1	925.20	920.30	4.09
IN20.4	210+08	39.7' RT	STH113-SB							1							1				1	925.21	920.38	4.02
IN21.0	212+40	48.2' LT	STH113-SB						1									1			1	926.18	919.50	5.89
IN21.1	212+45	23.1' LT	STH113-SB						1									1			1	926.83	920.28	5.75
IN21.2	212+45	13.7' LT	STH113-SB						1									1			1	927.24	920.53	5.89
IN21.3	212+45	1.5' RT	STH113-SB						1									1			1	927.48	920.61	6.06
IN21.4	212+45	20.9' RT	STH113-SB						1								1				1	927.32	920.71	5.80
IN21.5	212+25	72.4' RT	STH113-SB						1								1				1	926.02	920.98	4.22
IN21.6	212+17	72.5' RT	STH113-SB						1								1				1	925.92	921.02	4.08
IN21.7	212+80	44.4' RT	STH113-SB						1								1				1	927.36	921.98	4.56
IN21.8	212+80	53.9' RT	STH113-SB						1									1			1	927.06	922.03	4.22
IN22.0	216+02	59.7' RT	STH113-SB									1					1				1	928.91	919.50	8.53
IN22.1	216+07	55.4' RT	STH113-SB									1					1				1	928.97	923.63	4.44
IN22.2	215+95	40.6' RT	STH113-SB						1								1				1	929.17	923.70	4.65
IN22.3	215+98	19.2' LT	STH113-SB									1					1				1	929.39	924.00	4.49
IN22.4	215+88	19.6' LT	STH113-SB									1					1				1	929.35	924.05	4.41
IN22.5	215+99	50.8' LT	STH113-SB						1									1			1	929.61	924.16	4.64
IN22.6	216+00	69.8' LT	STH113-SB						1								1				1	929.29	924.26	4.23
IN22.7	216+40	64.8' LT	STH113-SB						1								1				1	929.36	924.36	4.19
IN23.0	218+50	23.6' RT	STH113-SB							1							1				1	936.25	930.00	5.46
IN23.1	219+40	17.6' RT	STH113-SB							1							1				1	939.41	931.75	6.84
IN23.2	219+40	17.5' LT	STH113-SB							1								1			1	939.41	933.97	4.62
IN23.3	219+40	23' LT	STH113-SB								1								1		1	939.25	934.00	5.44
MH12.4	114+60	15' RT	STH19-WB					1								1					1	930.74	923.00	6.75
MH13.2	118+45	15' RT	STH19-WB					1							1						1	927.42	919.75	6.64
			TOTALS	2	5	1	1	2	24	16	3	6	3	1	1	1	31	11	1	2	60			

REMARKS
* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE
** FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE
*** DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6 -INCH ADJUSTMENT RING HEIGHT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN, TYPE II, REFLECTIVE)
- 1-01 SIGN - NEW
- (1-01) SIGN - REMOVE
- 1-M1 SIGN - MOVE
- OVERHEAD SIGN

* MOVE SIGN FOR STAGING PURPOSES PRIOR TO REMOVAL

N

2

HOGAN RD

STH 19/113

(1-01) JCT COUNTY I

TO REMAIN — WRONG WAY

TO REMAIN — DO NOT ENTER

TO REMAIN

TO REMAIN — DO NOT ENTER

(1-02) SOUTH 113

REMOVE PRIOR TO STAGE 3

TO REMAIN — HOPE LUTHERAN CHURCH SPONSER IN LOVING MEMORY OF YVONNE ZIEGLER

TO REMAIN — WRONG WAY

TO REMAIN — LEFT LANE ENDS

(1-03A) (1-03B) STOP AHEAD 19

REMOVE PRIOR TO STAGE 3

(1-04A) (1-04B)

* (1-M1) (1-05) SUN PRAIRIE MADISON

MOVE PRIOR TO STAGE 3

(1-08) NORTH EAST COUNTY I 19

REMOVE PRIOR TO STAGE 3

ONE WAY — TO REMAIN

REMOVE POST

WEST NORTH 19 113 — TO REMAIN

ONE WAY — TO REMAIN

(1-09) DO NOT ENTER

50 M.P.H.

REMOVE PRIOR TO STAGE 3

(1-06A) (1-06B)

(1-07) TO INTERSTATE 90 INTERSTATE 94

REMOVE PRIOR TO STAGE 3

STH 19

(1-09) DO NOT ENTER

(1-07) TO INTERSTATE 90 INTERSTATE 94

REMOVE PRIOR TO STAGE 3

STH 19/113

WRONG WAY (121) (122)

REMOVE PRIOR TO STAGE 3

(123)

REMOVE PRIOR TO STAGE 3

(1-10) LEFT TURN LANE

REMOVE PRIOR TO STAGE 3

(1-11A) (1-11B) STOP AHEAD 19

REMOVE PRIOR TO STAGE 3

(1-12) (1-13) STOP

REMOVE PRIOR TO STAGE 3

(1-14) REMOVE PRIOR TO STAGE 3

NORTH EAST COUNTY I 19

REMOVE PRIOR TO STAGE 2

(1-24) (1-25) DO NOT ENTER

REMOVE PRIOR TO STAGE 3

(1-26) CHECK TURN SIGNAL

REMOVE PRIOR TO STAGE 1

(1-27) (1-28) EXCEPT MAINTENANCE AND POLICE AUTHORIZED VEHICLES

WEST NORTH 19 113 (1-29)

(1-30) LEFT TURN LANE

REMOVE PRIOR TO STAGE 1

(1-20A) (1-20B) REMOVE PRIOR TO STAGE 1

(1-19)

(1-18) (1-17) WRONG WAY

(1-15) REMOVE PRIOR TO STAGE 2

STH 113

REMOVE PRIOR TO STAGE 3

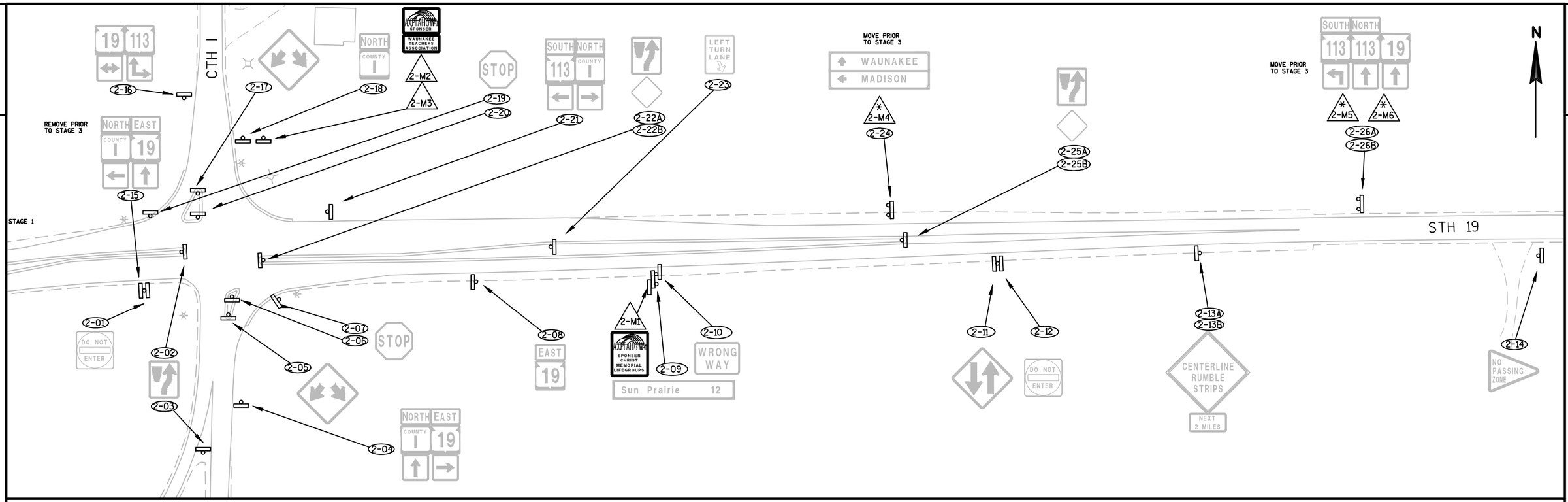
(116)

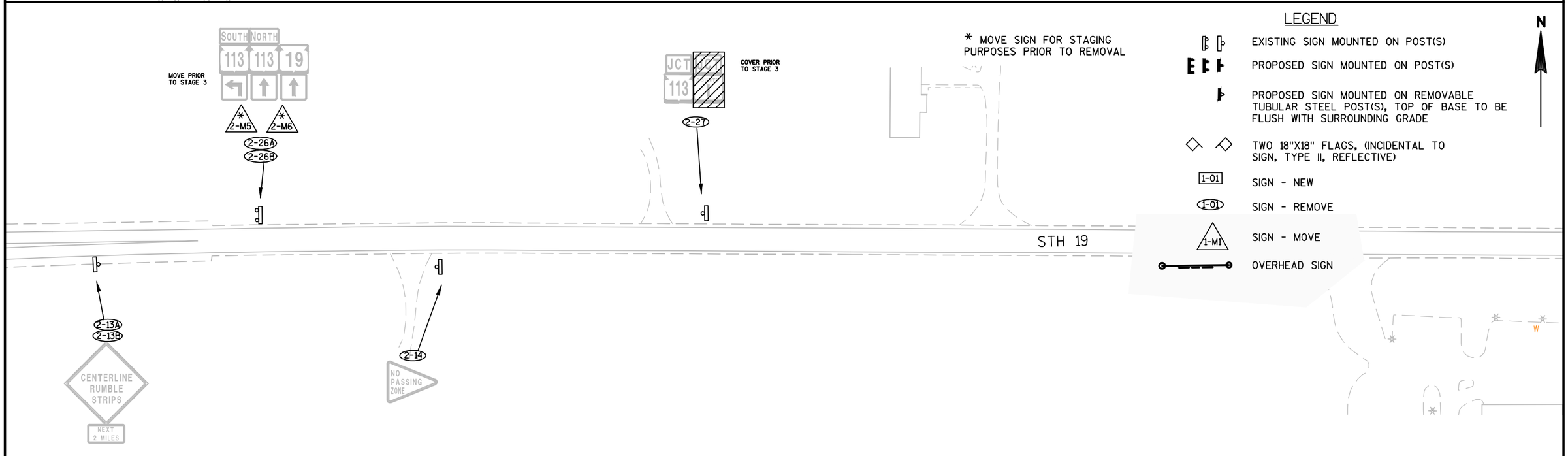
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	SIGN REMOVALS	SHEET E

PRE_53

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023201_PS - 023201A_PS

PLOT DATE : 6/27/2016 3:30 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



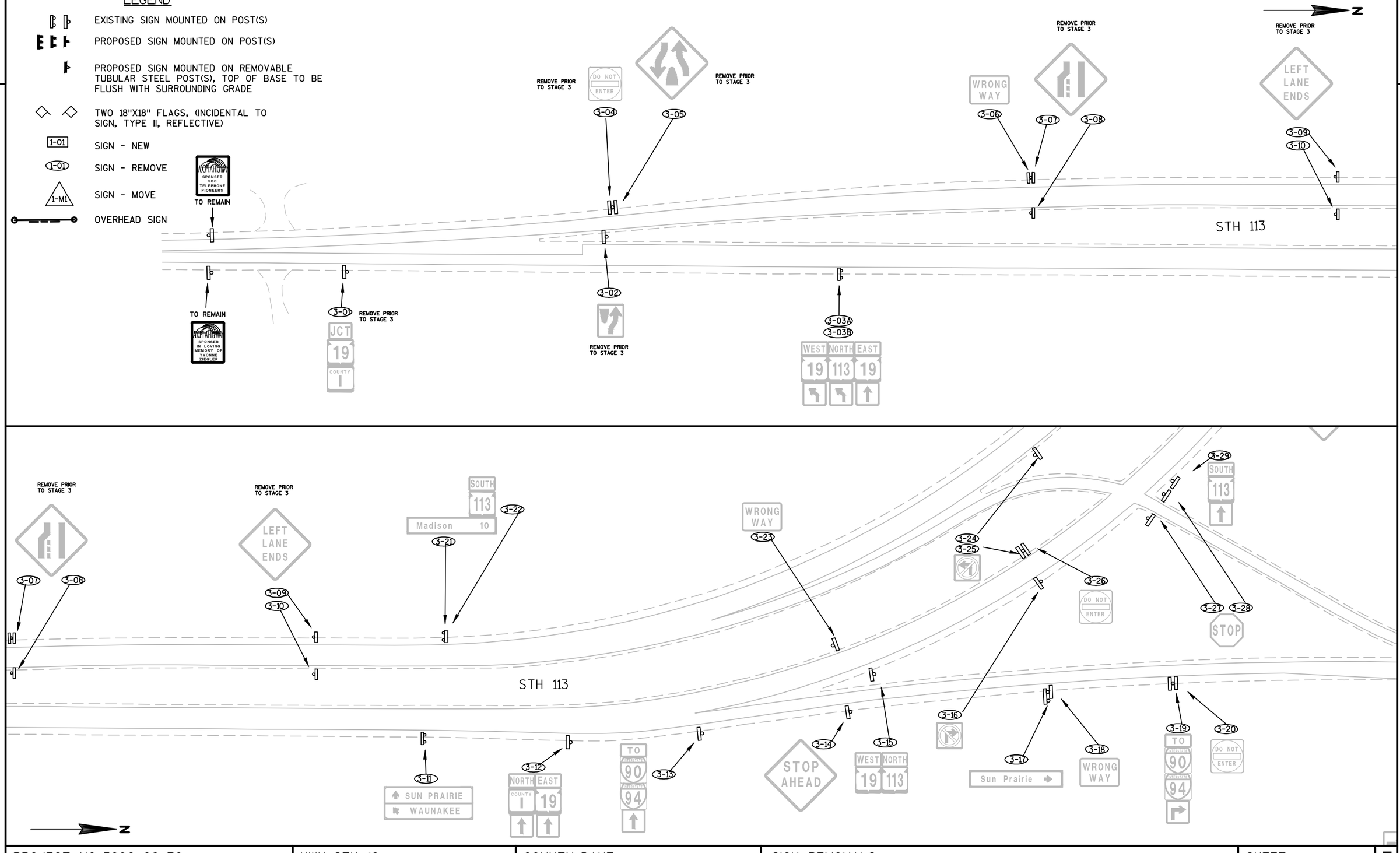


PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	SIGN REMOVALS	SHEET E

PRE_54

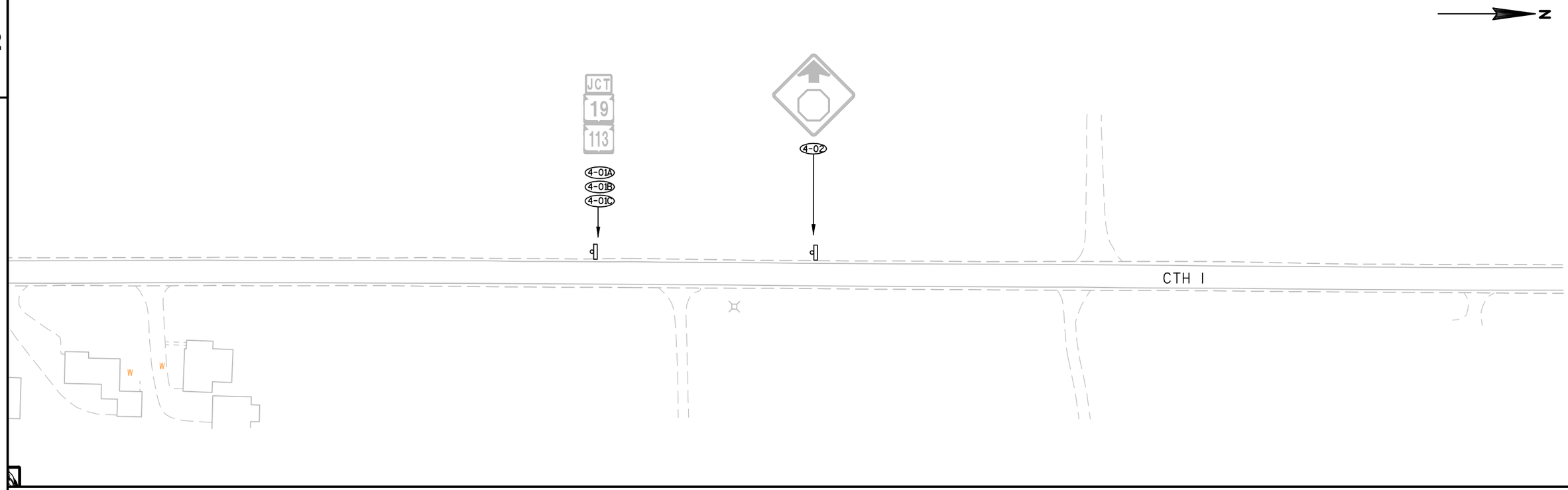
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN, TYPE II, REFLECTIVE)
- 1-01 SIGN - NEW
- (1-01) SIGN - REMOVE
- 1-M1 SIGN - MOVE
- OVERHEAD SIGN



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	SIGN REMOVALS	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023201_PS - 023201C_PS
PLOT DATE : 6/27/2016 3:30 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

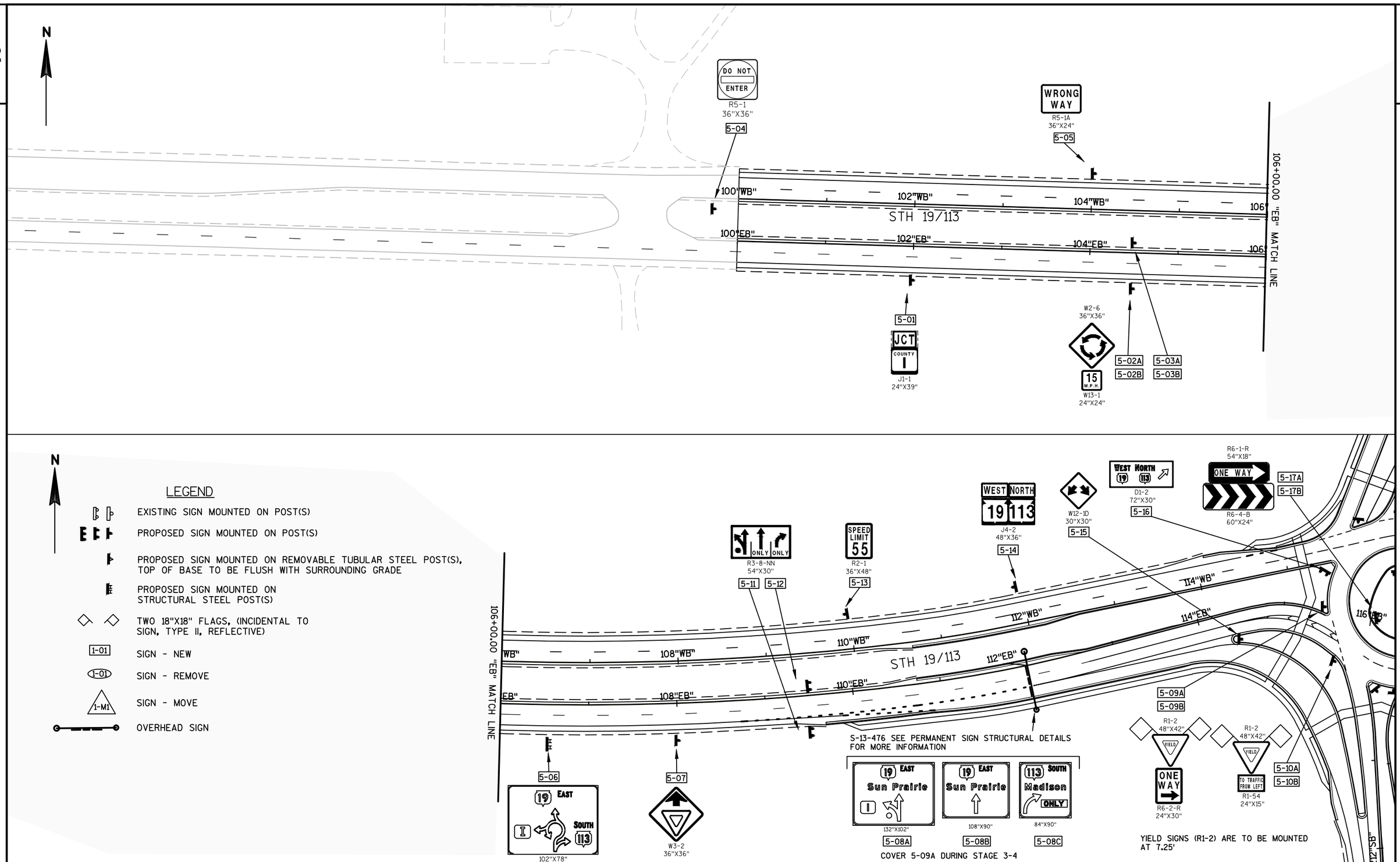


LEGEND

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- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN, TYPE II, REFLECTIVE)
- 1-01 — SIGN - NEW
- 1-01 — SIGN - REMOVE
- 1-M1 — SIGN - MOVE
- OVERHEAD SIGN

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	SIGN REMOVALS	SHEET E

PRE_56



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET E

PRE_57

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\023202_PS.DWG
LAYOUT NAME - 023202_PS - 023202A_PS
PLOT DATE : 6/27/2016 3:30 PM
PLOT BY : PAYNE, GREGORY A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

YIELD SIGNS (R1-2) ARE TO BE MOUNTED AT 7.25'

S-13-474 SEE PERMANENT SIGN STRUCTURAL DETAILS FOR MORE INFORMATION

COVER 6-15B DURING STAGE 3-4

STH 19

132+00.00 "WB" MATCH LINE

6-01 D1-1 42"X30"

6-02 6-03 W4-2R 36"X36"

6-04 W4-3R 36"X36"

6-05 6-06 W4-2R 36"X36"

6-07 WRONG WAY R5-1A 36"X24"

6-08 DO NOT ENTER R5-1 36"X36"

6-09 EAST 19 J4-1 24"X36"

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

2-M1 ADDITIONS SPONSER CHRIST MEMORIAL LIFEGROUPS

6-11 Sun Prairie 12 D2-1 84"X15"

6-12A 6-12B R6-4-B 60"X24"

6-13A 6-13B TO TRAFFIC FROM LEFT R1-54 24"X15"

6-14A 6-14B R6-2-R 24"X30"

R1-2 48"X42"

6-15A WEST NORTH 19 113 Waunakee 113 SOUTH Madison 168"X114"

6-15B WEST NORTH 19 113 Waunakee I 120"X114"

6-16 6-17 R3-8-CC 36"X30"

6-18 W3-2 36"X36"

6-19A 6-19B R4-7 36"X48" W5-54 18"X18"

6-20 WEST NORTH 19 113 SOUTH 113 I 102"X78"

6-21A 6-21B W2-6 36"X36" 15 M.P.H. W13-1 24"X24"

6-22 JCT 113 JCT COUNTY I J1-2 48"X39"

118"WB" 120"WB" 122"WB" 124"WB" 126"WB" 128"WB" 130"WB" 132"WB"

118"EB" 120"EB" 122"EB" 124"EB" 126"EB" 128"EB"

134"WB" 136"WB"

LEGEND

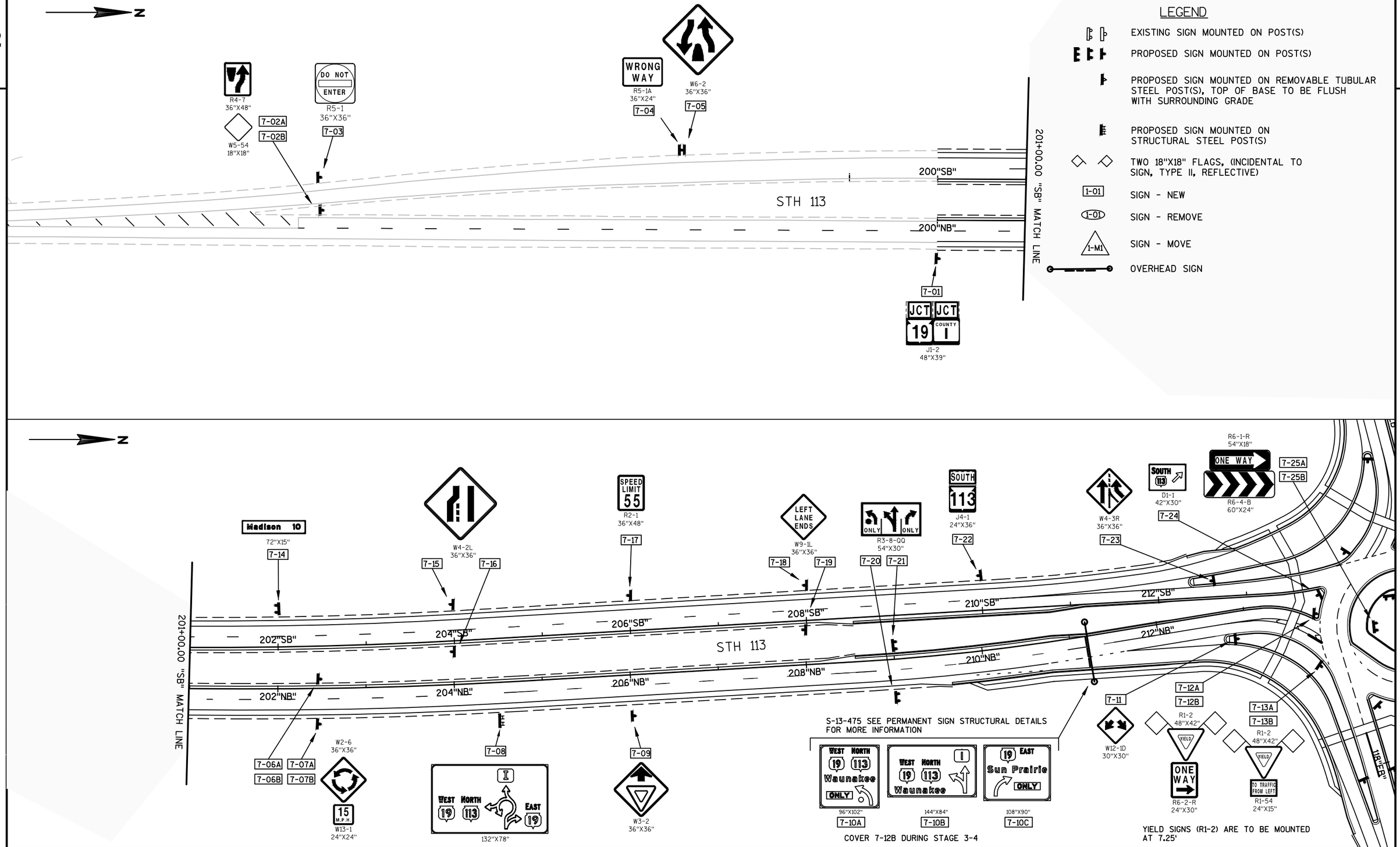
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- PROPOSED SIGN MOUNTED ON STRUCTURAL STEEL POST(S)
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN, TYPE II, REFLECTIVE)
- 1-01 SIGN - NEW
- 1-01 SIGN - REMOVE
- 1-M1 SIGN - MOVE
- OVERHEAD SIGN

N

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET E

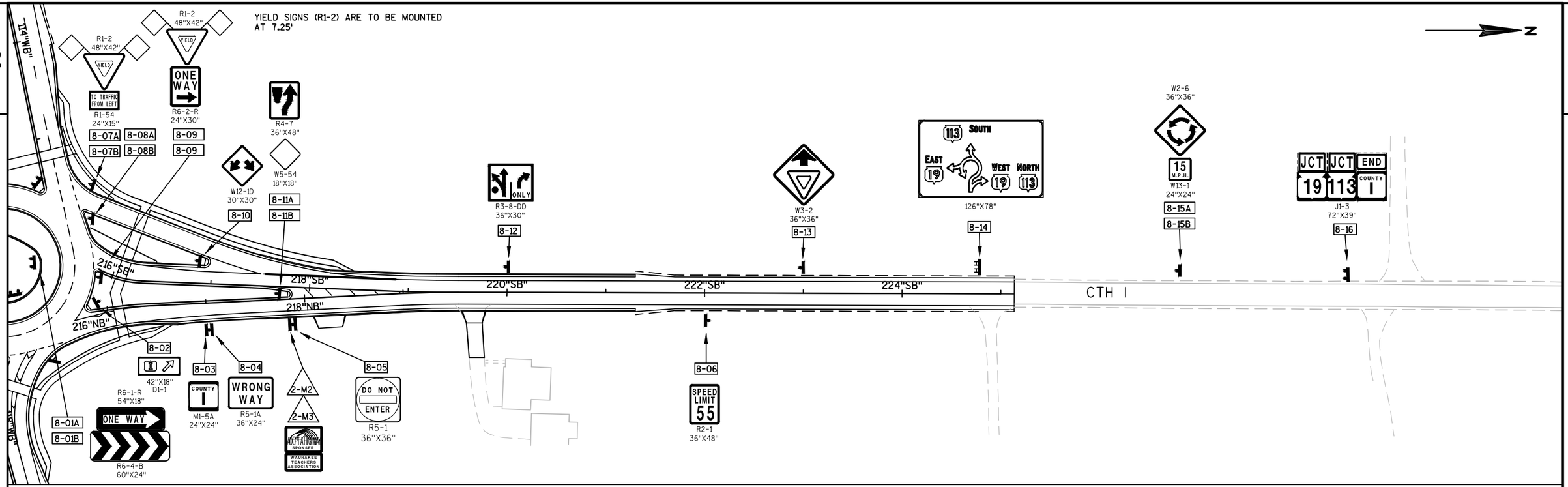
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LAYOUT NAME - 023202_PS - 023202B_PS

PLOT DATE : 6/27/2016 3:30 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET E

PRE_59



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON REMOVABLE TUBULAR STEEL POST(S), TOP OF BASE TO BE FLUSH WITH SURROUNDING GRADE
- PROPOSED SIGN MOUNTED ON STRUCTURAL STEEL POST(S)
- TWO 18"X18" FLAGS, (INCIDENTAL TO SIGN, TYPE II, REFLECTIVE)
- 1-01 SIGN - NEW
- 1-01 SIGN - REMOVE
- 1-M1 SIGN - MOVE
- OVERHEAD SIGN

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET E

PRE_60

NOTE: ALL LIGHTING EQUIPMENT SHALL BE IN OPERATION BEGINNING WITH CONSTRUCTION STAGE 4 WITH THE EXCEPTION OF THE EQUIPMENT ON THE NORTH LEG NORTH OF STATION 216"NB"+00 AND THE EAST LEG EAST OF STATION 118"EB"+00. LIGHTING EQUIPMENT ON THE NORTH LEG SHALL BE INSTALLED IN STAGE 4 AND ON THE EAST LEG IN STAGE 5.

N

216"NB"+50 MATCHLINE

216"SB"+34, 31' LT
A-15-6-D-(L-13-0610-0018)

216"SB"+34, 31' LT
A-15-6-C-(L-13-0610-0018)

LB18

CTH I SB

CTH I NB

216"SB"

216"NB"

PB11

3"

LB17

PB9

215"NB"+99, 86' LT
III-A-8-6-D-(L-13-0610-0017)

216"SB"+04, 90' RT
III-A-15-6-C-(L-13-0610-0019)

LB19

PB10

CABINET WILL NEED TO BE POWERED FOR STAGE 4 OF CONSTRUCTION. THIS MAY REQUIRE A TEMPORARY SERVICE.

STH 19 WB / STH 113 NB

115"WB"+38, 8' RT
A-8-6-C-(L-13-0610-0013)

LB13

PB8

LB12

PB1

LB1

117"WB"+85, 42' LT
A-15-6-A-(L-13-0610-0001)

115"EB"+00 MATCHLINE

115"EB"+35, 28'LT
A-8-6-D-(L-13-0610-0012)

117"EB"+41, 26' LT
A-8-6-B-(L-13-0610-0002)

213"SB"+86, 32' LT
A-8-6-A-(L-13-0610-0010)

213"SB"+86, 32' LT
A-8-6-B-(L-13-0610-0010)

STH 19 EB

PB7

STH 113 SB

PB6

LB10

213"NB"+76, 18' LT
A-8-6-A-(L-13-0610-0007)

LB7

PB5

PB4

STH 113 SB

STH 113 NB

213"NB"+11, 35' RT
A-8-6-B-(L-13-0610-0006)

213"NB"+11, 35' RT
A-8-6-A-(L-13-0610-0006)

LB6

213"NB"+00 MATCHLINE

LB2

PB2

118"WB"

118"EB"

117"EB"+30, 35' RT
A-8-6-A-(L-13-0610-0005)

117"EB"+30, 35' RT
A-8-6-B-(L-13-0610-0005)

PB3

LB5

119"WB"+11, 11' RT
A-8-6-B-(L-13-0610-0003)

119"WB"+11, 11' RT
A-8-6-A-(L-13-0610-0003)

LB3

STH 19 WB

120"WB"

120"EB"

120"WB"+69, 15' RT
A-15-6-A-(L-13-0610-0004)

LB4

120"WB"+69, 15' RT
A-15-6-B-(L-13-0610-0004)

STH 19 EB

OH

INL

LIGHTING PLAN LEGEND

- DISTRIBUTION CENTER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- CONDUIT - 2" UNLESS OTHERWISE NOTED
- LIGHT POLE, ARM MOUNTED LUMINAIRE
- CONDUIT STUBOUT

119"WB"+11, 11' RT
A-8-6-B-(L-13-0610-0003)

- POLE NUMBER
- CIRCUIT NUMBER
- BASE TYPE
- MAST ARM BRACKET LENGTH IN FEET
- LED LAMP TYPE

HIGHWAY LIGHTING
STH 19 & STH 113 & CTH I
TOWN OF BURKE
DANE COUNTY

INST. NO. L13-0610

REGION CONTACT:
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PAGE 1 OF 4

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	LIGHTING PLAN	SHEET E

PRE_61

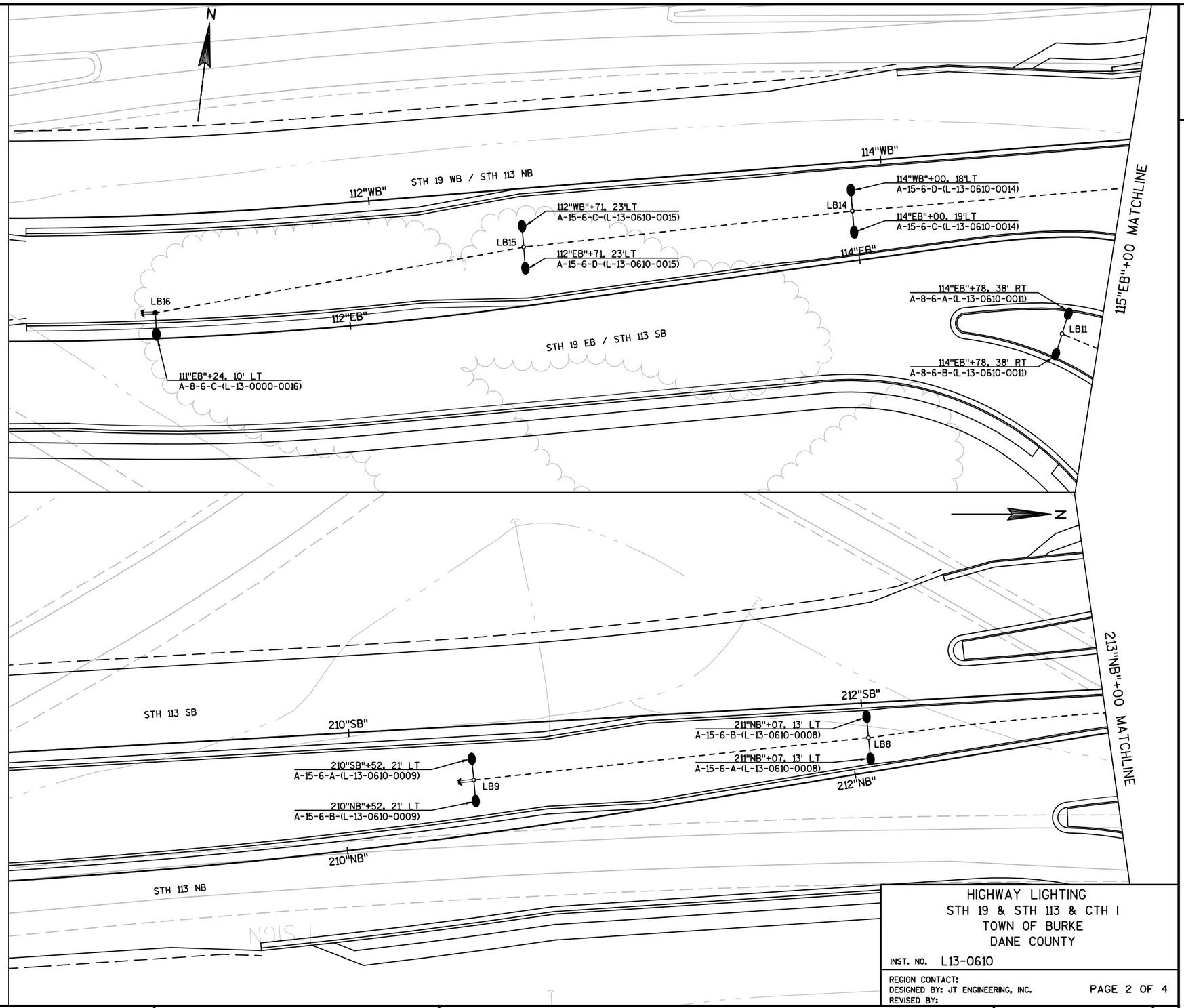
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LAYOUT NAME - 023501_LP

PLOT DATE : 7/22/2016 11:44 AM PLOT BY : JAMES PAVELSKI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LIGHTING PLAN LEGEND

- CONDUIT - 2" UNLESS OTHERWISE NOTED
- LIGHT POLE, ARM MOUNTED LUMINAIRE
- CONDUIT STUBOUT
- 119"WB"+11, 11' RT / A-8-6-2-(L-13-0610-0003)
  - POLE NUMBER
  - CIRCUIT NUMBER
  - BASE TYPE
  - MAST ARM BRACKET LENGTH IN FEET
  - LED LAMP TYPE



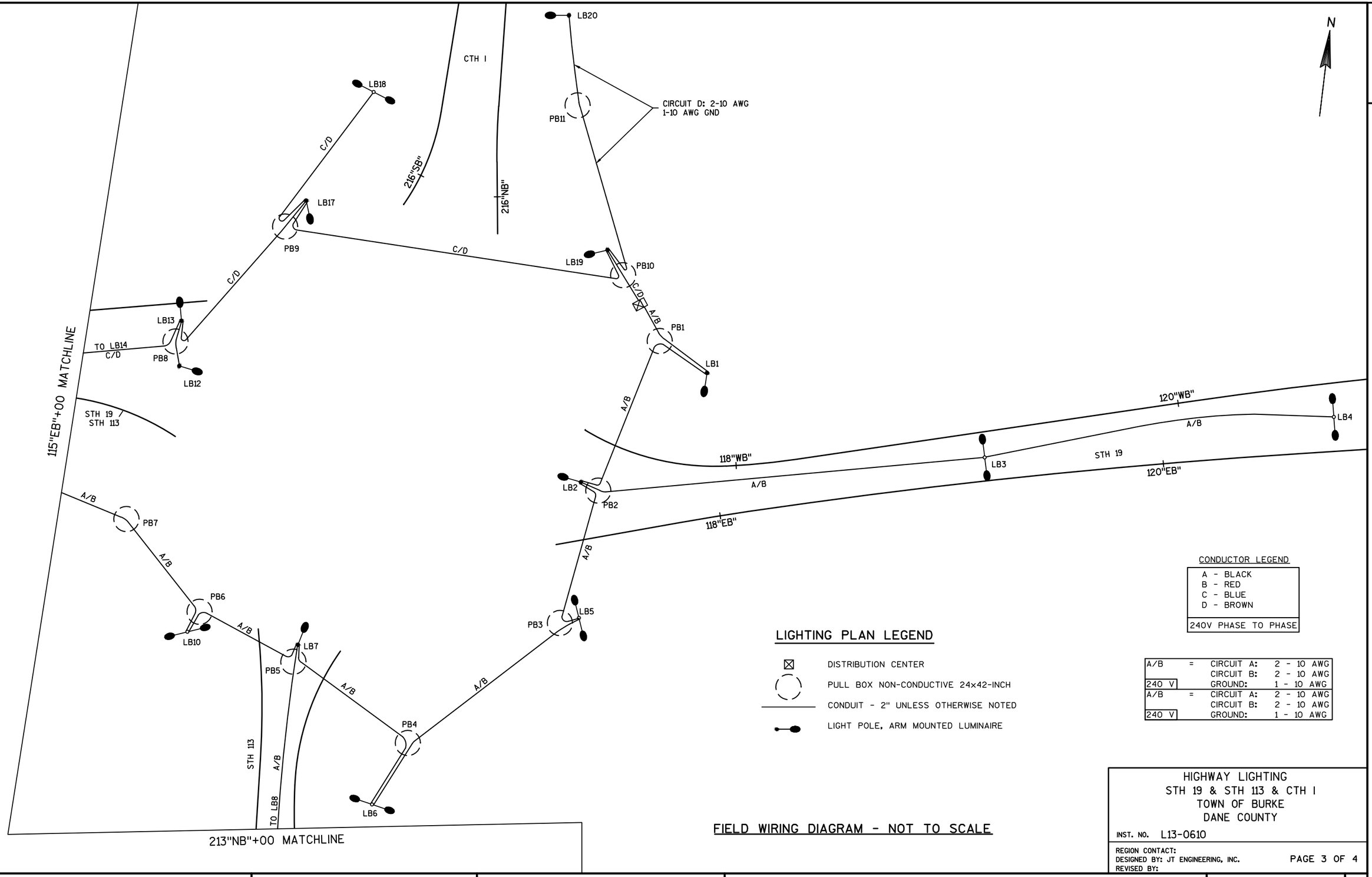
HIGHWAY LIGHTING
STH 19 & STH 113 & CTH I
TOWN OF BURKE
DANE COUNTY

INST. NO. L13-0610

REGION CONTACT:
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	LIGHTING PLAN	SHEET E

FILE NAME : X:\PROJECTS\DANE\5290-02-00 STH 113 INTERSECTION\DESIGN\C3D\SHEETSPLAN\023501_LP.DWG
LAYOUT NAME - 023502_LP
PLOT DATE : 7/22/2016 11:44 AM PLOT BY : JAMES PAVELSKI PLOT NAME : PLOT SCALE : **********
PRE_62
WISDOT/CADDS SHEET 42



CONDUCTOR LEGEND

A - BLACK
B - RED
C - BLUE
D - BROWN
240V PHASE TO PHASE

LIGHTING PLAN LEGEND

- DISTRIBUTION CENTER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- CONDUIT - 2" UNLESS OTHERWISE NOTED
- LIGHT POLE, ARM MOUNTED LUMINAIRE

A/B	=	CIRCUIT A:	2 - 10 AWG
		CIRCUIT B:	2 - 10 AWG
240 V		GROUND:	1 - 10 AWG
A/B	=	CIRCUIT A:	2 - 10 AWG
		CIRCUIT B:	2 - 10 AWG
240 V		GROUND:	1 - 10 AWG

FIELD WIRING DIAGRAM - NOT TO SCALE

HIGHWAY LIGHTING
STH 19 & STH 113 & CTH I
TOWN OF BURKE
DANE COUNTY

INST. NO. L13-0610

REGION CONTACT:
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	LIGHTING PLAN	SHEET E

FILE NAME : X:\PROJECTS\DANE\5290-02-00 STH 113 INTERSECTION\DESIGN\C3D\SHEETSPLAN\023501_LP.DWG
LAYOUT NAME - 023503_LP

PLOT DATE : 7/22/2016 11:45 AM PLOT BY : JAMES PAVELSKI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

FIELD WIRING DIAGRAM - NOT TO SCALE

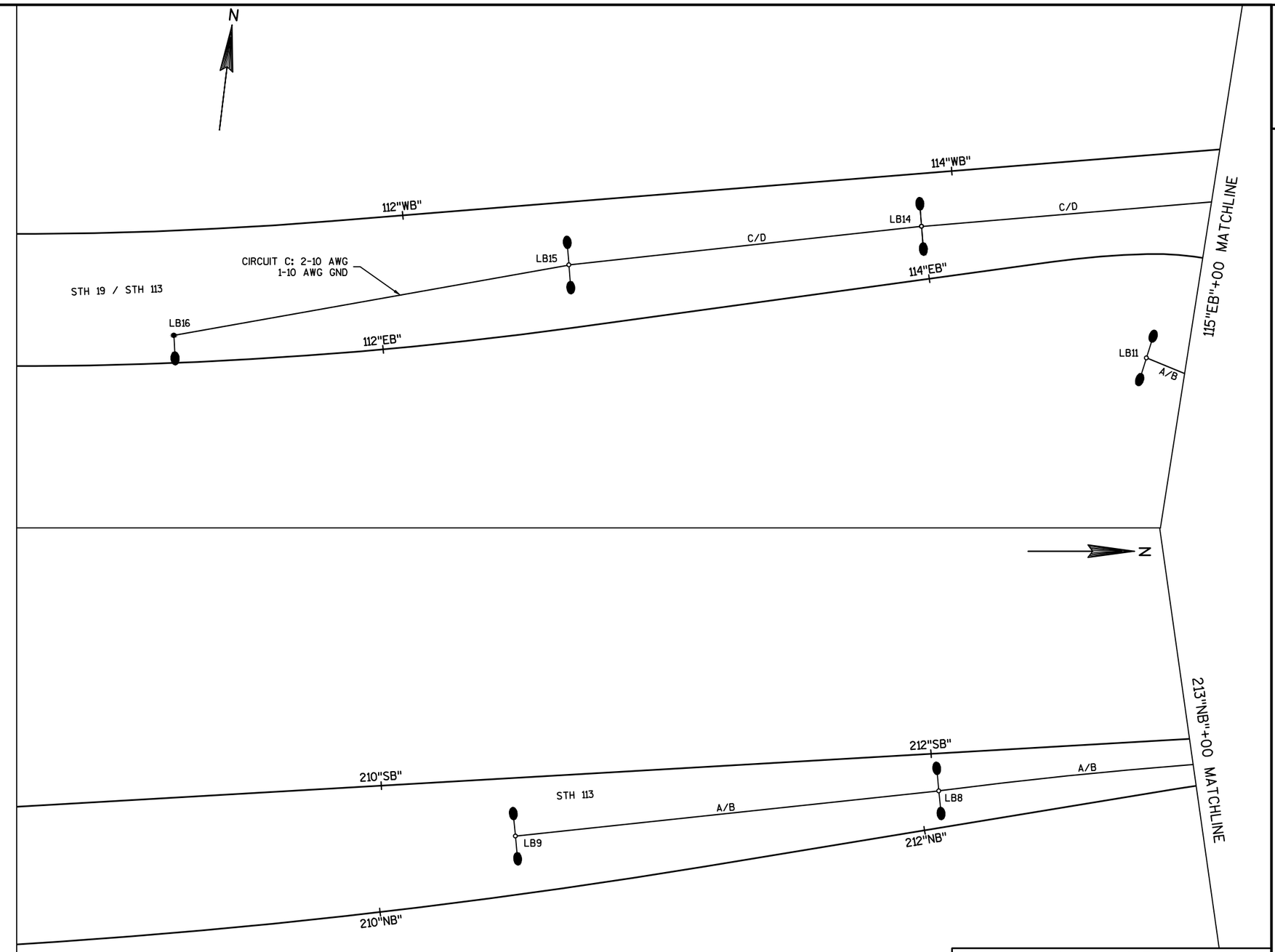
LIGHTING PLAN LEGEND

- DISTRIBUTION CENTER
- PULL BOX NON-CONDUCTIVE 24x42-INCH
- CONDUIT - 2" UNLESS OTHERWISE NOTED
- LIGHT POLE, ARM MOUNTED LUMINAIRE

CONDUCTOR LEGEND

A - BLACK B - RED C - BLUE D - BROWN
240V PHASE TO PHASE

A/B	=	CIRCUIT A:	2 - 10 AWG
		CIRCUIT B:	2 - 10 AWG
240 V		GROUND:	1 - 10 AWG
A/B	=	CIRCUIT A:	2 - 10 AWG
		CIRCUIT B:	2 - 10 AWG
240 V		GROUND:	1 - 10 AWG



HIGHWAY LIGHTING
STH 19 & STH 113 & CTH I
TOWN OF BURKE
DANE COUNTY

INST. NO. L13-0610

REGION CONTACT:
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PAGE 4 OF 4

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	LIGHTING PLAN	SHEET E

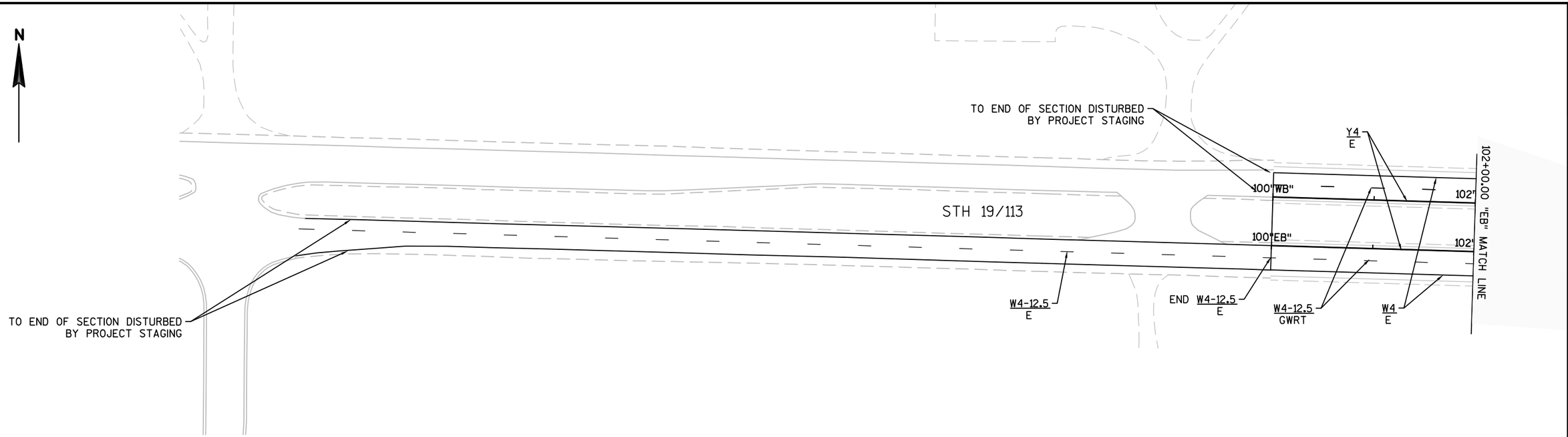
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LAYOUT NAME - 023504_LP

PLOT DATE : 7/22/2016 11:45 AM PLOT BY : JAMES PAVELSKI PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

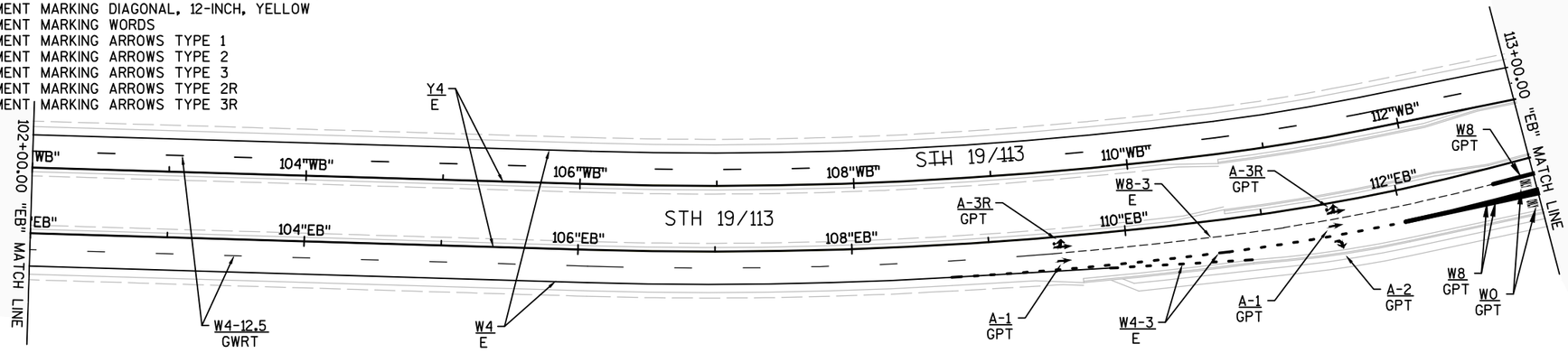


MARKING

CBY	PAVEMENT MARKING CURB, YELLOW
INY	PAVEMENT MARKING ISLAND NOSE, YELLOW
W4	PAVEMENT MARKING 4-INCH, WHITE
W4-3	PAVEMENT MARKING 4-INCH, WHITE, 3' SEG., 9' GAP
W4-12.5	PAVEMENT MARKING 4-INCH, WHITE, 12.5' SEG., 37.5' GAP
Y4	PAVEMENT MARKING 4-INCH, YELLOW
DY4	PAVEMENT MARKING 4-INCH, DOUBLE YELLOW
Y4-12.5	PAVEMENT MARKING 4-INCH, YELLOW, 12.5' SEG., 37.5' GAP
W6	PAVEMENT MARKING 6-INCH, WHITE
W8	PAVEMENT MARKING 8-INCH, WHITE
W8-1	PAVEMENT MARKING 8-INCH, WHITE, 1' SEG., 3' GAP
W8-3	PAVEMENT MARKING 8-INCH, WHITE, 3' SEG., 9' GAP
W8-6	PAVEMENT MARKING 8-INCH, WHITE, 6' SEG., 3' GAP
W12	PAVEMENT MARKING 12-INCH, CHEVRONS, 25-FT SPACING
W18-2	PAVEMENT MARKING 18-INCH WHITE, 2' SEG., 2' GAP
DY12	PAVEMENT MARKING DIAGONAL, 12-INCH, YELLOW
WO	PAVEMENT MARKING WORDS
A-1	PAVEMENT MARKING ARROWS TYPE 1
A-2	PAVEMENT MARKING ARROWS TYPE 2
A-3	PAVEMENT MARKING ARROWS TYPE 3
A-2R	PAVEMENT MARKING ARROWS TYPE 2R
A-3R	PAVEMENT MARKING ARROWS TYPE 3R

MATERIAL

E	EPOXY
GPT	GROOVED PREFORMED THERMOPLASTIC
GWRT	GROOVED WET REFLECTIVE TAPE



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET E

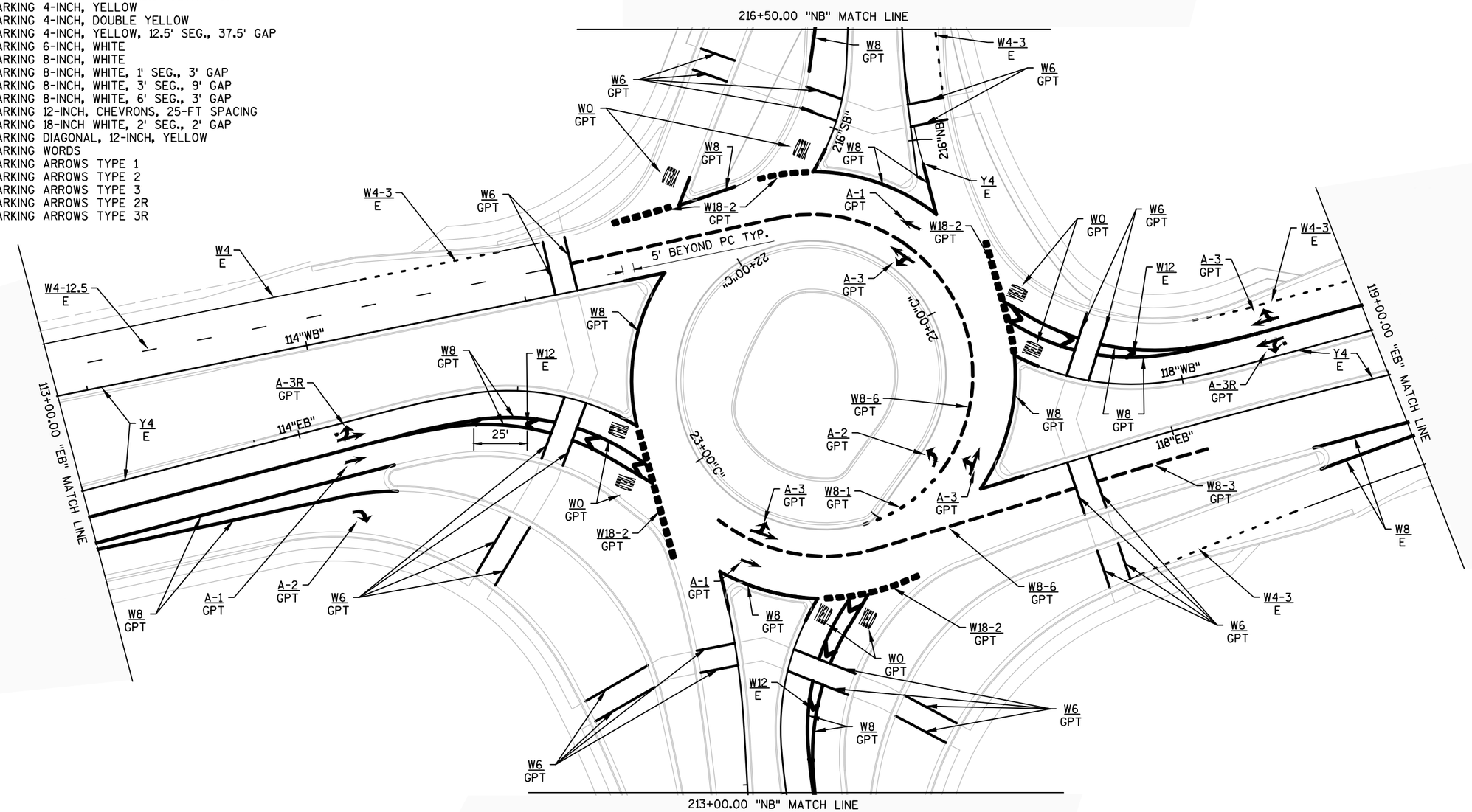
PRE_65

MARKING

CBY	PAVEMENT MARKING CURB, YELLOW
INY	PAVEMENT MARKING ISLAND NOSE, YELLOW
W4	PAVEMENT MARKING 4-INCH, WHITE
W4-3	PAVEMENT MARKING 4-INCH, WHITE, 3' SEG., 9' GAP
W4-12.5	PAVEMENT MARKING 4-INCH, WHITE, 12.5' SEG., 37.5' GAP
Y4	PAVEMENT MARKING 4-INCH, YELLOW
DY4	PAVEMENT MARKING 4-INCH, DOUBLE YELLOW
Y4-12.5	PAVEMENT MARKING 4-INCH, YELLOW, 12.5' SEG., 37.5' GAP
W6	PAVEMENT MARKING 6-INCH, WHITE
W8	PAVEMENT MARKING 8-INCH, WHITE
W8-1	PAVEMENT MARKING 8-INCH, WHITE, 1' SEG., 3' GAP
W8-3	PAVEMENT MARKING 8-INCH, WHITE, 3' SEG., 9' GAP
W8-6	PAVEMENT MARKING 8-INCH, WHITE, 6' SEG., 3' GAP
W12	PAVEMENT MARKING 12-INCH, CHEVRONS, 25-FT SPACING
W18-2	PAVEMENT MARKING 18-INCH WHITE, 2' SEG., 2' GAP
DY12	PAVEMENT MARKING DIAGONAL, 12-INCH, YELLOW
WO	PAVEMENT MARKING WORDS
A-1	PAVEMENT MARKING ARROWS TYPE 1
A-2	PAVEMENT MARKING ARROWS TYPE 2
A-3	PAVEMENT MARKING ARROWS TYPE 3
A-2R	PAVEMENT MARKING ARROWS TYPE 2R
A-3R	PAVEMENT MARKING ARROWS TYPE 3R

MATERIAL

E	EPOXY
GPT	GROOVED PREFORMED THERMOPLASTIC
GWRT	GROOVED WET REFLECTIVE TAPE



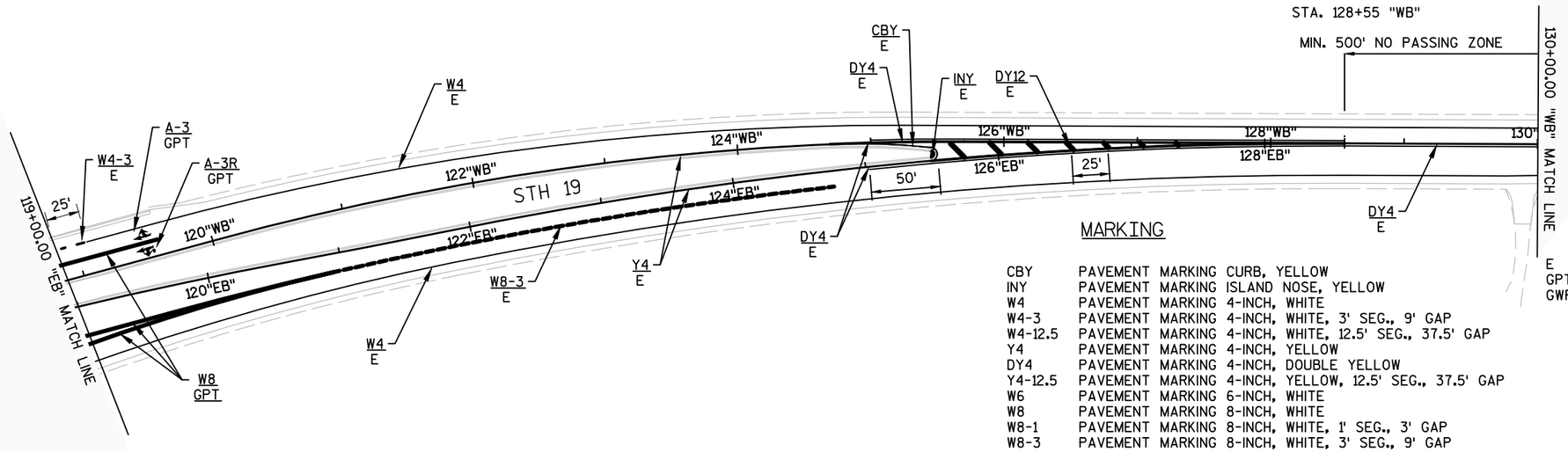
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	ROUNDABOUT PAVEMENT MARKING	SHEET E

PRE_66

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 024501_PM - 024502_PM

PLOT DATE : 6/27/2016 3:31 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



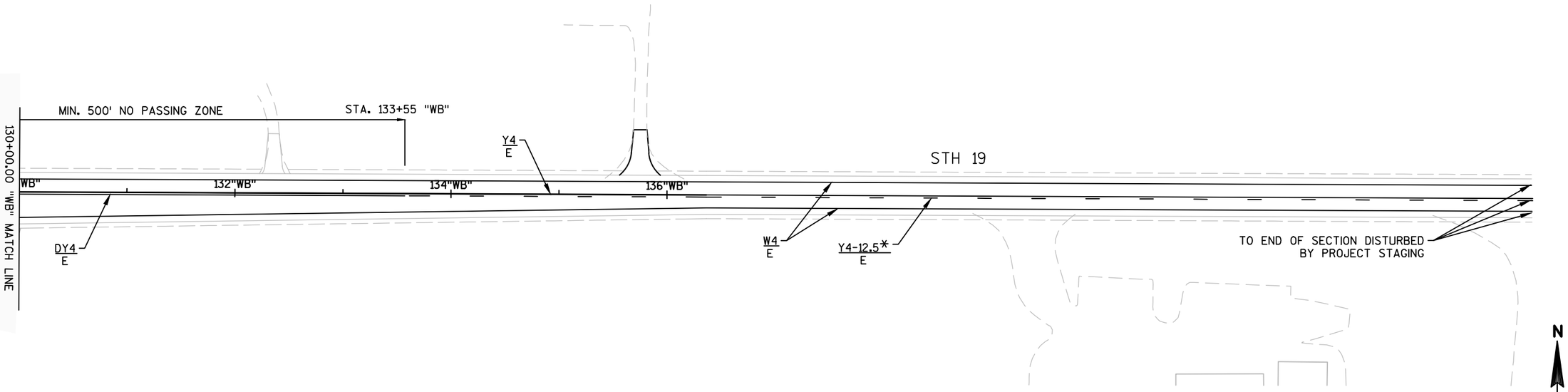
MARKING

CBY	PAVEMENT MARKING CURB, YELLOW
INY	PAVEMENT MARKING ISLAND NOSE, YELLOW
W4	PAVEMENT MARKING 4-INCH, WHITE
W4-3	PAVEMENT MARKING 4-INCH, WHITE, 3' SEG., 9' GAP
W4-12.5	PAVEMENT MARKING 4-INCH, WHITE, 12.5' SEG., 37.5' GAP
Y4	PAVEMENT MARKING 4-INCH, YELLOW
DY4	PAVEMENT MARKING 4-INCH, DOUBLE YELLOW
Y4-12.5	PAVEMENT MARKING 4-INCH, YELLOW, 12.5' SEG., 37.5' GAP
W6	PAVEMENT MARKING 6-INCH, WHITE
W8	PAVEMENT MARKING 8-INCH, WHITE
W8-1	PAVEMENT MARKING 8-INCH, WHITE, 1' SEG., 3' GAP
W8-3	PAVEMENT MARKING 8-INCH, WHITE, 3' SEG., 9' GAP
W8-6	PAVEMENT MARKING 8-INCH, WHITE, 6' SEG., 3' GAP
W12	PAVEMENT MARKING 12-INCH, CHEVRONS, 25-FT SPACING
W18-2	PAVEMENT MARKING 18-INCH WHITE, 2' SEG., 2' GAP
DY12	PAVEMENT MARKING DIAGONAL, 12-INCH, YELLOW
WO	PAVEMENT MARKING WORDS
A-1	PAVEMENT MARKING ARROWS TYPE 1
A-2	PAVEMENT MARKING ARROWS TYPE 2
A-3	PAVEMENT MARKING ARROWS TYPE 3
A-2R	PAVEMENT MARKING ARROWS TYPE 2R
A-3R	PAVEMENT MARKING ARROWS TYPE 3R

MATERIAL

E	EPOXY
GPT	GROOVED PREFORMED THERMOPLASTIC
GWRT	GROOVED WET REFLECTIVE TAPE

N



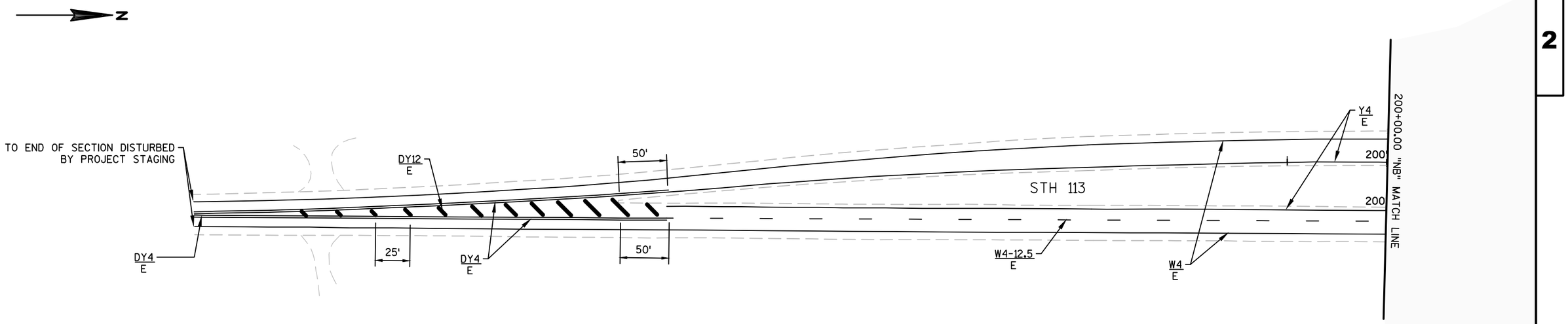
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*CONFIRM BY LOCATING NO PASSING ZONES

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET E

PRE_67

2

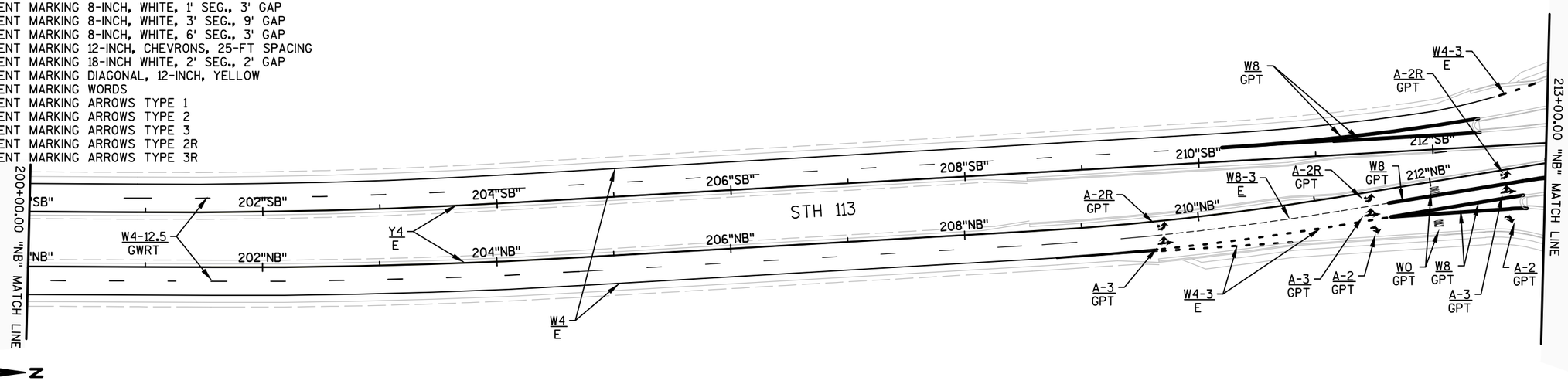


MARKING

CBY	PAVEMENT MARKING CURB, YELLOW
INY	PAVEMENT MARKING ISLAND NOSE, YELLOW
W4	PAVEMENT MARKING 4-INCH, WHITE
W4-3	PAVEMENT MARKING 4-INCH, WHITE, 3' SEG., 9' GAP
W4-12.5	PAVEMENT MARKING 4-INCH, WHITE, 12.5' SEG., 37.5' GAP
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DY4	PAVEMENT MARKING 4-INCH, DOUBLE YELLOW
Y4-12.5	PAVEMENT MARKING 4-INCH, YELLOW, 12.5' SEG., 37.5' GAP
W6	PAVEMENT MARKING 6-INCH, WHITE
W8	PAVEMENT MARKING 8-INCH, WHITE
W8-1	PAVEMENT MARKING 8-INCH, WHITE, 1' SEG., 3' GAP
W8-3	PAVEMENT MARKING 8-INCH, WHITE, 3' SEG., 9' GAP
W8-6	PAVEMENT MARKING 8-INCH, WHITE, 6' SEG., 3' GAP
W12	PAVEMENT MARKING 12-INCH, CHEVRONS, 25-FT SPACING
W18-2	PAVEMENT MARKING 18-INCH WHITE, 2' SEG., 2' GAP
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A-1	PAVEMENT MARKING ARROWS TYPE 1
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A-3	PAVEMENT MARKING ARROWS TYPE 3
A-2R	PAVEMENT MARKING ARROWS TYPE 2R
A-3R	PAVEMENT MARKING ARROWS TYPE 3R

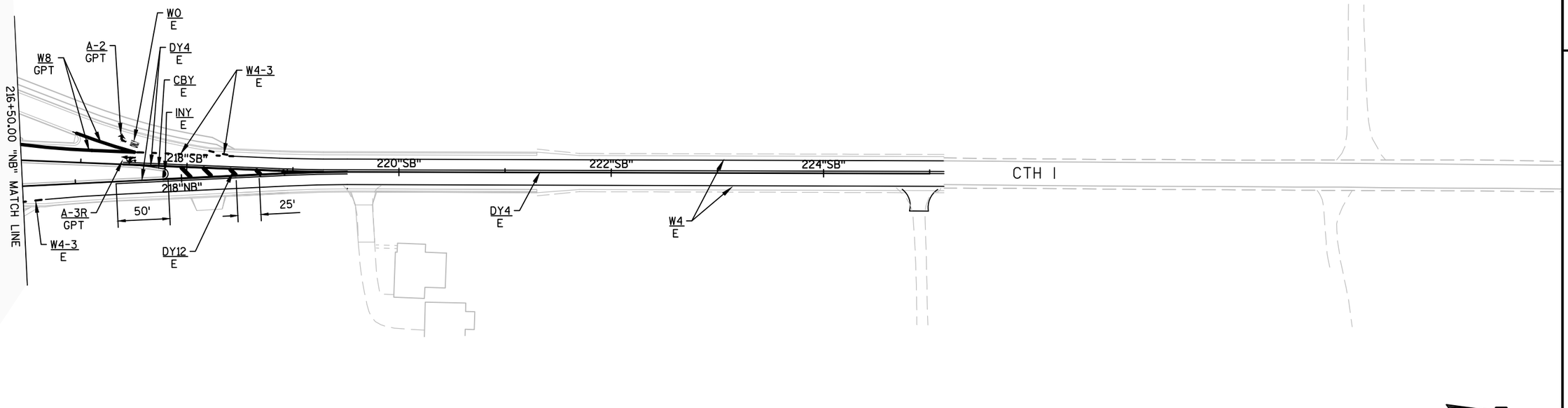
MATERIAL

E	EPOXY
GPT	GROOVED PREFORMED THERMOPLASTIC
GWRT	GROOVED WET REFLECTIVE TAPE



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET E

PRE_68



2

MARKING

CBY	PAVEMENT MARKING CURB, YELLOW
INY	PAVEMENT MARKING ISLAND NOSE, YELLOW
W4	PAVEMENT MARKING 4-INCH, WHITE
W4-3	PAVEMENT MARKING 4-INCH, WHITE, 3' SEG., 9' GAP
W4-12.5	PAVEMENT MARKING 4-INCH, WHITE, 12.5' SEG., 37.5' GAP
Y4	PAVEMENT MARKING 4-INCH, YELLOW
DY4	PAVEMENT MARKING 4-INCH, DOUBLE YELLOW
Y4-12.5	PAVEMENT MARKING 4-INCH, YELLOW, 12.5' SEG., 37.5' GAP
W6	PAVEMENT MARKING 6-INCH, WHITE
W8	PAVEMENT MARKING 8-INCH, WHITE
W8-1	PAVEMENT MARKING 8-INCH, WHITE, 1' SEG., 3' GAP
W8-3	PAVEMENT MARKING 8-INCH, WHITE, 3' SEG., 9' GAP
W8-6	PAVEMENT MARKING 8-INCH, WHITE, 6' SEG., 3' GAP
W12	PAVEMENT MARKING 12-INCH, CHEVRONS, 25-FT SPACING
W18-2	PAVEMENT MARKING 18-INCH WHITE, 2' SEG., 2' GAP
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WO	PAVEMENT MARKING WORDS
A-1	PAVEMENT MARKING ARROWS TYPE 1
A-2	PAVEMENT MARKING ARROWS TYPE 2
A-3	PAVEMENT MARKING ARROWS TYPE 3
A-2R	PAVEMENT MARKING ARROWS TYPE 2R
A-3R	PAVEMENT MARKING ARROWS TYPE 3R

MATERIAL

E	EPOXY
GPT	GROOVED PREFORMED THERMOPLASTIC
GWRT	GROOVED WET REFLECTIVE TAPE

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\024502_PM.DWG
LAYOUT NAME - 024502_PM - 024505_PM
PLOT DATE : 6/27/2016 3:31 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

GENERAL NOTES FOR TRAFFIC CONTROL

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

2) CONFLICTING TRAFFIC SIGNS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

3) A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE WORK AREAS IF WARRANTED BY CONDITIONS OR AS DIRECTED BY THE ENGINEER.

4) ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

5) FOR NIGHTTIME OPERATION, ALL DRUMS IN TAPERS SHALL HAVE A TYPE "C" WARNING LIGHT.

6) ALL TYPE III BARRICADES WITH SIGNS SHALL BE 8' WIDE, UNLESS OTHERWISE NOTED, AND EQUIPPED WITH TWO TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

7) ALL TEMPORARY PAVEMENT SHALL CONSIST OF 4 INCHES OF ASPHALTIC SURFACE TEMPORARY, OVER 6 INCHES OF BASE AGGREGATE DENSE OVER 12 INCHES OF SELECT CRUSH.

8) ALL TEMPORARY PAVEMENT MARKINGS ON PERMANENT PAVEMENT SHALL BE REMOVABLE TAPE.

9) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.

10) BARRICADE STRIPES ARE TO BE SLOPED DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.

11) ALL TRAFFIC CONTROL DRUMS AND TUBULAR MARKERS ARE SPACED AT 50-FEET UNLESS OTHERWISE NOTED.

12) SEE STORM SEWER PLANS FOR STORM SEWER STAGING INFORMATION.

WORK ZONE PAVEMENT MARKINGS

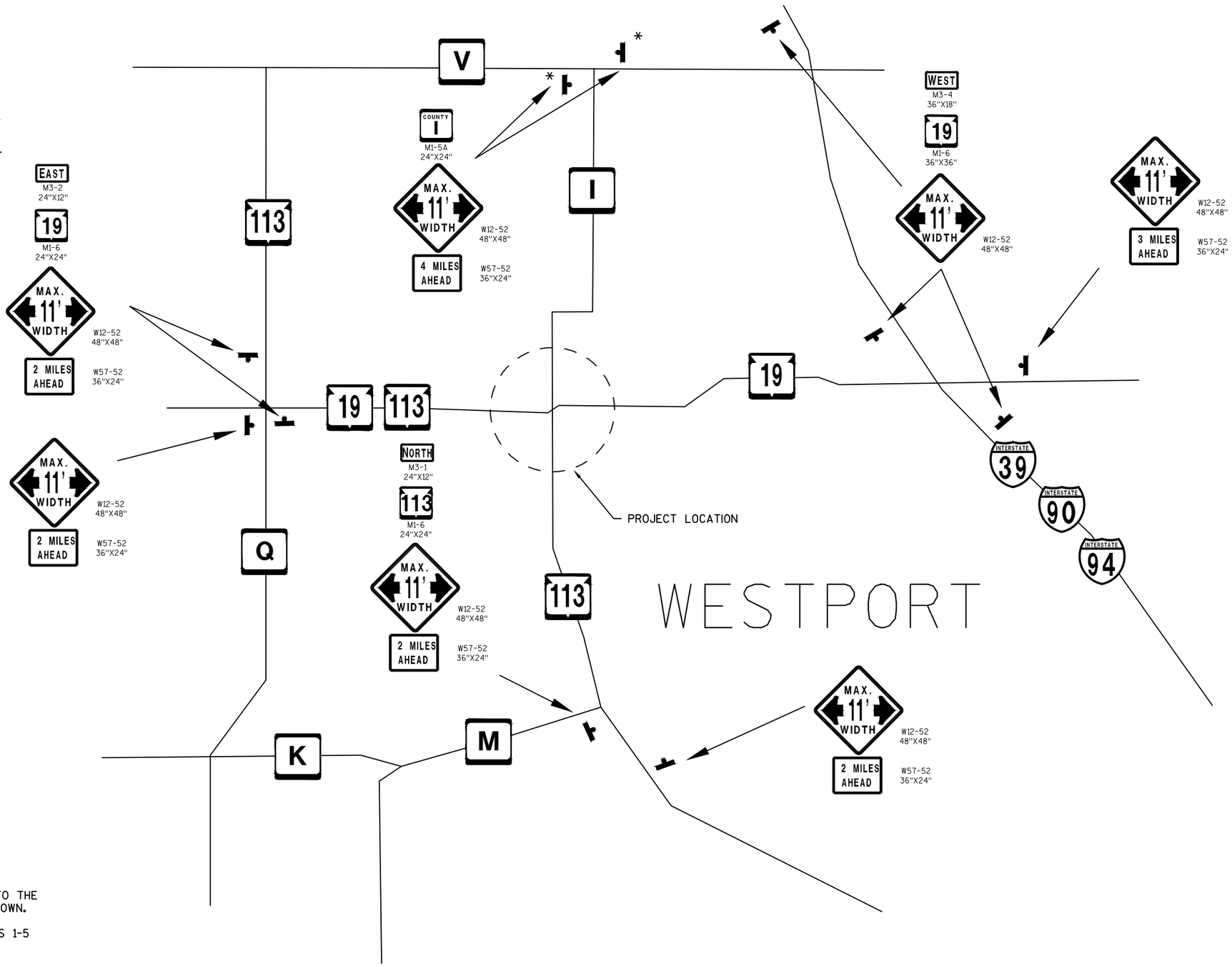
DY	CONTINUOUS DOUBLE YELLOW, 4-INCH	TPM	TEMPORARY PAVEMENT MARKING PAINT
W	CONTINUOUS WHITE, 4-INCH	TPMRT	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE
DW	CONTINUOUS WHITE, 12-INCH DIAGONAL	TPMAP	TEMPORARY PAVEMENT MARKING ARROWS PAINT
SB	STOP BAR, WHITE, 12-INCH	RPM	REMOVE PAVEMENT MARKING
A1	ARROW TYPE 1		
A2	ARROW TYPE 2		

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- (A) TYPE A WARNING LIGHT (FLASHING)
- (B) TYPE B WARNING LIGHT (HIGH INTENSITY FLASHING)
- (C) TYPE C WARNING LIGHT (STEADY BURN)
- WORK AREA
- TEMPORARY RAISED PAVEMENT MARKER (ONE WAY REFLECTOR)
- TEMPORARY RAISED PAVEMENT MARKER (TWO WAY REFLECTOR)
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVE PAVEMENT MARKING
- TEMPORARY CRASH CUSHION
- TEMPORARY SIGNAL POLE

2

WAUNAKEE



NOTES:

PLACE ADVANCED SIGNING PRIOR TO THE INTERSECTION/INTERCHANGE AS SHOWN.

MAINTAIN SIGNING THROUGH STAGES 1-5 OF CONSTRUCTION.

* REMOVE SIGNS DURING CTH I DETOUR

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY:DANE	TRAFFIC CONTROL - ADVANCED SIGNING	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\TRAFFIC CONTROL ADVANCED SIGNING.DWG PLOT DATE : 6/27/2016 3:31 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : ---------- PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

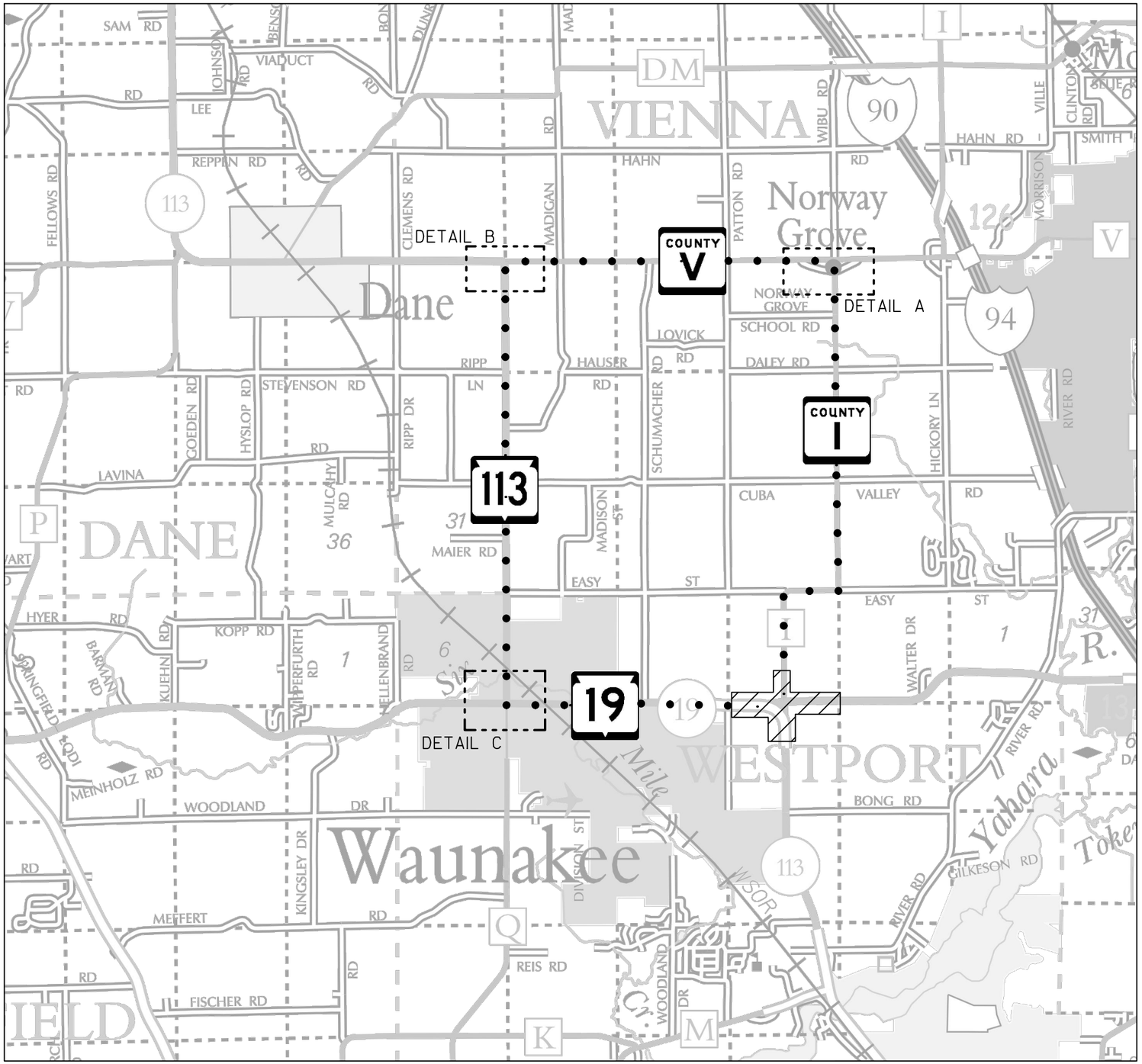
LEGEND

DETOUR ROUTE

WORK AREA

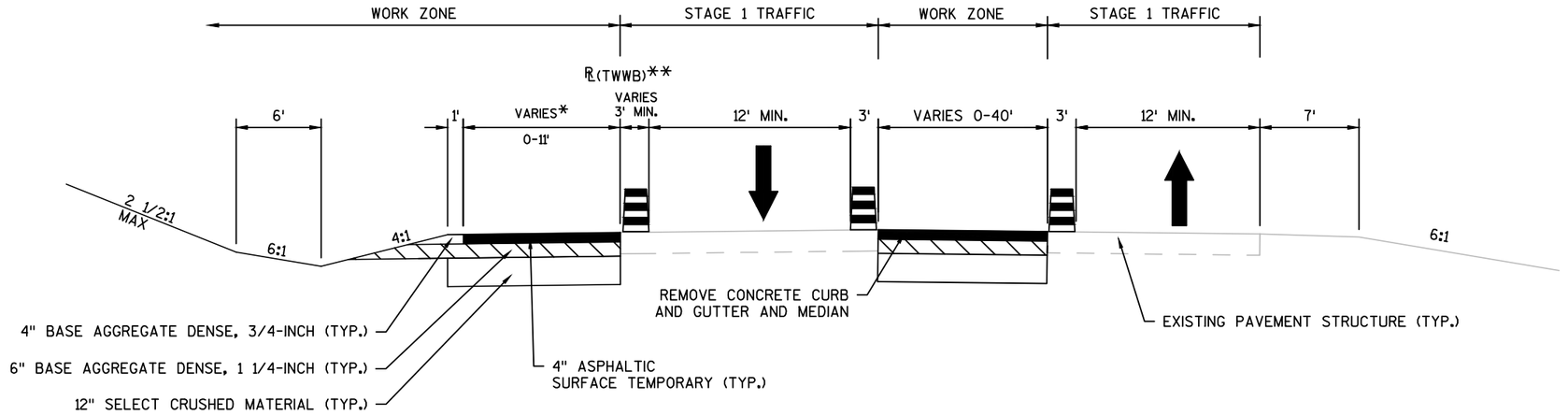
DETOUR CTH I FOR STAGES 3 AND 4.

N



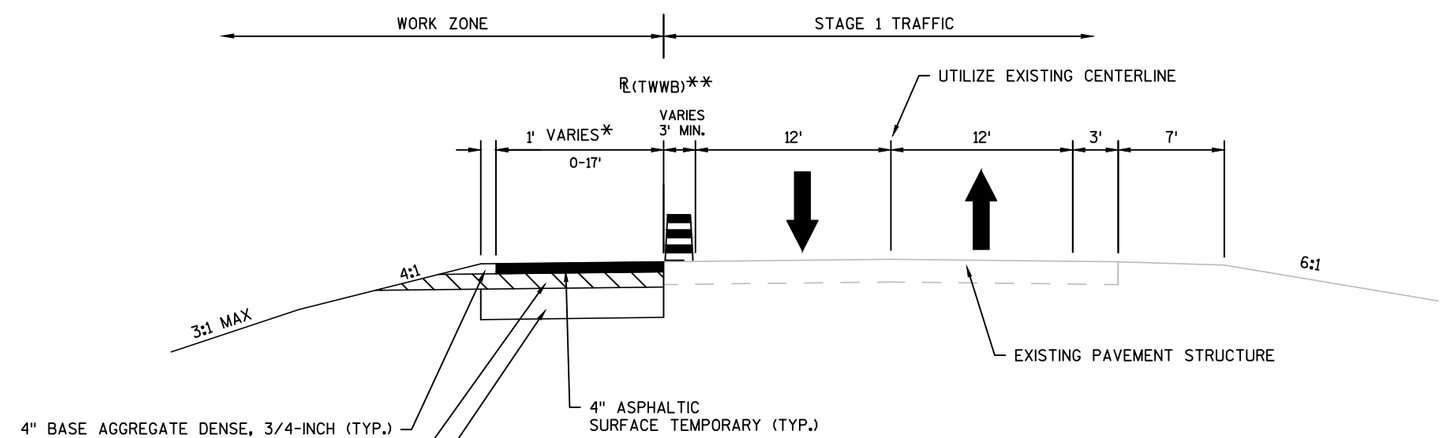
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	DETOUR PLAN OVERVIEW SHEET	SHEET E

PRE_72



STAGE 1 TYPICAL SECTION

STH 19 MEDIAN SECTION
STA. 704+10 - 713+90 "TWWB"
*SEE CROSS SECTIONS - TEMPORARY ASPHALT WIDTHS SHOWN ON TWWB CROSS SECTIONS
** SEE STAGE 1 TEMPORARY WIDENING WESTBOUND ALIGNMENT DETAIL

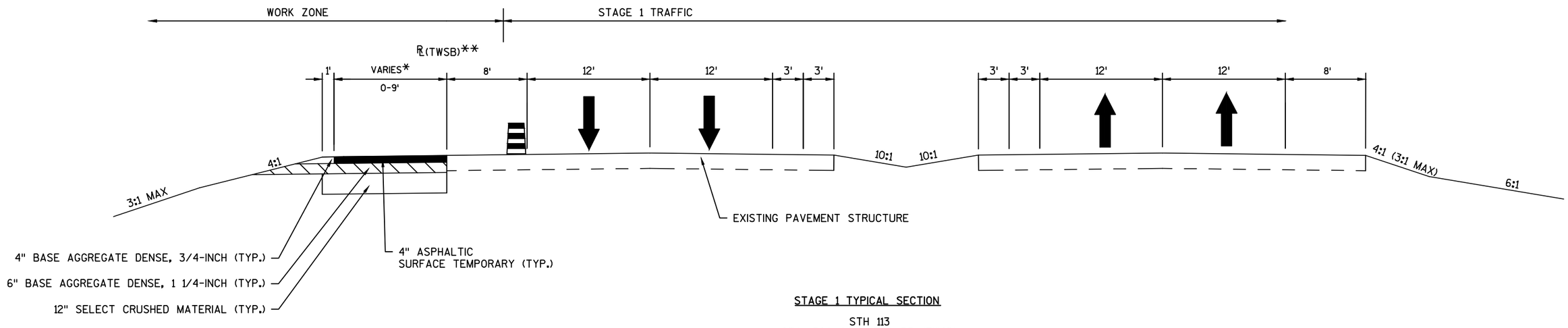


STAGE 1 TYPICAL SECTION

STH 19
STA. 717+00 -740+00 "TWWB"
* SEE CROSS SECTIONS - TEMPORARY ASPHALT WIDTHS SHOWN ON TWWB CROSS SECTIONS
** SEE STAGE 1 TEMPORARY WESTBOUND WIDENING ALIGNMENT DETAIL

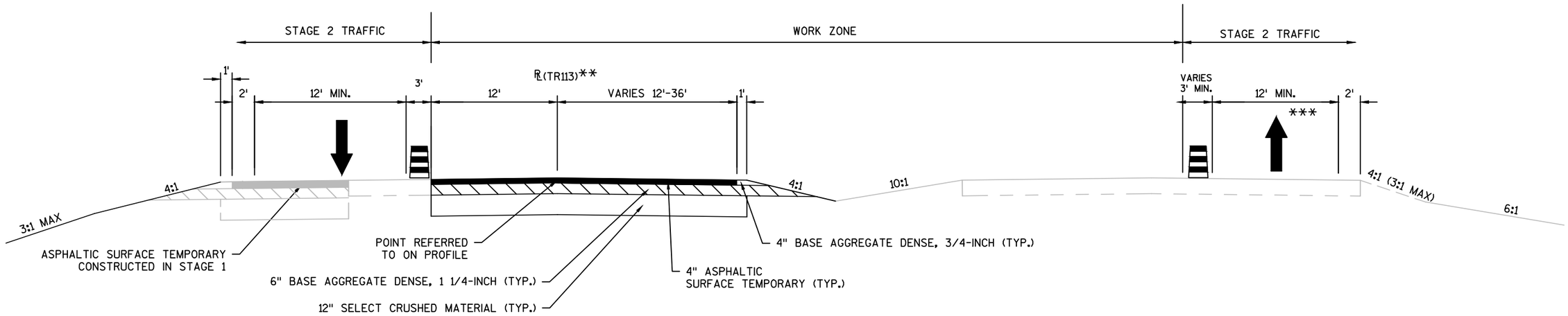
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGING TYPICAL SECTION	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\TRAFFIC CONTROL TS.DWG PLOT DATE : 6/27/2016 3:32 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : ---------- PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STAGE 1 TYPICAL SECTION

STH 113
STA. 700+00 - 708+75 "TWSB"
* SEE CROSS SECTIONS - TEMPORARY ASPHALT WIDTHS SHOWN ON TWSB CROSS SECTIONS
** SEE STAGE 1 TEMPORARY WIDENING SOUTHBOUND ALIGNMENT DETAIL

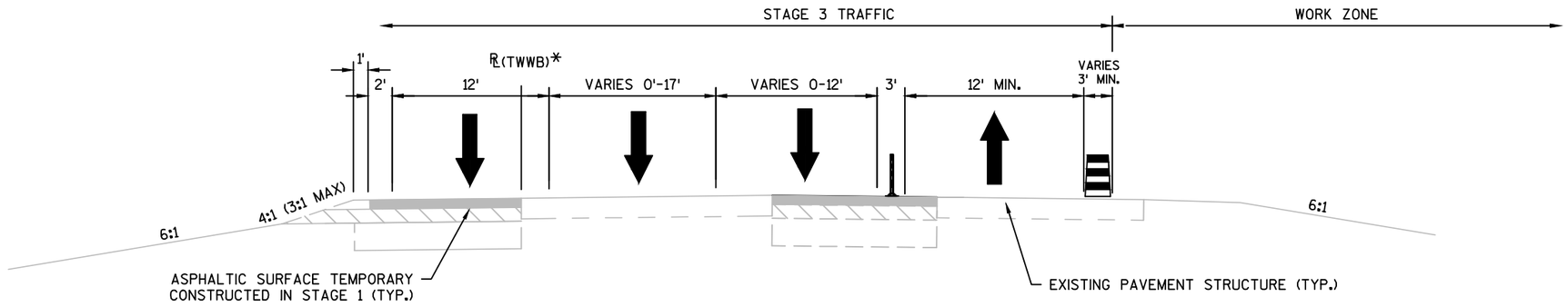


STAGE 2A AND 2B TYPICAL SECTION

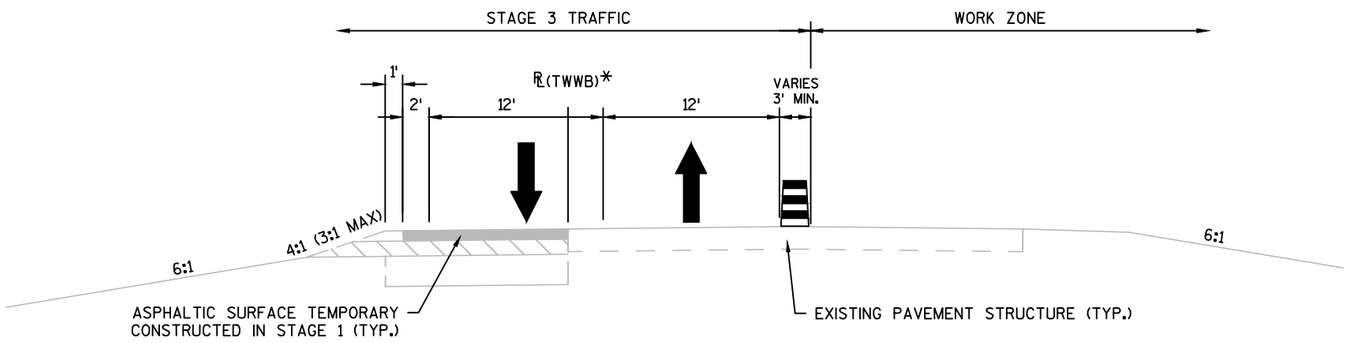
STH 113
STA. 800+00 - 807+40 "TR113"
* SEE CROSS SECTIONS - TEMPORARY ASPHALT WIDTHS SHOWN ON TR2 CROSS SECTIONS
** SEE STAGE 2 TEMPORARY ROADWAY ALIGNMENT AND PROFILE DATA
*** SHIFT NB TRAFFIC AS NECESSARY TO CONSTRUCT TEMPORARY ROADWAY. MAINTAIN 12' DRIVING LANE.

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGING TYPICAL SECTION	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\TRAFFIC CONTROL TS.DWG PLOT DATE : 6/27/2016 3:32 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : ---------- PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STAGE 3 TYPICAL SECTION
STH 19/113
STA. 708+00 - 713+00 "TWWB"
* SEE STAGE 1 TEMPORARY WESTBOUND WIDENING ALIGNMENT DETAIL



STAGE 3 TYPICAL SECTION
STH 19
STA. 711+16 - 738+37 "TW19"
* SEE STAGE 1 TEMPORARY WESTBOUND WIDENING ALIGNMENT DETAIL

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGING TYPICAL SECTIONS	SHEET E

STAGE 1 TRAFFICP:

STH 19/113: MAINTAIN EXISTING TRAFFIC, WITH CLOSED SHOULDERS ADJACENT TO WORK ZONES.

STH 19: MAINTAIN EXISTING TRAFFIC, WITH CLOSED SHOULDERS ADJACENT TO WORK ZONES.

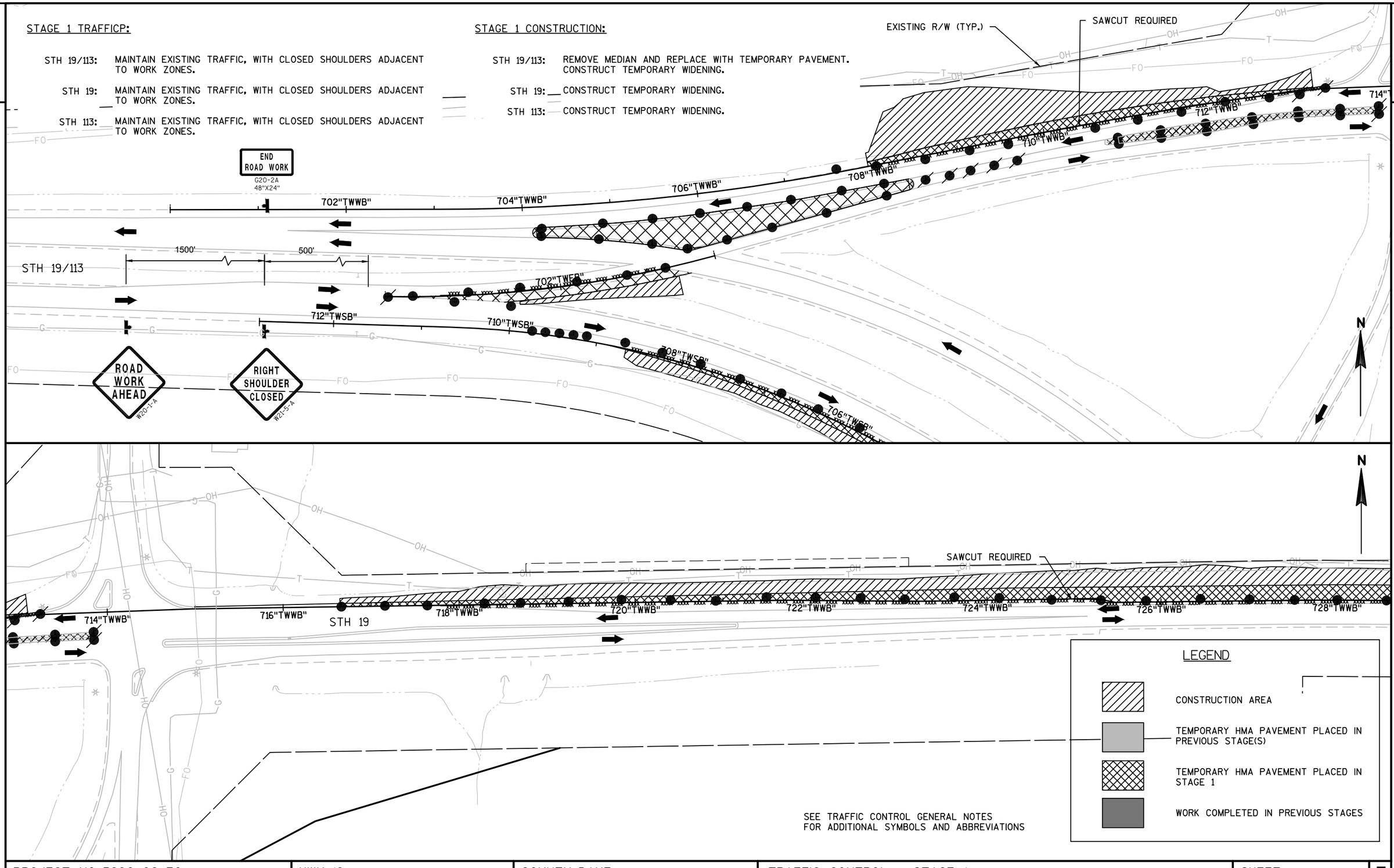
STH 113: MAINTAIN EXISTING TRAFFIC, WITH CLOSED SHOULDERS ADJACENT TO WORK ZONES.

STAGE 1 CONSTRUCTION:

STH 19/113: REMOVE MEDIAN AND REPLACE WITH TEMPORARY PAVEMENT. CONSTRUCT TEMPORARY WIDENING.

STH 19: CONSTRUCT TEMPORARY WIDENING.

STH 113: CONSTRUCT TEMPORARY WIDENING.



LEGEND

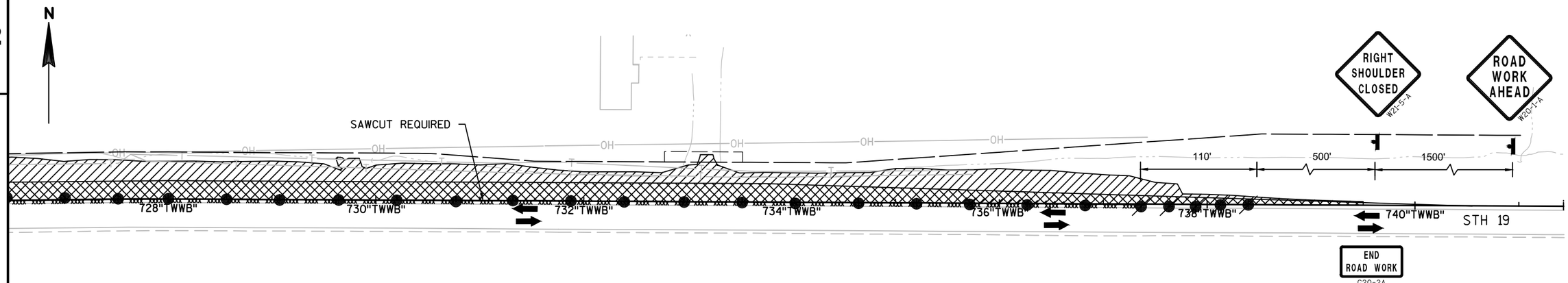
- CONSTRUCTION AREA
- TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN STAGE 1
- WORK COMPLETED IN PREVIOUS STAGES

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PROJECT NO: 5290-02-70	HWY: 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1	SHEET E

PRE_76

2



STAGE 1 TRAFFIC:

STH 19/113: MAINTAIN EXISTING TRAFFIC, WITH CLOSED SHOULDERS ADJACENT TO WORK ZONES.

STH 19: MAINTAIN EXISTING TRAFFIC, WITH CLOSED SHOULDERS ADJACENT TO WORK ZONES.

STH 113: MAINTAIN EXISTING TRAFFIC, WITH CLOSED SHOULDERS ADJACENT TO WORK ZONES.

CTH I: N/A

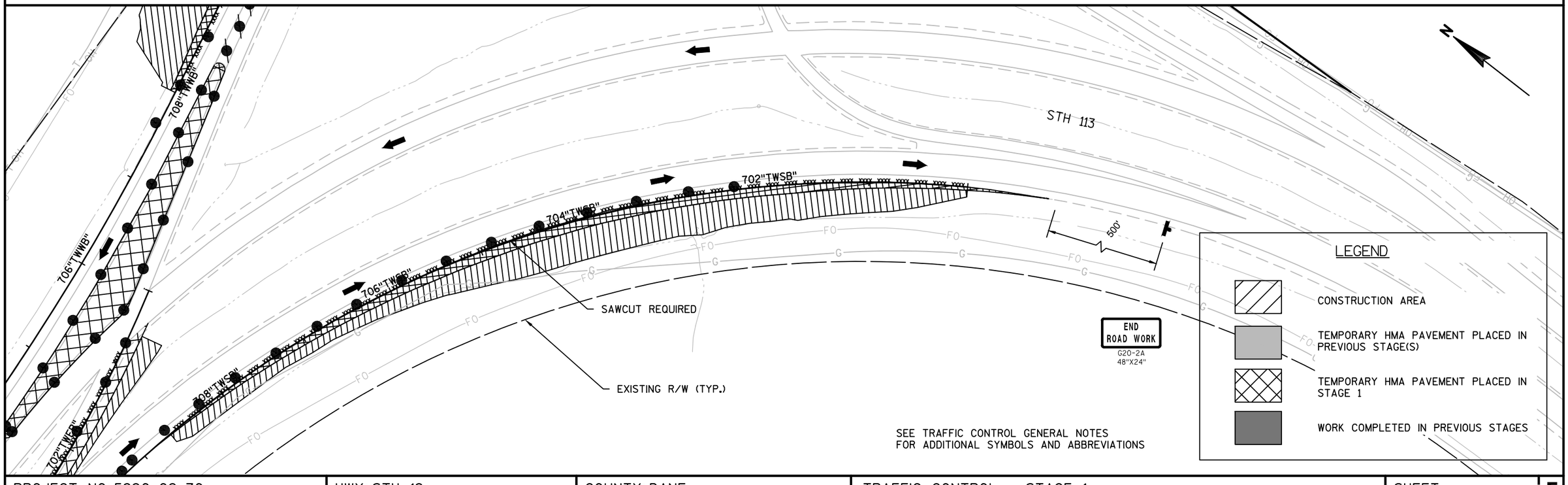
STAGE 1 CONSTRUCTION:

STH 19/113: REMOVE MEDIAN AND REPLACE WITH TEMPORARY PAVEMENT. CONSTRUCT TEMPORARY WIDENING.

STH 19: CONSTRUCT TEMPORARY WIDENING.

STH 113: CONSTRUCT TEMPORARY WIDENING.

CTH I: N/A



SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1	SHEET E

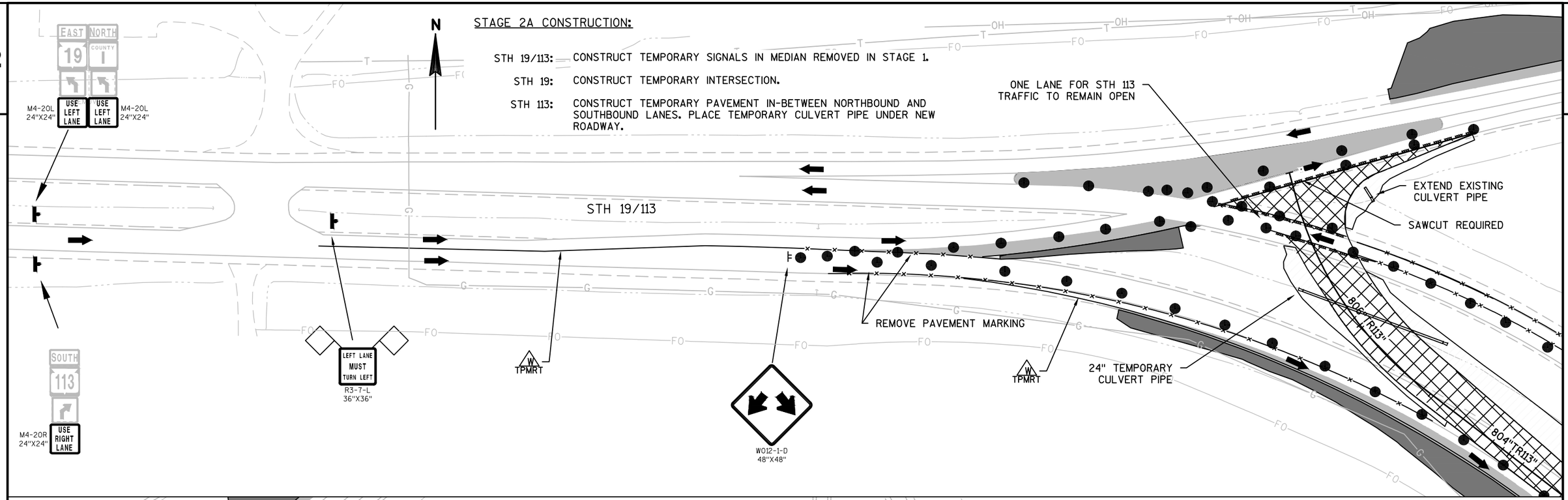
FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025001_TC.DWG
LAYOUT NAME - 025001_TC - TC_025001B
PLOT DATE : 6/27/2016 3:33 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

STAGE 2A CONSTRUCTION:

STH 19/113: CONSTRUCT TEMPORARY SIGNALS IN MEDIAN REMOVED IN STAGE 1.

STH 19: CONSTRUCT TEMPORARY INTERSECTION.

STH 113: CONSTRUCT TEMPORARY PAVEMENT IN-BETWEEN NORTHBOUND AND SOUTHBOUND LANES. PLACE TEMPORARY CULVERT PIPE UNDER NEW ROADWAY.

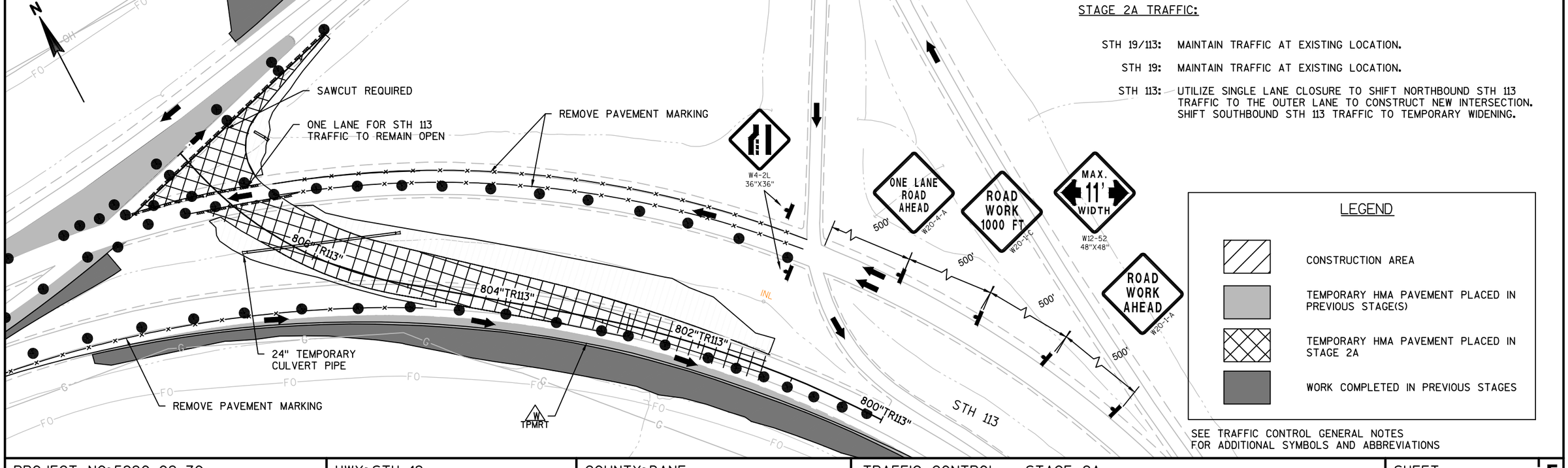


STAGE 2A TRAFFIC:

STH 19/113: MAINTAIN TRAFFIC AT EXISTING LOCATION.

STH 19: MAINTAIN TRAFFIC AT EXISTING LOCATION.

STH 113: UTILIZE SINGLE LANE CLOSURE TO SHIFT NORTHBOUND STH 113 TRAFFIC TO THE OUTER LANE TO CONSTRUCT NEW INTERSECTION. SHIFT SOUTHBOUND STH 113 TRAFFIC TO TEMPORARY WIDENING.



SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2A	SHEET E

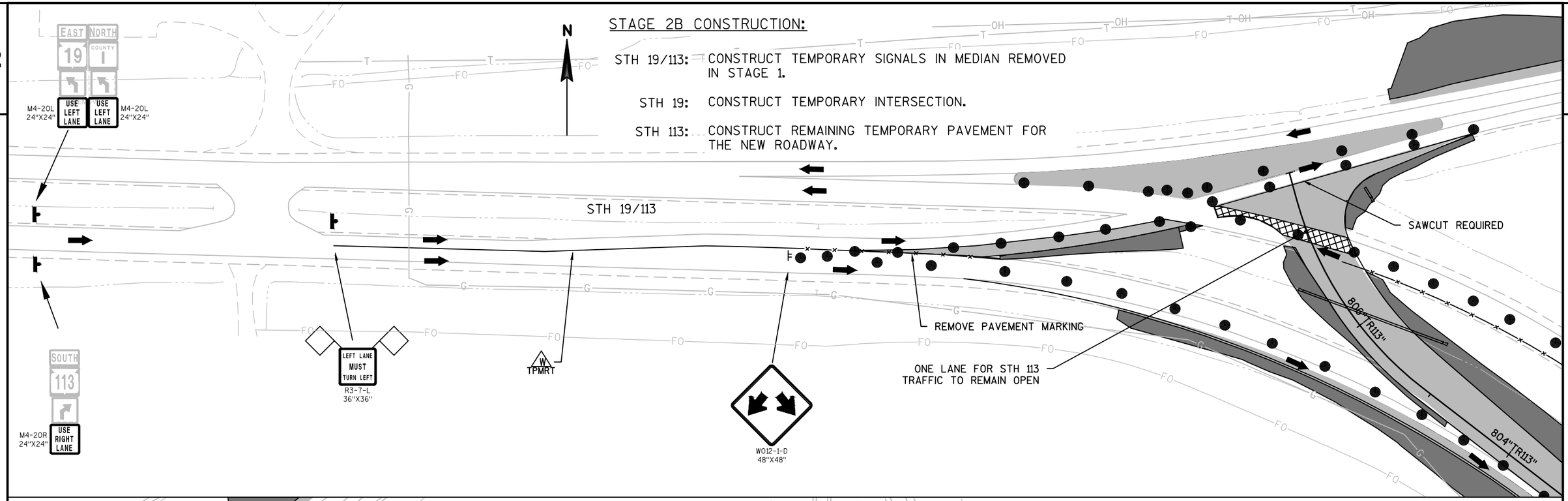
PRE_78

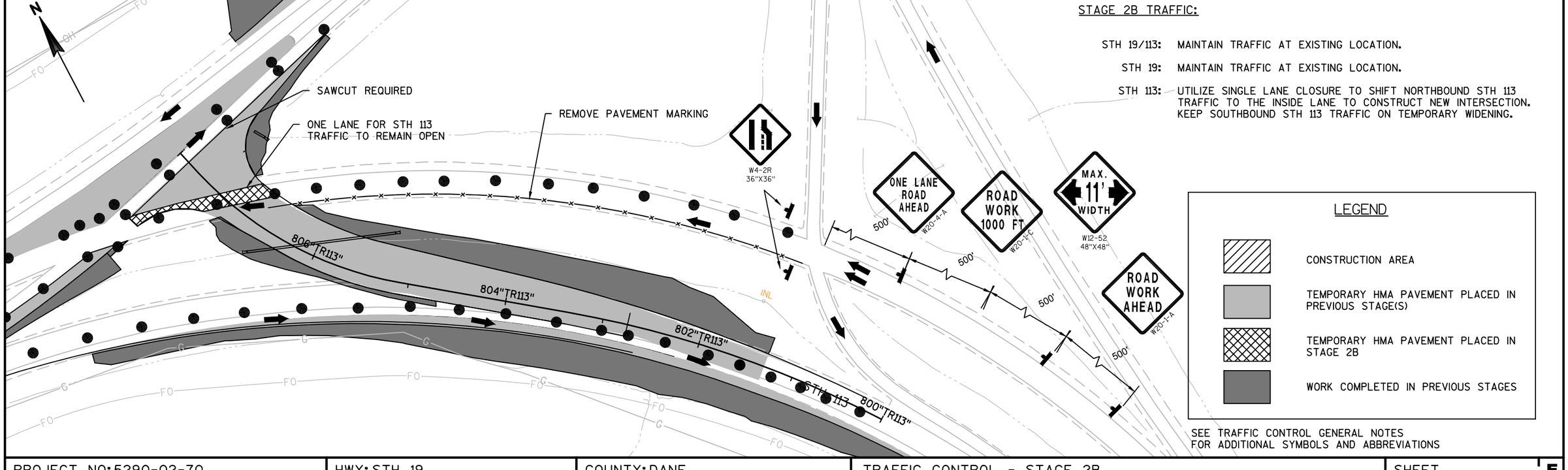
STAGE 2B CONSTRUCTION:

STH 19/113: CONSTRUCT TEMPORARY SIGNALS IN MEDIAN REMOVED IN STAGE 1.

STH 19: CONSTRUCT TEMPORARY INTERSECTION.

STH 113: CONSTRUCT REMAINING TEMPORARY PAVEMENT FOR THE NEW ROADWAY.





STAGE 2B TRAFFIC:

STH 19/113: MAINTAIN TRAFFIC AT EXISTING LOCATION.

STH 19: MAINTAIN TRAFFIC AT EXISTING LOCATION.

STH 113: UTILIZE SINGLE LANE CLOSURE TO SHIFT NORTHBOUND STH 113 TRAFFIC TO THE INSIDE LANE TO CONSTRUCT NEW INTERSECTION. KEEP SOUTHBOUND STH 113 TRAFFIC ON TEMPORARY WIDENING.

LEGEND

- CONSTRUCTION AREA
- TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN STAGE 2B
- WORK COMPLETED IN PREVIOUS STAGES

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2B	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025002B_TC.DWG
LAYOUT NAME - 025002B_TC - TC_025002A
PLOT DATE : 6/27/2016 3:34 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)

N

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

STH 19/113

702+53.86"TWWB", 9.16' RT
705+30.00"TWWB", 32.00' RT
706+30.00"TWWB", 44.00' RT
707+00.00"TWWB", 4.00' RT
708+60.00"TWWB", 19.00' RT
708+69.40"TWWB", -5.71' LT
708+80.00"TWWB", 18.00' RT
710+28.00"TWWB", 3.00' RT
711+15.00"TWWB", 4.00' RT
714+37.78"TWWB", -0.49' LT

702"TWWB"
704"TWWB"
706"TWWB"
708"TWWB"
710"TWWB"
712"TWWB"
714"TWWB"
702"TWEB"

A1 TPMAP
A2 TPMAP
SB TPM
W TPMRT
DW TPMRT 25' SPACING
DY TPMRT

R1000.00'
712+37.59"TWWB", 760.74' RT

R1012.00'
709+29.45"TWWB", 1043.59' RT

708+78.01"TWWB", 32.90' RT
708+44.96"TWWB", 35.12' RT
707+07.00"TWWB", 46.00' RT
711+50.29"TWWB", 16.45' RT
713+06.11"TWWB", 12.40' RT

R2500.00'
710+14.41"TWWB", 2490.95' RT

807+43.51"TR113", 0.00'
805+29.74"TR113", 36.00' RT
803+80.36"TR113", 28.24' RT
803+36.39"TR113", -1100.35' LT
800+20.54"TR113", 12.28' RT

703+74.39"TWEB", 12.53' RT

806"TR113"
804"TR113"
802"TR113"
800"TR113"

R1600.00'

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 SIGNAL LAYOUT	SHEET E

PRE_80

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025003_TC SIGNAL LAYOUT.DWG
LAYOUT NAME - 025003_TC SIGNAL LAYOUT - TC_025003 LAYOUT

PLOT DATE : 6/27/2016 3:35 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN: 100 FT

WISDOT/CADDS SHEET 44

2

TEMPORARY TRAFFIC SIGNAL CONTROL CABINET

WP1

WP2

WP3

WP4

WP5

OH

V1

V2

V3

STH 19 WB / STH 113 NB

STH 19 EB / STH 113 SB

M61 DET. ZONE M61 30'X6' 405' FROM STOP BAR

M51 DET. ZONE M51 50'X6'

M52

M81 DET. ZONE M81 50'X6'

M82 DET. ZONE M82 50'X6'

STH 113

SPEED LIMIT 55

MATCHLINE A

N

M21 DET. ZONE M21 30'X6' 405' FROM STOP BAR

STH 19

TUBULAR MARKER

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2" UNLESS OTHERWISE NOTED
- OH — TEMPORARY OVERHEAD CABLE
- TEMPORARY SIGNAL HEAD
- LUMINAIRE ON WOOD POLE
- WOOD POLE
- M21 — NON-INTRUSIVE DETECTION AREA
- VX — NON-INTRUSIVE DETECTION UNIT

GENERAL NOTES:

1. FINAL LOCATION OF WOOD POLES, SIGNAL CABINET, DETECTION ZONES, & HEADS SHALL BE AS DIRECTED BY THE FIELD ENGINEER.
2. PROVIDE NON-INTRUSIVE VEHICLE DETECTION FOR ALL THROUGH AND LEFT TURN MOVEMENTS.
3. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

TRAFFIC CONTROL SIGNAL
STH 19 & STH 113
TOWN OF WESTPORT
DANE COUNTY

SIGNAL NO. TXXXX

REGION CONTACT: GRAHAM HEITZ, P.E.
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - TEMPORARY SIGNAL DETAIL	SHEET E

FILE NAME : X:\PROJECTS\DANE\5290-02-00 STH 113 INTERSECTION\DESIGN\C3D\SHEETSPLAN\024001_SP.DWG
LAYOUT NAME - SIGNAL LAYOUT - TC_025002B
PLOT DATE : 7/22/2016 11:39 AM PLOT BY : JAMES PAVELSKI PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

PRE_81

2

NOT USED | NOT USED | NOT USED

	HEAD NUMBERS	Ø1 CLEAR TO R/W	Ø1 CLEAR TO **	Ø2 CLEAR TO R/W	Ø2 CLEAR TO **	Ø3 CLEAR TO R/W	Ø3 CLEAR TO **	Ø4 CLEAR TO R/W	Ø4 CLEAR TO **	FLASH
Ø1										
Ø2	4-6			G Y R						R
Ø3										
Ø4										
Ø5	7-11			R/R R/R R/R						R/R
Ø6	1-3			R R R						R
Ø7										
Ø8	10-13			R/R R/R R/R						R/R
OL"A"										
OL"B"										
OL"C"										
OL"D"										

NOT USED | NOT USED

	HEAD NUMBERS	Ø5 CLEAR TO R/W	Ø5 CLEAR TO **	Ø6 CLEAR TO R/W	Ø6 CLEAR TO **	Ø7 CLEAR TO R/W	Ø7 CLEAR TO **	Ø8 CLEAR TO R/W	Ø8 CLEAR TO **
Ø1									
Ø2	4-6	R R R		R R R				R R R	
Ø3									
Ø4									
Ø5	7-11	G/G Y/Y R/R		R/R R/R R/R				R/R R/R R/R	
Ø6	1-3	R R R		G Y R				R R R	
Ø7									
Ø8	10-13	R/R R/R R/R		R/R R/R R/R				G/G Y/Y R/R	
OL"A"									
OL"B"									
OL"C"									
OL"D"									

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1 BELOW)

N

CONTROLLER LOGIC

DETECTOR NUMBER	HEAD NUMBERS	DETECTOR OPERATION: CALLS AND EXTENDS	DETECTOR OPERATION: CALLS ONLY	DETECTOR OPERATION: EXTENDS ONLY	PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE (FEET)	NUMBER OF TURNS
M21	1	X			2	2			3.0	30x6	N/A
M51	2	X			5	5				50x6	N/A
M52	3			X		5				50x6	N/A
M61	4	X			6	6			3.0	30x6	N/A
M81	5	X			8	8				50x6	N/A
M82	5	X			8	8				50x6	N/A

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W/Ø	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MIN	X
3				
4				
5				X
6	X	2	MIN	X
7				
8				X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE LIGHTING CABINET	

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1		
2	5,6	8
3		
4		
5	2	6,8
6	2	5,8
7		
8		2,5,6

SIGNAL TIMING

	Ø2	Ø5	Ø6	Ø8
MIN GREEN	12	7	12	7
PASSAGE	2	0.7	2	0.7
MAXIMUM 1	50	25	50	25
MAXIMUM 2				
YELLOW	4.5	3	4.5	3
ALL RED	1.5	2	1.5	2
ADDED INITIAL	1.5		1.5	
MAX INITIAL	32		32	
TIME BEFORE REDUCTION	20		20	
TIME TO REDUCE	15		15	
MIN GAP	1.7		1.7	

GENERAL NOTES:

1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NON-CONFLICTING PHASE MAY START TIMING CONCURENTLY WITHOUT A CLEARANCE INTERVAL. (SEE CHART 1)
3. IF ANY OPPOSING THROUGH PHASES ARE TIMING CONCURRENTLY, THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.

TRAFFIC CONTROL SIGNAL
STH 19 & STH 113
TOWN OF WESTPORT
DANE COUNTY

SIGNAL NO. T13-1008

REGION CONTACT: GRAHAM HEITZ, P.E.
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

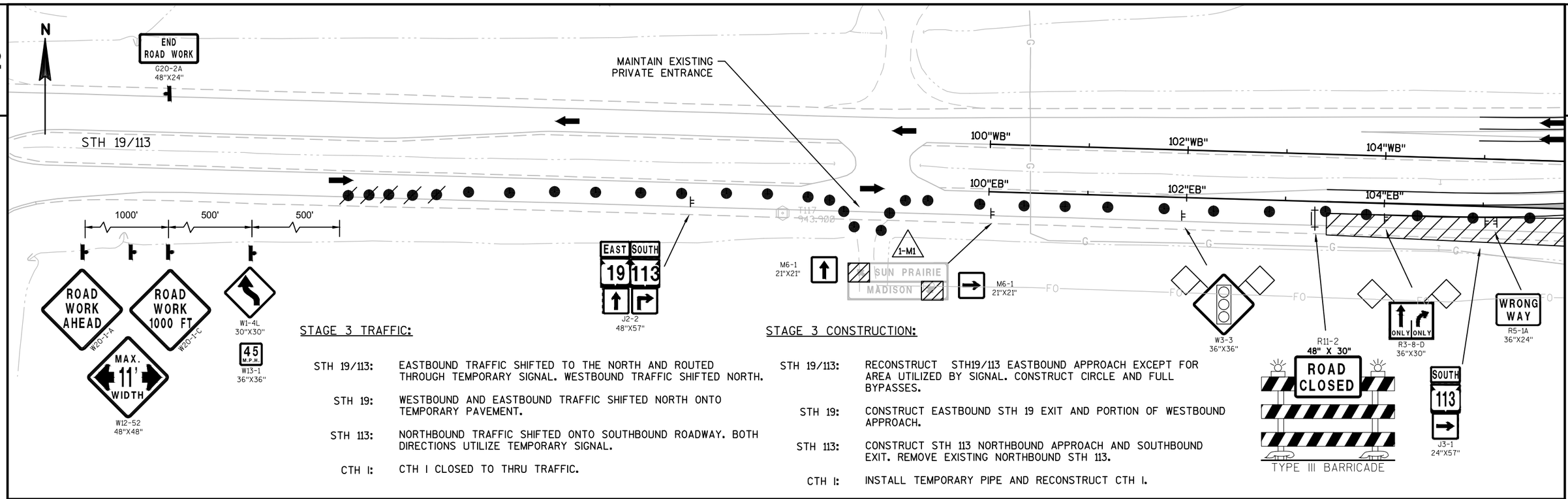
PAGE 2 OF 2

PROJECT NO: 5290-02-70 | HWY: STH 19 | COUNTY: DANE | TRAFFIC CONTROL - TEMPORARY SIGNAL DETAIL | SHEET E

PRE_82

FILE NAME : X:\PROJECTS\DANE\5290-02-00 STH 113 INTERSECTION\DESIGN\C3D\SHEETSPLAN\024001_SP.DWG
LAYOUT NAME - SIGNAL LAYOUT - TC_025002B

PLOT DATE : 7/22/2016 11:26 AM PLOT BY : JAMES PAVELSKI PLOT NAME : PLOT SCALE : **********

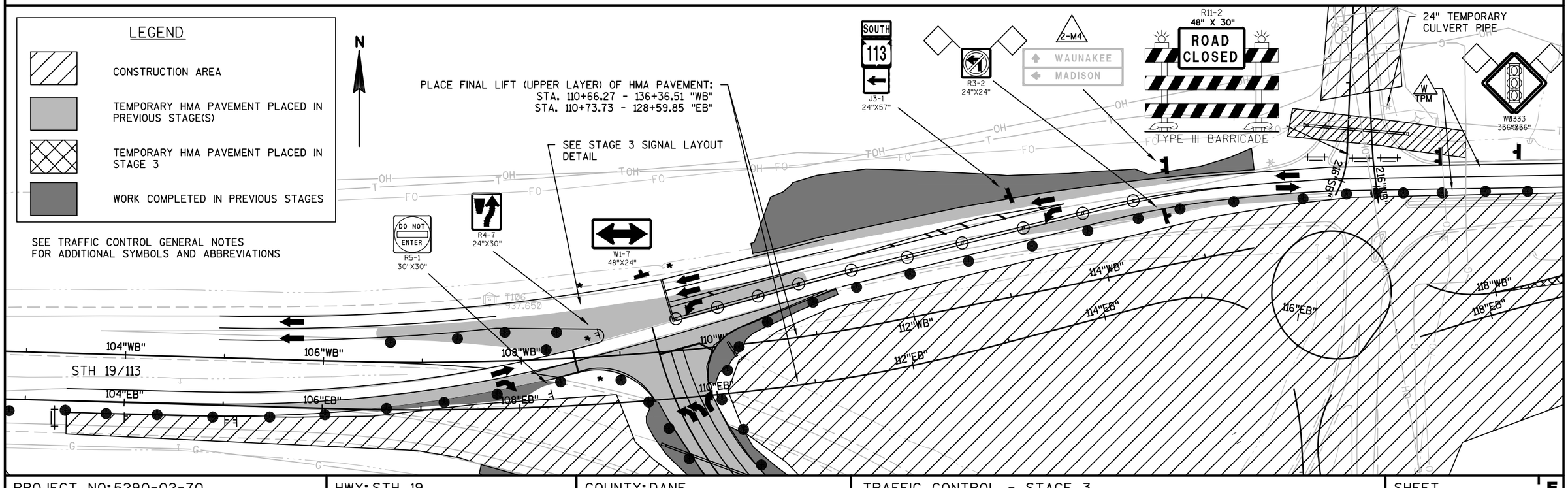


STAGE 3 TRAFFIC:

STH 19/113:	EASTBOUND TRAFFIC SHIFTED TO THE NORTH AND ROUTED THROUGH TEMPORARY SIGNAL. WESTBOUND TRAFFIC SHIFTED NORTH.
STH 19:	WESTBOUND AND EASTBOUND TRAFFIC SHIFTED NORTH ONTO TEMPORARY PAVEMENT.
STH 113:	NORTHBOUND TRAFFIC SHIFTED ONTO SOUTHBOUND ROADWAY. BOTH DIRECTIONS UTILIZE TEMPORARY SIGNAL.
CTH I:	CTH I CLOSED TO THRU TRAFFIC.

STAGE 3 CONSTRUCTION:

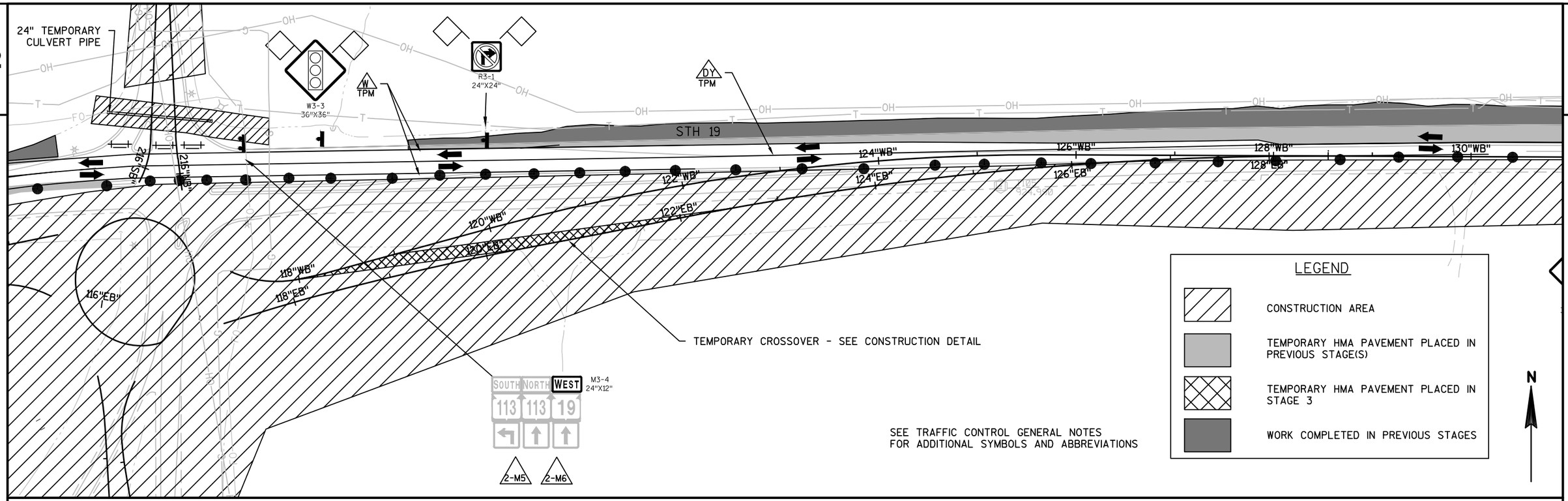
STH 19/113:	RECONSTRUCT STH19/113 EASTBOUND APPROACH EXCEPT FOR AREA UTILIZED BY SIGNAL. CONSTRUCT CIRCLE AND FULL BYPASSES.
STH 19:	CONSTRUCT EASTBOUND STH 19 EXIT AND PORTION OF WESTBOUND APPROACH.
STH 113:	CONSTRUCT STH 113 NORTHBOUND APPROACH AND SOUTHBOUND EXIT. REMOVE EXISTING NORTHBOUND STH 113.
CTH I:	INSTALL TEMPORARY PIPE AND RECONSTRUCT CTH I.



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3	SHEET E

PRE_83

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025003_TC.DWG
LAYOUT NAME - 025003_TC - TC_025003A
PLOT DATE : 6/27/2016 3:36 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



STAGE 3 TRAFFIC:

STH 19/113: EASTBOUND TRAFFIC SHIFTED TO THE NORTH AND ROUTED THROUGH TEMPORARY SIGNAL. WESTBOUND TRAFFIC SHIFTED NORTH.

STH 19: WESTBOUND AND EASTBOUND TRAFFIC SHIFTED NORTH ONTO TEMPORARY PAVEMENT.

STH 113: NORTHBOUND TRAFFIC SHIFTED ONTO SOUTHBOUND ROADWAY. BOTH DIRECTIONS UTILIZE TEMPORARY SIGNAL.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

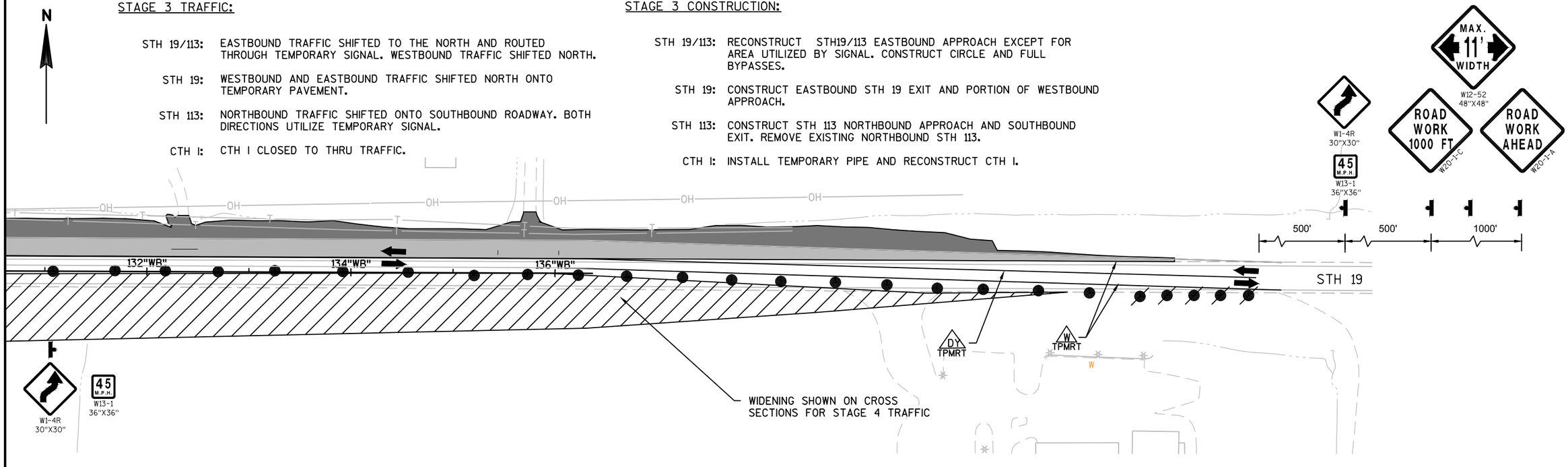
STAGE 3 CONSTRUCTION:

STH 19/113: RECONSTRUCT STH19/113 EASTBOUND APPROACH EXCEPT FOR AREA UTILIZED BY SIGNAL. CONSTRUCT CIRCLE AND FULL BYPASSES.

STH 19: CONSTRUCT EASTBOUND STH 19 EXIT AND PORTION OF WESTBOUND APPROACH.

STH 113: CONSTRUCT STH 113 NORTHBOUND APPROACH AND SOUTHBOUND EXIT. REMOVE EXISTING NORTHBOUND STH 113.

CTH I: INSTALL TEMPORARY PIPE AND RECONSTRUCT CTH I.



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3	SHEET E

PRE_84

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025003_TC.DWG
LAYOUT NAME - 025003_TC - TC_025003B
PLOT DATE : 6/27/2016 3:36 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

STAGE 3 TRAFFIC:

STH 19/113: EASTBOUND TRAFFIC SHIFTED TO THE NORTH AND ROUTED THROUGH TEMPORARY SIGNAL. WESTBOUND TRAFFIC SHIFTED NORTH.

STH 19: WESTBOUND AND EASTBOUND TRAFFIC SHIFTED NORTH ONTO TEMPORARY PAVEMENT.

STH 113: NORTHBOUND TRAFFIC SHIFTED ONTO SOUTHBOUND ROADWAY. BOTH DIRECTIONS UTILIZE TEMPORARY SIGNAL.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

STAGE 3 CONSTRUCTION:

STH 19/113: RECONSTRUCT STH19/113 EASTBOUND APPROACH EXCEPT FOR AREA UTILIZED BY SIGNAL. CONSTRUCT CIRCLE AND FULL BYPASSES.

STH 19: CONSTRUCT EASTBOUND STH 19 EXIT AND PORTION OF WESTBOUND APPROACH.

STH 113: CONSTRUCT STH 113 NORTHBOUND APPROACH AND SOUTHBOUND EXIT. REMOVE EXISTING NORTHBOUND STH 113.

CTH I: INSTALL TEMPORARY PIPE AND RECONSTRUCT CTH I.

N

ROAD CLOSED 500 FT W20-3-D

ROAD CLOSED 1000 FT W20-3-C

ROAD CLOSED AHEAD W20-3-A

500' 500' 1000'

CTH I

R11-2 48" X 30" ROAD CLOSED

TYPE III BARRICADE

R11-4 60"X30" ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

W3-3 36"X36"

STH 113

R3-8-R 54"X30" ONLY ONLY ONLY

W TPM

D/Y TPM

R11-2 48" X 30" ROAD CLOSED

TYPE III BARRICADE

PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT:
STA. 112+00 - 136+36.51 "WB"
STA. 110+73.73 - 128+59.85 "EB"

PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT:
STA. 206+00 - 213+83.93 "NB"

SEE TRAFFIC CONTROL GENERAL NOTES
FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

LEGEND

- CONSTRUCTION AREA
- TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN STAGE 3
- WORK COMPLETED IN PREVIOUS STAGES

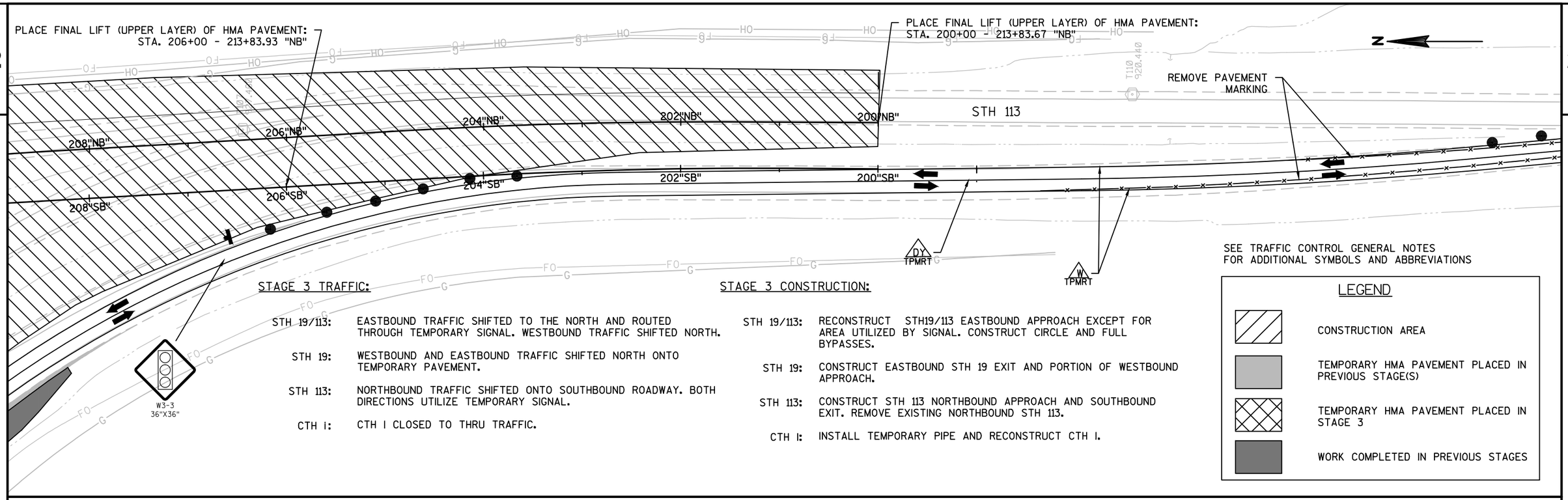
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3	SHEET E

PRE_85

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025003_TC.DWG
LAYOUT NAME - 025003_TC - TC_025003C

PLOT DATE : 6/27/2016 3:36 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



STAGE 3 TRAFFIC:

STH 19/113: EASTBOUND TRAFFIC SHIFTED TO THE NORTH AND ROUTED THROUGH TEMPORARY SIGNAL. WESTBOUND TRAFFIC SHIFTED NORTH.

STH 19: WESTBOUND AND EASTBOUND TRAFFIC SHIFTED NORTH ONTO TEMPORARY PAVEMENT.

STH 113: NORTHBOUND TRAFFIC SHIFTED ONTO SOUTHBOUND ROADWAY. BOTH DIRECTIONS UTILIZE TEMPORARY SIGNAL.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

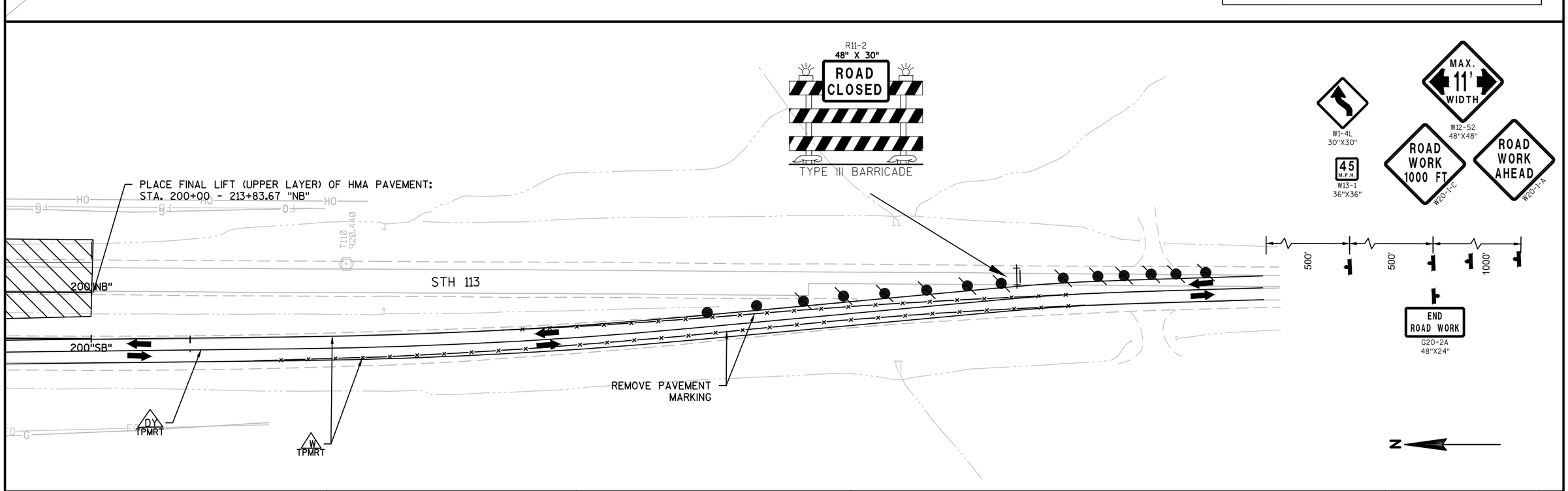
STAGE 3 CONSTRUCTION:

STH 19/113: RECONSTRUCT STH19/113 EASTBOUND APPROACH EXCEPT FOR AREA UTILIZED BY SIGNAL. CONSTRUCT CIRCLE AND FULL BYPASSES.

STH 19: CONSTRUCT EASTBOUND STH 19 EXIT AND PORTION OF WESTBOUND APPROACH.

STH 113: CONSTRUCT STH 113 NORTHBOUND APPROACH AND SOUTHBOUND EXIT. REMOVE EXISTING NORTHBOUND STH 113.

CTH I: INSTALL TEMPORARY PIPE AND RECONSTRUCT CTH I.



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025003_TC.DWG
LAYOUT NAME - 025003_TC - TC_025003D
PLOT DATE : 6/27/2016 3:36 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

STAGE 4A TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

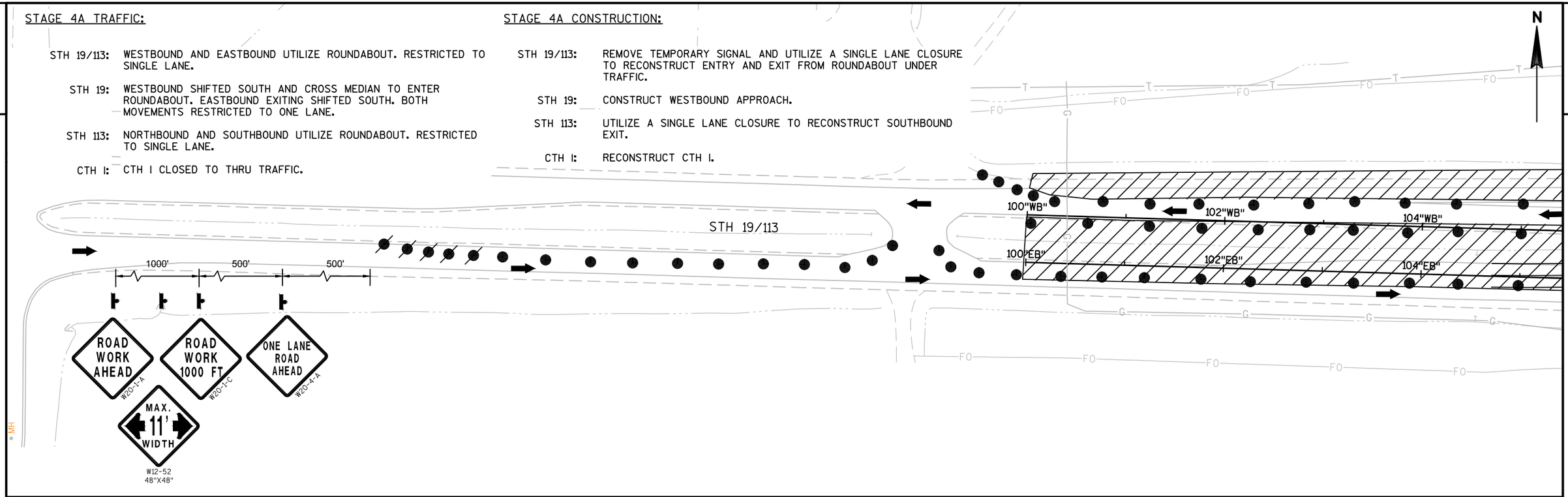
STAGE 4A CONSTRUCTION:

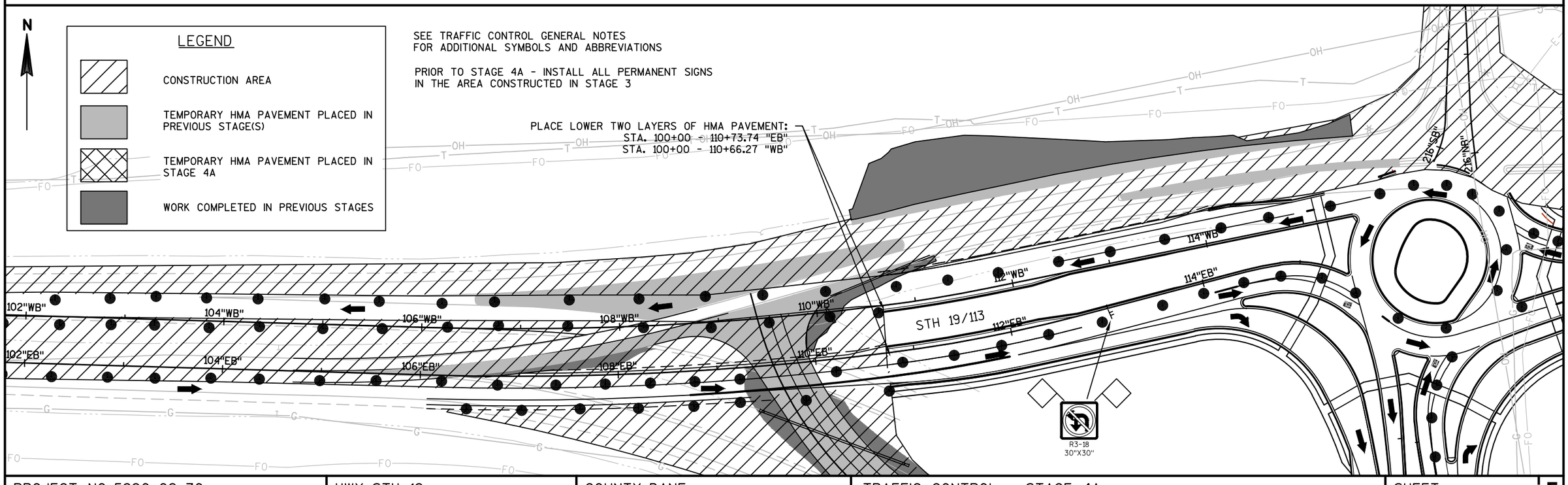
STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.



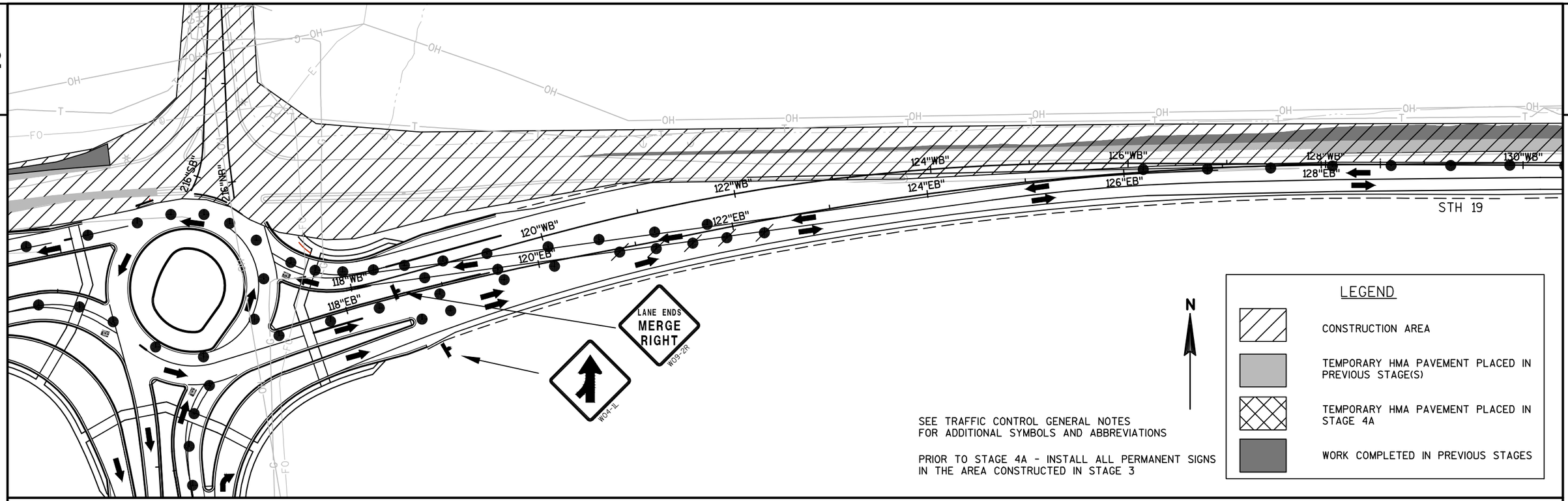


PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4A	SHEET E

PRE_87

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025004_TC.DWG
LAYOUT NAME - 025004_TC - TC_025004A
PLOT DATE : 6/27/2016 3:37 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PRIOR TO STAGE 4A - INSTALL ALL PERMANENT SIGNS IN THE AREA CONSTRUCTED IN STAGE 3

STAGE 4A TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

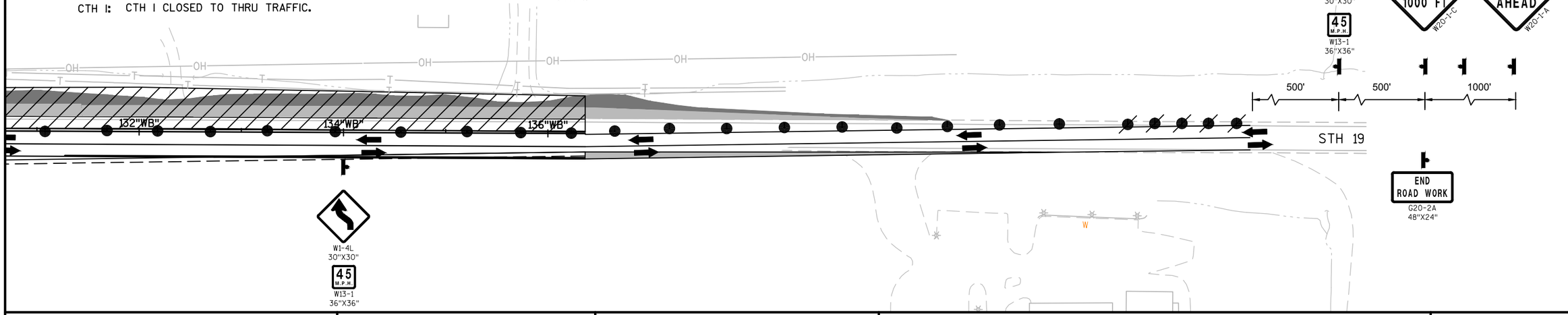
STAGE 4A CONSTRUCTION:

STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4A	SHEET E

PRE_88

STAGE 4A TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

STAGE 4A CONSTRUCTION:

STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.

N

ROAD CLOSED 500 FT W20-3-D

ROAD CLOSED 1000 FT W20-3-C

ROAD CLOSED AHEAD W20-3-A

500' 500' 1000'

CTH I

R11-4 60"X30"

ROAD CLOSED TO THRU TRAFFIC

END ROAD WORK G20-2A 48"X24"

TYPE III BARRICADE

STH 113

R11-2 48" X 30"

ROAD CLOSED

TYPE III BARRICADE

PLACE LOWER LIFT (LOWER LAYER) OF HMA PAVEMENT: STA. 200+00 - 206+00 "SB"

SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PRIOR TO STAGE 4A - INSTALL ALL PERMANENT SIGNS IN THE AREA CONSTRUCTED IN STAGE 3

LEGEND

- CONSTRUCTION AREA
- TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN STAGE 4A
- WORK COMPLETED IN PREVIOUS STAGES

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4A	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025004_TC.DWG
LAYOUT NAME - 025004_TC - TC_025004C
PLOT DATE : 6/27/2016 3:37 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

STAGE 4A CONSTRUCTION:

STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.

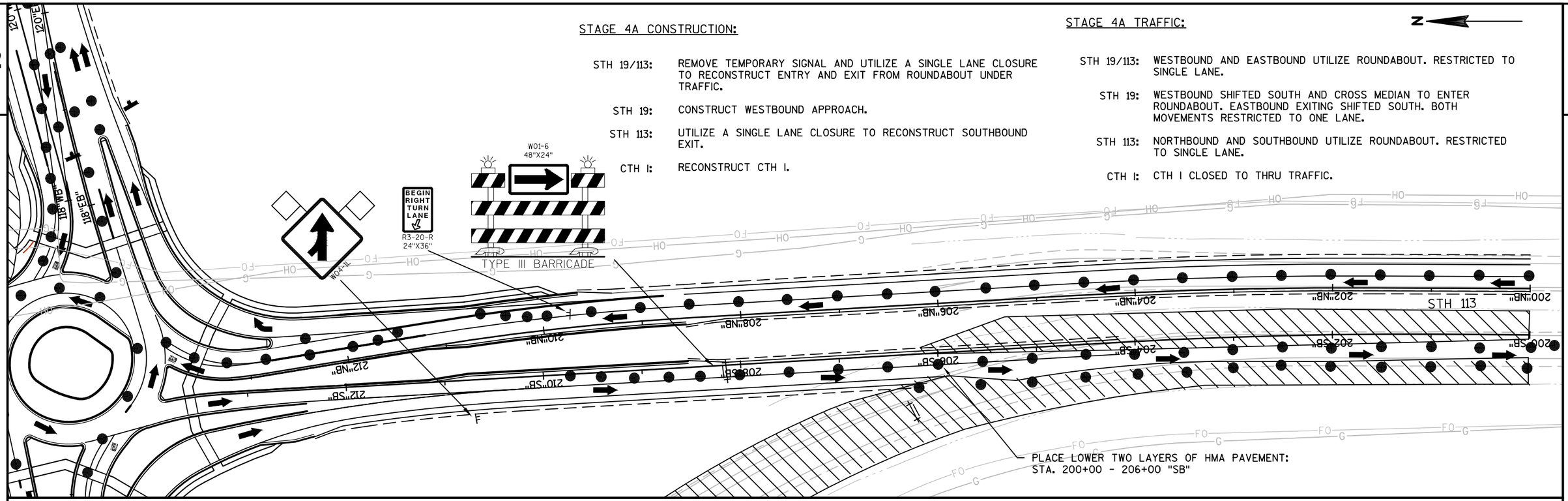
STAGE 4A TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

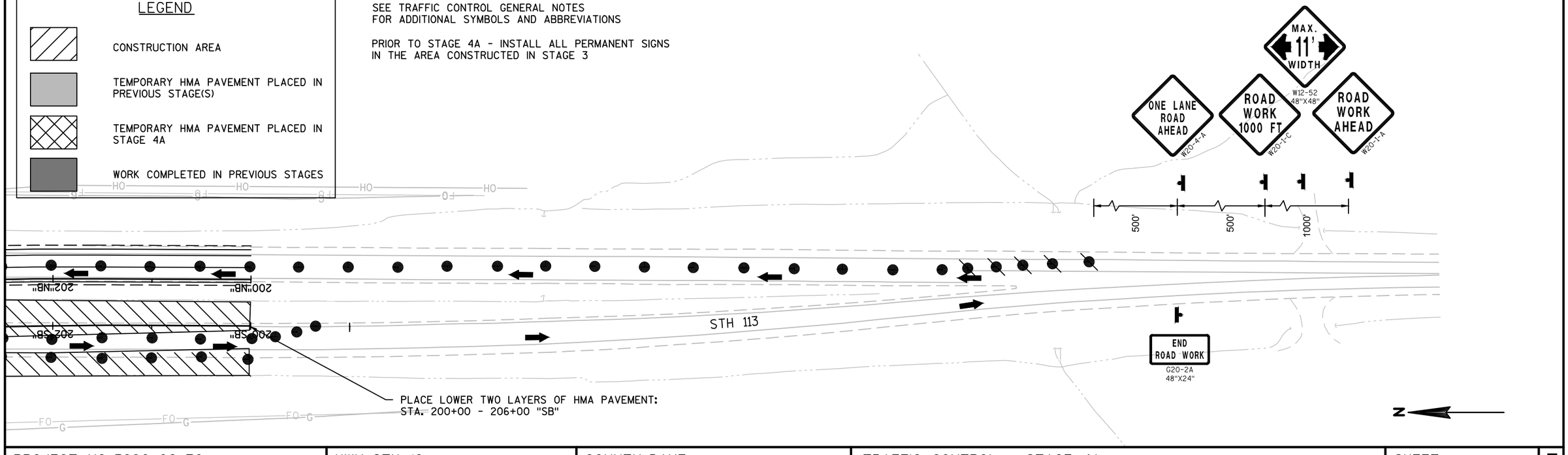


LEGEND

- CONSTRUCTION AREA
- TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN STAGE 4A
- WORK COMPLETED IN PREVIOUS STAGES

SEE TRAFFIC CONTROL GENERAL NOTES
FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PRIOR TO STAGE 4A - INSTALL ALL PERMANENT SIGNS
IN THE AREA CONSTRUCTED IN STAGE 3



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4A	SHEET E

PRE_90

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025004_TC.DWG
LAYOUT NAME - 025004_TC - TC_025004D

PLOT DATE : 6/27/2016 3:37 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

STAGE 4B TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

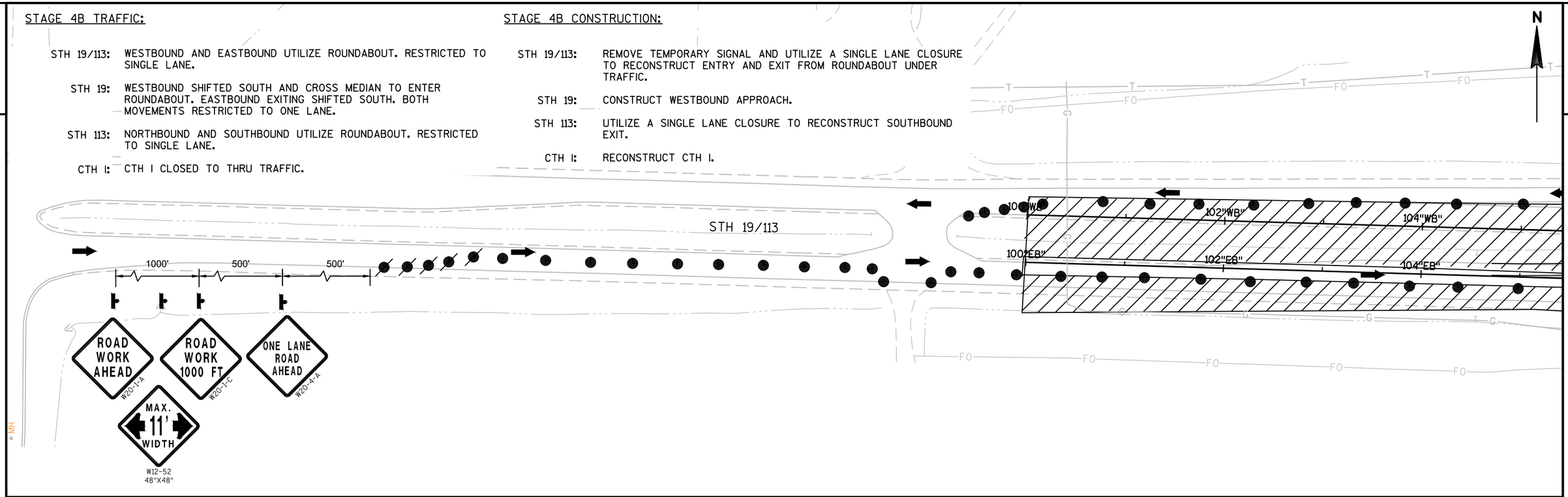
STAGE 4B CONSTRUCTION:

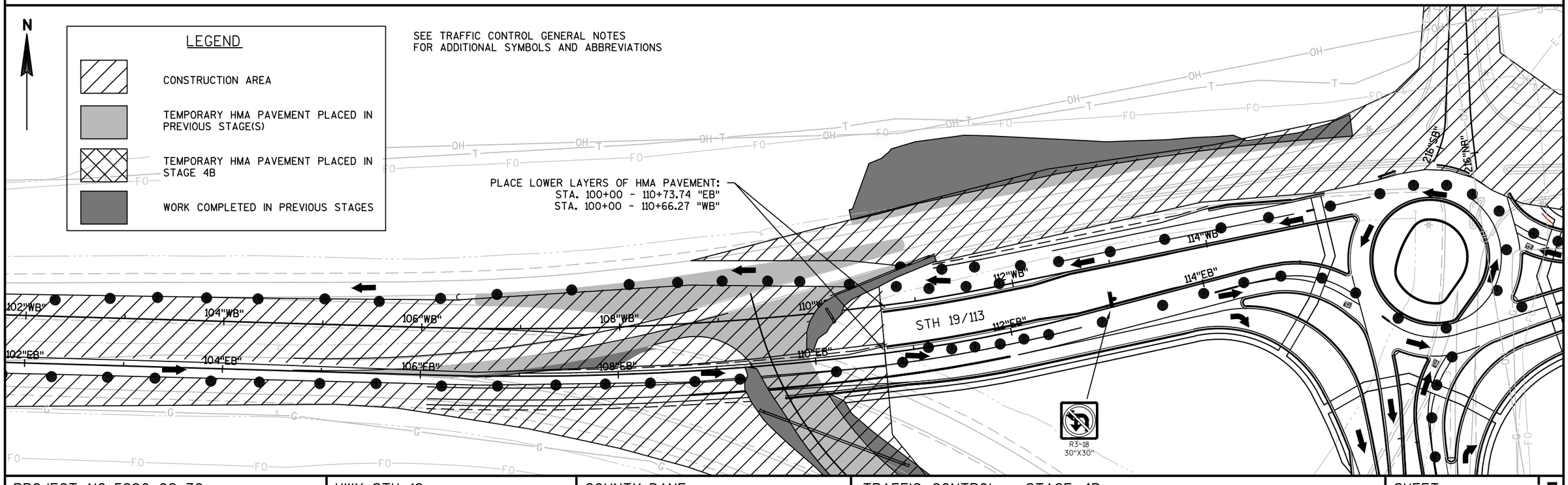
STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.





PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4B	SHEET E

PRE_91

STAGE 4B TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

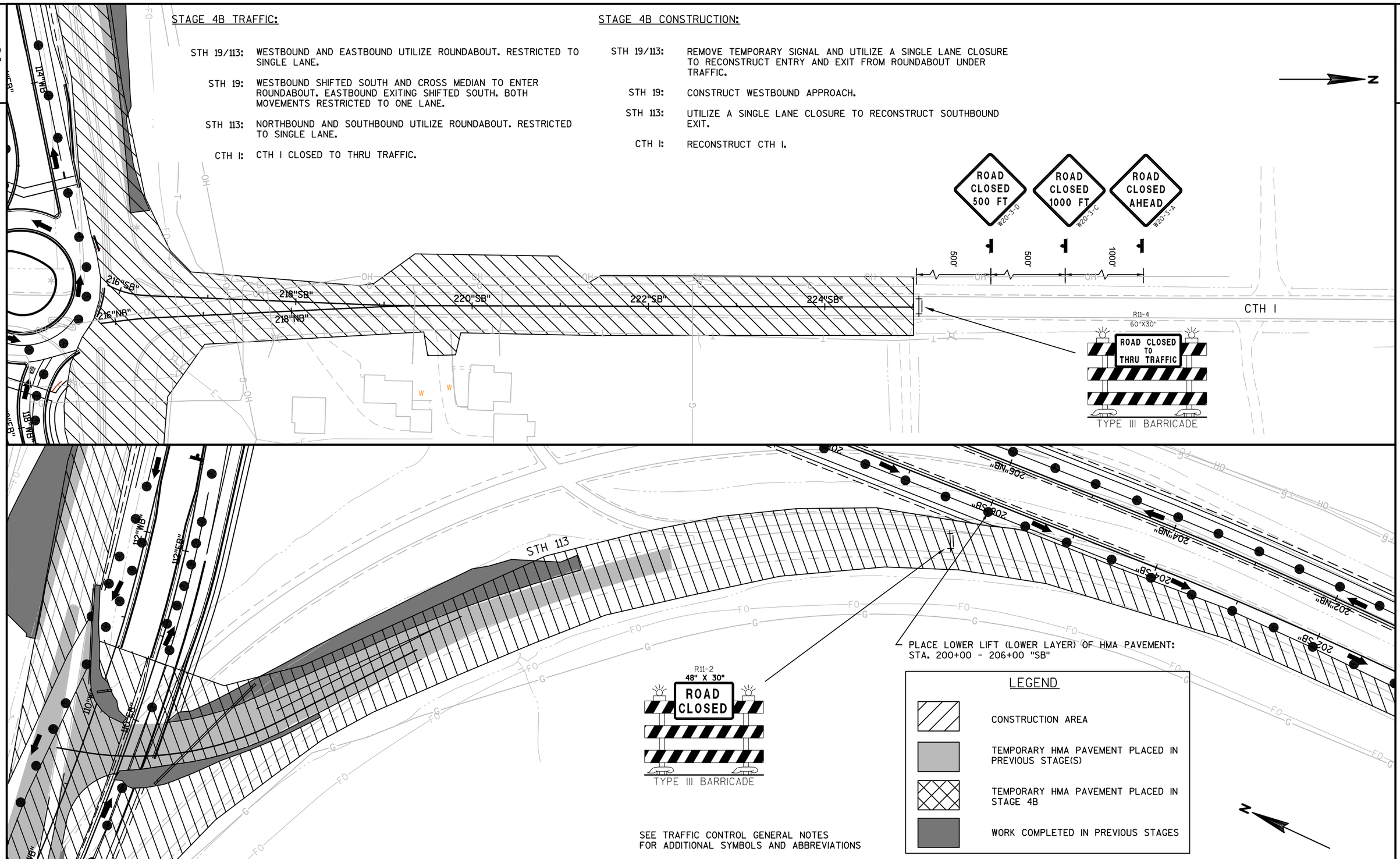
STAGE 4B CONSTRUCTION:

STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.



SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4B	SHEET E

STAGE 4B CONSTRUCTION:

STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.

STAGE 4B TRAFFIC:

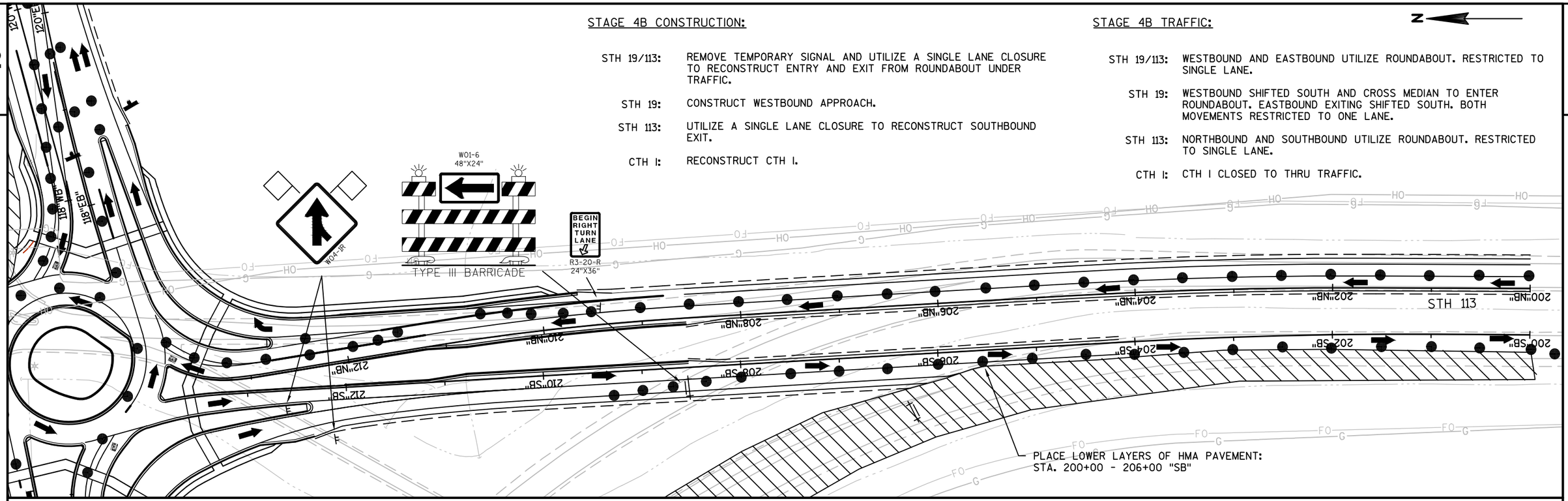
STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

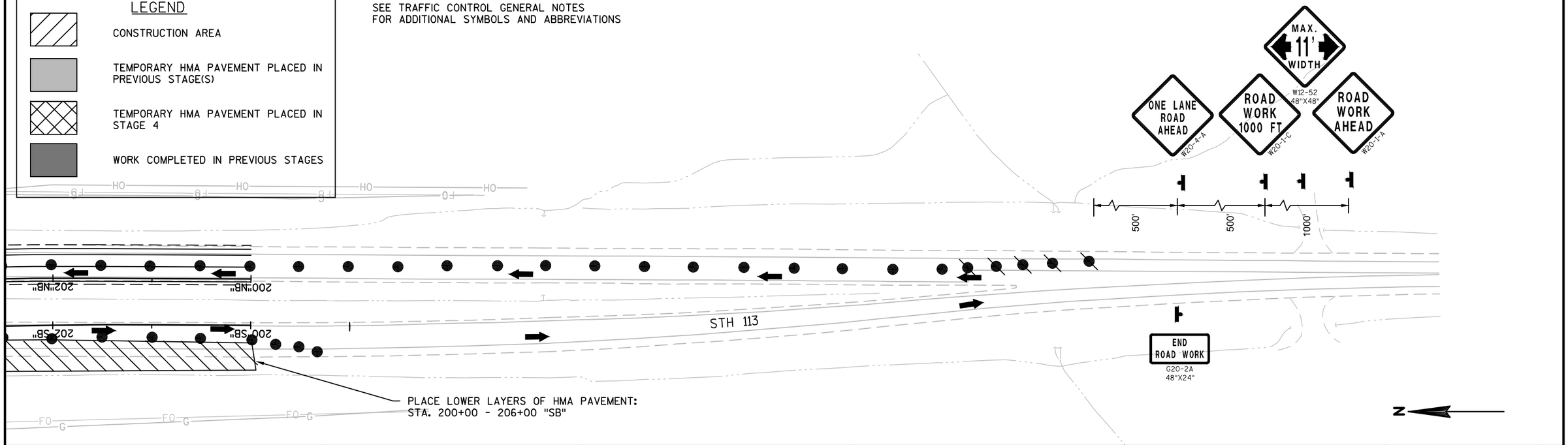
N



LEGEND

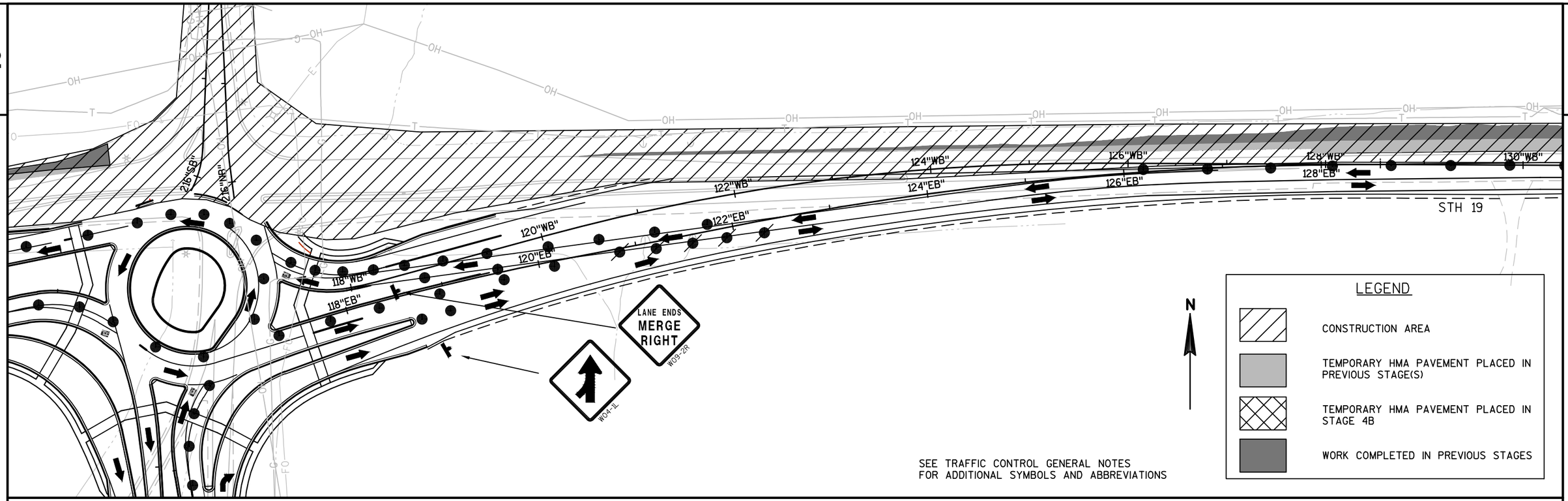
- CONSTRUCTION AREA
- TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN STAGE 4
- WORK COMPLETED IN PREVIOUS STAGES

SEE TRAFFIC CONTROL GENERAL NOTES
FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4B	SHEET E

2



SEE TRAFFIC CONTROL GENERAL NOTES
FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

STAGE 4B TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND SHIFTED SOUTH AND CROSS MEDIAN TO ENTER ROUNDABOUT. EASTBOUND EXITING SHIFTED SOUTH. BOTH MOVEMENTS RESTRICTED TO ONE LANE.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. RESTRICTED TO SINGLE LANE.

CTH I: CTH I CLOSED TO THRU TRAFFIC.

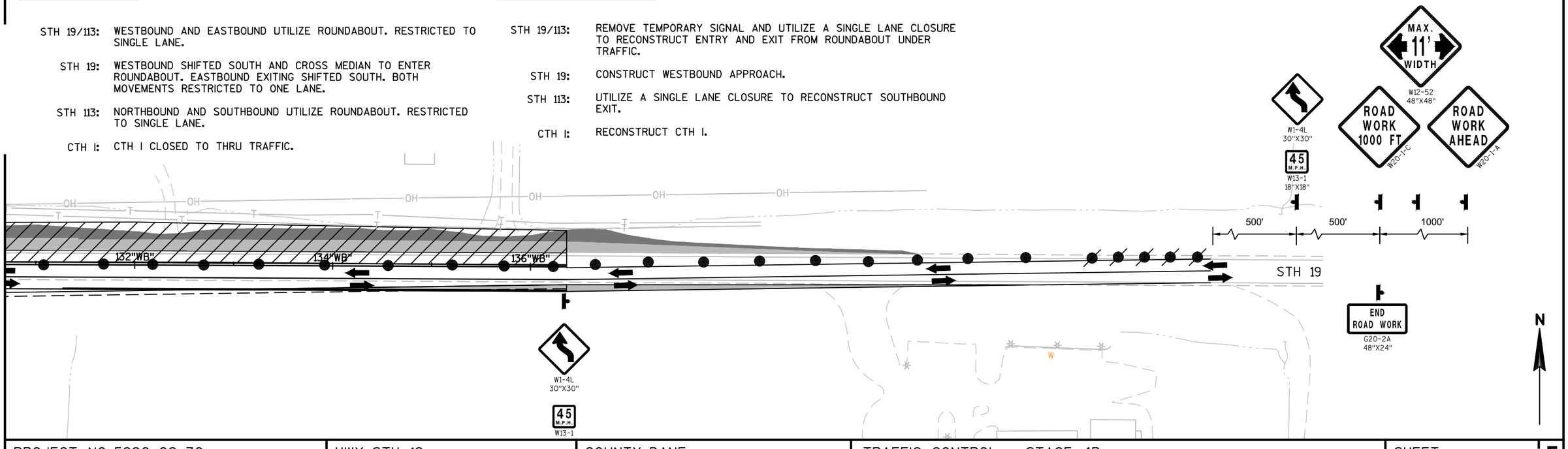
STAGE 4B CONSTRUCTION:

STH 19/113: REMOVE TEMPORARY SIGNAL AND UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT ENTRY AND EXIT FROM ROUNDABOUT UNDER TRAFFIC.

STH 19: CONSTRUCT WESTBOUND APPROACH.

STH 113: UTILIZE A SINGLE LANE CLOSURE TO RECONSTRUCT SOUTHBOUND EXIT.

CTH I: RECONSTRUCT CTH I.



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 4B	SHEET E

PRE_94

2

N

STAGE 5 TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. EASTBOUND RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. EASTBOUND RESTRICTED TO SINGLE LANE. WESTBOUND RESTRICTED TO SINGLE LANE UNTIL ROUNDABOUT.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. SOUTHBOUND RESTRICTED TO A SINGLE LANE.

CTH I: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT.

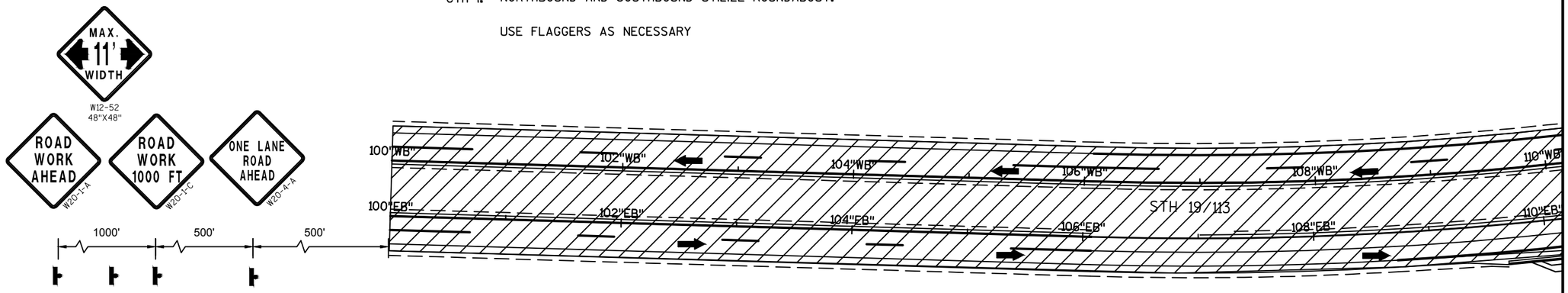
USE FLAGGERS AS NECESSARY

STAGE 5 CONSTRUCTION:

STH 19/113: PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT ON STH 19/113 THAT WAS NOT COMPLETED IN STAGE 4.

STH 19: REMOVE TEMPORARY WIDENING AND TEMPORARY PAVEMENT IN MEDIAN AND FINISH INSTALLING THE MEDIAN AND CURB & GUTTER.

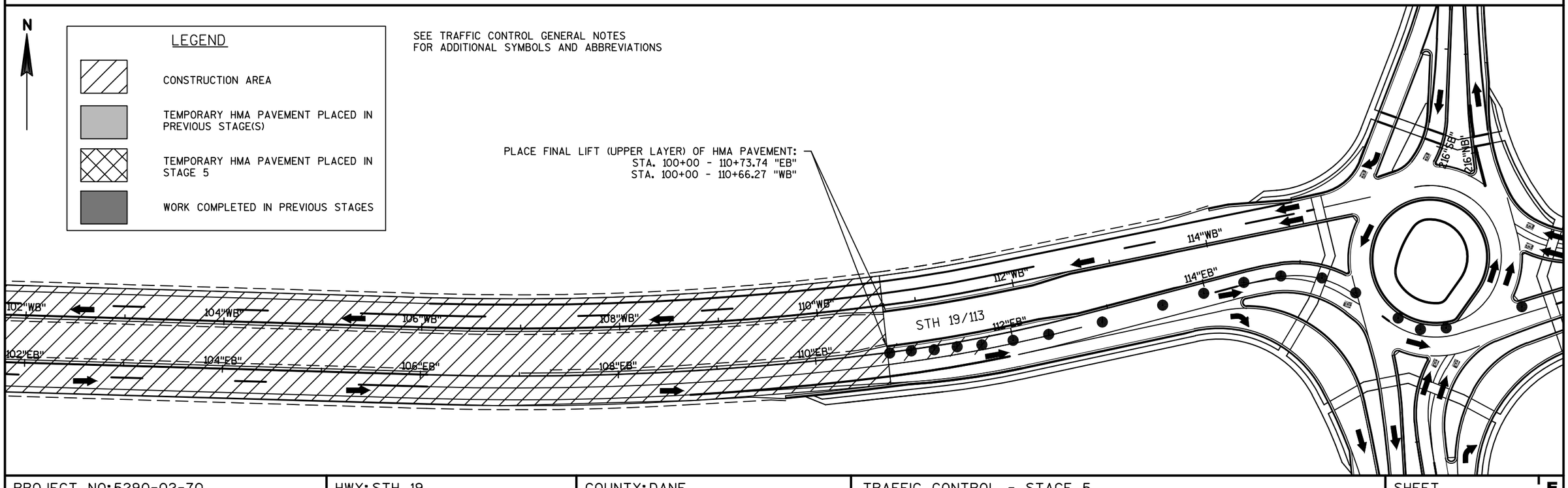
STH 113: PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT ON STH 113 THAT WAS NOT COMPLETED IN STAGE 4.



N

SEE TRAFFIC CONTROL GENERAL NOTES
FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

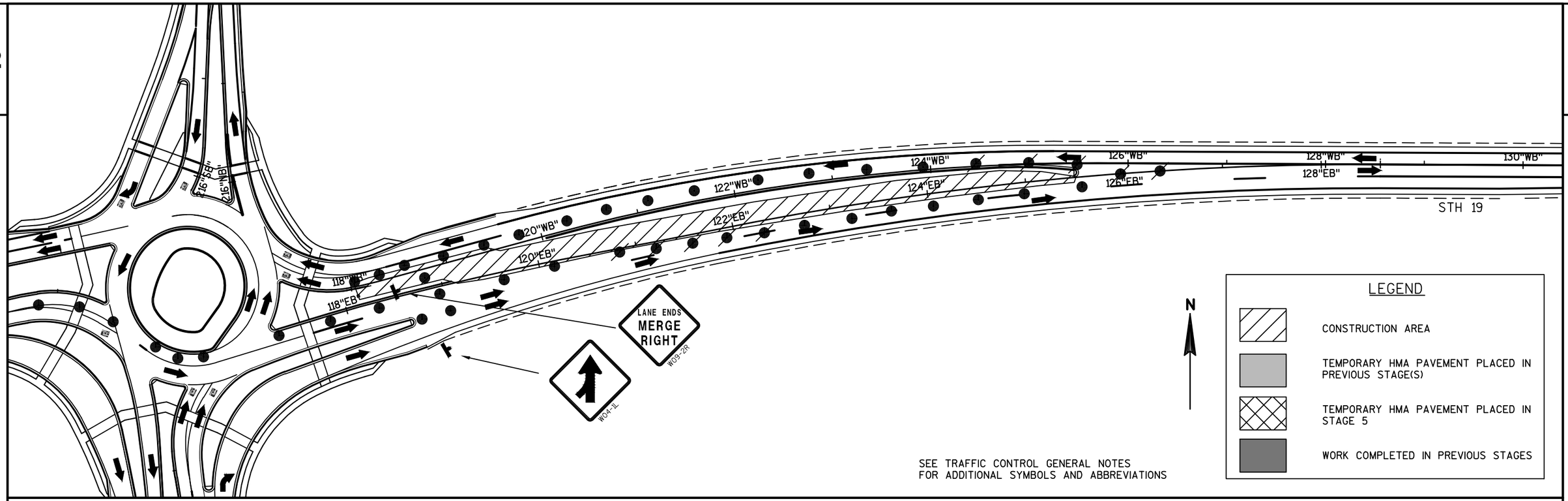
PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT:
STA. 100+00 - 110+73.74 "EB"
STA. 100+00 - 110+66.27 "WB"



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 5	SHEET E

PRE_95

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025005_TC.DWG
LAYOUT NAME - 025005_TC - TC_025005A
PLOT DATE : 6/27/2016 3:39 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



SEE TRAFFIC CONTROL GENERAL NOTES
FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

STAGE 5 TRAFFIC:

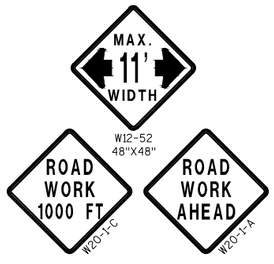
STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. EASTBOUND RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. EASTBOUND RESTRICTED TO SINGLE LANE. WESTBOUND RESTRICTED TO SINGLE LANE UNTIL ROUNDABOUT.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. SOUTHBOUND RESTRICTED TO A SINGLE LANE.

CTH I: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT.

USE FLAGGERS AS NECESSARY

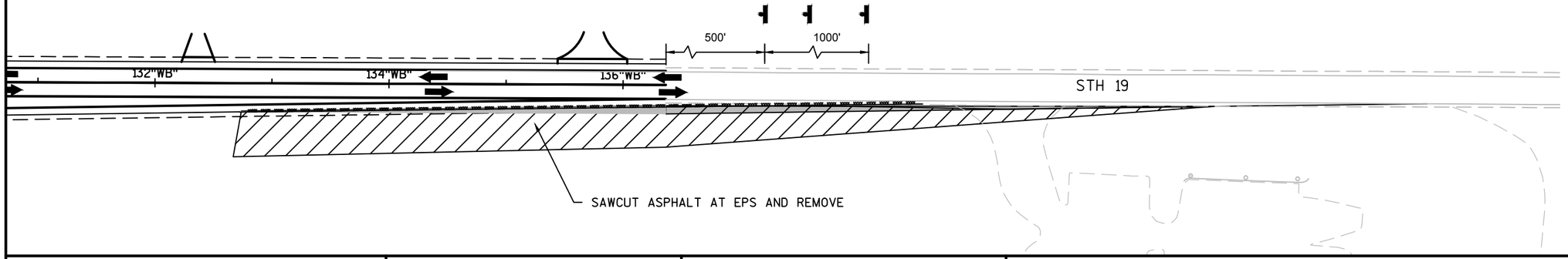


STAGE 5 CONSTRUCTION:

STH 19/113: PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT ON STH 19/113 THAT WAS NOT COMPLETED IN STAGE 4.

STH 19: REMOVE TEMPORARY WIDENING AND TEMPORARY PAVEMENT IN MEDIAN AND FINISH INSTALLING THE MEDIAN AND CURB & GUTTER.

STH 113: PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT ON STH 113 THAT WAS NOT COMPLETED IN STAGE 4.



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 5	SHEET E

2

STAGE 5 TRAFFIC:

STH 19/113: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. EASTBOUND RESTRICTED TO SINGLE LANE.

STH 19: WESTBOUND AND EASTBOUND UTILIZE ROUNDABOUT. EASTBOUND RESTRICTED TO SINGLE LANE. WESTBOUND RESTRICTED TO SINGLE LANE UNTIL ROUNDABOUT.

STH 113: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT. SOUTHBOUND RESTRICTED TO A SINGLE LANE.

CTH I: NORTHBOUND AND SOUTHBOUND UTILIZE ROUNDABOUT.

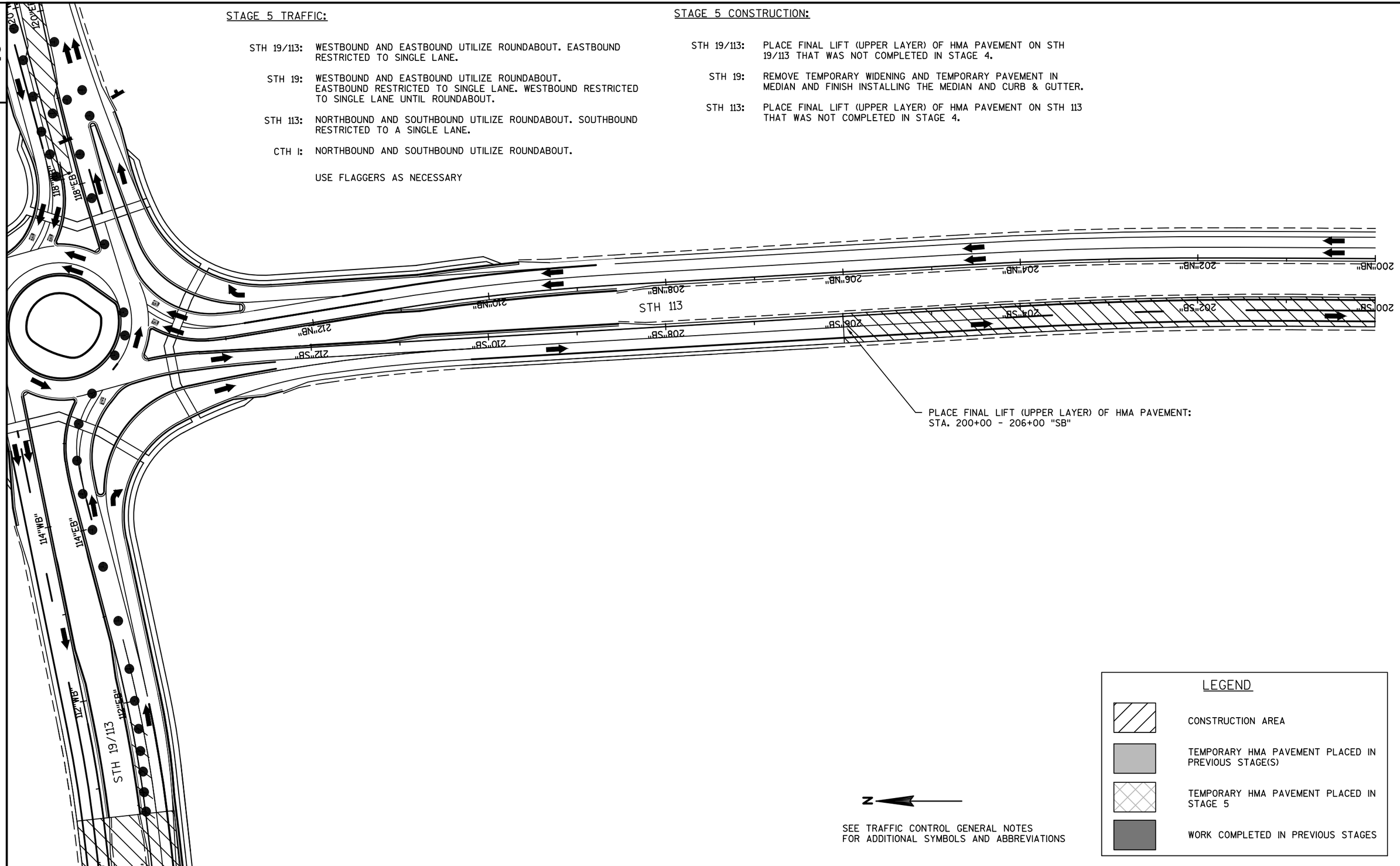
USE FLAGGERS AS NECESSARY

STAGE 5 CONSTRUCTION:

STH 19/113: PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT ON STH 19/113 THAT WAS NOT COMPLETED IN STAGE 4.

STH 19: REMOVE TEMPORARY WIDENING AND TEMPORARY PAVEMENT IN MEDIAN AND FINISH INSTALLING THE MEDIAN AND CURB & GUTTER.

STH 113: PLACE FINAL LIFT (UPPER LAYER) OF HMA PAVEMENT ON STH 113 THAT WAS NOT COMPLETED IN STAGE 4.



LEGEND

- CONSTRUCTION AREA
- TEMPORARY HMA PAVEMENT PLACED IN PREVIOUS STAGE(S)
- TEMPORARY HMA PAVEMENT PLACED IN STAGE 5
- WORK COMPLETED IN PREVIOUS STAGES

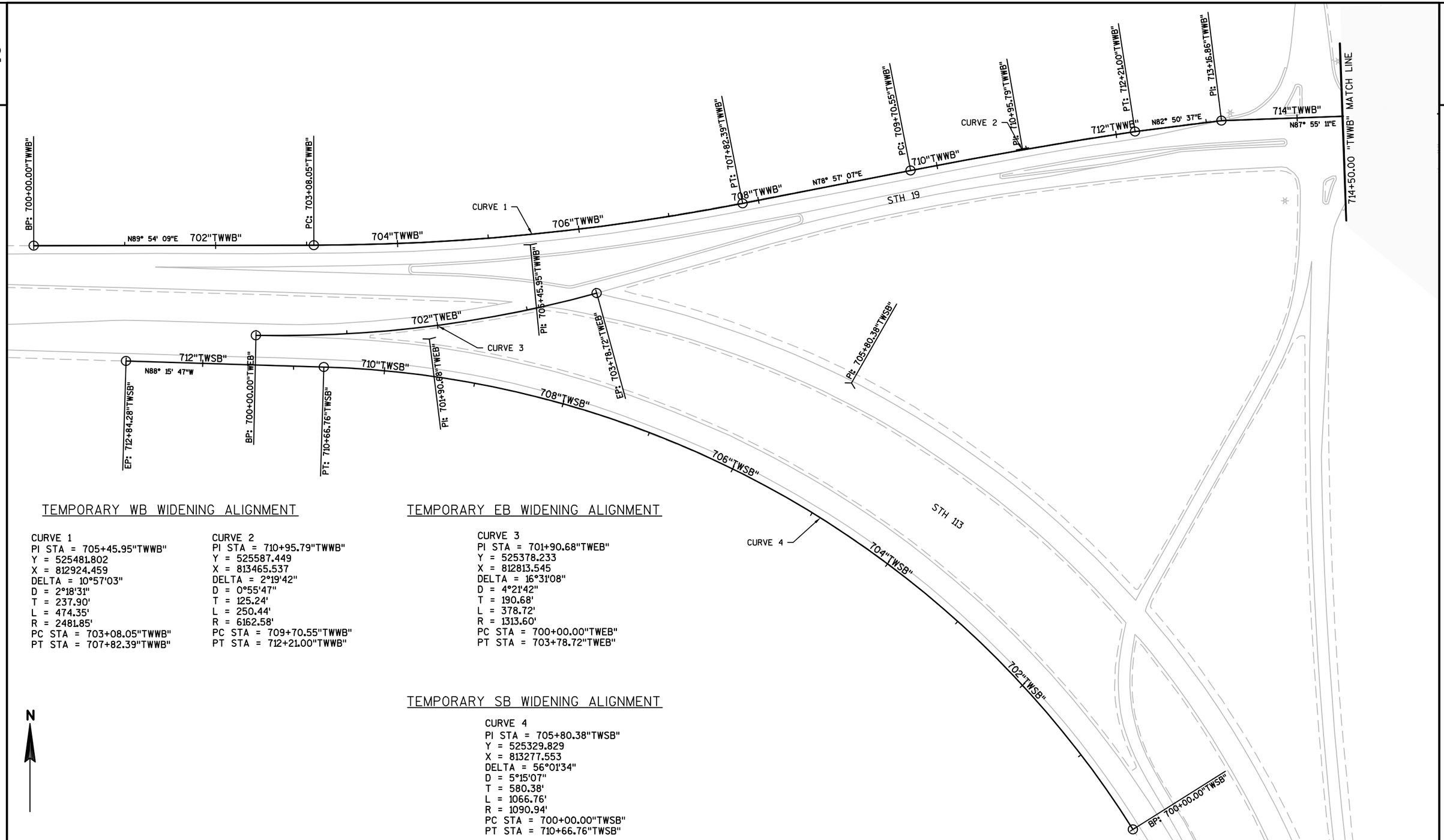
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SEE TRAFFIC CONTROL GENERAL NOTES FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	TRAFFIC CONTROL - STAGE 5	SHEET E

PRE_97

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\025005_TC.DWG
LAYOUT NAME - 025005_TC - TC_025005C
PLOT DATE : 6/27/2016 3:39 PM PLOT BY : PAYNE, GREGORY A PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



TEMPORARY WB WIDENING ALIGNMENT

CURVE 1
PI STA = 705+45.95"TWWB"
Y = 525481.802
X = 812924.459
DELTA = 10°57'03"
D = 2°18'31"
T = 237.90'
L = 474.35'
R = 2481.85'
PC STA = 703+08.05"TWWB"
PT STA = 707+82.39"TWWB"

CURVE 2
PI STA = 710+95.79"TWWB"
Y = 525587.449
X = 813465.537
DELTA = 2°19'42"
D = 0°55'47"
T = 125.24'
L = 250.44'
R = 6162.58'
PC STA = 709+70.55"TWWB"
PT STA = 712+21.00"TWWB"

TEMPORARY EB WIDENING ALIGNMENT

CURVE 3
PI STA = 701+90.68"TWEB"
Y = 525378.233
X = 812813.545
DELTA = 16°31'08"
D = 4°21'42"
T = 190.68'
L = 378.72'
R = 1313.60'
PC STA = 700+00.00"TWEB"
PT STA = 703+78.72"TWEB"

TEMPORARY SB WIDENING ALIGNMENT

CURVE 4
PI STA = 705+80.38"TWSB"
Y = 525329.829
X = 813277.553
DELTA = 56°01'34"
D = 5°15'07"
T = 580.38'
L = 1066.76'
R = 1090.94'
PC STA = 700+00.00"TWSB"
PT STA = 710+66.76"TWSB"

N

NOTES

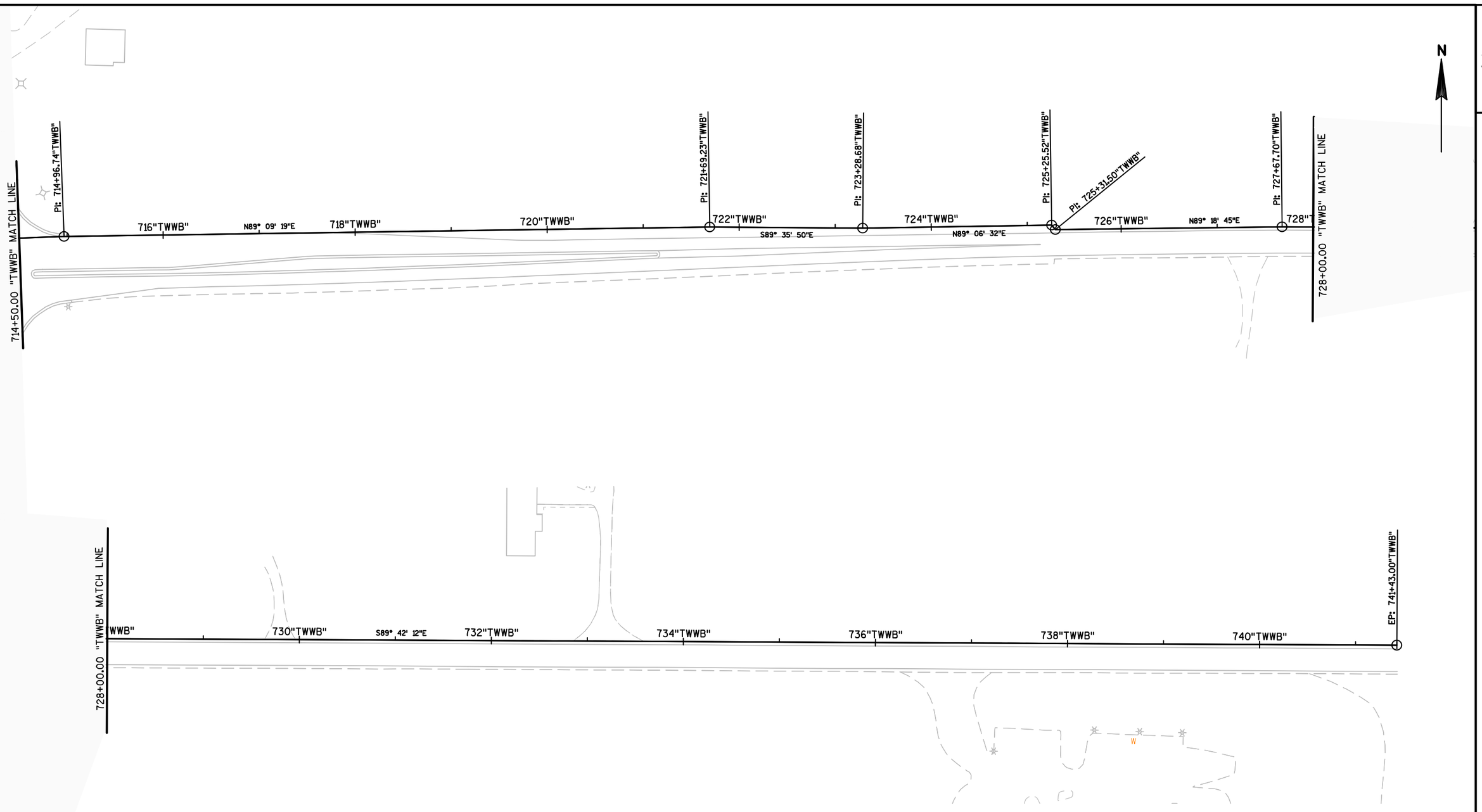
WIDENING ALIGNMENTS FOLLOW EDGE OF EXISTING PAVED SHOULDER

TE

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL - STAGE 1	SHEET E

PRE_98

2

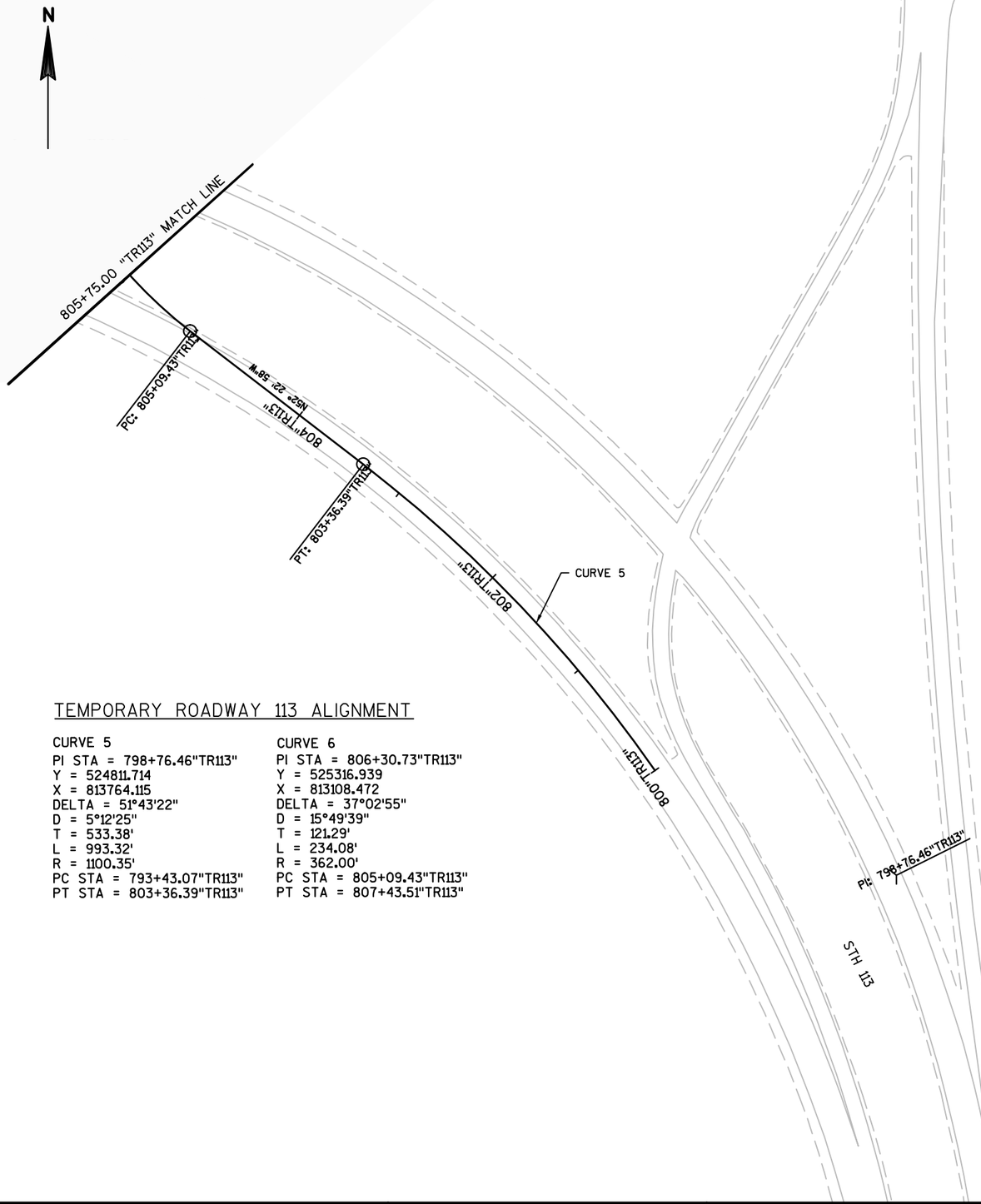


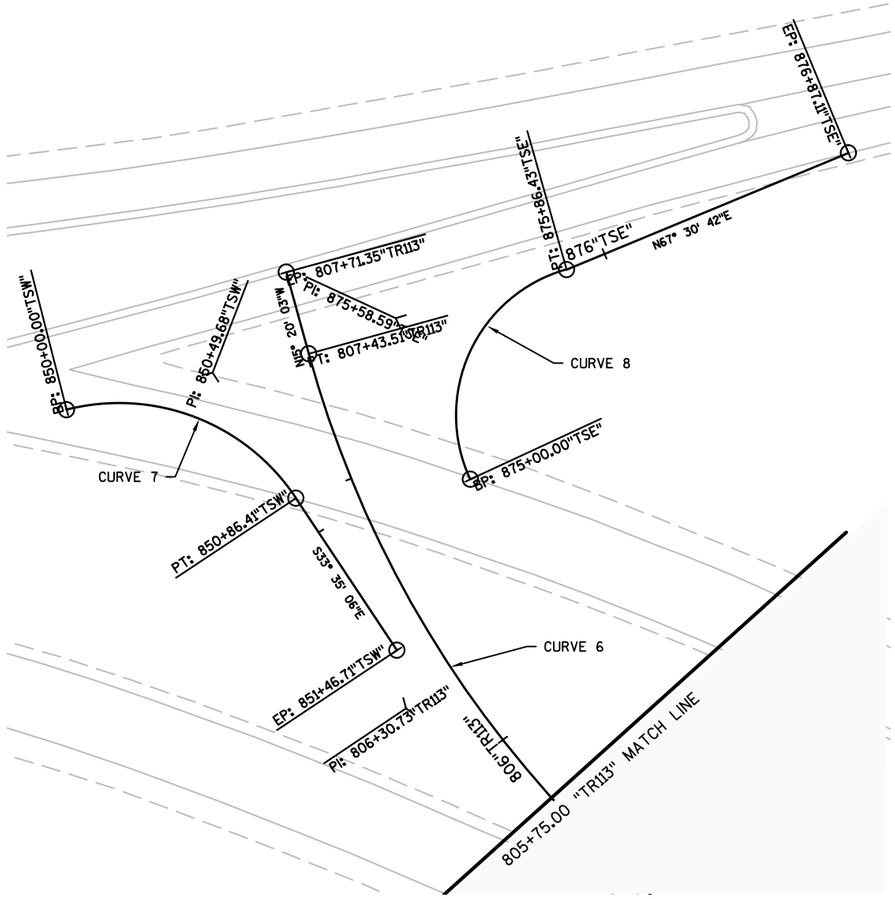
NOTES

WIDENING ALIGNMENTS FOLLOW EDGE OF EXISTING PAVED SHOULDER

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL - STAGE 1	SHEET E

PRE_99





TEMPORARY ROADWAY 113 ALIGNMENT

CURVE 5	CURVE 6
PI STA = 798+76.46"TR113"	PI STA = 806+30.73"TR113"
Y = 524811.714	Y = 525316.939
X = 813764.115	X = 813108.472
DELTA = 51°43'22"	DELTA = 37°02'55"
D = 5°12'25"	D = 15°49'39"
T = 533.38'	T = 121.29'
L = 993.32'	L = 234.08'
R = 1100.35'	R = 362.00'
PC STA = 793+43.07"TR113"	PC STA = 805+09.43"TR113"
PT STA = 803+36.39"TR113"	PT STA = 807+43.51"TR113"

TEMPORARY SW RADIUS RETURN ALIGNMENT

CURVE 7
PI STA = 850+49.68
Y = 525427.655
X = 813044.686
DELTA = 70°43'50"
D = 81°51'04"
T = 49.68'
L = 86.41'
R = 70.00'
PC STA = 850+00.00
PT STA = 850+86.41

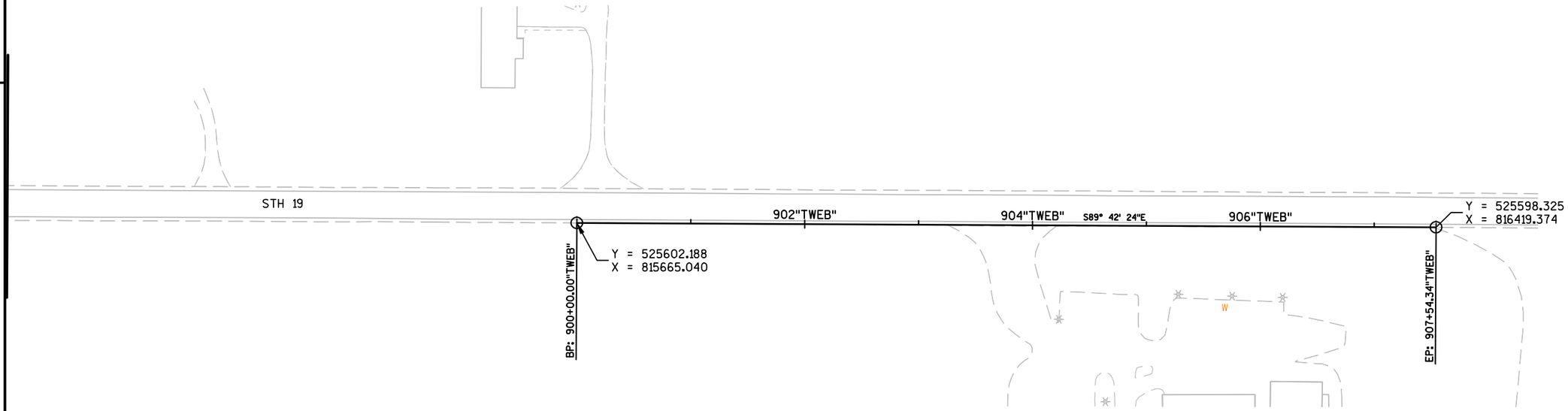
TEMPORARY SE RADIUS RETURN ALIGNMENT

CURVE 8
PI STA = 875+58.59
Y = 525445.646
X = 813105.115
DELTA = 99°02'31"
D = 114°35'30"
T = 58.59'
L = 86.43'
R = 50.00'
PC STA = 875+00.00
PT STA = 875+86.43

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL - STAGE 2	SHEET E

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\027208_AD TEMPORARY STAGE 2.DWG
LAYOUT NAME - 027208_AD TEMPORARY STAGE 2 - 027208A_AD
PLOT DATE : 6/27/2016 3:43 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



NOTES

WIDENING ALIGNMENTS FOLLOW EDGE OF EXISTING PAVED SHOULDER



PROJECT NO:5290-02-70	HWY:STH 19	COUNTY:DANE	ALIGNMENT DETAIL - STAGE 3	SHEET E

PRE_101

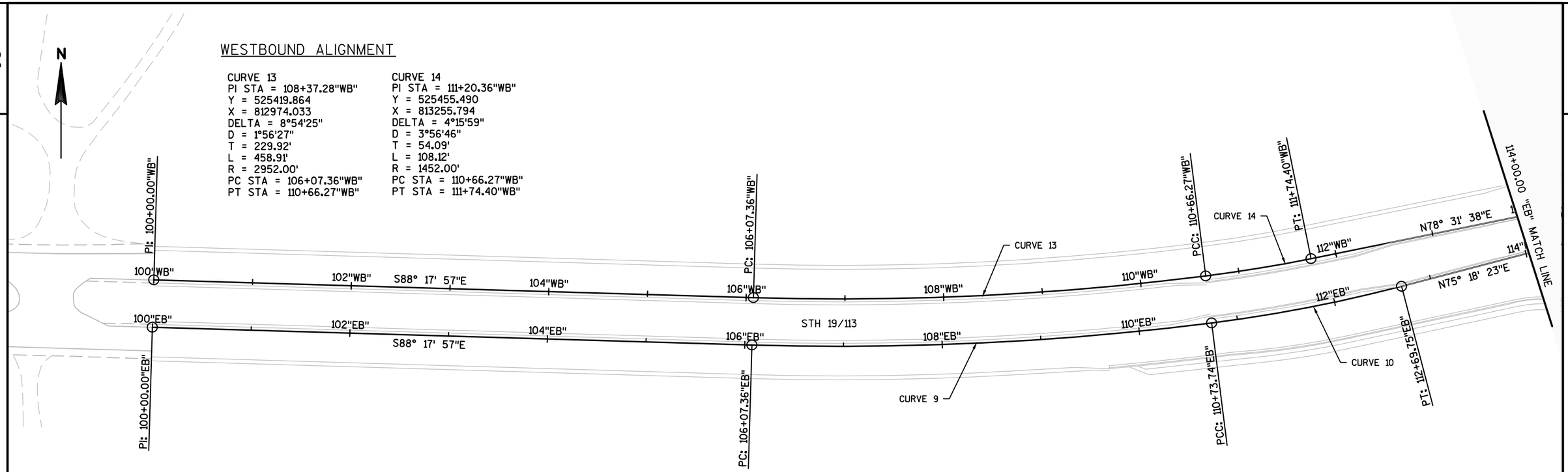
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\027208_AD TEMPORARY STAGE 3.DWG
LAYOUT NAME - 027208_AD TEMPORARY STAGE 3 - 027208A_AD STAGE 3
PLOT DATE : 6/27/2016 3:44 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

WESTBOUND ALIGNMENT

CURVE 13
PI STA = 108+37.28"WB"
Y = 525419.864
X = 812974.033
DELTA = 8°54'25"
D = 1°56'27"
T = 229.92'
L = 458.91'
R = 2952.00'
PC STA = 106+07.36"WB"
PT STA = 110+66.27"WB"

CURVE 14
PI STA = 111+20.36"WB"
Y = 525455.490
X = 813255.794
DELTA = 4°15'59"
D = 3°56'46"
T = 54.09'
L = 108.12'
R = 1452.00'
PC STA = 110+66.27"WB"
PT STA = 111+74.40"WB"



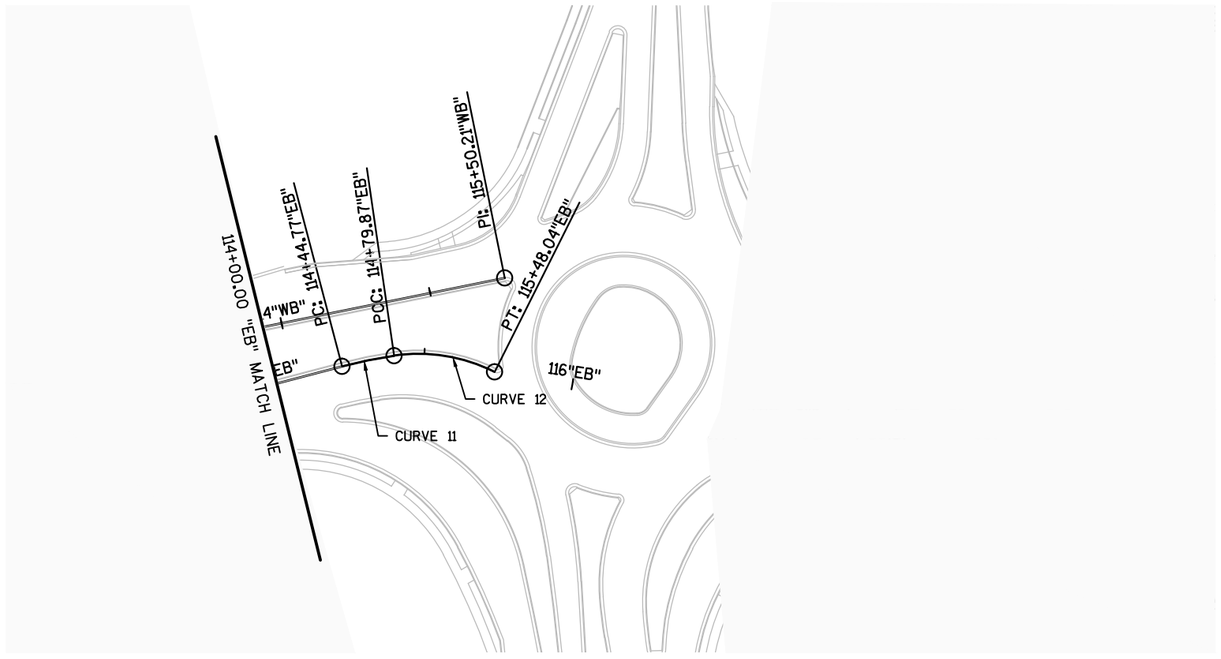
EASTBOUND ALIGNMENT

CURVE 9
PI STA = 108+41.02"EB"
Y = 525371.774
X = 812976.345
DELTA = 8°54'25"
D = 1°54'35"
T = 233.66'
L = 466.37'
R = 3000.00'
PC STA = 106+07.36"EB"
PT STA = 110+73.74"EB"

CURVE 10
PI STA = 111+71.88"EB"
Y = 525413.396
X = 813305.528
DELTA = 7°29'14"
D = 3°49'11"
T = 98.15'
L = 196.01'
R = 1500.00'
PC STA = 110+73.74"EB"
PT STA = 112+69.75"EB"

CURVE 11
PI STA = 114+62.33"EB"
Y = 525487.139
X = 813586.751
DELTA = 6°26'45"
D = 18°21'51"
T = 17.57'
L = 35.10'
R = 312.00'
PC STA = 114+44.77"EB"
PT STA = 114+79.87"EB"

CURVE 12
PI STA = 115+15.04"EB"
Y = 525494.706
X = 813638.952
DELTA = 34°52'23"
D = 51°09'25"
T = 35.18'
L = 68.17'
R = 112.00'
PC STA = 114+79.87"EB"
PT STA = 115+48.04"EB"



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL	SHEET E

PRE_102

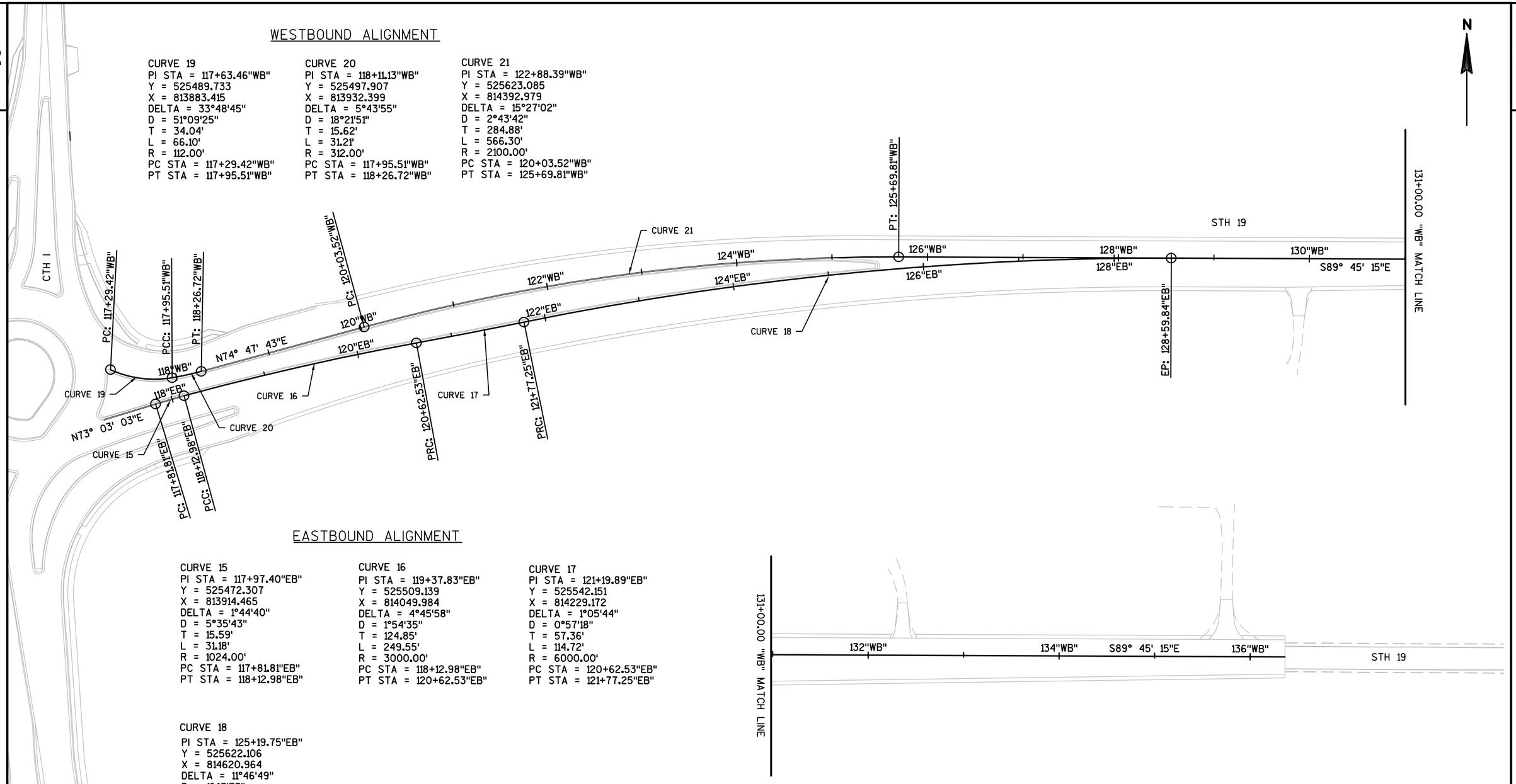
2

WESTBOUND ALIGNMENT

CURVE 19
PI STA = 117+63.46"WB"
Y = 525489.733
X = 813883.415
DELTA = 33°48'45"
D = 51°09'25"
T = 34.04'
L = 66.10'
R = 112.00'
PC STA = 117+29.42"WB"
PT STA = 117+95.51"WB"

CURVE 20
PI STA = 118+11.13"WB"
Y = 525497.907
X = 813932.399
DELTA = 5°43'55"
D = 18°21'51"
T = 15.62'
L = 31.21'
R = 312.00'
PC STA = 117+95.51"WB"
PT STA = 118+26.72"WB"

CURVE 21
PI STA = 122+88.39"WB"
Y = 525623.085
X = 814392.979
DELTA = 15°27'02"
D = 2°43'42"
T = 284.88'
L = 566.30'
R = 2100.00'
PC STA = 120+03.52"WB"
PT STA = 125+69.81"WB"



EASTBOUND ALIGNMENT

CURVE 15
PI STA = 117+97.40"EB"
Y = 525472.307
X = 813914.465
DELTA = 1°44'40"
D = 5°35'43"
T = 15.59'
L = 31.18'
R = 1024.00'
PC STA = 117+81.81"EB"
PT STA = 118+12.98"EB"

CURVE 16
PI STA = 119+37.83"EB"
Y = 525509.139
X = 814049.984
DELTA = 4°45'58"
D = 1°54'35"
T = 124.85'
L = 249.55'
R = 3000.00'
PC STA = 118+12.98"EB"
PT STA = 120+62.53"EB"

CURVE 17
PI STA = 121+19.89"EB"
Y = 525542.151
X = 814229.172
DELTA = 1°05'44"
D = 0°57'18"
T = 57.36'
L = 114.72'
R = 6000.00'
PC STA = 120+62.53"EB"
PT STA = 121+77.25"EB"

CURVE 18
PI STA = 125+19.75"EB"
Y = 525622.106
X = 814620.964
DELTA = 11°46'49"
D = 1°43'33"
T = 342.51'
L = 682.60'
R = 3320.00'
PC STA = 121+77.25"EB"
PT STA = 128+59.84"EB"

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL	SHEET E

PRE_103

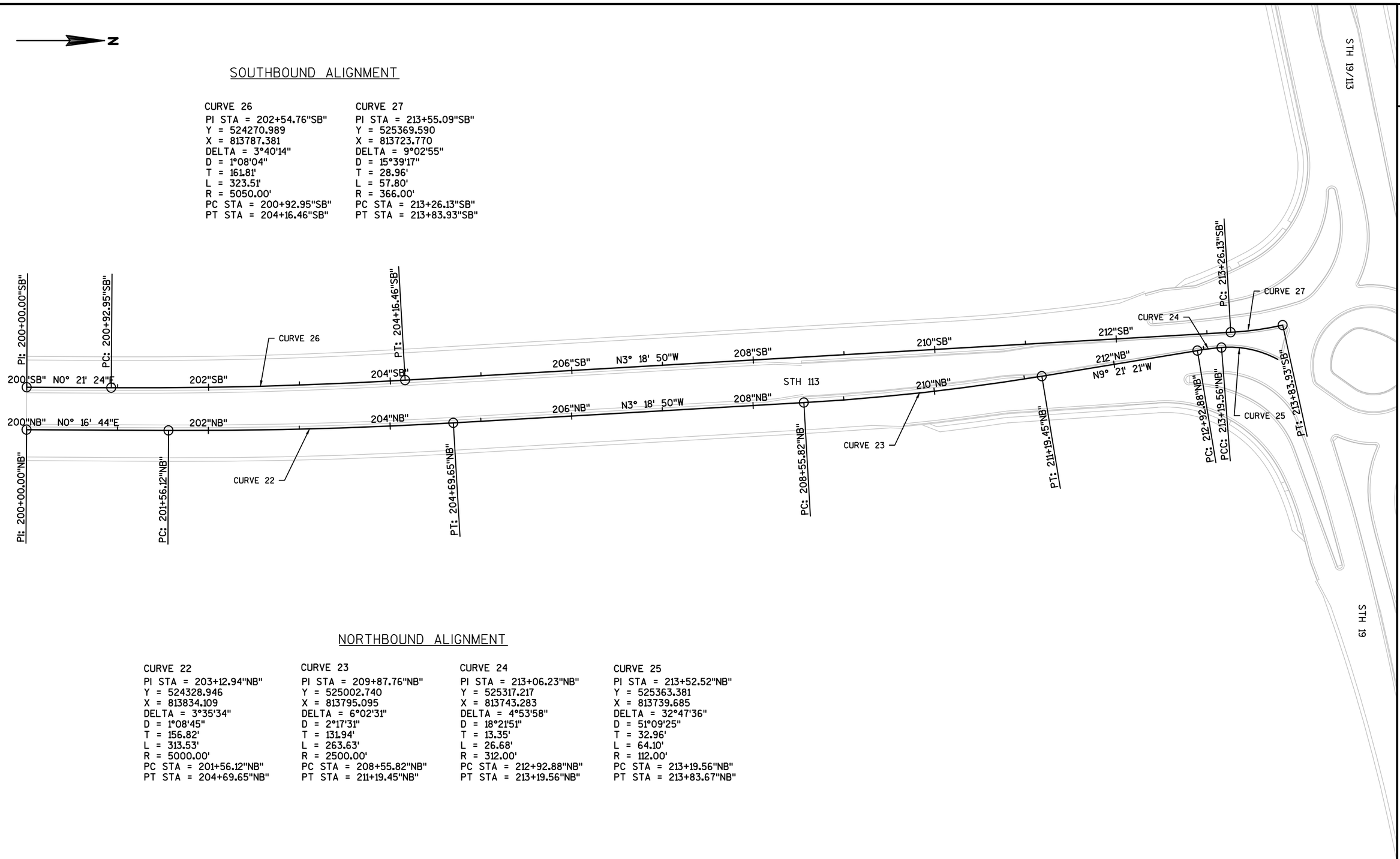
2

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SOUTHBOUND ALIGNMENT

CURVE 26
PI STA = 202+54.76"SB"
Y = 524270.989
X = 813787.381
DELTA = 3°40'14"
D = 1°08'04"
T = 161.81'
L = 323.51'
R = 5050.00'
PC STA = 200+92.95"SB"
PT STA = 204+16.46"SB"

CURVE 27
PI STA = 213+55.09"SB"
Y = 525369.590
X = 813723.770
DELTA = 9°02'55"
D = 15°39'17"
T = 28.96'
L = 57.80'
R = 366.00'
PC STA = 213+26.13"SB"
PT STA = 213+83.93"SB"



NORTHBOUND ALIGNMENT

CURVE 22
PI STA = 203+12.94"NB"
Y = 524328.946
X = 813834.109
DELTA = 3°35'34"
D = 1°08'45"
T = 156.82'
L = 313.53'
R = 5000.00'
PC STA = 201+56.12"NB"
PT STA = 204+69.65"NB"

CURVE 23
PI STA = 209+87.76"NB"
Y = 525002.740
X = 813795.095
DELTA = 6°02'31"
D = 2°17'31"
T = 131.94'
L = 263.63'
R = 2500.00'
PC STA = 208+55.82"NB"
PT STA = 211+19.45"NB"

CURVE 24
PI STA = 213+06.23"NB"
Y = 525317.217
X = 813743.283
DELTA = 4°53'58"
D = 18°21'51"
T = 13.35'
L = 26.68'
R = 312.00'
PC STA = 212+92.88"NB"
PT STA = 213+19.56"NB"

CURVE 25
PI STA = 213+52.52"NB"
Y = 525363.381
X = 813739.685
DELTA = 32°47'36"
D = 51°09'25"
T = 32.96'
L = 64.10'
R = 112.00'
PC STA = 213+19.56"NB"
PT STA = 213+83.67"NB"

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL	SHEET E

PRE_104

2

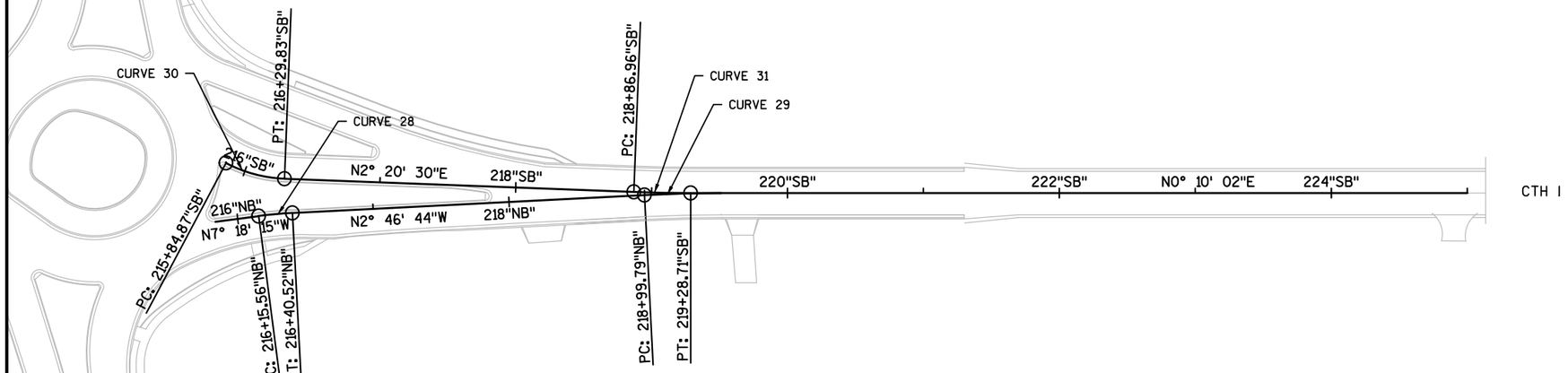
N

STH 19/113

SOUTHBOUND ALIGNMENT

CURVE 30
PI STA = 216+07.74"SB"
Y = 525614.556
X = 813770.338
DELTA = 25°45'38"
D = 57°17'45"
T = 22.87'
L = 44.96'
R = 100.00'
PC STA = 215+84.87"SB"
PT STA = 216+29.83"SB"

CURVE 31
PI STA = 219+07.84"SB"
Y = 525915.179
X = 813782.631
DELTA = 2°10'29"
D = 5°12'31"
T = 20.88'
L = 41.75'
R = 1100.00'
PC STA = 218+86.96"SB"
PT STA = 219+28.71"SB"



NORTHBOUND ALIGNMENT

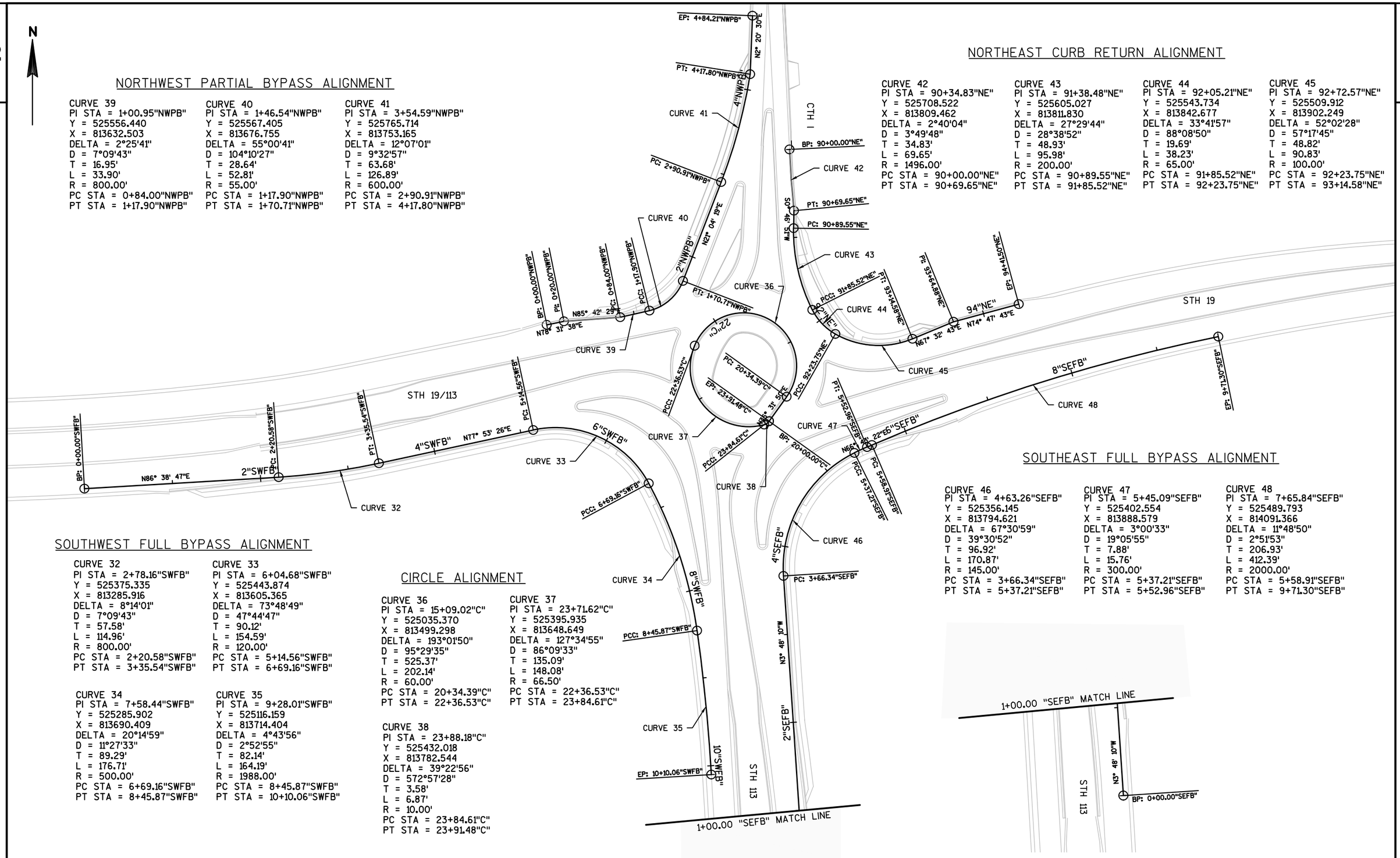
CURVE 28
PI STA = 216+28.04"NB"
Y = 525630.655
X = 813797.223
DELTA = 4°31'31"
D = 18°07'54"
T = 12.49'
L = 24.96'
R = 316.00'
PC STA = 216+15.56"NB"
PT STA = 216+40.52"NB"

CURVE 29
PI STA = 219+28.08"NB"
Y = 525930.348
X = 813782.676
DELTA = 2°56'46"
D = 5°12'31"
T = 28.29'
L = 56.56'
R = 1100.00'
PC STA = 218+99.79"NB"
PT STA = 219+56.35"NB"

STH 19

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\027202_AD.DWG
LAYOUT NAME - 027202_AD - 027202B_AD
PLOT DATE : 6/27/2016 3:44 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



NORTHWEST PARTIAL BYPASS ALIGNMENT

CURVE 39
PI STA = 1+00.95"NWPB"
Y = 525556.440
X = 813632.503
DELTA = 2°25'41"
D = 7°09'43"
T = 16.95'
L = 33.90'
R = 800.00'
PC STA = 0+84.00"NWPB"
PT STA = 1+17.90"NWPB"

CURVE 40
PI STA = 1+46.54"NWPB"
Y = 525567.405
X = 813676.755
DELTA = 55°00'41"
D = 104°10'27"
T = 28.64'
L = 52.81'
R = 55.00'
PC STA = 1+17.90"NWPB"
PT STA = 1+70.71"NWPB"

CURVE 41
PI STA = 3+54.59"NWPB"
Y = 525765.714
X = 813753.165
DELTA = 12°07'01"
D = 9°32'57"
T = 63.68'
L = 126.89'
R = 600.00'
PC STA = 2+90.91"NWPB"
PT STA = 4+17.80"NWPB"

NORTHEAST CURB RETURN ALIGNMENT

CURVE 42
PI STA = 90+34.83"NE"
Y = 525708.522
X = 813809.462
DELTA = 2°40'04"
D = 3°49'48"
T = 34.83'
L = 69.65'
R = 1496.00'
PC STA = 90+00.00"NE"
PT STA = 90+69.65"NE"

CURVE 43
PI STA = 91+38.48"NE"
Y = 525605.027
X = 813811.830
DELTA = 27°29'44"
D = 28°38'52"
T = 48.93'
L = 95.98'
R = 200.00'
PC STA = 90+89.55"NE"
PT STA = 91+85.52"NE"

CURVE 44
PI STA = 92+05.21"NE"
Y = 525543.734
X = 813842.677
DELTA = 33°41'57"
D = 88°08'50"
T = 19.69'
L = 38.23'
R = 65.00'
PC STA = 91+85.52"NE"
PT STA = 92+23.75"NE"

CURVE 45
PI STA = 92+72.57"NE"
Y = 525509.912
X = 813902.249
DELTA = 52°02'28"
D = 57°17'45"
T = 48.82'
L = 90.83'
R = 100.00'
PC STA = 92+23.75"NE"
PT STA = 93+14.58"NE"

SOUTHWEST FULL BYPASS ALIGNMENT

CURVE 32
PI STA = 2+78.16"SWFB"
Y = 525375.335
X = 813285.916
DELTA = 8°14'01"
D = 7°09'43"
T = 57.58'
L = 114.96'
R = 800.00'
PC STA = 2+20.58"SWFB"
PT STA = 3+35.54"SWFB"

CURVE 33
PI STA = 6+04.68"SWFB"
Y = 525443.874
X = 813605.365
DELTA = 73°48'49"
D = 47°44'47"
T = 90.12'
L = 154.59'
R = 120.00'
PC STA = 5+14.56"SWFB"
PT STA = 6+69.16"SWFB"

CURVE 34
PI STA = 7+58.44"SWFB"
Y = 525285.902
X = 813690.409
DELTA = 20°14'59"
D = 11°27'33"
T = 89.29'
L = 176.71'
R = 500.00'
PC STA = 6+69.16"SWFB"
PT STA = 8+45.87"SWFB"

CURVE 35
PI STA = 9+28.01"SWFB"
Y = 525116.159
X = 813714.404
DELTA = 4°43'56"
D = 2°52'55"
T = 82.14'
L = 164.19'
R = 1988.00'
PC STA = 8+45.87"SWFB"
PT STA = 10+10.06"SWFB"

CIRCLE ALIGNMENT

CURVE 36
PI STA = 15+09.02"C"
Y = 525035.370
X = 813499.298
DELTA = 193°01'50"
D = 95°29'35"
T = 525.37'
L = 202.14'
R = 60.00'
PC STA = 20+34.39"C"
PT STA = 22+36.53"C"

CURVE 37
PI STA = 23+71.62"C"
Y = 525395.935
X = 813648.649
DELTA = 127°34'55"
D = 86°09'33"
T = 135.09'
L = 148.08'
R = 66.50'
PC STA = 22+36.53"C"
PT STA = 23+84.61"C"

CURVE 38
PI STA = 23+88.18"C"
Y = 525432.018
X = 813782.544
DELTA = 39°22'56"
D = 572°57'28"
T = 3.58'
L = 6.87'
R = 10.00'
PC STA = 23+84.61"C"
PT STA = 23+91.48"C"

SOUTHEAST FULL BYPASS ALIGNMENT

CURVE 46
PI STA = 4+63.26"SEFB"
Y = 525356.145
X = 813794.621
DELTA = 67°30'59"
D = 39°30'52"
T = 96.92'
L = 170.87'
R = 145.00'
PC STA = 3+66.34"SEFB"
PT STA = 5+37.21"SEFB"

CURVE 47
PI STA = 5+45.09"SEFB"
Y = 525402.554
X = 813888.579
DELTA = 3°00'33"
D = 19°05'55"
T = 7.88'
L = 15.76'
R = 300.00'
PC STA = 5+37.21"SEFB"
PT STA = 5+52.96"SEFB"

CURVE 48
PI STA = 7+65.84"SEFB"
Y = 525489.793
X = 814091.366
DELTA = 11°48'50"
D = 2°51'53"
T = 206.93'
L = 412.39'
R = 2000.00'
PC STA = 5+58.91"SEFB"
PT STA = 9+71.30"SEFB"

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\027203_AD.DWG
LAYOUT NAME - 027203_AD - 027203A_AD
PLOT DATE : 6/27/2016 3:44 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

SOUTHBOUND RIGHT CURB RETURN

CURVE 56	CURVE 57	CURVE 58
PI STA = 60+37.84"SBR"	PI STA = 60+85.80"SBR"	PI STA = 61+22.97"SBR"
Y = 525569.618	Y = 525585.515	Y = 525615.134
X = 813685.689	X = 813730.998	X = 813754.348
DELTA = 5°24'59"	DELTA = 32°25'02"	DELTA = 35°54'29"
D = 7°09'43"	D = 163°42'08"	D = 67°24'24"
T = 37.84'	T = 10.17'	T = 27.54'
L = 75.63'	L = 19.80'	L = 53.27'
R = 800.00'	R = 35.00'	R = 85.00'
PC STA = 60+00.00"SBR"	PC STA = 60+75.63"SBR"	PC STA = 60+95.43"SBR"
PT STA = 60+75.63"SBR"	PT STA = 60+95.43"SBR"	PT STA = 61+48.70"SBR"

EASTBOUND RIGHT CURB RETURN

CURVE 51	CURVE 52
PI STA = 70+12.82"EBR"	PI STA = 70+68.90"EBR"
Y = 525460.672	Y = 525469.171
X = 813581.603	X = 813637.048
DELTA = 4°53'40"	DELTA = 46°47'49"
D = 19°05'55"	D = 57°17'45"
T = 12.82'	T = 43.27'
L = 25.63'	L = 81.68'
R = 300.00'	R = 100.00'
PC STA = 70+00.00"EBR"	PC STA = 70+25.63"EBR"
PT STA = 70+25.63"EBR"	PT STA = 71+07.30"EBR"

CURVE 53	CURVE 54
PI STA = 71+31.17"EBR"	PI STA = 71+72.87"EBR"
Y = 525427.759	Y = 525387.413
X = 813689.897	X = 813702.972
DELTA = 33°57'43"	DELTA = 9°51'43"
D = 143°14'22"	D = 16°22'13"
T = 12.21'	T = 30.20'
L = 23.71'	L = 60.24'
R = 40.00'	R = 350.00'
PC STA = 71+18.96"EBR"	PC STA = 71+42.67"EBR"
PT STA = 71+42.67"EBR"	PT STA = 72+02.91"EBR"

CURVE 55
PI STA = 72+54.44"EBR"
Y = 525306.508
X = 813714.477
DELTA = 3°56'04"
D = 3°49'11"
T = 51.52'
L = 103.00'
R = 1500.00'
PC STA = 72+02.91"EBR"
PT STA = 73+05.92"EBR"

SOUTHWEST BYPASS MEDIAN

CURVE 49	CURVE 50
PI STA = 10+95.88"SWM"	PI STA = 12+11.78"SWM"
Y = 525445.390	Y = 525302.970
X = 813666.408	X = 813697.955
DELTA = 77°15'03"	DELTA = 2°51'49"
D = 47°44'47"	D = 2°51'53"
T = 95.88'	T = 49.99'
L = 161.79'	L = 99.96'
R = 120.00'	R = 2000.00'
PC STA = 10+00.00"SWM"	PC STA = 11+61.79"SWM"
PT STA = 11+61.79"SWM"	PT STA = 12+61.75"SWM"

NORTHBOUND RIGHT CURB RETURN

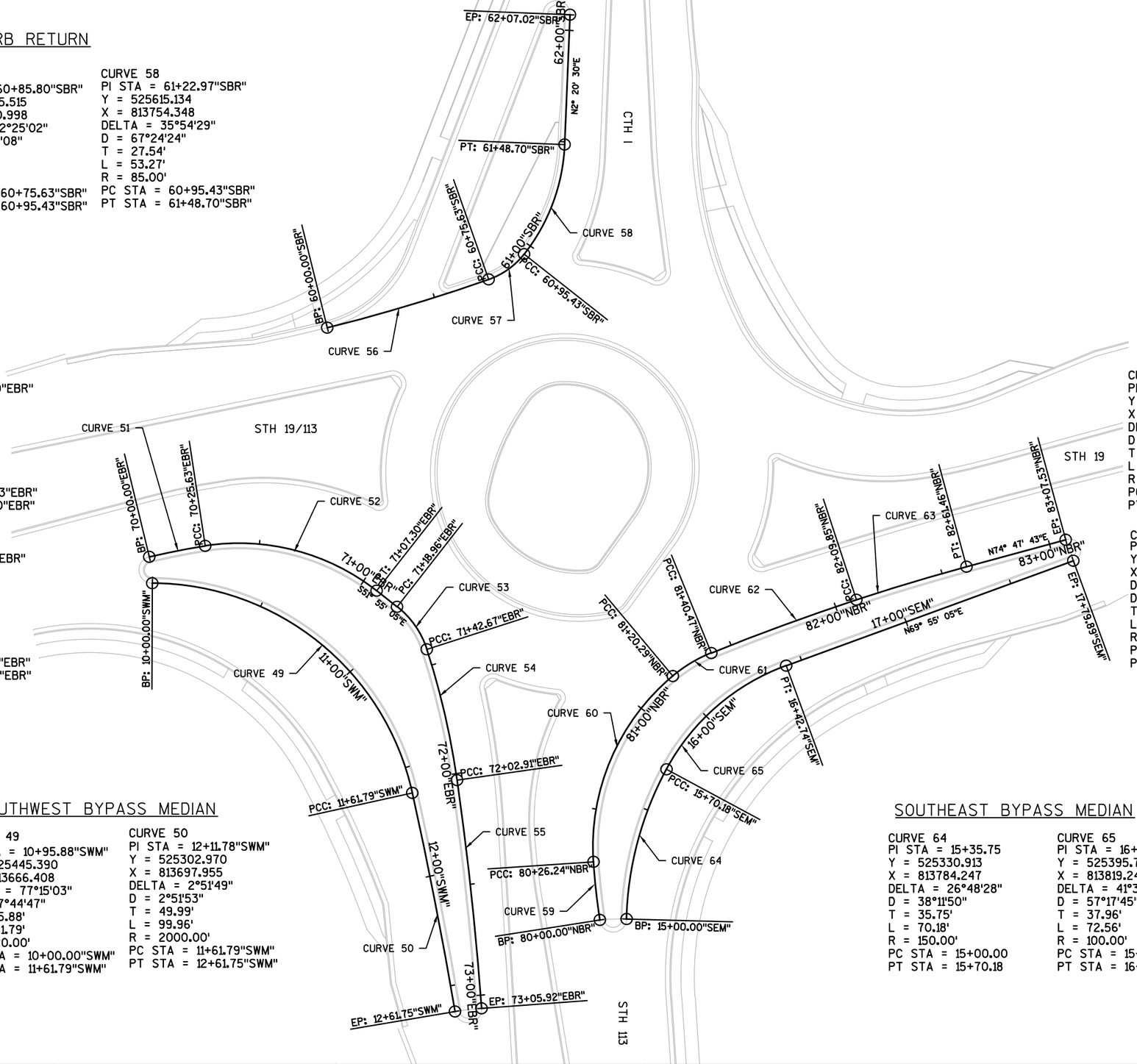
CURVE 59	CURVE 60
PI STA = 80+13.13"NBR"	PI STA = 80+77.07"NBR"
Y = 525307.726	Y = 525371.544
X = 813769.306	X = 813765.050
DELTA = 5°00'40"	DELTA = 53°53'25"
D = 19°05'55"	D = 57°17'45"
T = 13.13'	T = 50.83'
L = 26.24'	L = 94.06'
R = 300.00'	R = 100.00'
PC STA = 80+00.00"NBR"	PC STA = 80+26.24"NBR"
PT STA = 80+26.24"NBR"	PT STA = 81+20.29"NBR"

CURVE 61	CURVE 62
PI STA = 81+30.47"NBR"	PI STA = 81+75.18"NBR"
Y = 525410.696	Y = 525427.605
X = 813811.833	X = 813853.398
DELTA = 17°47'19"	DELTA = 3°58'29"
D = 88°08'50"	D = 5°43'46"
T = 10.17'	T = 34.70'
L = 20.18'	L = 69.37'
R = 65.00'	R = 1000.00'
PC STA = 81+20.29"NBR"	PC STA = 81+40.47"NBR"
PT STA = 81+40.47"NBR"	PT STA = 82+09.85"NBR"

CURVE 63
PI STA = 82+35.66"NBR"
Y = 525446.466
X = 813910.896
DELTA = 2°57'25"
D = 5°43'46"
T = 25.81'
L = 51.61'
R = 1000.00'
PC STA = 82+09.85"NBR"
PT STA = 82+61.46"NBR"

SOUTHEAST BYPASS MEDIAN

CURVE 64	CURVE 65
PI STA = 15+35.75	PI STA = 16+08.14"SEM"
Y = 525330.913	Y = 525395.785
X = 813784.247	X = 813819.240
DELTA = 26°48'28"	DELTA = 41°34'31"
D = 38°11'50"	D = 57°17'45"
T = 35.75'	T = 37.96'
L = 70.18'	L = 72.56'
R = 150.00'	R = 100.00'
PC STA = 15+00.00	PC STA = 15+70.18"SEM"
PT STA = 15+70.18	PT STA = 16+42.74"SEM"



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\027204_AD.DWG
LAYOUT NAME - 027204_AD - 027204A_AD
PLOT DATE : 6/27/2016 3:45 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

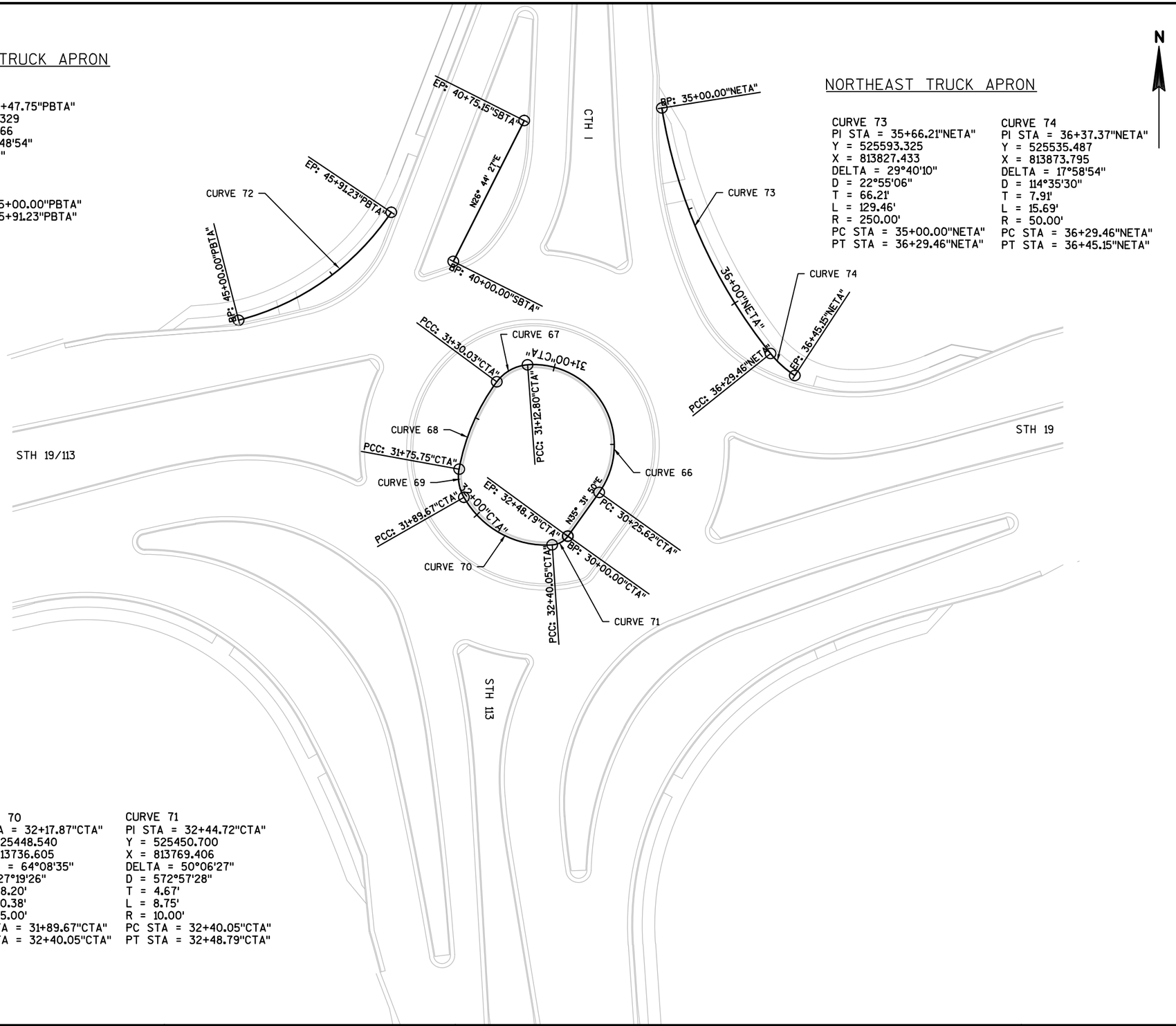
PARTIAL BYPASS TRUCK APRON

CURVE 72
PI STA = 45+47.75"PBTA"
Y = 525569.329
X = 813661.366
DELTA = 41°48'54"
D = 45°50'12"
T = 47.75'
L = 91.23'
R = 125.00'
PC STA = 45+00.00"PBTA"
PT STA = 45+91.23"PBTA"

NORTHEAST TRUCK APRON

CURVE 73
PI STA = 35+66.21"NETA"
Y = 525593.325
X = 813827.433
DELTA = 29°40'10"
D = 22°55'06"
T = 66.21'
L = 129.46'
R = 250.00'
PC STA = 35+00.00"NETA"
PT STA = 36+29.46"NETA"

CURVE 74
PI STA = 36+37.37"NETA"
Y = 525535.487
X = 813873.795
DELTA = 17°58'54"
D = 114°35'30"
T = 7.91'
L = 15.69'
R = 50.00'
PC STA = 36+29.46"NETA"
PT STA = 36+45.15"NETA"



CIRCLE TRUCK APRON

CURVE 66
PI STA = 31+07.71"CTA"
Y = 525542.217
X = 813834.818
DELTA = 129°44'55"
D = 148°49'13"
T = 82.09'
L = 87.18'
R = 38.50'
PC STA = 30+25.62"CTA"
PT STA = 31+12.80"CTA"

CURVE 67
PI STA = 31+21.99"CTA"
Y = 525535.503
X = 813743.786
DELTA = 49°20'37"
D = 286°28'44"
T = 9.19'
L = 17.22'
R = 20.00'
PC STA = 31+12.80"CTA"
PT STA = 31+30.03"CTA"

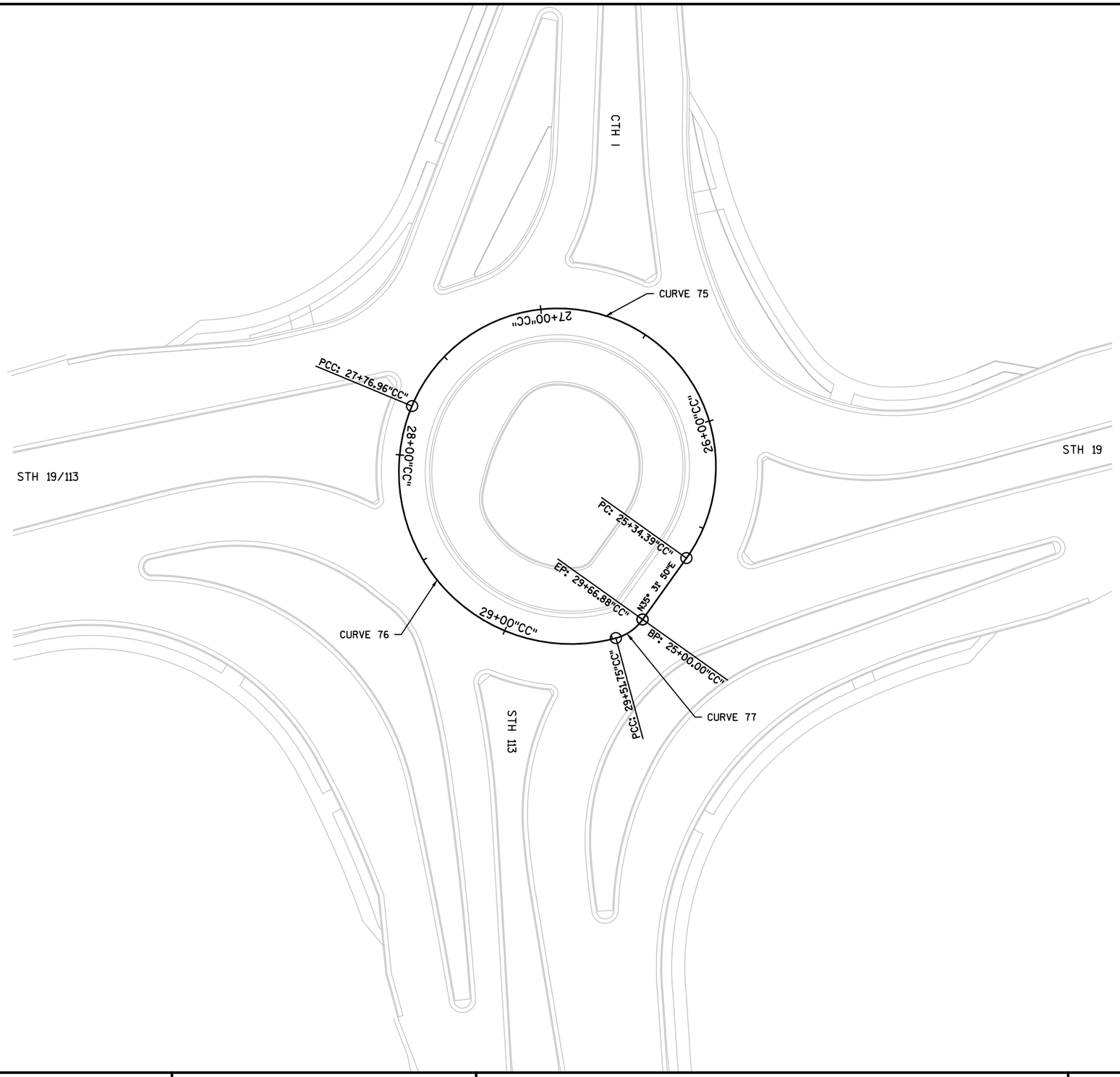
CURVE 68
PI STA = 31+53.30"CTA"
Y = 525509.392
X = 813724.508
DELTA = 26°11'55"
D = 57°17'45"
T = 23.27'
L = 45.73'
R = 100.00'
PC STA = 31+30.03"CTA"
PT STA = 31+75.75"CTA"

CURVE 69
PI STA = 31+83.01"CTA"
Y = 525479.356
X = 813719.082
DELTA = 39°51'52"
D = 286°28'44"
T = 7.25'
L = 13.92'
R = 20.00'
PC STA = 31+75.75"CTA"
PT STA = 31+89.67"CTA"

CURVE 70
PI STA = 32+17.87"CTA"
Y = 525448.540
X = 813736.605
DELTA = 64°08'35"
D = 127°19'26"
T = 28.20'
L = 50.38'
R = 45.00'
PC STA = 31+89.67"CTA"
PT STA = 32+40.05"CTA"

CURVE 71
PI STA = 32+44.72"CTA"
Y = 525450.700
X = 813769.406
DELTA = 50°06'27"
D = 572°57'28"
T = 4.67'
L = 8.75'
R = 10.00'
PC STA = 32+40.05"CTA"
PT STA = 32+48.79"CTA"

2



CIRCLE ROADWAY CROWN

CURVE 75
PI STA = 19+03.97"CC"
Y = 524942.907
X = 813448.016
DELTA = 193°01'52"
D = 79°34'39"
T = 630.41'
L = 242.57'
R = 72.00'
PC STA = 25+34.39"CC"
PT STA = 27+76.96"CC"

CURVE 76
PI STA = 29+36.43"CC"
Y = 525378.006
X = 813628.235
DELTA = 127°34'54"
D = 72°59'18"
T = 159.47'
L = 174.80'
R = 78.50'
PC STA = 27+76.96"CC"
PT STA = 29+51.75"CC"

CURVE 77
PI STA = 29+59.63"CC"
Y = 525421.548
X = 813789.813
DELTA = 39°23'01"
D = 260°26'07"
T = 7.87'
L = 15.12'
R = 22.00'
PC STA = 29+51.75"CC"
PT STA = 29+66.88"CC"

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAIL	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\027206_AD.DWG
LAYOUT NAME - 027206_AD - 027206A_AD
PLOT DATE : 6/27/2016 3:45 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET

5290-02-20

MAZOMANIE - SUN PRAIRIE

STH 113 INTERSECTION

STH 19

DANE COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
FEE ACQUISITION AREA (MATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (HIGHWAY, PERMANENT LIMITED, OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
NATIONAL GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT

SECTION CORNER
NOTATION FOR COMBUSTABLE FLUIDS
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES
BRIDGE

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN
VALVE (GAS, WATER, ETC.)
SIGN
OFF-PREMISE SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	▯
TELEPHONE POLE	●	Ø
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	◉	⊗

ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)

PARCEL NUMBER 25
UTILITY NUMBER 40

CONVENTIONAL ABBREVIATIONS

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

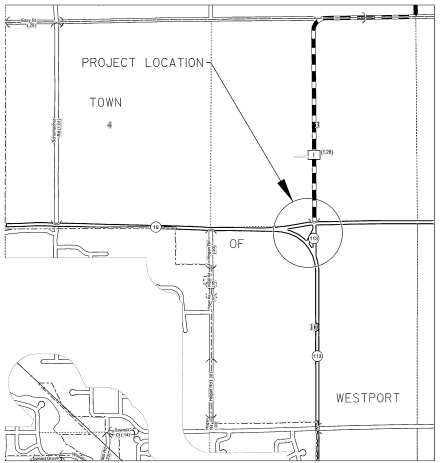
CURVE DATA

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

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 —STO—

R 9 E



R 9 E

LAYOUT
SCALE 0 1/4 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5290-02-20.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4" X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION 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 MADISON.

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

EXISTING HIGHWAY RIGHT OF WAY FOR STH 19 & STH 113 ESTABLISHED FROM PREVIOUS PROJECTS 5291-1-21, T021912, CSM 7474, CSM 4376 AND PLAT OF SURVEY (2004-00368).

EXISTING HIGHWAY RIGHT OF WAY FOR CTH I ESTABLISHED FROM PREVIOUS PROJECTS T021912, CSM 4376, CSM 13861, CSM 2182 AND PLAT OF SURVEY (94-0330).

EXISTING ACCESS CONTROL ALONG STH 19 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECTS 5291-1-21 AND T021912.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5290-02-20 - 4.01
SHEET 2 OF 2
AMENDMENT NO:

FILE NAME : N:\PDS\RW-PLAT\52900200\040400.DWG
APPRAISAL PLAT DATE :
PLOT DATE :
PLOT BY : CLARK, CLYDE J
PLOT NAME :

TRANSPORTATION PROJECT PLAT NO: 5290-02-20 - 4.01

THAT PART OF LOTS 1 & 2, CSM 2182; LOTS 1 & 2, CSM 13861; LOT 1, CSM 7474 ALL LOCATED IN AND ALSO INCLUDING PART OF THE SW¼ OF THE SE¼ AND THE SE¼ OF THE SE¼ OF SECTION 3. ALSO THAT PART OF LOT 1, CSM 4376 LOCATED IN AND ALSO INCLUDING PART OF THE SE¼ OF THE SW¼ OF SECTION 3; ALSO THAT PART OF THE NW¼ OF THE NE¼ OF SECTION 10; ALL IN T 8 N, R 9 E, TOWN OF WESTPORT, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - SUN PRAIRIE (STH 113 INTERSECTION)

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.

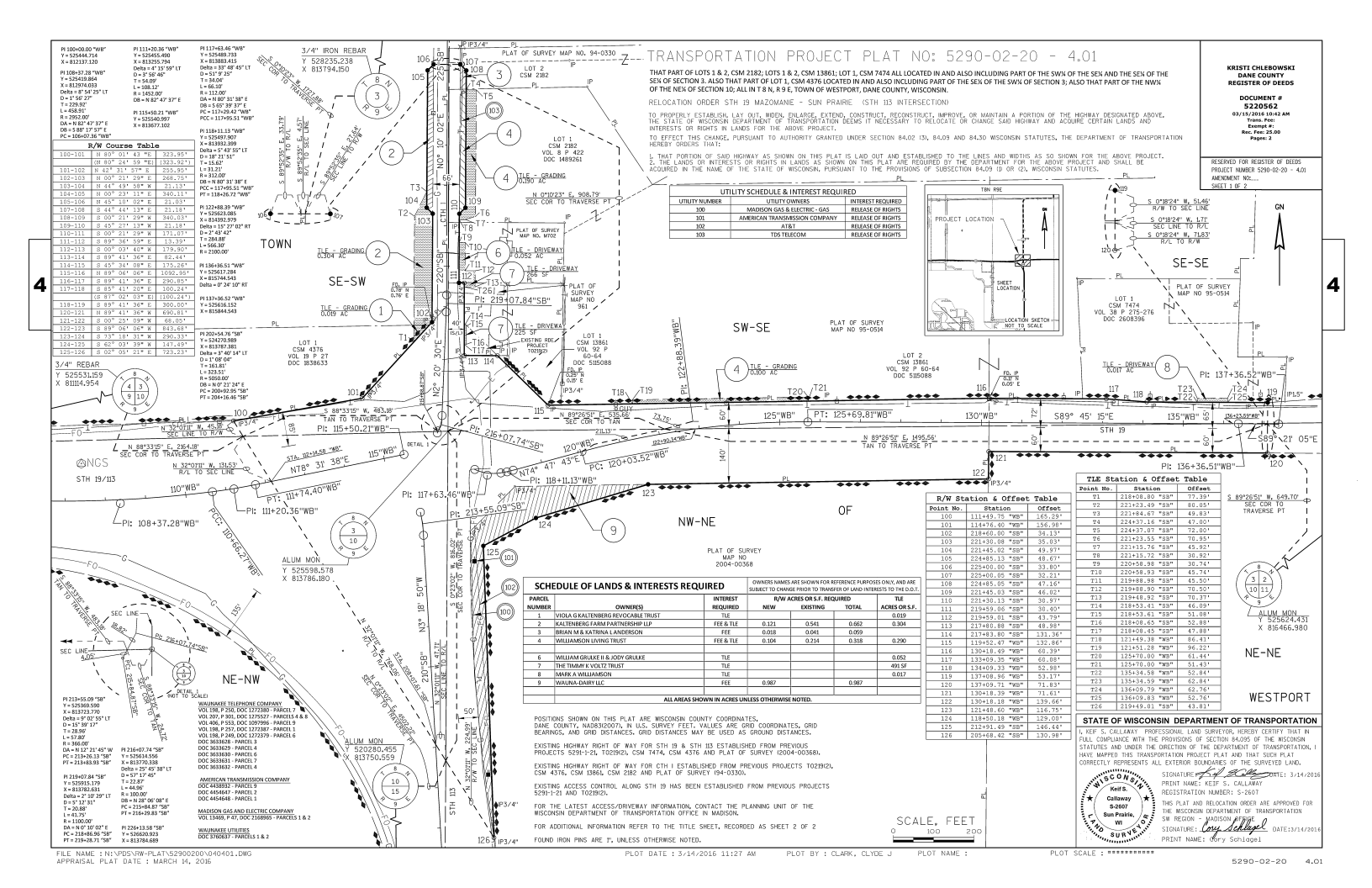
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (1), 84.09 AND 84.30 WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5220562
03/15/2016 10:42 AM
Trans. Fee:
Exempt #:
Rec. Fee: 25.00
Pages: 2

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5290-02-20 - 4.01
AMENDMENT NO:__
SHEET 1 OF 2


PI 100+00.00 "WB"
Y = 525464.714
X = 812137.120
PI 108+37.28 "WB"
Y = 525430.864
X = 812974.033
Delta = 8° 54' 25" LT
D = 1° 56' 27"
T = 229.92'
L = 458.91'
R = 2952.00'
DA = N 82° 47' 37" E
DB = S 88° 17' 57" E
PC = 106+07.36 "WB"
PI 111+20.36 "WB"
Y = 525455.400
X = 813255.794
Delta = 4° 13' 59" LT
D = 3° 56' 46"
T = 54.09'
L = 108.12'
R = 1452.00'
DB = N 82° 47' 37" E
PI 115+50.21 "WB"
Y = 525540.997
X = 813677.102
PI 117+63.46 "WB"
Y = 525484.733
X = 813883.415
Delta = 33° 48' 45" LT
D = 51° 9' 25"
T = 34.04'
L = 66.10'
R = 112.00'
DA = N 80° 31' 38" E
DB = S 65° 39' 37" E
PC = 117+29.42 "WB"
PCC = 117+95.51 "WB"
PI 118+11.13 "WB"
Y = 525497.907
X = 813932.399
Delta = 3° 43' 55" LT
D = 18° 21' 51"
T = 15.62'
L = 31.21'
R = 312.00'
DB = N 80° 31' 38" E
PCC = 117+95.51 "WB"
PT = 118+26.72 "WB"
PI 122+88.39 "WB"
Y = 525623.085
X = 814393.979
Delta = 15° 27' 02" RT
D = 2° 43' 42"
T = 284.88'
L = 566.30'
R = 2100.00'
PI 136+36.51 "WB"
Y = 525617.284
X = 815744.543
Delta = 0° 24' 10" RT
PI 137+36.52 "WB"
Y = 525616.152
X = 815844.543
PI 202+54.76 "SB"
Y = 524701.989
X = 813787.385
Delta = 3° 40' 14" LT
D = 1° 08' 04"
T = 161.81'
L = 323.51'
R = 5050.00'
DB = N 0° 21' 24" E
PC = 200+92.95 "SB"
PT = 204+16.46 "SB"
3/4" IRON REBAR
Y 528235.238
X 813794.150
3/4" REBAR
Y 525531.159
X 811114.954
ALUM MON
Y 525598.578
X 813786.180
ALUM MON
Y 520280.455
X 813750.559
PLAT OF SURVEY MAP NO. 94-0330
PLAT OF SURVEY MAP NO. 9702
PLAT OF SURVEY MAP NO 961
PLAT OF SURVEY MAP NO 95-0514
PLAT OF SURVEY MAP NO 2004-00368
PLAT OF SURVEY MAP NO 95-0514
LOT 1 CSM 2182 VOL 8 P 422 DOC 1489261
LOT 2 CSM 2182
LOT 1 CSM 4376 VOL 19 P 27 DOC 1838633
LOT 1 CSM 13861 VOL 92 P 60-64 DOC 5115088
LOT 2 CSM 13861 VOL 92 P 60-64 DOC 5115088
LOT 1 CSM 7474 VOL 38 P 275-276 DOC 2608396
TOWN
SE-SW
SW-SE
NW-NE
NE-NW
SE-SE
OF
WESTPORT
NE-NE
TLE - GRADING 0.304 AC
TLE - GRADING 0.019 AC
TLE - GRADING 0.000 AC
TLE - DRIVEWAY 0.052 AC
TLE - DRIVEWAY 266 SF
TLE - DRIVEWAY 225 SF
TLE - DRIVEWAY 0.017 AC
EXISTING RDC PROJECT 1001(8)
PROJECT LOCATION
SHEET LOCATION
LOCATION SKETCH NOT TO SCALE
T8N R9E
STH 19/113
STH 19
STH 113
CTH I
CTH N
CTH V
PI: 108+37.28"WB"
PI: 111+20.36"WB"
PI: 111+74.40"WB"
PI: 115+50.21"WB"
PI: 117+63.46"WB"
PI: 118+11.13"WB"
PI: 120+03.52"WB"
PI: 125+69.81"WB"
PI: 130"WB"
PI: 135"WB"
PI: 136+36.51"WB"
PI: 137+36.52"WB"
PI: 216+07.74"SB"
PI: 213+55.09"SB"
PI: 219+07.84"SB"
PI: 202+54.76"SB"
PI: 136+23.52"WB"
PC: 110+56.27"WB"
PT: 118+26.72"WB"
PC: 120+03.52"WB"
PT: 125+69.81"WB"
PI: 135+23.52"WB"
PI: 136+36.51"WB"
PI: 137+36.52"WB"
PI: 219+07.84"SB"
PI: 216+07.74"SB"
PI: 213+55.09"SB"
PI: 202+54.76"SB"
N 88°33'15" W, 783.18'
TAN TO TRANSVERSE PT
N 88°33'15" E, 2364.18'
SEC COR TO TRANSVERSE PT
N 32°07'31" W, 45.82'
SEC LINE TO R/W
N 32°07'31" W, 1513.53'
R/L TO SEC LINE
N 78° 31' 38"E
N 14° 47' 43" E
N 88°26'51" E, 535.66'
SEC COR TO TAN
N 88°26'51" E, 1495.56'
TAN TO TRANSVERSE PT
S 89°26'51" W, 649.70'
SEC COR TO TRANSVERSE PT
S 89° 45' 15"E
S 89° 21' 05"E
S 0°18'24" W, 51.46'
R/W TO SEC LINE
S 0°18'24" W, 1513.53'
SEC LINE TO R/L
S 0°18'24" W, 7183'
R/L TO R/W
N 0°10'23" E, 908.79'
SEC COR TO TRAVERSE PT
S 89°52'07" E, 13.79'
R/W TO SEC LINE
S 89°52'07" E, 457'
R/L TO SEC LINE
S 89°52'07" E, 214'
SEC LINE TO R/W
S 89°52'07" E, 220'
SEC LINE TO R/W
N 0°10'23" E, 224.99'
SEC LINE TO R/L
N 0°10'23" E, 220.55'
SEC LINE TO R/L
N 0°10'23" E, 220.55'
SEC LINE TO R/L
N 0°10'23" E, 224.99'
SEC LINE TO R/L
N 0°02'16" E, 220.55'
SEC LINE TO R/L
N 0°02'16

MADISON GAS AND ELECTRIC
UNDERGROUND GAS

EXISTING R/W (TYP.)

TDS
UNDERGROUND
FIBER OPTIC

STA. 806+61.06 31.43 LT
ELEV. 931.283

800"TR113"
802"TR113"
804"TR113"
806"TR113"
851+00"TSW"

STA. 805+16.32 50.47 RT
ELEV. 929.27

12' EXTENSION INVERT ELEV. 930.869

876"TSE"

937.990
9809

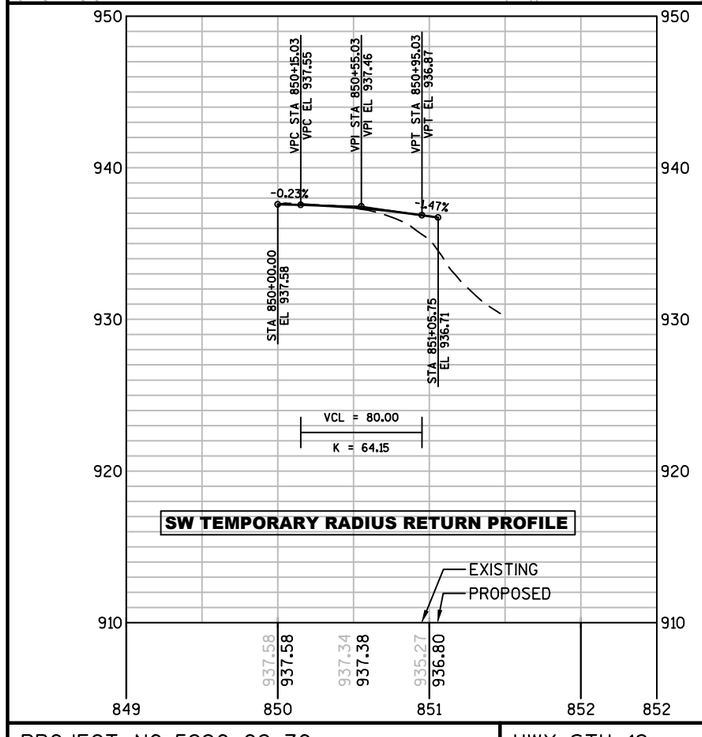
TDS UNDERGROUND
TELEPHONE

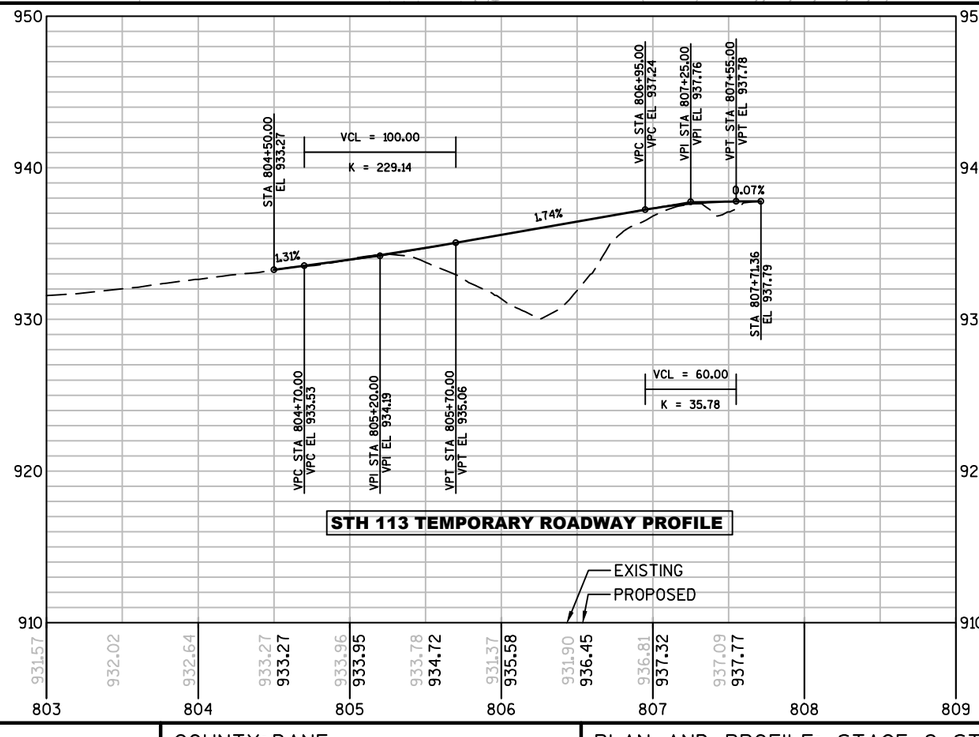
AT&T
UNDERGROUND
FIBER OPTIC

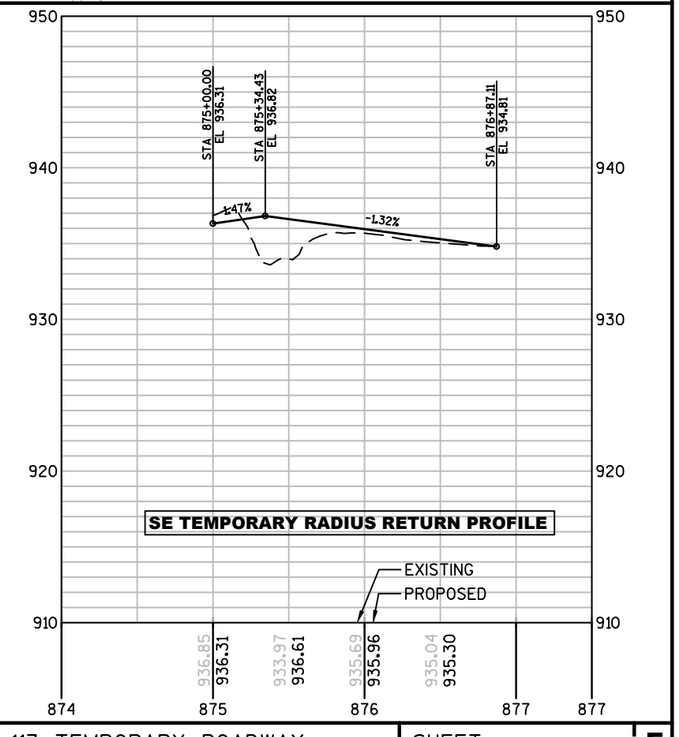
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BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533







PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: STAGE 2 STH 113 TEMPORARY ROADWAY	SHEET E

PRE_112

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\PLAN AND PROFILE FOR STAGE 2.DWG
LAYOUT NAME - PLAN AND PROFILE FOR STAGE 2 - PLANPROF 1 IN 100 FT

PLOT DATE : 6/27/2016 3:40 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : Custom

BEGIN PROJECT
STA. 100+00.00 "WB"

BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533

AT&T UNDERGROUND FIBER OPTIC

TDS UNDERGROUND TELEPHONE

STA. 110+00 "WB"
REMOVE EXISTING 1-24" CMCP

9809

MATCHLINE STA. 112+00 "WB"

N

SAWCUT REQ'D

CAUTION

STH 19/113

100+00"WB" 101+00"WB" 102+00"WB" 103+00"WB" 104+00"WB" 105+00"WB" 106+00"WB" 107+00"WB" 108+00"WB" 109+00"WB" 110+00"WB" 111+00"WB" 112+00

100+00"EB" 101+00"EB" 102+00"EB" 103+00"EB" 104+00"EB" 105+00"EB" 106+00"EB" 107+00"EB" 108+00"EB" 109+00"EB" 110+00"EB" 111+00"EB" 112+00

0+00"SWFB" 1+00"SWFB" 2+00"SWFB" 3+00"SWFB"

MADISON GAS AND ELECTRIC UNDERGROUND GAS

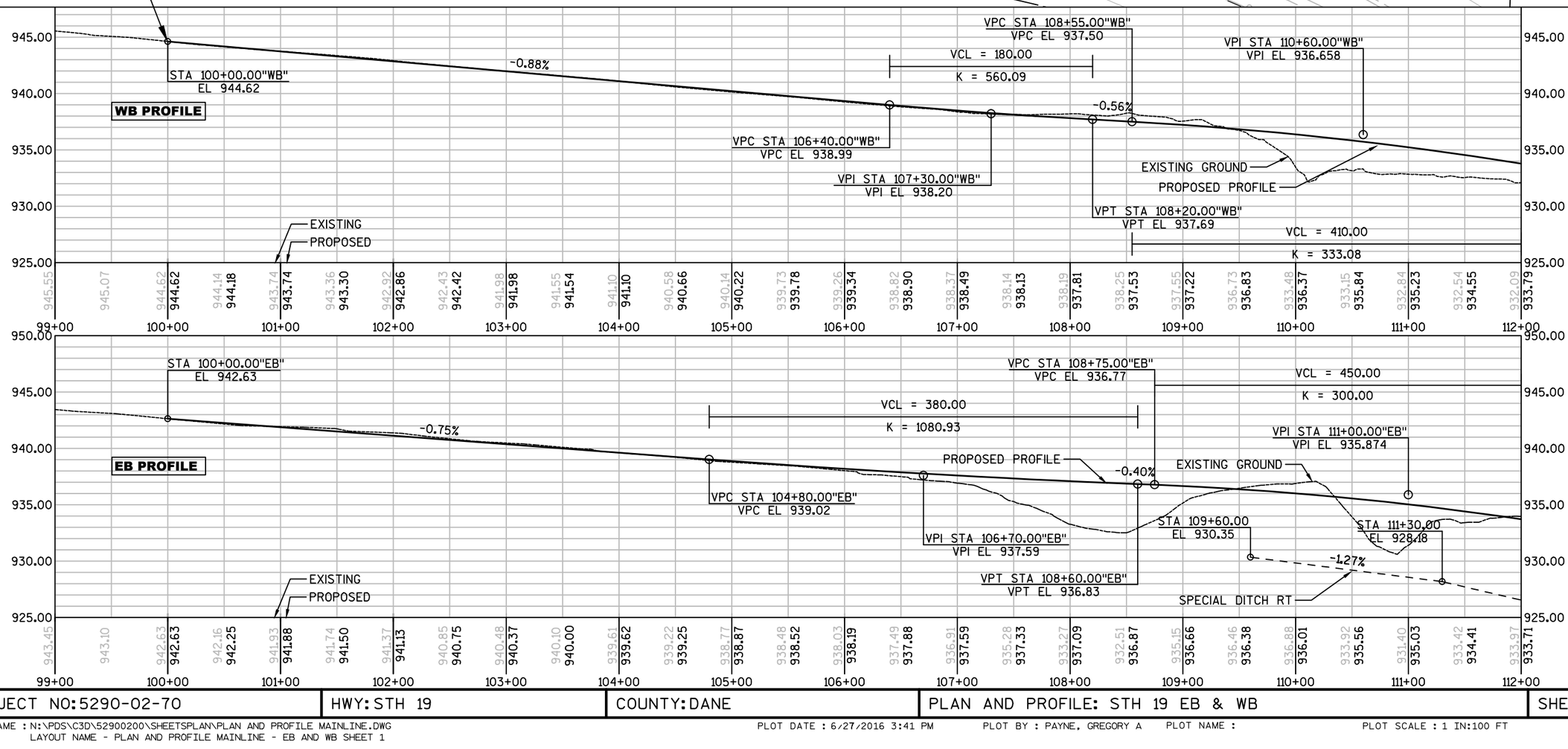
TDS UNDERGROUND FIBER OPTIC

STA. 104+50 "EB"
REMOVE EXISTING 1-18" CMCP

SLOPE INTERCEPT (TYP.)

EXISTING R/W (TYP.)

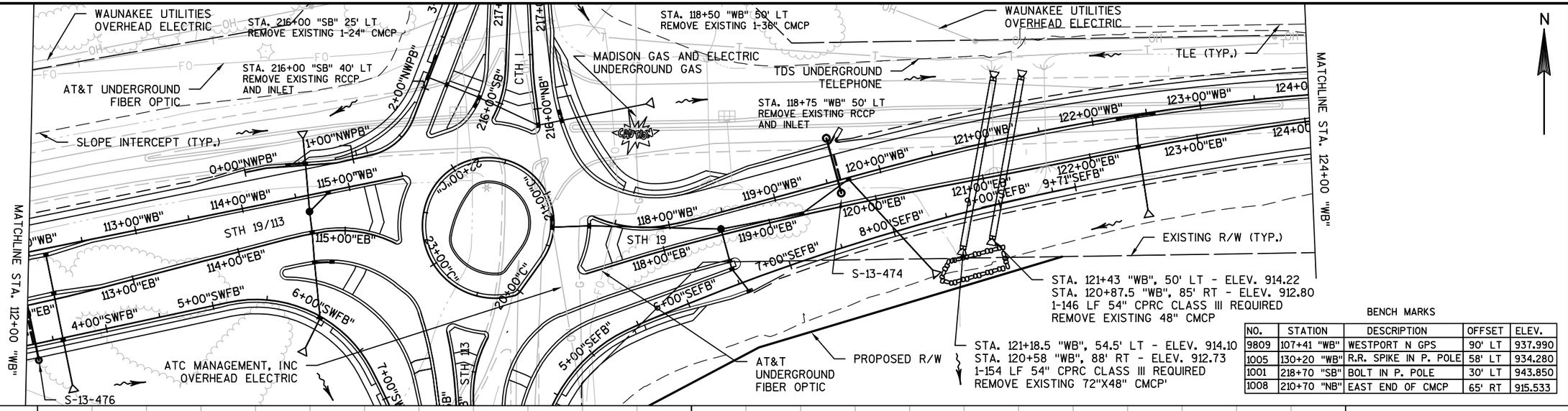
5



PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: STH 19 EB & WB	SHEET E

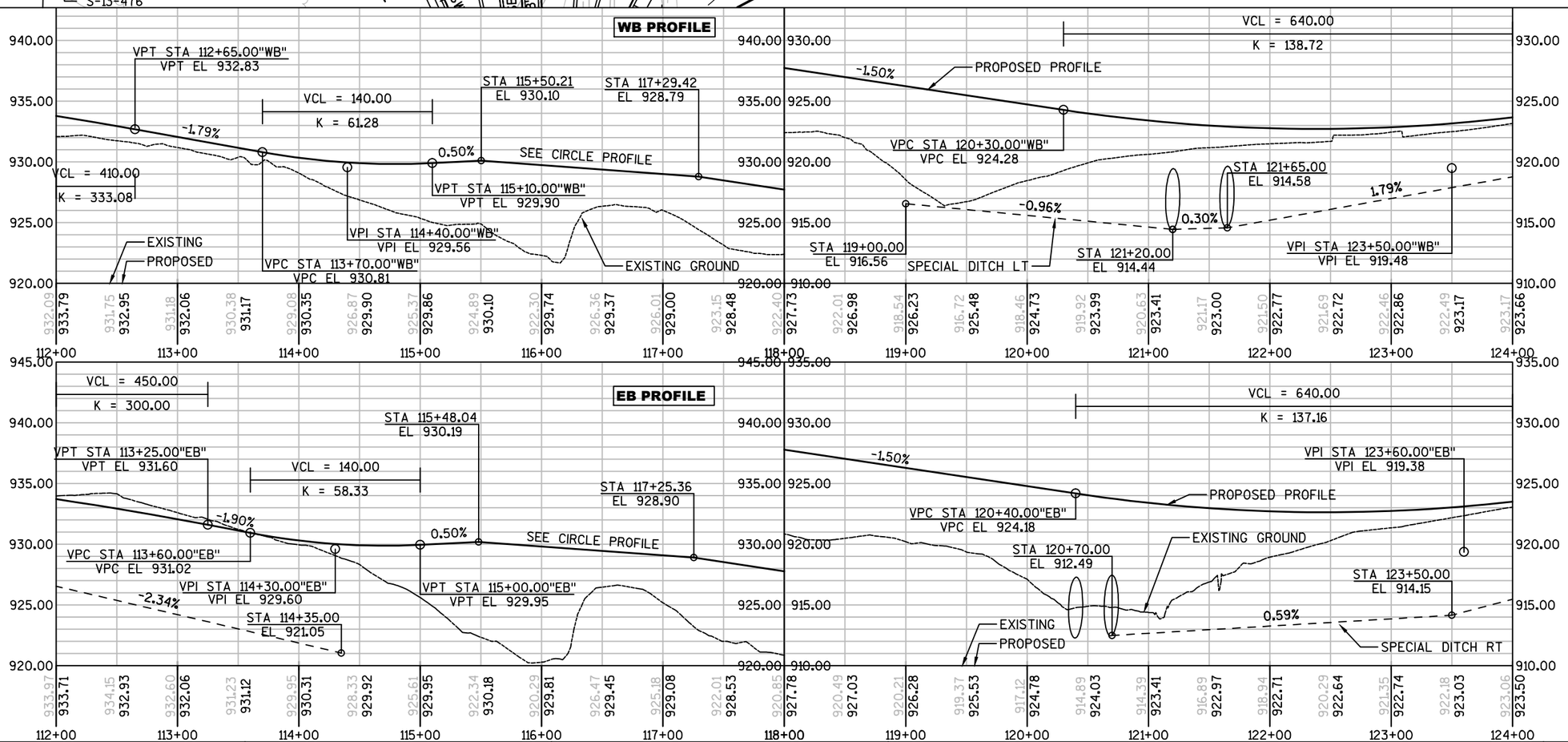
PRE_113

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\PLAN AND PROFILE MAINLINE.DWG
LAYOUT NAME - PLAN AND PROFILE MAINLINE - EB AND WB SHEET 1
PLOT DATE : 6/27/2016 3:41 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



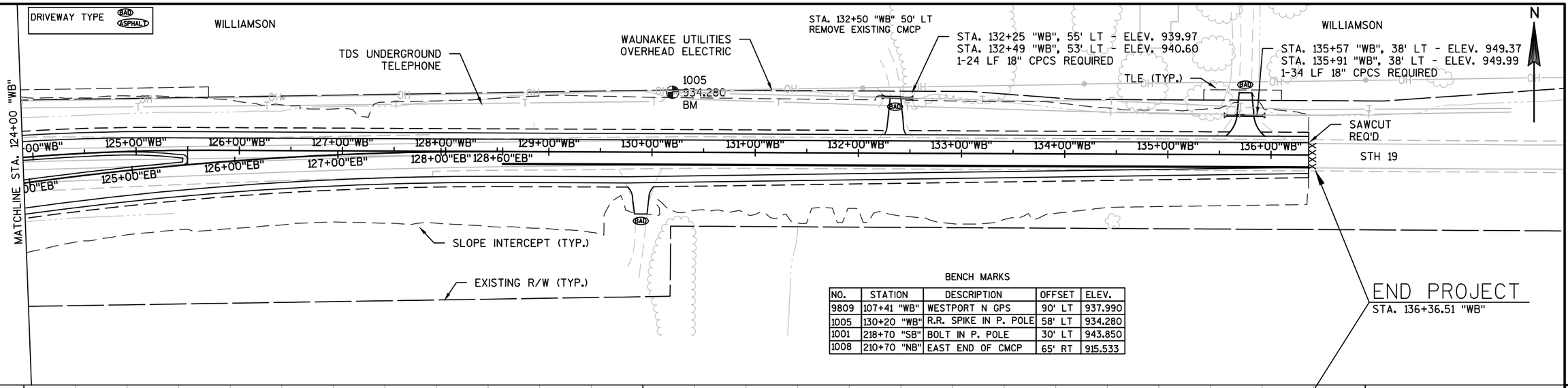
BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533



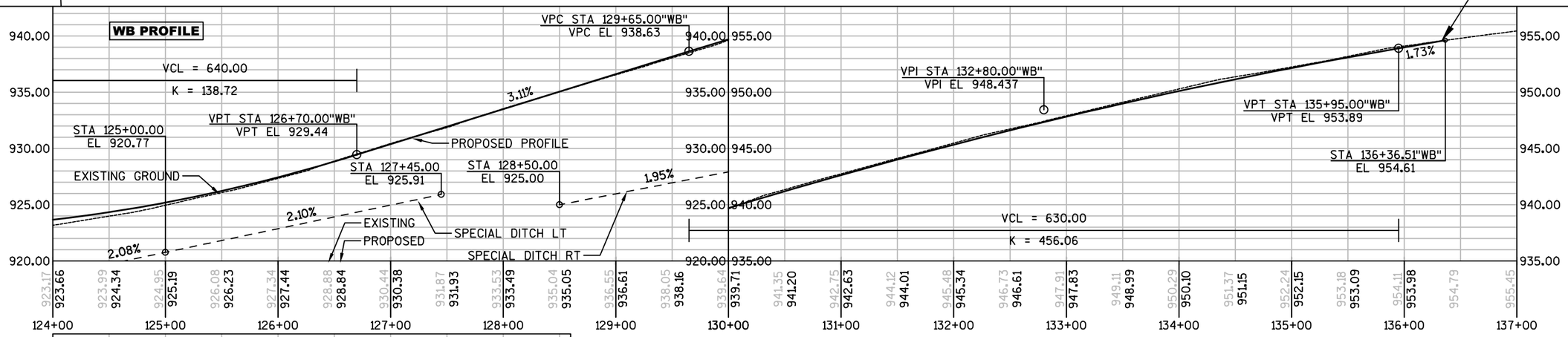
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: STH 19 EB & WB	SHEET E

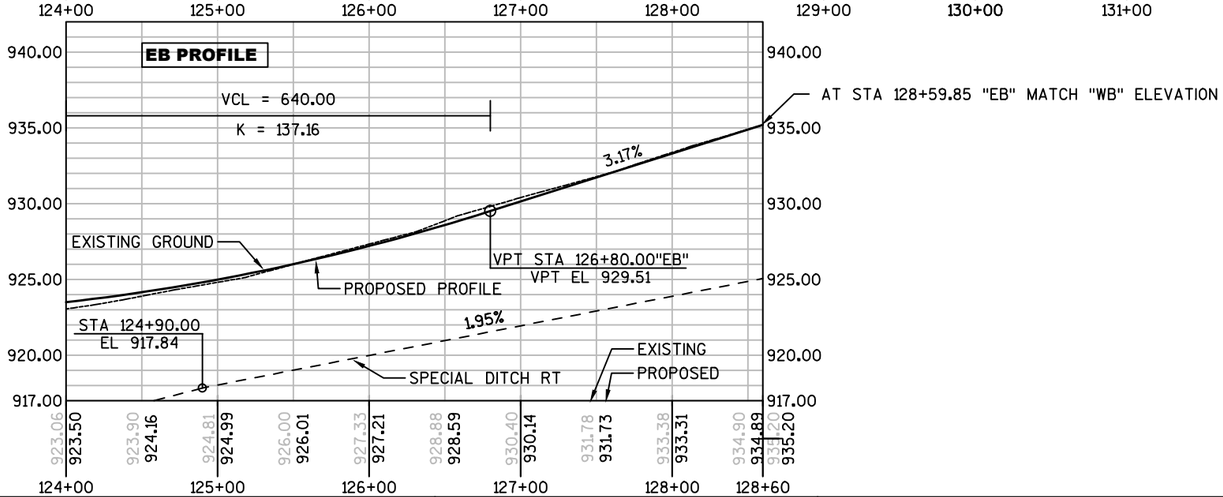
PRE_114



BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533



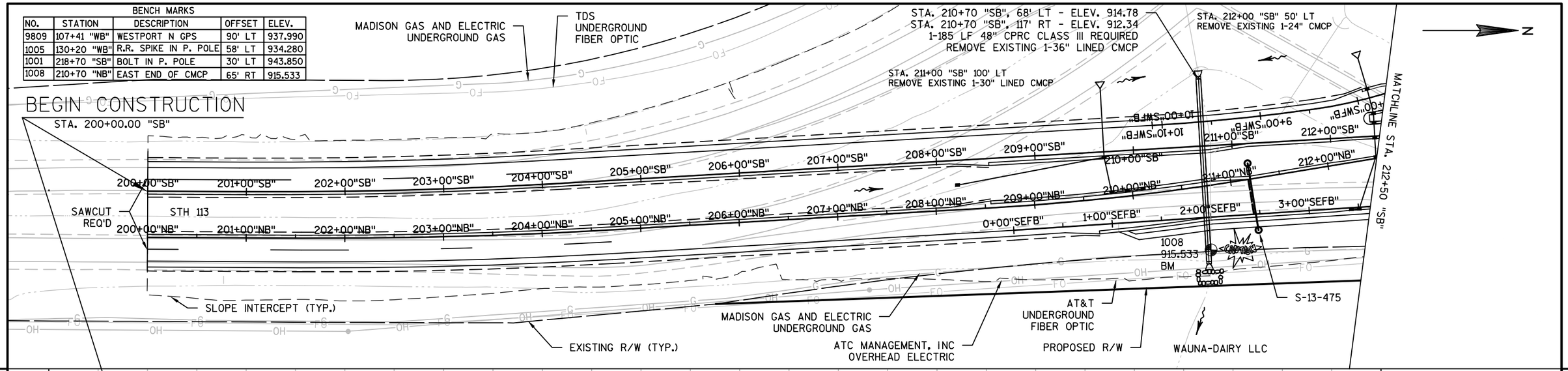


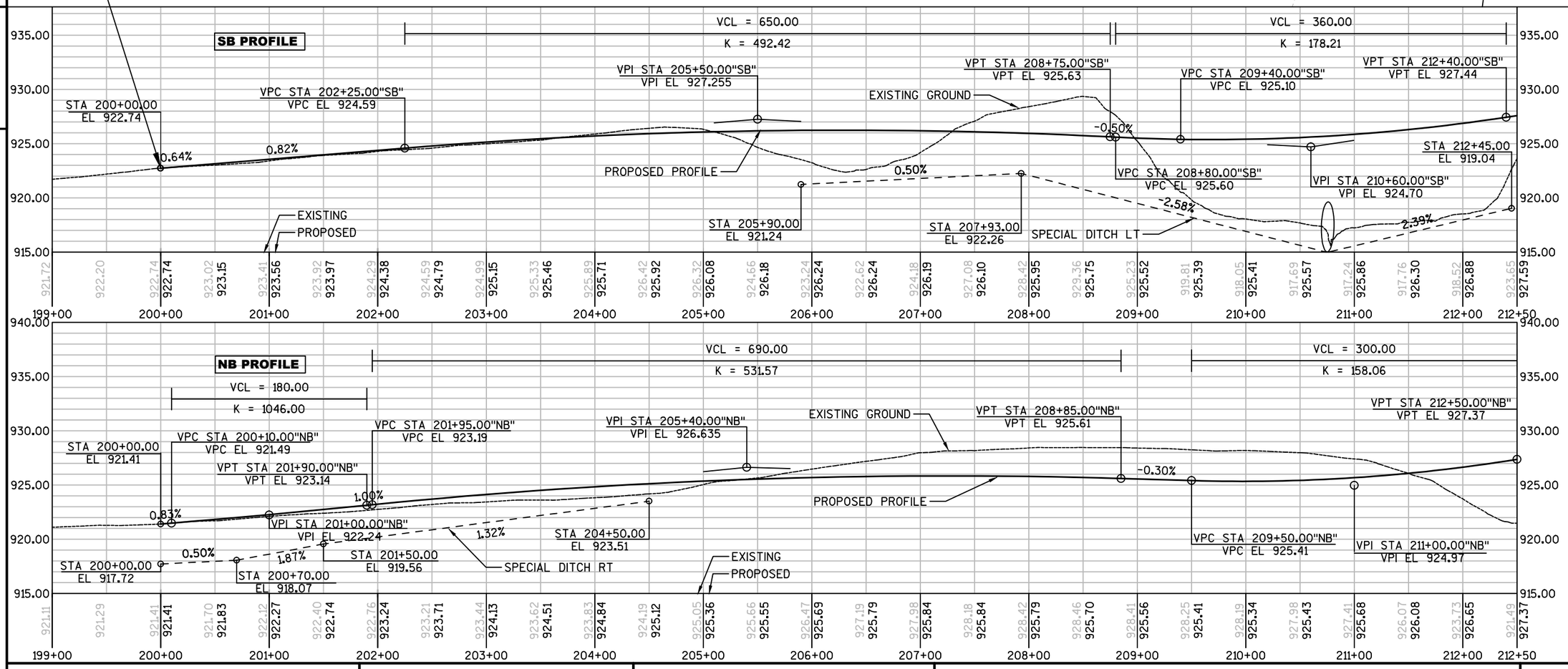
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: STH 19 EB & WB	SHEET E

PRE_115

BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533





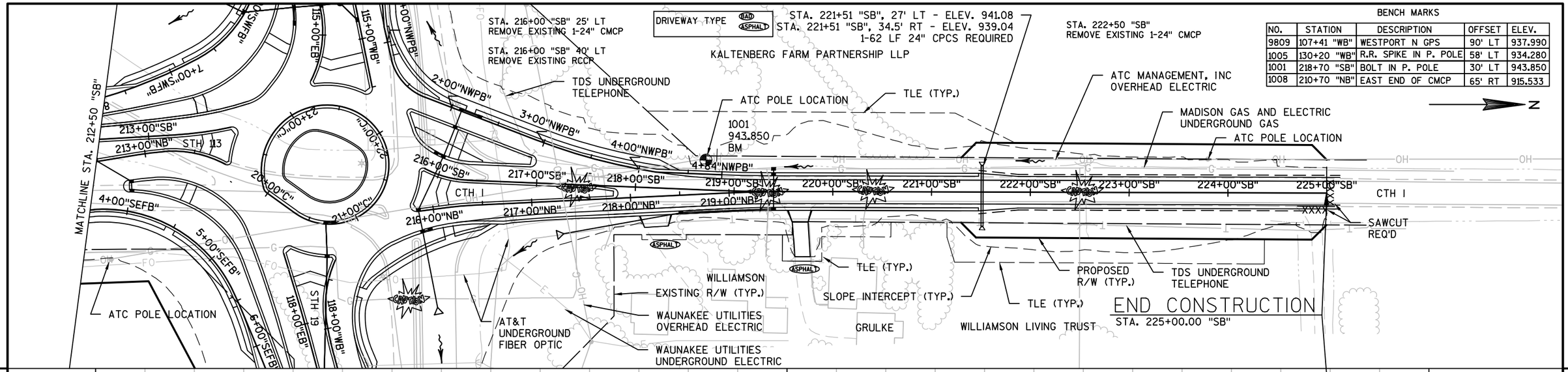
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: STH 113 NB & SB	SHEET E

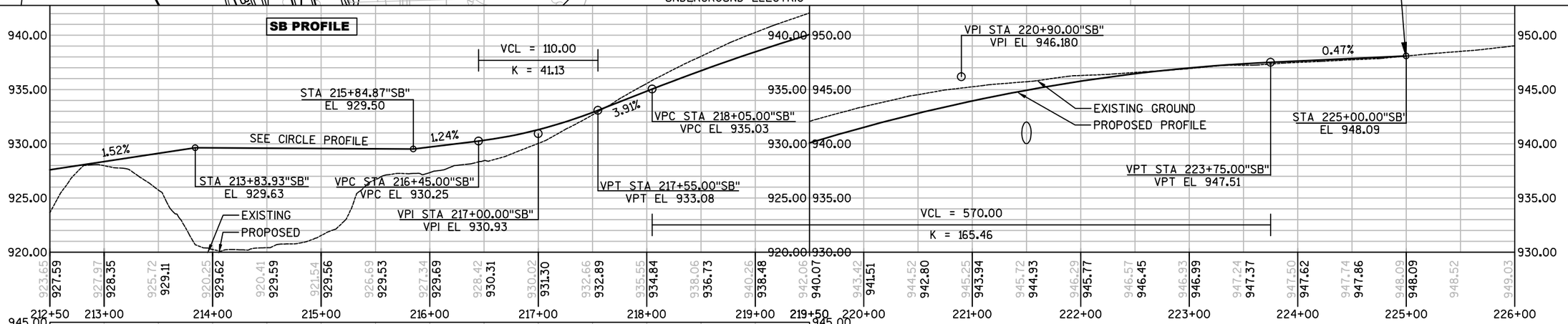
PRE_116

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\PLAN AND PROFILE MAINLINE.DWG
LAYOUT NAME - PLAN AND PROFILE MAINLINE - NB AND SB SHEET 1

PLOT DATE : 6/27/2016 3:41 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



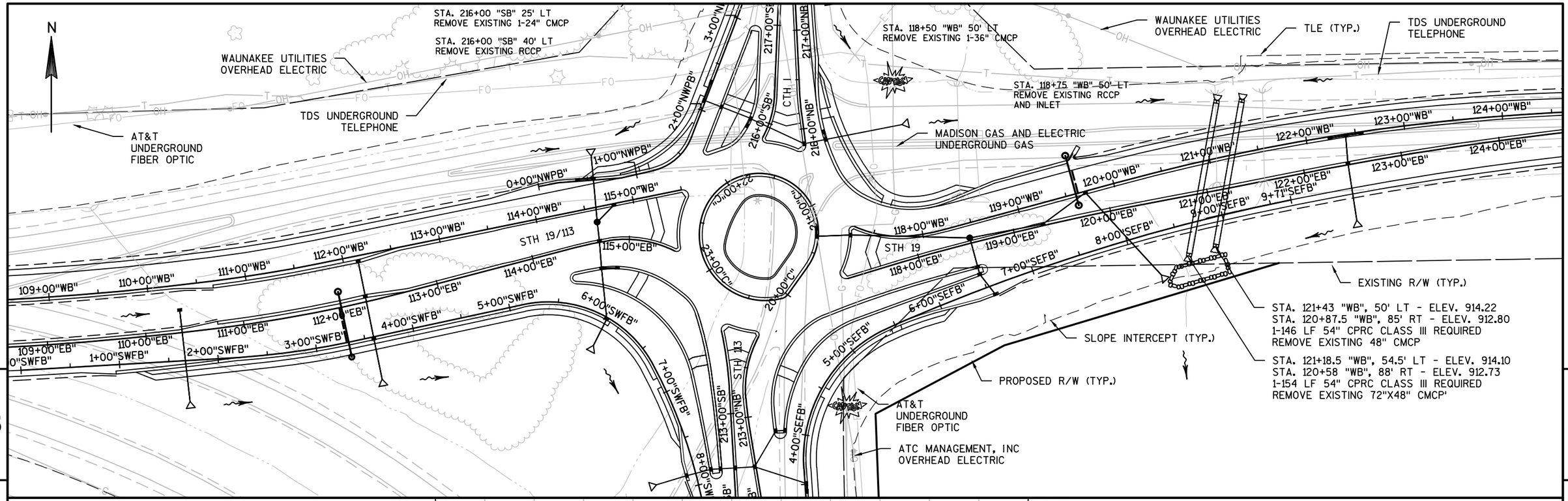


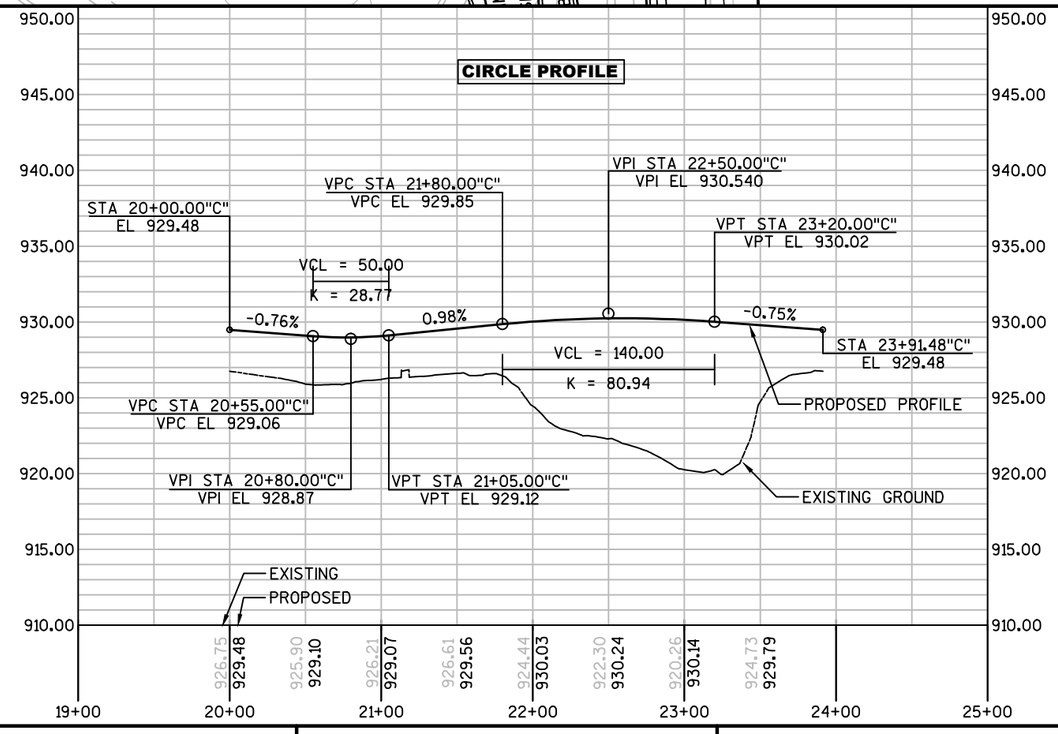
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: STH 113 NB & SB	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\PLAN AND PROFILE MAINLINE.DWG
LAYOUT NAME - PLAN AND PROFILE MAINLINE - NB AND SB SHEET 2

PLOT DATE : 6/27/2016 3:41 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





BENCH MARKS

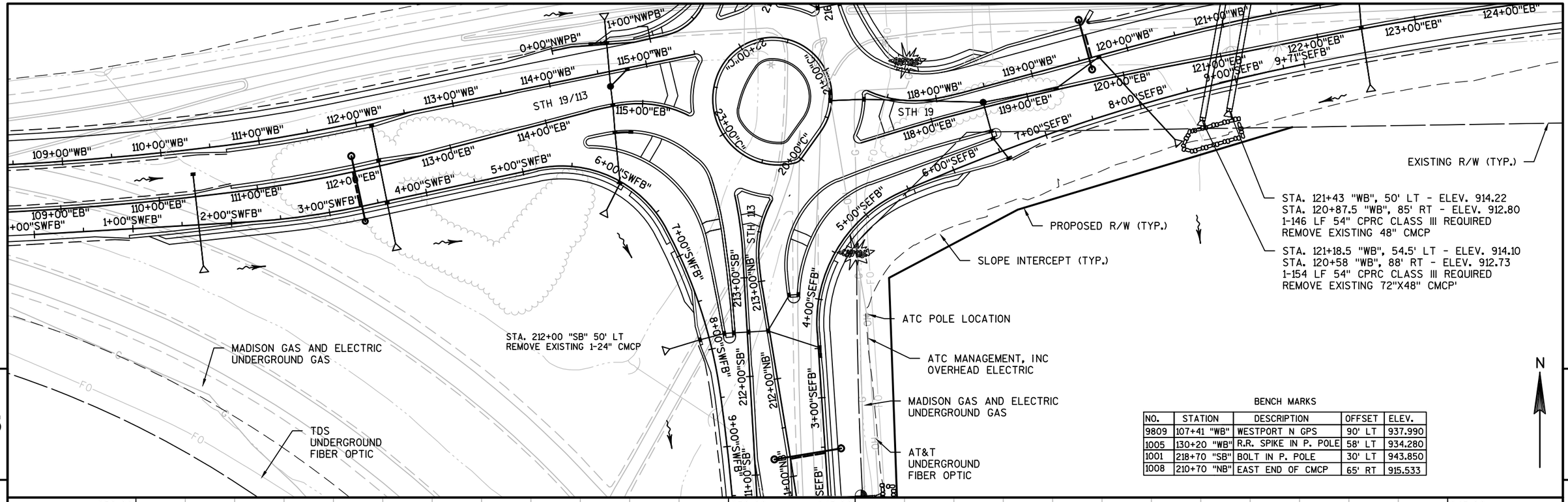
NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: ROADWAY CIRCLE	SHEET E

PRE_118

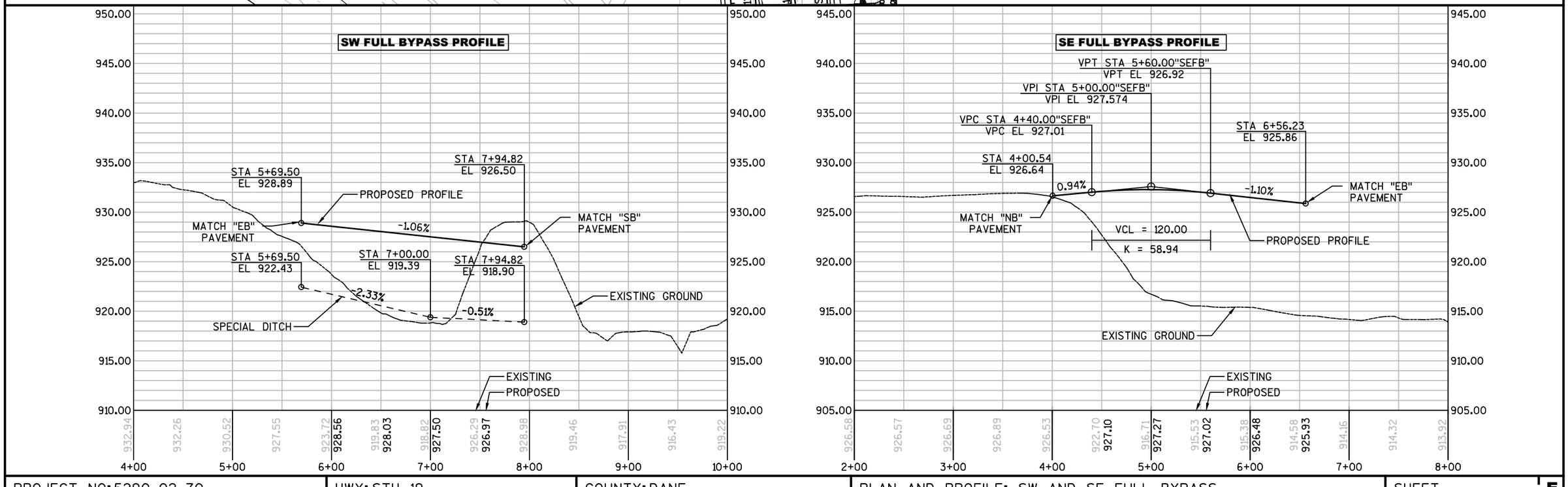
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LAYOUT NAME - PLAN AND PROFILE MAINLINE - CIRCLE SHEET

PLOT DATE : 6/27/2016 3:41 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: SW AND SE FULL BYPASS	SHEET E

PRE_119

DRIVEWAY TYPE (BAD) ASPHALT

BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
9809	107+41 "WB"	WESTPORT N GPS	90' LT	937.990
1005	130+20 "WB"	R.R. SPIKE IN P. POLE	58' LT	934.280
1001	218+70 "SB"	BOLT IN P. POLE	30' LT	943.850
1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533

STA. 210+70 "SB", 68' LT - ELEV. 914.78
STA. 210+70 "SB", 117' RT - ELEV. 912.34
1-185 LF 48" CPRC CLASS III REQUIRED
REMOVE EXISTING 1-36" LINED CMCP

STA. 216+00 "SB" 25' LT
REMOVE EXISTING 1-24" CMCP

STA. 216+00 "SB" 40' LT
REMOVE EXISTING RCCP

AT&T UNDERGROUND FIBER OPTIC

TDS UNDERGROUND TELEPHONE

STA. 221+51 "SB", 27' LT - ELEV. 941.08
STA. 221+51 "SB", 34.5' RT - ELEV. 939.04
1-62 LF 24" CPCS REQUIRED

STA. 222+50 "SB"
REMOVE EXISTING 1-24" CMCP

EXISTING R/W (TYP.)

ATC MANAGEMENT, INC OVERHEAD ELECTRIC

MADISON GAS AND ELECTRIC UNDERGROUND GAS

ATC POLE LOCATION

ATC POLE LOCATION

1001
943.850
BM

ATC POLE LOCATION

1008
915.533
BM

PROPOSED R/W (TYP.)

TLE (TYP.)

SLOPE INTERCEPT (TYP.)

TDS UNDERGROUND TELEPHONE

TLE (TYP.)

PROPOSED R/W (TYP.)

MADISON GAS AND ELECTRIC UNDERGROUND GAS

WAUNAKEE UTILITIES OVERHEAD ELECTRIC

WAUNAKEE UTILITIES UNDERGROUND ELECTRIC

STH 19/113
STH 113
STH 19
CTH I

NW PARTIAL BYPASS PROFILE

VPC STA 1+58.00"NWPB"
VPC EL 929.50

VPI STA 1+38.00"NWPB"
VPI EL 929.568

VPC STA 1+18.00"NWPB"
VPC EL 929.49

STA 1+17.90
EL 929.49

STA 3+34.47
EL 931.85

VCL = 120.00
K = 30.01

VCL = 40.00
K = 54.27

0.38%
-0.36%
3.64%

EXISTING GROUND
MATCH "SB" PAVEMENT
MATCH "WB" PAVEMENT
PROPOSED PROFILE

VPT STA 3+20.00"NWPB"
VPT EL 931.32

VPI STA 2+60.00"NWPB"
VPI EL 929.13

VPC STA 2+00.00"NWPB"
VPC EL 929.35

EXISTING
PROPOSED

930.13	929.31	928.62	928.63	929.52	928.73	929.35	926.26	929.59	932.45	930.66	933.02	934.89	937.88

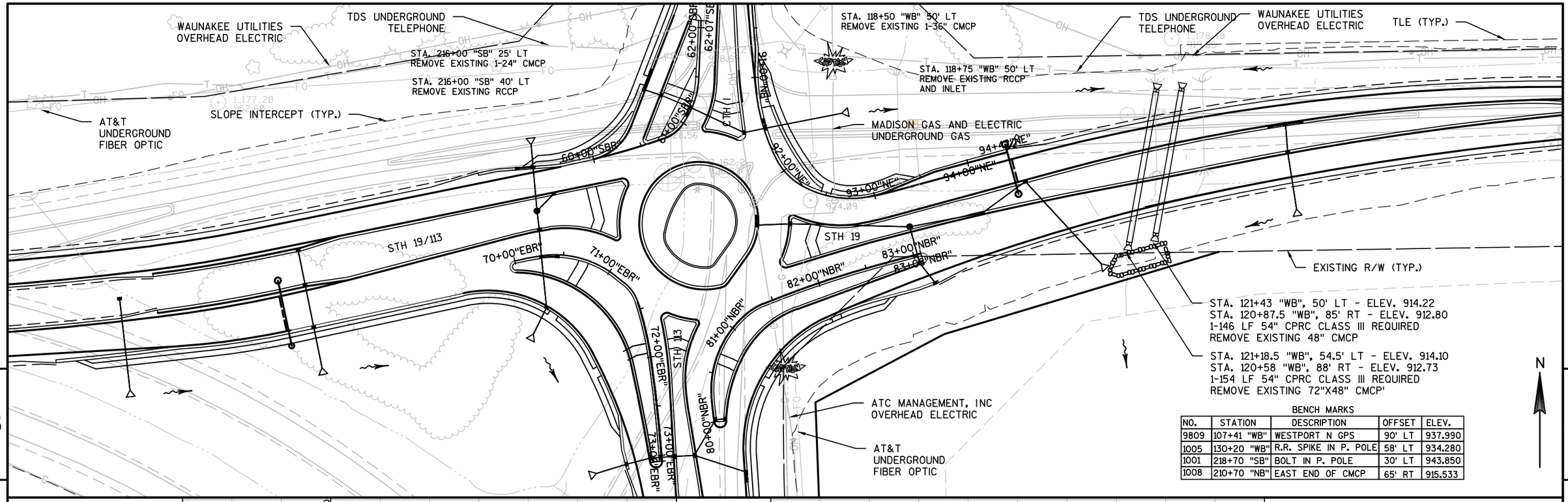
-0+50 0+00 1+00 2+00 3+00 4+00 5+00 6+00

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: NW PARTIAL BYPASS	SHEET E

PRE_120

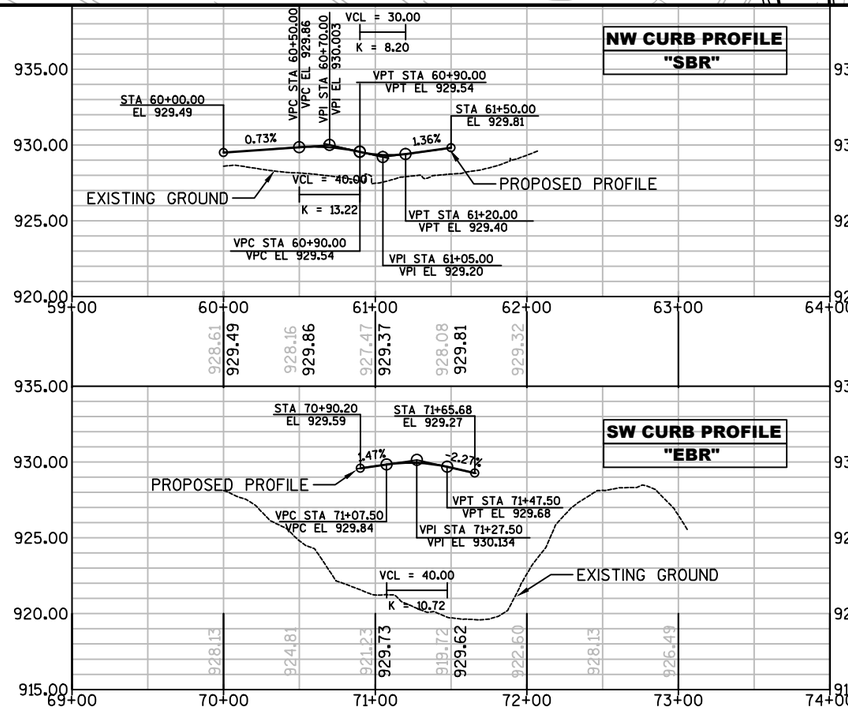
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LAYOUT NAME - PLAN AND PROFILE MAINLINE - NW PB

PLOT DATE : 6/27/2016 3:41 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:100 FT



BENCH MARKS

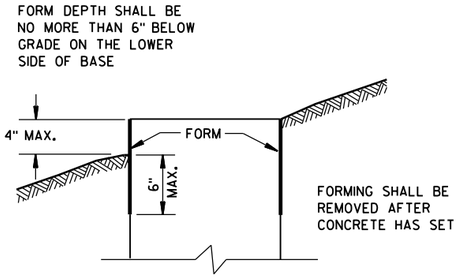
NO.	STATION	DESCRIPTION	OFFSET	ELEV.
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1008	210+70 "NB"	EAST END OF CMCP	65' RT	915.533



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: CURBS	SHEET E

PRE_121

9C2: Concrete Bases Types 1, 2, 5 and 6



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 1, TYPE 2, TYPE 5, AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 1" DIA. X 5'-0" ANCHOR RODS.

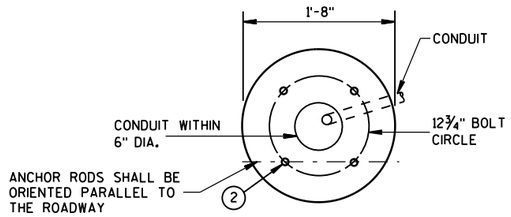
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

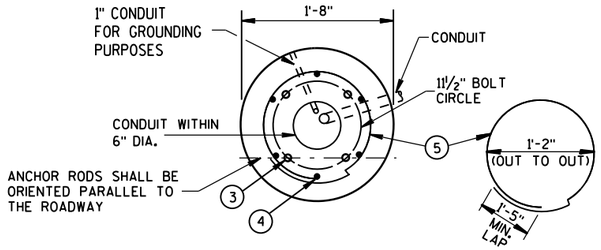
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

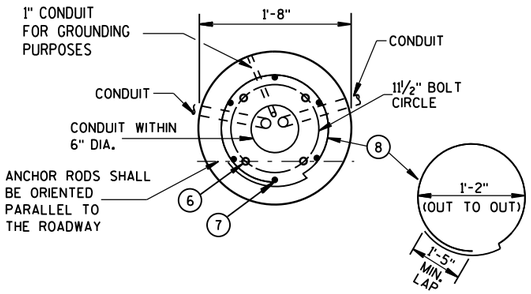
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

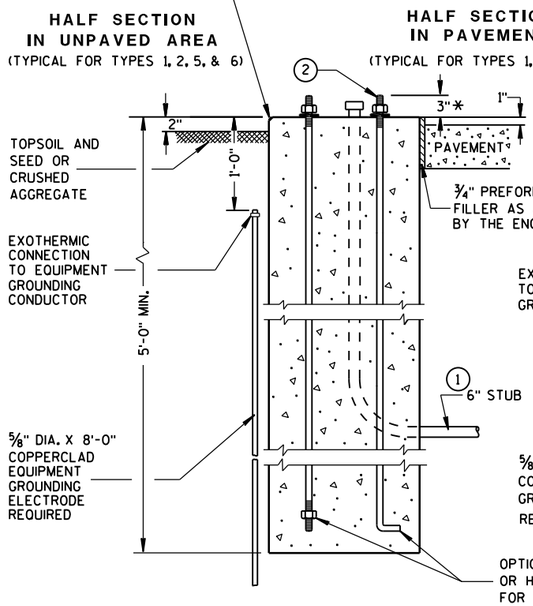
(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT.

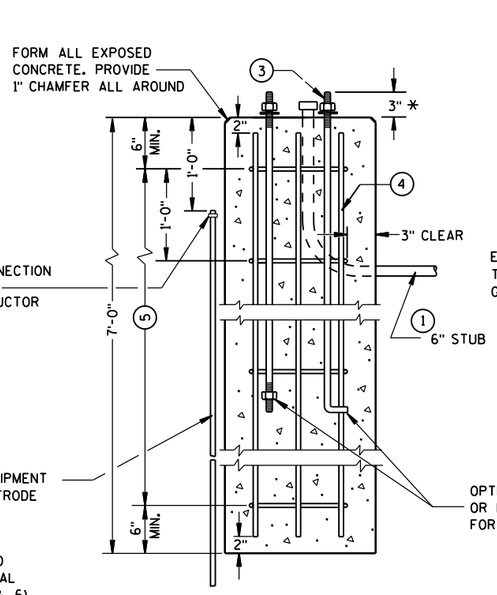
(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.



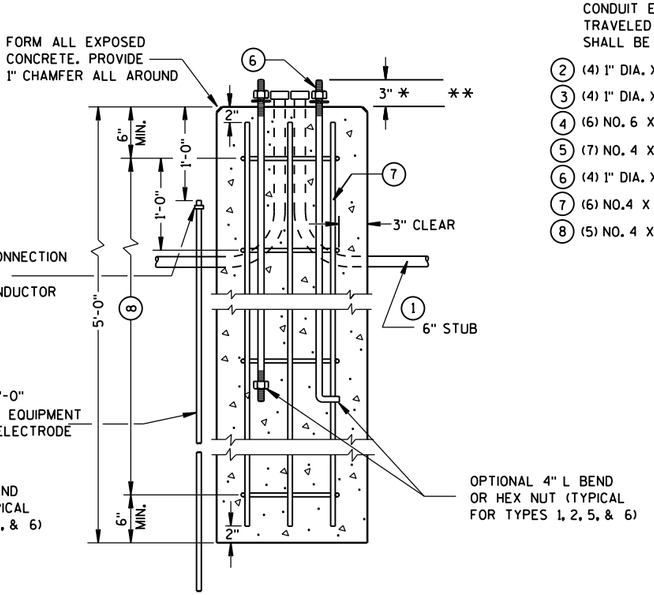








TYPE 2



TYPE 5 & 6

CONCRETE BASES

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 3¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

** FOR NONBREAKAWAY INSTALLATIONS, 4½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

CONCRETE BASES, TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTI
FHWA

PRE_122

6

S.D.D. 9 C 2-7

6

S.D.D. 9 C 2-7

9G1 sheet a: Span Wire Temporary Traffic Signal

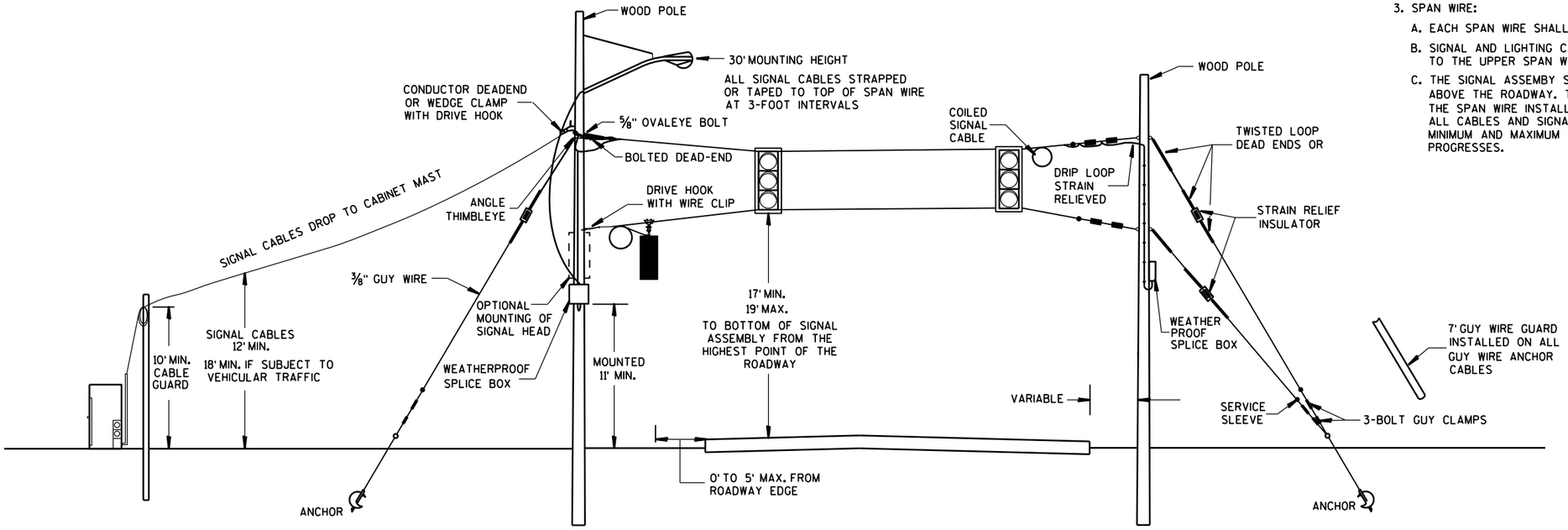
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.

2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.

3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED.
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS

MINIMUM POLE LENGTHS	POLE BURIEL DEPTHS
25'	5'
30'	6'
35'	7'
40'	8'
45'	9'

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTI
FHWA

PRE_123

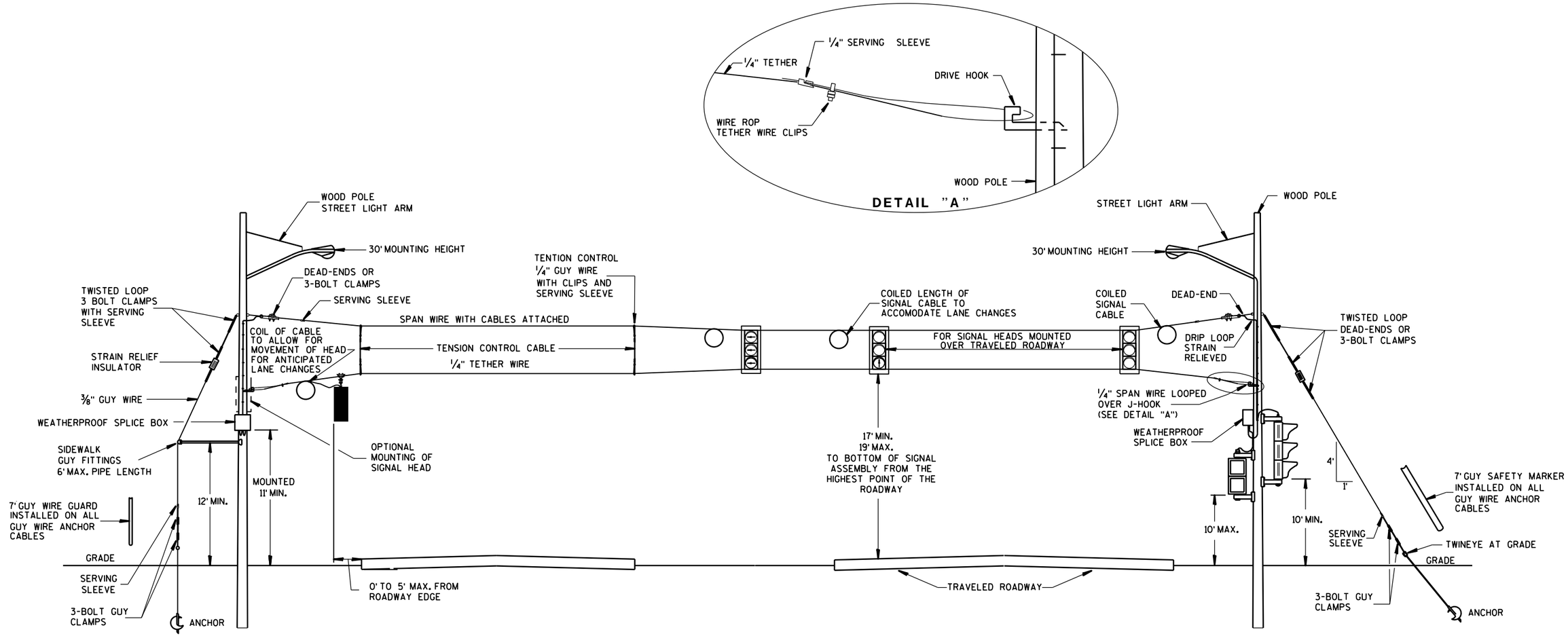
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S.D.D. 9 G 1-4a

6

S.D.D. 9 G 1-4a

9G1 sheet b: Span Wire Temporary Traffic Signal



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED.
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.

SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

MINIMUM POLE LENGTHS	CLASS	MIN. BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

PRE_124

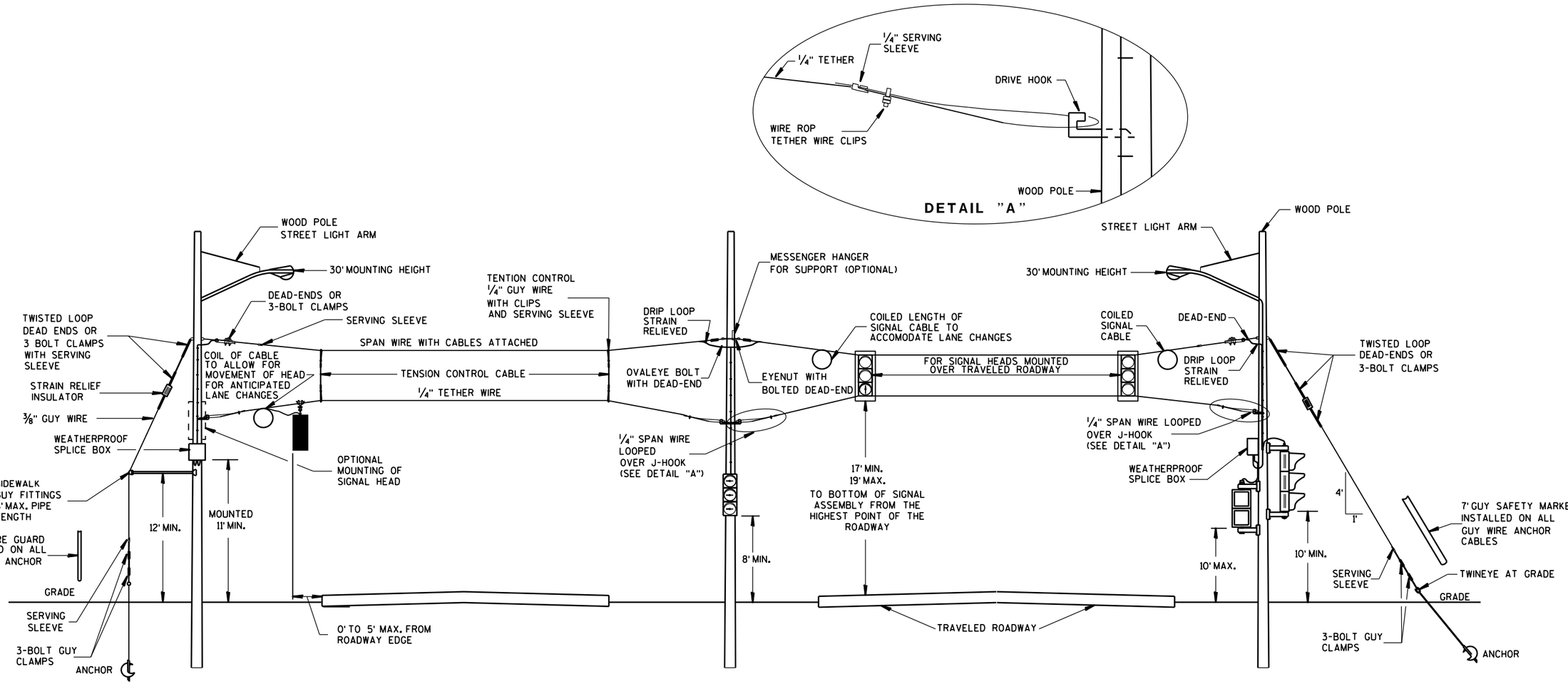
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S.D.D. 9 G 1-4b

6

S.D.D. 9 G 1-4b

9G1 sheet c: Span Wire Temporary Traffic Signal



SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

GENERAL NOTES

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   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.

3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED.
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.

MINIMUM POLE LENGTHS	CLASS	MIN. BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June. 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTI
FHWA

PRE_125

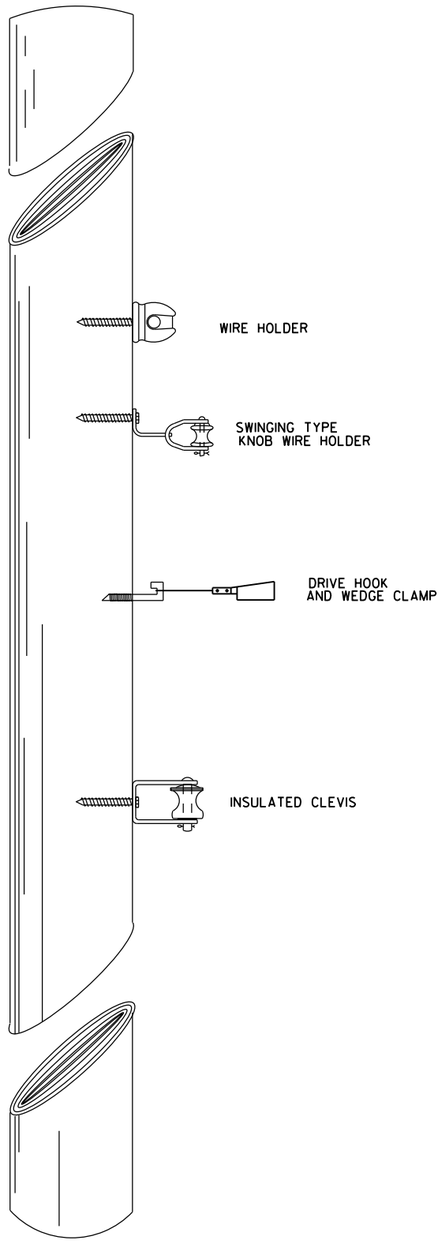
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S.D.D. 9 G 1-4c

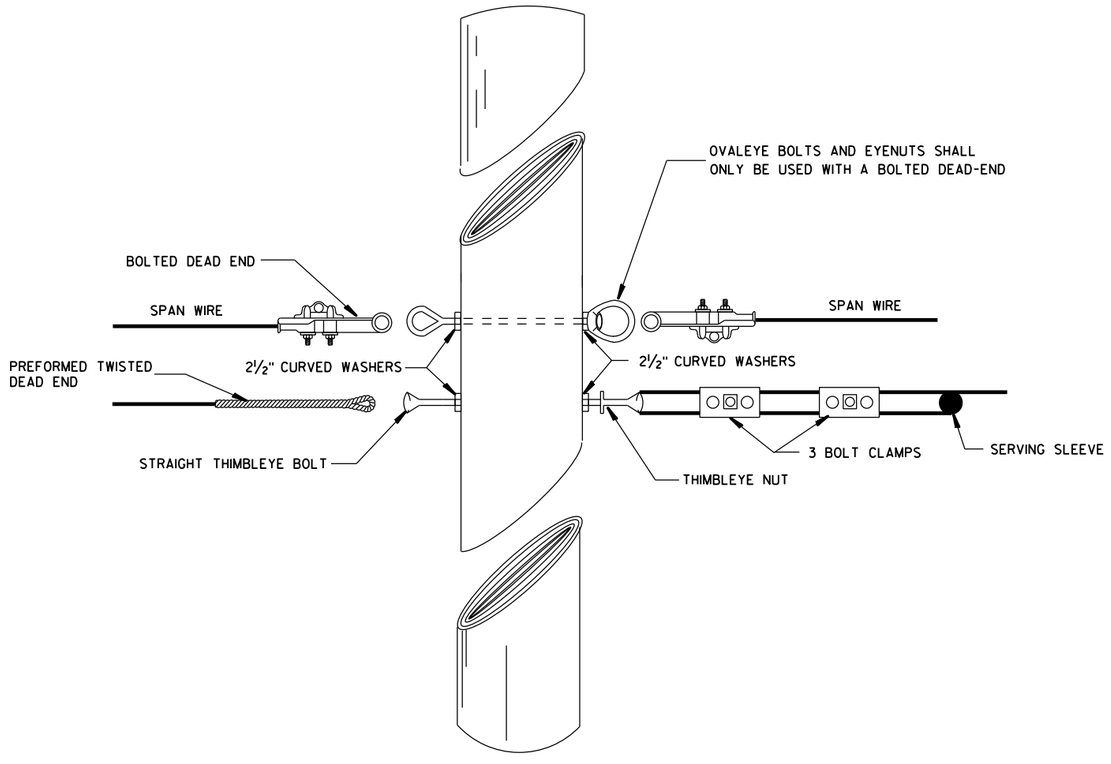
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S.D.D. 9 G 1-4c

9G1 sheet d: Span Wire Temporary Traffic Signal



TYPICAL CABLE HANGERS



TYPICAL DEAD-ENDING

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Ahmet Demirbilek
STATE ELECTI
FHWA

PRE_126

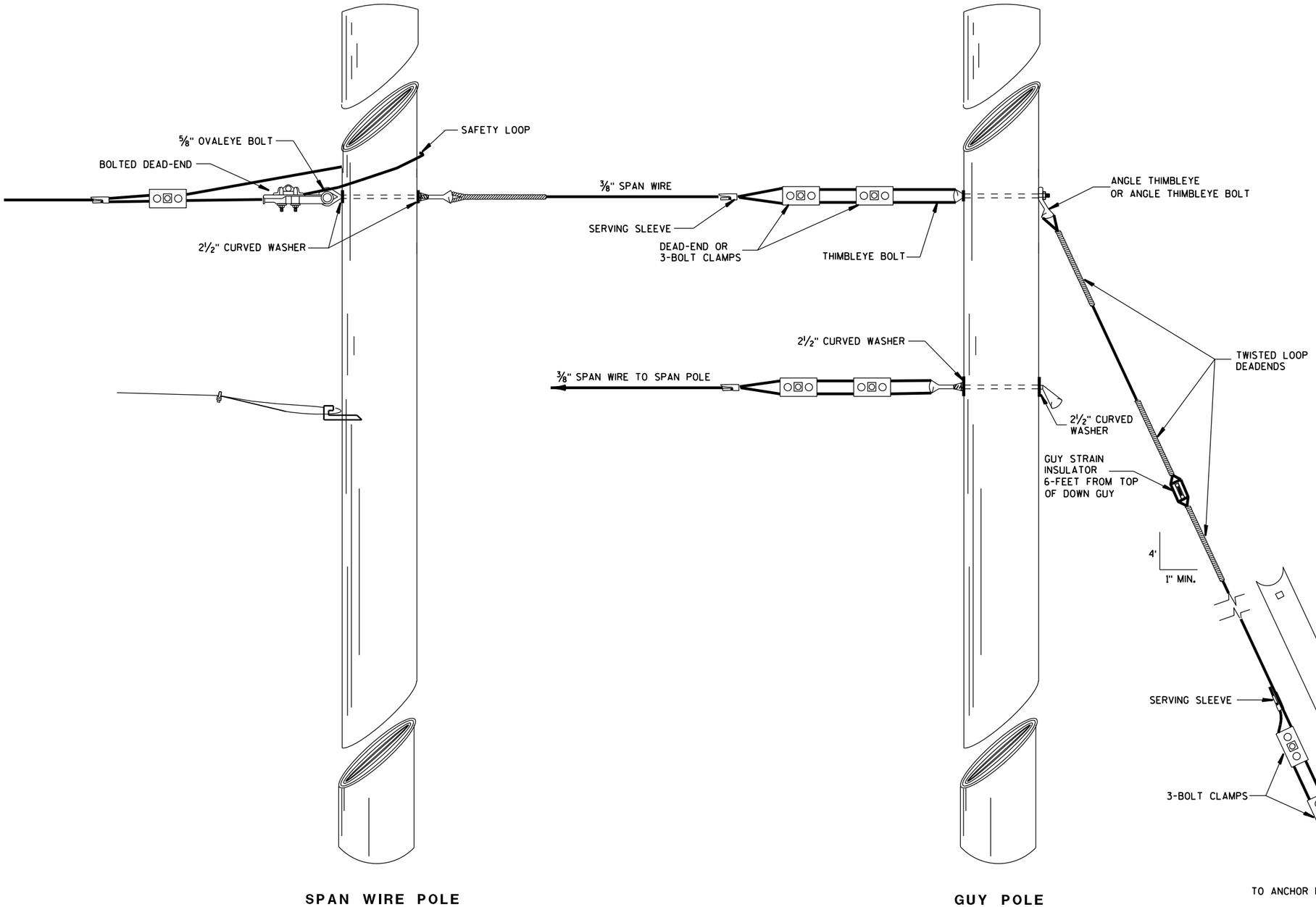
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6

S.D.D. 9 G 1-4d

S.D.D. 9 G 1-4d

9G1 sheet e: Span Wire Temporary Traffic Signal



GENERAL NOTES

1. USE ¾" DRILL IN WOOD POLE TO PROVIDE HOLE FOR ⅝" BOLTS.
2. SAFTY LOOP REQUIRED ON EACH END OF ALL SPAN WIRES.

TYPICAL DEAD-ENDINGS OR GUYING

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

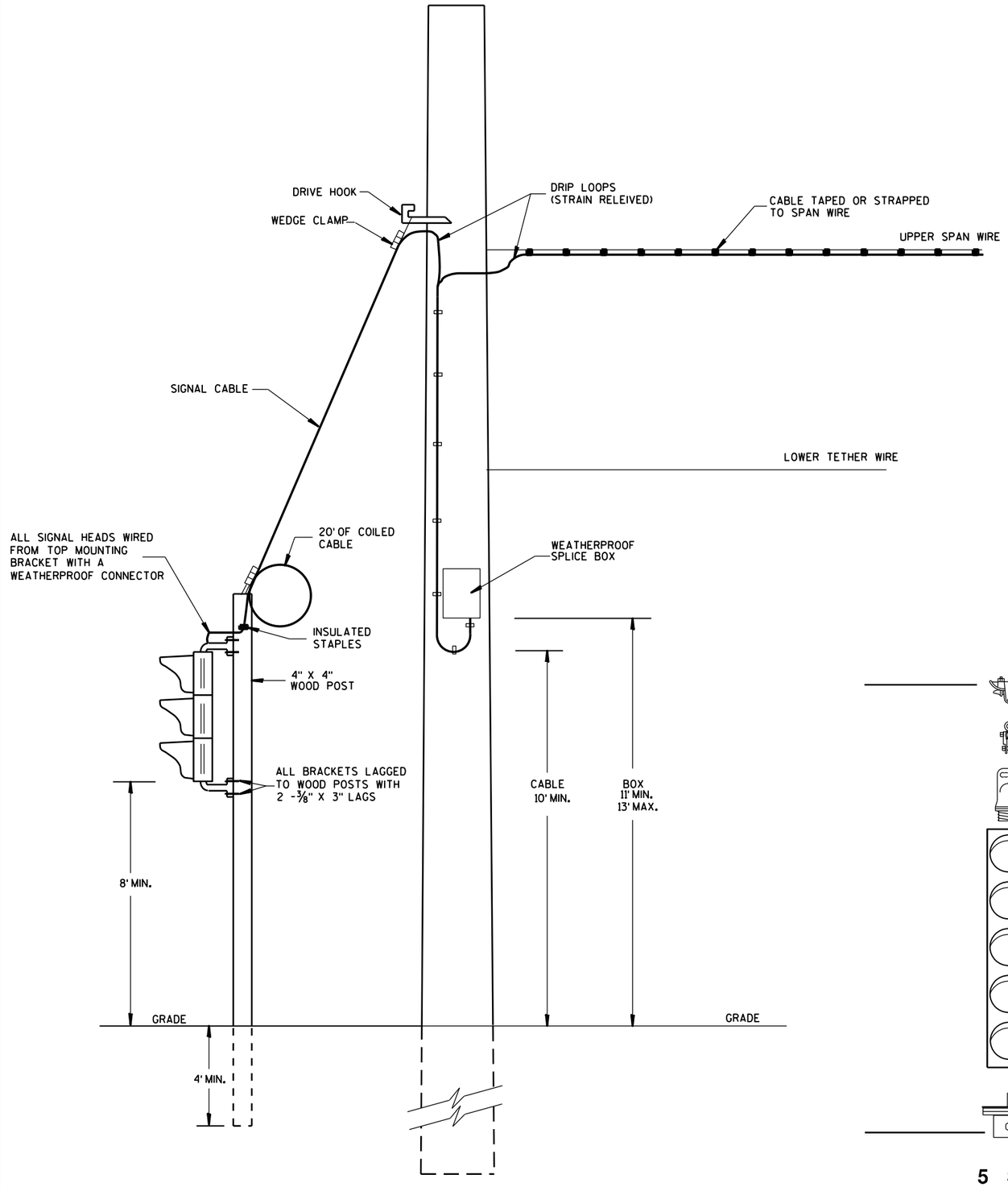
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June. 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTI
FHWA

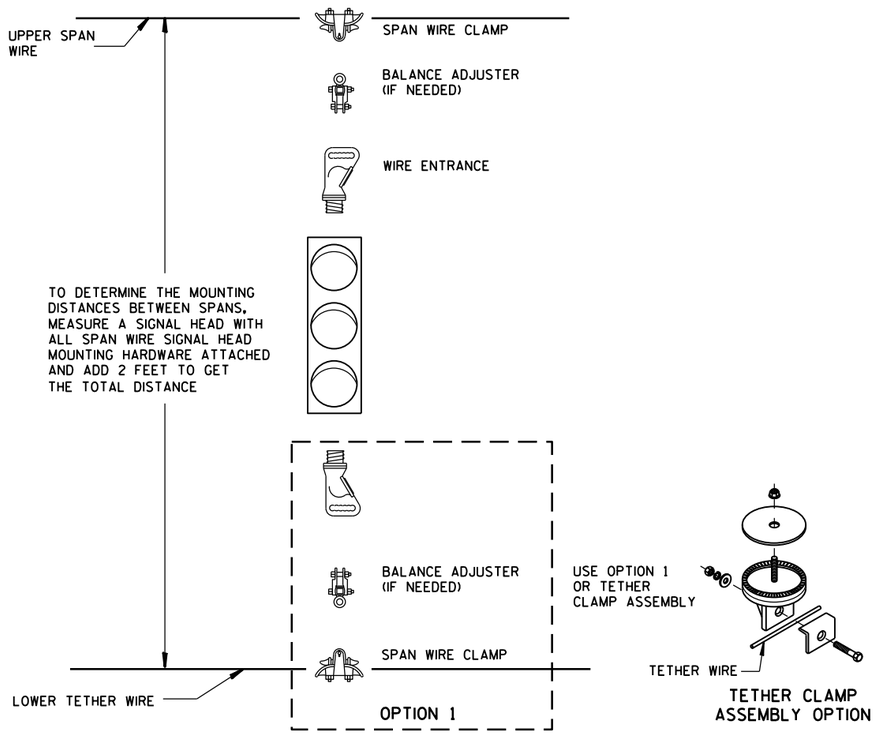
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S.D.D. 9 G 1-4e

9G1 sheet f: Span Wire Temporary Traffic Signal

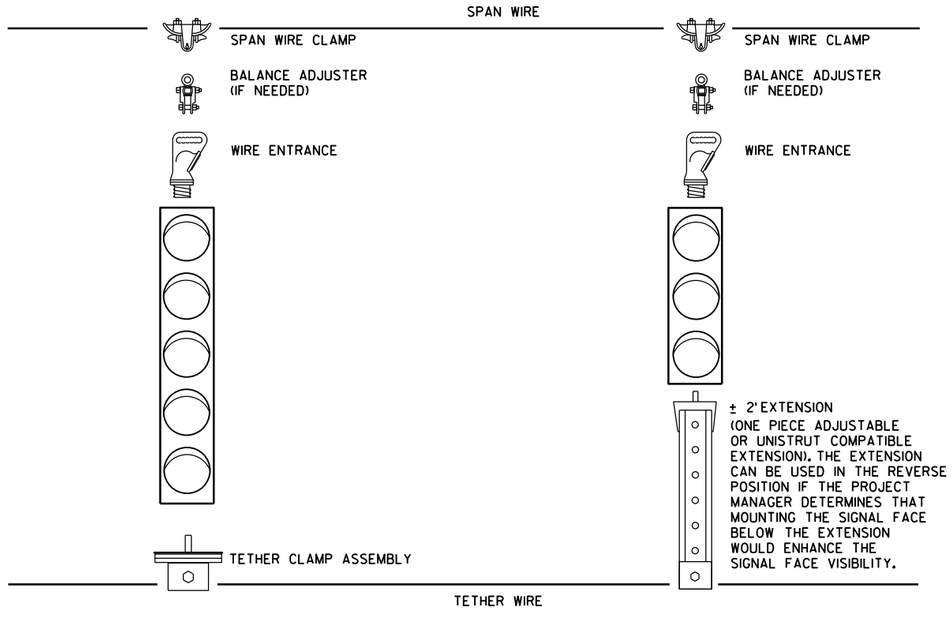


TYPICAL DROP TO TEMPORARY MOVEABLE SIGNAL



TETHER CLAMP ASSEMBLY OPTION

TYPICAL SPAN WIRE MOUNTING HARDWARE



5 SECTION VERTICAL WITH 3 SECTION VERTICAL ON ONE SPAN WIRE

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

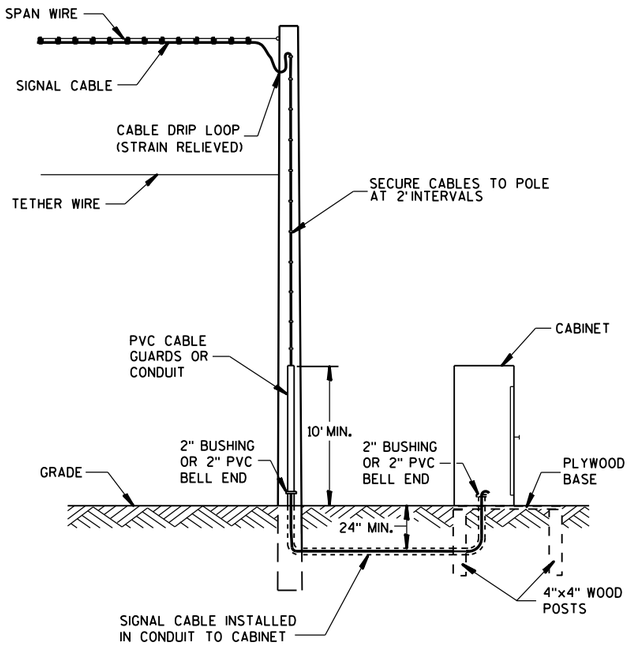
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

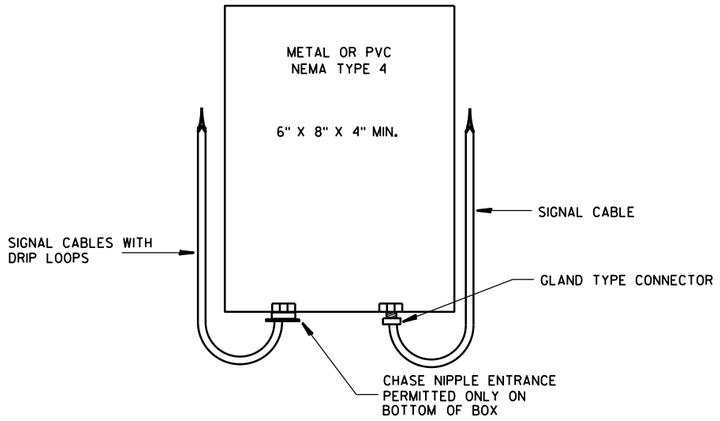
APPROVED
June. 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTI
FHWA

PRE_128

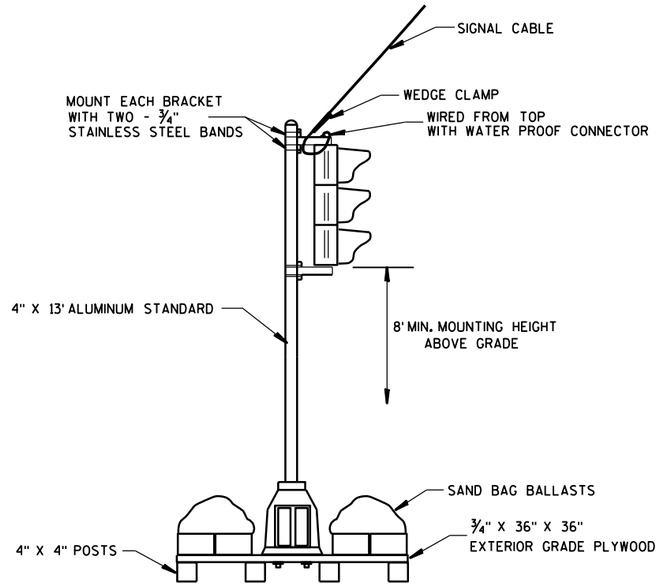
6

S.D.D. 9 G 1-4f

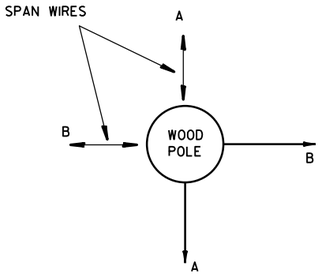




SPLICE BOX

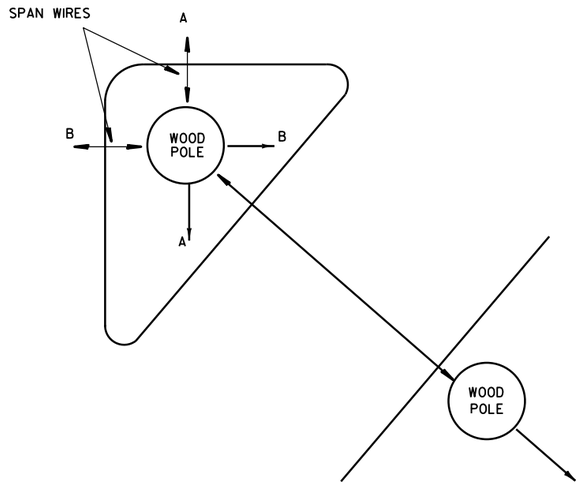


TYPICAL SKID TYPE TEMPORARY

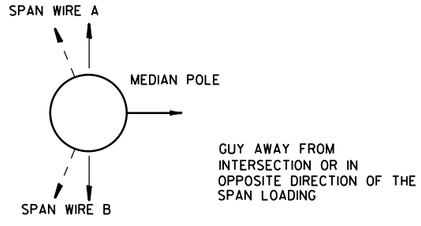


ALL DOWN OR SIDEWALK GUYS
SHALL BE INSTALLED IN THE
OPPOSITE DIRECTION OF THE
STRAIN OF THE SPAN WIRE

CORNER POLES



ISLAND POLES



GUY AWAY FROM
INTERSECTION OR IN
OPPOSITE DIRECTION OF THE
SPAN LOADING

MEDIAN POLES

SPAN WIRE
TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Ahmet Demirbilek — STATE ELECTI
FHWA

PRE_129

6

S.D.D. 9 G 1-4g

6

S.D.D. 9 G 1-4g

15C15: 36-Inch Diameter Full Span Overhead Sign Support Base

GENERAL NOTES

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR ROD STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER FABRICATION DRAWING.

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

SIGN SUPPORTS SHALL BE LOCATED NORMAL TO ROADWAY.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

BAR CAGE TO BE ASSEMBLED USING TIE WIRES ONLY, NO WELDING.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACK FILLING AROUND THE BASE. ANY REQUIRED BACKFILL SHALL BE WELL COMPACTED IN LAYERS OF 1 FOOT OR LESS. COMPACTION SHALL BE BY MECHANICAL MEANS. CARE SHALL BE TAKEN SO NO DAMAGE OCCURS TO THE CONCRETE BASE DURING COMPACTION.

EXCAVATION OF MATERIALS NOT OCCUPIED BY CONCRETE SHALL BE MINIMIZED TO REDUCE DISTURBANCE OF THE SURROUNDING SOILS.

THE BOTTOM OF THE DRILLED HOLE SHALL BE FIRM AND THOROUGHLY CLEANED SO NO LOOSE OR COMPRESSIBLE MATERIALS ARE PRESENT AT THE TIME OF THE CONCRETE PLACEMENT.

IF THE DRILLED HOLE CONTAINS STANDING WATER, THE CONCRETE SHALL BE PLACED USING A TREMIE TO DISPLACE THE WATER.

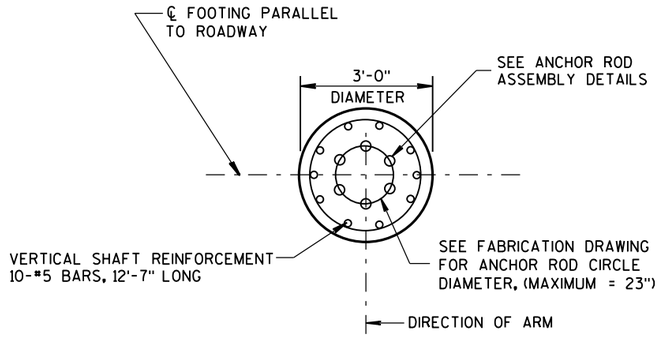
THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

FORM ALL EXPOSED CONCRETE CORNERS WITH ¾" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

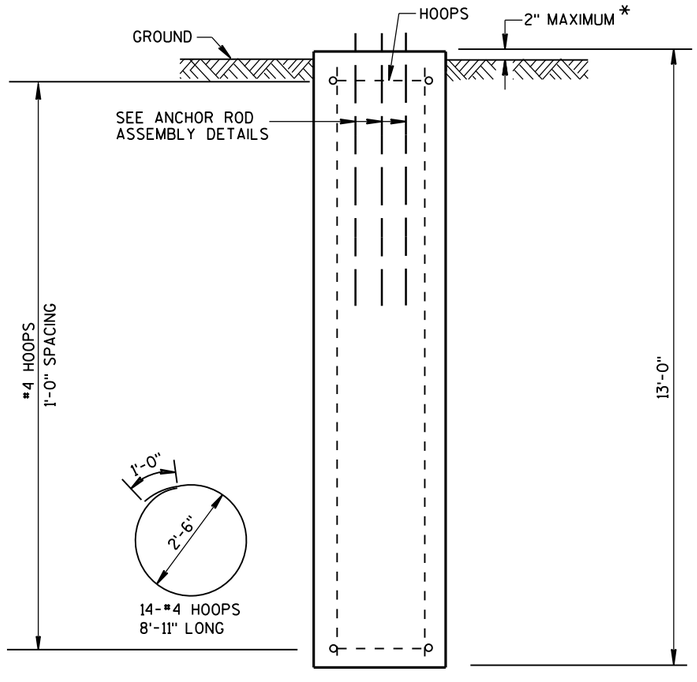
ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

CONCRETE MASONRY	fc=3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy=60,000 p.s.i.
ANCHOR RODS, ASTM F1554, GRADE 55	fy=55,000 p.s.i.
ASTM A563A HEAVY HEX NUTS, AND ASTM F436 WASHERS.	
PLATES, ASTM A709, GRADE 36	fy=36,000 p.s.i.

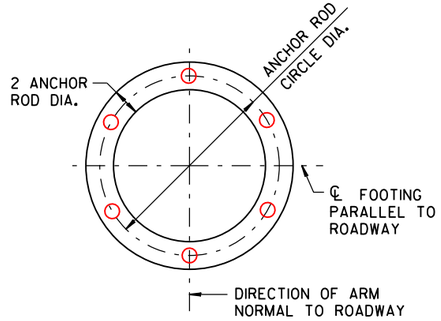
THIS FOOTING HAS BEEN DESIGNED FOR SITES WHERE SOILS EXHIBIT A PHI-ANGLE GREATER THAN OR EQUAL TO 20 DEGREES (GRANULAR SOILS), OR A COHESION VALUE GREATER THAN OR EQUAL TO 350 PSF (COHESIVE SOILS).



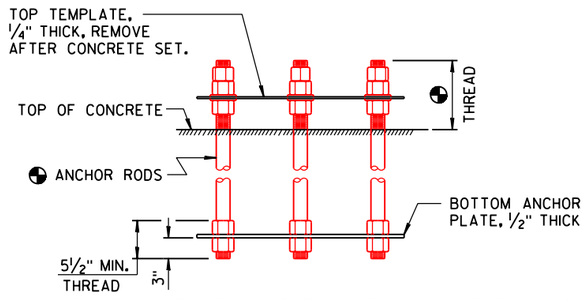
PLAN VIEW



ELEVATION VIEW



TOP TEMPLATE AND BOTTOM ANCHOR PLATE



ANCHOR ROD ASSEMBLY DETAILS

⊕ MINIMUM OF 6 ANCHOR RODS, EXACT NUMBER, SIZE, DIMENSION AND ORIENTATION AS SHOWN ON FABRICATION DRAWING.

* FOR OVERHEAD SIGN SUPPORTS THAT ARE INSTALLED ADJACENT TO SIDEWALKS, THE TOP OF THE BASE SHALL BE POURED FLUSH WITH THE GROUND.

CONCRETE - 3.4 C.Y. PER FOOTING
H.S. REINFORCEMENT - 215 LBS. PER FOOTING

36" DIAMETER FULL SPAN OVERHEAD SIGN SUPPORT BASE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 — DATE
/S/ Vu Thao — WIND LOADED PROGRAM
FHWA

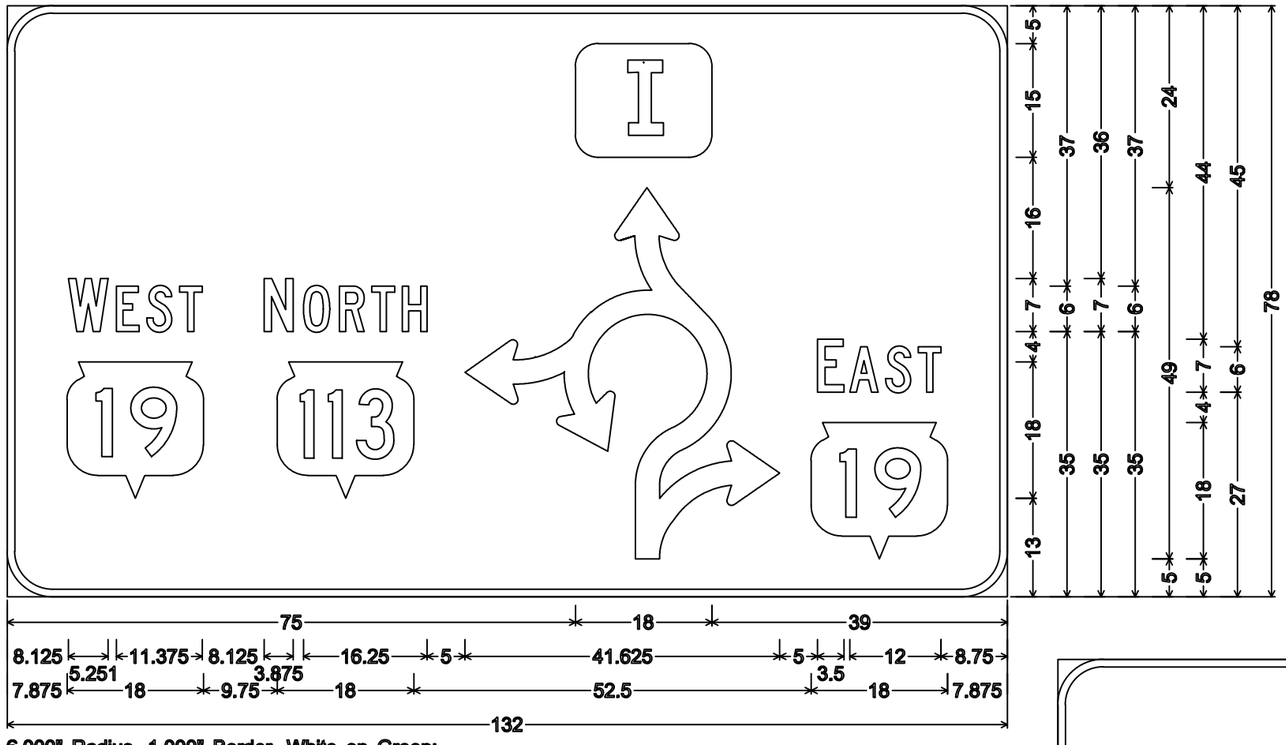
PRE_130

6

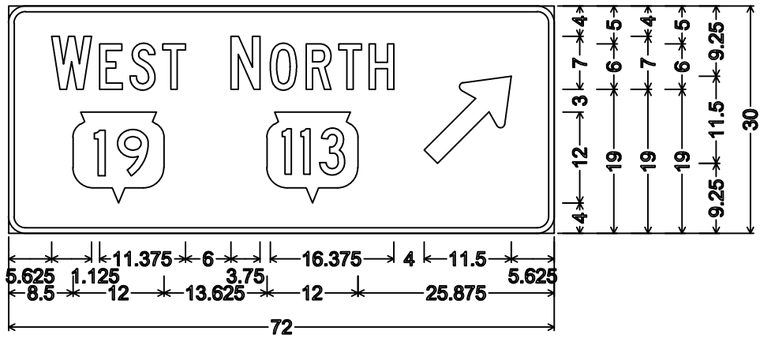
S.D.D. 15 C 15-5

NOTES

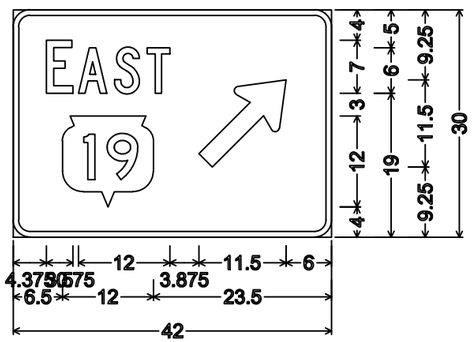
1. All Signs are Type II- Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C except as noted



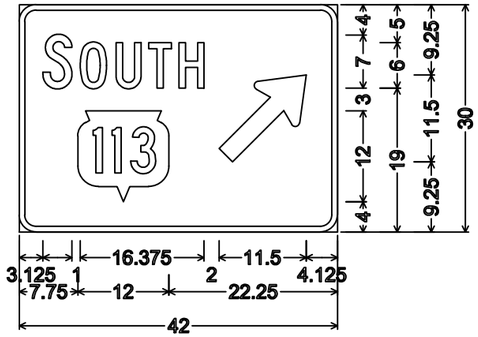
6.000" Radius, 1.000" Border, White on Green;
"WEST" C; "NORTH" C; d1-5a; "EAST" C



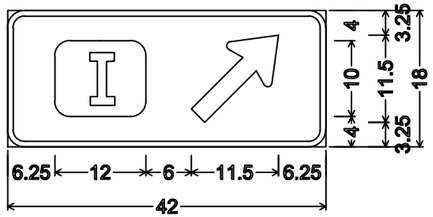
2.250" Radius, 0.750" Border



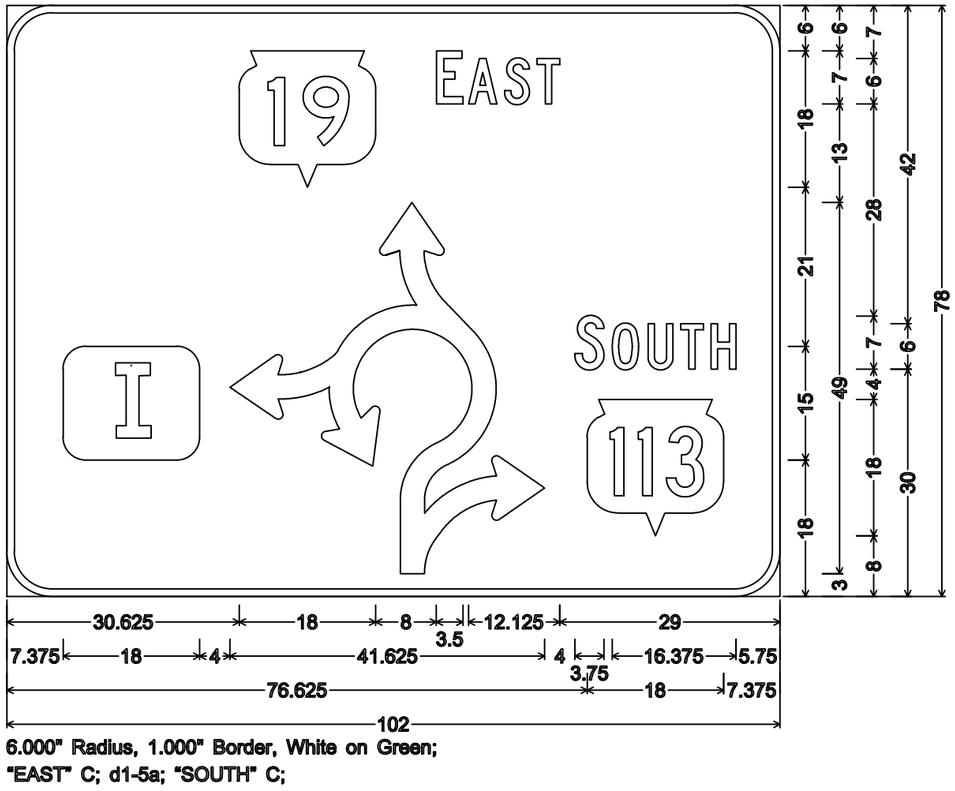
2.250" Radius, 0.750" Border



2.250" Radius, 0.750" Border



2.250" Radius, 0.750" Border



6.000" Radius, 1.000" Border, White on Green;
"EAST" C; d1-5a; "SOUTH" C;

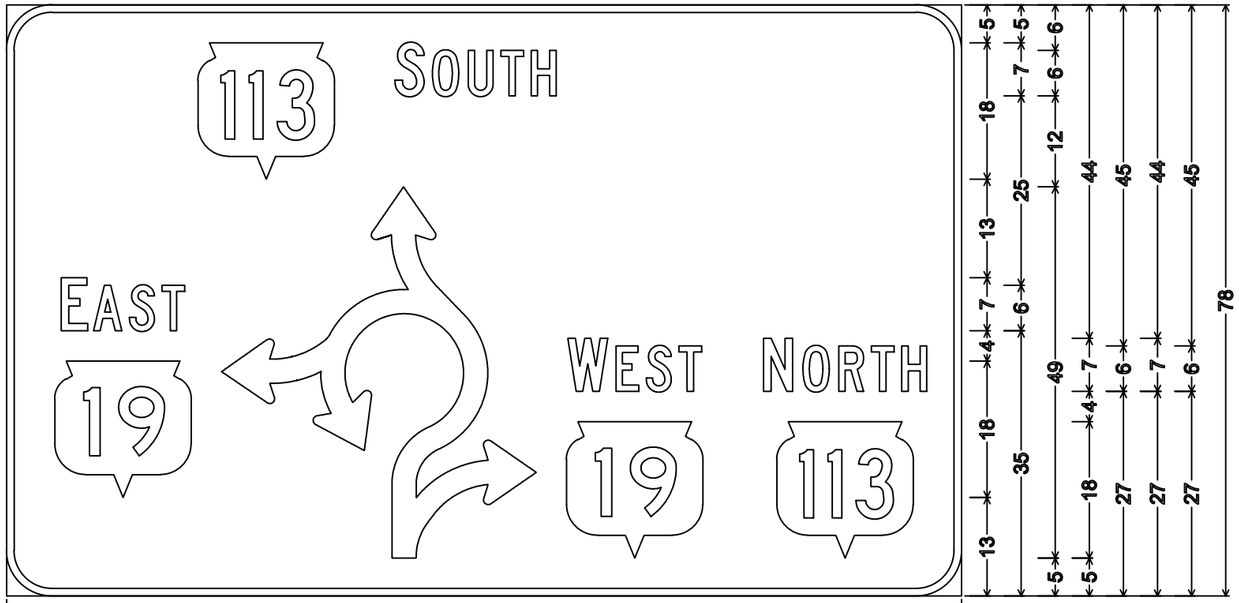
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET E

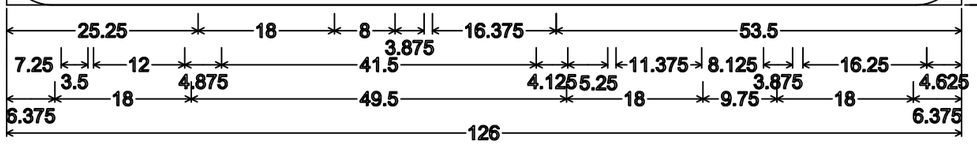
PRE_131

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\070101_SD.DWG
LAYOUT NAME - 070101_SD - 070101A_SD

PLOT DATE : 6/27/2016 3:45 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET

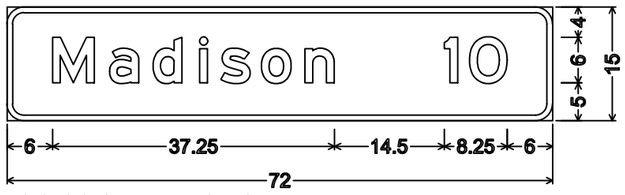




6.000" Radius, 1.000" Border, White on Green;
"SOUTH" C; "EAST" C; d1-5a; "WEST" C; "NORTH" C;



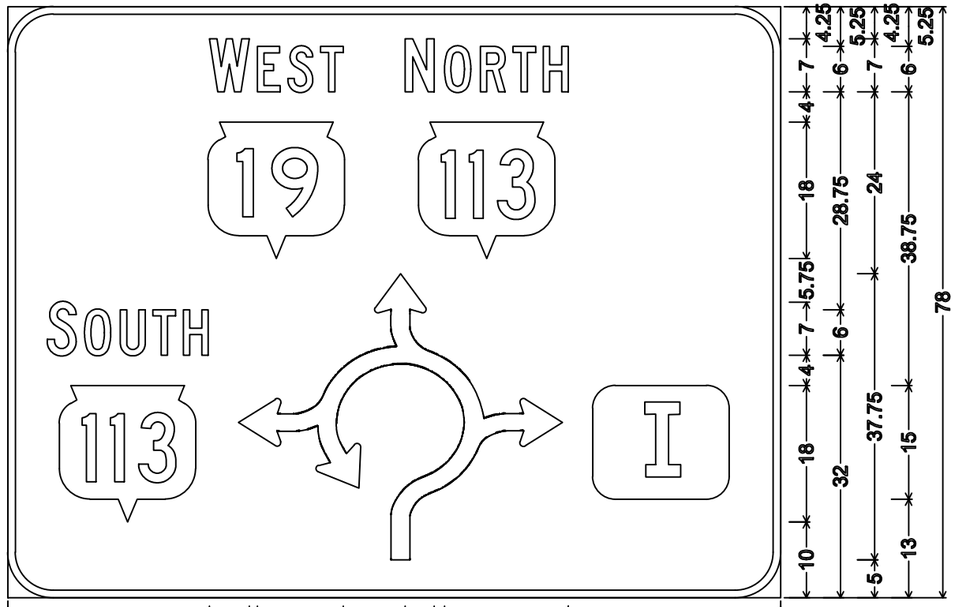
D2-1; 2.250" Radius, 0.750" Border
"Sun" E; "Prairie" E; "12" E;



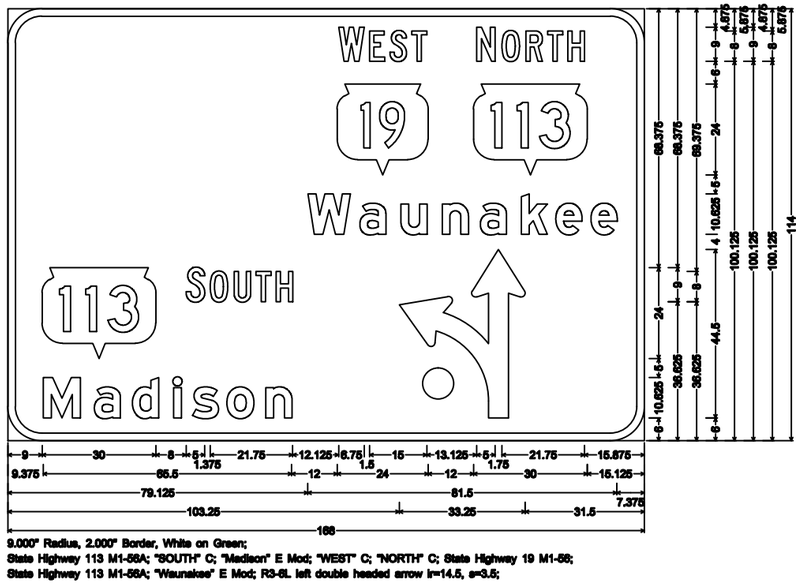
D2-1; 2.250" Radius, 0.750" Border
"Madison" E; "10" E;

NOTES

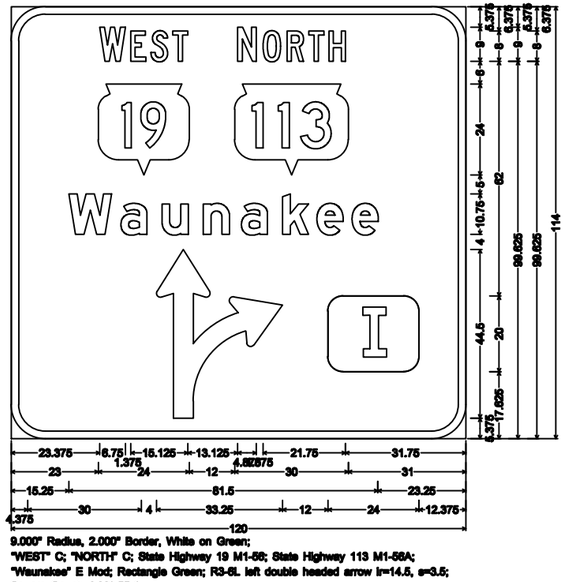
1. All Signs are Type II- Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C except as noted



6.000" Radius, 1.000" Border



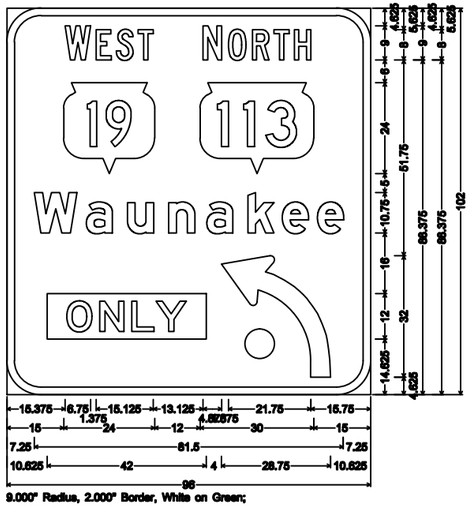
9.000" Radius, 2.000" Border, White on Green;
State Highway 113 M1-56A; "SOUTH" C; "Madison" E Mod; "WEST" C; "NORTH" C; State Highway 19 M1-56;
State Highway 113 M1-56A; "Waunakee" E Mod; R3-6L left double headed arrow lr=14.5, s=3.5;



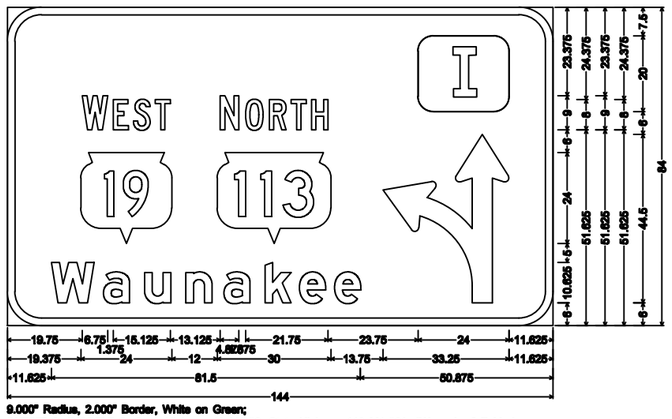
9.000" Radius, 2.000" Border, White on Green;
"WEST" C; "NORTH" C; State Highway 19 M1-56; State Highway 113 M1-56A;
"Waunakee" E Mod; Rectangle Green; R3-6L left double headed arrow lr=14.5, s=3.5;
Square County I M1-55-1;

NOTES

1. All Signs are Type I- Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except as noted
4. ONLY plaque background is Type F Sheeting



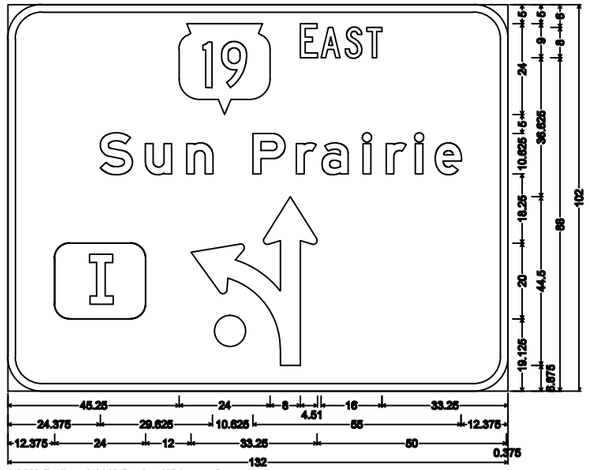
9.000" Radius, 2.000" Border, White on Green;
"WEST" C; "NORTH" C; State Highway 19 M1-56;
State Highway 113 M1-56A; "Waunakee" E Mod;
Rectangle Fluorescent yellow;
R3-6L left double headed arrow lr=14.5, s=3.5;



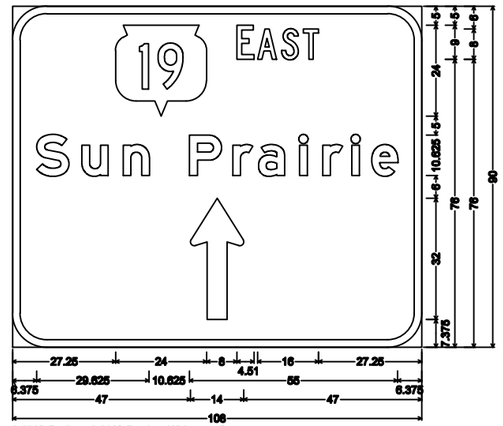
9.000" Radius, 2.000" Border, White on Green;
"WEST" C; "NORTH" C; State Highway 19 M1-56; State Highway 113 M1-56A; "Waunakee" E Mod;
Square County I M1-55-1; R3-6L left double headed arrow lr=14.5, s=3.5;



No border, Black on Fluorescent yellow;
"ONLY" E;



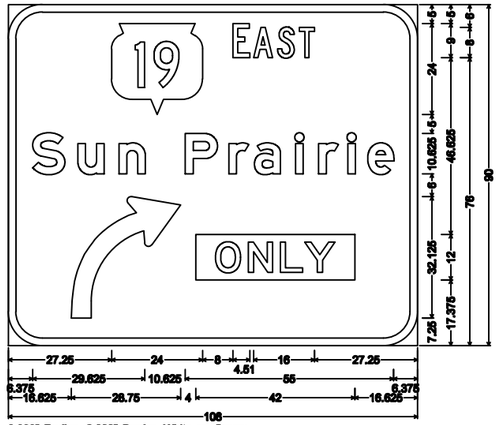
9.000" Radius, 2.000" Border, White on Green;
State Highway 19 M1-56; "EAST" C; "Sun" E Mod; "Prairie" E Mod; Square County I M1-55-1;
R3-6L left double headed arrow lr=14.5, s=3.5; Rectangle Green;



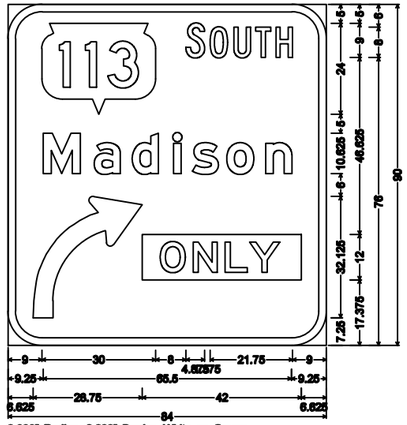
9.000" Radius, 2.000" Border, White on Green;
State Highway 19 M1-56; "EAST" C; "Sun" E Mod; "Prairie" E Mod;
R3-6L left double headed arrow lr=14.5, s=3.5;



No border, Black on Fluorescent yellow;
"ONLY" E;



9.000" Radius, 2.000" Border, White on Green;
State Highway 19 M1-56; "EAST" C; "Sun" E Mod; "Prairie" E Mod;
R3-6L left double headed arrow lr=14.5, s=3.5; Rectangle Fluorescent yellow;



9.000" Radius, 2.000" Border, White on Green;
State Highway 113 M1-56A; "SOUTH" C; "Madison" E Mod;
R3-6L left double headed arrow lr=14.5, s=3.5;
Rectangle Fluorescent yellow;

NOTES

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   Background - Green
   Message - White
3. Message Series - E Modified except as noted
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7

7

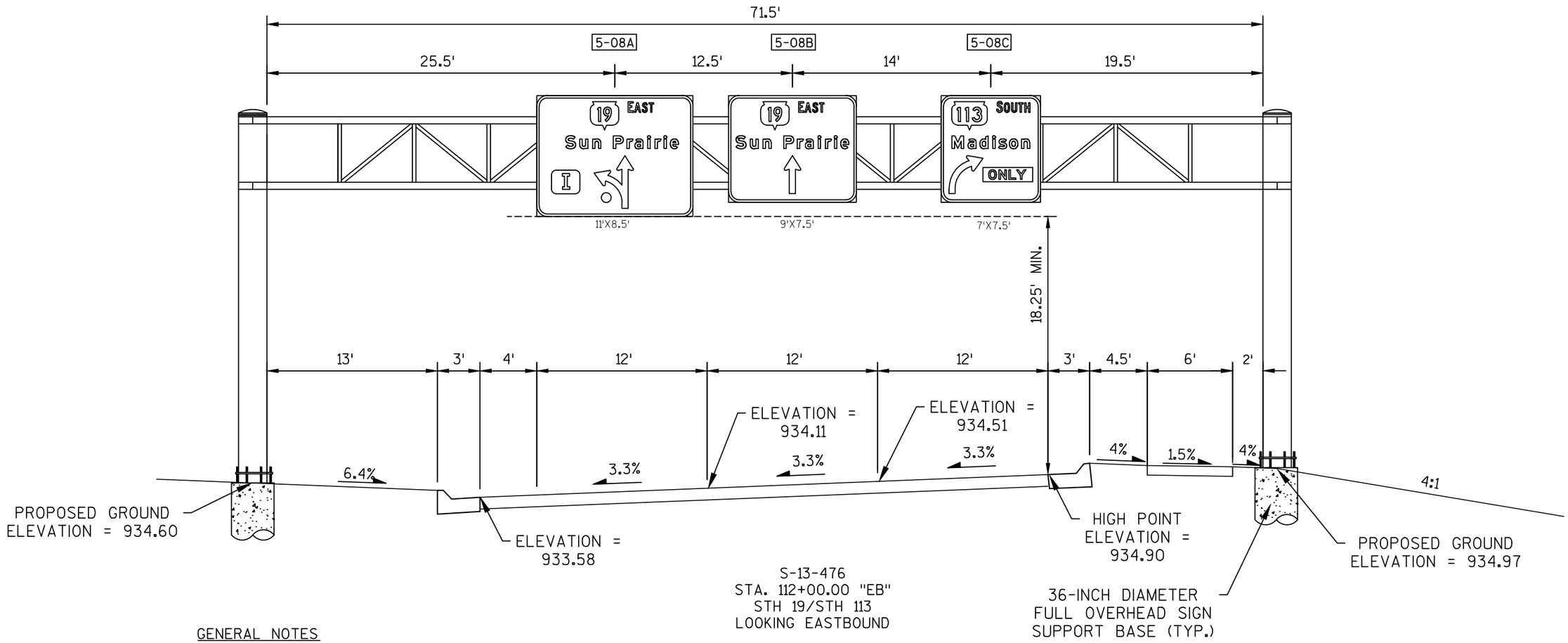
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET E

PRE_134

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\070101_SD.DWG
LAYOUT NAME - 070101_SD - 070101D_SD

PLOT DATE : 6/27/2016 3:46 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET



GENERAL NOTES

1) DRAWINGS NOT TO SCALE

2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS."

3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS, TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".

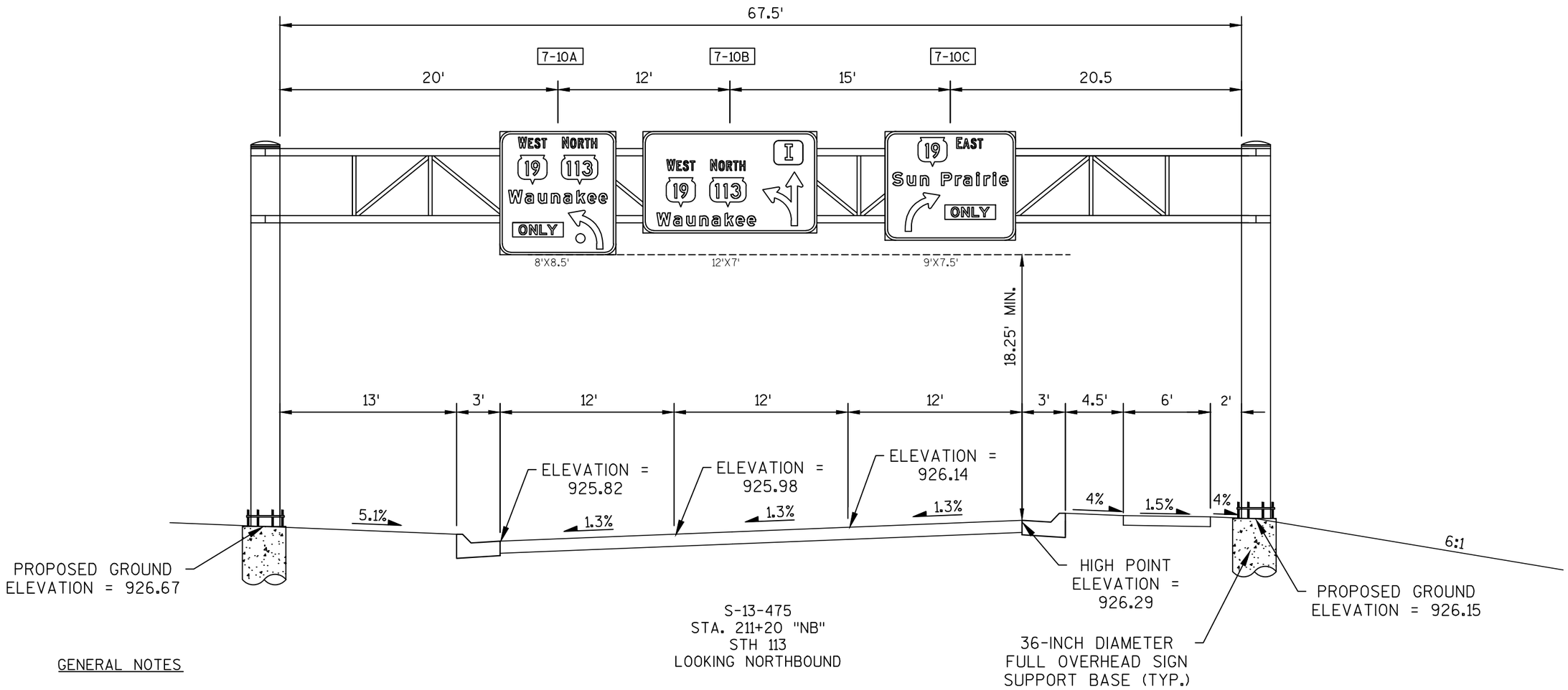
4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CAGE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.

5) PROVIDE DESIGN CALCULATIONS.

6) DESIGN WIND VELOCITIES SHALL BE PER WISDOT SPECS.

7) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERMANENT SIGNS.

8) MINIMUM OF SIX(6) ANCHOR RODS SHALL BE USED PER STANDARD DETAIL DRAWING.



GENERAL NOTES

1) DRAWINGS NOT TO SCALE

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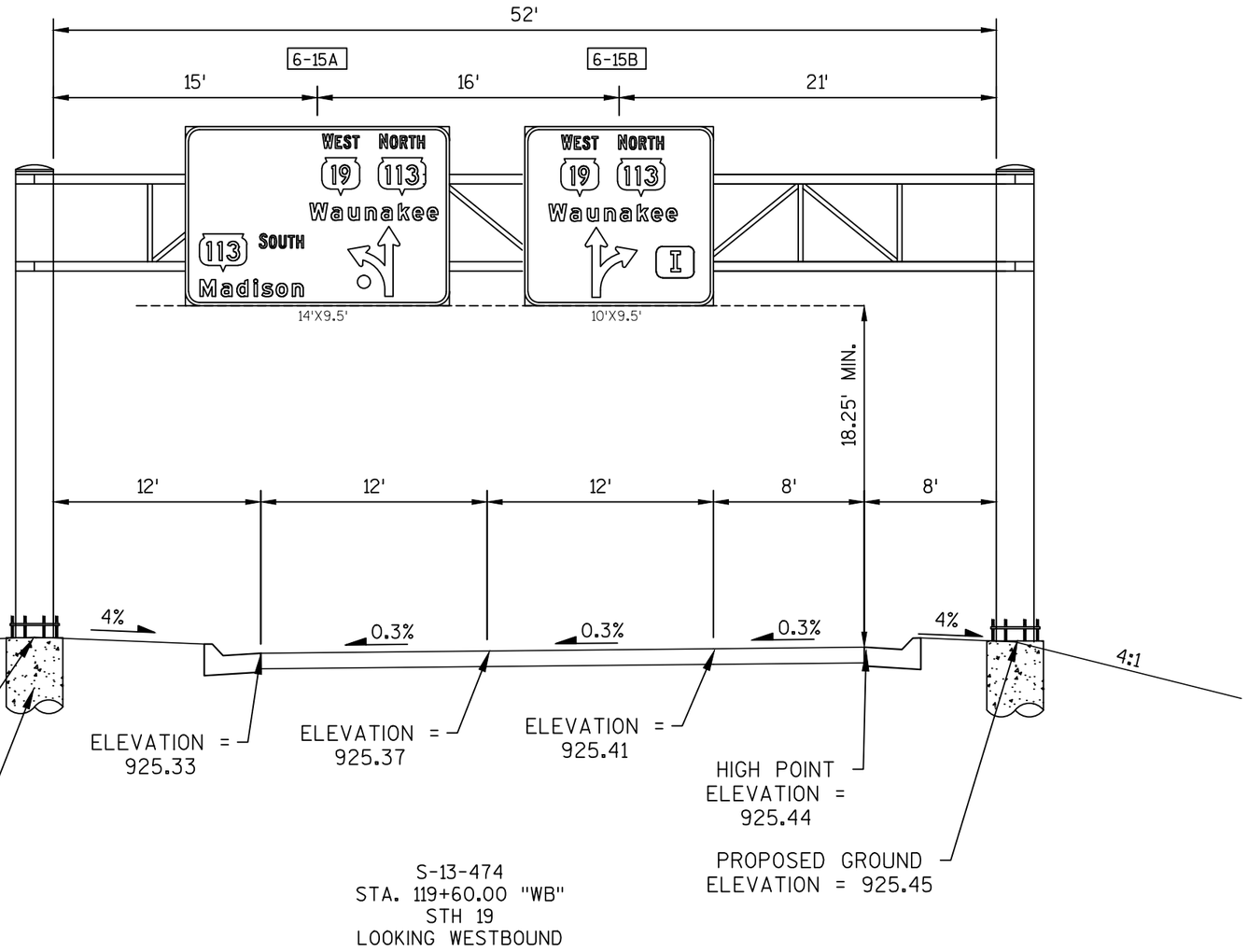
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S-13-474
STA. 119+60.00 "WB"
STH 19
LOOKING WESTBOUND

GENERAL NOTES

1) DRAWINGS NOT TO SCALE

2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS."

3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS, TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".

4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CAGE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.

5) PROVIDE DESIGN CALCULATIONS.

6) DESIGN WIND VELOCITIES SHALL BE PER WISDOT SPECS.

7) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERMANENT SIGNS.

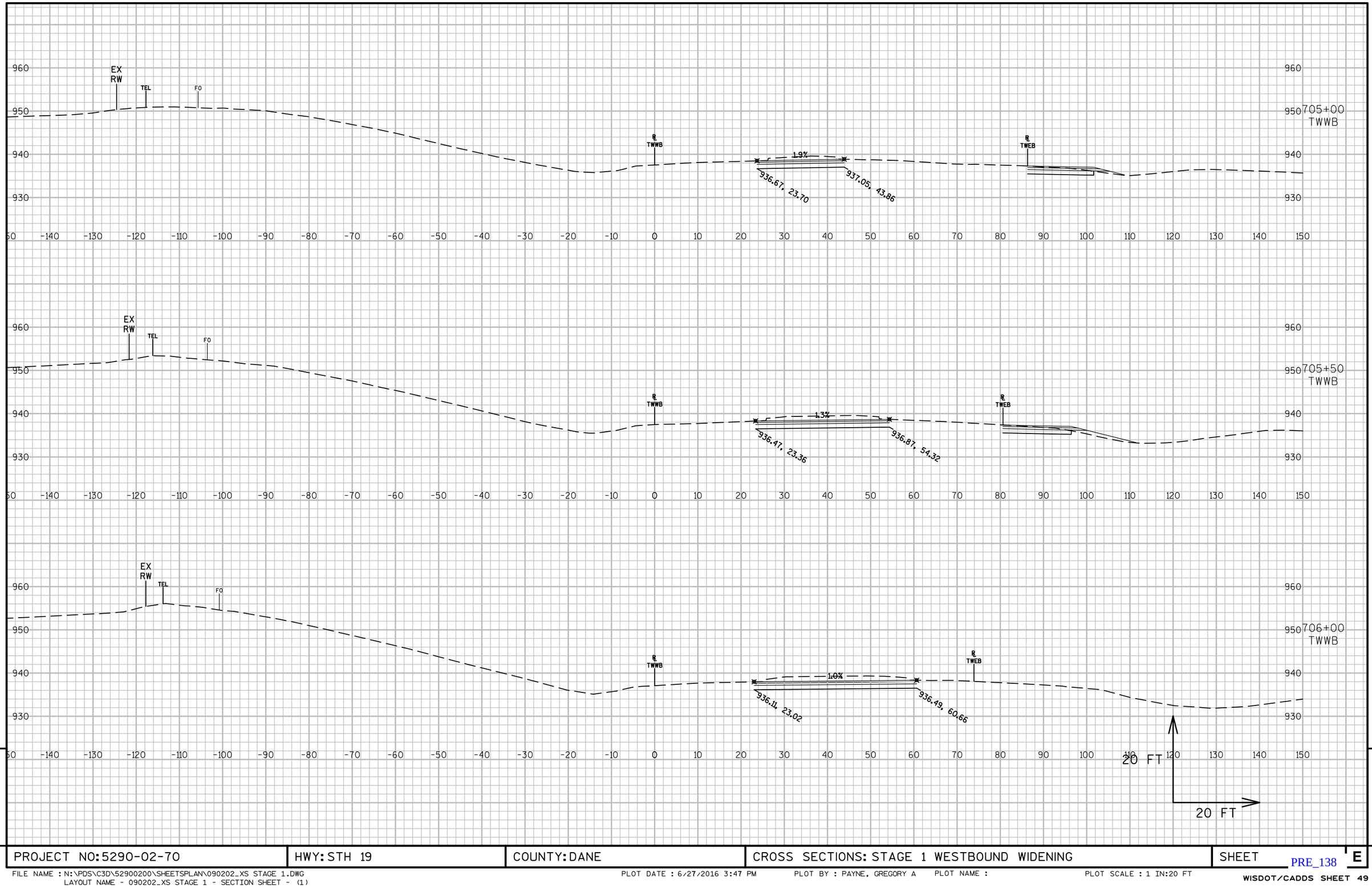
8) MINIMUM OF SIX(6) ANCHOR RODS SHALL BE USED PER STANDARD DETAIL DRAWING.

8

8

PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING STRUCTURE DETAILS	SHEET E

PRE_137



9

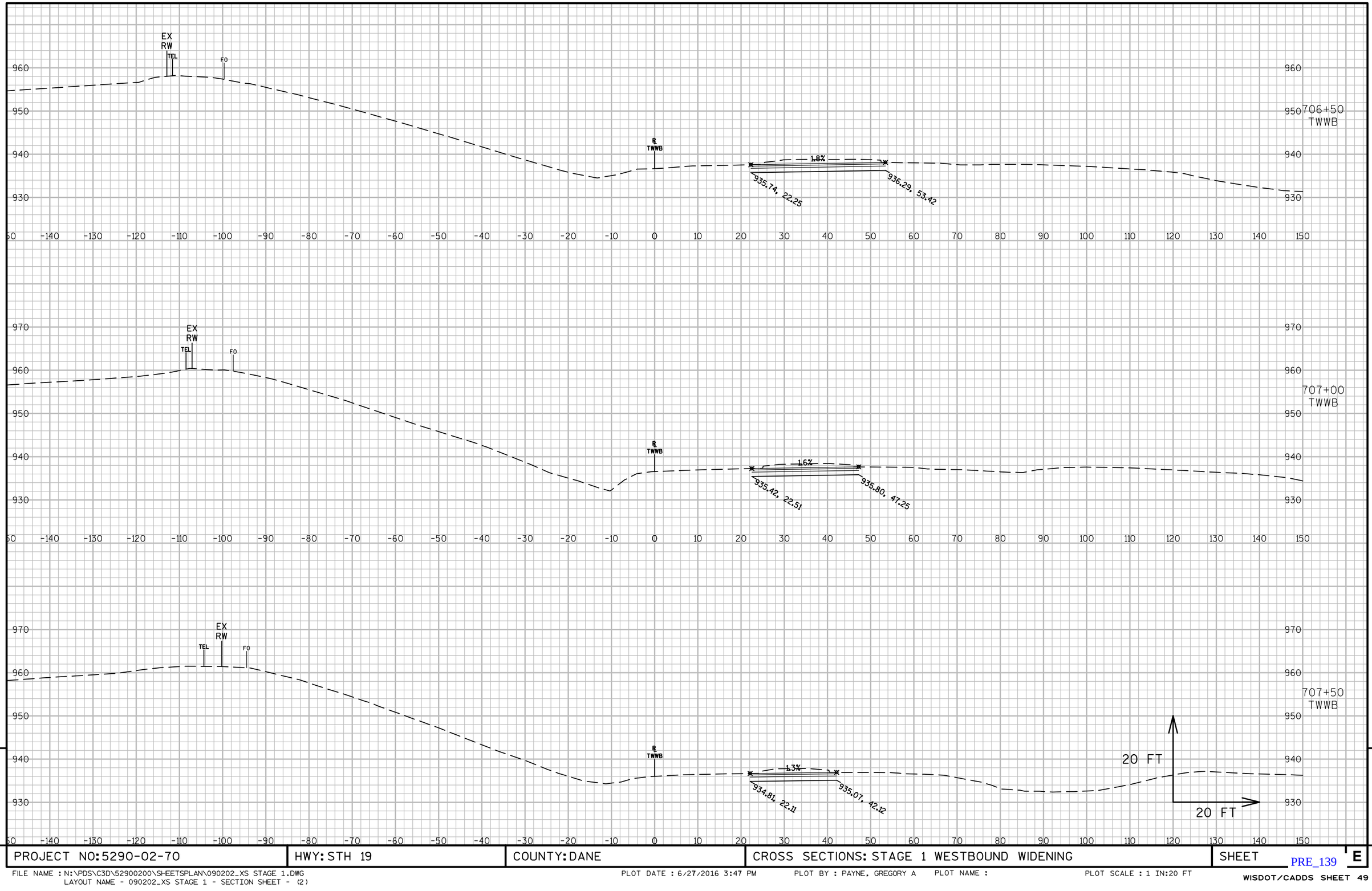
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PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_138

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (1)

PLOT DATE : 6/27/2016 3:47 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

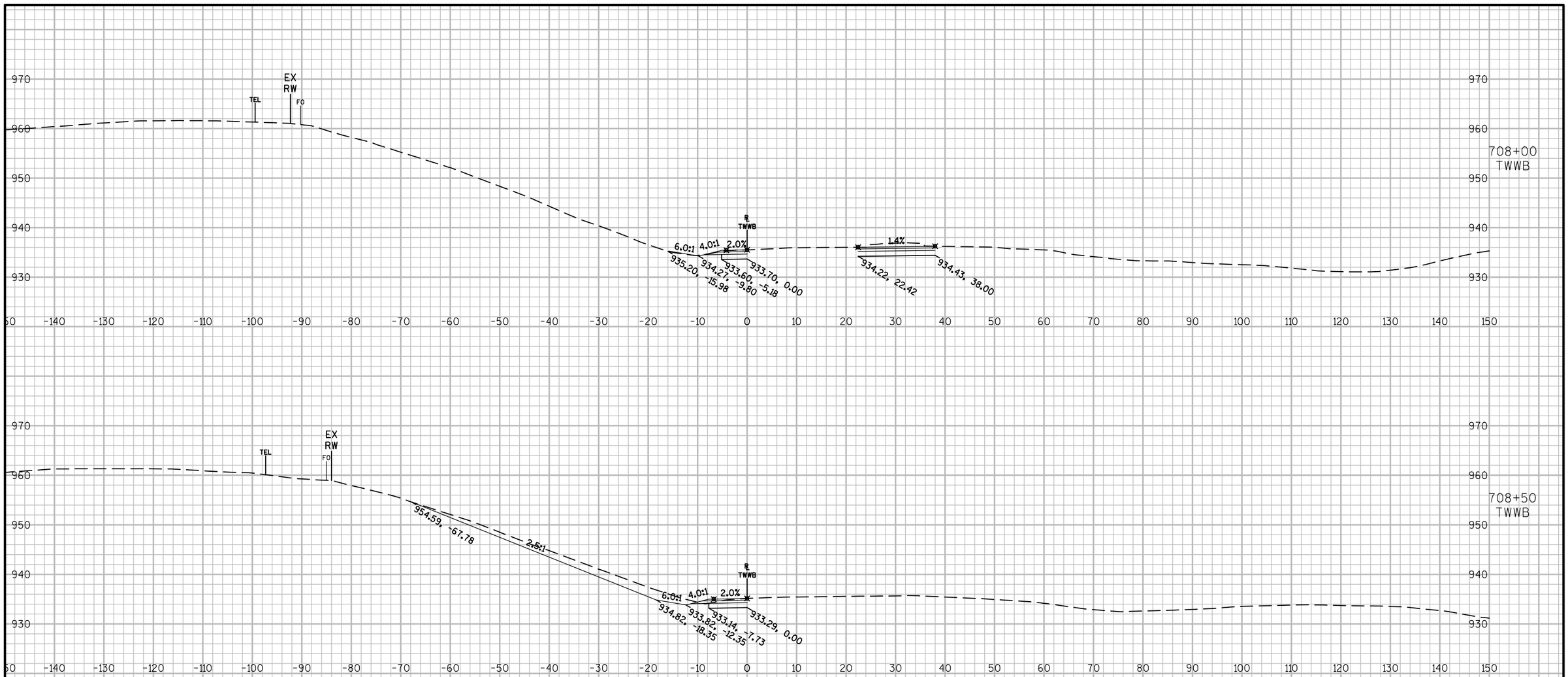
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PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_139

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (2)

PLOT DATE : 6/27/2016 3:47 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



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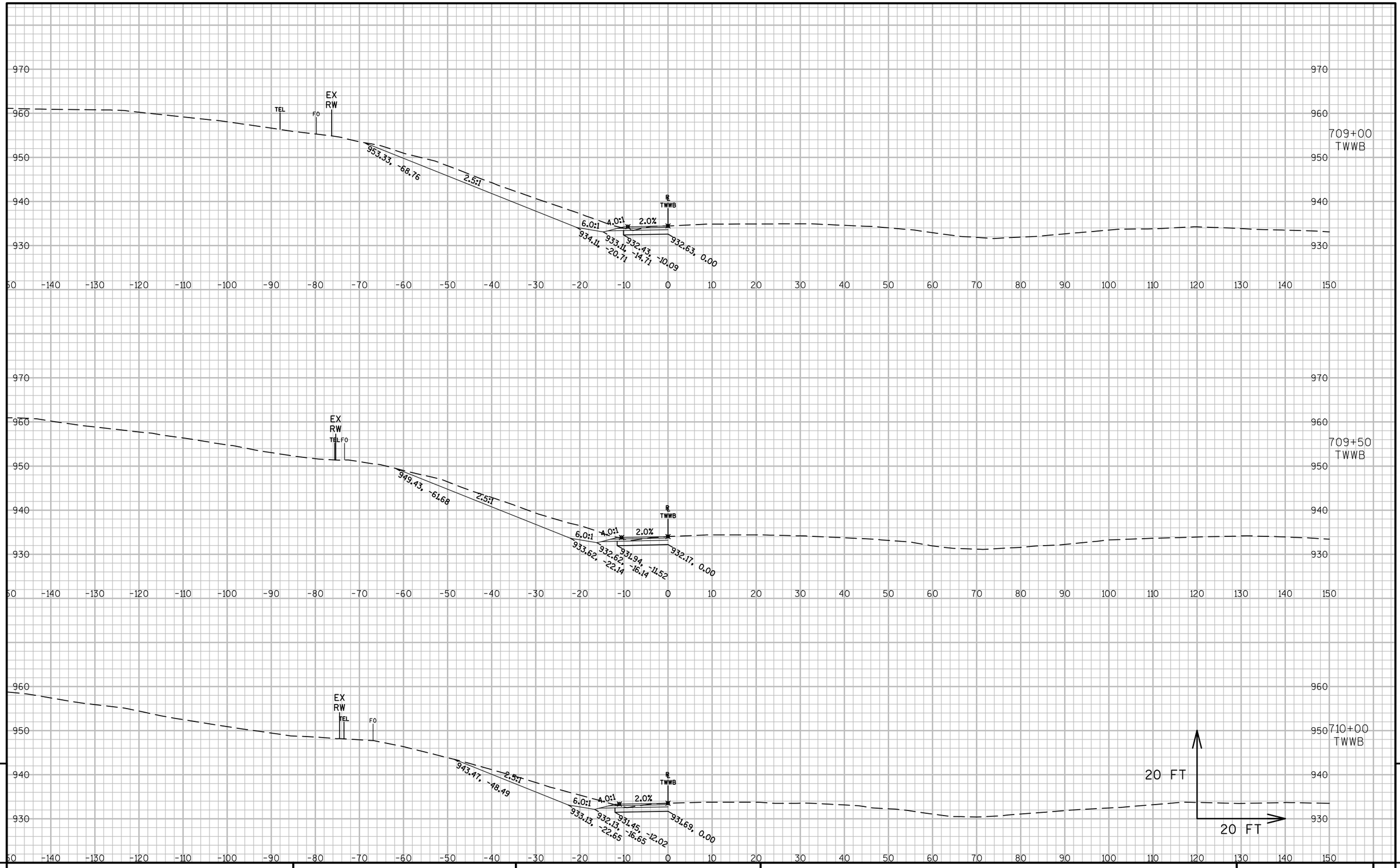
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_140

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (3)

PLOT DATE : 6/27/2016 3:47 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

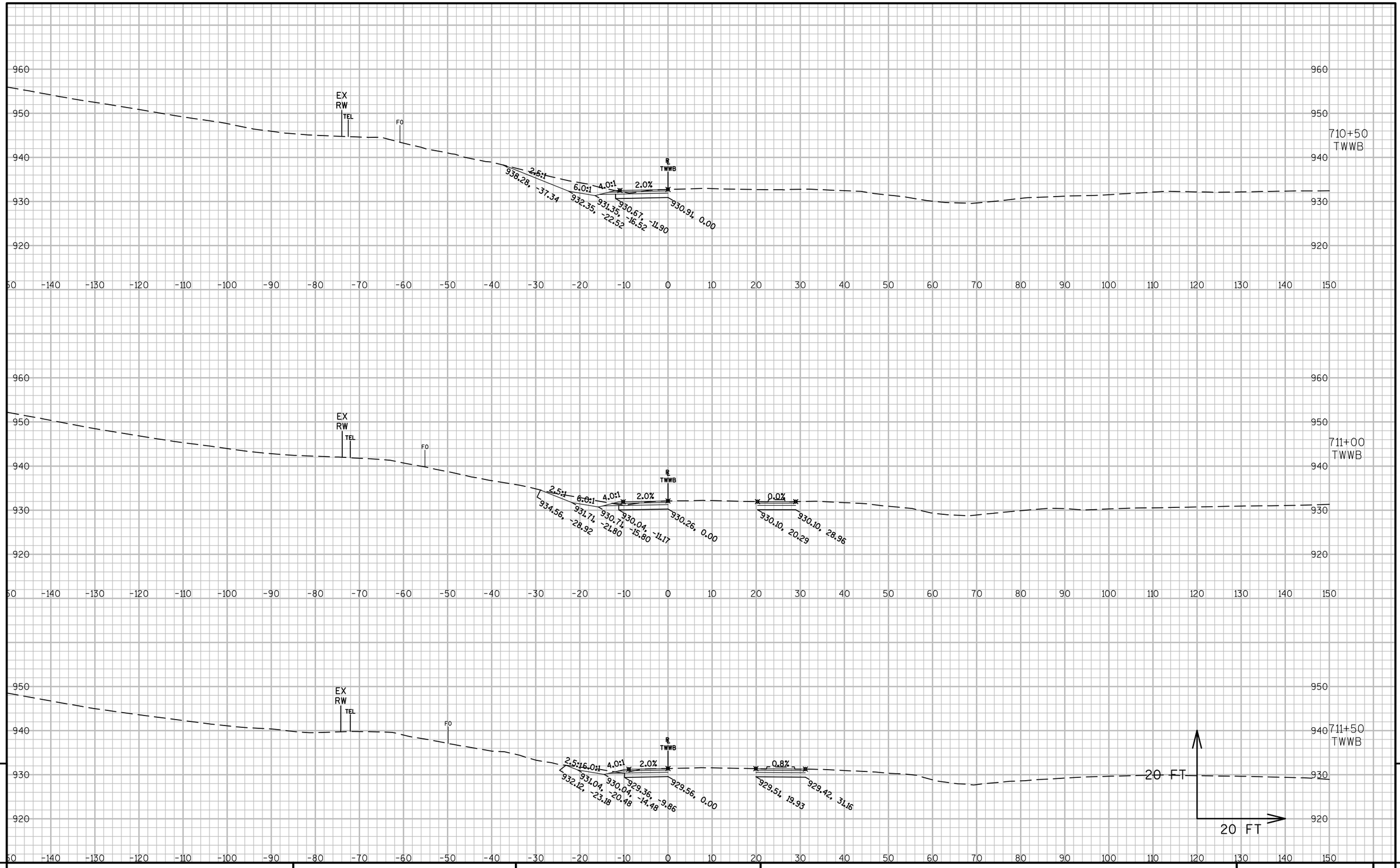
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PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_141

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (4)

PLOT DATE : 6/27/2016 3:48 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



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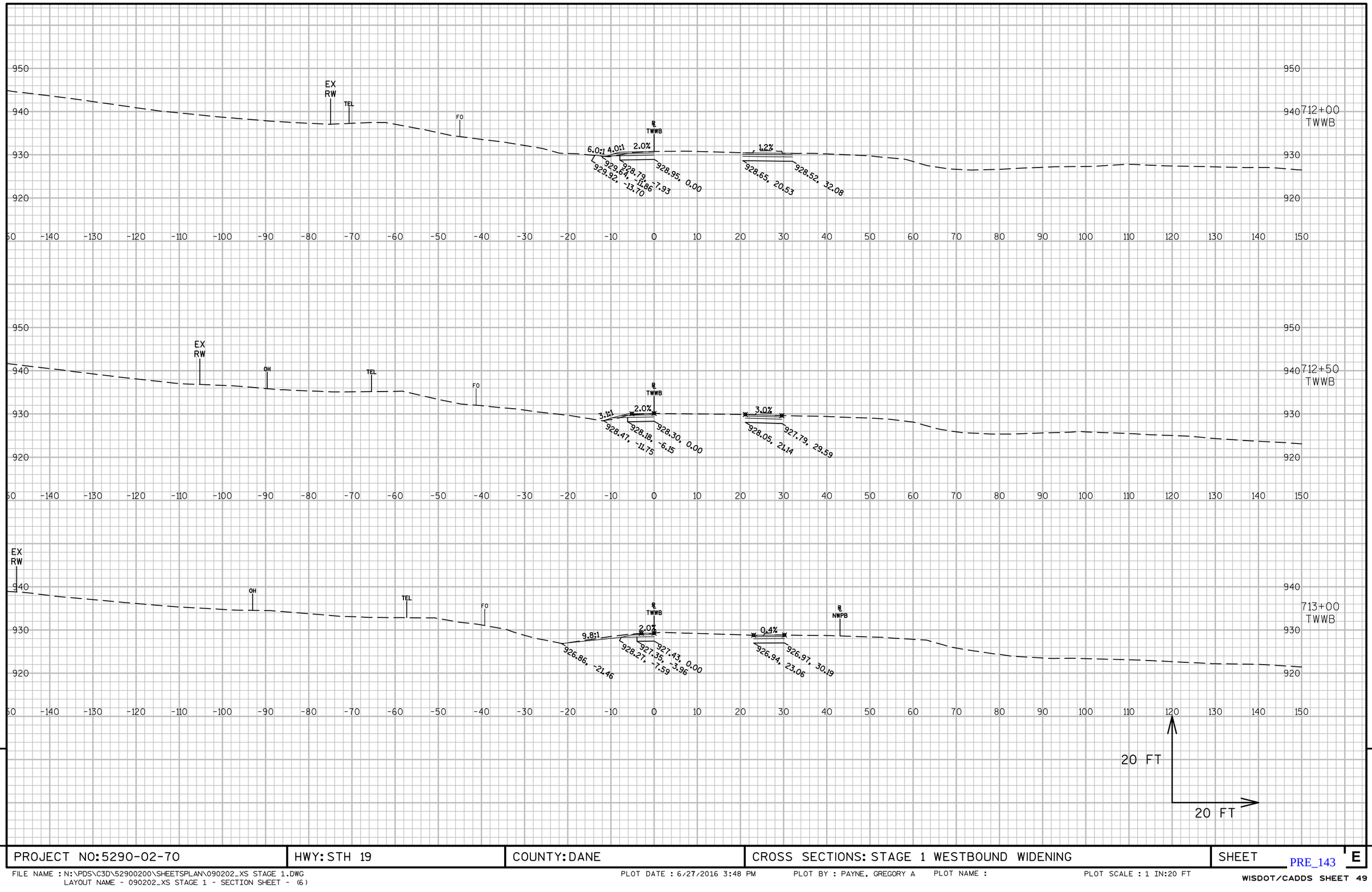
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_142

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (5)

PLOT DATE : 6/27/2016 3:48 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



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PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

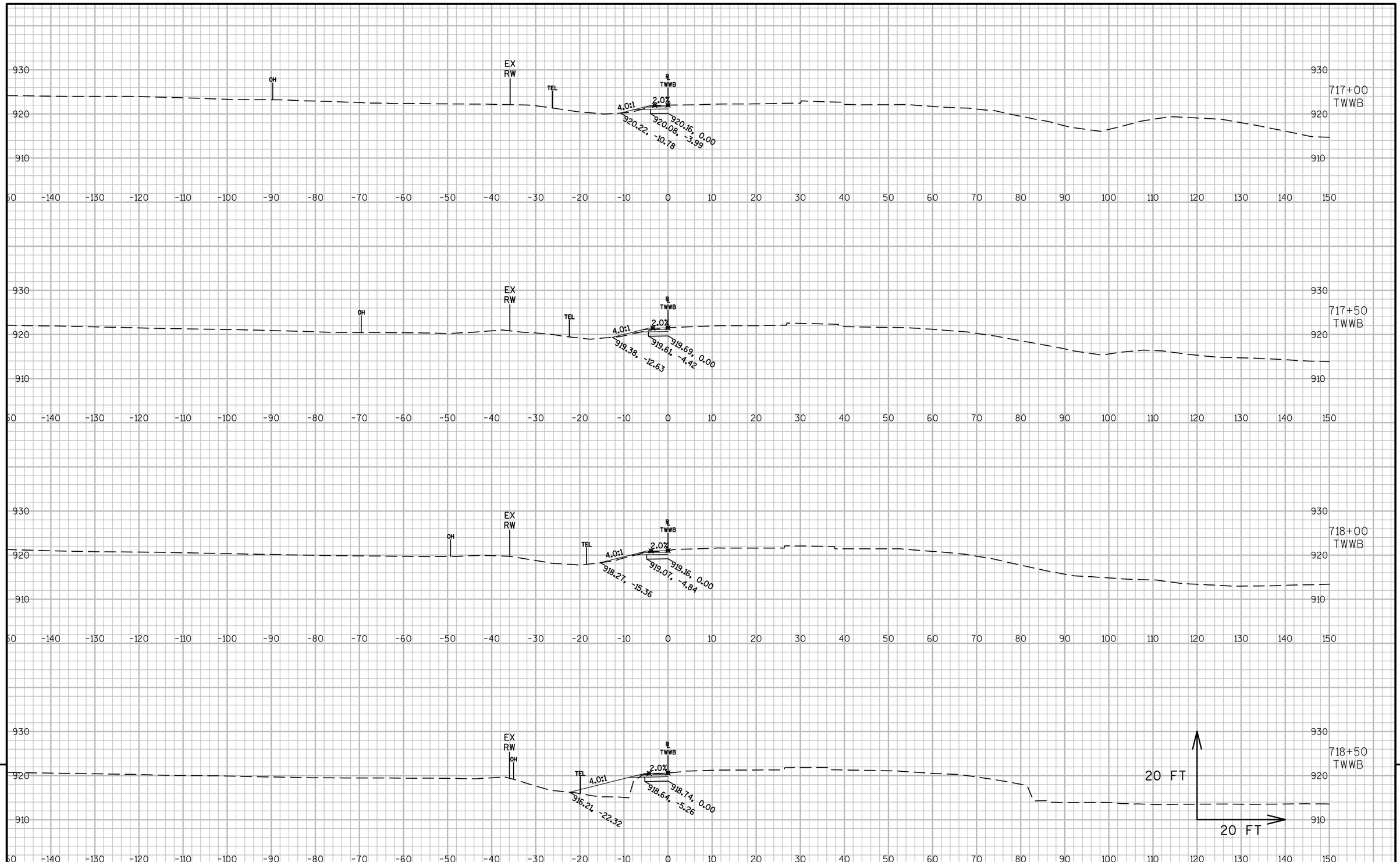
PRE_143

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (6)

PLOT DATE : 6/27/2016 3:48 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

9



9

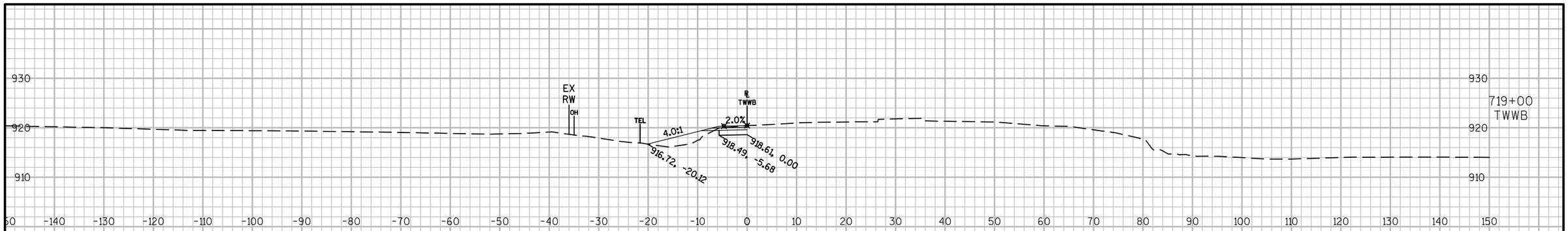
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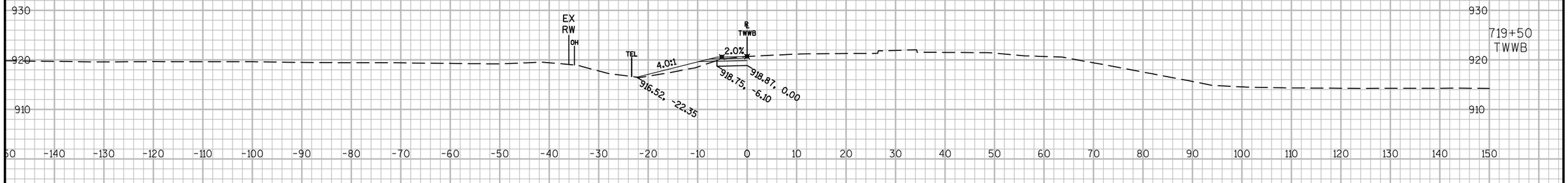
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

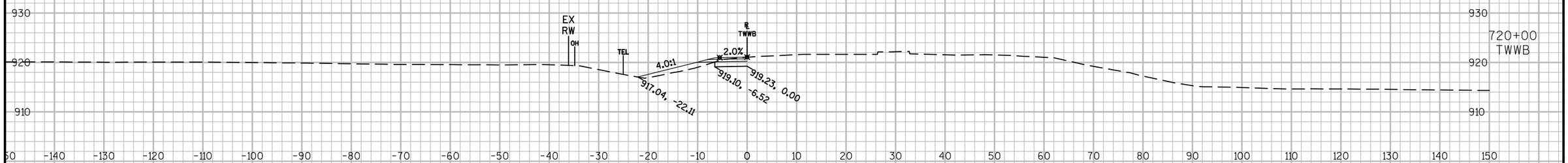
PRE_144

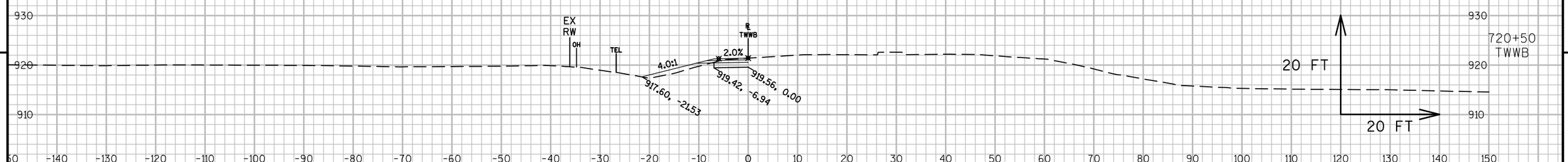
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LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (7)

PLOT DATE : 6/27/2016 3:48 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT









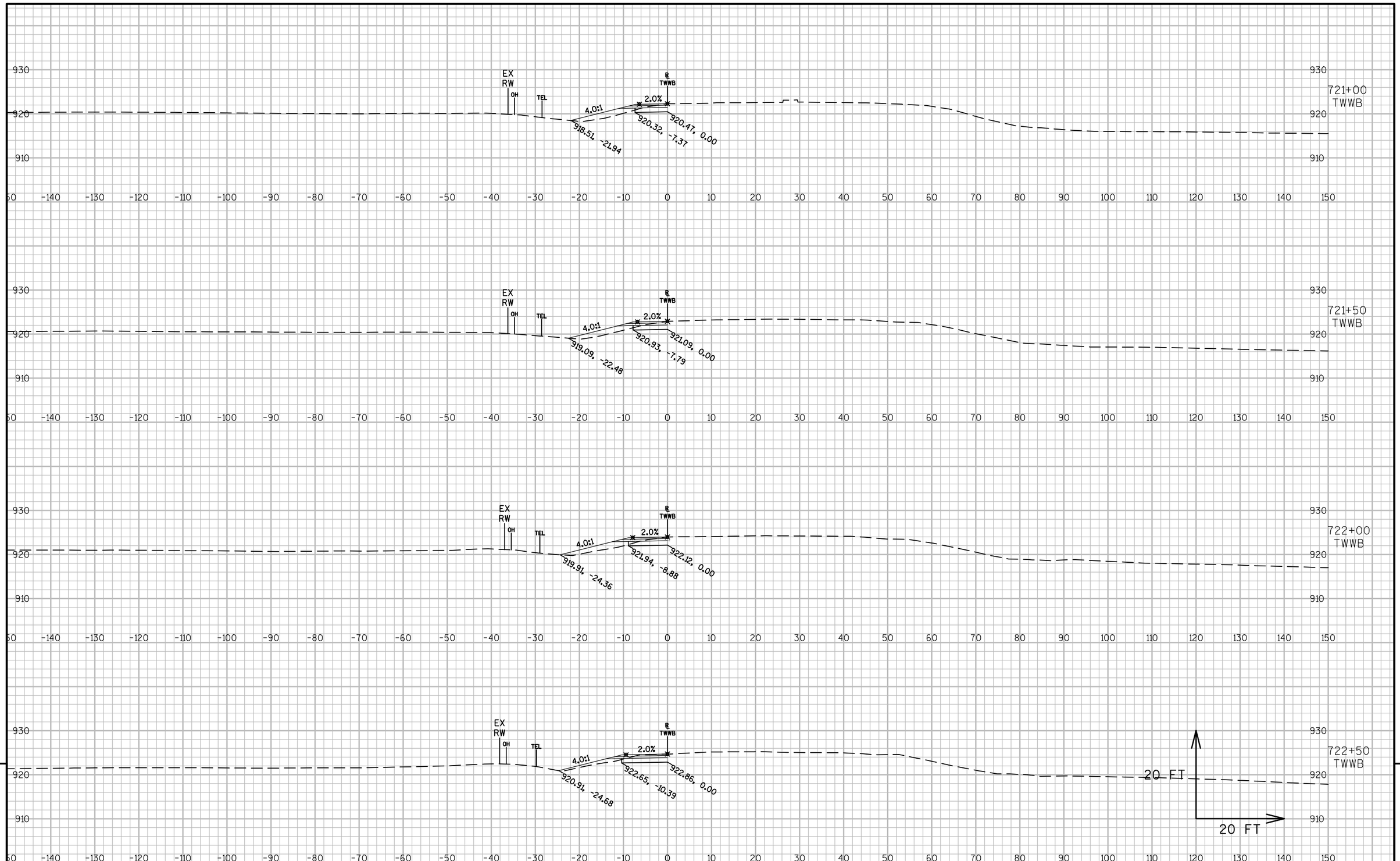
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (8)

PLOT DATE : 6/27/2016 3:48 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



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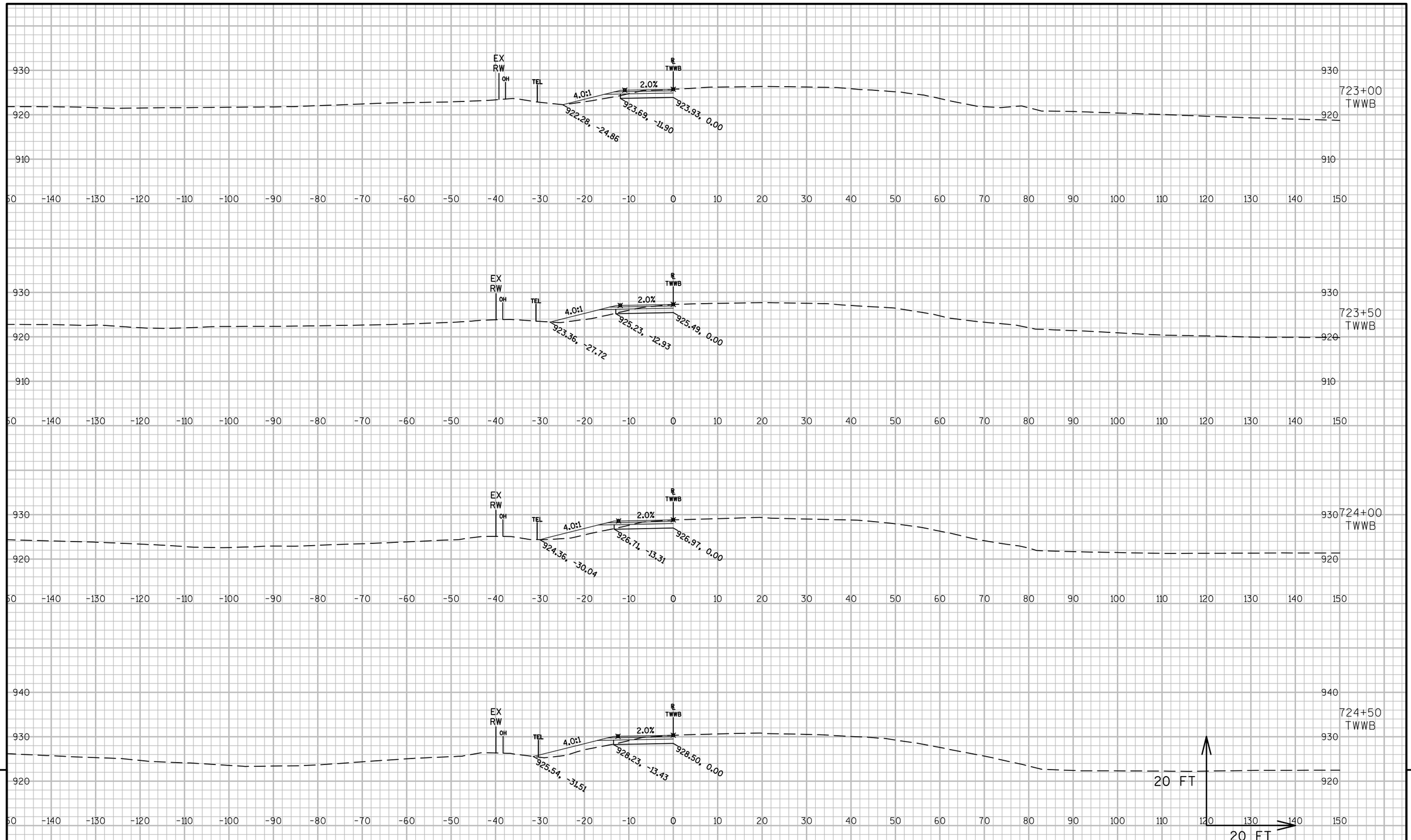
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_146

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (9)

PLOT DATE : 6/27/2016 3:48 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



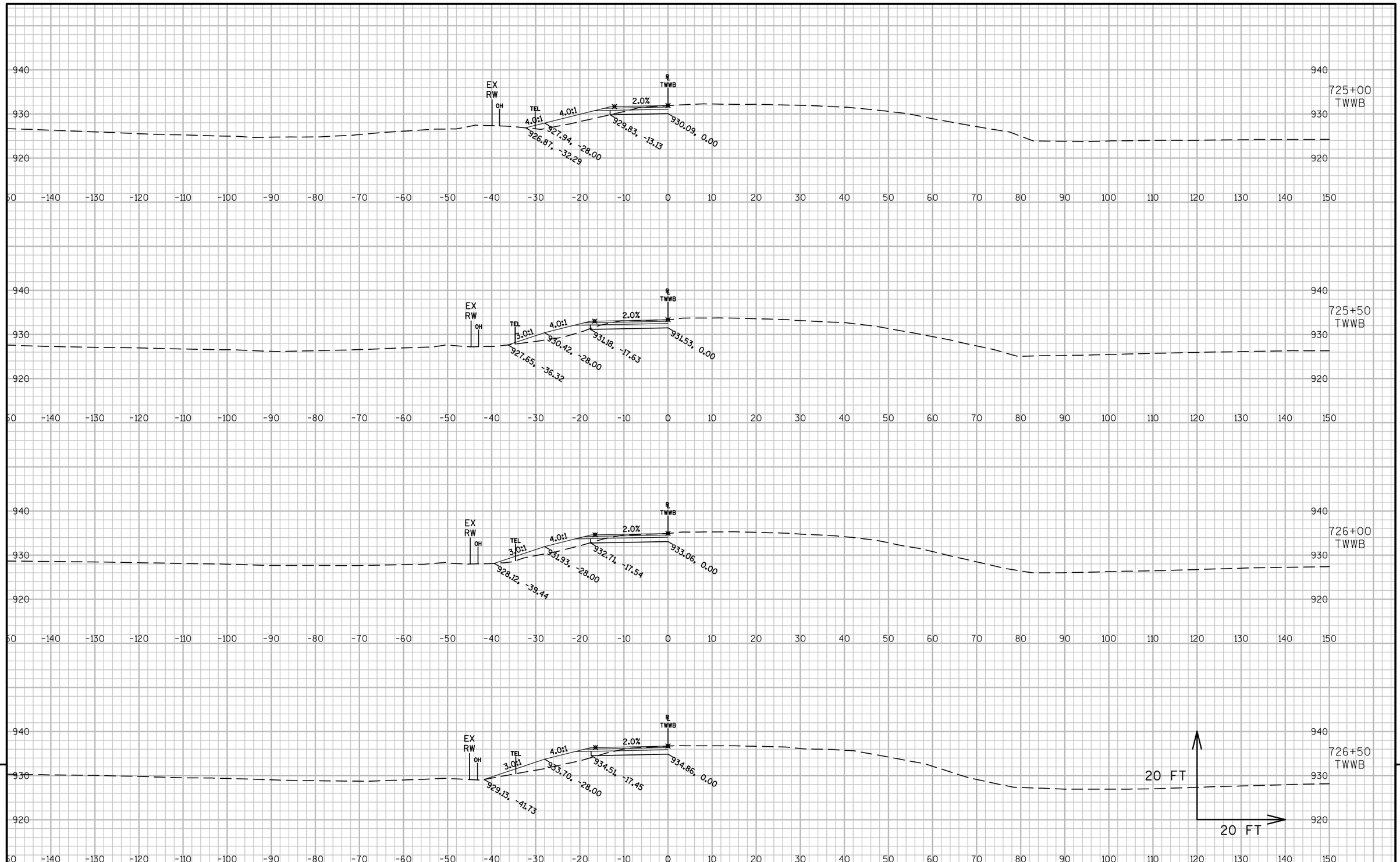
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_147

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (10)

PLOT DATE : 6/27/2016 3:48 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

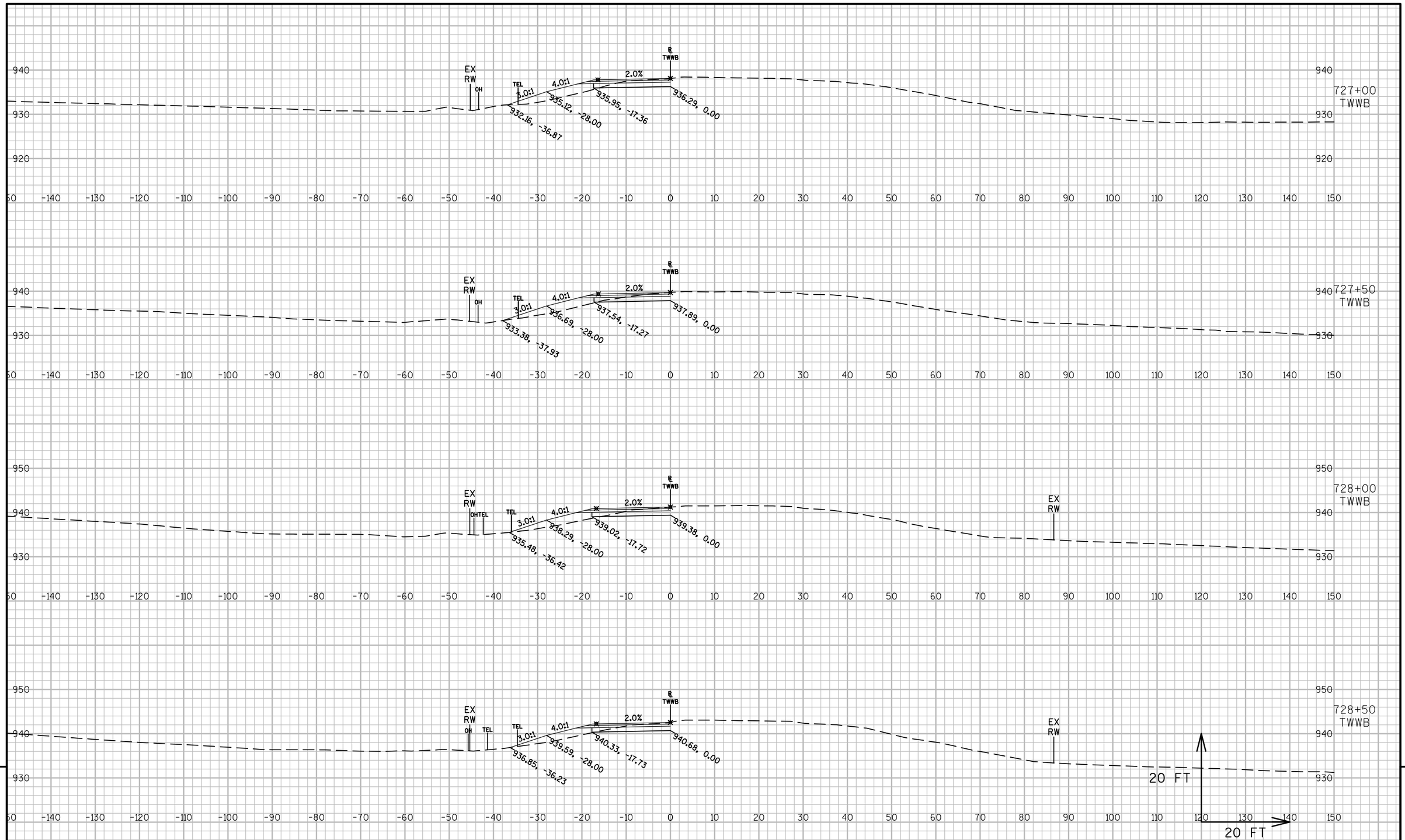
PRE_148

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (11)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

9



9

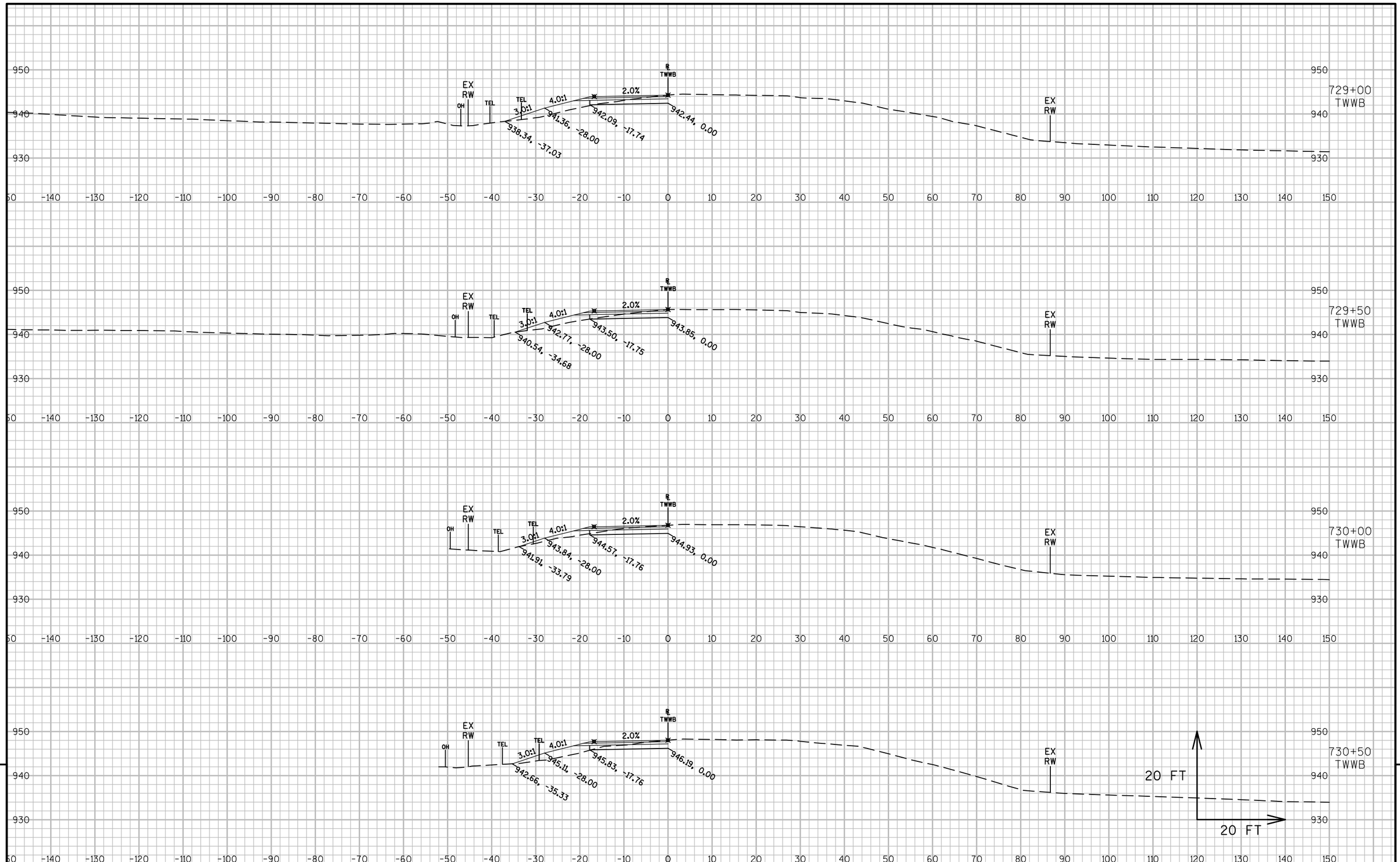
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_149

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (12)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



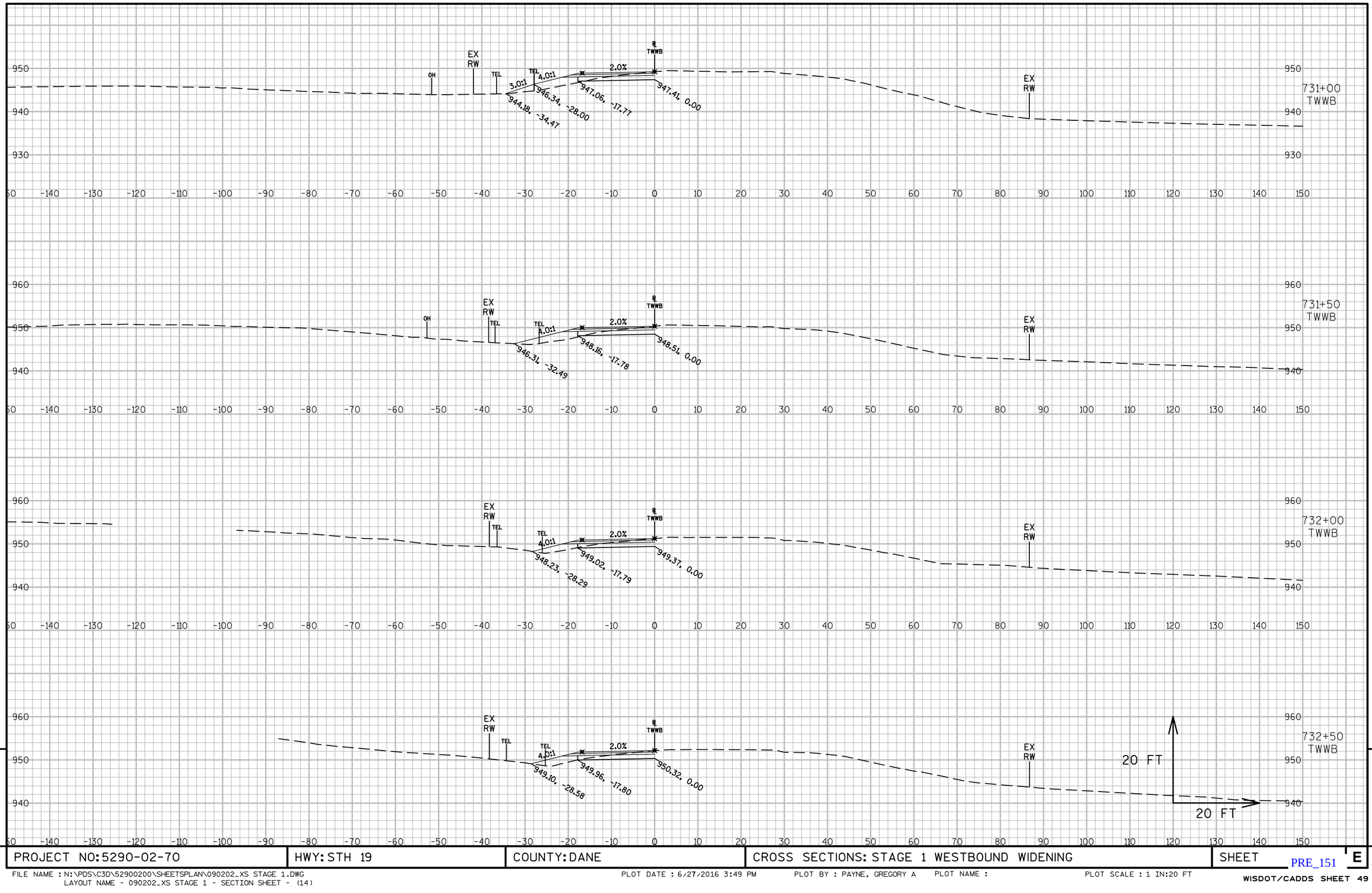
9 9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_150

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (13)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

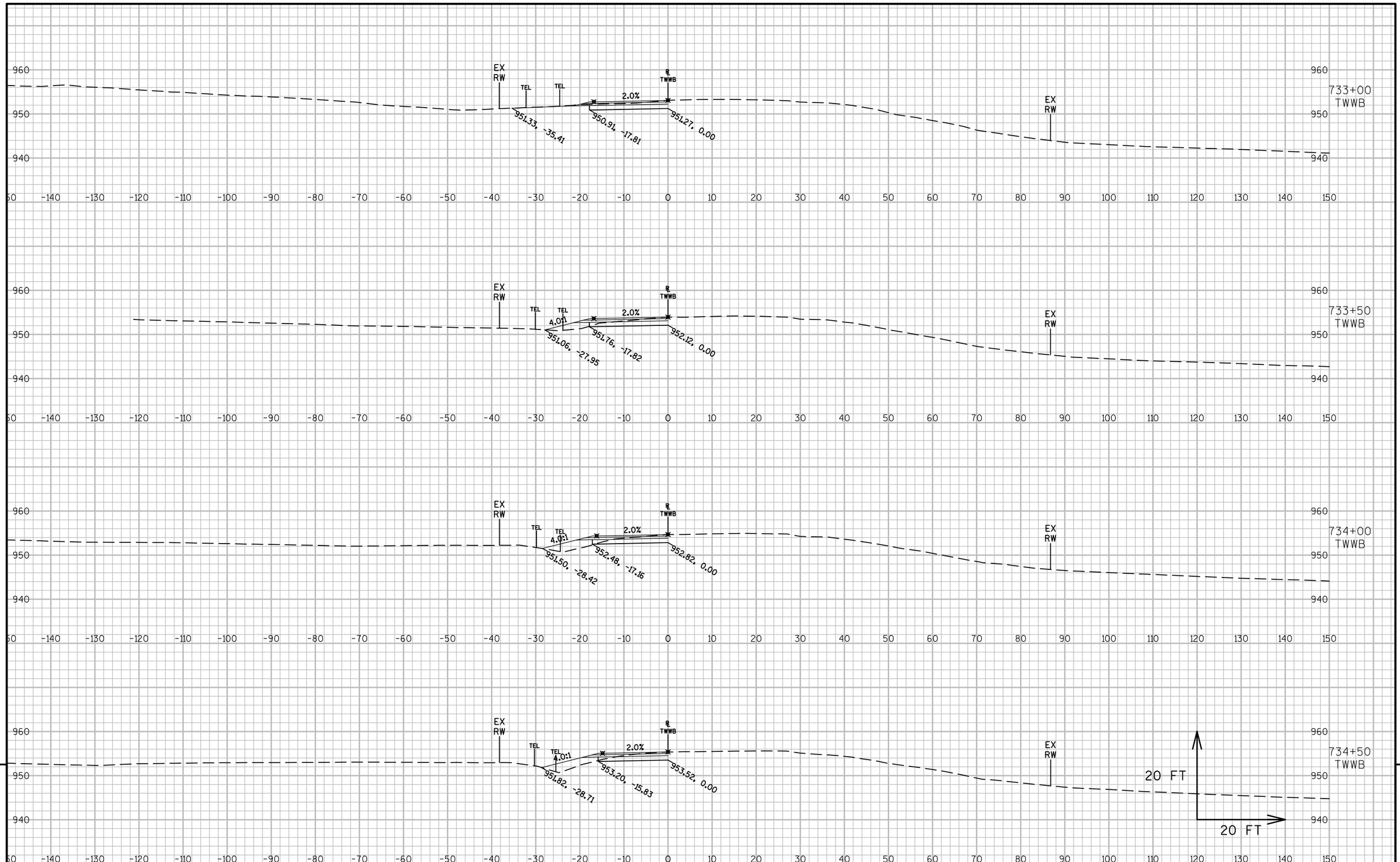
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_151

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (14)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

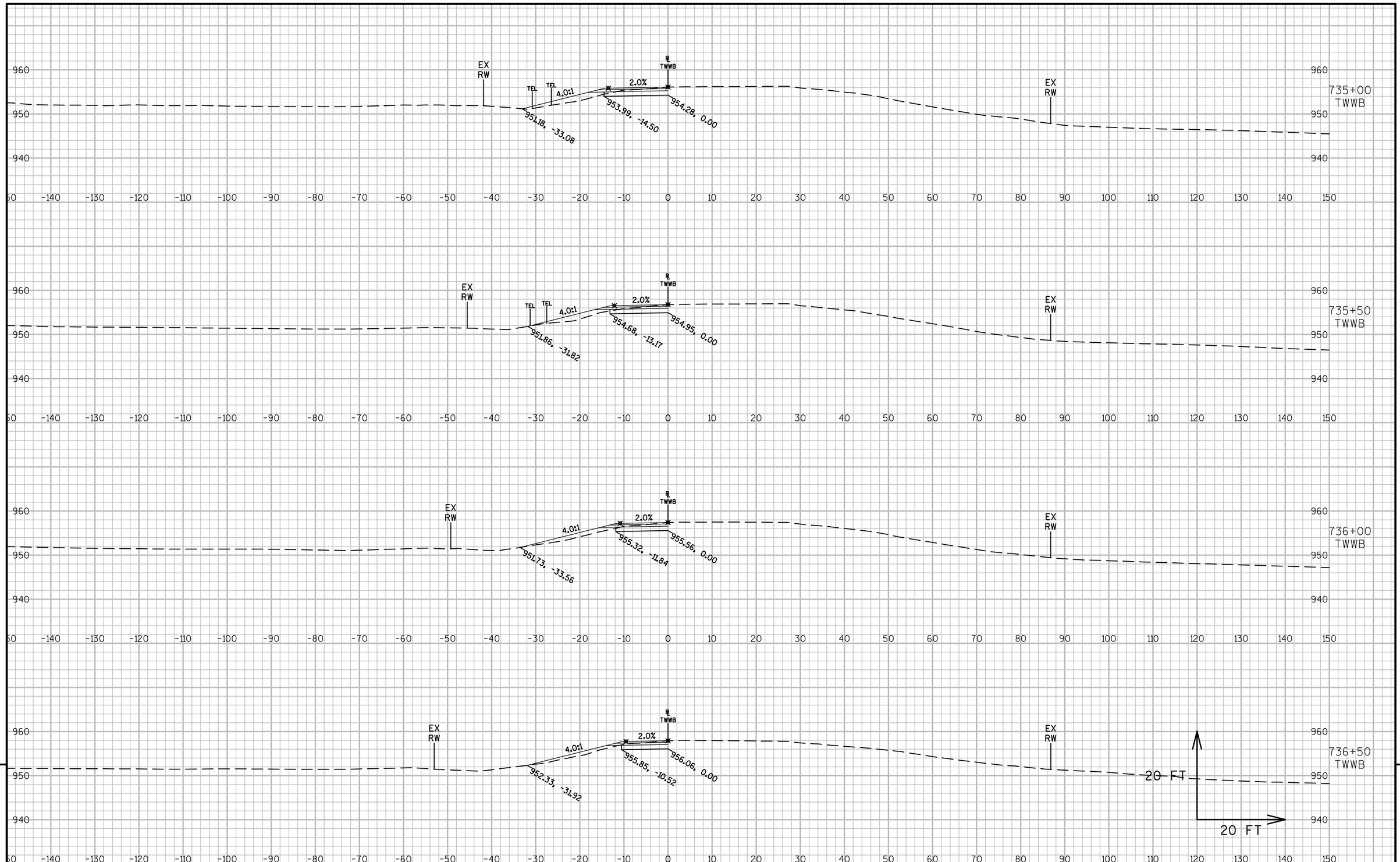
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_152

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (15)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



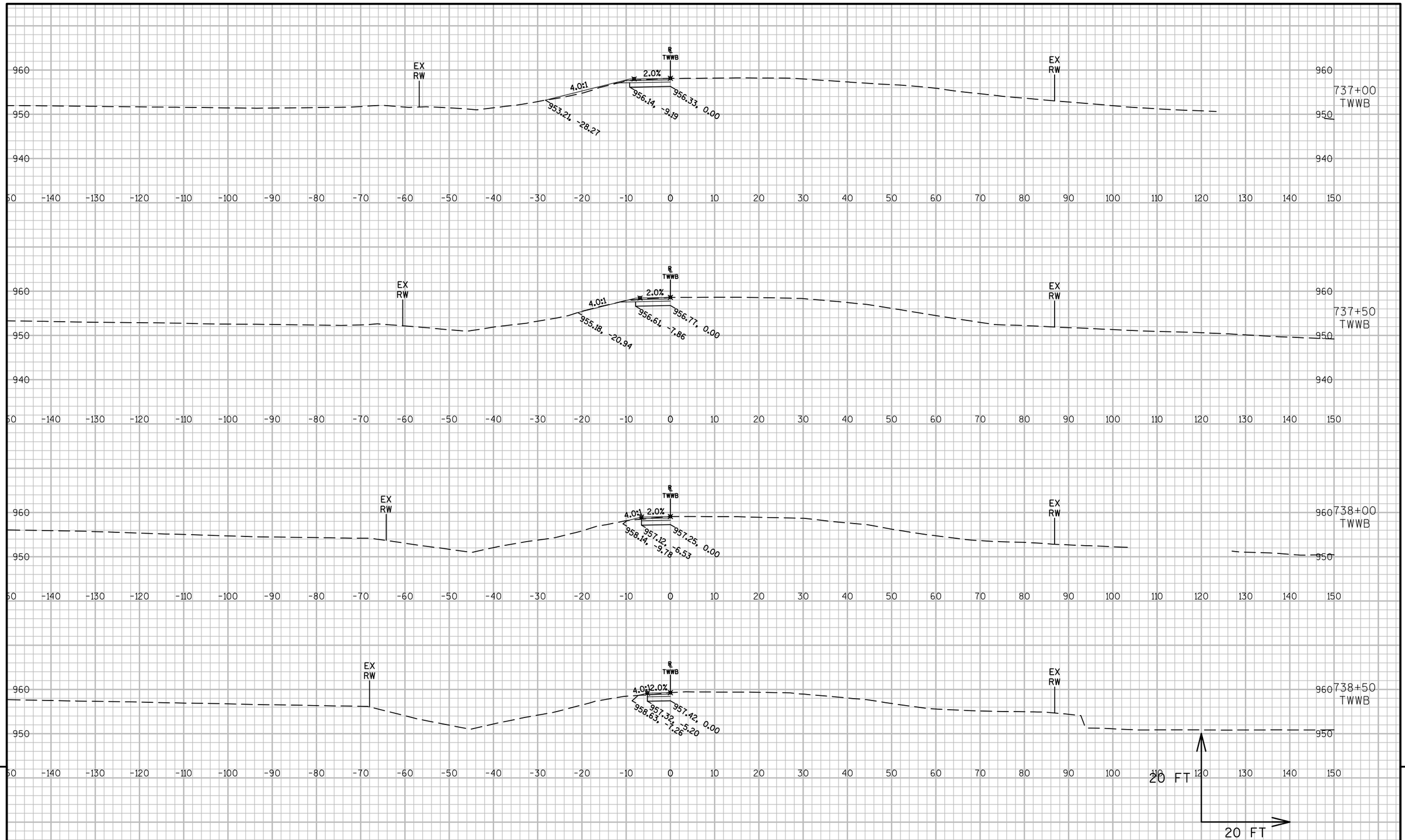
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_153

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (16)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

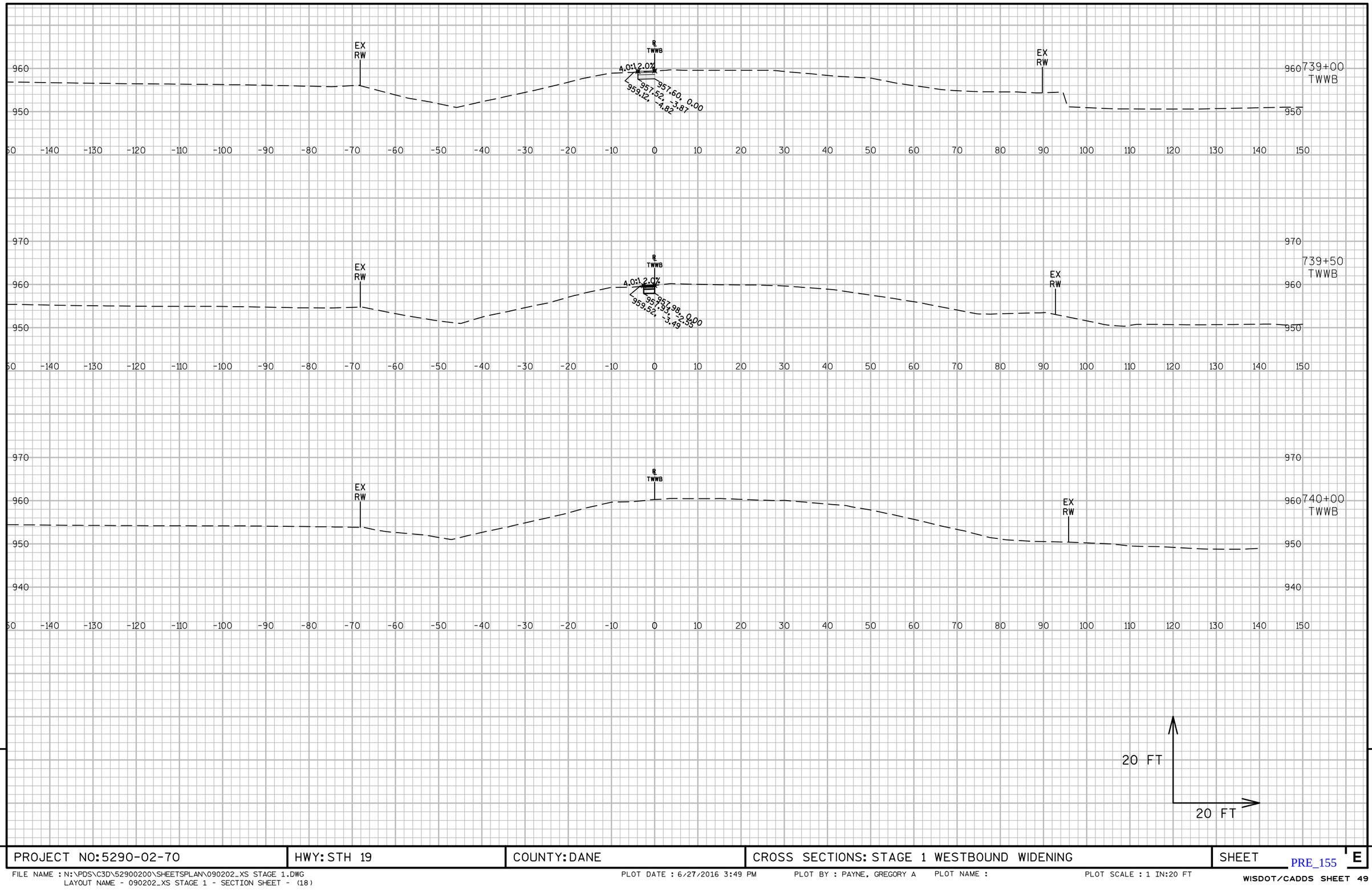
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_154

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (17)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

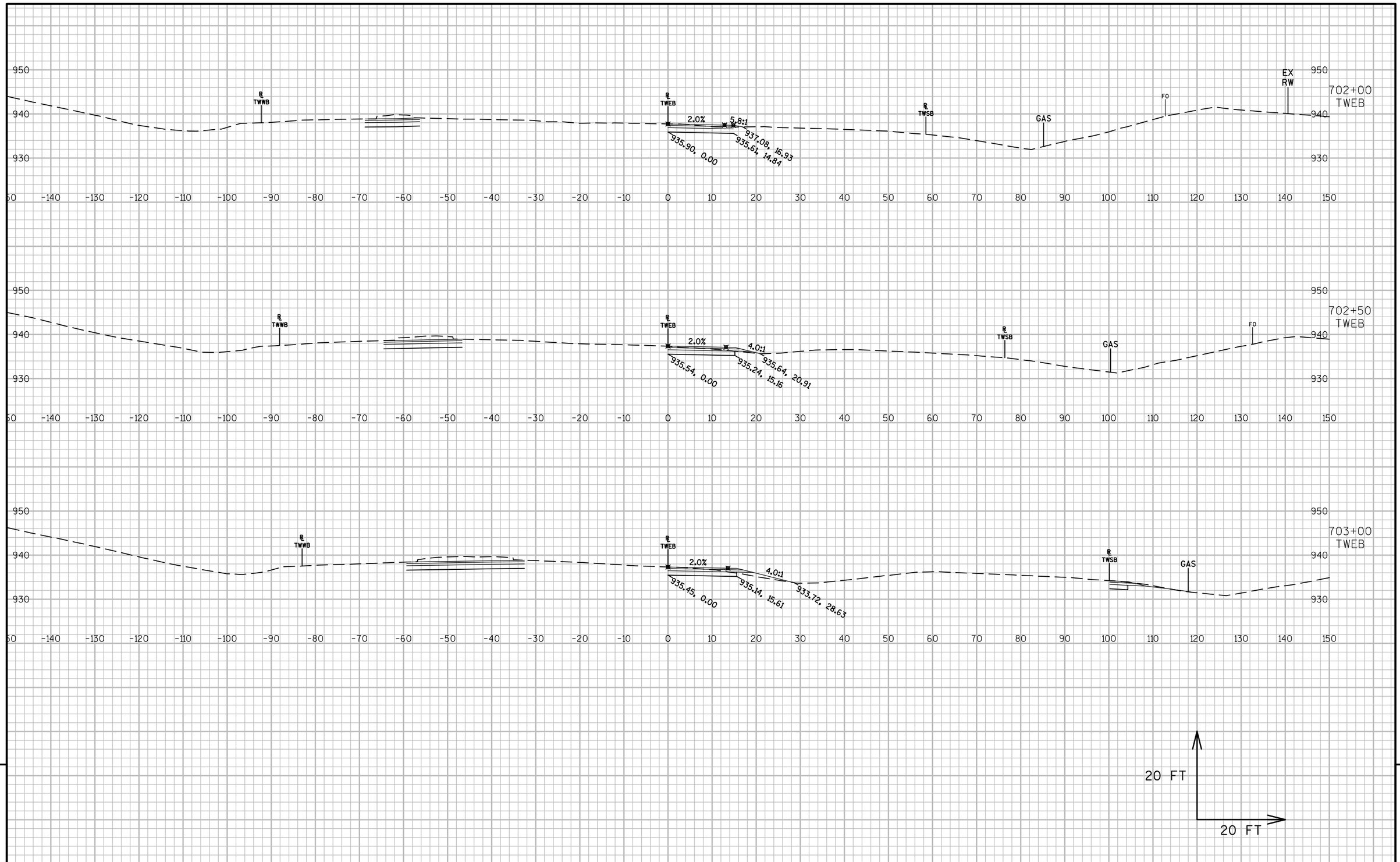
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 WESTBOUND WIDENING	SHEET E

PRE_155

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (18)

PLOT DATE : 6/27/2016 3:49 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

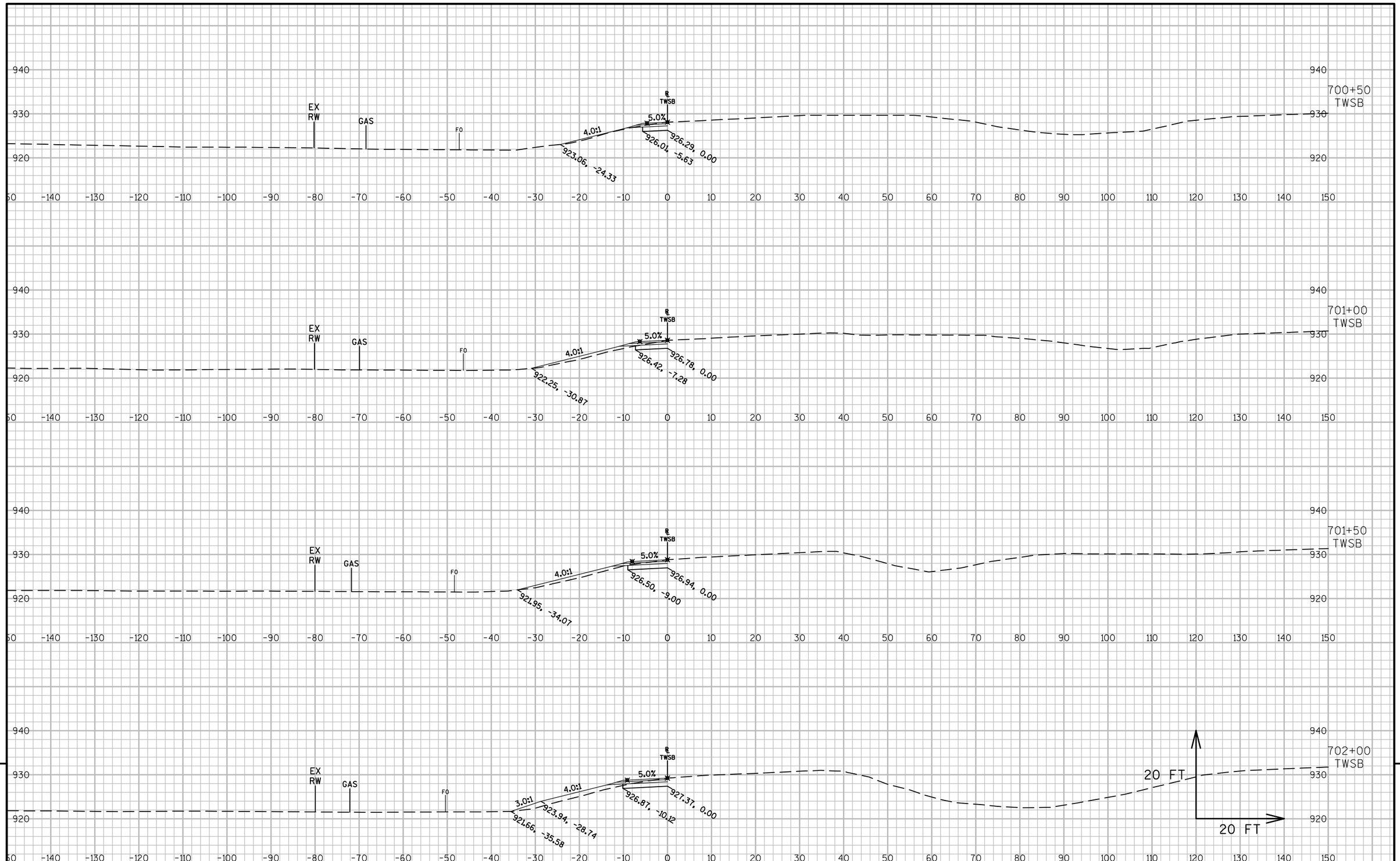
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 EASTBOUND WIDENING	SHEET E

PRE_156

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SECTION SHEET - (19)

PLOT DATE : 6/27/2016 3:50 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

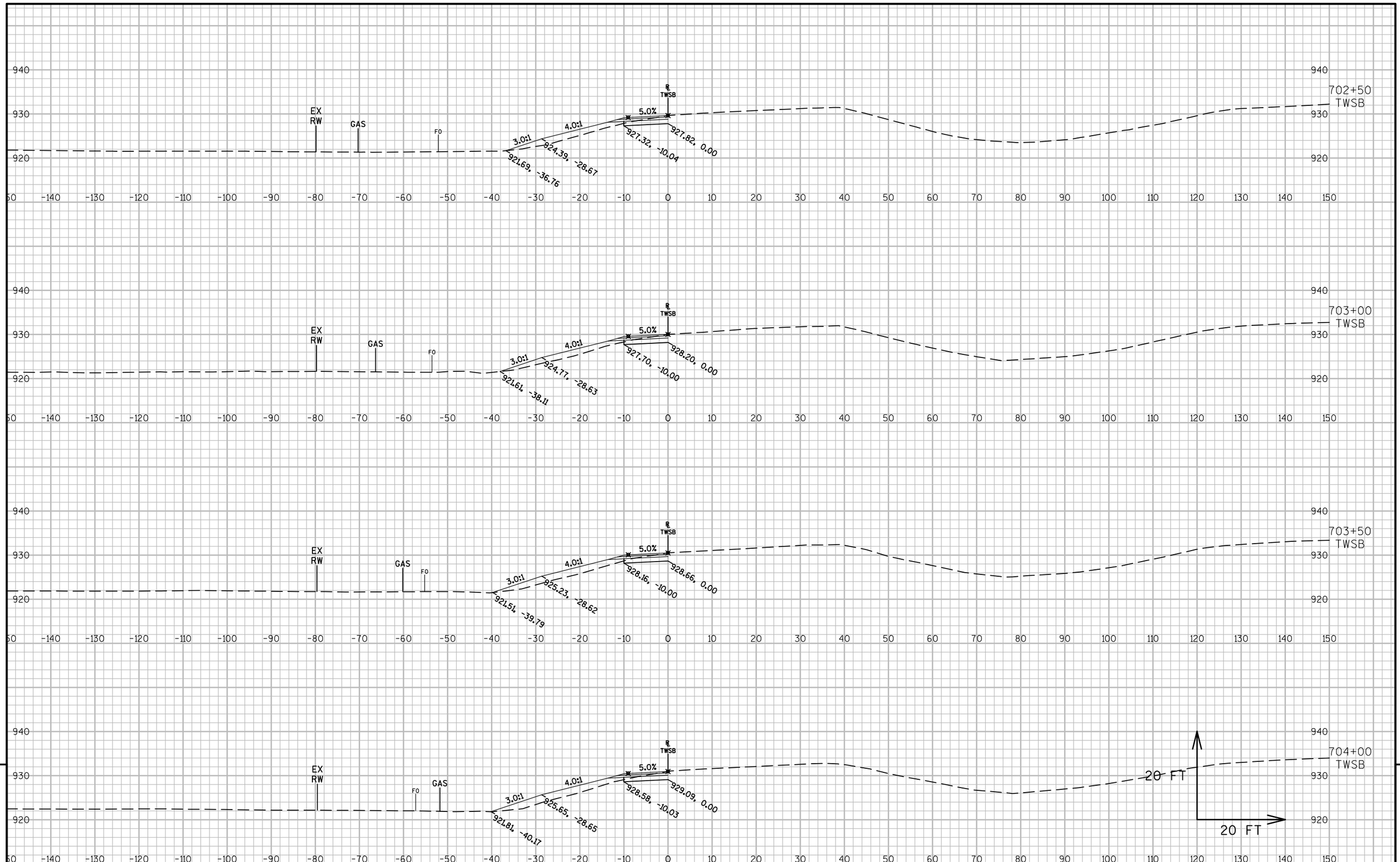
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 SOUTHBOUND WIDENING	SHEET E

PRE_157

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SOUTHBOUND WIDENING - (1)

PLOT DATE : 6/27/2016 3:50 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



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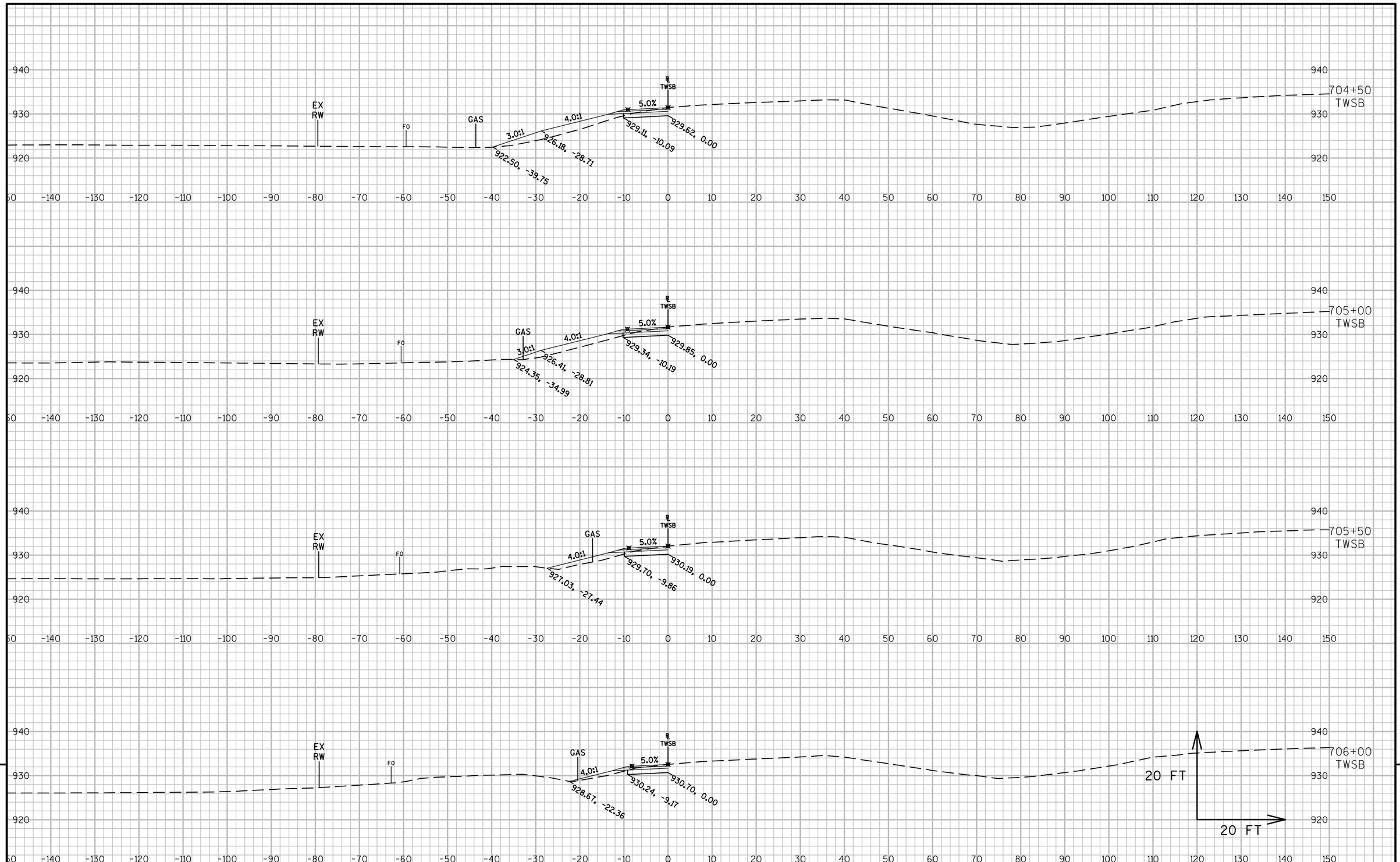
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 SOUTHBOUND WIDENING	SHEET E

PRE_158

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SOUTHBOUND WIDENING - (2)

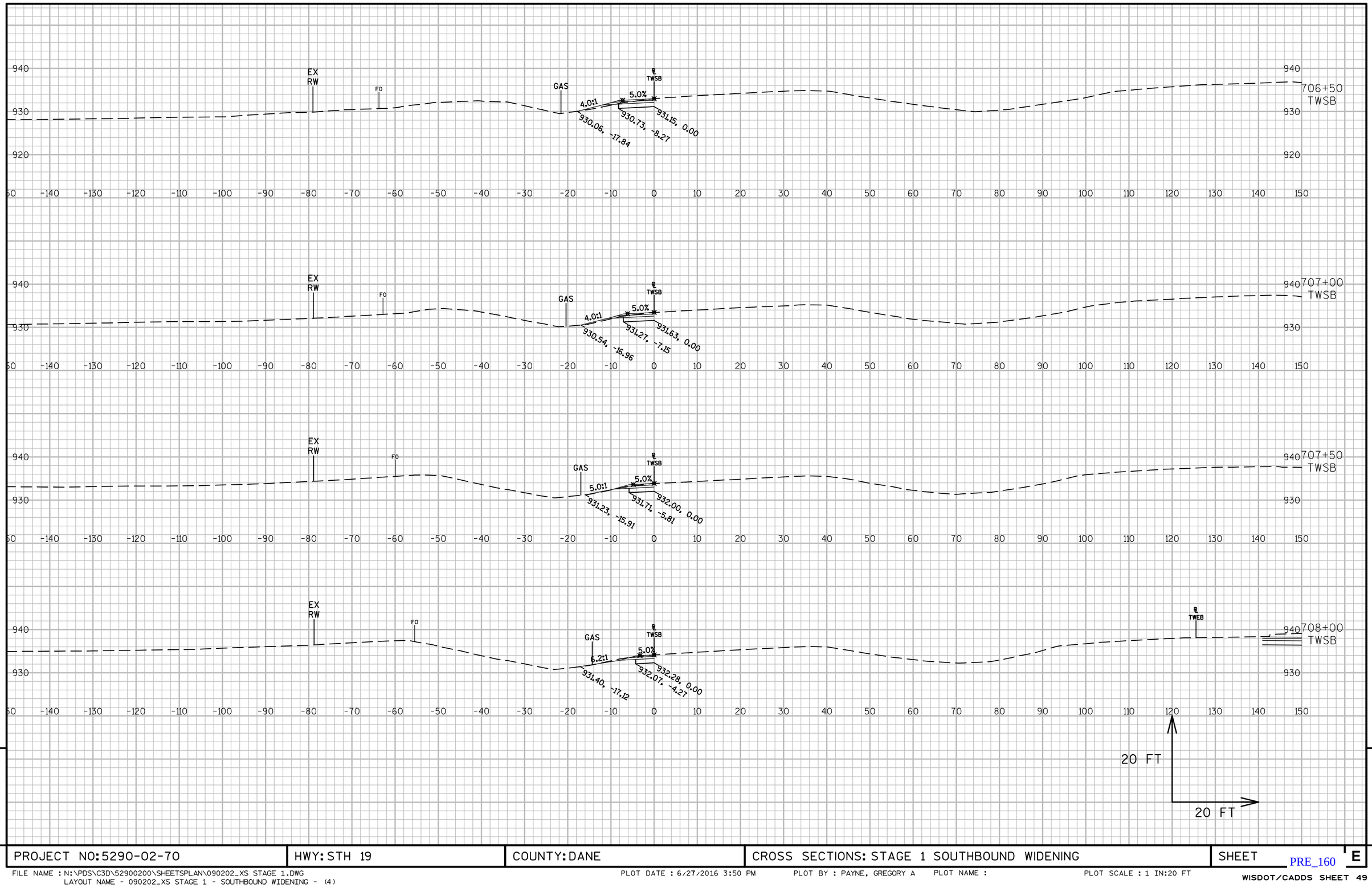
PLOT DATE : 6/27/2016 3:50 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 SOUTHBOUND WIDENING	SHEET E

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SOUTHBOUND WIDENING - (3)

PLOT DATE : 6/27/2016 3:50 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

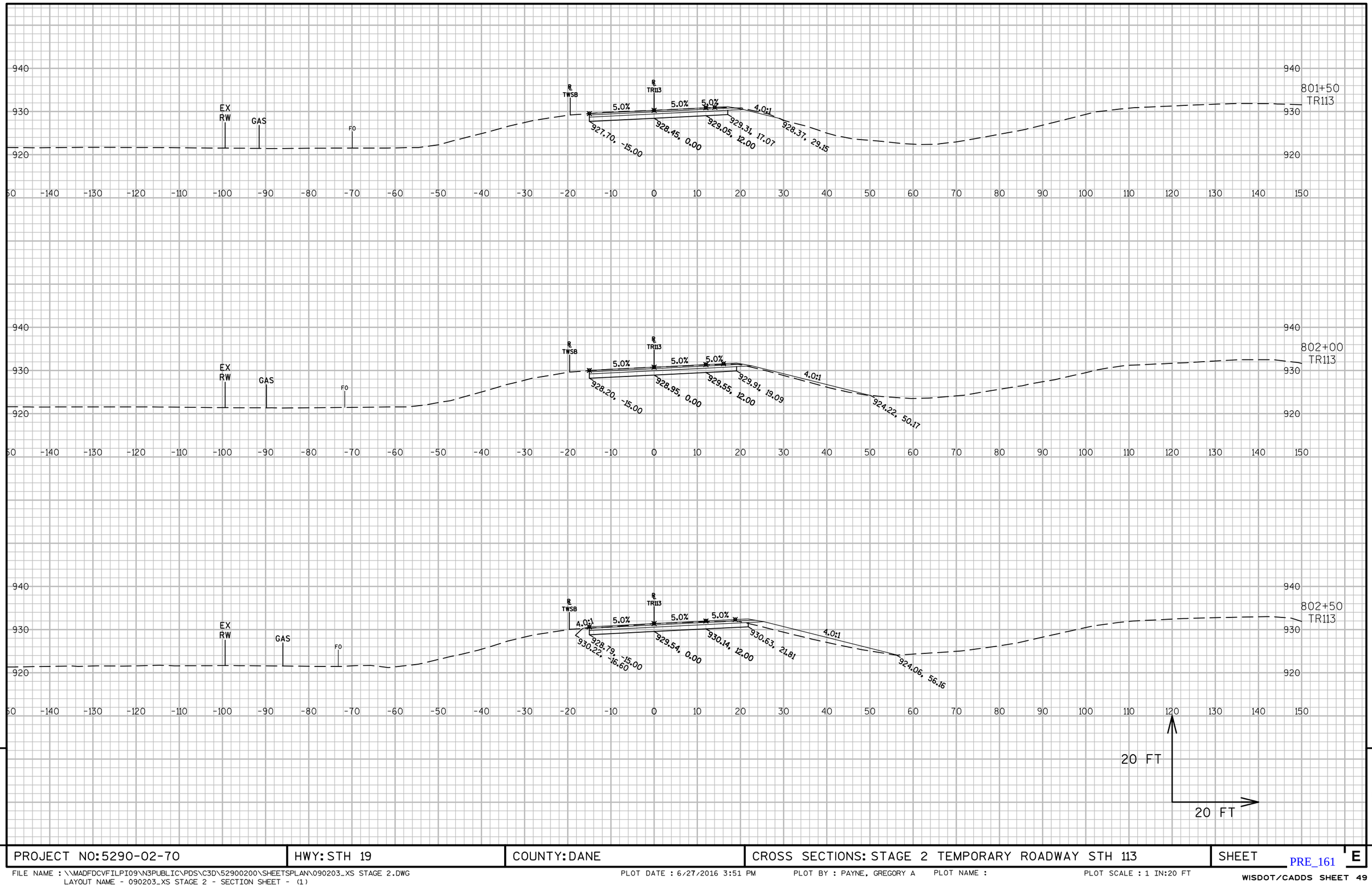
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 1 SOUTHBOUND WIDENING	SHEET E

PRE_160

FILE NAME : N:\PDS\C3D\52900200\SHEETSPLAN\090202_XS STAGE 1.DWG
LAYOUT NAME - 090202_XS STAGE 1 - SOUTHBOUND WIDENING - (4)

PLOT DATE : 6/27/2016 3:50 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



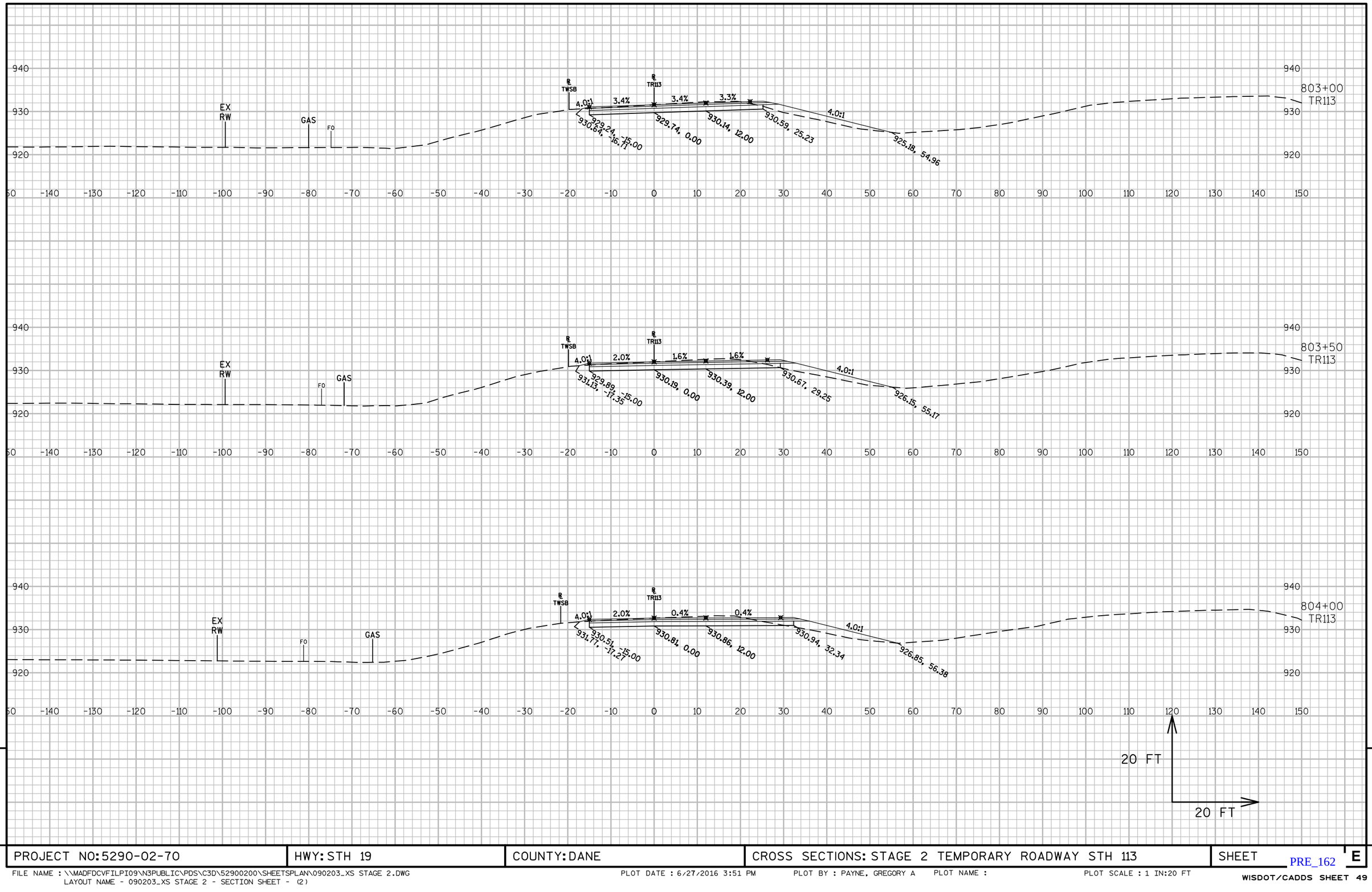
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 2 TEMPORARY ROADWAY STH 113	SHEET E

PRE_161

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090203_XS STAGE 2.DWG
LAYOUT NAME - 090203_XS STAGE 2 - SECTION SHEET - (1)

PLOT DATE : 6/27/2016 3:51 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



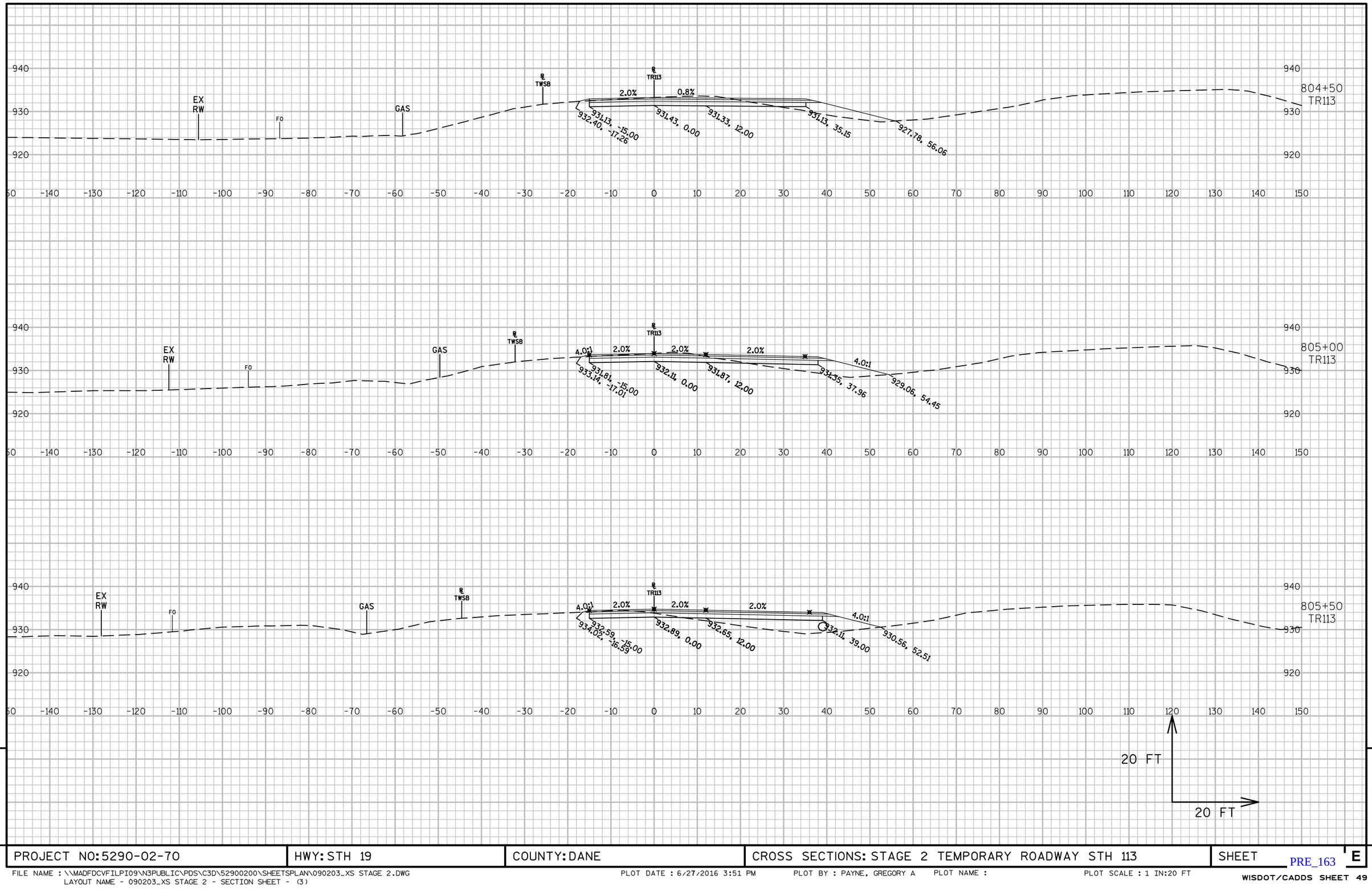
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 2 TEMPORARY ROADWAY STH 113	SHEET E

PRE_162

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090203_XS STAGE 2.DWG
LAYOUT NAME - 090203_XS STAGE 2 - SECTION SHEET - (2)

PLOT DATE : 6/27/2016 3:51 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

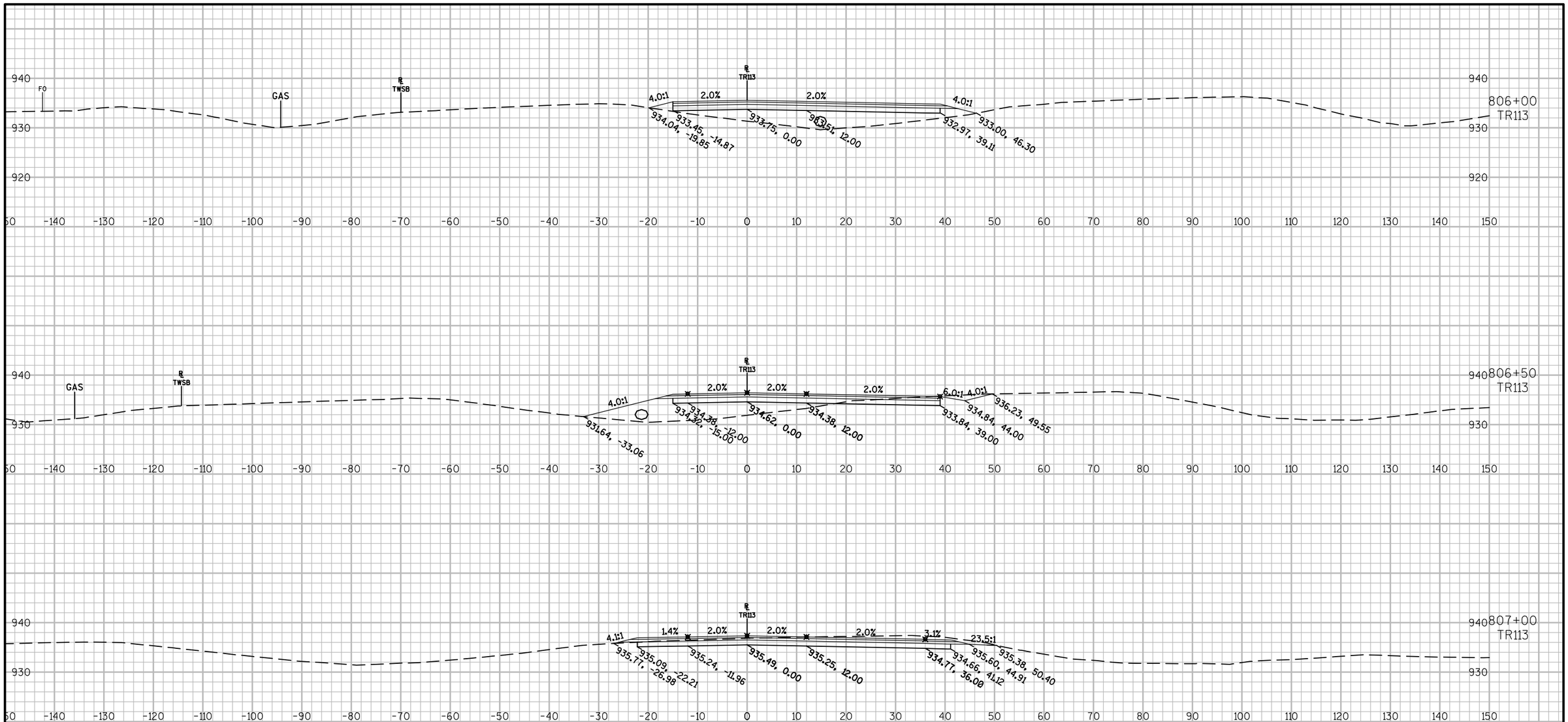


PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 2 TEMPORARY ROADWAY STH 113	SHEET E

PRE_163

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090203_XS STAGE 2.DWG
LAYOUT NAME - 090203_XS STAGE 2 - SECTION SHEET - (3)

PLOT DATE : 6/27/2016 3:51 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

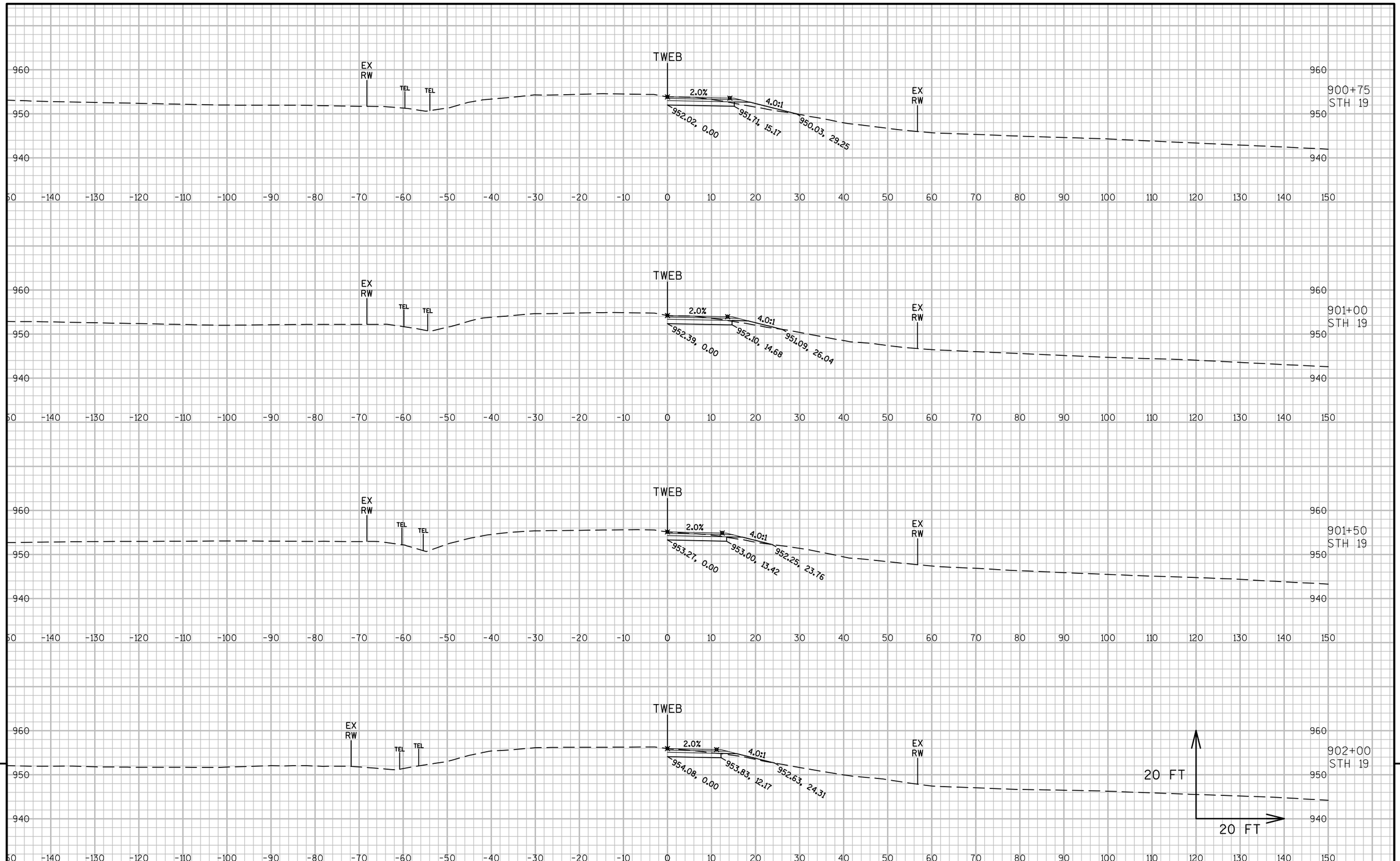
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 2 TEMPORARY ROADWAY STH 113	SHEET E

PRE_164

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090203_XS STAGE 2.DWG
LAYOUT NAME - 090203_XS STAGE 2 - SECTION SHEET - (4)

PLOT DATE : 6/27/2016 3:51 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

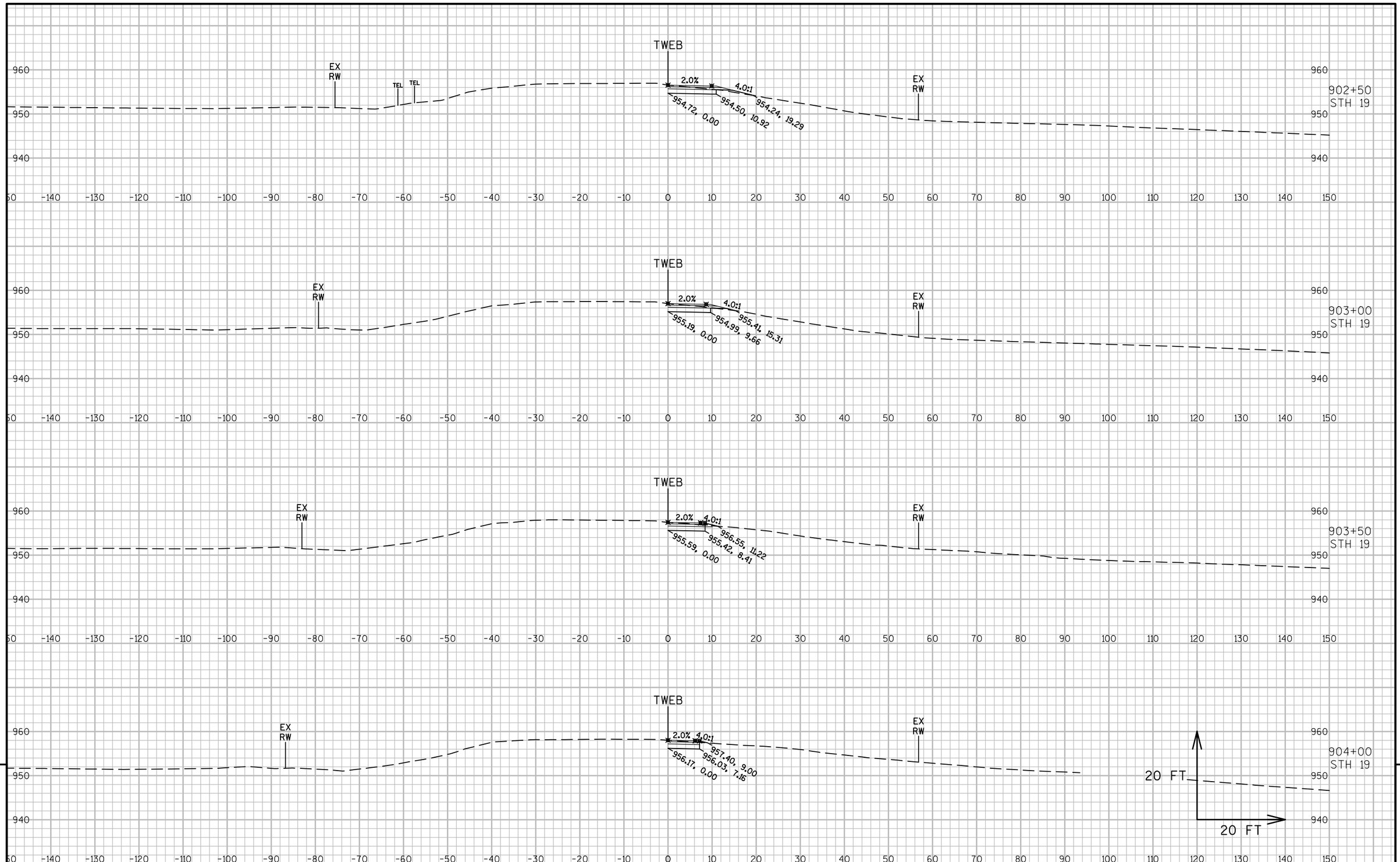
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 3 ADDITIONAL WIDENING	SHEET E

PRE_165

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090204_STAGE 3.DWG
LAYOUT NAME - 090204_STAGE 3 - STAGE 3 SECTION SHEET - (1)

PLOT DATE : 6/27/2016 3:53 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

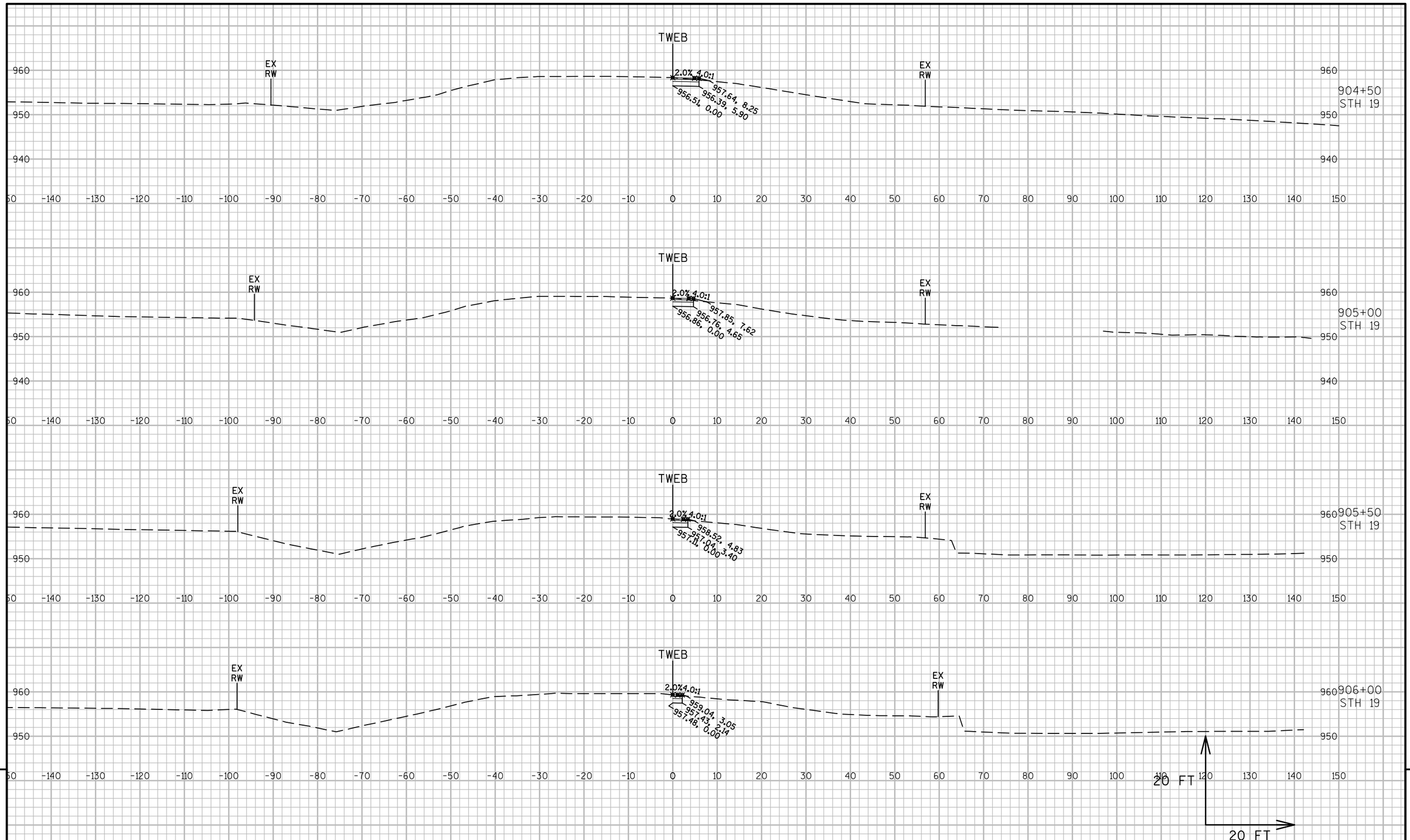
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 3 ADDITIONAL WIDENING	SHEET E

PRE_166

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090204_STAGE 3.DWG
LAYOUT NAME - 090204_STAGE 3 - STAGE 3 SECTION SHEET - (2)

PLOT DATE : 6/27/2016 3:54 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

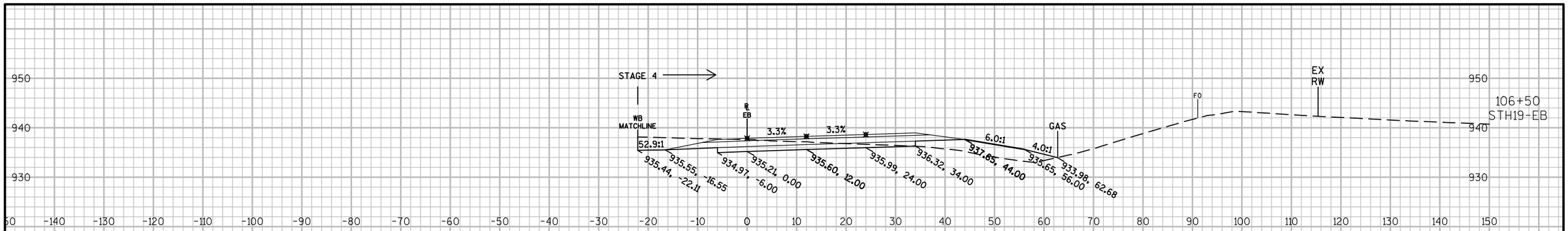
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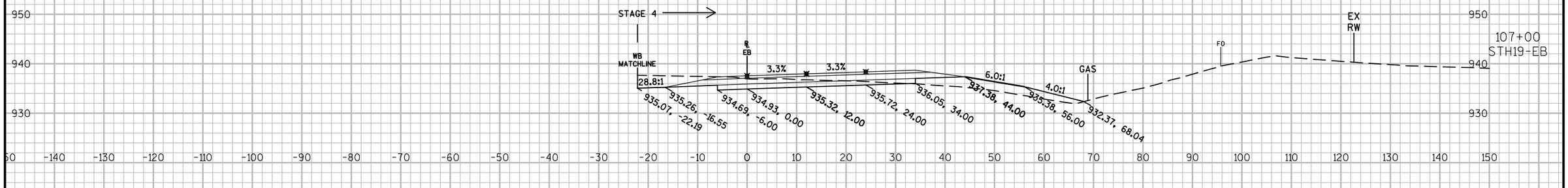
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: STAGE 3 ADDITIONAL WIDENING	SHEET E

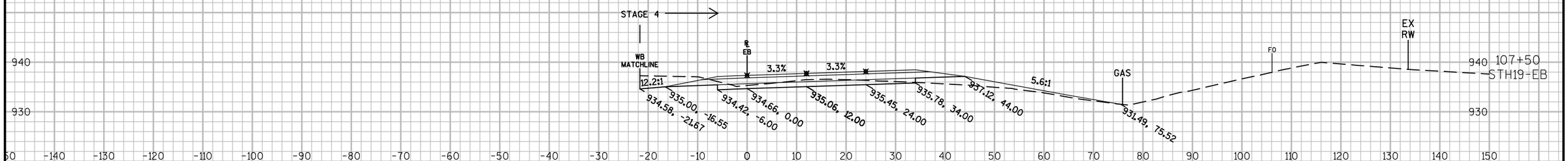
PRE_167

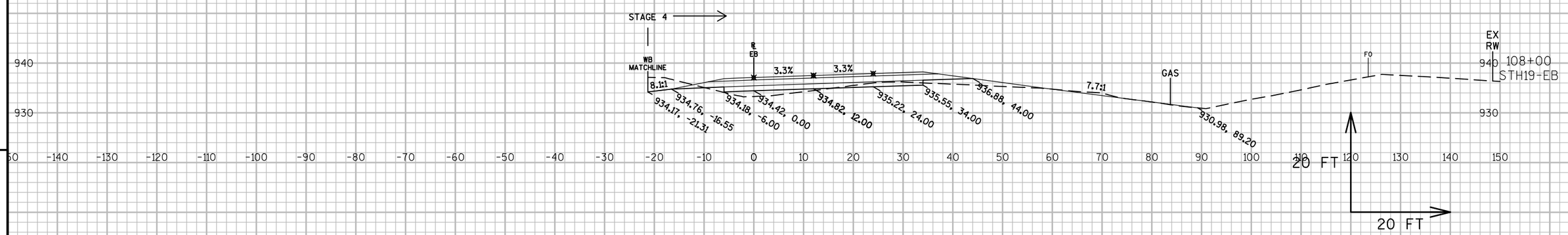
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090204_STAGE 3.DWG
LAYOUT NAME - 090204_STAGE 3 - STAGE 3 SECTION SHEET - (3)

PLOT DATE : 6/27/2016 3:54 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT









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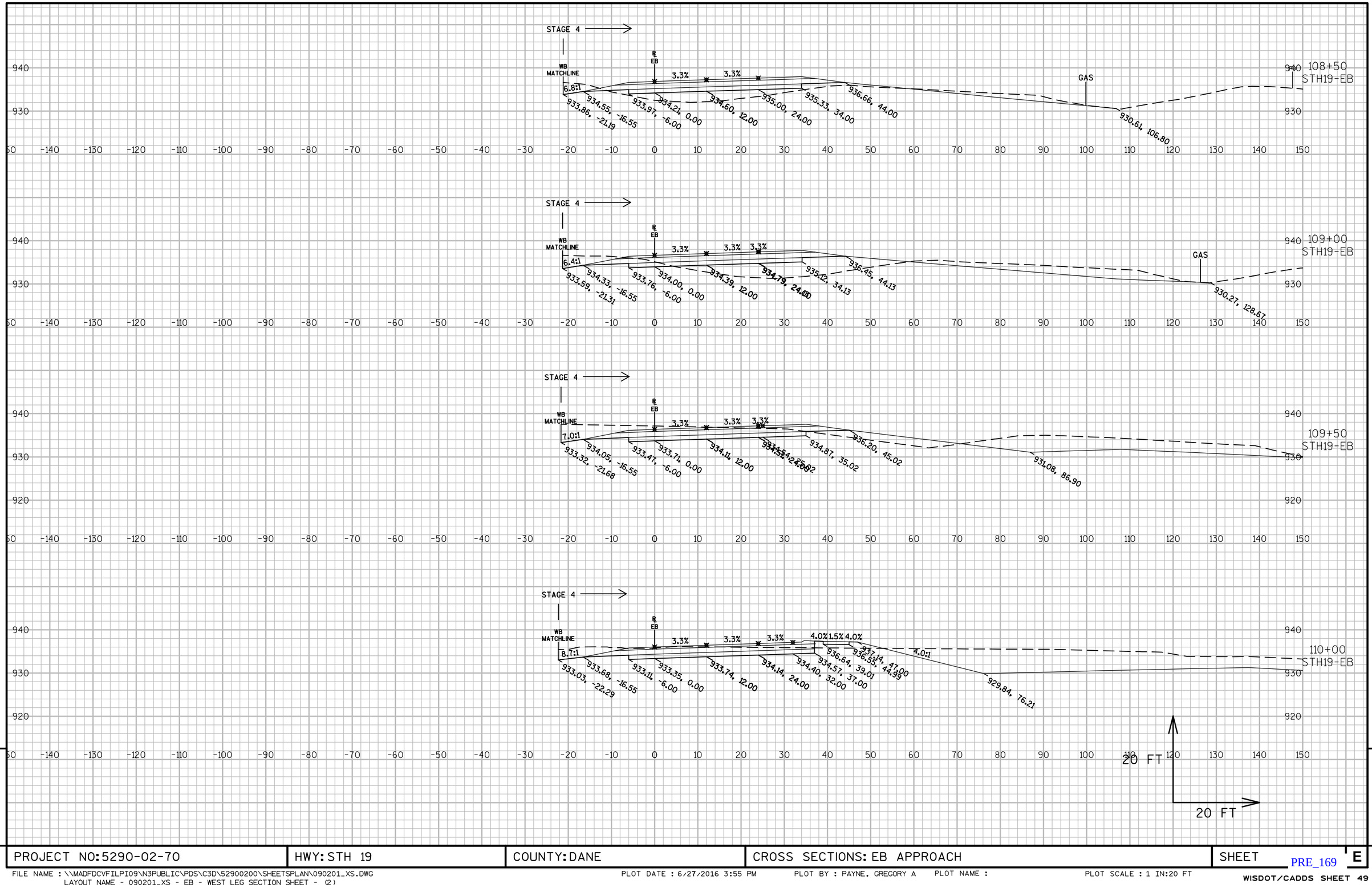
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB APPROACH	SHEET E

PRE_168

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - WEST LEG SECTION SHEET - (1)

PLOT DATE : 6/27/2016 3:54 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

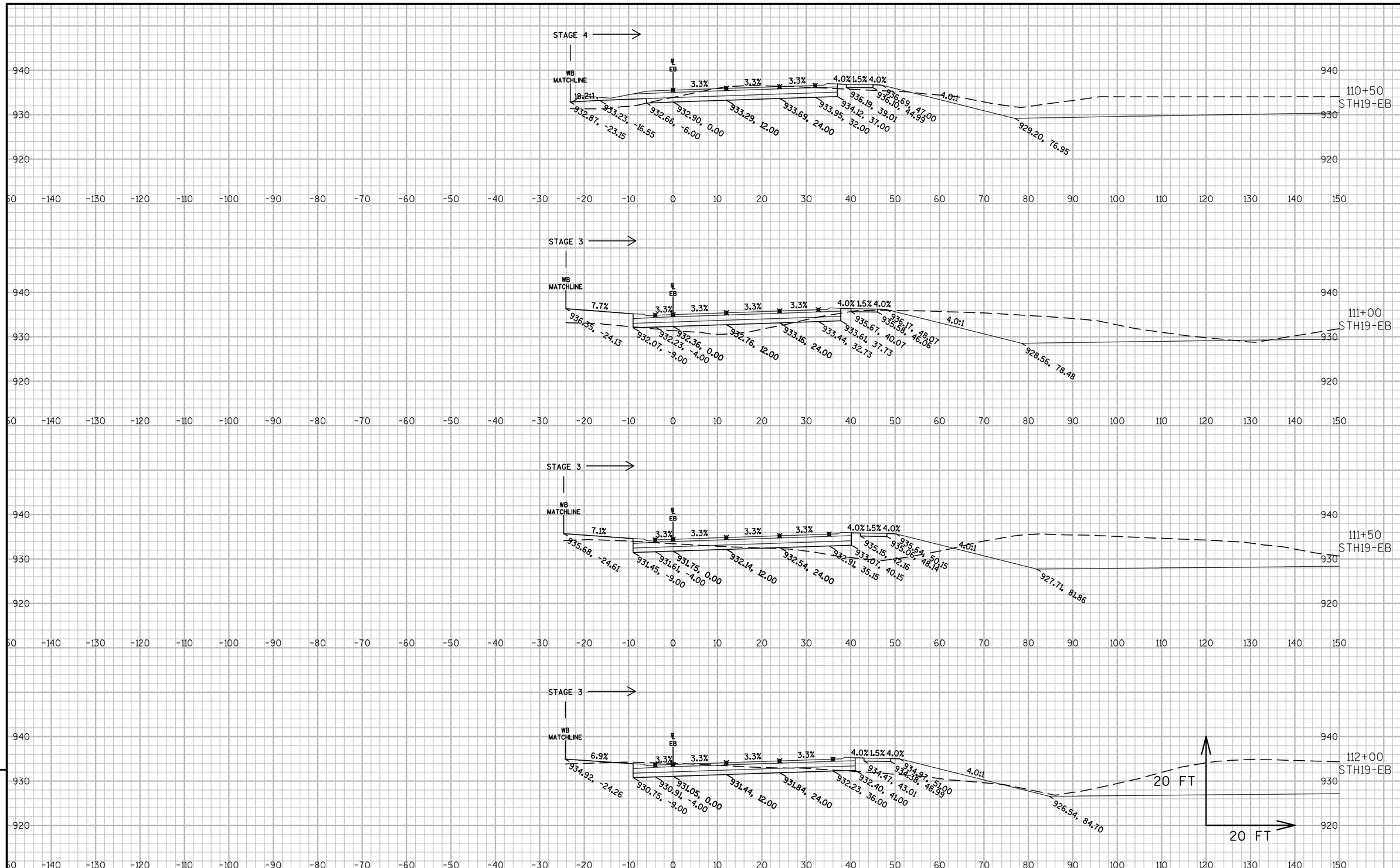
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB APPROACH	SHEET E

PRE_169

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - WEST LEG SECTION SHEET - (2)

PLOT DATE : 6/27/2016 3:55 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



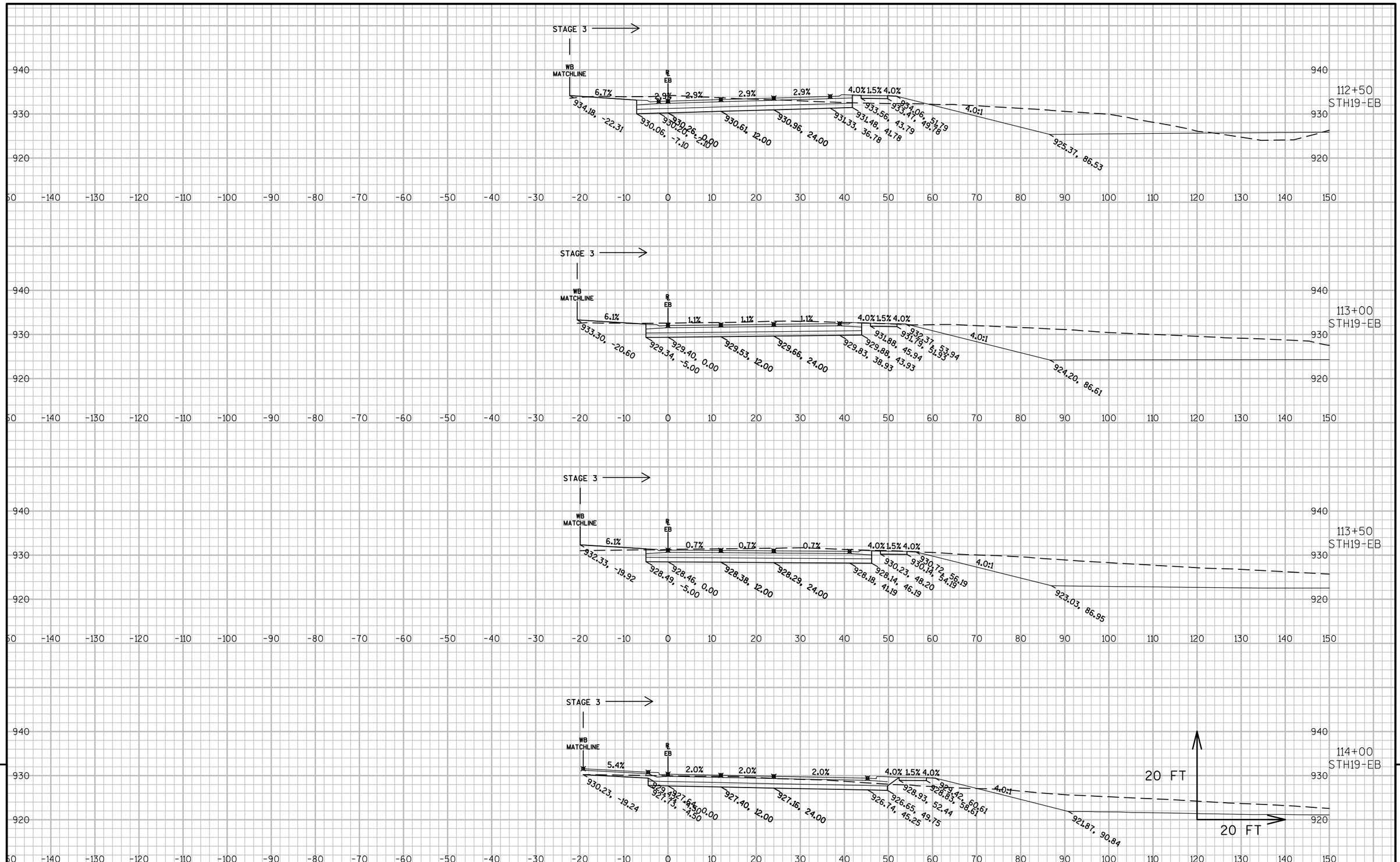
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB APPROACH	SHEET E

PRE_170

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - WEST LEG SECTION SHEET - (3)

PLOT DATE : 6/27/2016 3:55 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



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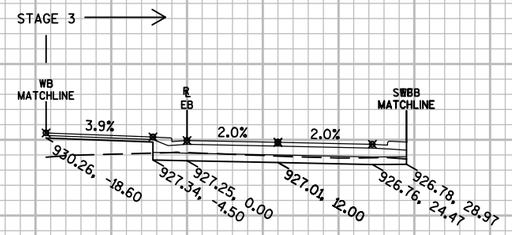
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB APPROACH	SHEET E

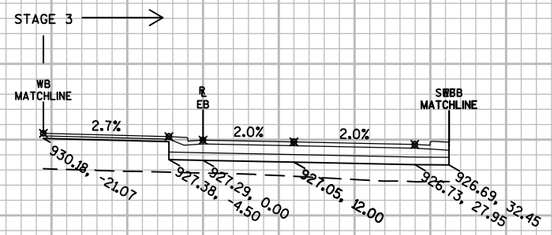
PRE_171

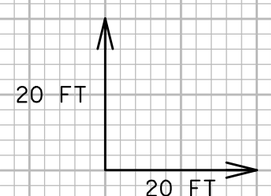
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - WEST LEG SECTION SHEET - (4)

PLOT DATE : 6/27/2016 3:56 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

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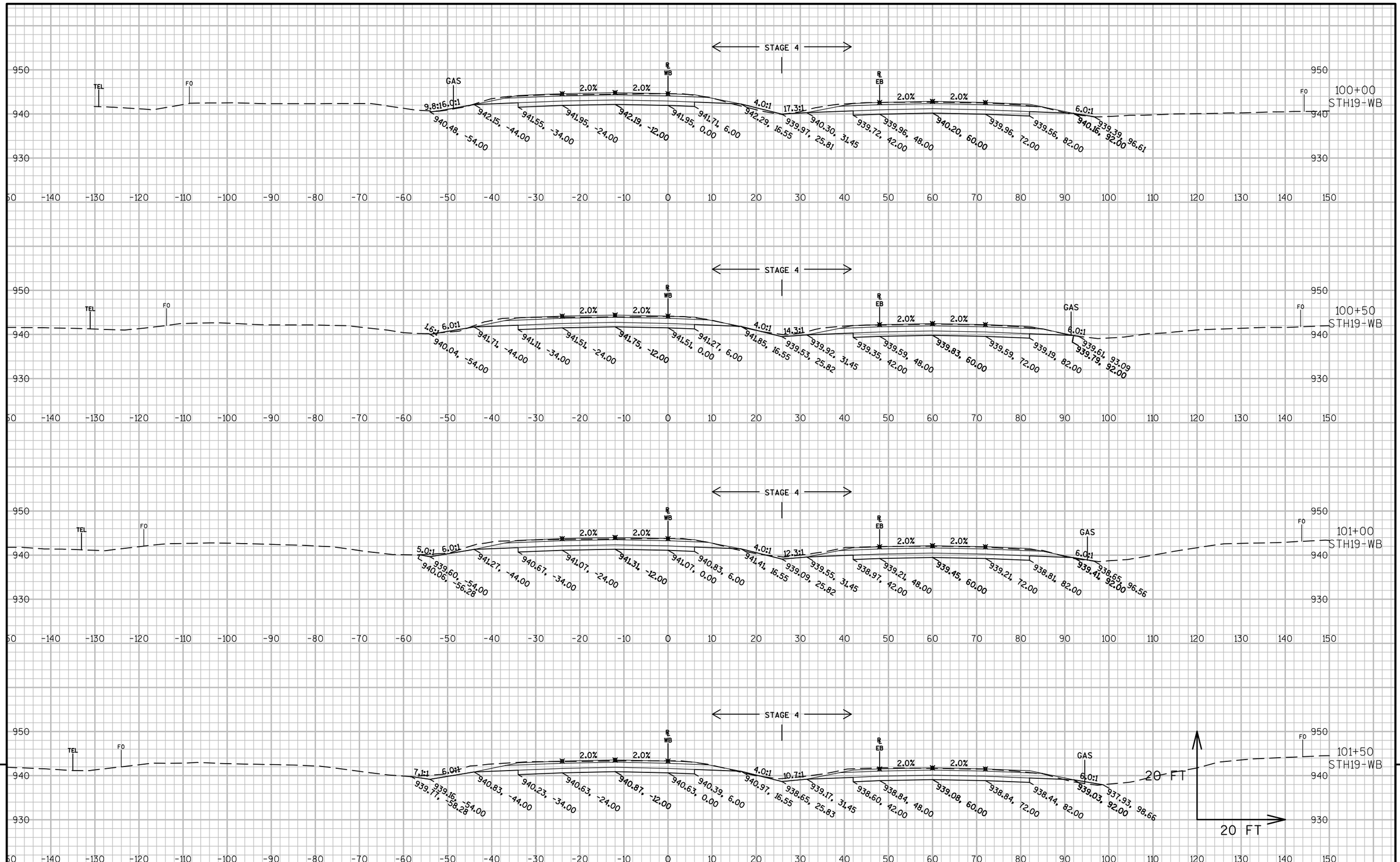
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB APPROACH	SHEET E

PRE_172

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - WEST LEG SECTION SHEET - (5)
PLOT DATE : 6/27/2016 3:56 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



9

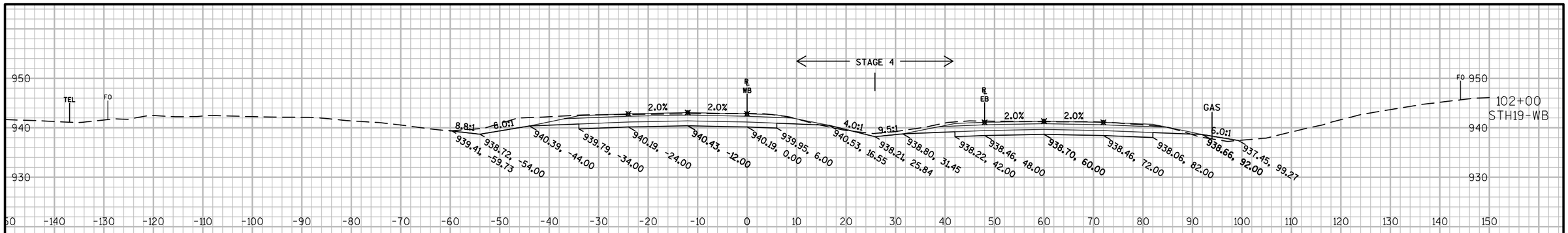
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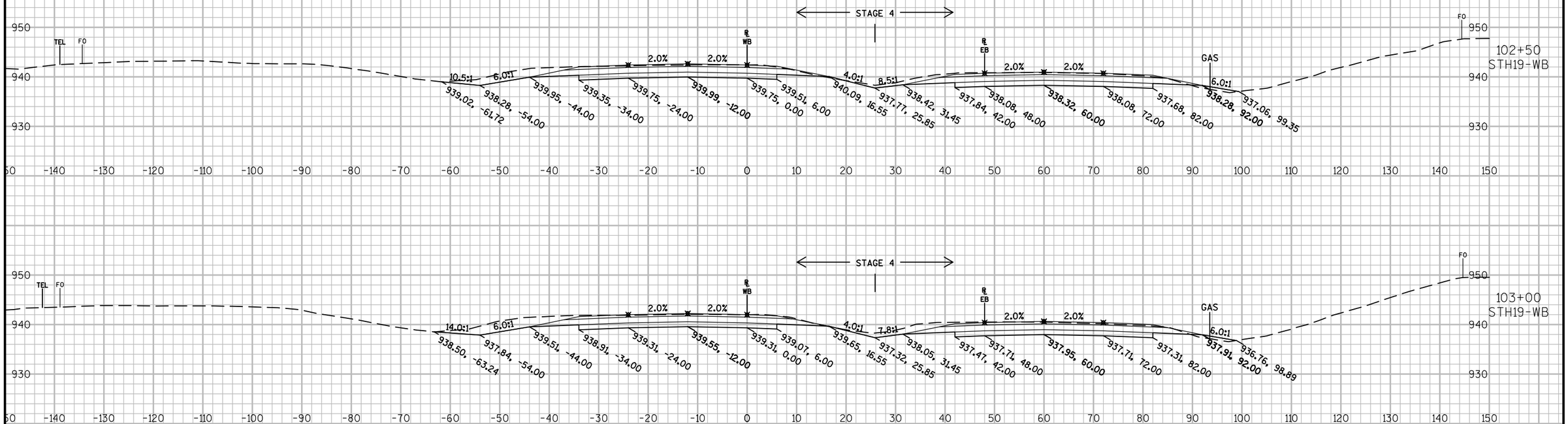
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

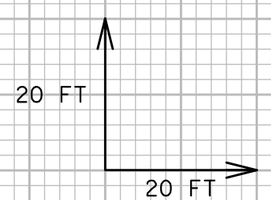
PRE_173

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (1)

PLOT DATE : 6/27/2016 3:57 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT







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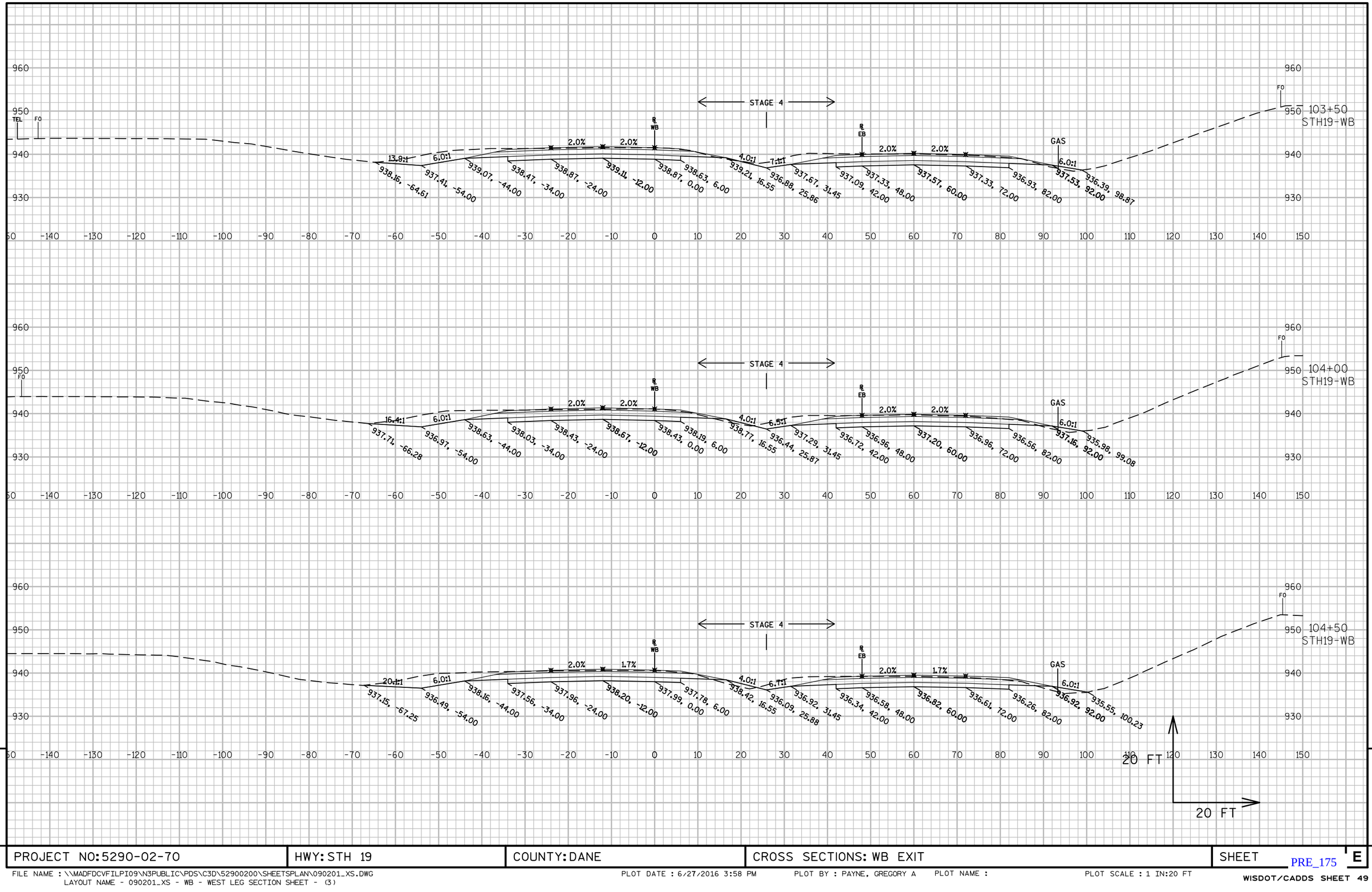
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

PRE_174

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (2)

PLOT DATE : 6/27/2016 3:57 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

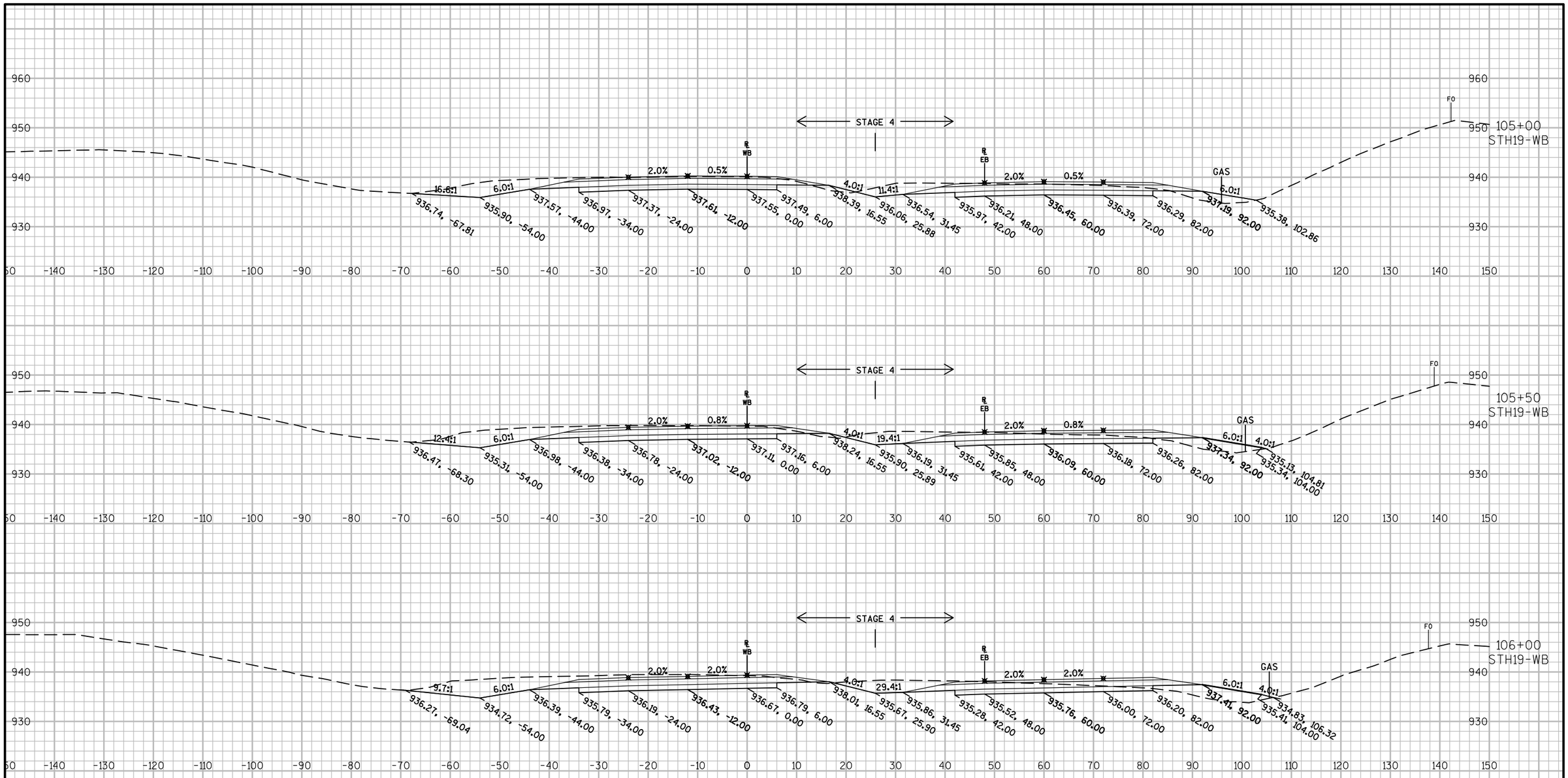
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PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

PRE_175

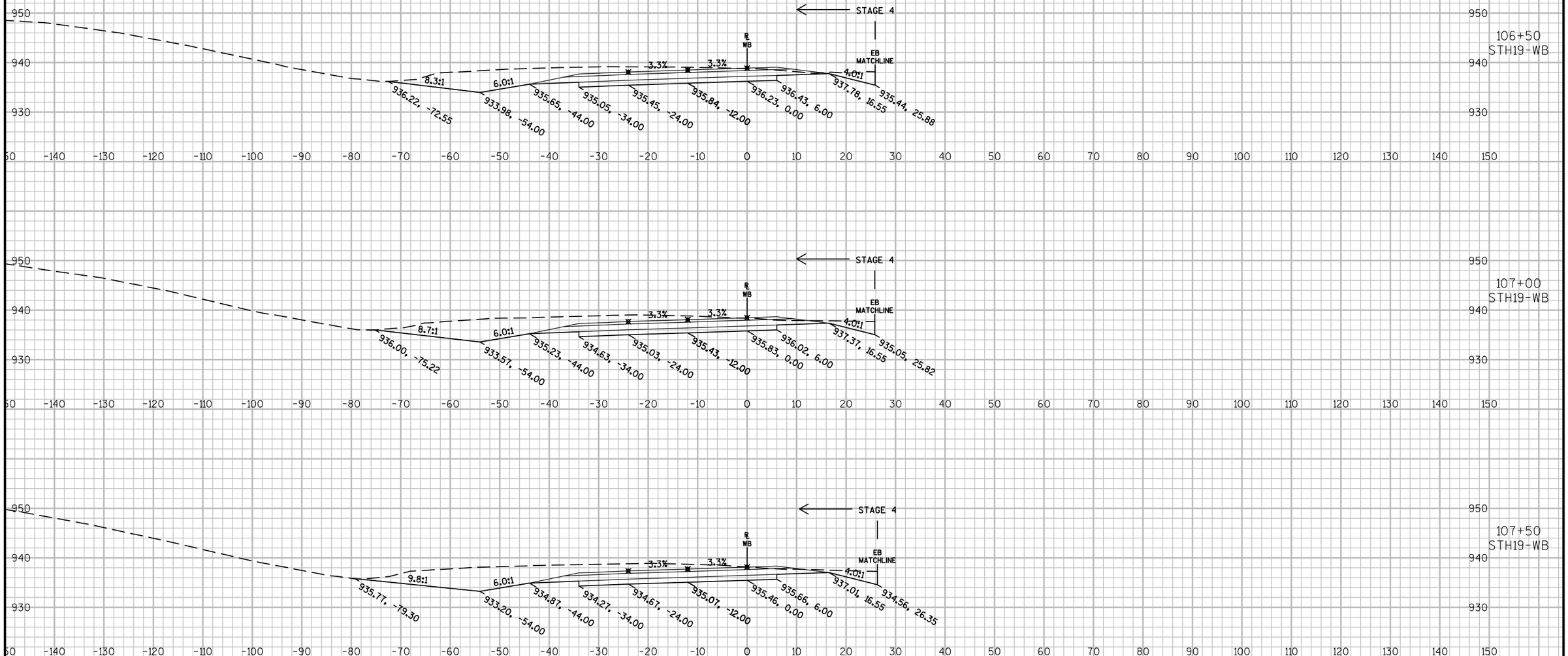
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (3)

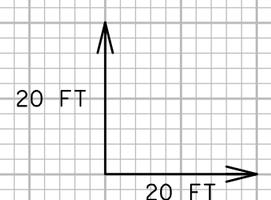
PLOT DATE : 6/27/2016 3:58 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

PRE_176





9

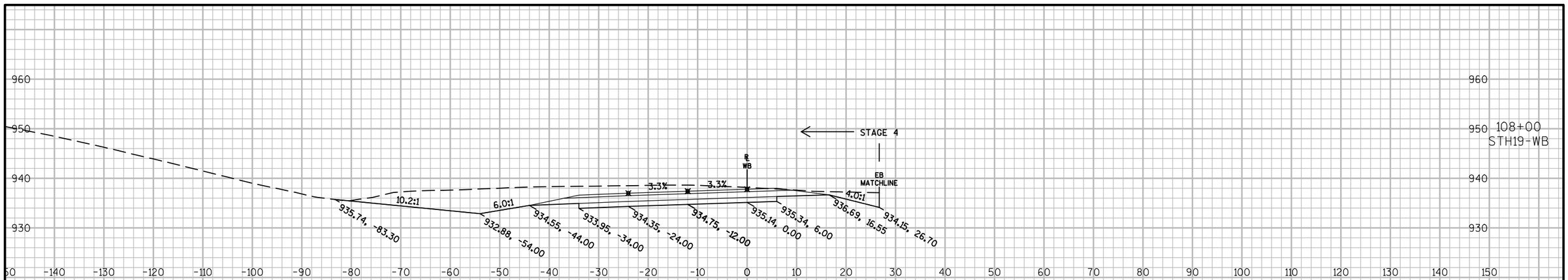
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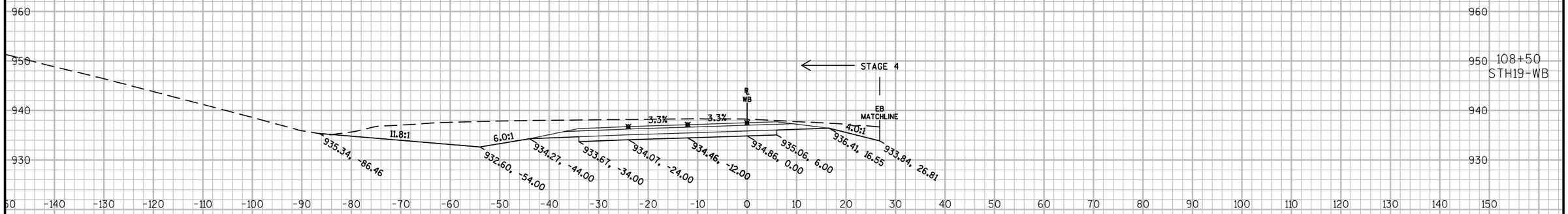
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

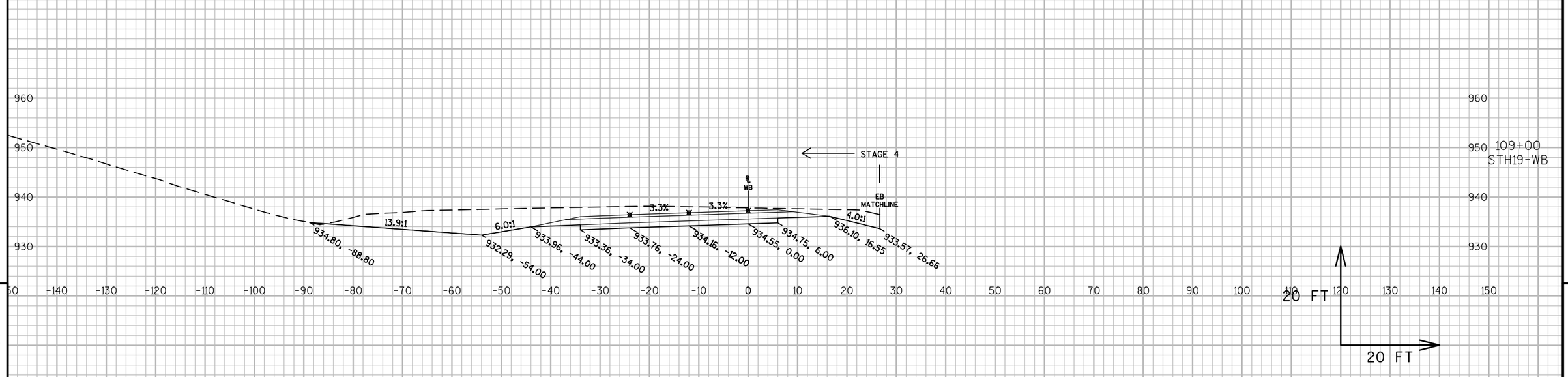
PRE_177

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (5)

PLOT DATE : 6/27/2016 3:59 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT







9

9

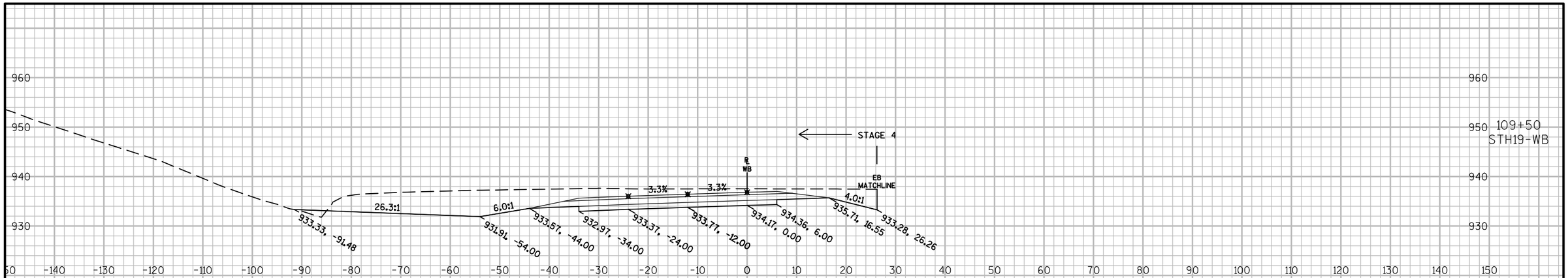
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

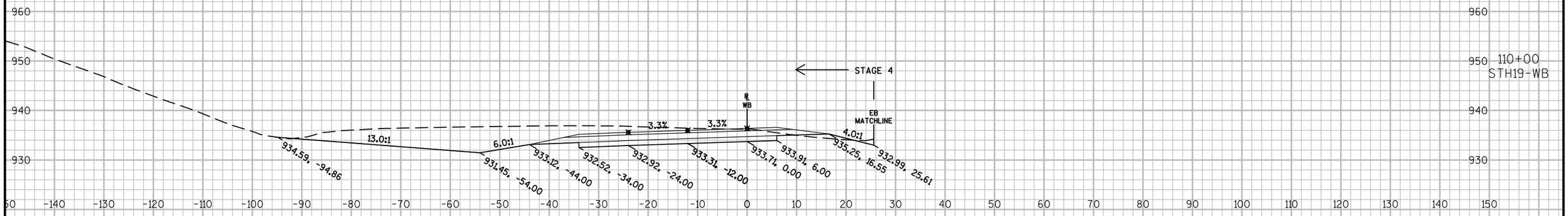
PRE_178

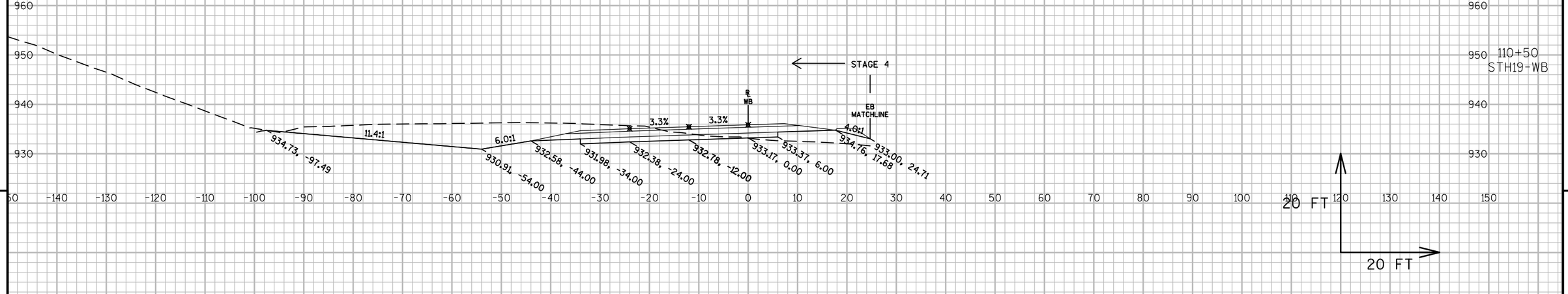
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (6)

PLOT DATE : 6/27/2016 3:59 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49







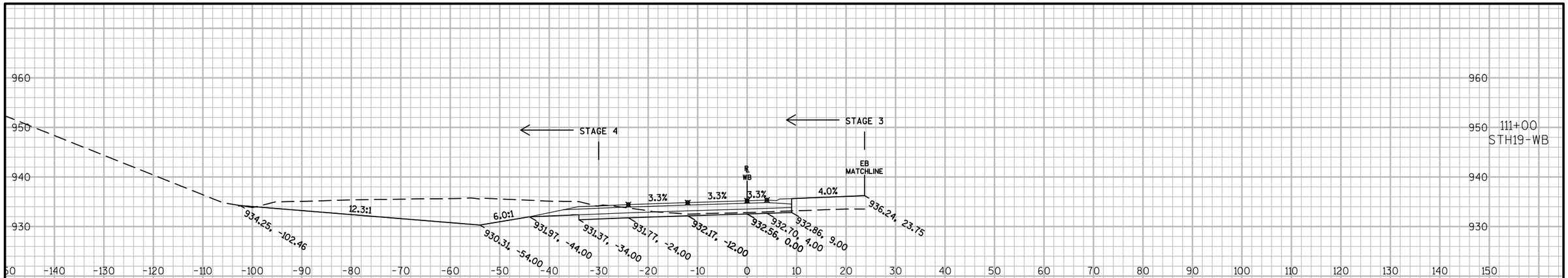
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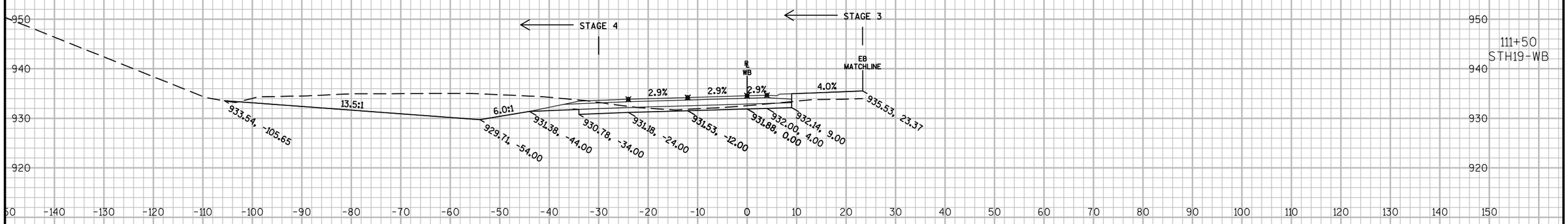
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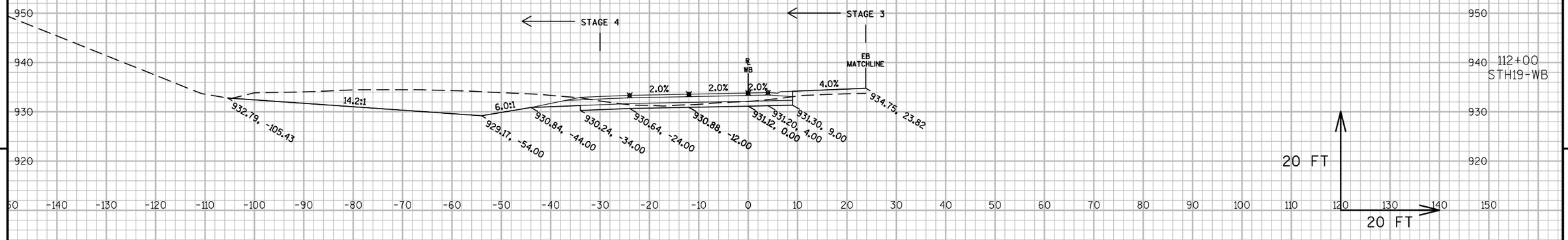
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (7)

PLOT DATE : 6/27/2016 3:59 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT







PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

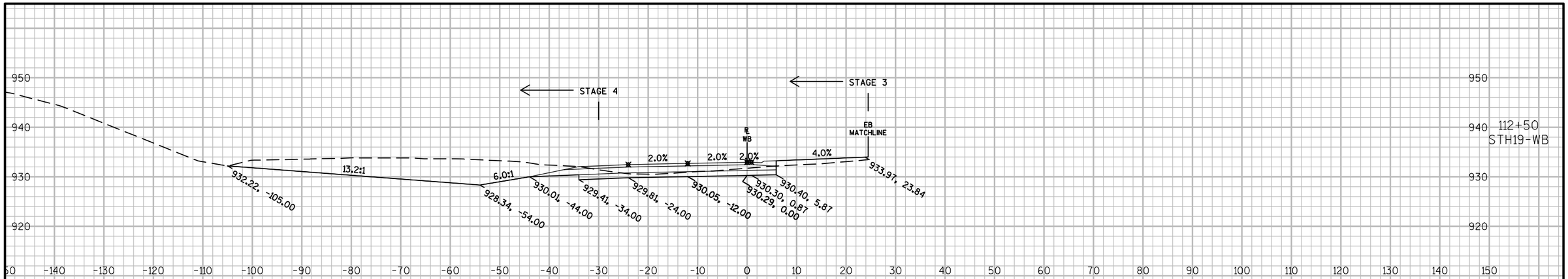
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (8)

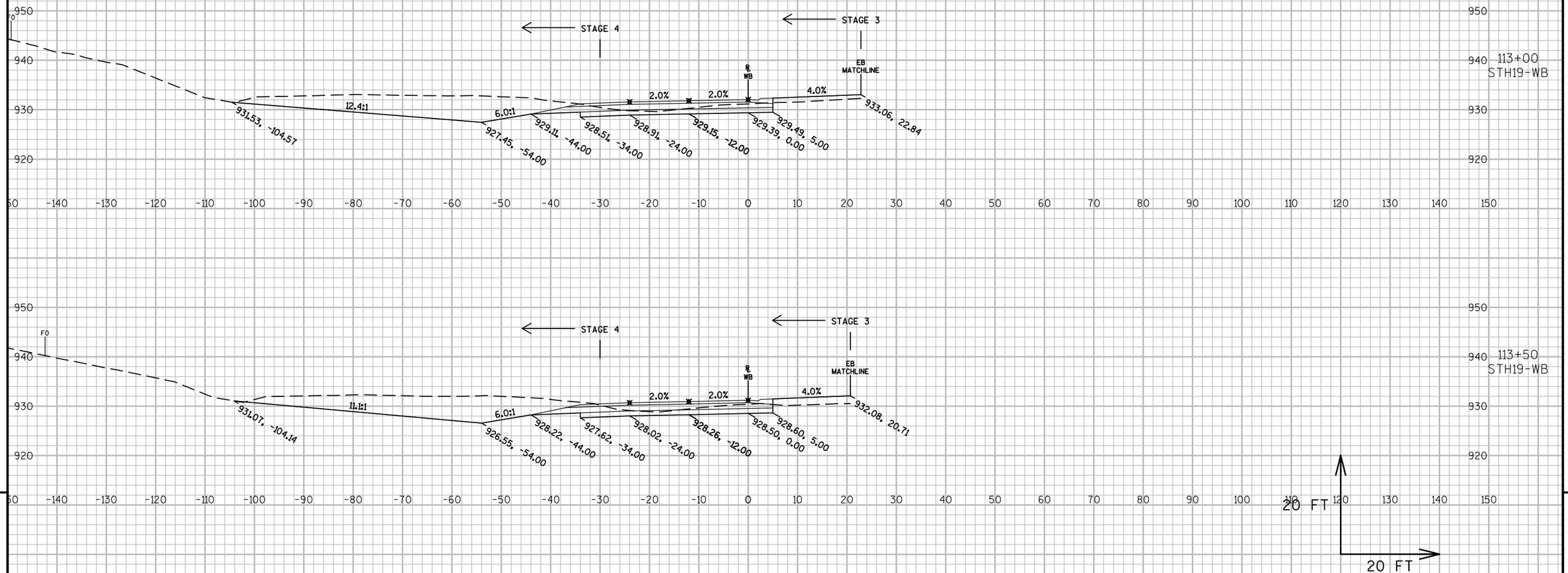
PLOT DATE : 6/27/2016 4:00 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

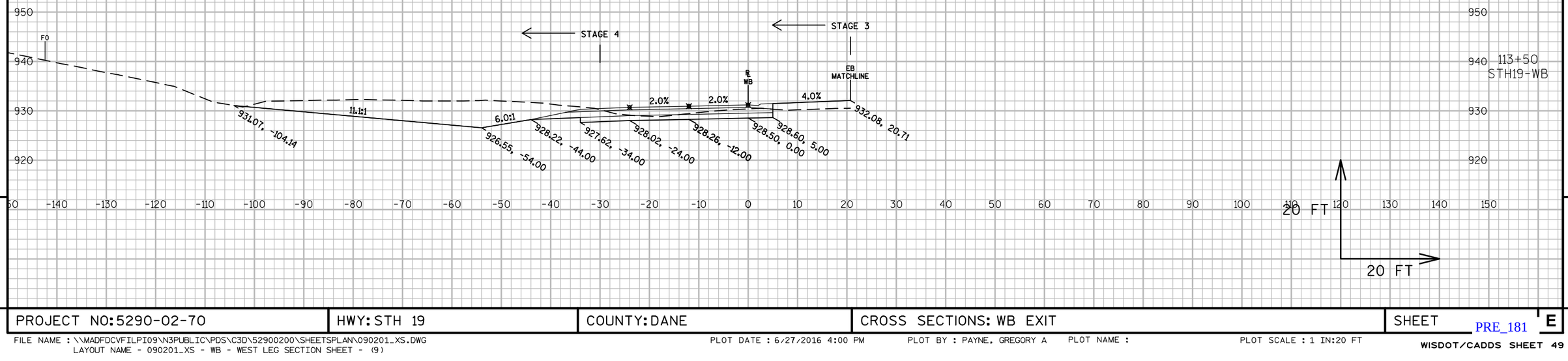
PRE_180

WISDOT/CADDS SHEET 49

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9

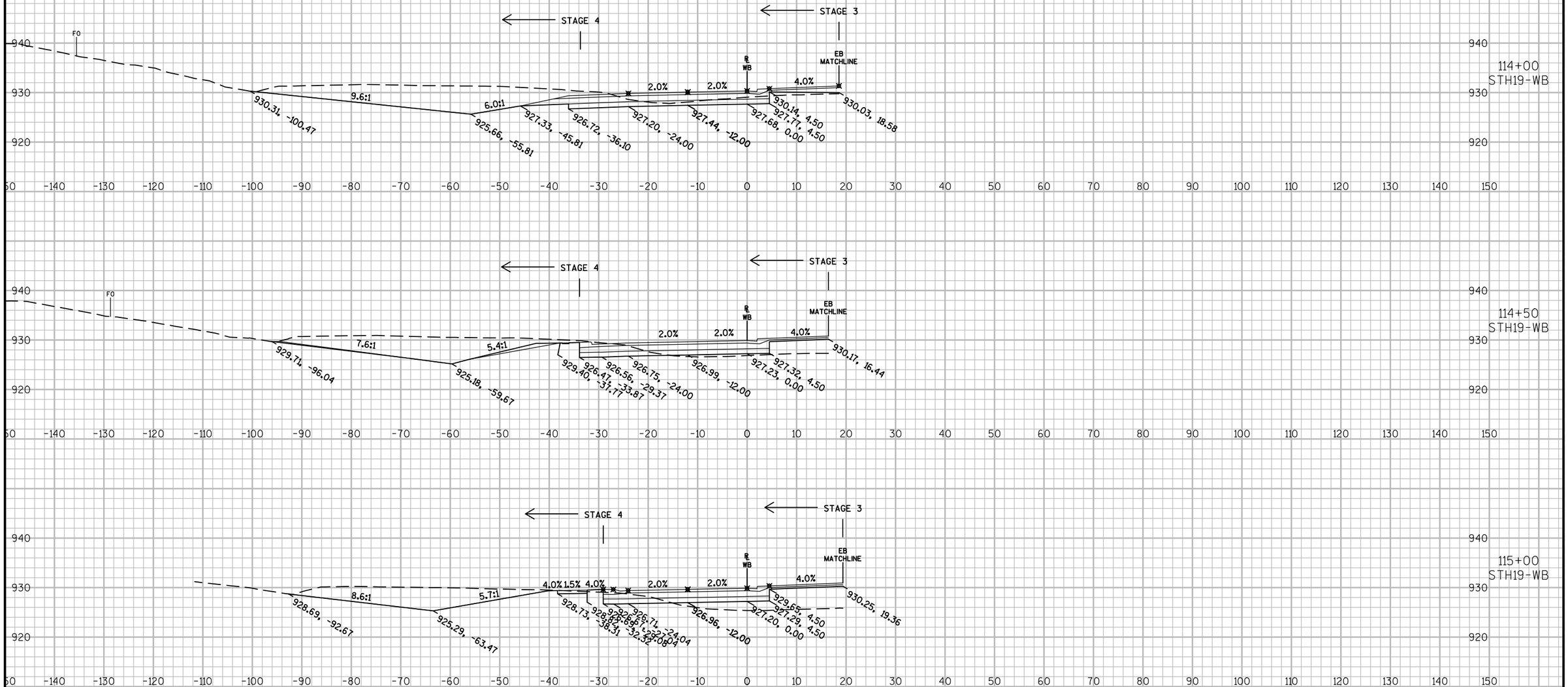
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

PRE_181

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (9)

PLOT DATE : 6/27/2016 4:00 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

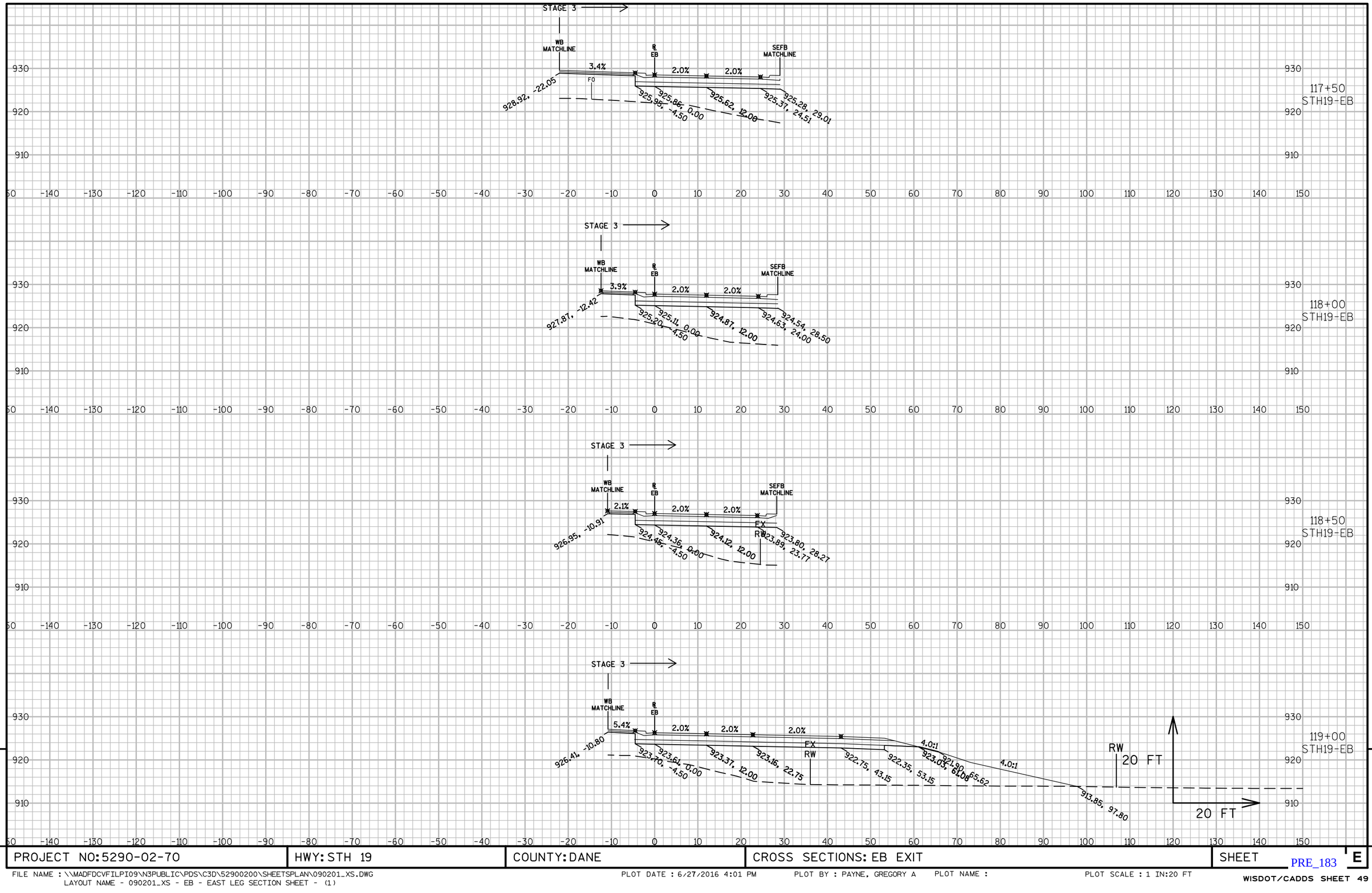
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB EXIT	SHEET E

PRE_182

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - WEST LEG SECTION SHEET - (10)

PLOT DATE : 6/27/2016 4:01 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

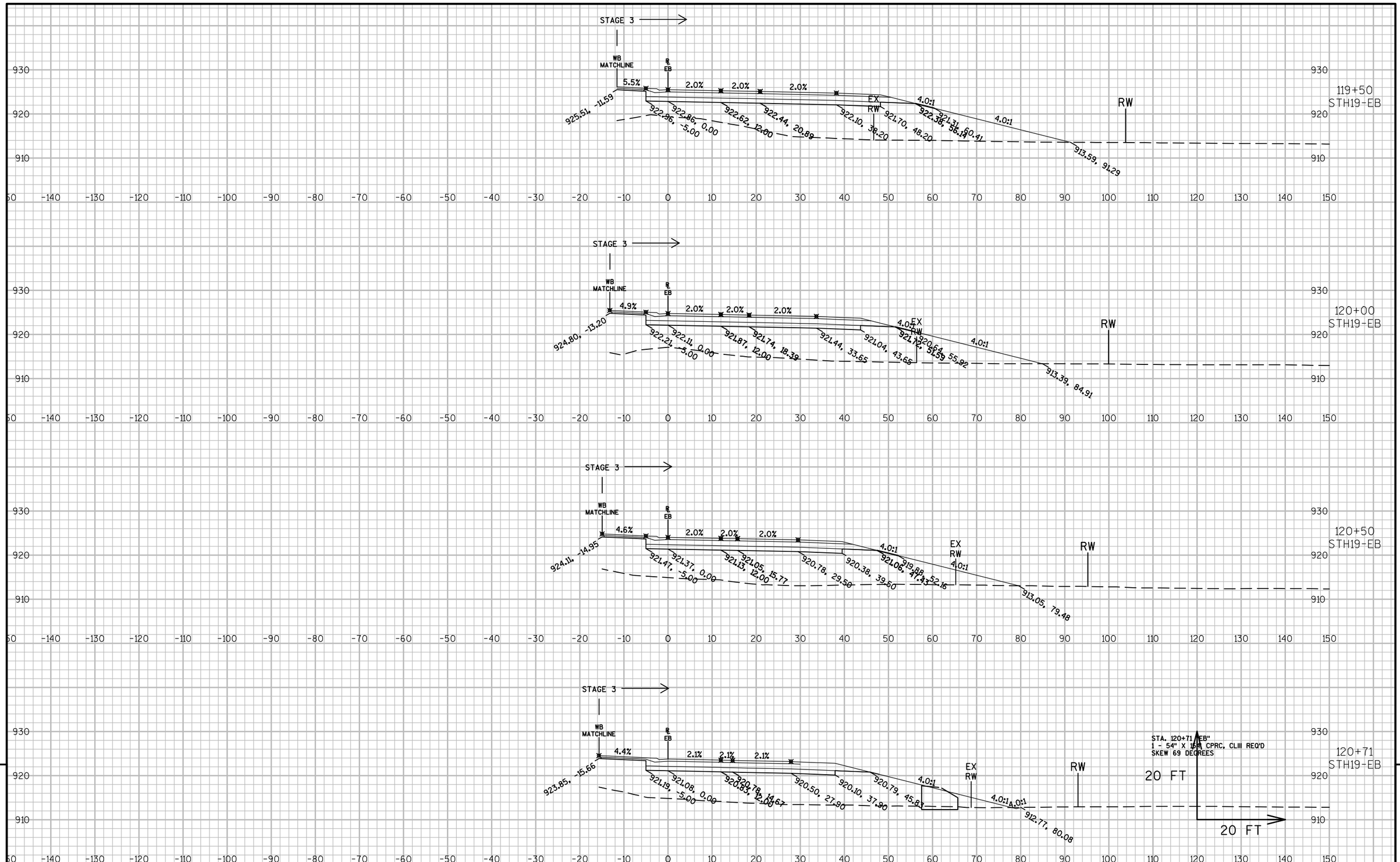


PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB EXIT	SHEET E

PRE_183

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - EAST LEG SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:01 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

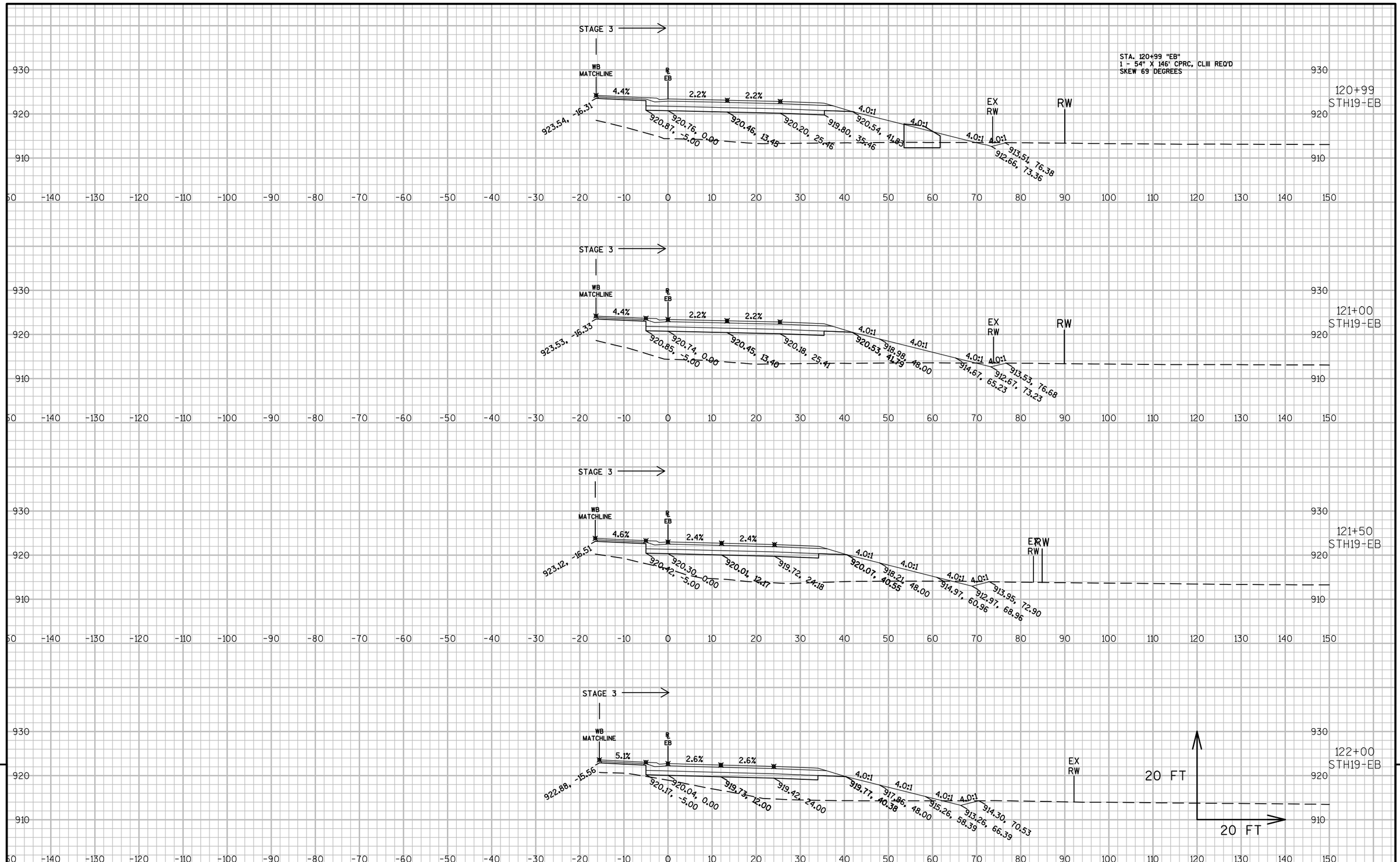
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB EXIT	SHEET E

PRE_184

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - EAST LEG SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:02 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



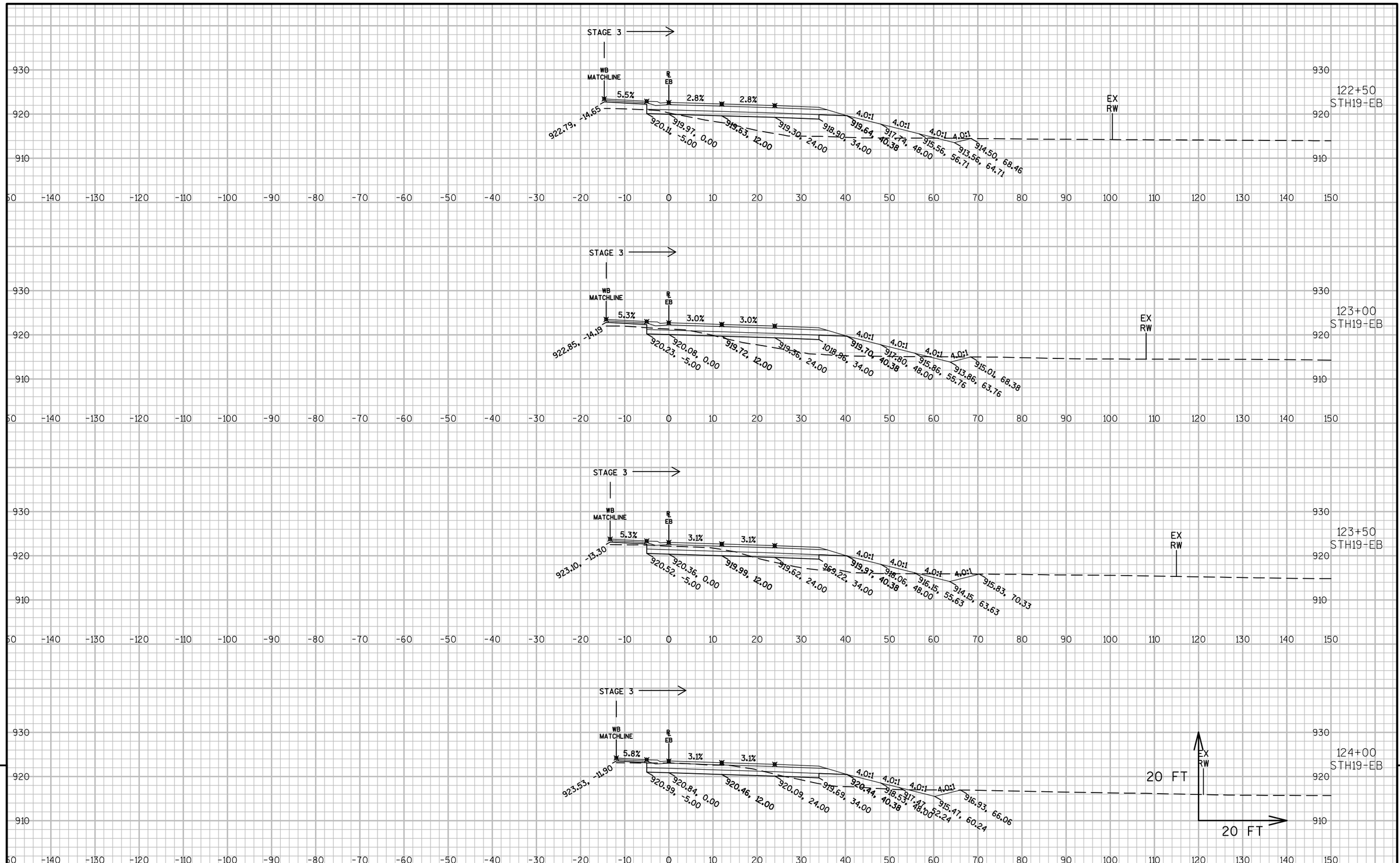
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB EXIT	SHEET E

PRE_185

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - EAST LEG SECTION SHEET - (3)

PLOT DATE : 6/27/2016 4:03 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

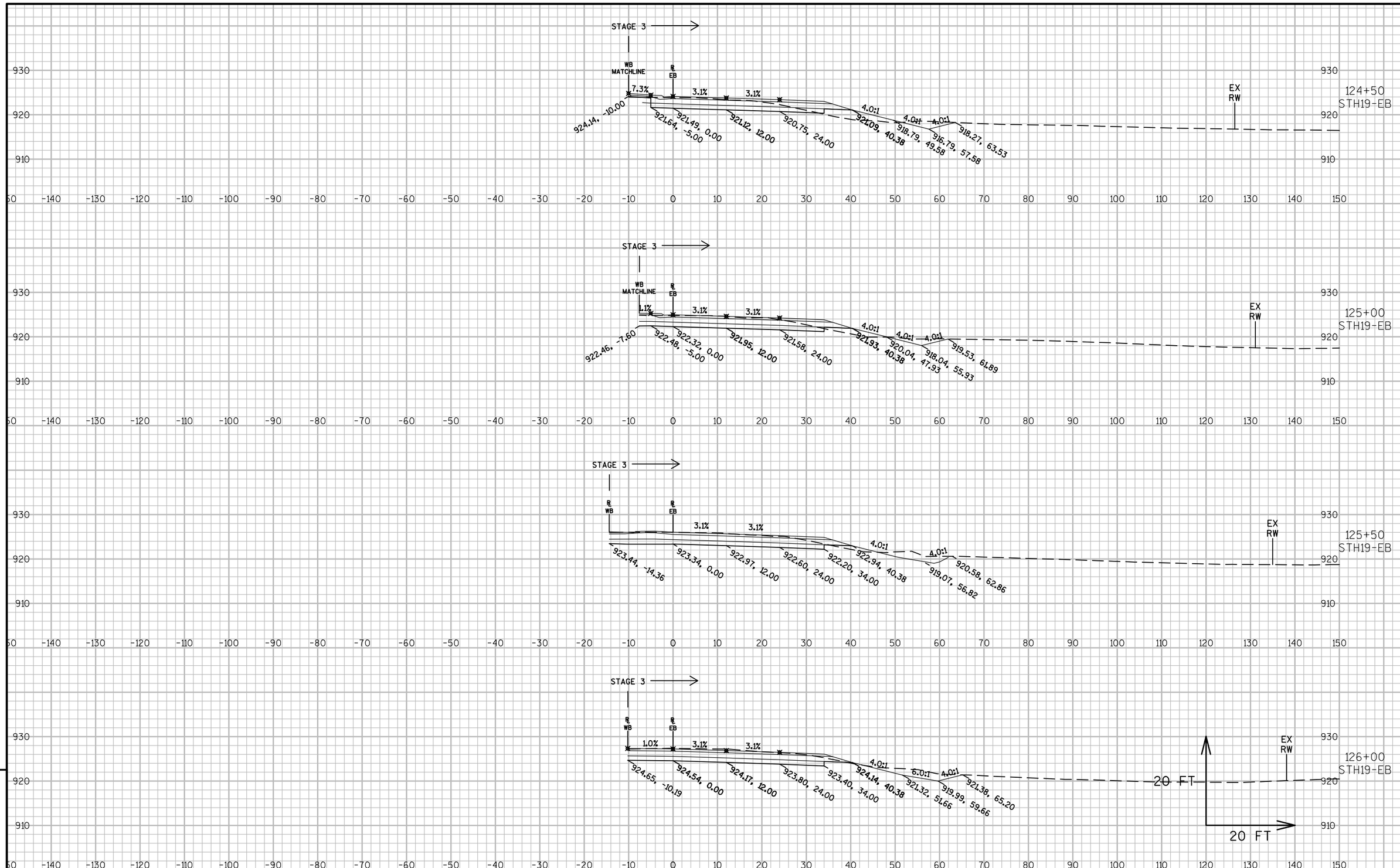
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB EXIT	SHEET E

PRE_186

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - EAST LEG SECTION SHEET - (4)

PLOT DATE : 6/27/2016 4:03 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

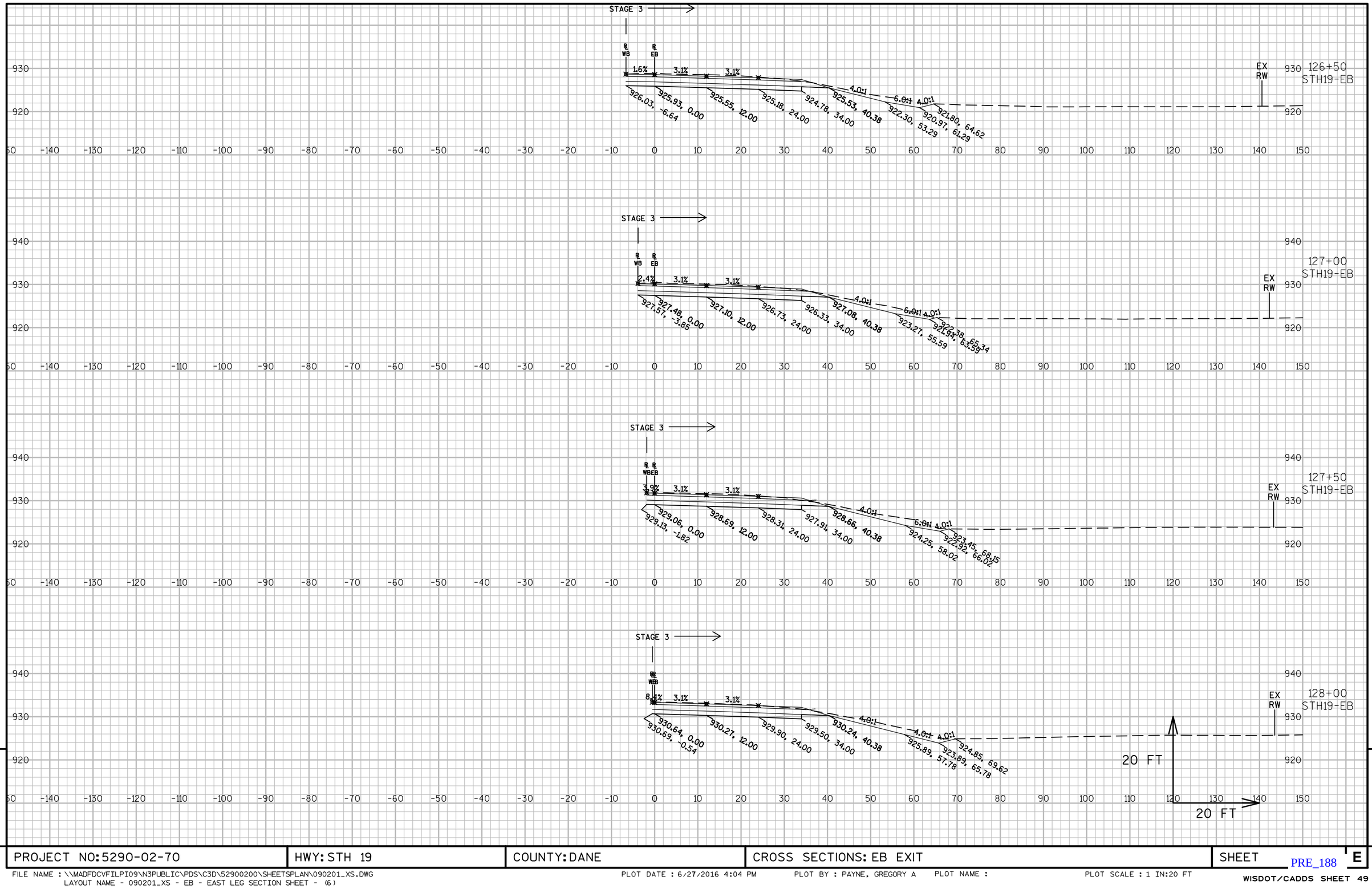
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB EXIT	SHEET E

PRE_187

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - EAST LEG SECTION SHEET - (5)

PLOT DATE : 6/27/2016 4:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

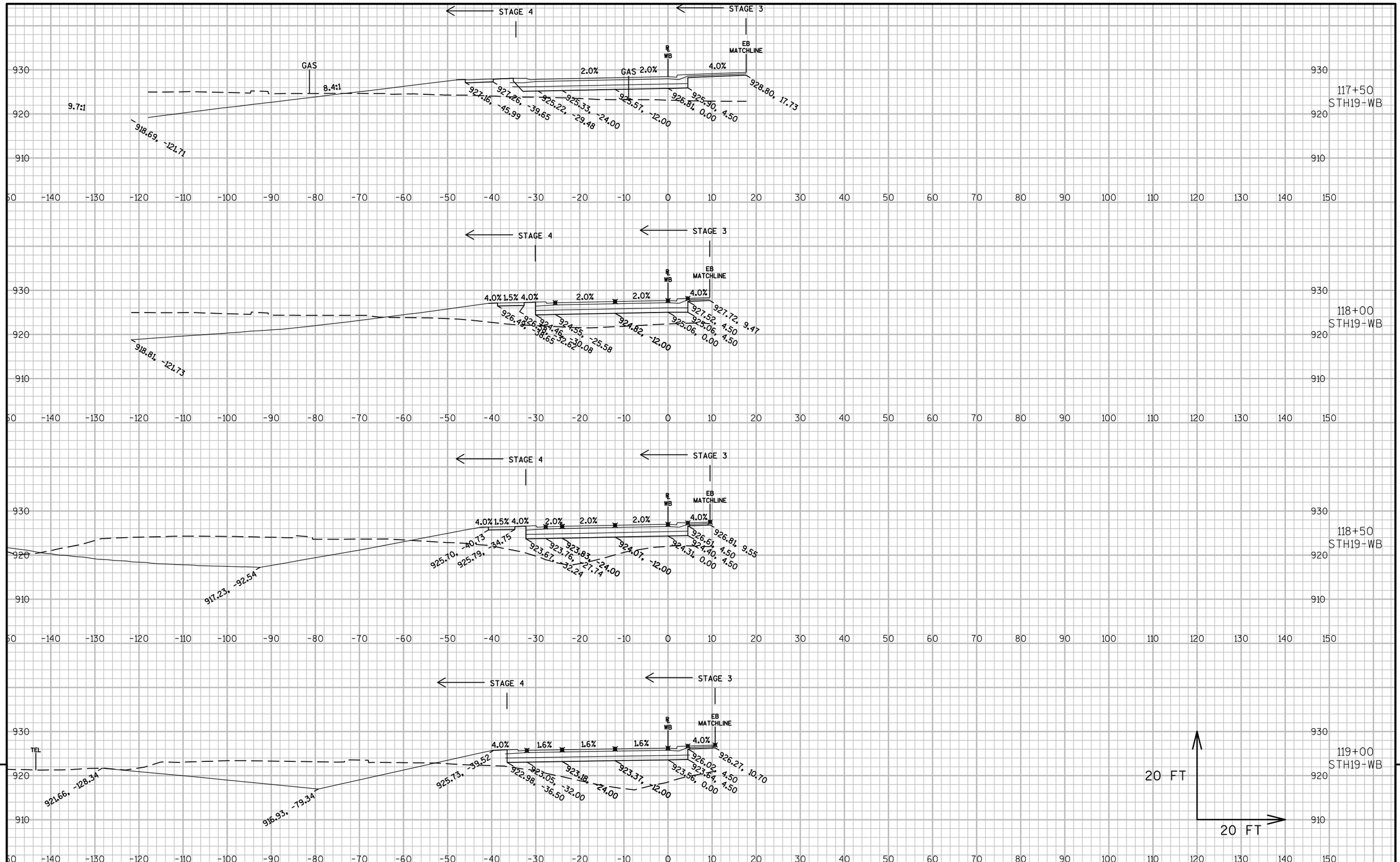
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: EB EXIT	SHEET E

PRE_188

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - EB - EAST LEG SECTION SHEET - (6)

PLOT DATE : 6/27/2016 4:04 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

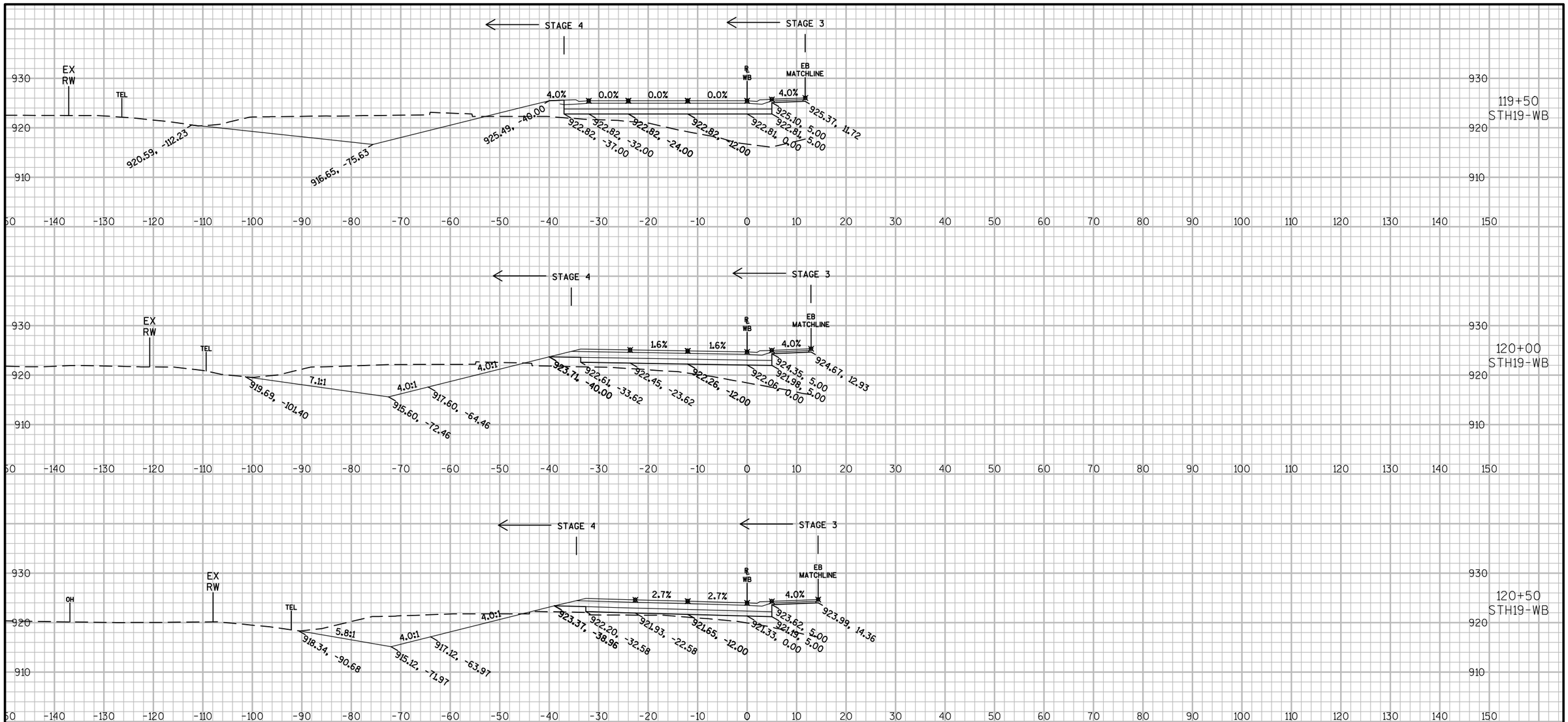


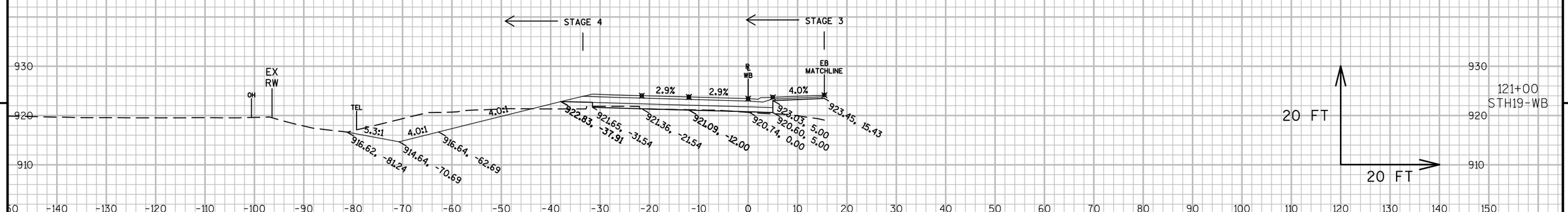
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_189

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:05 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT





9

9

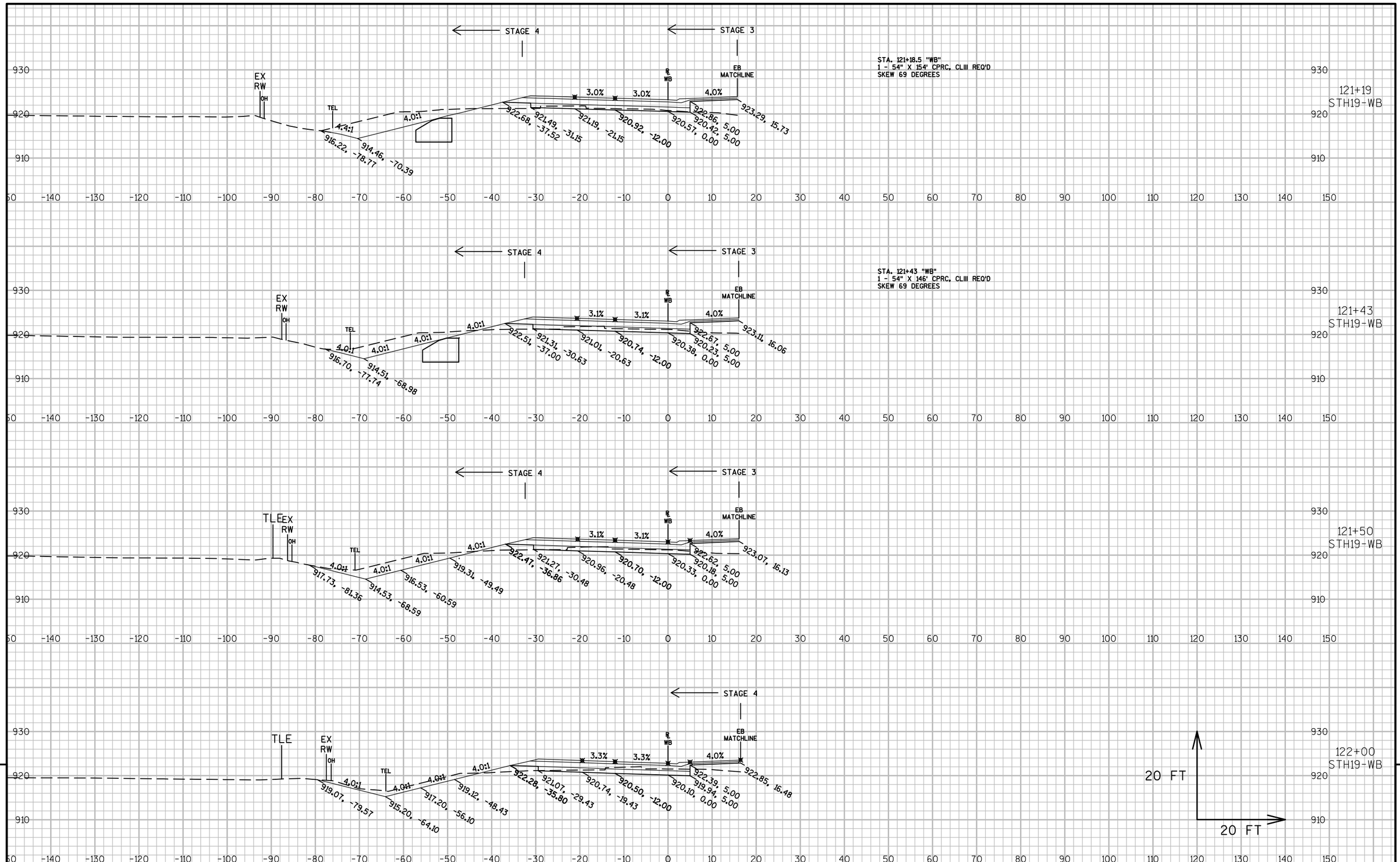
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_190

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:06 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

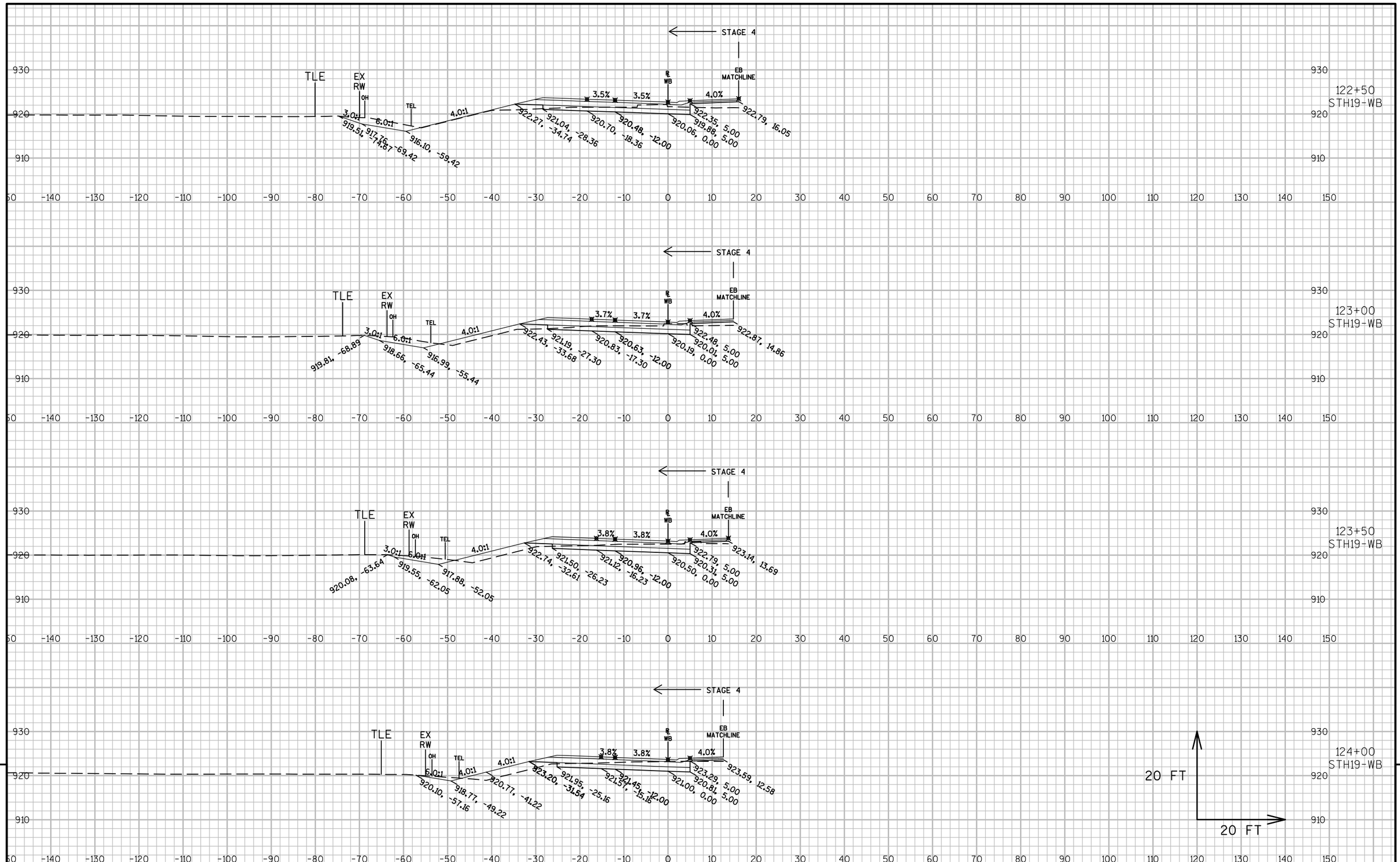
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_191

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (3)

PLOT DATE : 6/27/2016 4:06 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

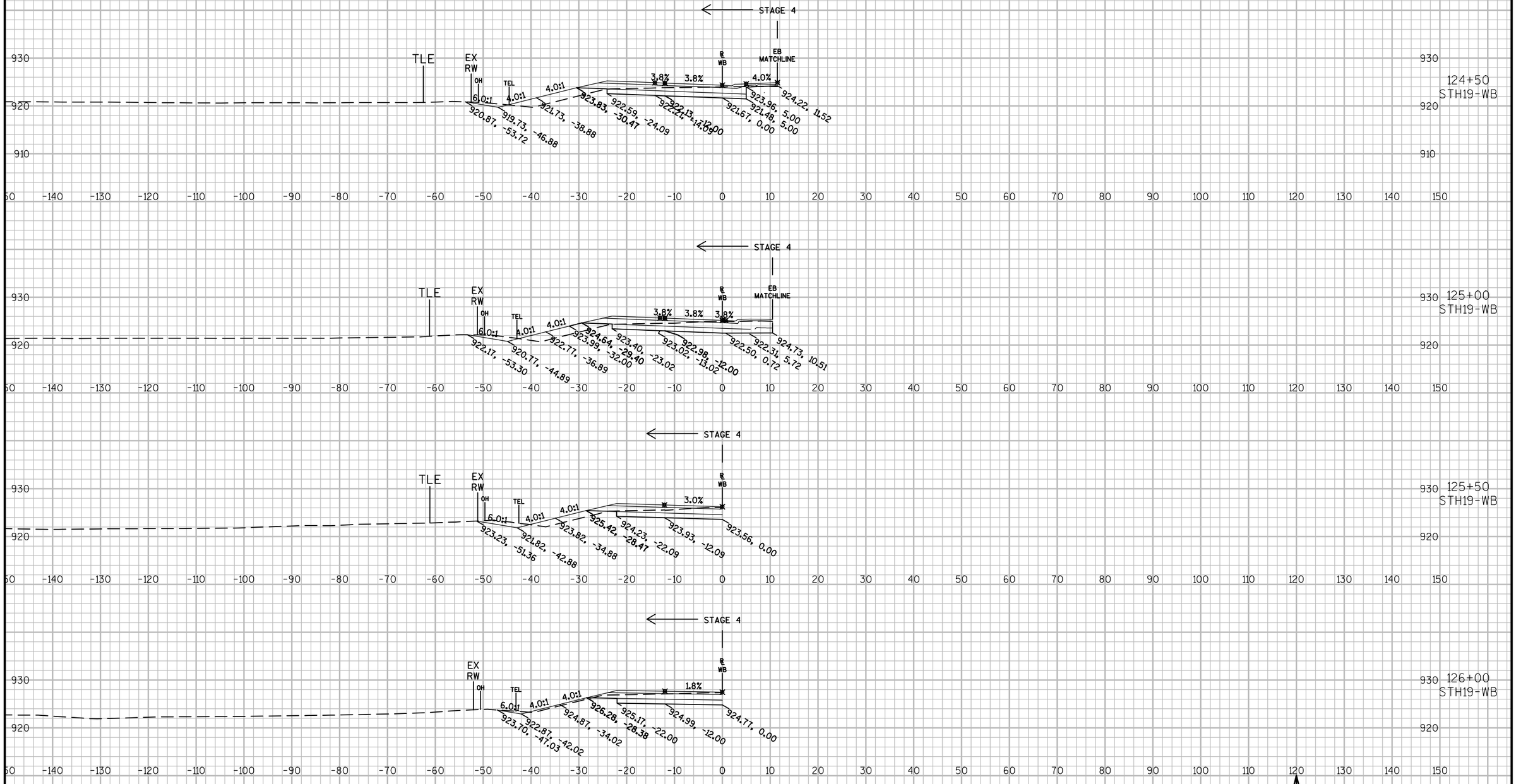
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_192

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (4)

PLOT DATE : 6/27/2016 4:07 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

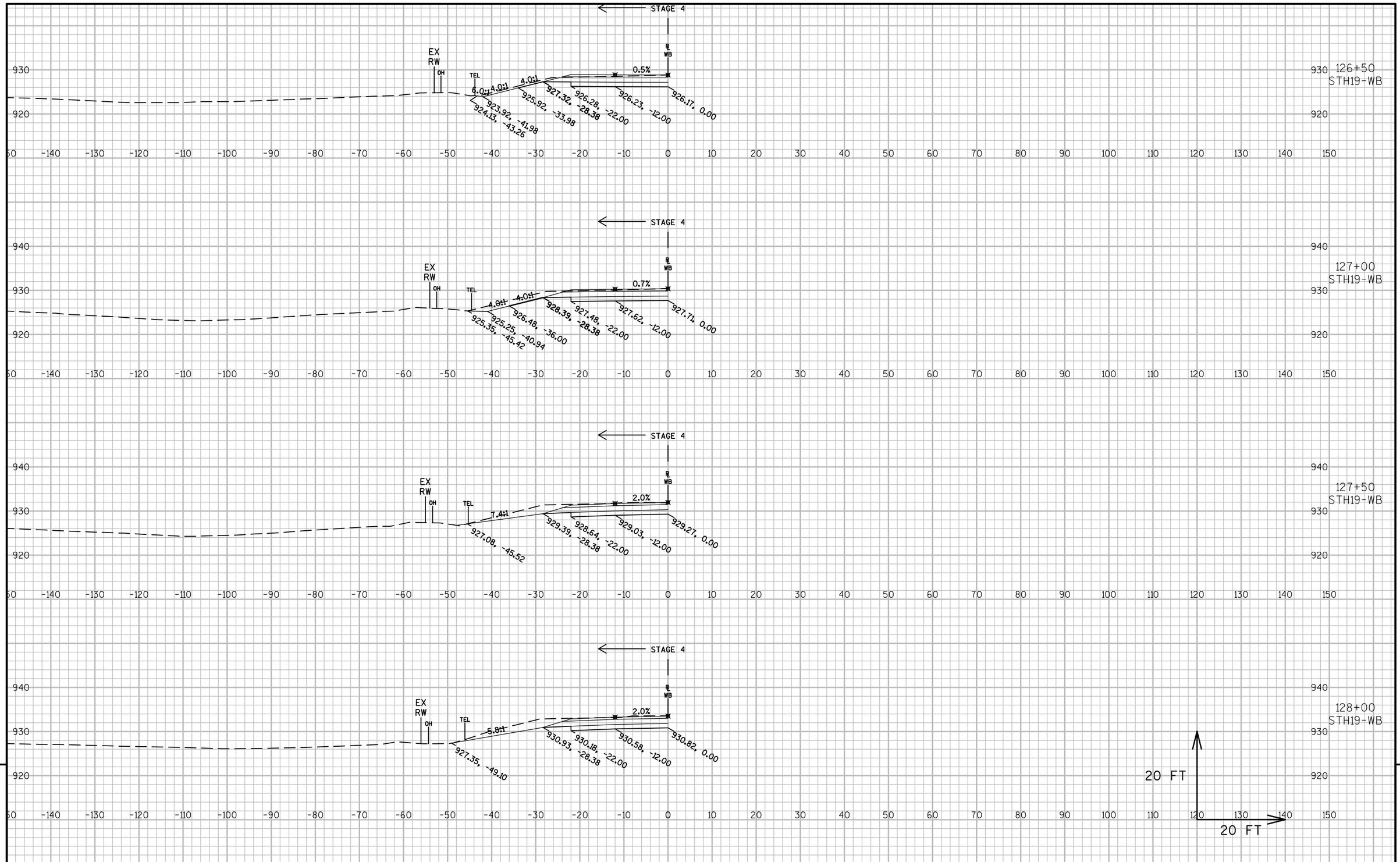
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_193

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (5)

PLOT DATE : 6/27/2016 4:07 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

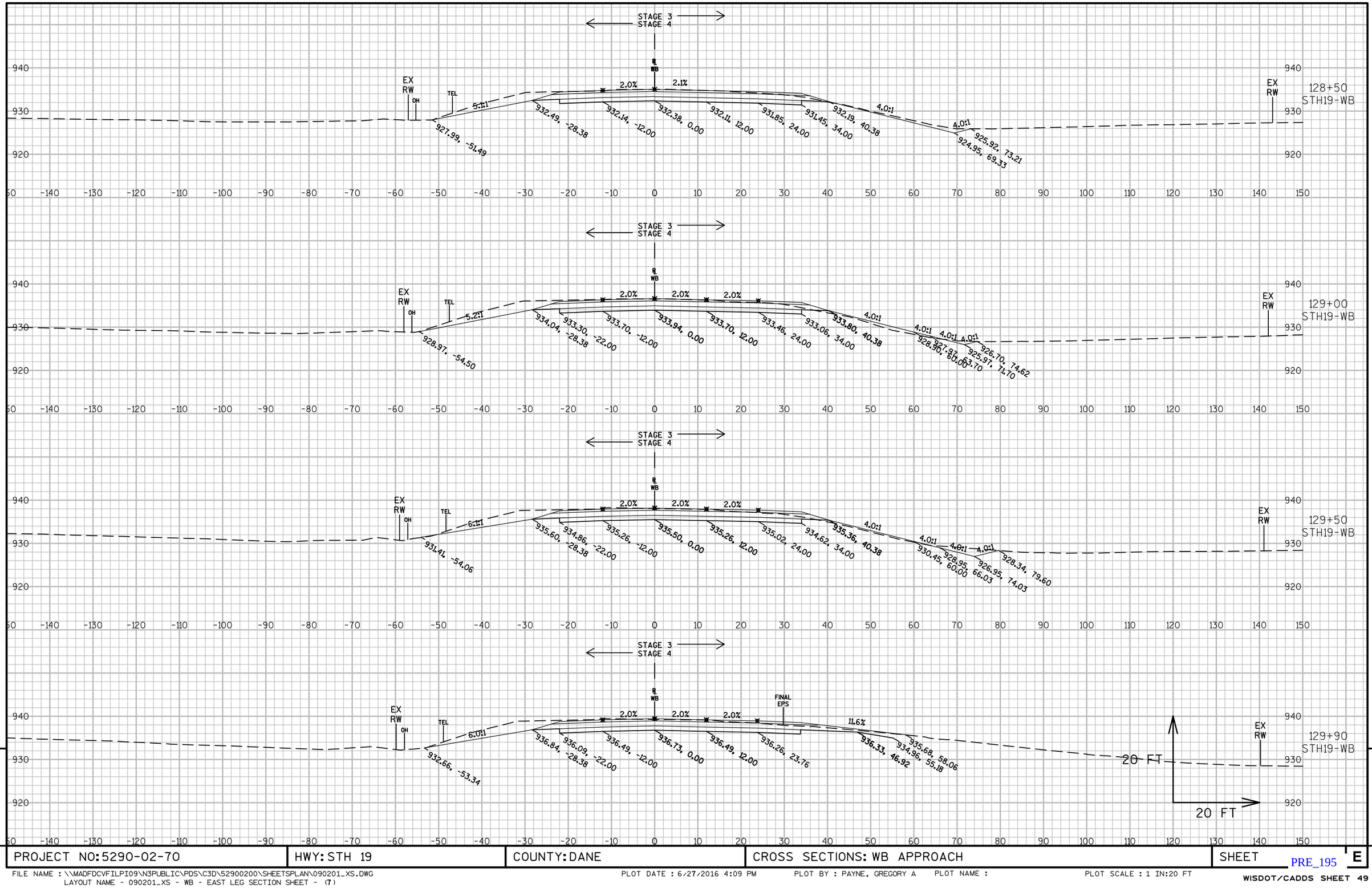
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_194

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (6)

PLOT DATE : 6/27/2016 4:08 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

9

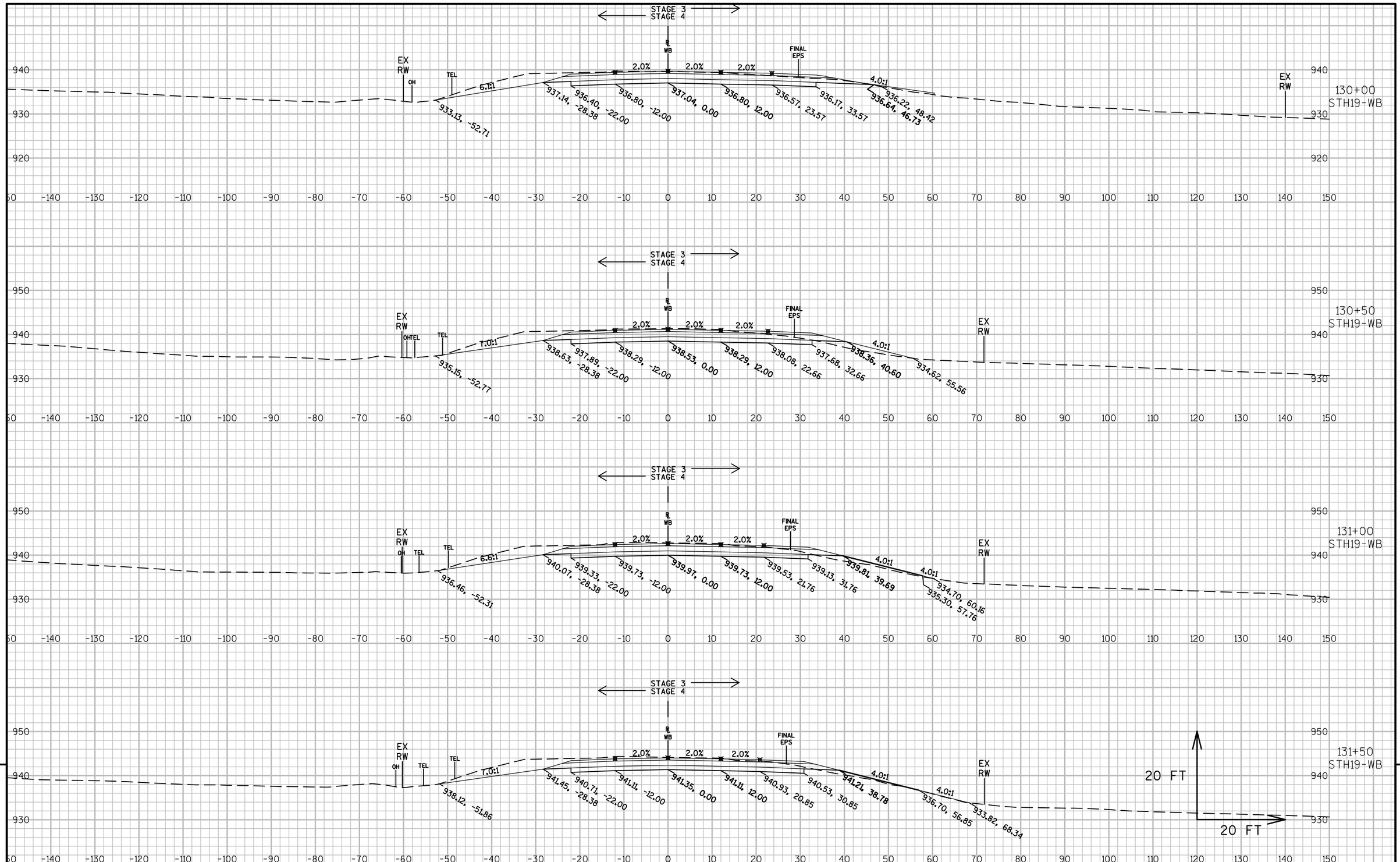
PROJECT NO:5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_195

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (7)

PLOT DATE : 6/27/2016 4:09 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

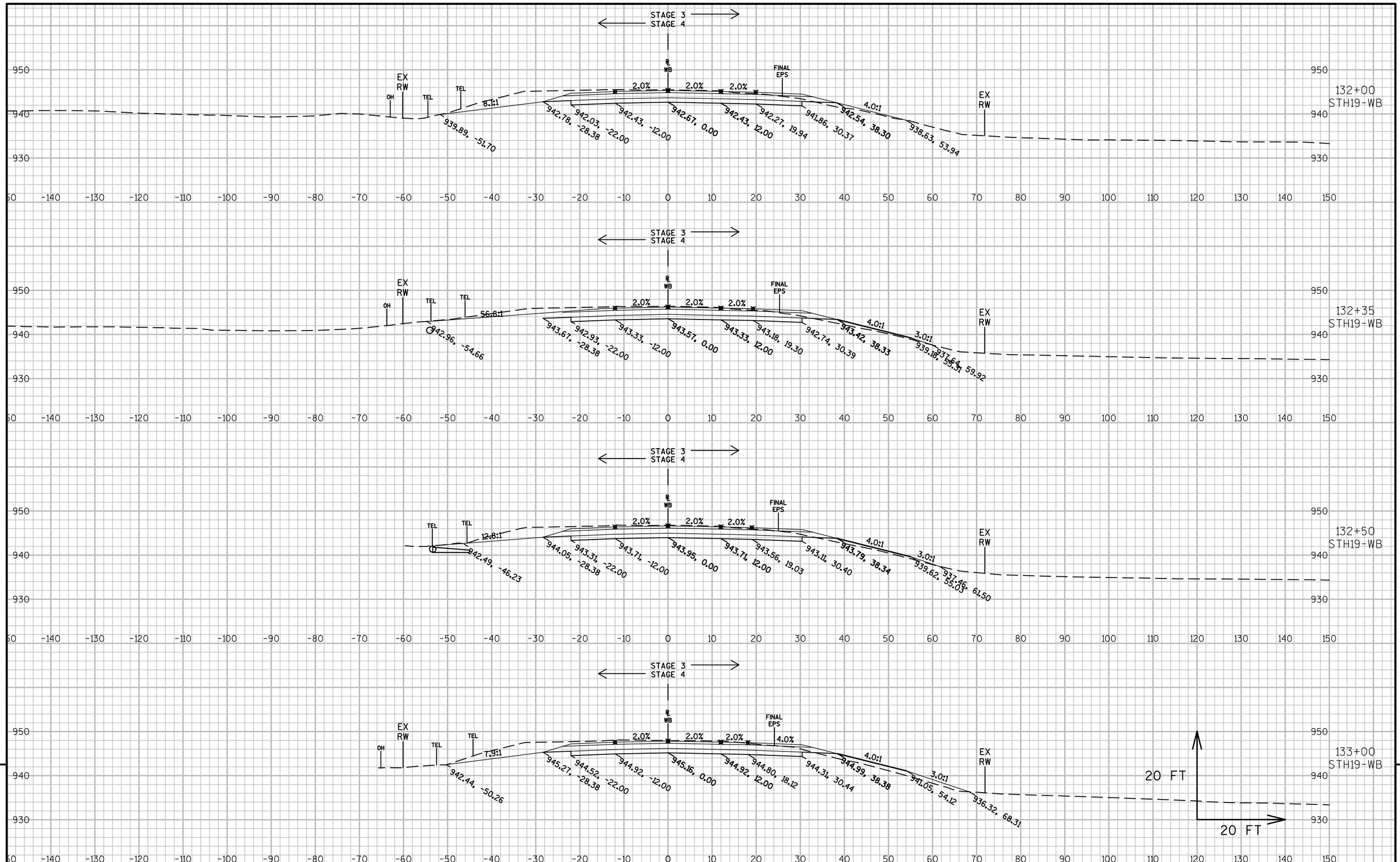


PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (8)

PLOT DATE : 6/27/2016 4:09 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_196



9

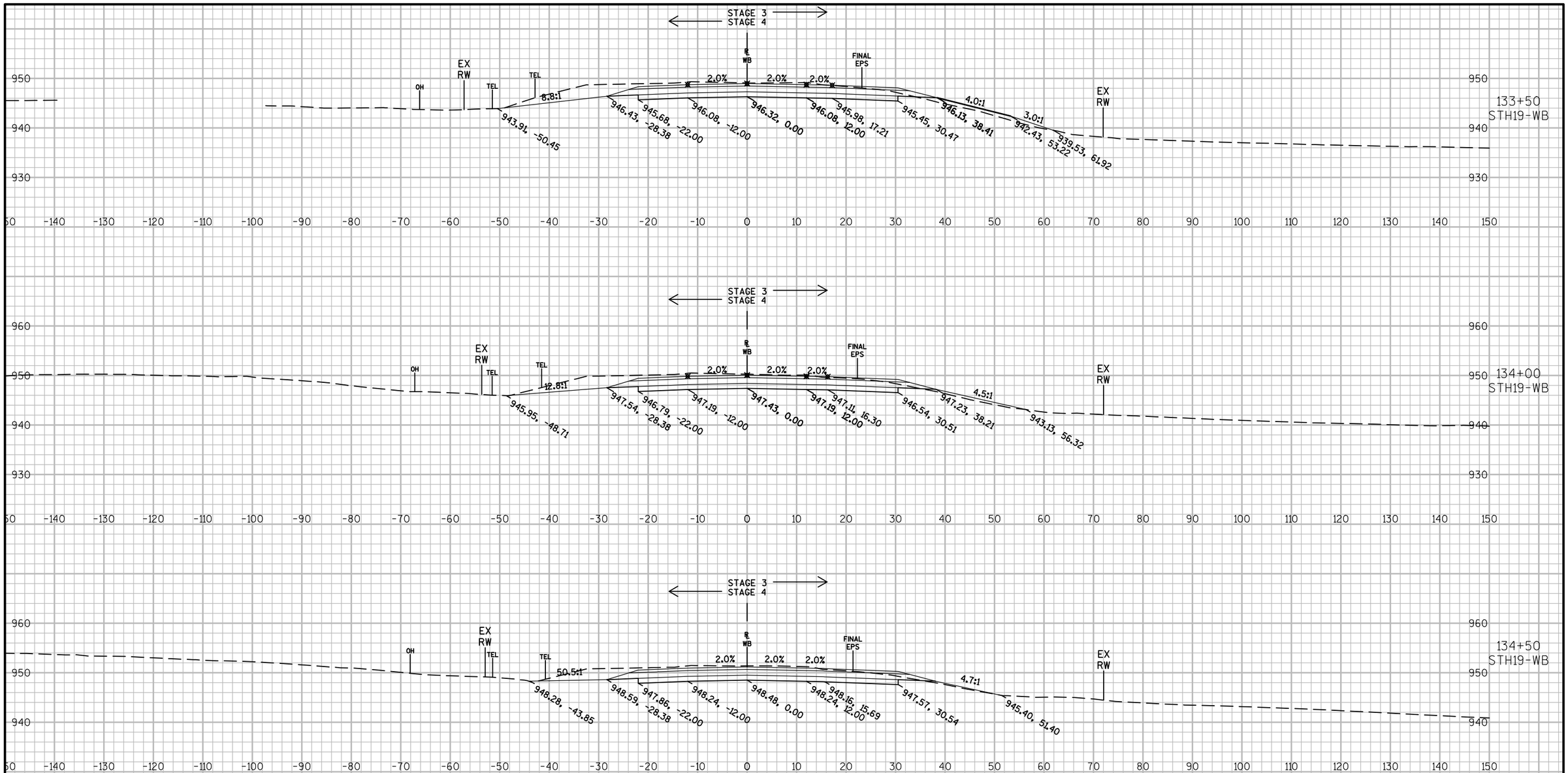
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_197

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (9)

PLOT DATE : 6/27/2016 4:10 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



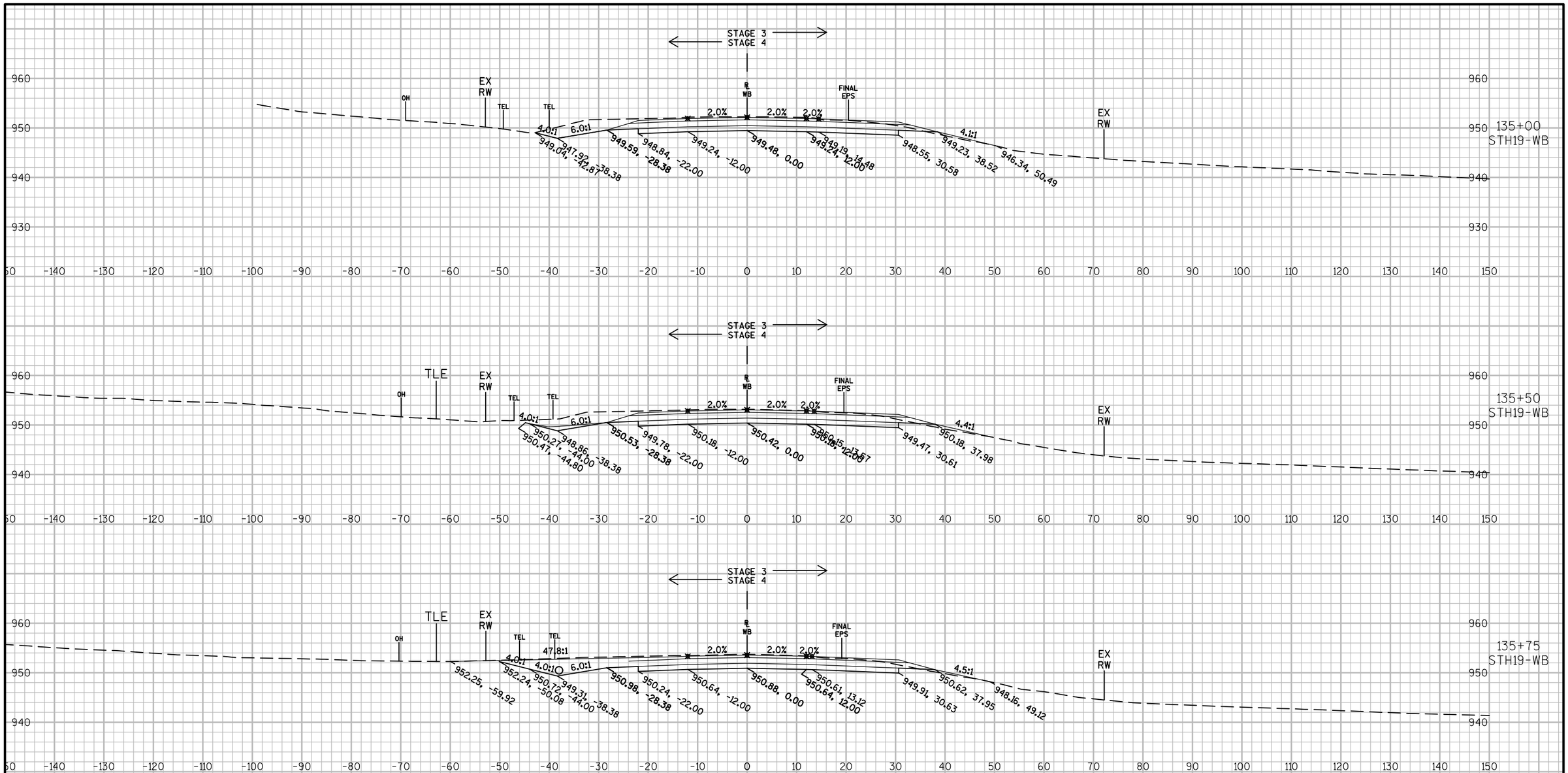
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (10)

PLOT DATE : 6/27/2016 4:10 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_198

WISDOT/CADDS SHEET 49



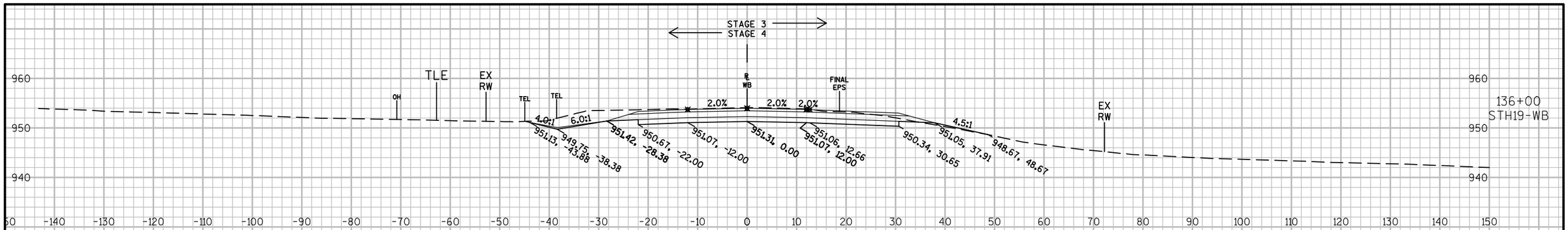
9

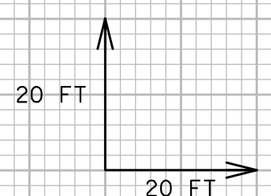
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_199

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (11)
PLOT DATE : 6/27/2016 4:11 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49





9

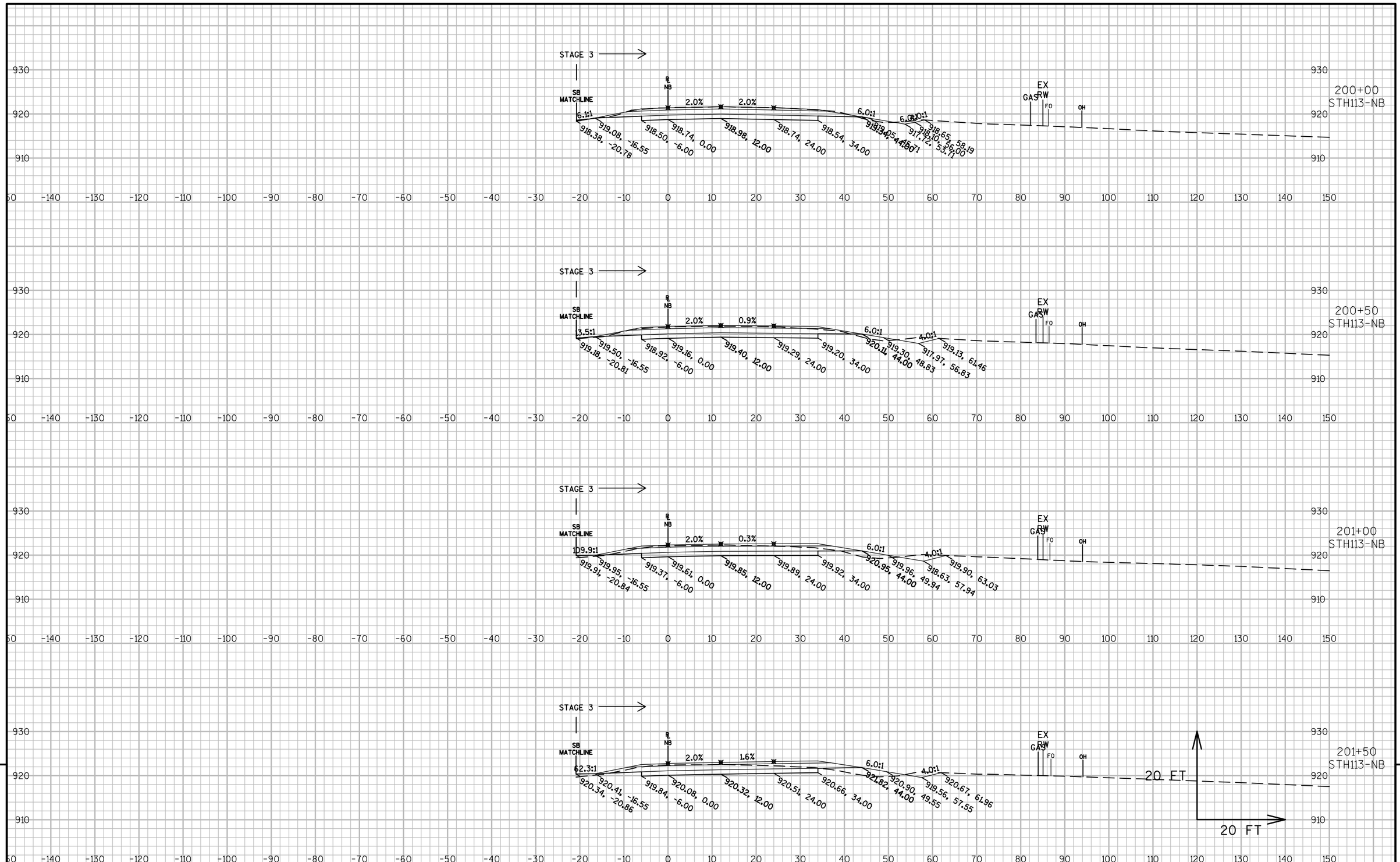
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WB APPROACH	SHEET E

PRE_200

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - WB - EAST LEG SECTION SHEET - (12)

PLOT DATE : 6/27/2016 4:12 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



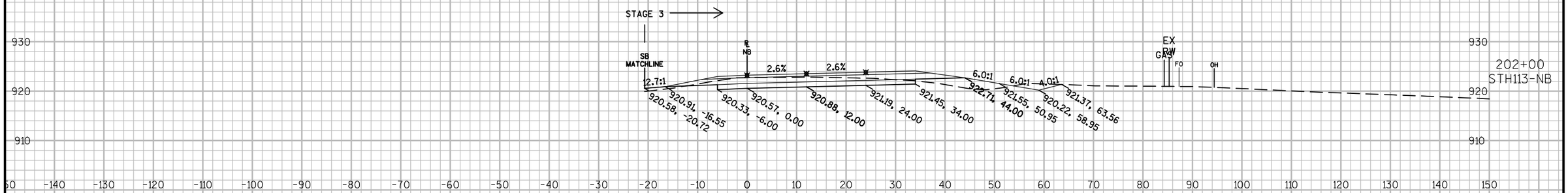
9

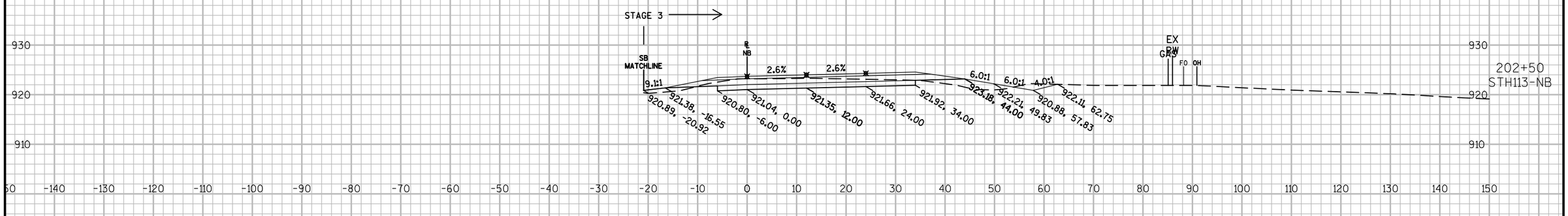
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

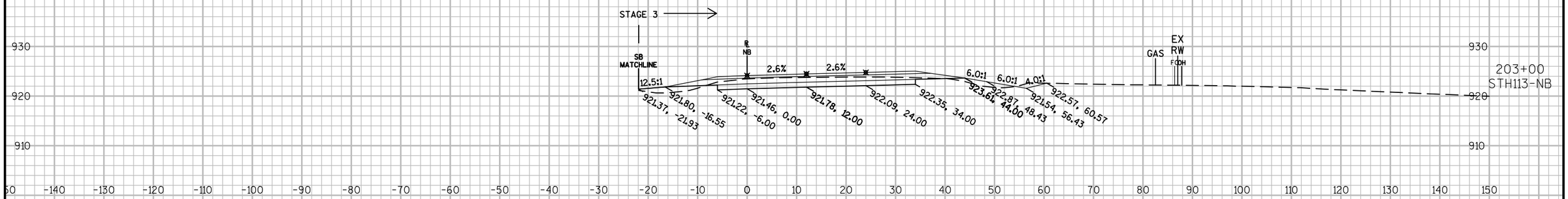
PRE_201

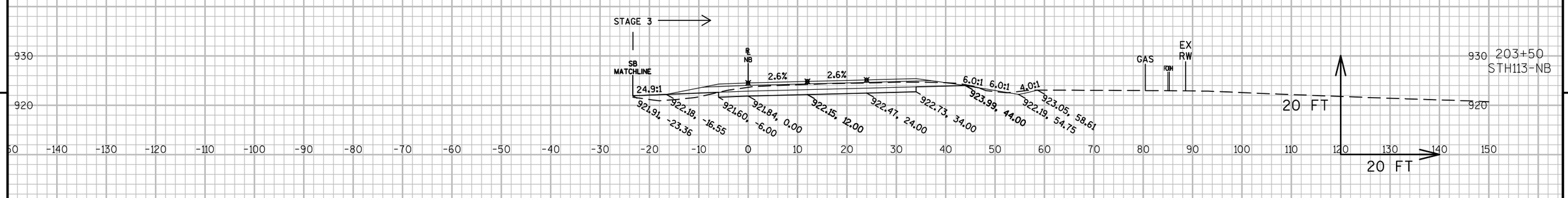
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:12 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT









9

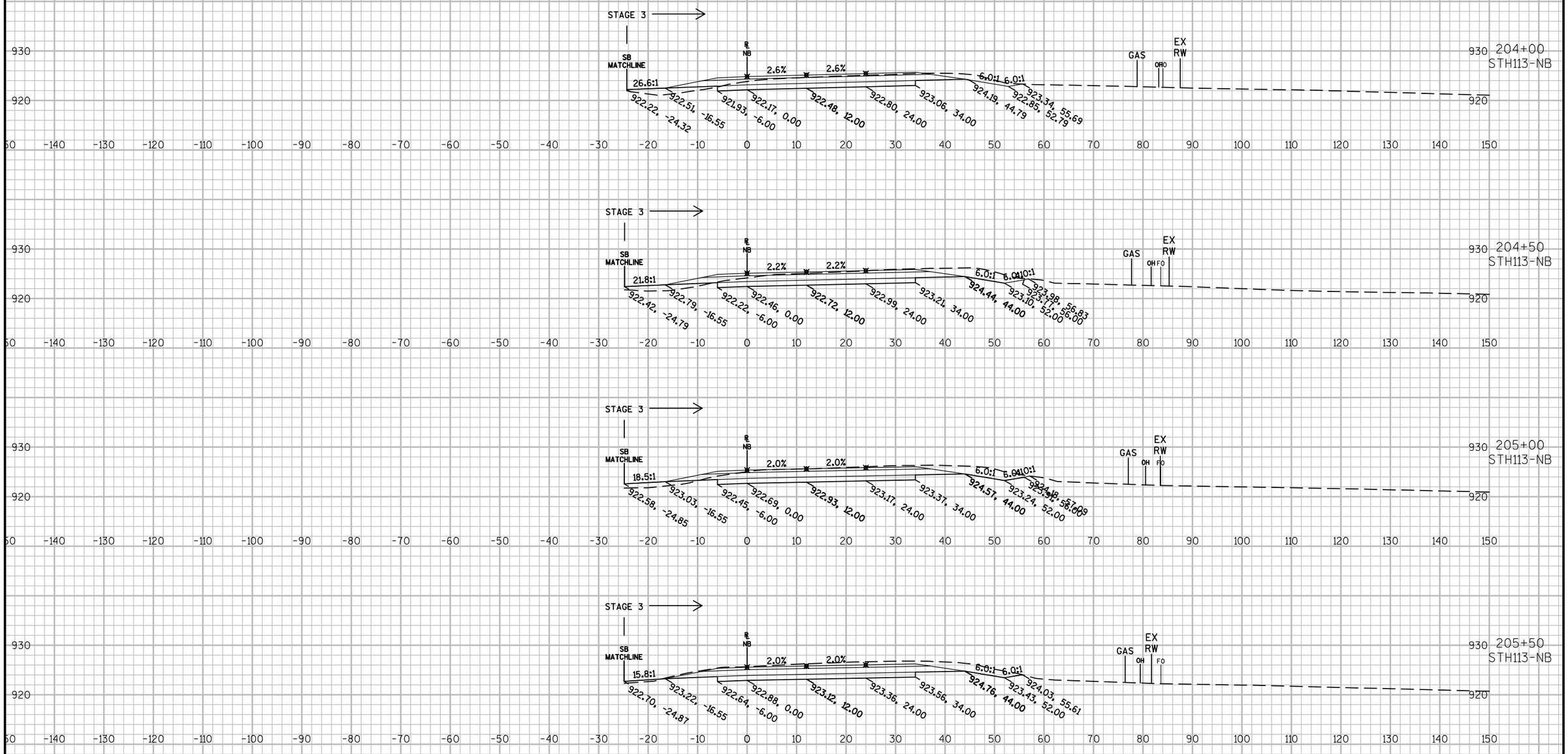
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

PRE_202

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:12 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

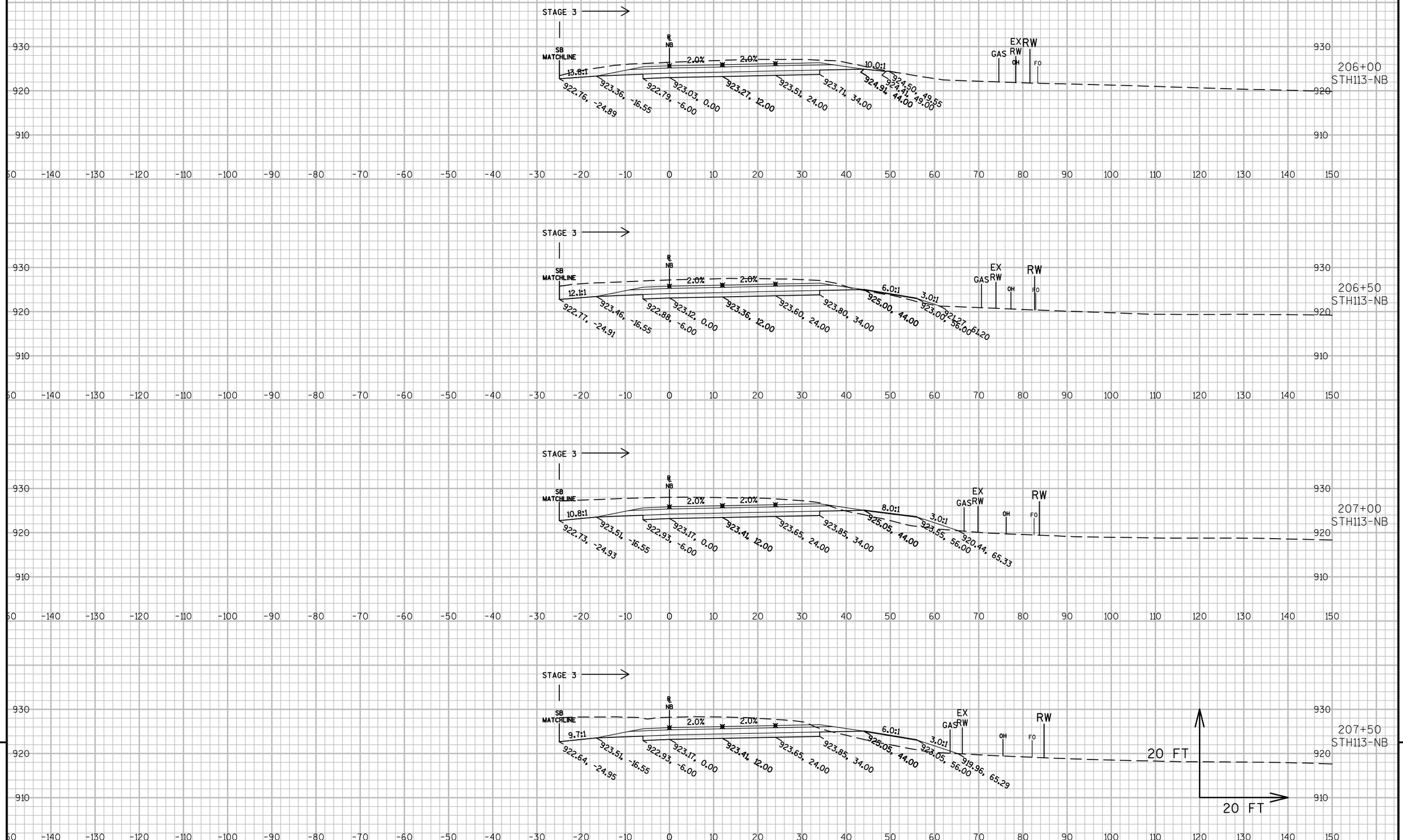
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

PRE_203

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (3)

PLOT DATE : 6/27/2016 4:13 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



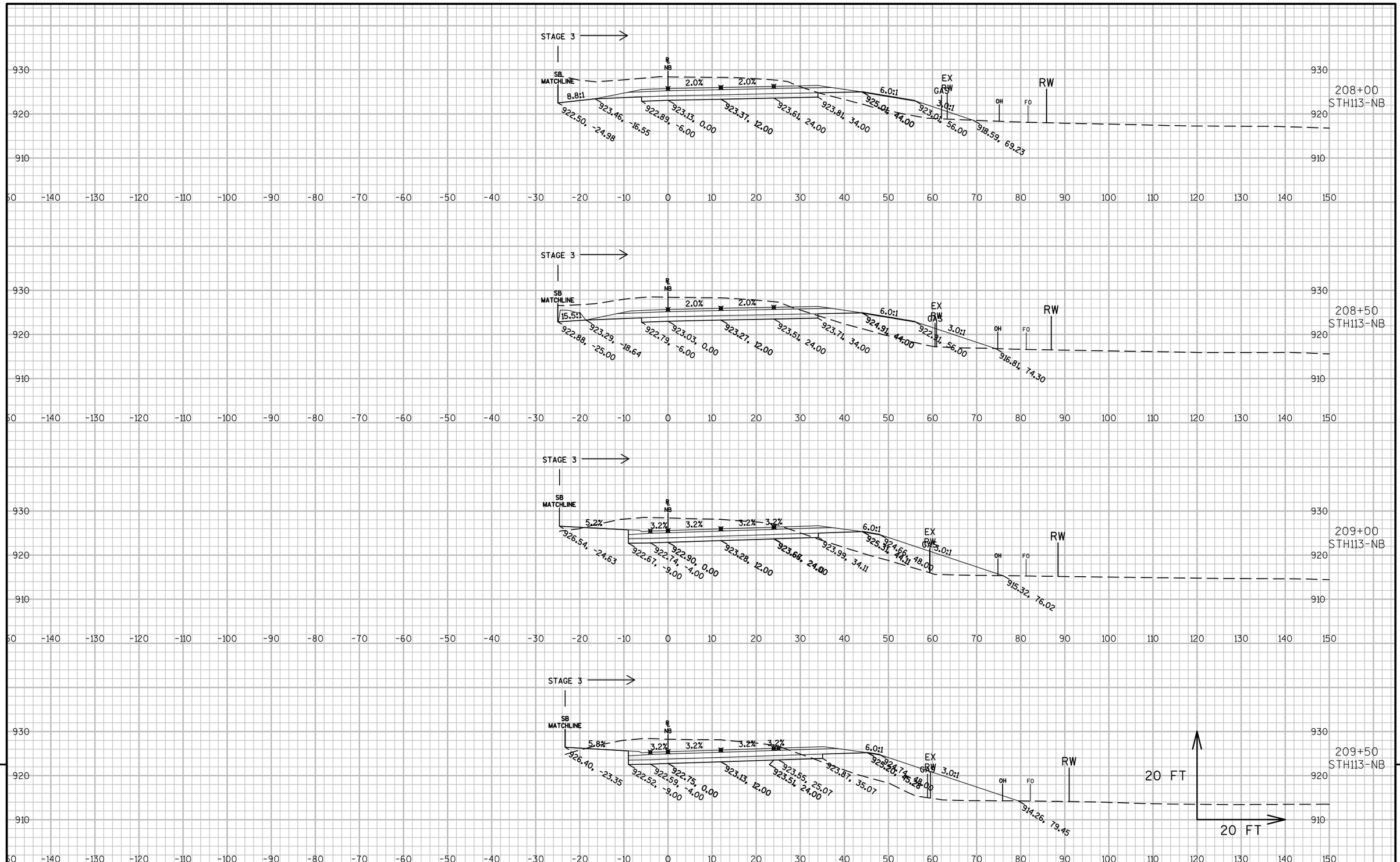
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

PRE_204

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (4)

PLOT DATE : 6/27/2016 4:13 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



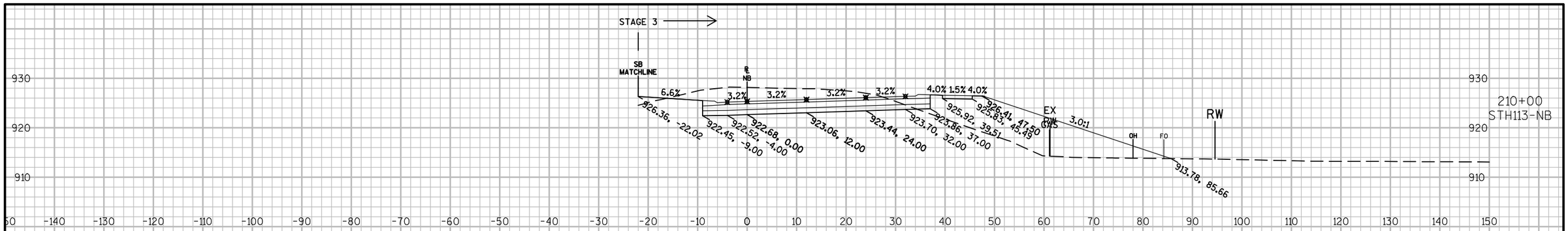
9

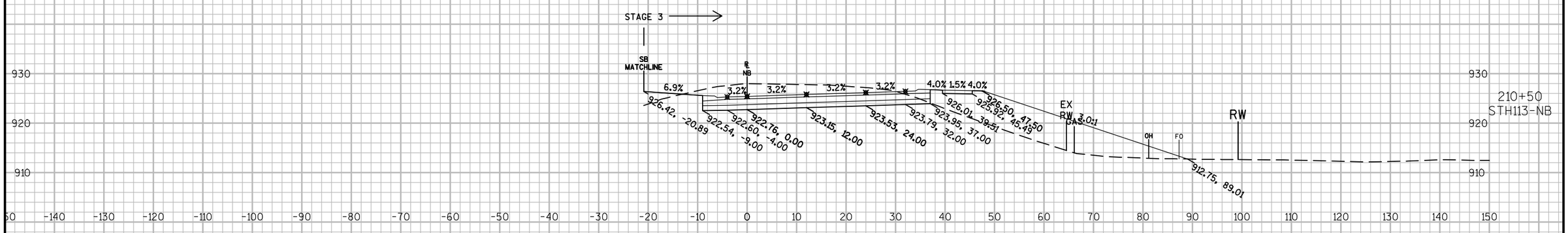
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

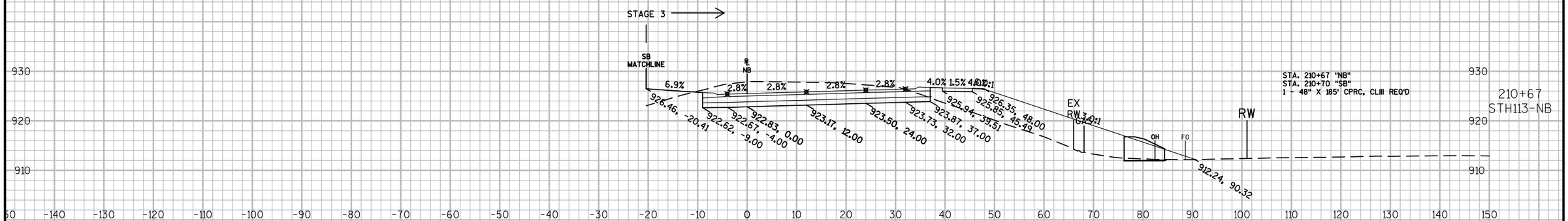
PRE_205

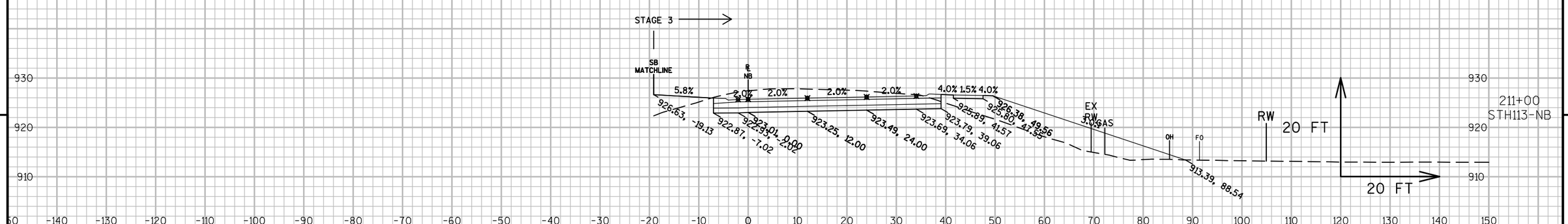
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LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (5)

PLOT DATE : 6/27/2016 4:14 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT









9

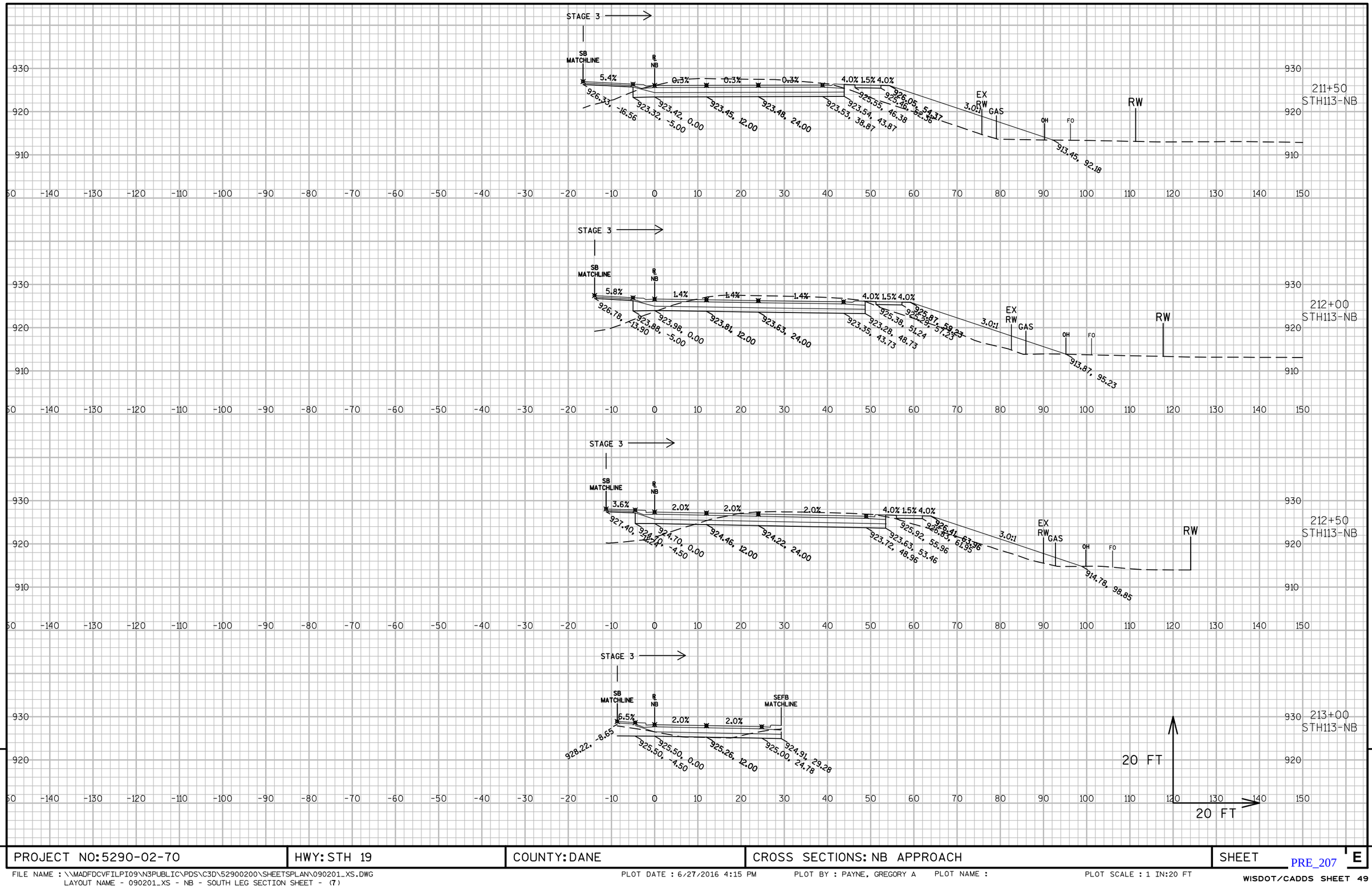
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

PRE_206

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (6)

PLOT DATE : 6/27/2016 4:14 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

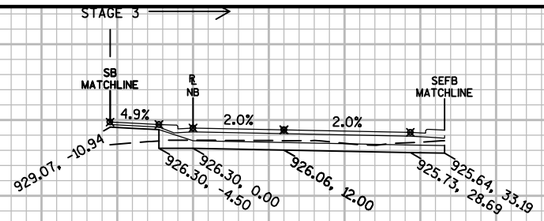
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

PRE_207

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (7)

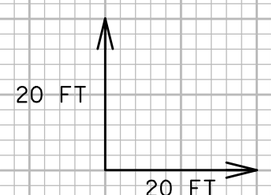
PLOT DATE : 6/27/2016 4:15 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



930 213+50 STH113-NB

920

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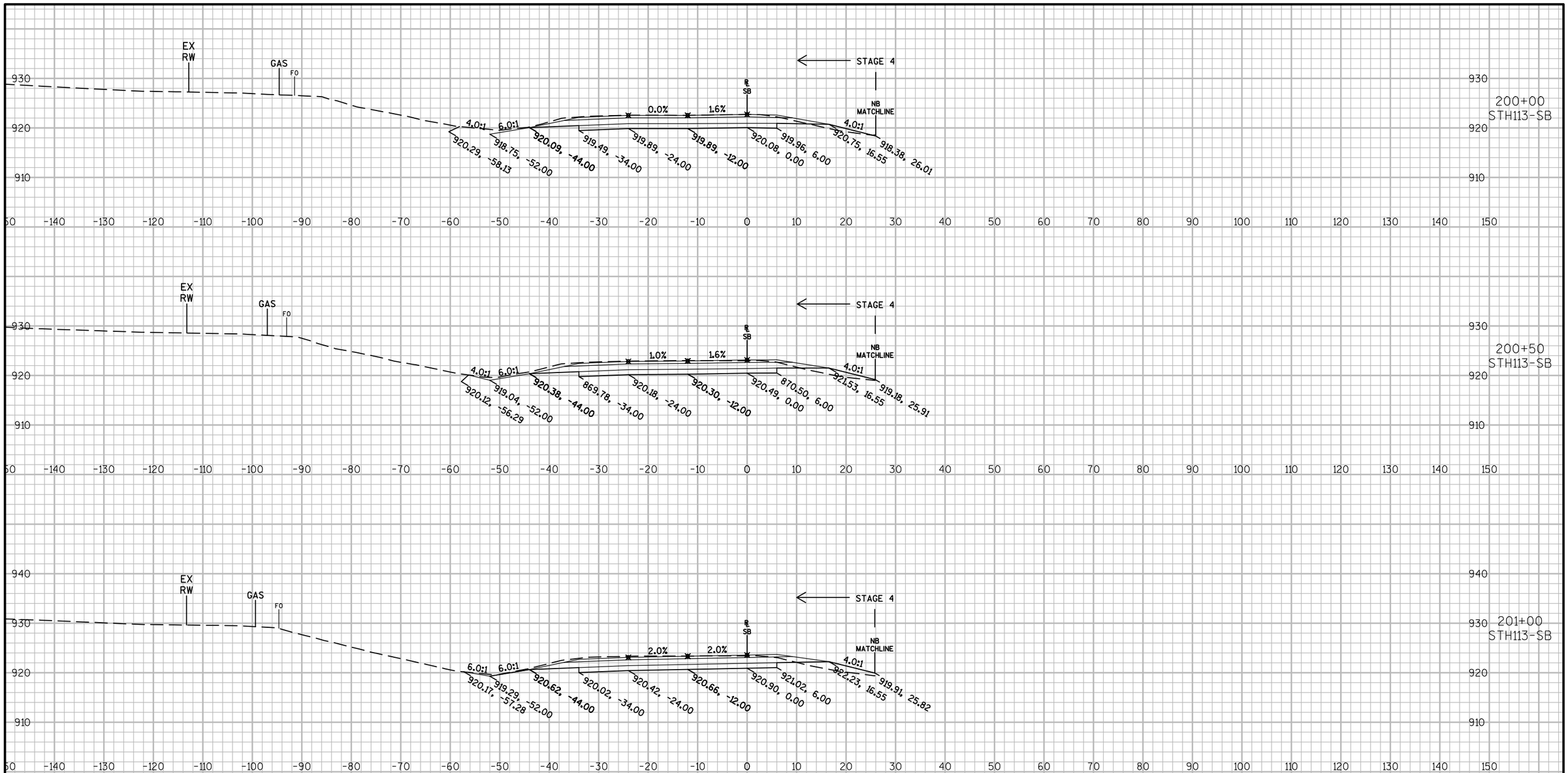


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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB APPROACH	SHEET E

PRE_208

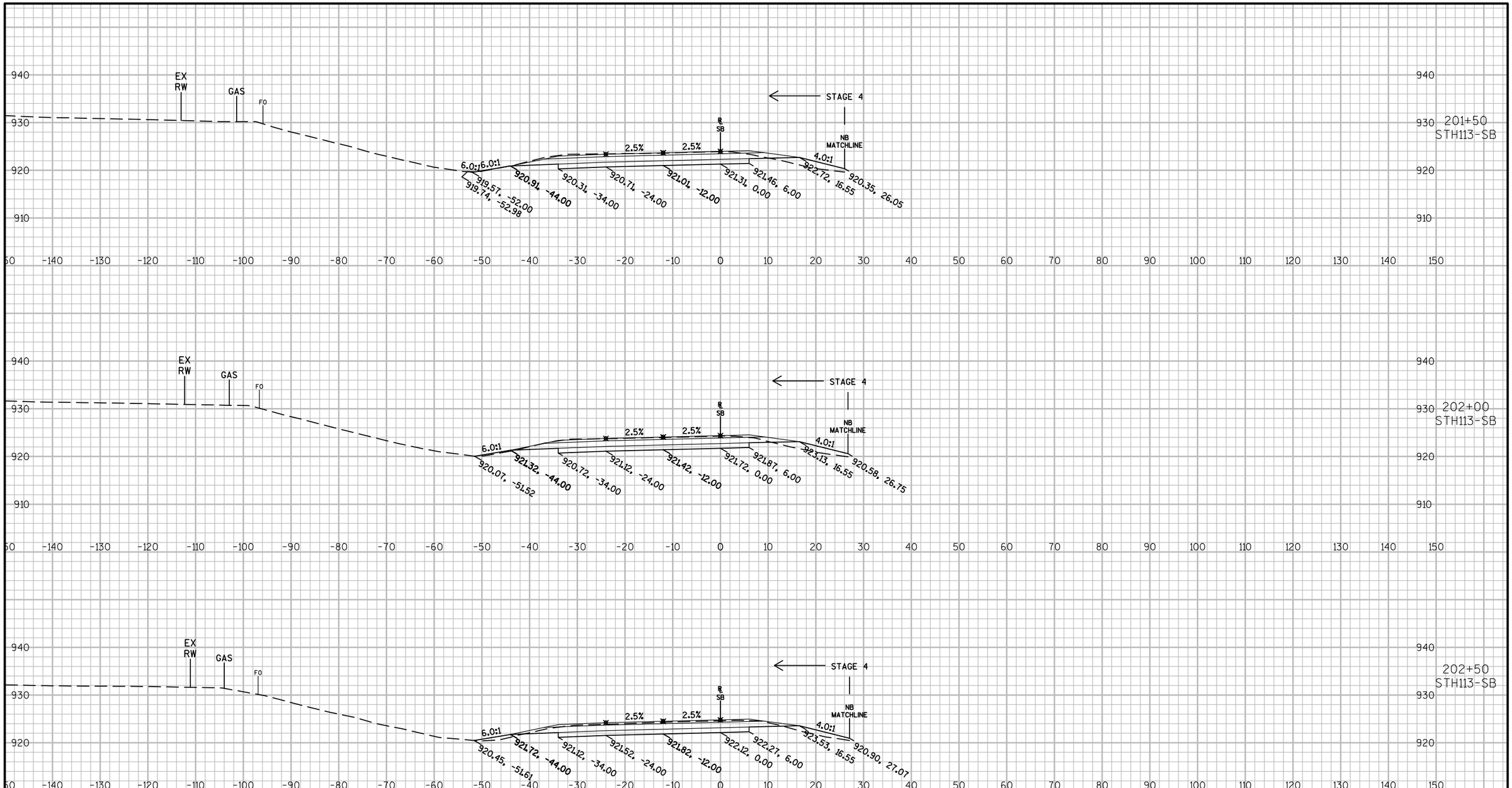
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - SOUTH LEG SECTION SHEET - (8)
PLOT DATE : 6/27/2016 4:15 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

PRE_209

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (1)
PLOT DATE : 6/27/2016 4:16 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



9

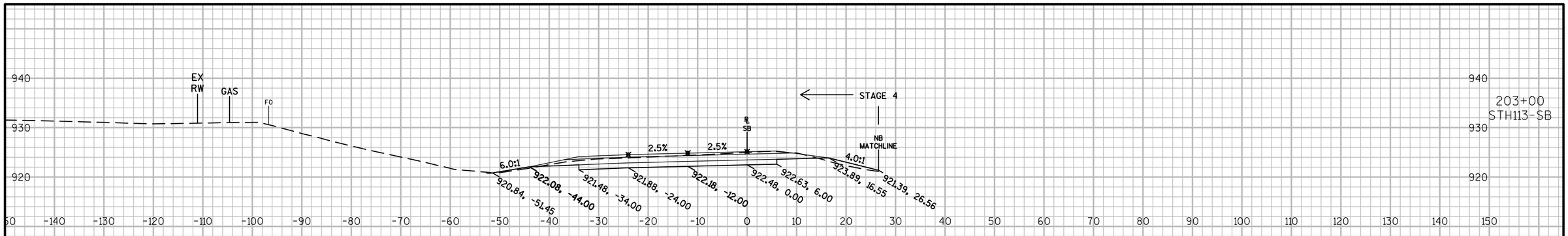
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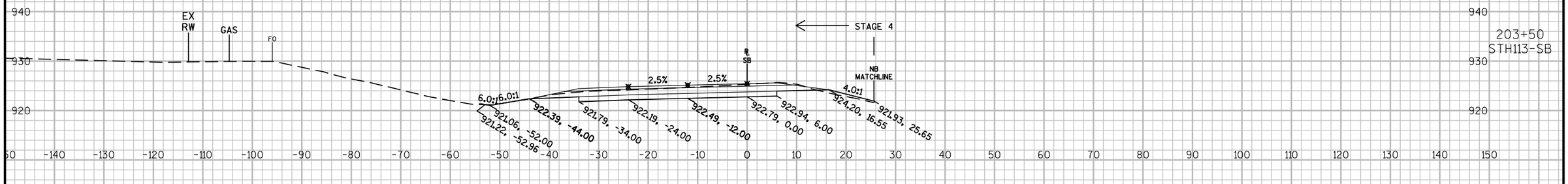
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

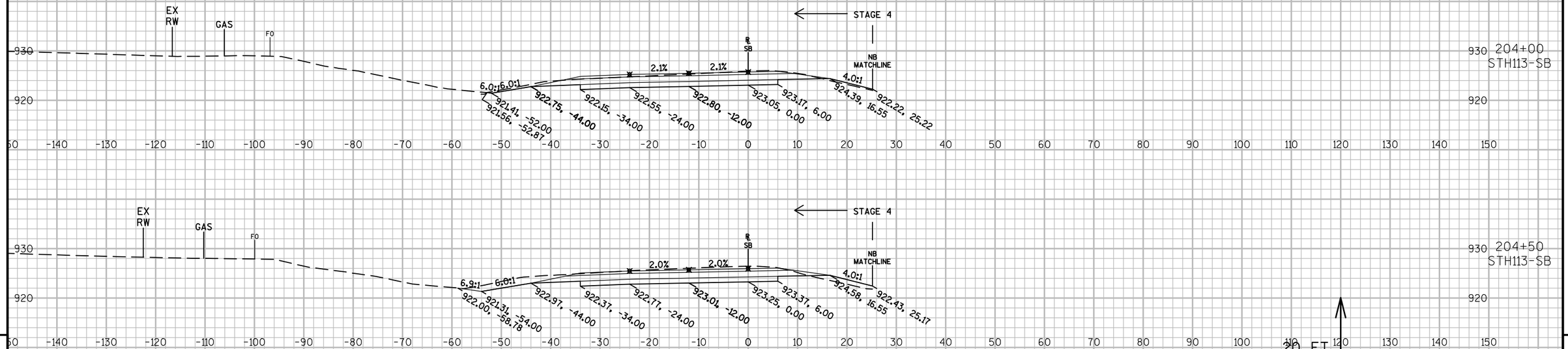
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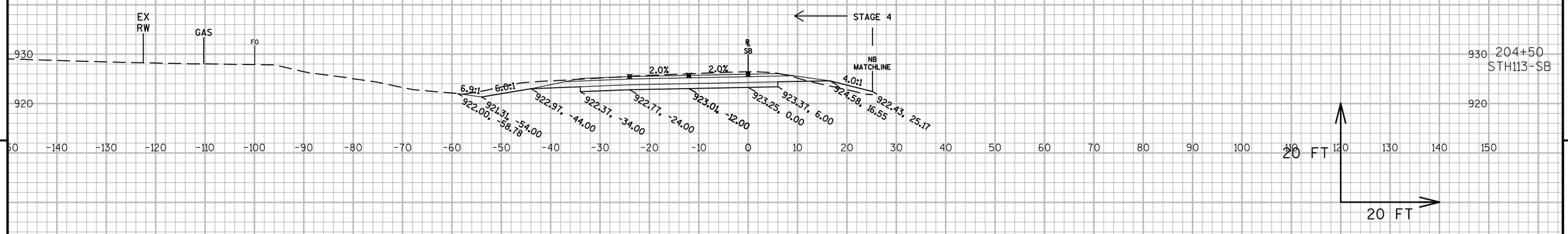
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:16 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT









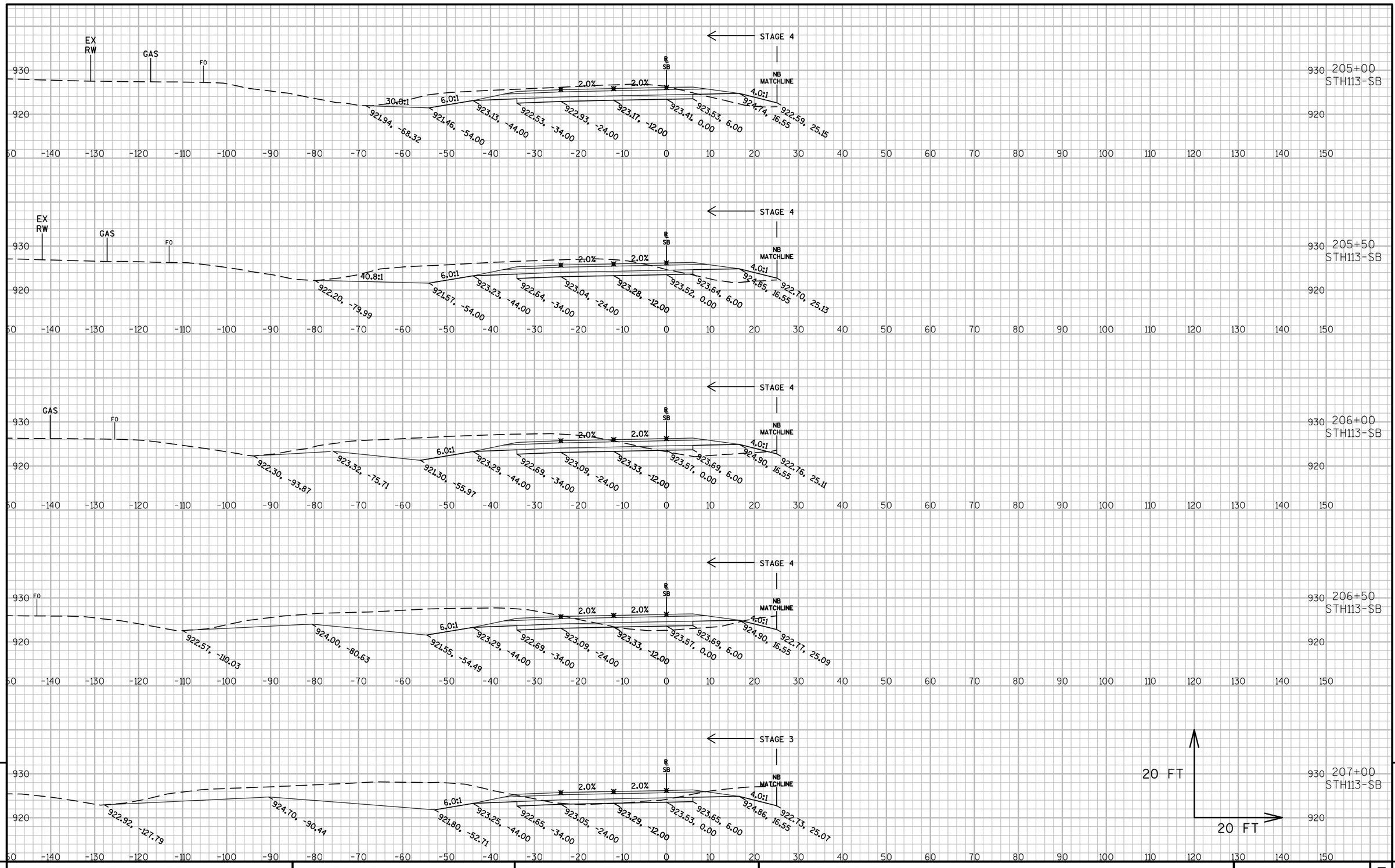
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

PRE_211

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (3)

PLOT DATE : 6/27/2016 4:17 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

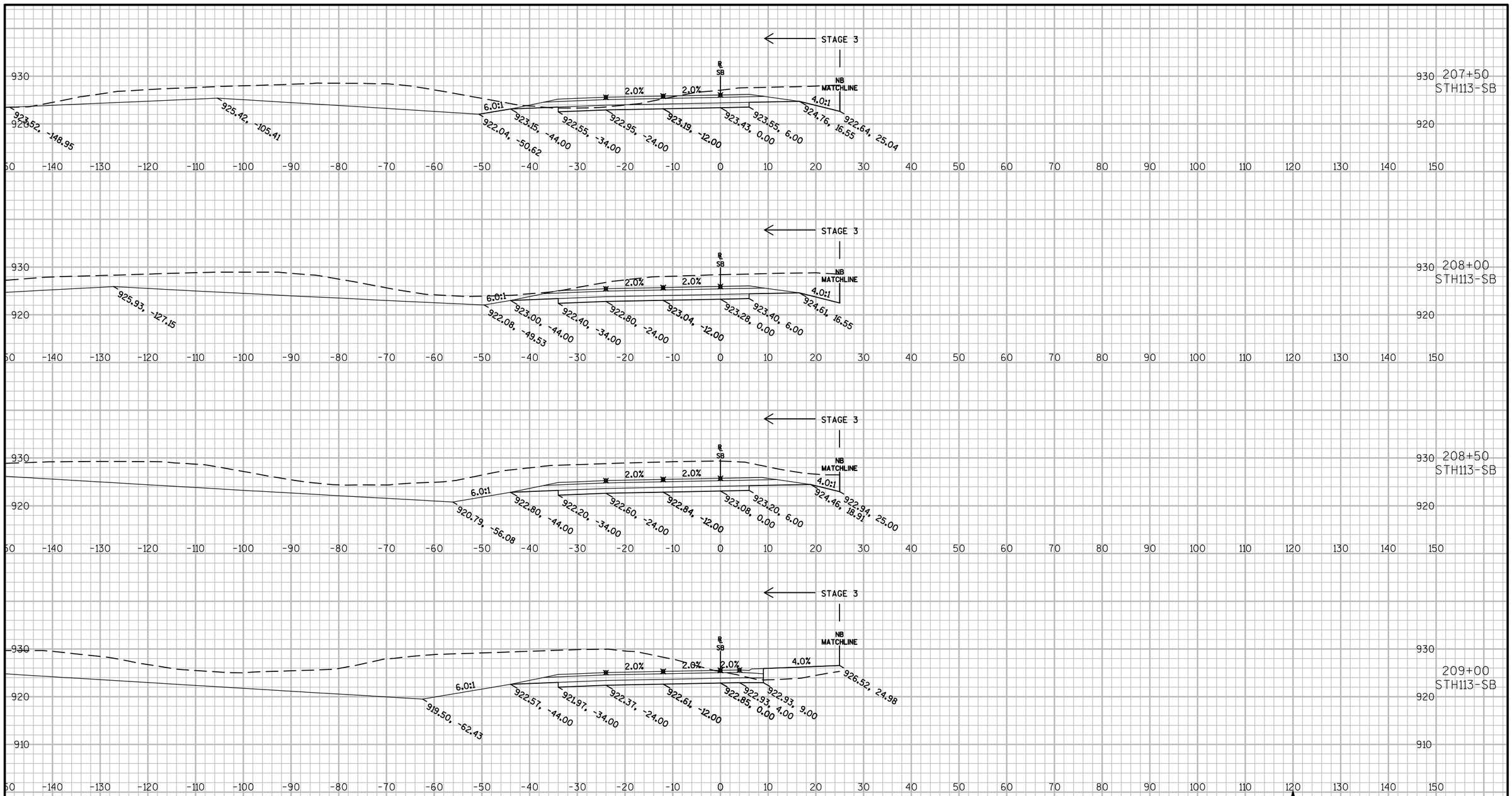
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

PRE_212

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (4)

PLOT DATE : 6/27/2016 4:17 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



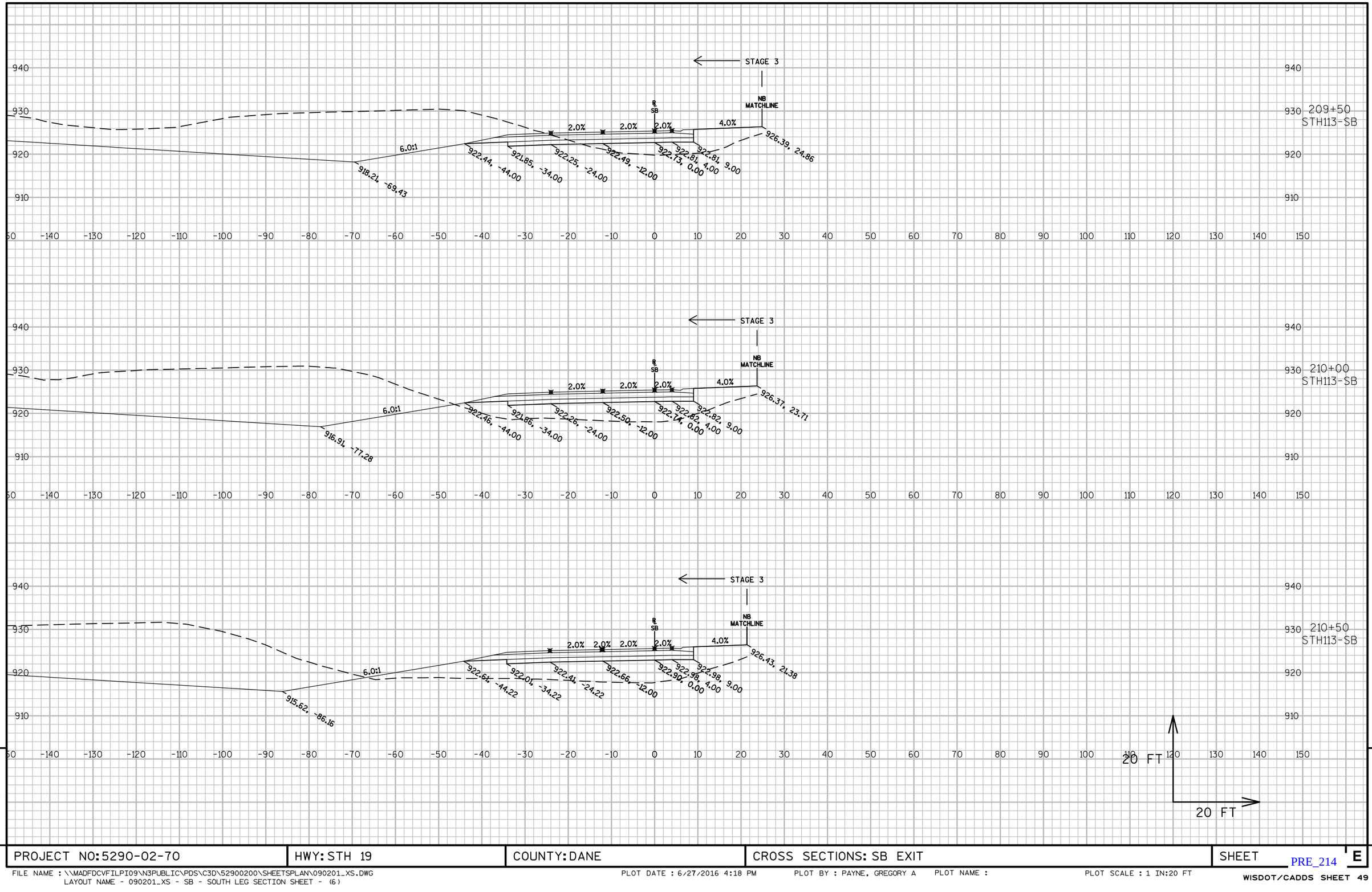
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

PRE_213

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (5)

PLOT DATE : 6/27/2016 4:17 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

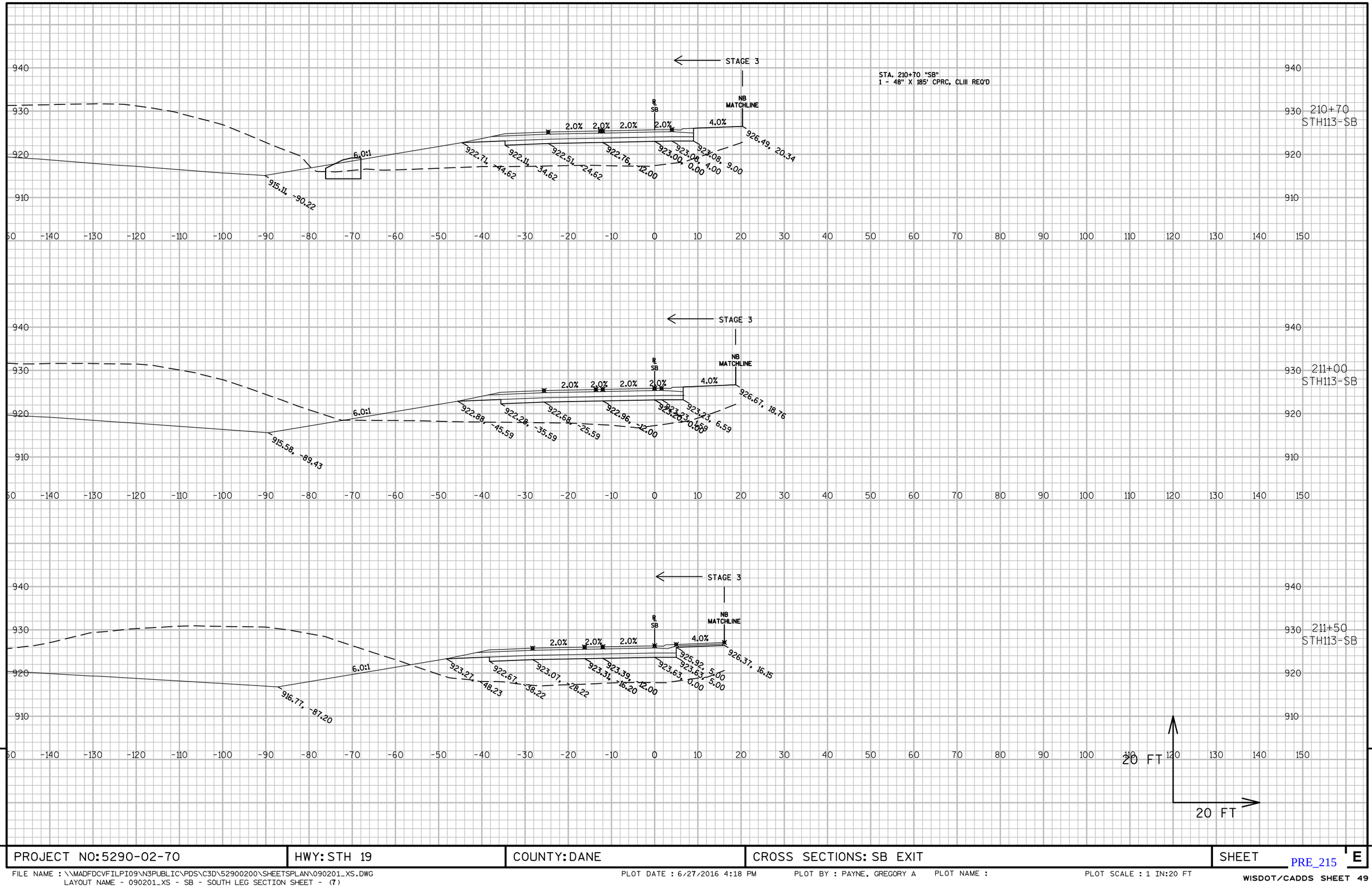
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

PRE_214

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (6)

PLOT DATE : 6/27/2016 4:18 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



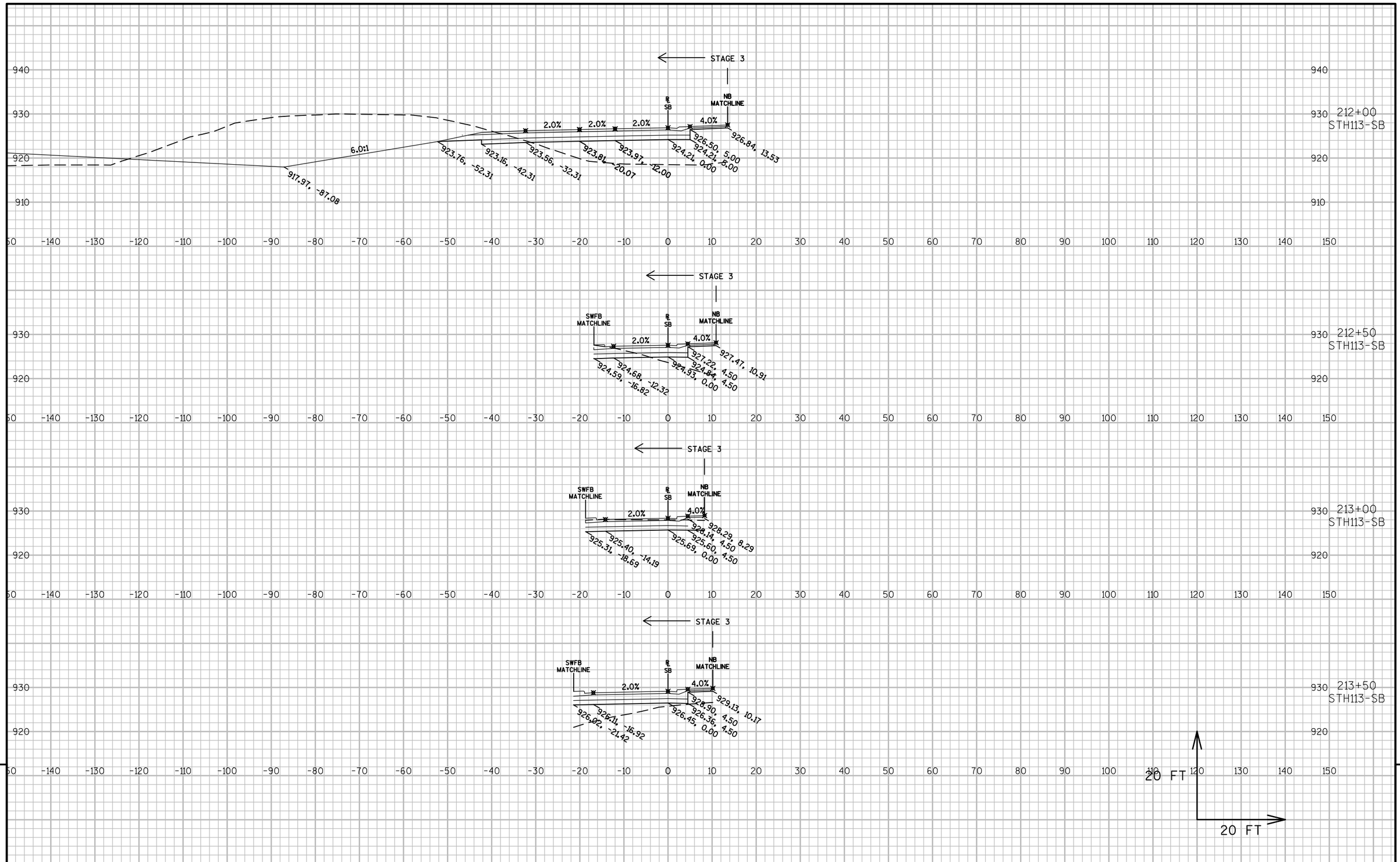
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

PRE_215

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (7)

PLOT DATE : 6/27/2016 4:18 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

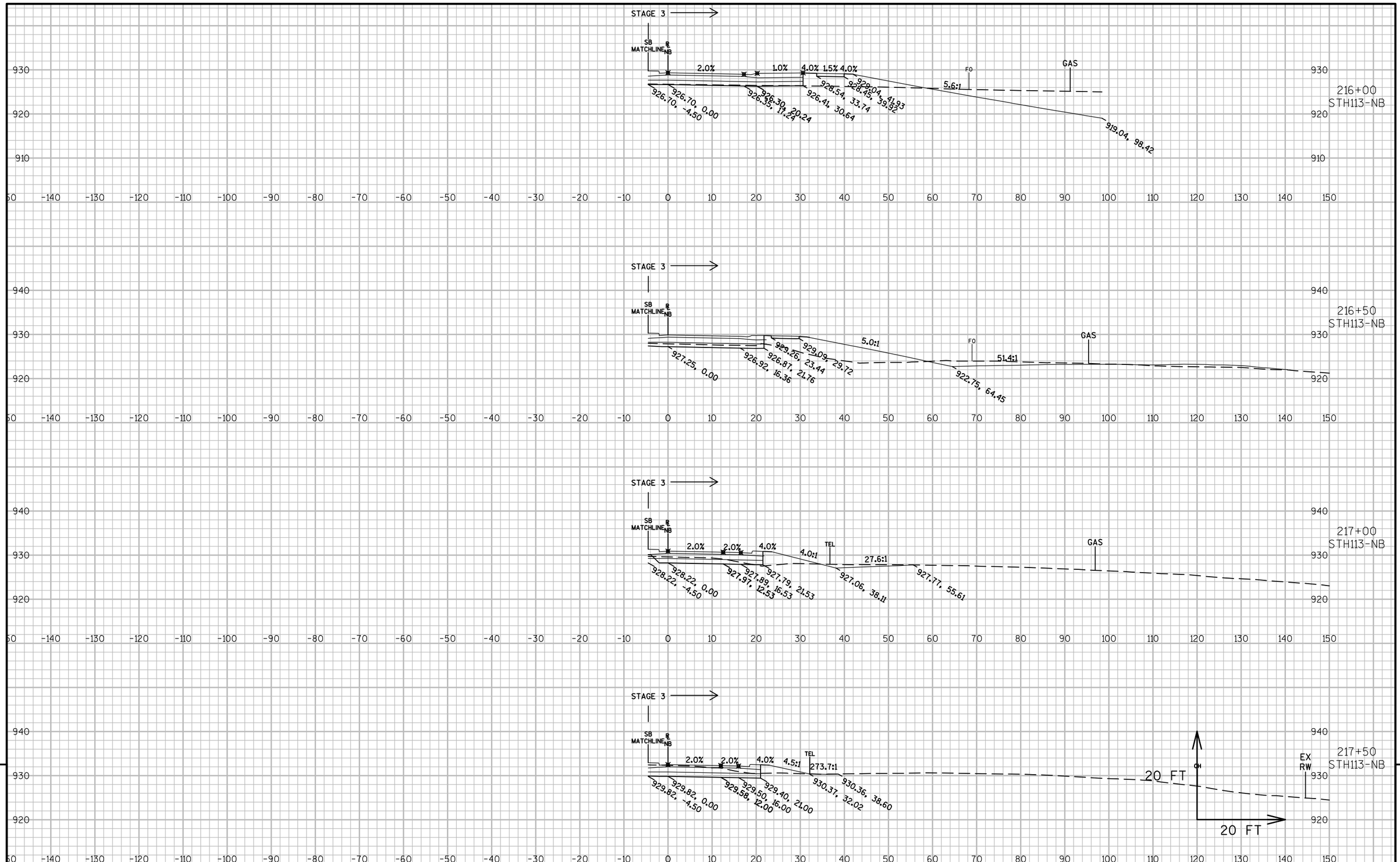
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB EXIT	SHEET E

PRE_216

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - SOUTH LEG SECTION SHEET - (8)

PLOT DATE : 6/27/2016 4:19 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

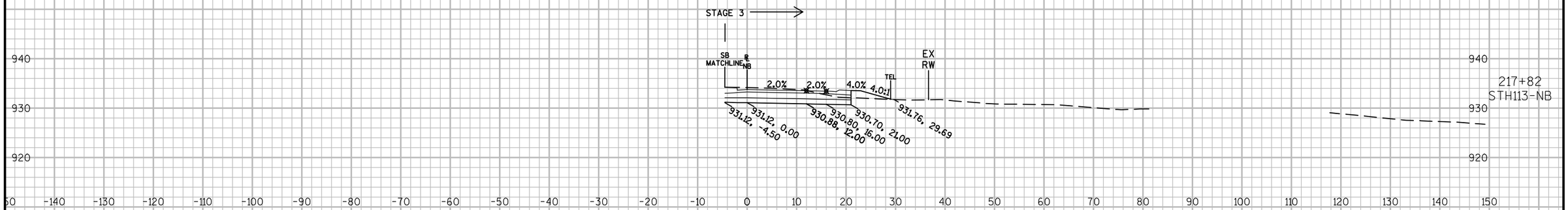
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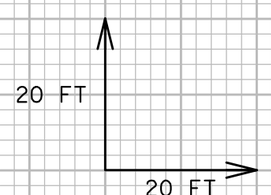
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB EXIT	SHEET E

PRE_217

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - NORTH SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:19 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT





9

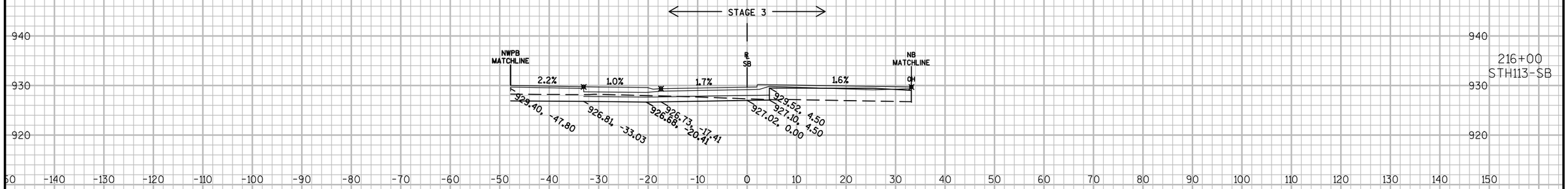
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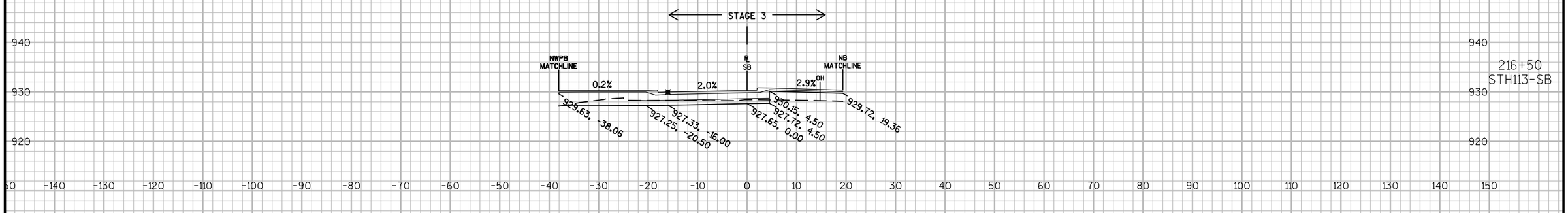
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NB EXIT	SHEET E

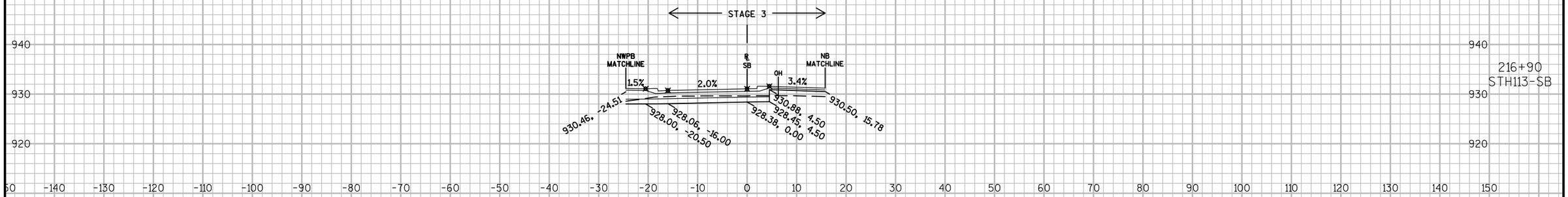
PRE_218

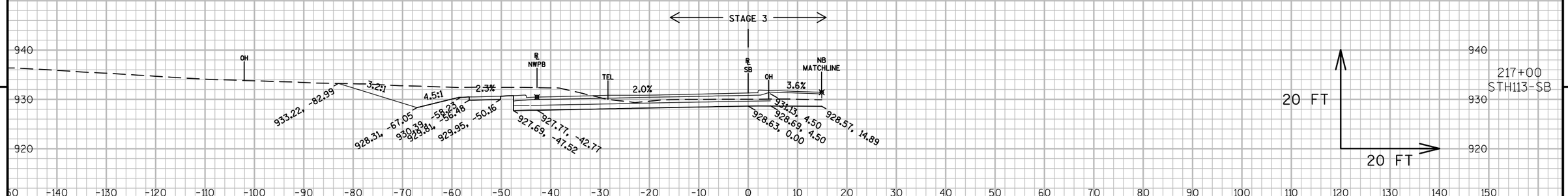
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NB - NORTH SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:20 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT









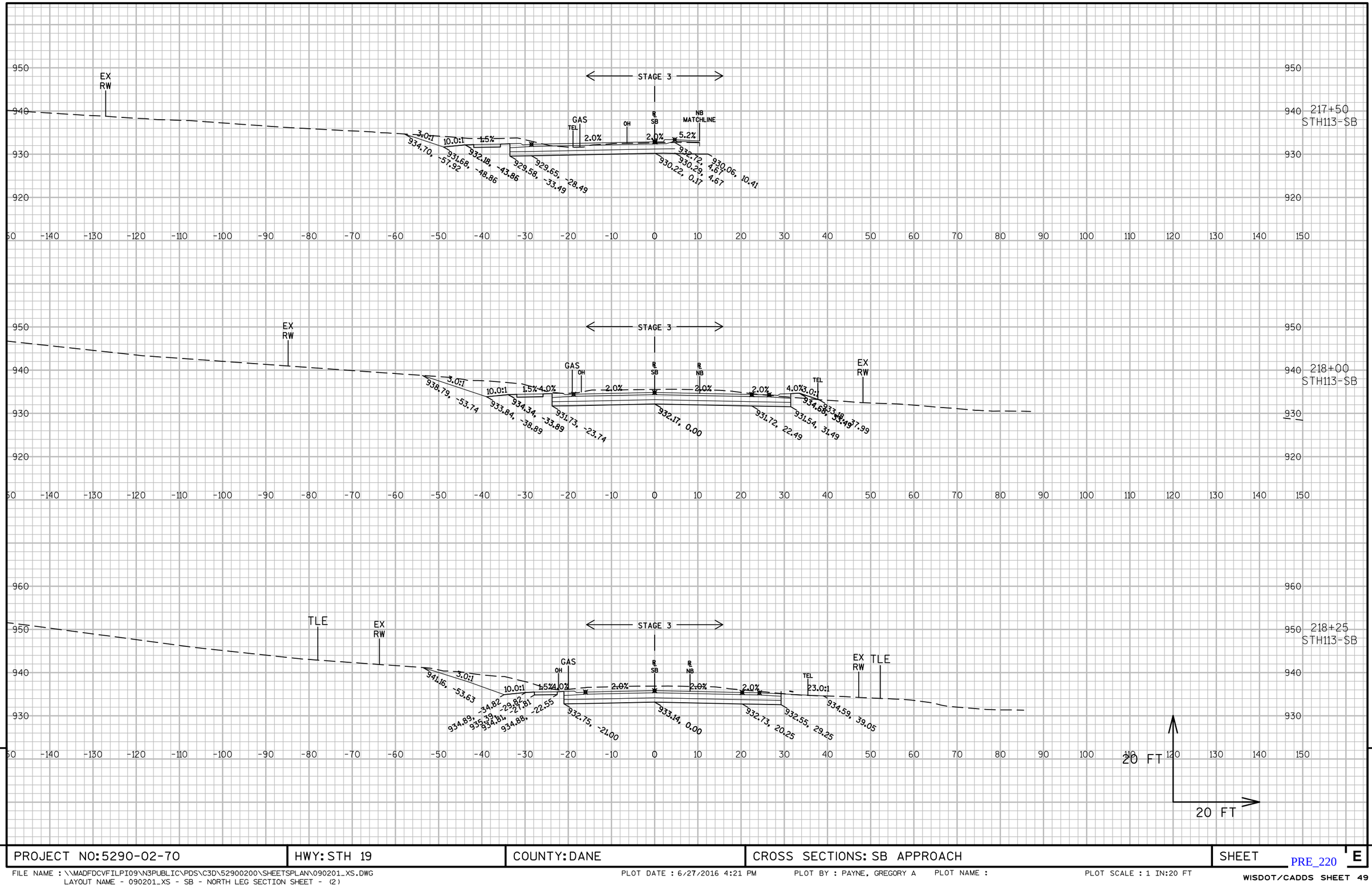
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9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB APPROACH	SHEET E

PRE_219

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - NORTH LEG SECTION SHEET - (1)
PLOT DATE : 6/27/2016 4:20 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

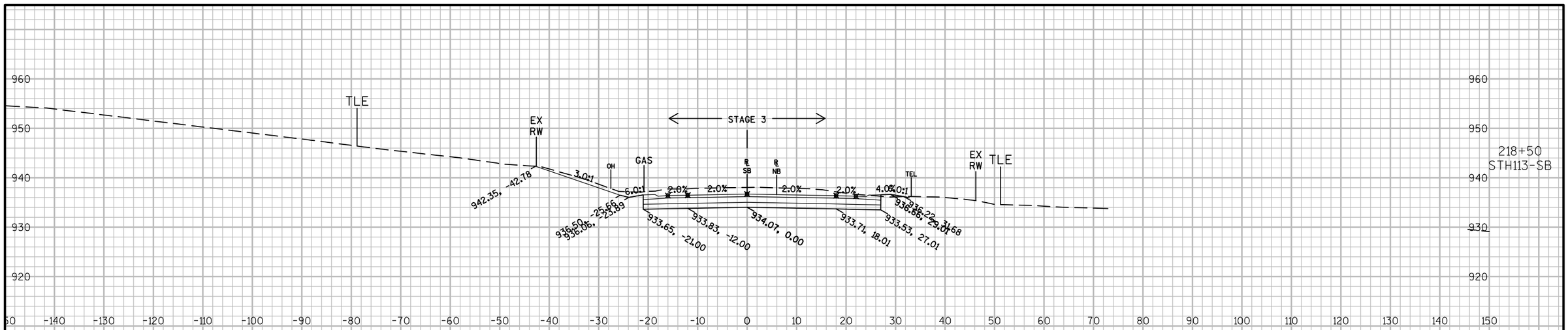


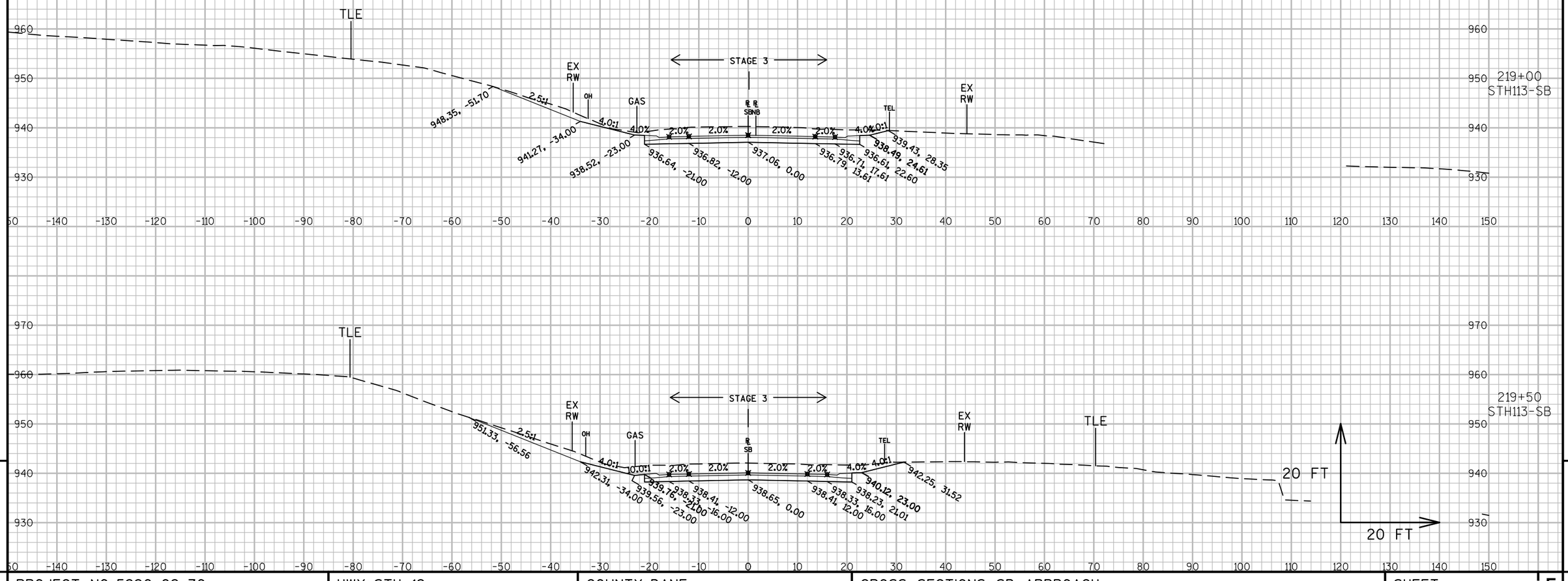
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB APPROACH	SHEET E

PRE_220

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - NORTH LEG SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:21 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT





9

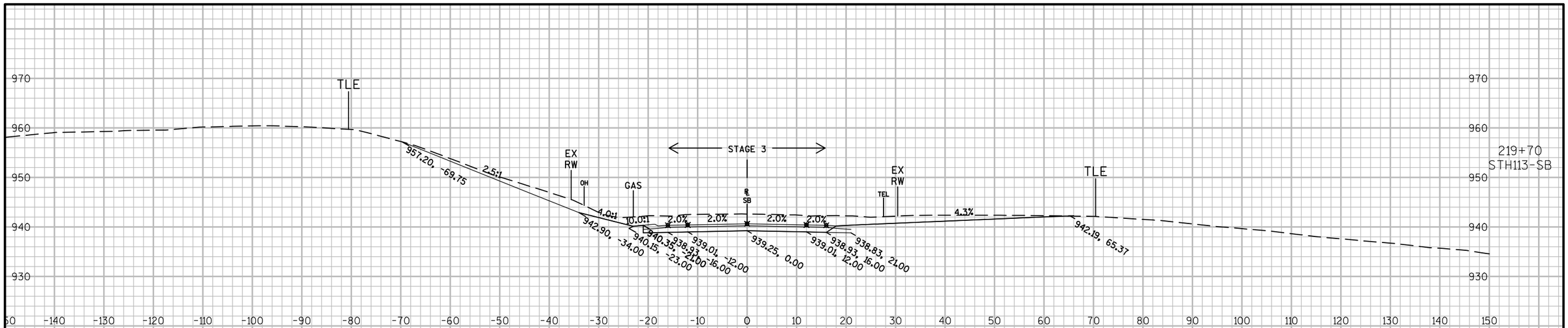
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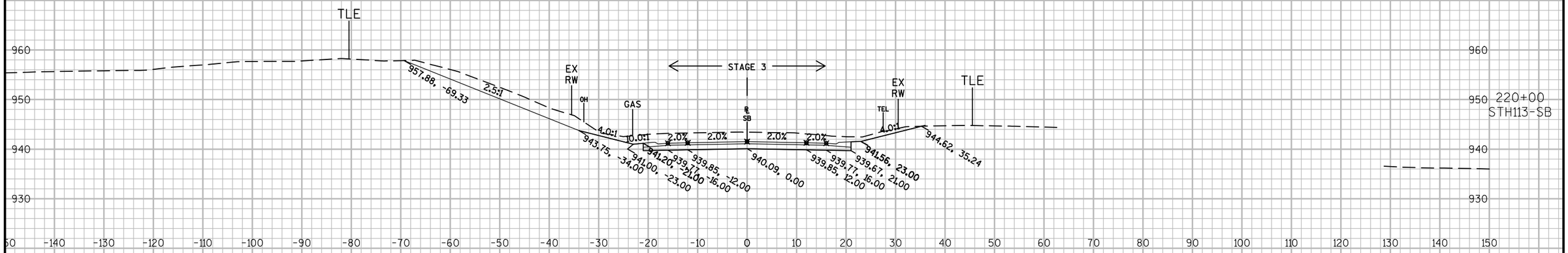
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB APPROACH	SHEET E

PRE_221

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - NORTH LEG SECTION SHEET - (3)

PLOT DATE : 6/27/2016 4:21 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT





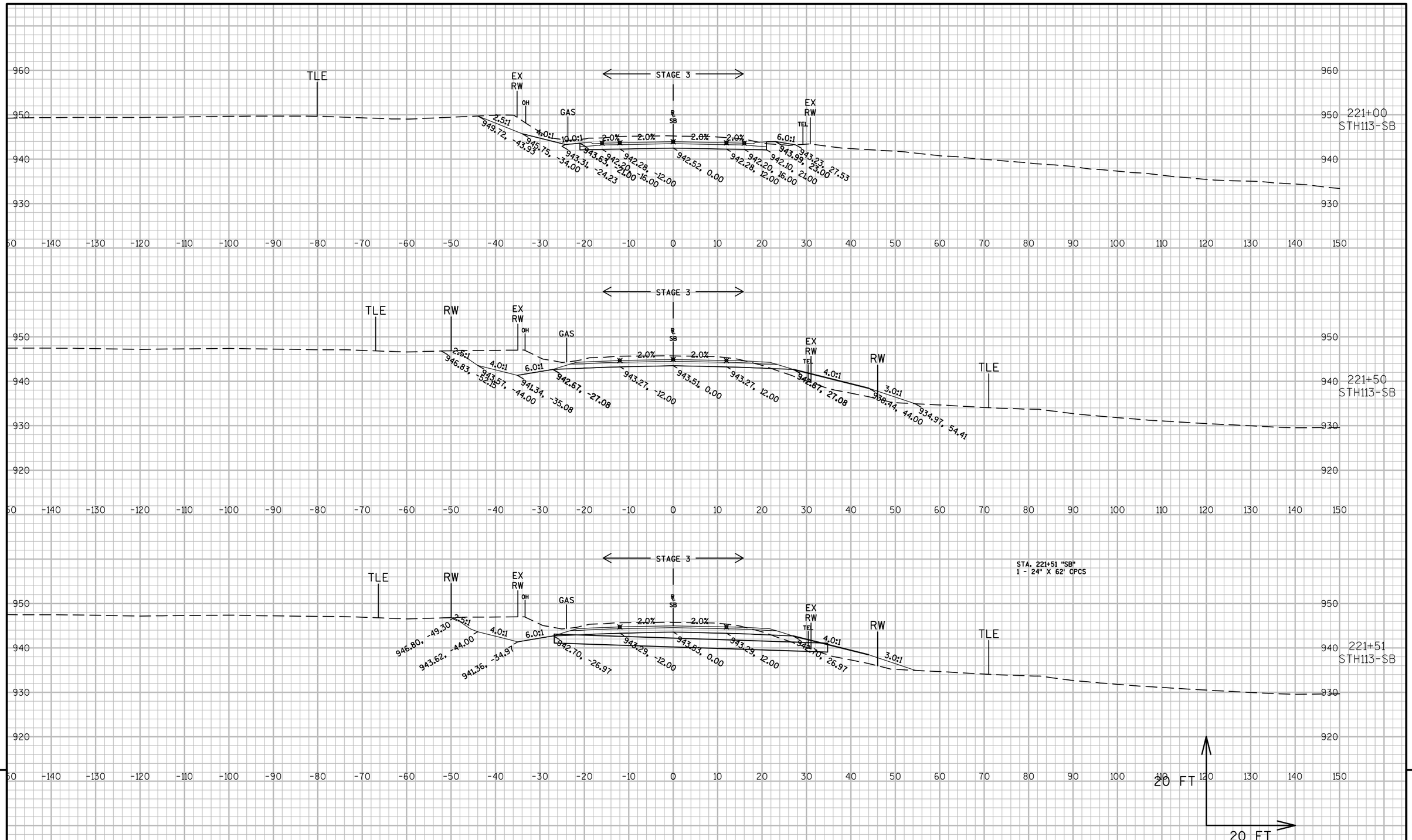
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9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB APPROACH	SHEET E

PRE_222

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - NORTH LEG SECTION SHEET - (4)
PLOT DATE : 6/27/2016 4:22 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49



9

9

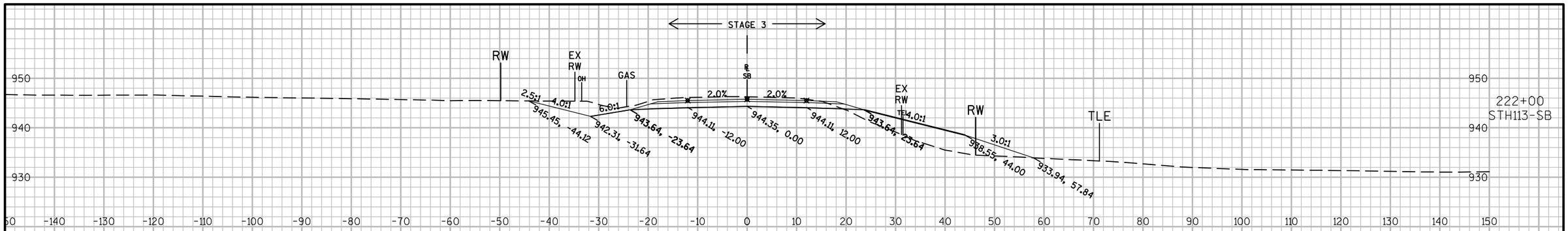
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB APPROACH	SHEET E

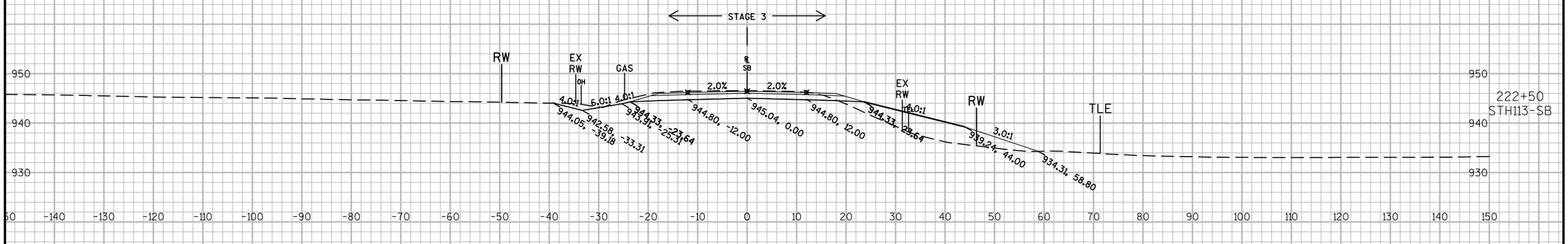
PRE_223

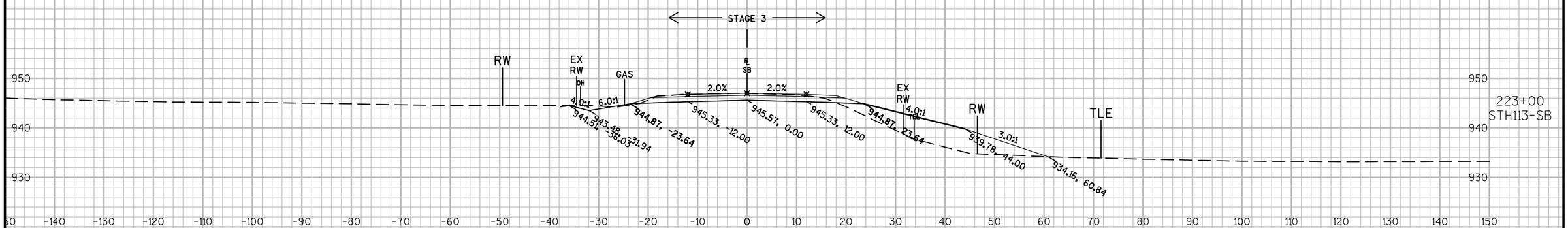
FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - NORTH LEG SECTION SHEET - (5)

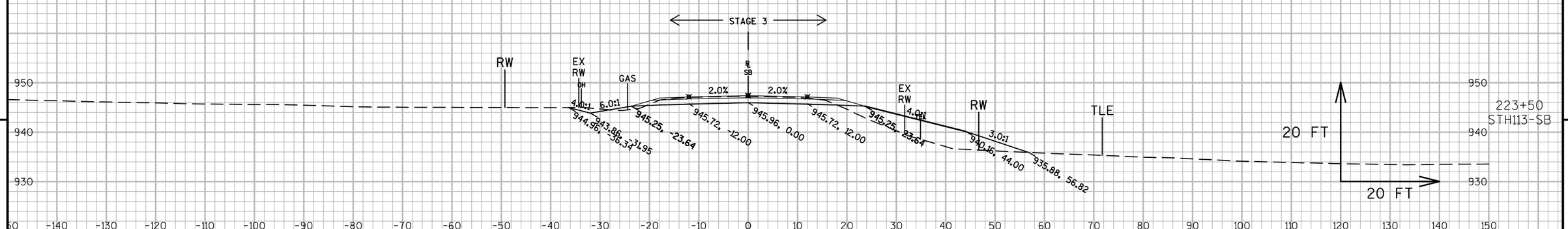
PLOT DATE : 6/27/2016 4:22 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49









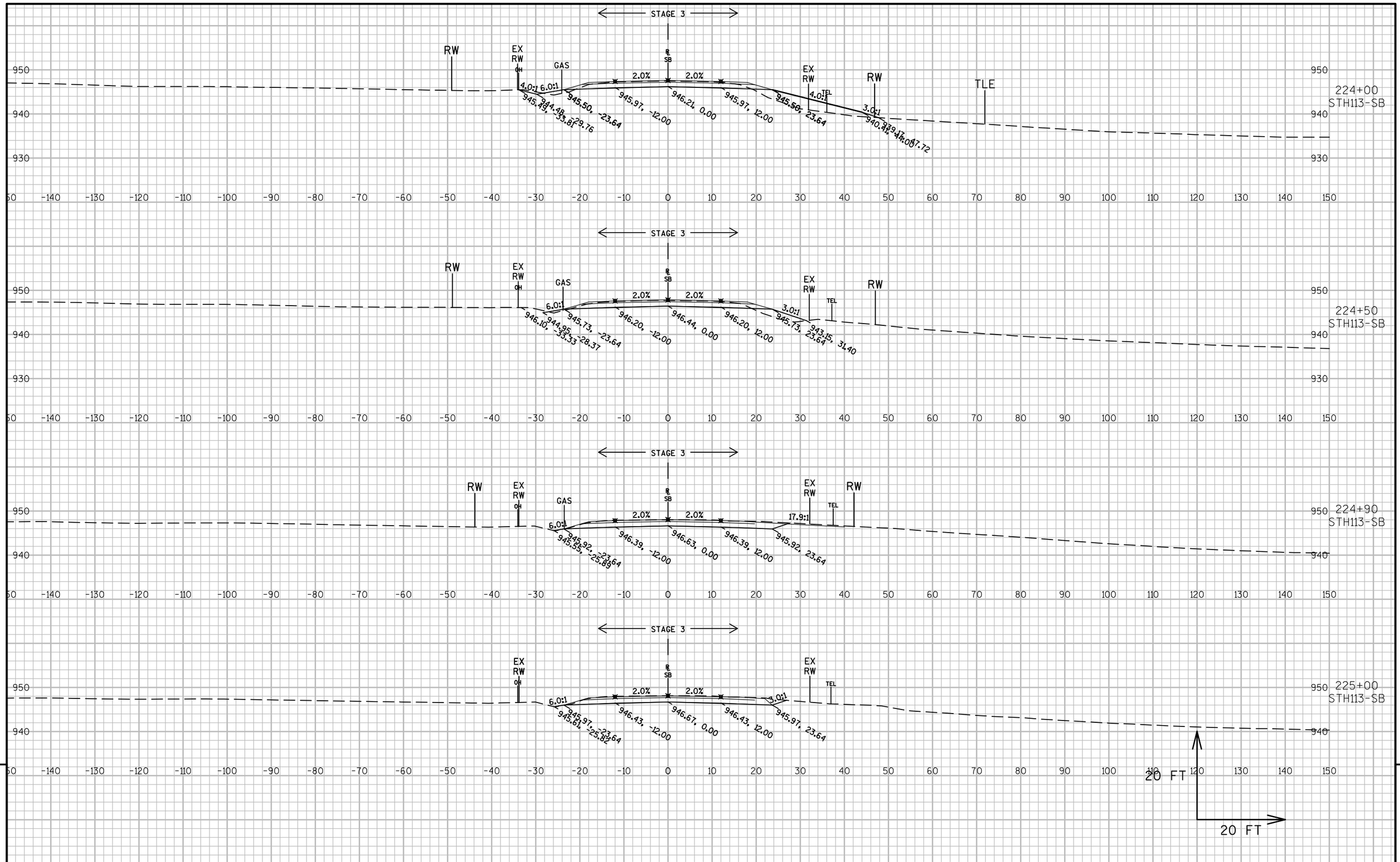
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PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB APPROACH	SHEET E

PRE_224

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - NORTH LEG SECTION SHEET - (6)

PLOT DATE : 6/27/2016 4:23 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

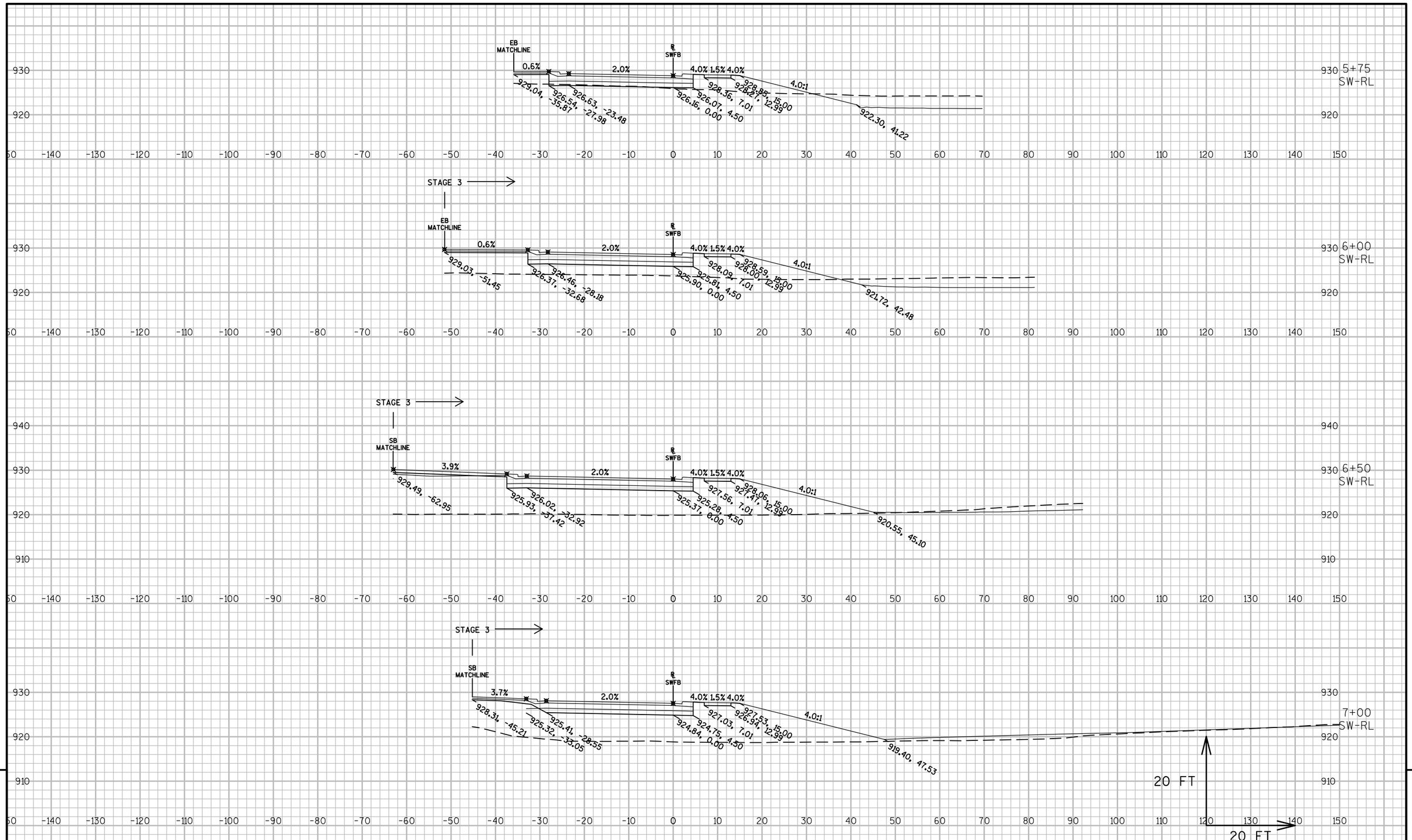
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SB APPROACH	SHEET E

PRE_225

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SB - NORTH LEG SECTION SHEET - (7)

PLOT DATE : 6/27/2016 4:23 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

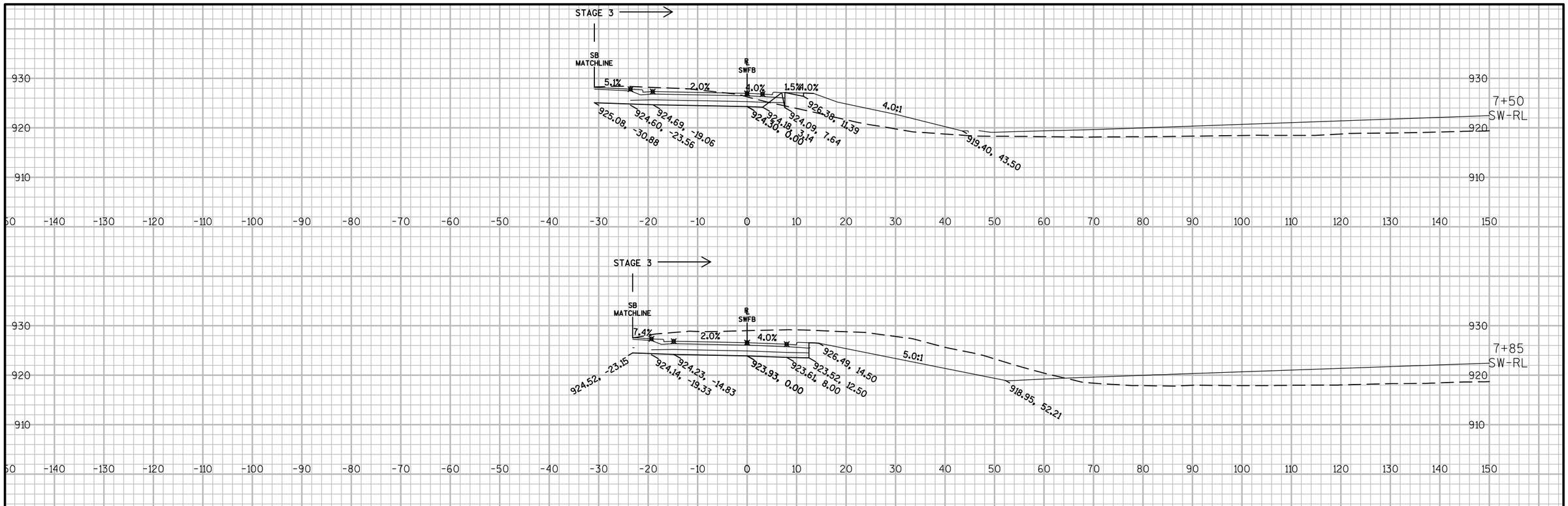


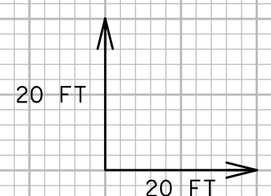
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SW FULL BYPASS	SHEET E

PRE_226

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SW BYPASS SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT





9

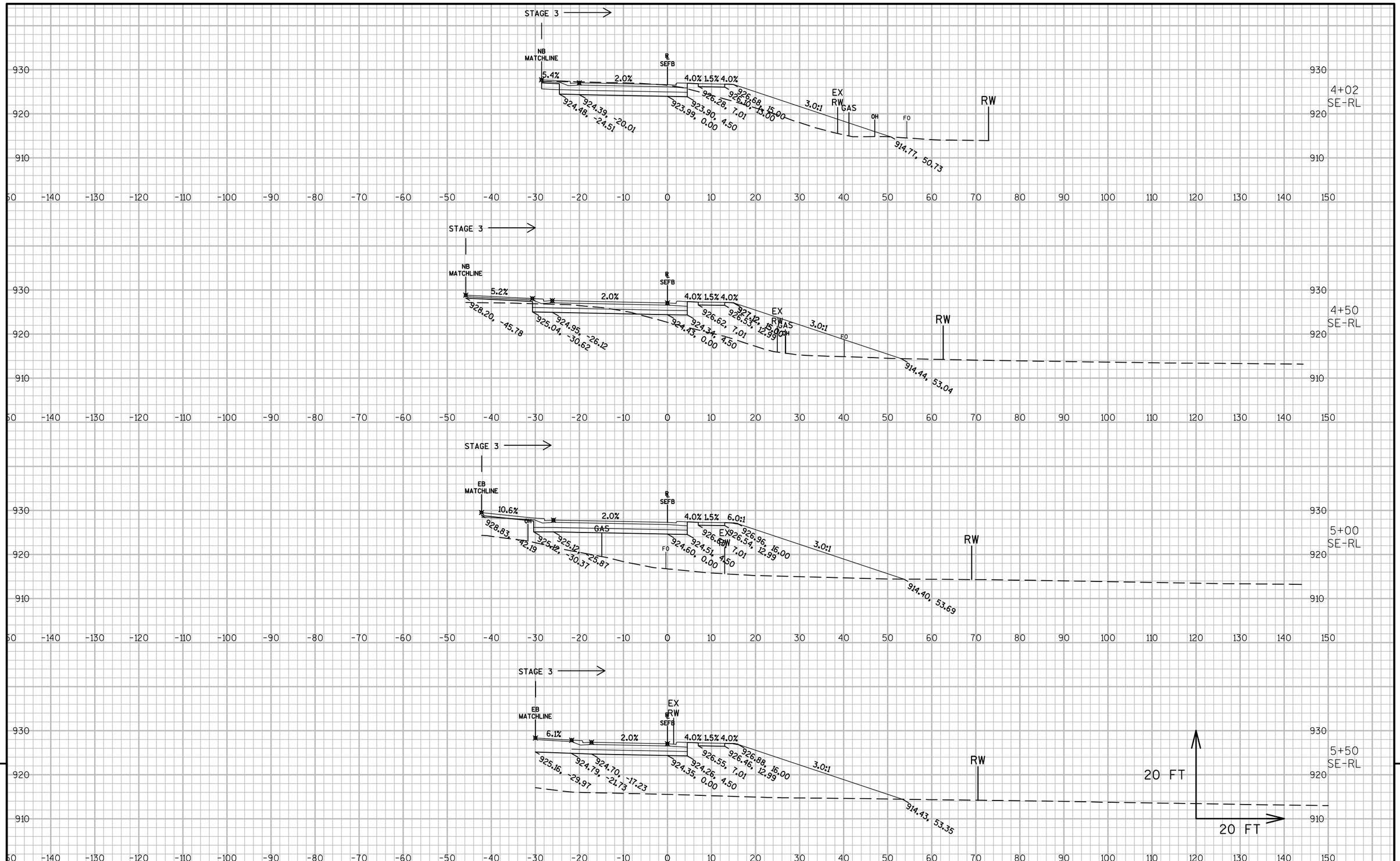
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SW FULL BYPASS	SHEET E

PRE_227

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SW BYPASS SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:24 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

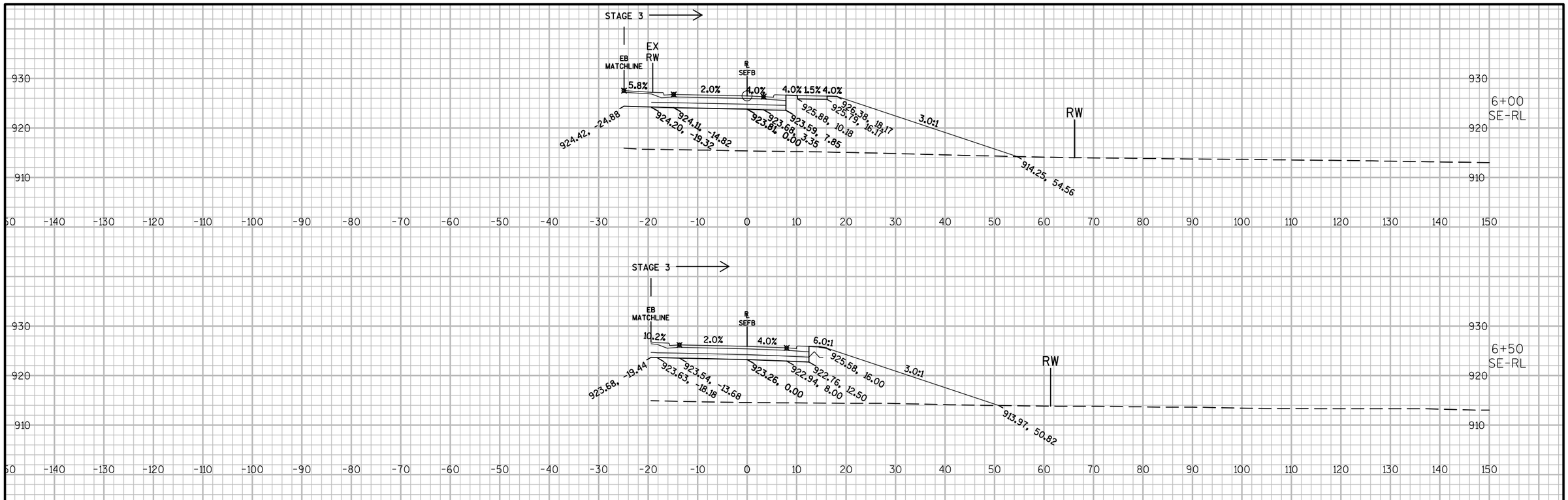
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SE FULL BYPASS	SHEET E

PRE_228

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SE BYPASS SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:25 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

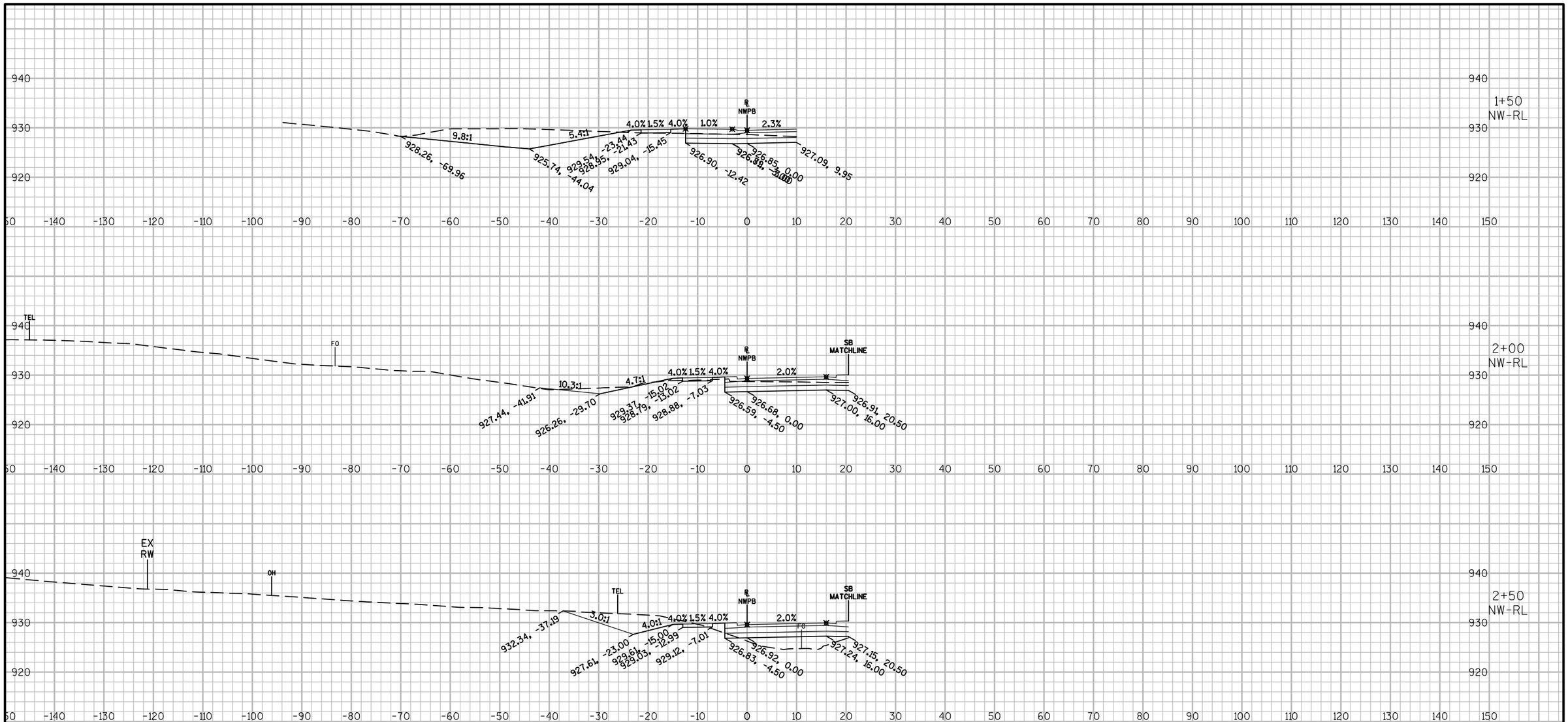
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: SE FULL BYPASS	SHEET E

PRE_229

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - SE BYPASS SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:25 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

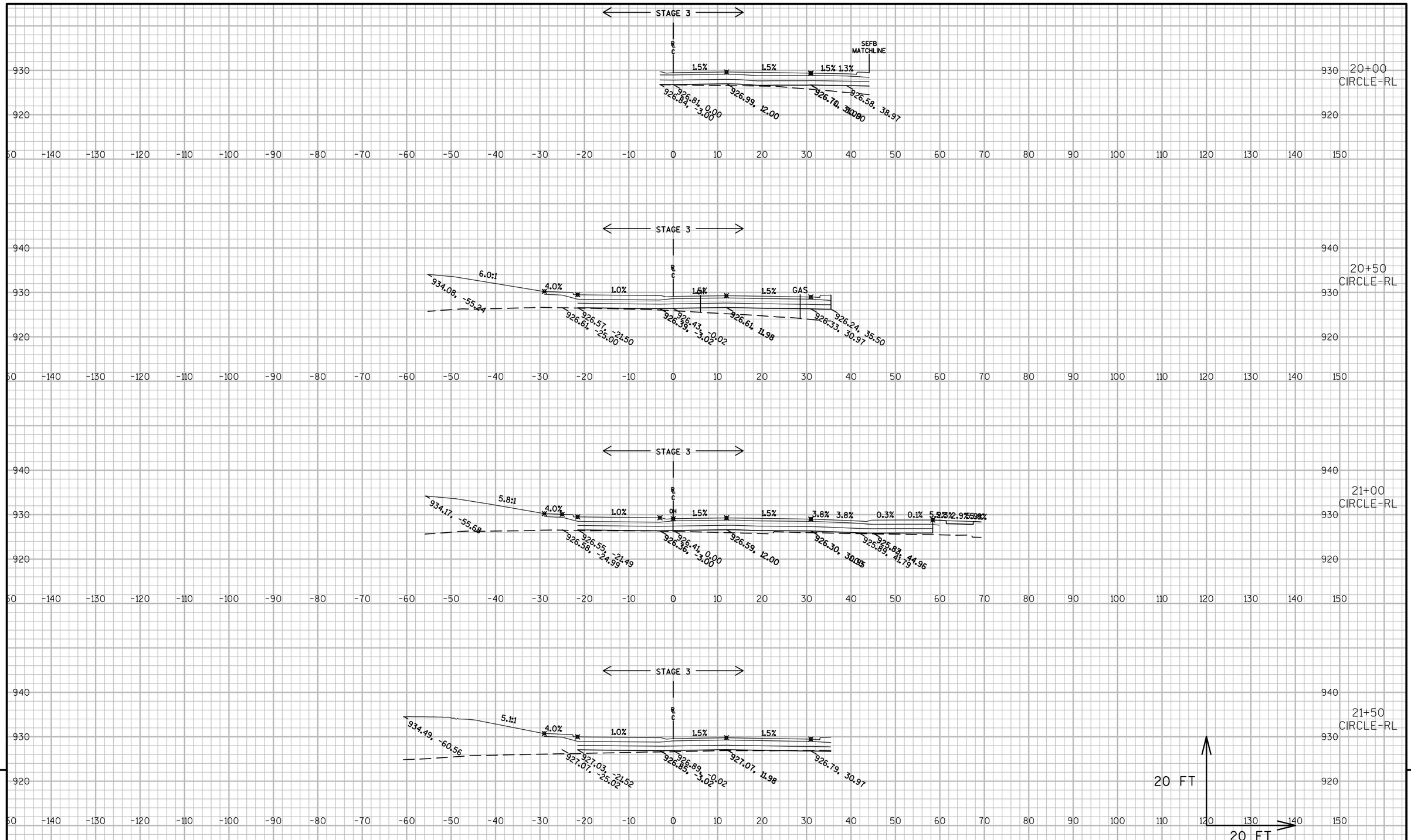
9

PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: NW PARTIAL BYPASS	SHEET E

PRE_230

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - NW PARTIAL BYPASS SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:25 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT



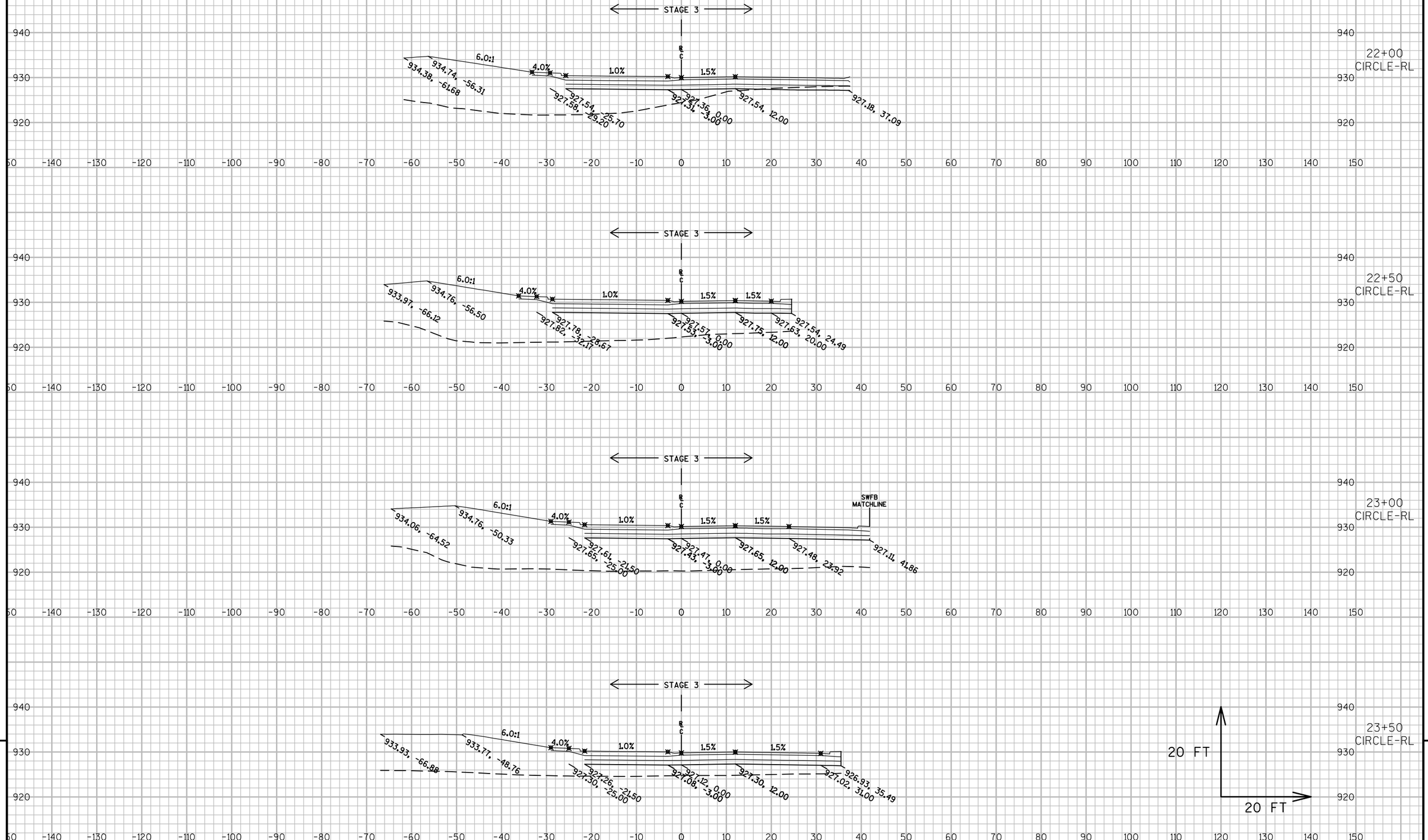
PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: CIRCLE	SHEET E

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - CIRCLE SECTION SHEET - (1)

PLOT DATE : 6/27/2016 4:26 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

PRE_231

WISDOT/CADDS SHEET 49



PROJECT NO: 5290-02-70	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: CIRCLE	SHEET E

PRE_232

FILE NAME : \\MADFDCVFILPI09\N3PUBLIC\PDS\C3D\52900200\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_XS - CIRCLE SECTION SHEET - (2)

PLOT DATE : 6/27/2016 4:26 PM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISCONSIN DEPARTMENT OF TRANSPORTATION

EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a “PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

a. With the plan open in Acrobat, select Document > Insert Pages.
b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
c. In the Insert dialog box, choose After for Location and Last page for Page.
d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

a. Go to the last sheet of the plan.
b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match te page number in the Acrobat Status bar).

3. Re-Save the PDF

a. Select File > Save As and save the PDF.

Place Preliminary Sheet Numbers

TO REMOVE PRELIMINARY SHEET NUMBERS

Remove