PROJECT ID: 1540-04-73
WITH:

COUNTY: ST. CROIX

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plans)
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)	=	12,600
A.A.D.T. (2038)	=	18,300
D.H.V.	=	2160
D.D.	=	58/42
T.	=	5.4%
DESIGN SPEED	=	50 MPH
ESALS (RIDGED)	=	9,482,700
ESALS (FLEXIBLE)	=	6,168,500

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

RIVER FALLS–NEW RICHMOND

(STH 65 EXPANSION/70TH AVENUE INTERSECTION)

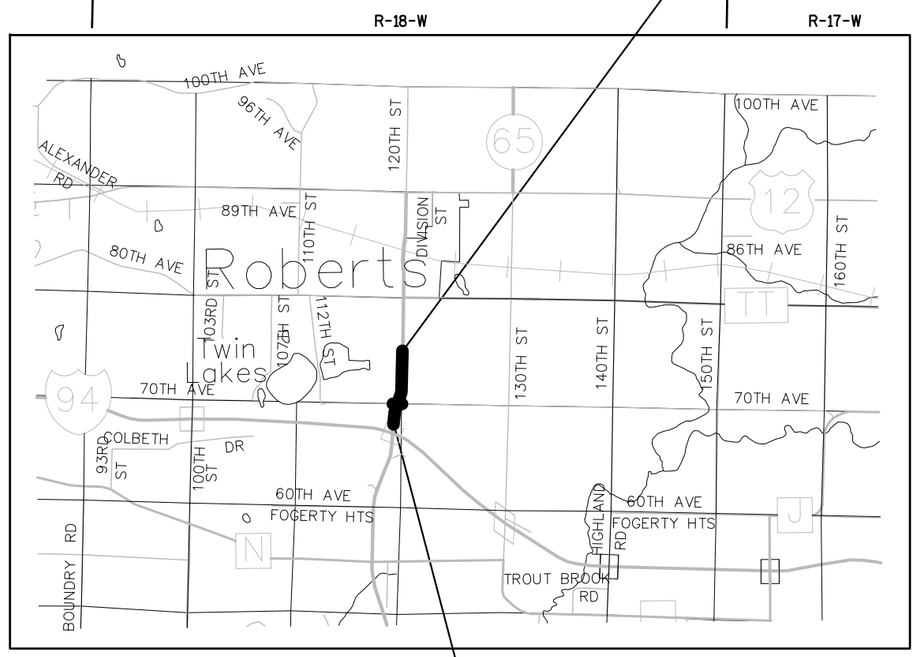
STH 65

ST. CROIX COUNTY

STATE PROJECT NUMBER
1540–04–73

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1540-04-73		

END PROJECT 1540-04-73
STA. 82+70



BEGIN PROJECT 1540-04-73
STA. 55+35
X = 337163.5313
Y = 562159.7769

LAYOUT
SCALE 0 1.0 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.518 MI.

Coordinates on this plan are referenced to the Wisconsin County Coordinate System (WCCS), St. Croix County, Nad 83 (1991) Vertical Datum based on USGS (NAVD 88)

ORIGINAL PLANS PREPARED BY
KL Engineering
[A] Better Experience

(DATE) (SIGNATURE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	KL ENGINEERING, INC.
Designer	KL ENGINEERING, INC.
Project Manager	MATTHEW PFEIFER, P.E.
Regional Examiner	CHRISTINE KOSKI
Regional Supervisor	TIMOTHY MASON
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: (Signature)

E

DIGGERS HOTLINE

Dial 811 or (800) 242-8511

www.DiggersHotline.com

UTILITY CONTACTS

BALDWIN TELECOM, INC.
KEN CARLSRUD
930 MAPLE STREET
BALDWIN, WI 54002
(715) 684-3346

MIDWEST NATURAL GAS INCORPORATED
RANDY RISEN
3600 STH 157
PO BOX 429
LA CROSSE, WI 54602
(608) 781-1011
RANDYR@MIDWESTNATURALGAS.COM

CENTURY LINK COMMUNICATIONS
KIRK THOELKE
11111 DORSETT ROAD
MARYLAND HEIGHTS, MO 63043
(636) 887-4752
KIRK.THOELKE@CENTURYLINK.COM

WISDOT- ITS
JEFF MADSON
433 W. ST. PAUL AVE. #300
MILWAUKEE, WI 53203
(414) 225-3723
JEFFREY.MADSON@DOT.WI.GOV

VILLAGE OF ROBERTS
JOHN BOND, DIRECTOR OF PUBLIC WORKS
107 E MAPLE STREET
ROBERTS, WI 54023
(715) 760-1312

ST CROIX ELECTRIC COOPERATIVE
ROB DOOLEY
1925 RIDGEWAY STREET
PO BOX 108
HAMMOND, WI 54015
(715) 796-7000
ROBDOO@SCECNET.NET

AT&T WISCONSIN
RICK PODOLAK
304 S DEWEY STREET
EAU CLAIRE, WI 54701
(715) 839-5565
RP4514@ATT.COM

WISDOT ELECTRICAL
STEVEN BACHMAN
718 W. CLAIRMONT STREET
EAU CLAIRE, WI 54701
(715) 836-7274
STEVEN.BACHMAN@DOT.WI.GOV

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
PAVING GRADES
EROSION CONTROL PLAN
TRAFFIC CONTROL PLAN
TRAFFIC CONTROL DETOUR PLAN
ALIGNMENT DIAGRAM
REMOVAL PLAN
STORM SEWER PLAN
SIGNING REMOVAL PLAN
PERMANENT SIGNING AND FENCING PLAN
PAVEMENT MARKING PLAN
STREET LIGHTING PLAN
TRAFFIC SIGNAL REMOVAL PLAN
TEMPORARY TRAFFIC SIGNAL PLAN
TRAFFIC SIGNAL PLAN
ITS PLAN

ALIGNMENT IDENTIFIERS

N	STH 65 NORTHTBOUND
S	STH 65 SOUTHBOUND
E	70TH AVE EASTBOUND
W	70TH AVE WESTBOUND
P	PARK-N-RIDE
T	TEMPORARY ROAD

DNR AREA LIAISON

CHRIS WILLGER
DEPARTMENT OF NATURAL RESOURCES
1300 W CLAIRMONT STREET
EAU CLAIRE, WI 54702
(715) 839-1609
CHRISTOPHERJ.WILLGER@WISCONSIN.GOV

ABBREVIATIONS

AEW	APRON ENDWALL
AGG	AGGREGATE
ASPH	ASPHALT
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CMCP	CULVERT PIPE CORRUGATED METAL
CONC	CONCRETE
CP	CULVERT PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CY	CUBIC YARD
D	DEGREE OF CURVE
Δ	DELTA
EAT	ENERGY ABSORBING TERMINAL
FE	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PLE	PERMANENT LIMITED EASEMENT
PRW	PROPOSE RIGHT-OF-WAY
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RRSP	RAILROAD SPIKE
RT	RIGHT
SALV	SALVAGED
SAPBC	SALVAGED ASPHALTIC PAVEMENT BASE COURSE
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWINGS
SE	SUPER ELEVATION
SF	SQUARE FOOT
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT

DESIGN CONTACTS

WISDOT PROJECT MANAGER
MATT PFEIFER, P.E.
WISDOT NORTHWEST REGION (EAU CLAIRE)
718 W. CLAIRMONT STREET
EAU CLAIRE, WI 54701
(715) 855-7667
MATTHEW.PFEIFER@DOT.WI.GOV

WISDOT ELECTRICAL UNIT
DAVID FENSKE
WISDOT NORTHWEST REGION (EAU CLAIRE)
718 W. CLAIRMONT STREET
EAU CLAIRE, WI 54701
(715) 836-2800
DAVID.FENSKE@DOT.WI.GOV

CONSULTANT
MIKE SCARMON, P.E.
KL ENGINEERING, INC.
5950 SEMINOLE CENTRE COURT, SUITE 200
MADISON, WI 53711
(608) 663-1218
MSCARMON@KLENGINEERING.COM

GENERAL NOTES

THE CONTRACTOR SHALL CONTACT THE UTILITIES AND DIGGERS HOTLINE TO LOCATE AND FIELD VERIFY UTILITIES PRIOR TO THE START OF WORK. THE LOCATIONS 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. ANY LOCAL, MUNICIPAL OR OTHER UTILITY THAT IS NOT A MEMBER OF DIGGERS HOTLINE SHALL BE CONTACTED SEPARATELY.

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

RIGHT OF WAY LINES SHOWN ON THE CROSS SECTIONS ARE APPROXIMATE.

PROTECT INLETS WITH PROPER INLET PROTECTION AT LOCATIONS EXHIBITING RISK OF BEING IMPACTED BY CONSTRUCTION OPERATIONS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATIONS OF PRIVATE ENTRANCES ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAYS ARE TO BE REPLACED IN KIND UNLESS OTHERWISE DIRECTED BY THE ENGINEER, OR AS SHOWN ON THE PLANS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY ANY OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT THE CONTRACTORS EXPENSE.

PLACE SALVAGED TOPSOIL IN ALL GRADED AREAS AS DESIGNATED BY THE ENGINEER IMMEDIATELY AFTER GRADING HAS BEEN COMPLETED. SEED, MULCH AND FERTILIZE OR SOD AND FERTILIZE ALL AREAS 5 DAYS AFTER PLACEMENT OF SALVAGED TOPSOIL.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS, FLOODWAY OR FLOODPLAIN OF ANY WATERWAY.

CURB AND GUTTER GRADES AND LAYOUT DATA ARE GIVEN TO THE FLANGE OF THE CURB.

SAW CUT ASPHALTIC AND CONCRETE DRIVEWAYS AND/OR PARKING LOTS AT THE MATCH LINE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER

THE EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER.

EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.

ALL MANHOLE AND INLET OFFSETS ARE GIVEN TO THE CENTER OF THE STRUCTURE.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN AND PROVIDE DOCUMENTATION TO THE ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS. THIS ALSO INCLUDES VERIFICATION OF INVERT ELEVATIONS AT ALL PROPOSED STORM SEWER CONNECTION POINTS TO EXISTING SYSTEMS.

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

SIGNS IN CONFLICT WITH TRAFFIC CONTROL “IN USE” SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM “TRAFFIC CONTROL COVERING SIGNS TYPE 2.

BENCHMARK LOCATIONS SHOWN ON PLAN ARE APPROXIMATE AND SHOULD BE VERIFIED.

RUNOFF COEFFICENT 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	0.08 0.22	0.16 0.30	0.22 0.38	0.12 0.26	0.20 0.34	0.27 0.44	0.15 0.30	0.24 0.37	0.33 0.50	0.19 0.34	0.28 0.41	0.38 0.56
MEDIAN STRIP-TURB	0.19 0.24	0.20 0.26	0.24 0.30	0.19 0.25	0.22 0.28	0.26 0.33	0.20 0.26	0.23 0.30	0.30 0.37	0.20 0.27	0.25 0.32	0.30 0.40
SIDE SLOPE-TRUF			0.25 0.32			0.27 0.34			0.28 0.36			0.30 0.38
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 = 12.9 ACRES
TOTAL AREA EXPECTED TO BE DISTRIBUTED BY CONSTRUCTION ACTIVITIES = 24.8 ACRES

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	GENERAL NOTES	SHEET	E

FILE NAME: G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\GENERAL NOTES\15400473_gn.ppt ORIGINATOR: KL ENGINEERING, INC. ORIG. DATE: REV. DATE: PRINT DATE:

2

2

N

IH 94 WB ON-RAMP

IH 94 EB OFF-RAMP

70TH AVENUE

10E

15E

STA 15+37E
BEGIN CONSTRUCTION

TRAVEL PLAZA

40'N'

45'N'

50'N'

STH 65

55'N'

60'N'

65'N'

20E

DELINEATED WETLANDS

70'N'

75'N'

80'N'

85'N'

STH 65

PARK
& RIDE

R/W (TYP.)

TLE (TYP.)

WAGNER DRIVE

IH 94 EB ON-RAMP

IH 94 WB OFF-RAMP

STA 55+35N
BEGIN PROJECT

STA 82+70N
END PROJECT

STA 26+50E
END CONSTRUCTION

30E

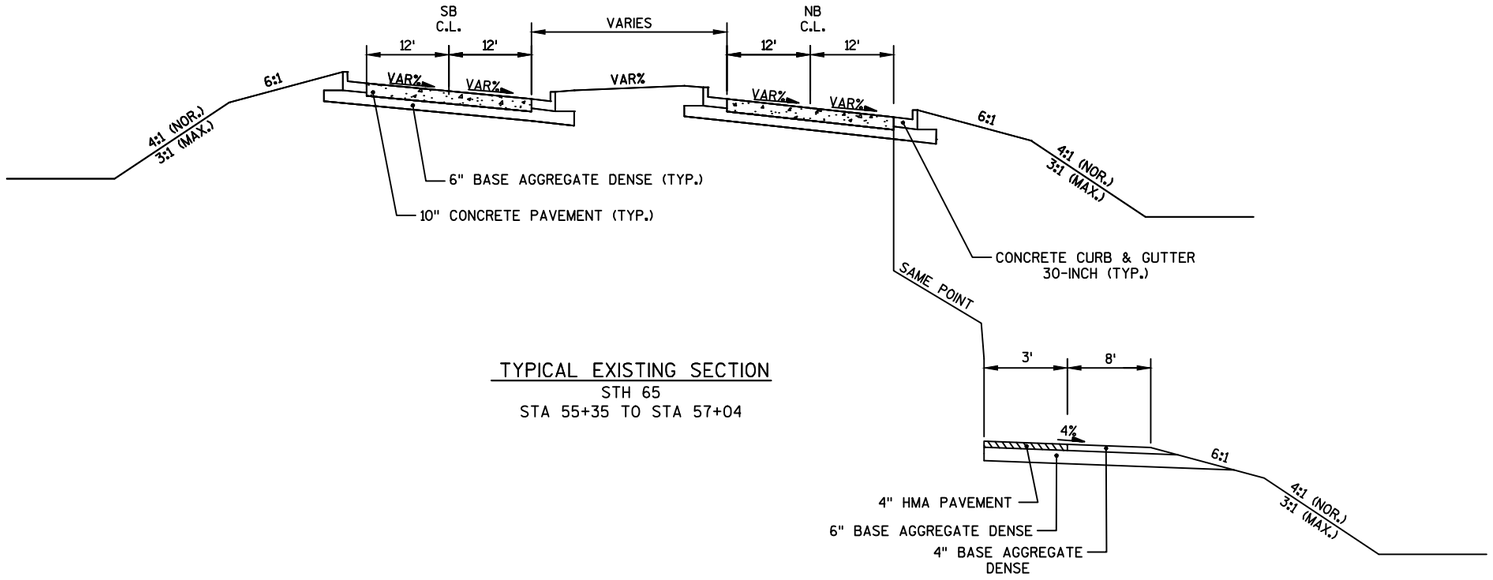
35E

70TH AVENUE

40E

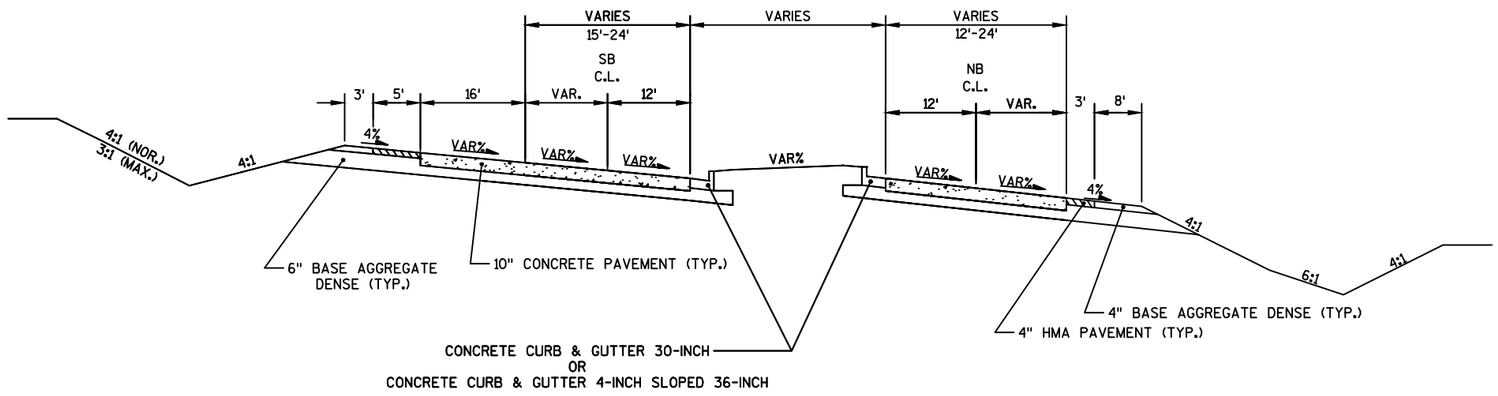
PRE-CAST CONCRETE
MANUFACTURING FACILITY

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PROJECT OVERVIEW	SHEET	E



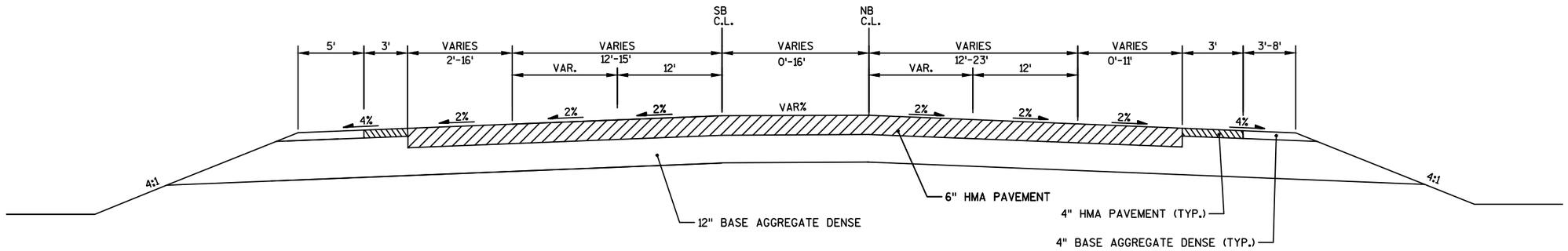
TYPICAL EXISTING SECTION
STH 65
STA 55+35 TO STA 57+04

STA 56+33 TO STA 57+04

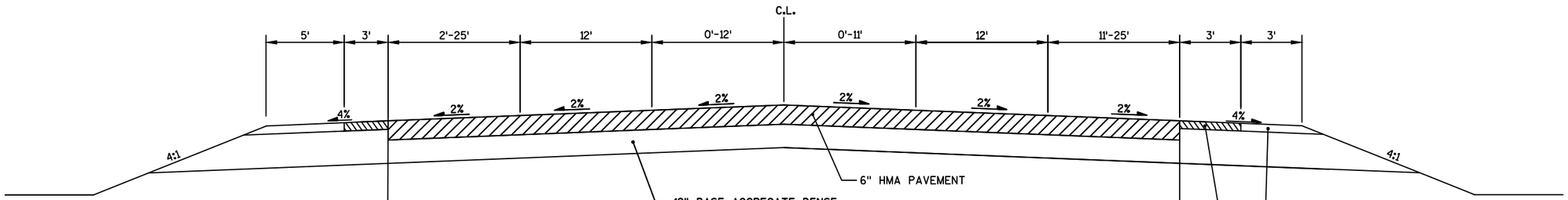


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STH 65
STA 57+04 TO STA 60+36

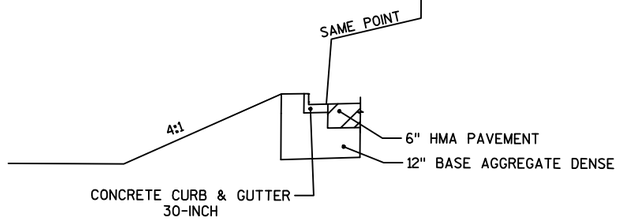
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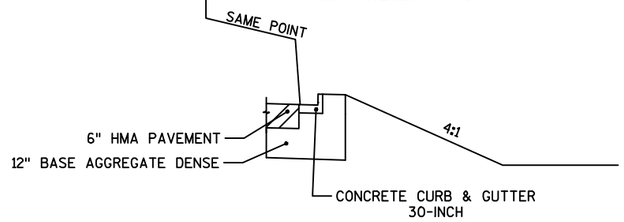
TYPICAL EXISTING SECTION
STH 65
STA 60+36 TO STA 62+35



TYPICAL EXISTING SECTION
STH 65
STA 62+35 TO STA 65+80



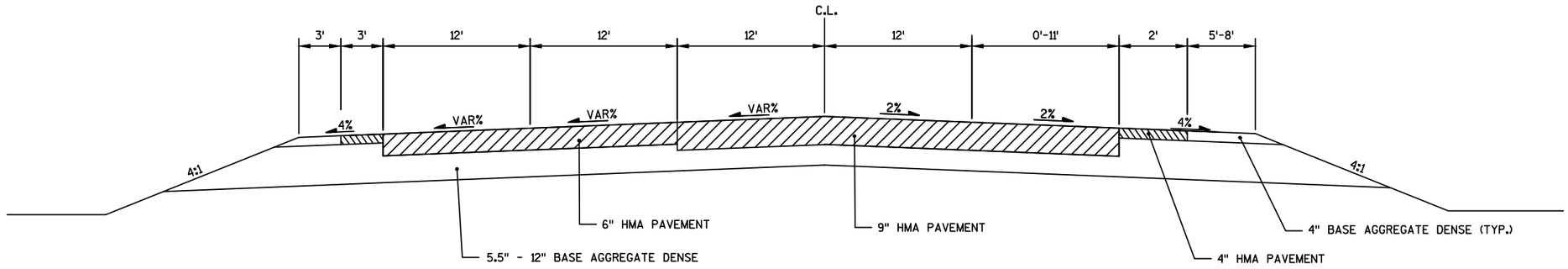
STA 63+84 TO STA 65+59



STA 64+08 TO STA 65+80

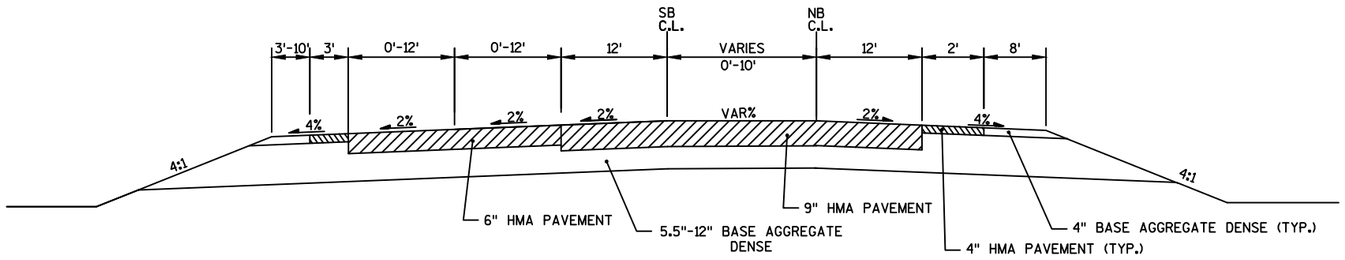
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\020301-TS.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : 02 - EXISTING PLOT SCALE : 1 IN:40 FT



TYPICAL EXISTING SECTION

STH 65
STA 65+80 TO STA 66+52



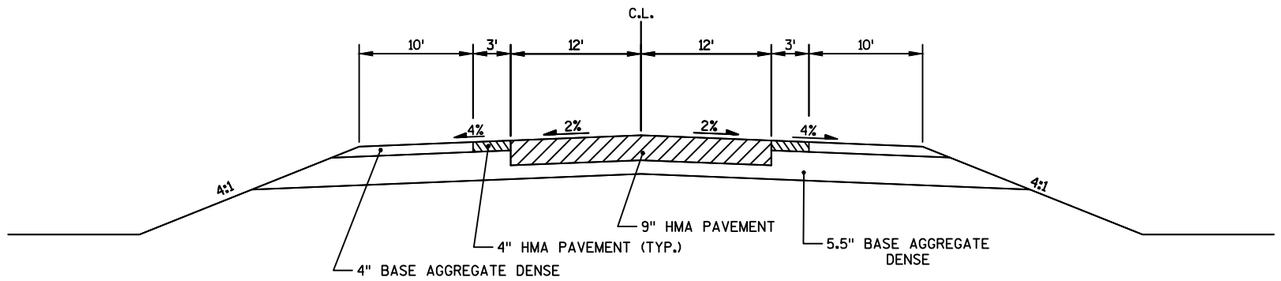
TYPICAL EXISTING SECTION

STH 65
STA 66+52 TO STA 73+79

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\020301-TS.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : 03 - EXISTING PLOT SCALE : 1 IN:40 FT

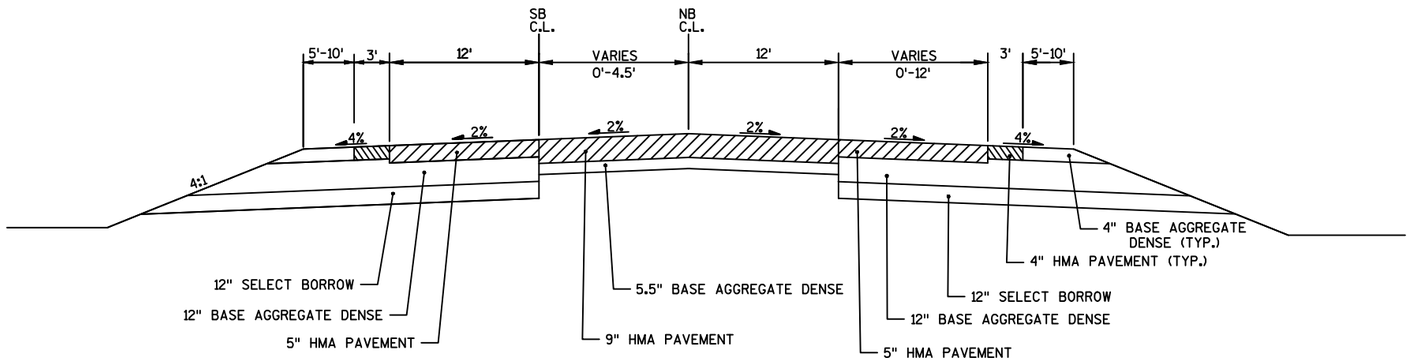
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TYPICAL EXISTING SECTION

STH 65

STA 73+79 TO STA 80+51



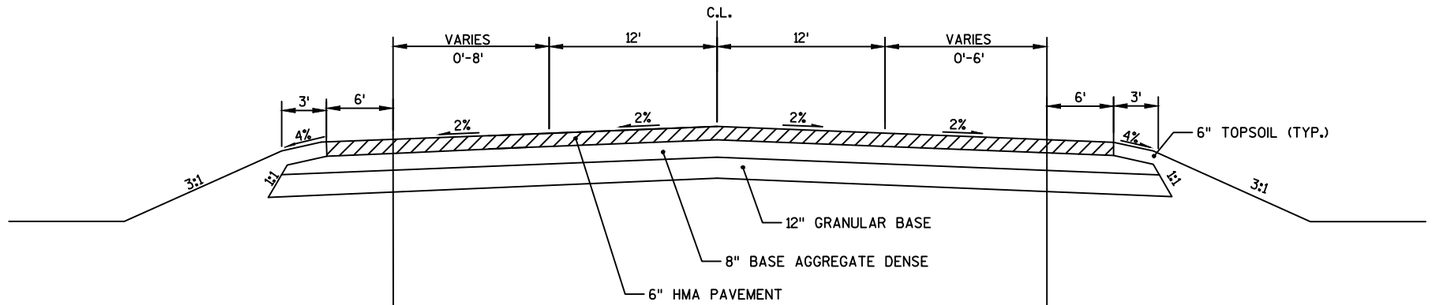
TYPICAL EXISTING SECTION

STH 65

STA 80+51 TO STA 82+70

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

2

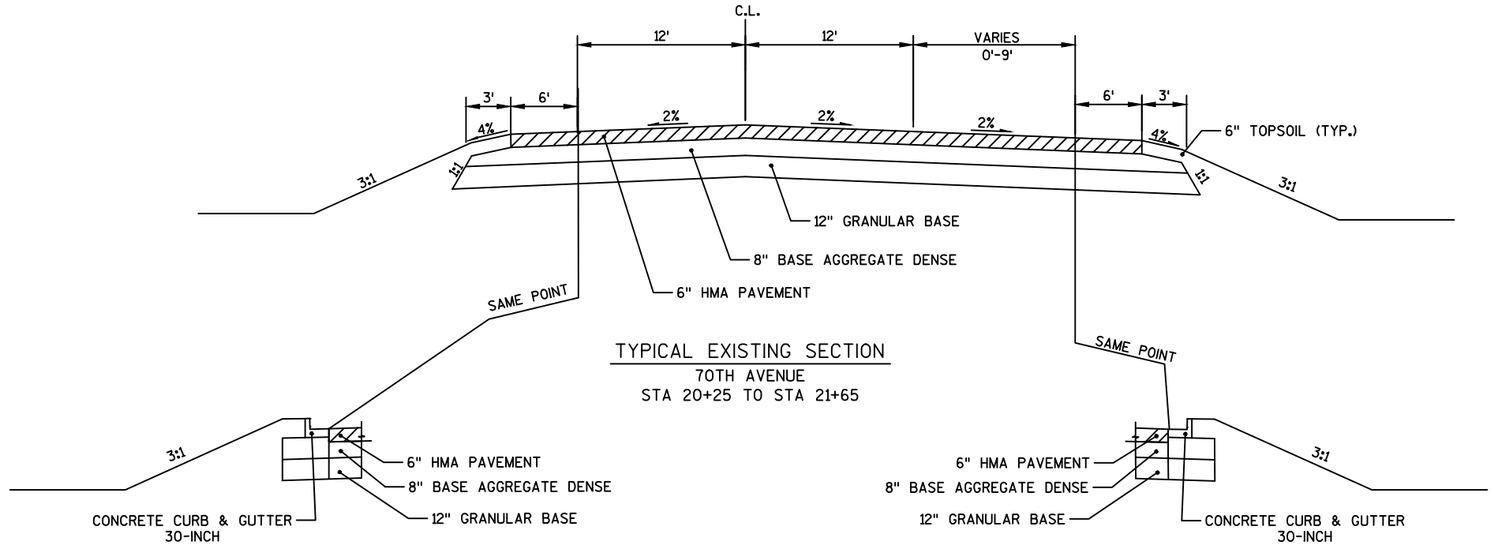


TYPICAL EXISTING SECTION
70TH AVENUE
STA 14+47 TO STA 19+65

STA 18+85 TO STA 19+65

STA 19+24 TO STA 19+65

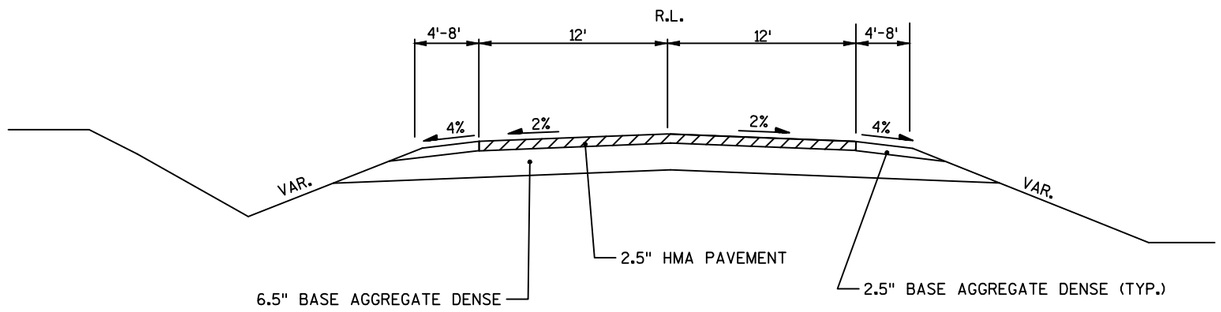
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E



TYPICAL EXISTING SECTION
70TH AVENUE
STA 20+25 TO STA 21+65

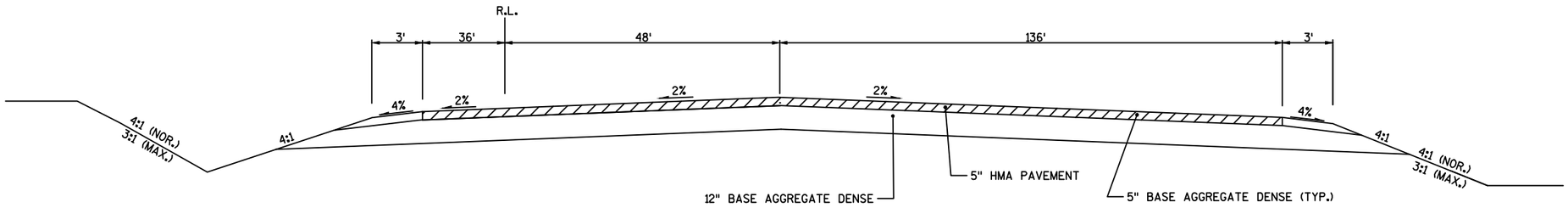
STA 20+25 TO STA 21+10

STA 20+25 TO STA 20+65



TYPICAL EXISTING SECTION
70TH AVENUE
STA 21+65 TO STA 26+50

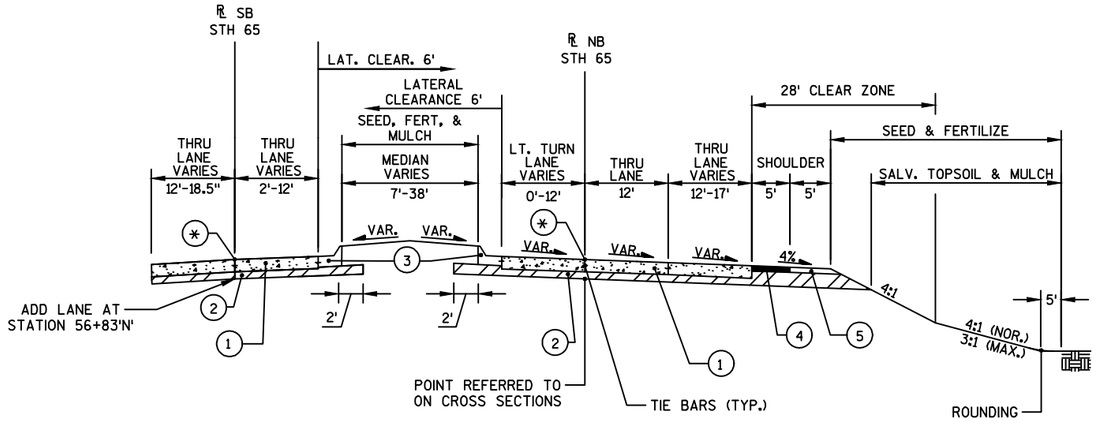
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E



TYPICAL EXISTING SECTION
PARK & RIDE LOT

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\020301-TS.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : 07 - EXISTING PLOT SCALE : ********

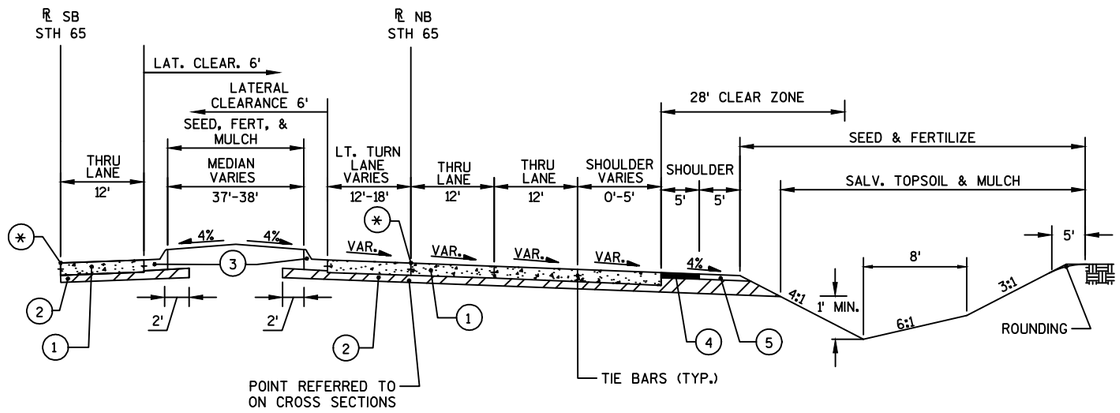


TYPICAL FINISHED SECTION
STH 65
STA 54+45'N' TO STA 57+89'N'

NB STH 65
SE = 3.1%

LEGEND

(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	6-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFERRED TO ON PROFILE

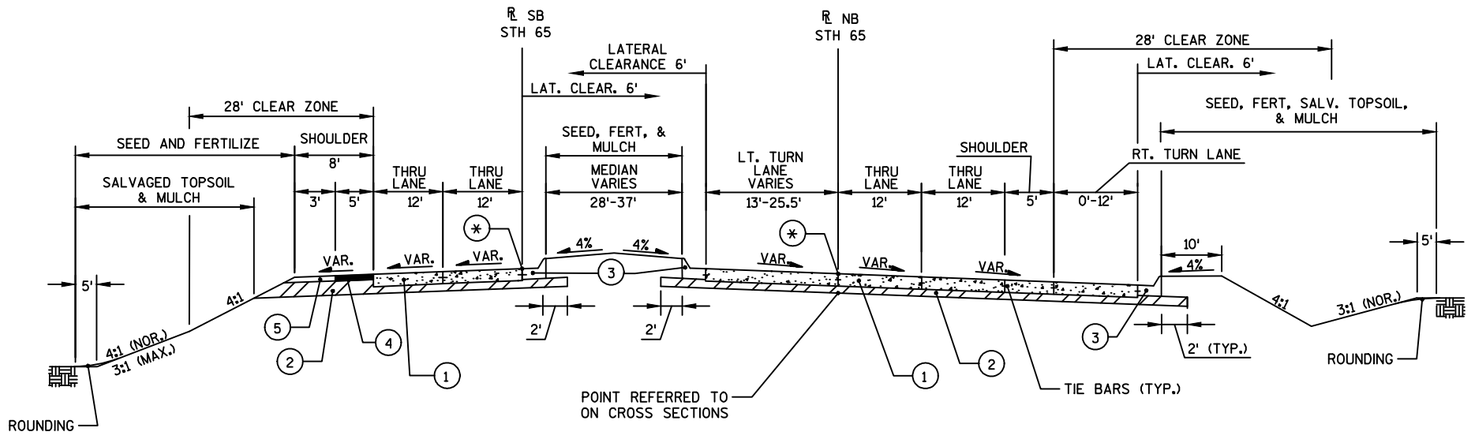


TYPICAL FINISHED SECTION
STH 65
STA 57+89'N' TO STA 59+47'N'

NB STH 65
SE = 3.1%

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

2



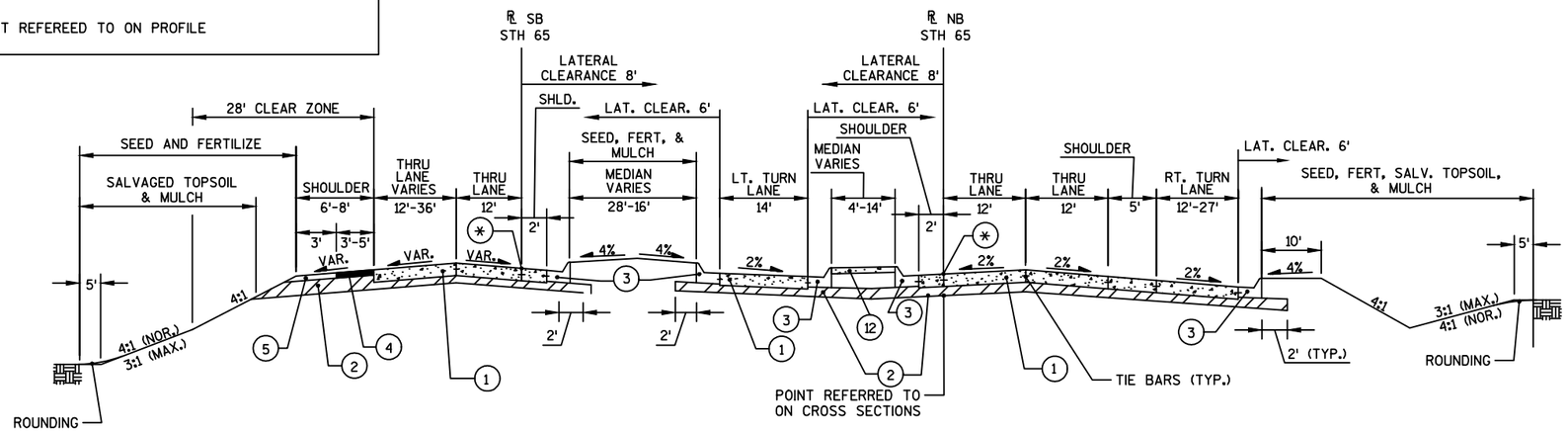
LEGEND

(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	6-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(12)	CONCRETE SIDEWALK 5-INCH OVER 4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFEREED TO ON PROFILE

SB STH 65
SE = 4.3%

TYPICAL FINISHED SECTION
STH 65
STA 59+47'N' TO STA 61+00'N'

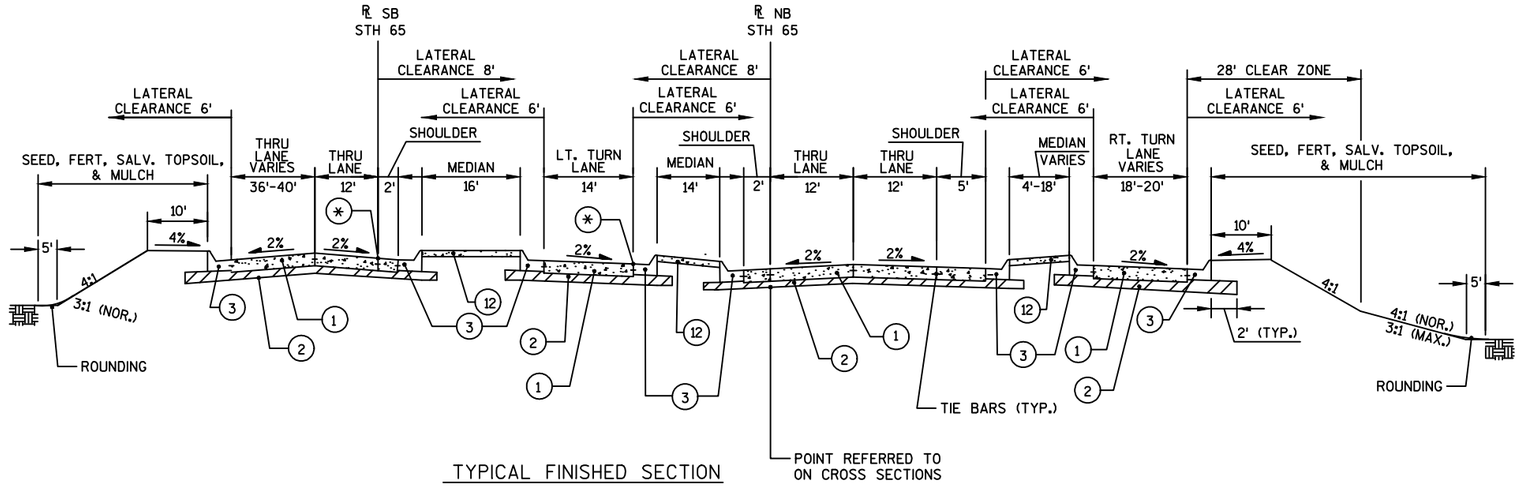
NB STH 65
SE = 3.1%



SB STH 65
SE = 4.3%

TYPICAL FINISHED SECTION
STH 65
STA 61+00'N' TO STA 63+71'N'

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

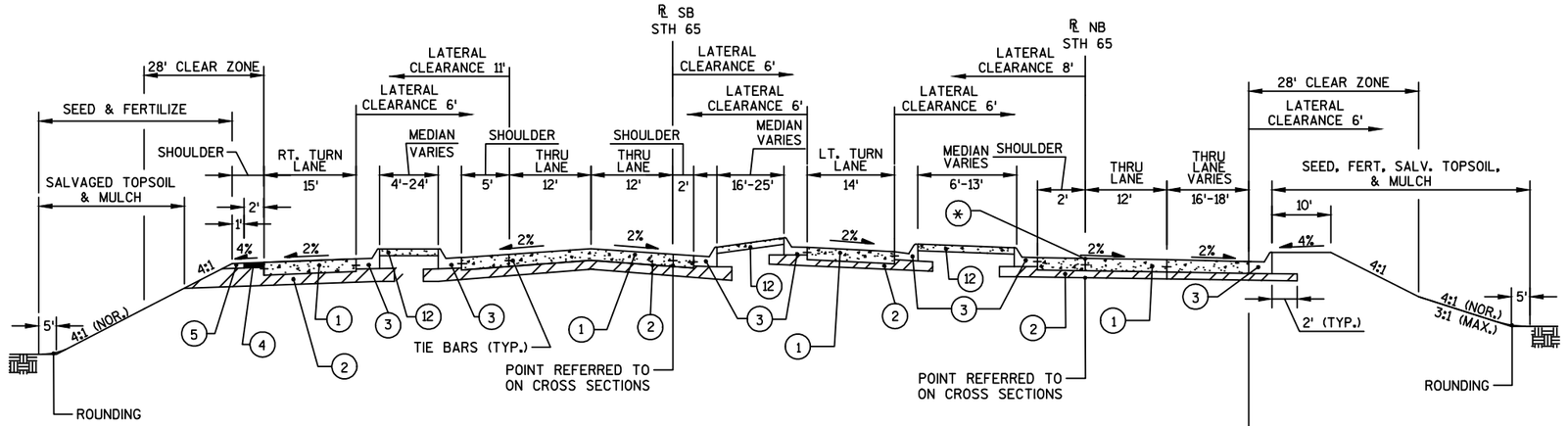


TYPICAL FINISHED SECTION
STH 65
STA 63+71'N' TO STA 65+30'N'

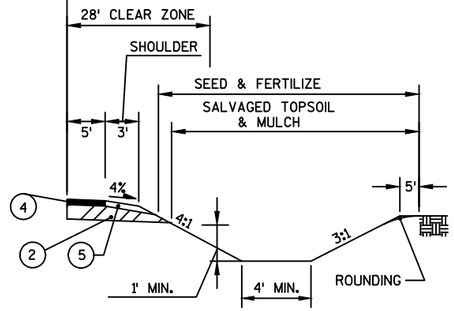
LEGEND

(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	6-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(12)	CONCRETE SIDEWALK 5-INCH OVER 4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFERRED TO ON PROFILE

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E



TYPICAL FINISHED SECTION
STH 65
STA 65+30'N' TO STA 66+66'N'

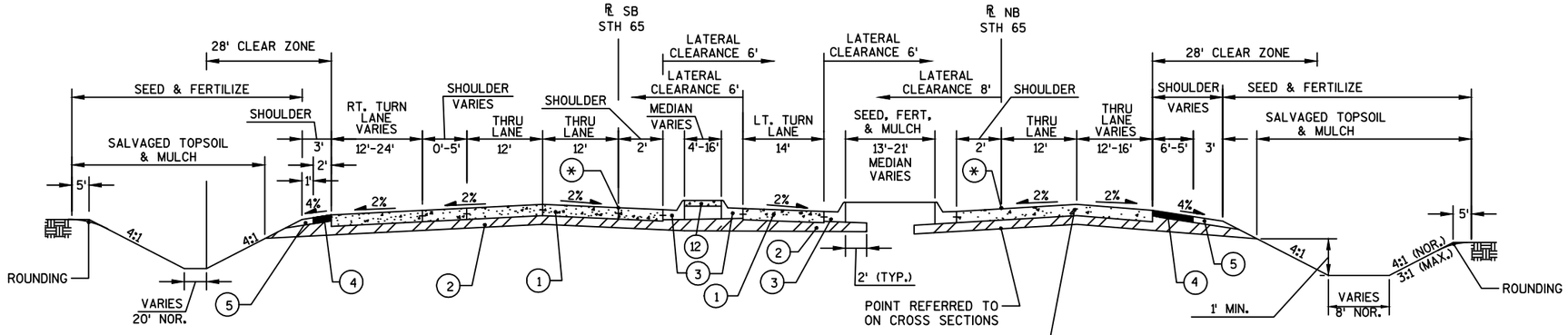


STA 66+25'N' TO STA 66+66'N'

LEGEND

(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	6-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(12)	CONCRETE SIDEWALK 5-INCH OVER 4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFERRED TO ON PROFILE

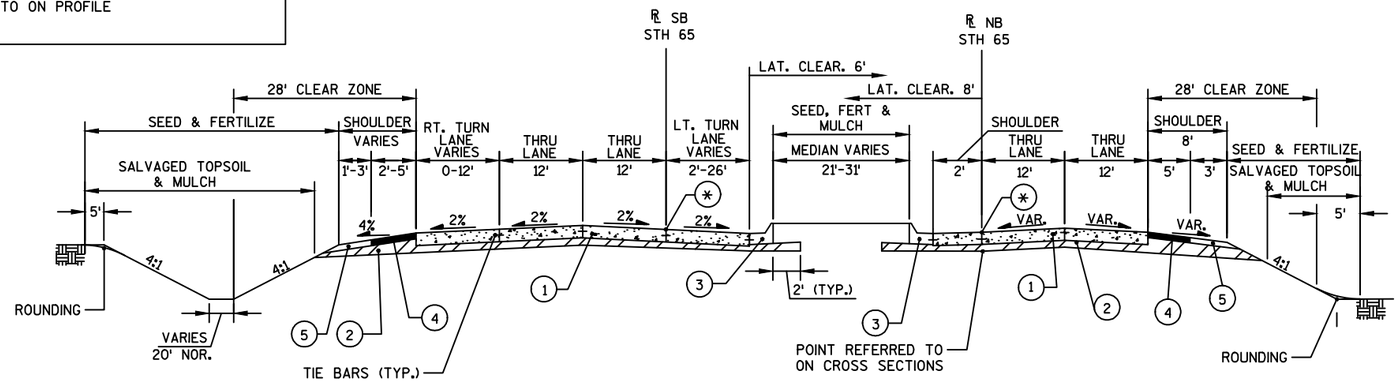
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E



TYPICAL FINISHED SECTION
STH 65
STA 66+66'N' TO STA 68+16'N'

LEGEND

(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	6-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(12)	CONCRETE SIDEWALK 5-INCH OVER 4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFERRED TO ON PROFILE



SB STH 65
SE = 3.5%

TYPICAL FINISHED SECTION
STH 65
STA 68+16'N' TO STA 71+15'N'

NB STH 65
SE = 3.5%

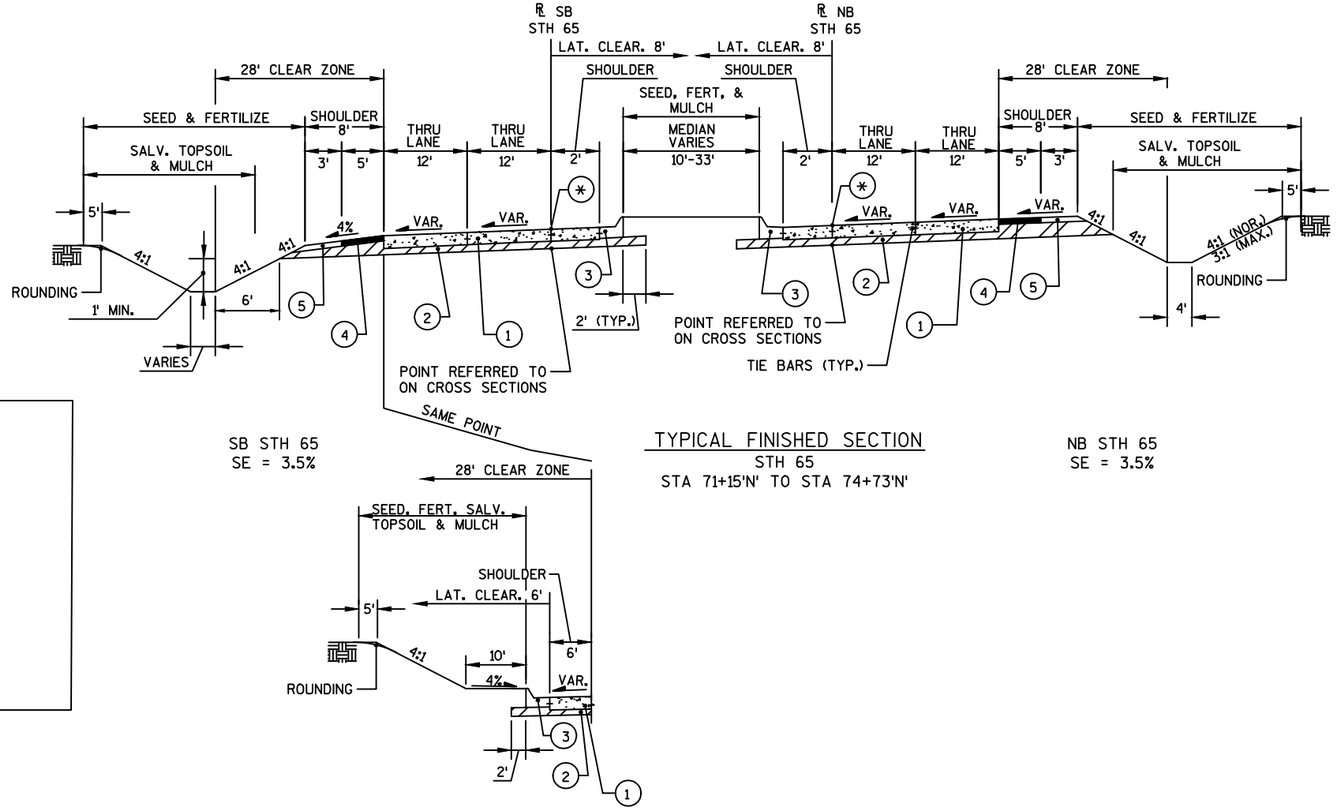
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\020301-TS.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : 11 - FINISHED PLOT SCALE : 1 IN:40 FT

2

LEGEND

(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	6-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFERRED TO ON PROFILE

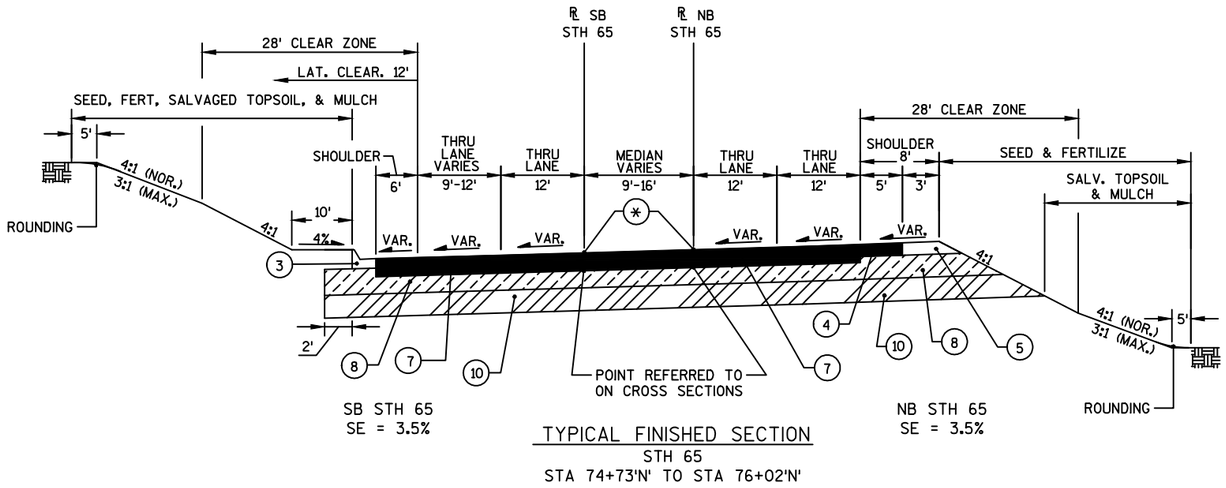


TYPICAL FINISHED SECTION
STH 65
STA 71+15'N' TO STA 74+73'N'

STA 72+88'S' TO STA 74+73'S'

LEGEND

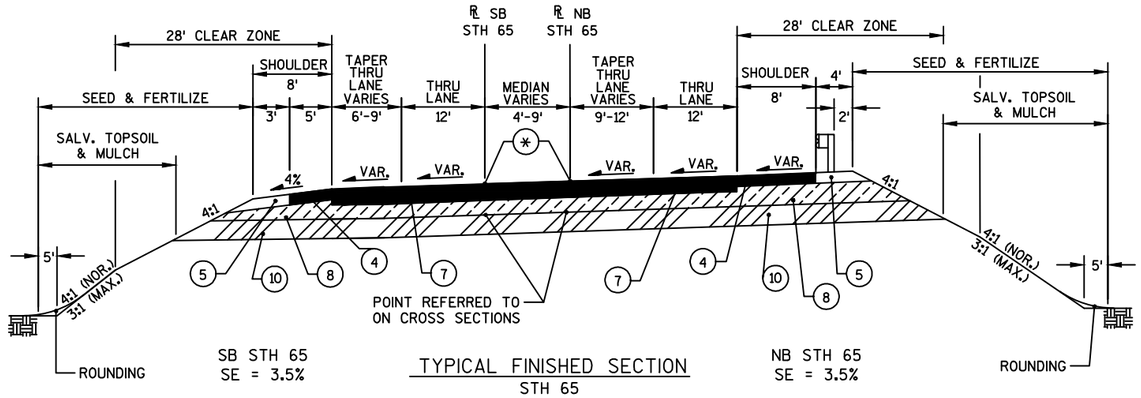
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
(4)	4-INCH HMA PAVEMENT 4 LT 58-28S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(7)	2.5-INCH HMA PAVEMENT 4 MT 58-34H (UPPER) 3.5-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(8)	12-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(10)	12-INCH SELECT CRUSHED MATERIAL
(*)	POINT REFERRED TO ON PROFILE



TYPICAL FINISHED SECTION
STH 65
STA 74+73'N' TO STA 76+02'N'

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

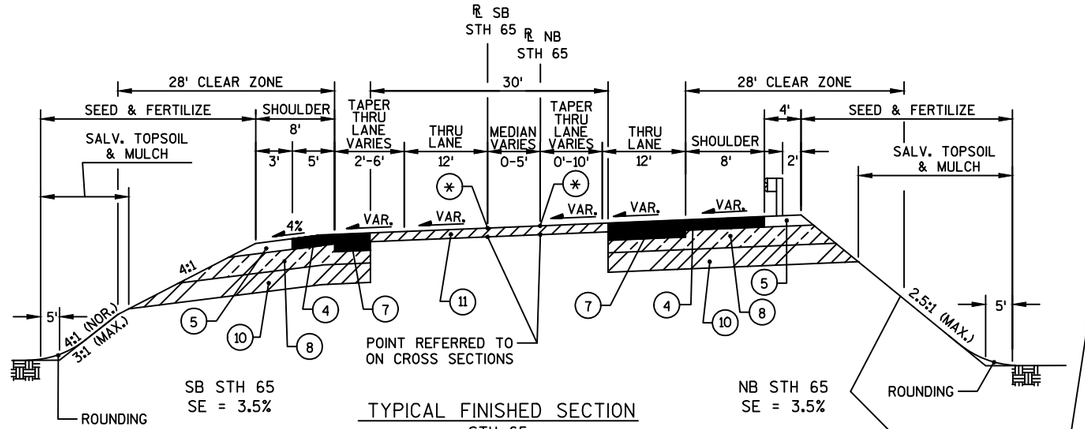
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\020301-TS.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : 12 - FINISHED PLOT SCALE : **********



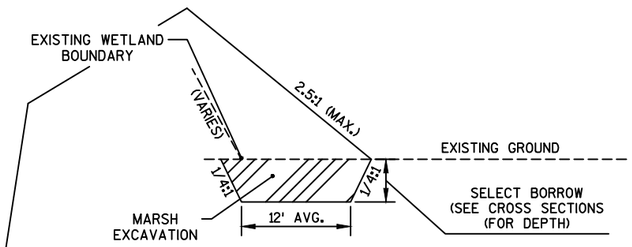
TYPICAL FINISHED SECTION
STH 65
STA 76+02'N' TO STA 77+25'N'

LEGEND

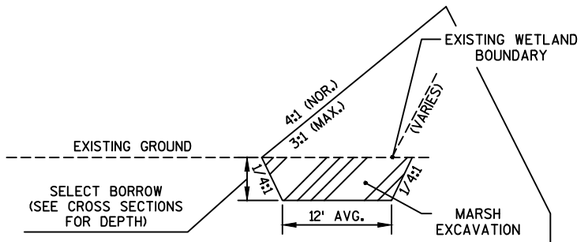
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(7)	2.5-INCH HMA PAVEMENT 4 MT 58-34H (UPPER) 3.5-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(8)	12-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(10)	12-INCH SELECT CRUSHED MATERIAL
(11)	2-INCH REMOVING ASPHALTIC SURFACE MILLING, 2-INCH HMA PAVEMENT 4 LT 58-28S
(*)	POINT REFERRED TO ON PROFILE



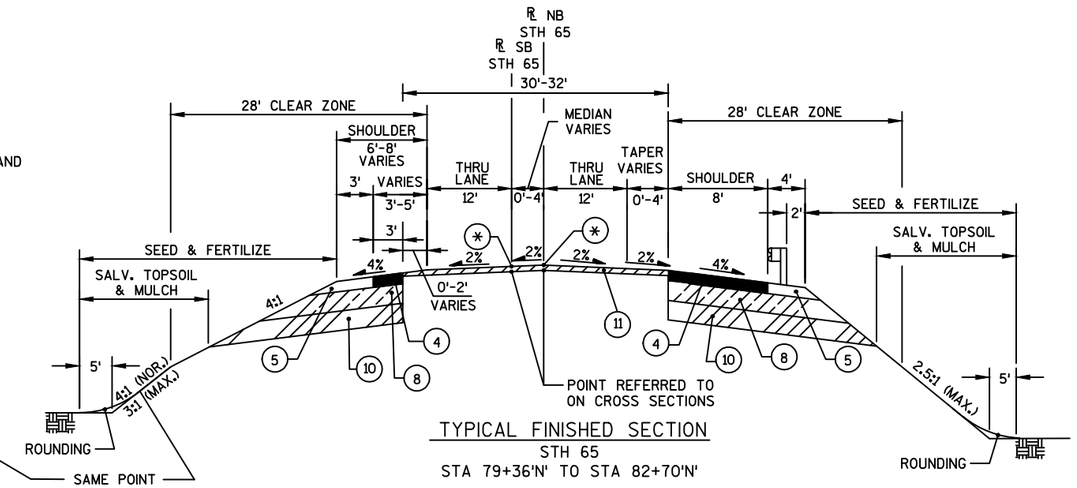
TYPICAL FINISHED SECTION
STH 65
STA 77+25'N' TO STA 79+36'N'



MARSH EXCAVATION REQ'D.
STA 78+50N RT TO STA 81+50N RT

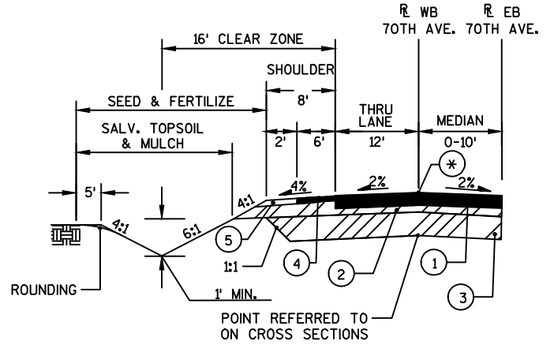


MARSH EXCAVATION REQ'D.
STA 81+00S LT TO STA 82+70S LT



TYPICAL FINISHED SECTION
STH 65
STA 79+36'N' TO STA 82+70'N'

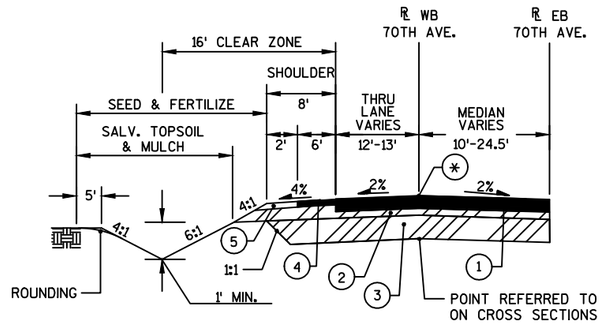
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E



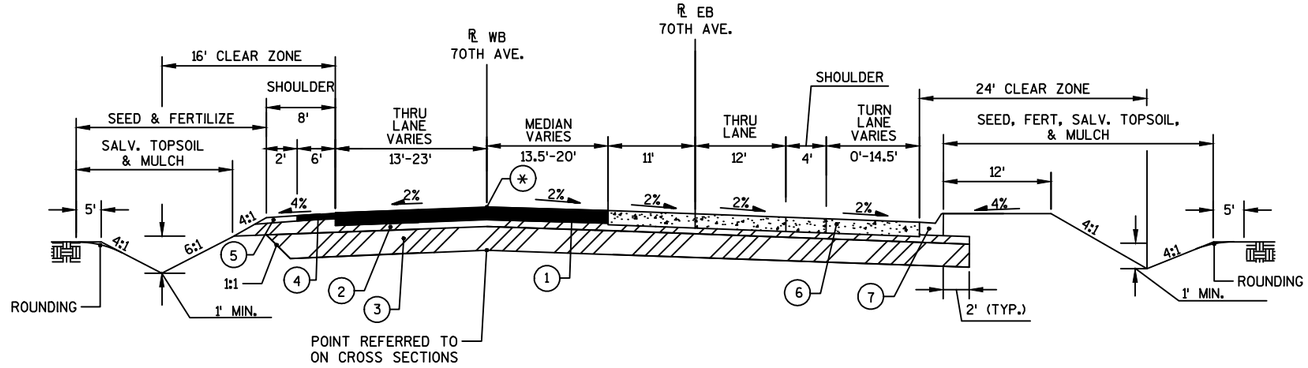
TYPICAL FINISHED SECTION
70TH AVENUE
STA 15+37'E' TO STA 16+60'E'

LEGEND

(1)	2.5-INCH HMA PAVEMENT 4 MT 58-34H (UPPER) 3.5-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(2)	8-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	12-INCH SELECT CRUSHED MATERIAL
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(6)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(7)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(*)	POINT REFERRED TO ON PROFILE



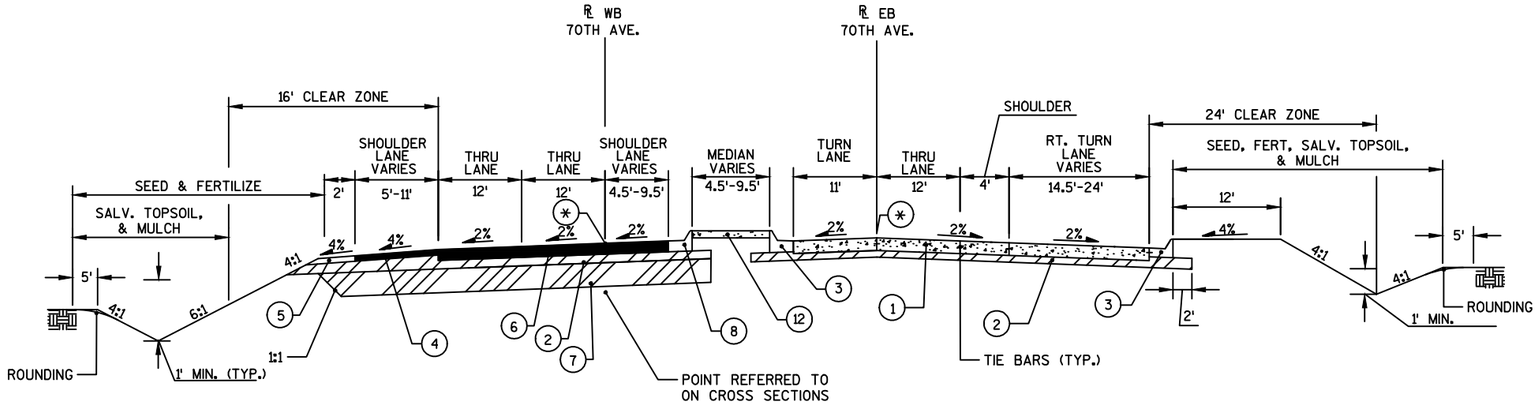
TYPICAL FINISHED SECTION
70TH AVENUE
STA 16+60'E' TO STA 17+48'E'



TYPICAL FINISHED SECTION
70TH AVENUE
STA 17+48'E' TO STA 18+28'E'

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

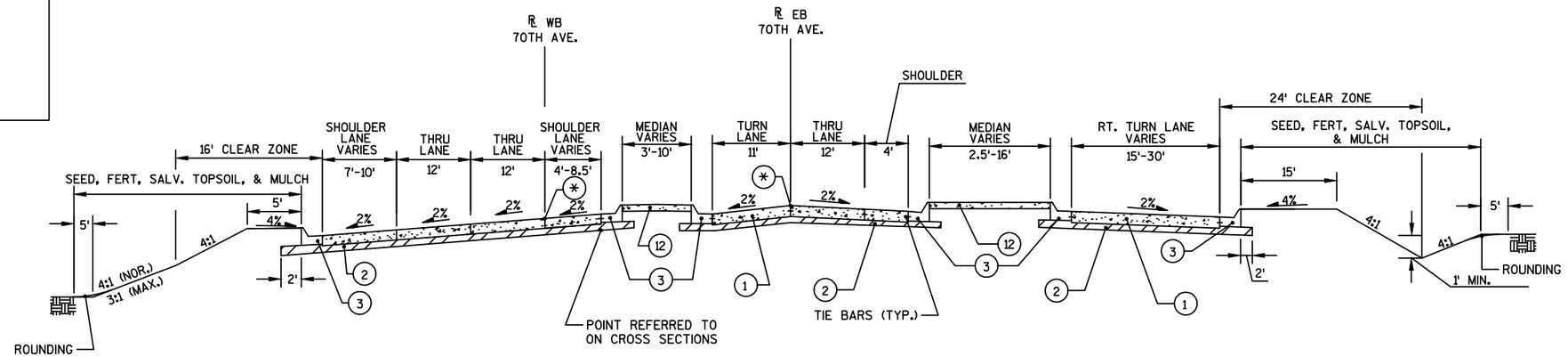
2



TYPICAL FINISHED SECTION
70TH AVENUE
STA 18+28'E' TO STA 18+65'E'

LEGEND

(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	8-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(6)	2.5-INCH HMA PAVEMENT 4 MT 58-34H (UPPER) 3.5-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(7)	12-INCH SELECT CRUSHED MATERIAL
(8)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
(12)	CONCRETE SIDEWALK 5-INCH OVER 4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFERRED TO ON PROFILE



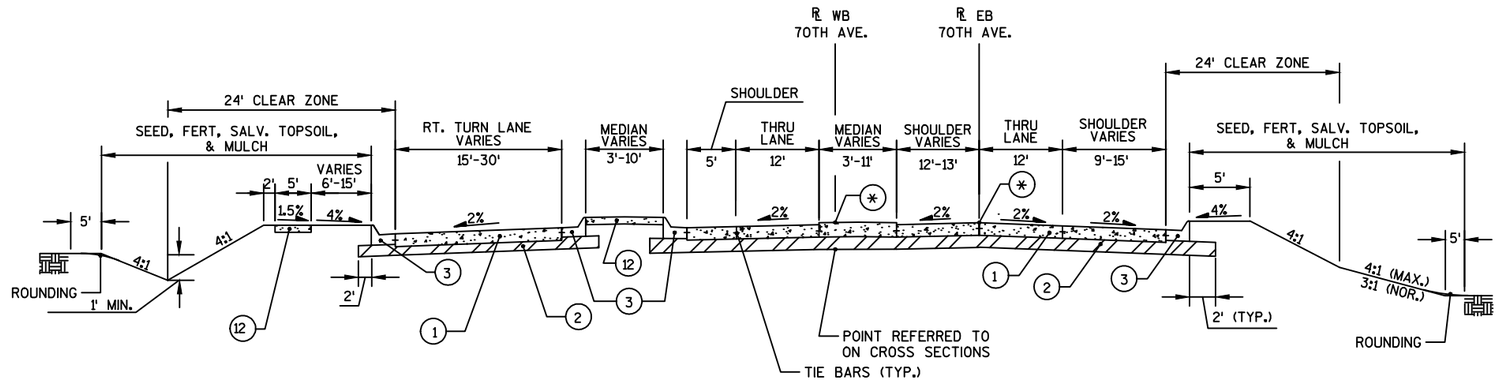
TYPICAL FINISHED SECTION
70TH AVENUE
STA 18+65'E' TO STA 19+22'E'

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\020301-TS.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : 15 - FINISHED PLOT SCALE : 1 IN:40 FT

LEGEND

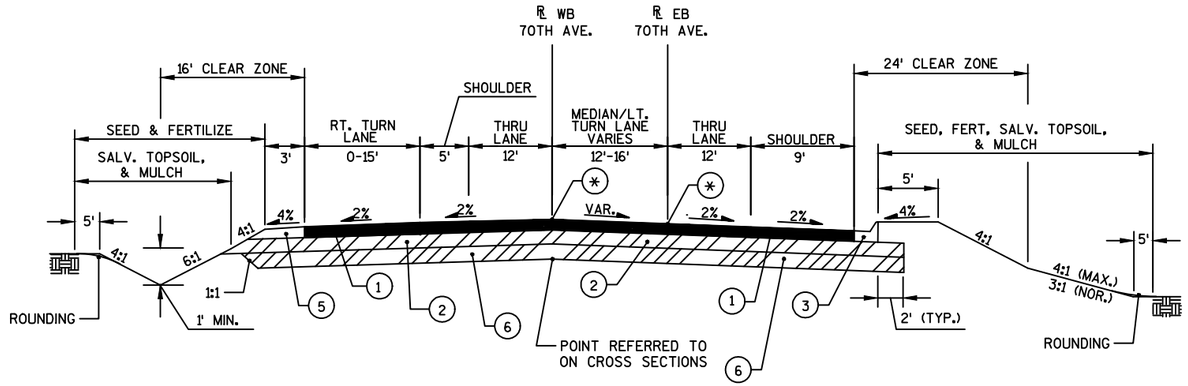
(1)	CONCRETE PAVEMENT 10-INCH (DOWELED AND TINED)
(2)	8-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
(12)	CONCRETE SIDEWALK 5-INCH OVER 4-INCH BASE AGGREGATE DENSE 3/4-INCH
(*)	POINT REFERRED TO ON PROFILE



TYPICAL FINISHED SECTION
70TH AVENUE
STA 20+75'E' TO STA 21+57'E'

LEGEND

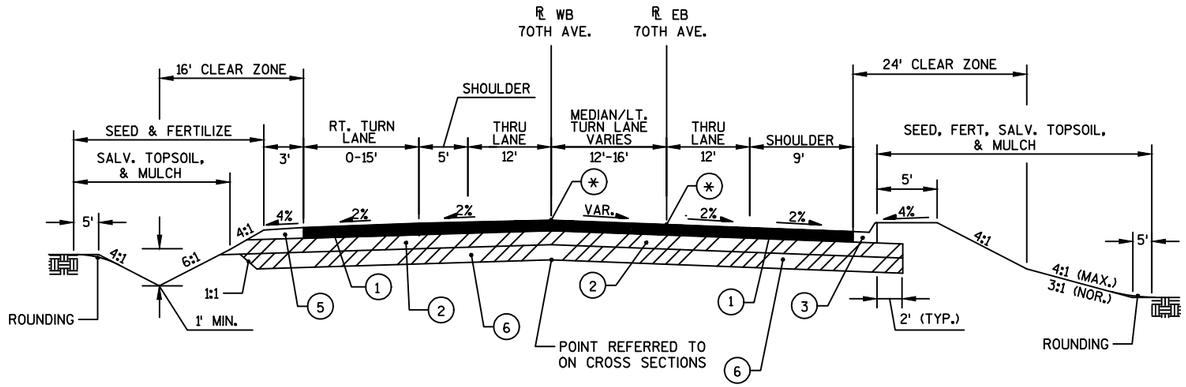
(1)	2.5-INCH HMA PAVEMENT 4 MT 58-34H (UPPER) 3.5-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(2)	8-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(6)	12-INCH SELECT CRUSHED MATERIAL
(*)	POINT REFERRED TO ON PROFILE



TYPICAL FINISHED SECTION
70TH AVENUE
STA 21+57'E' TO STA 22+17'E'

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

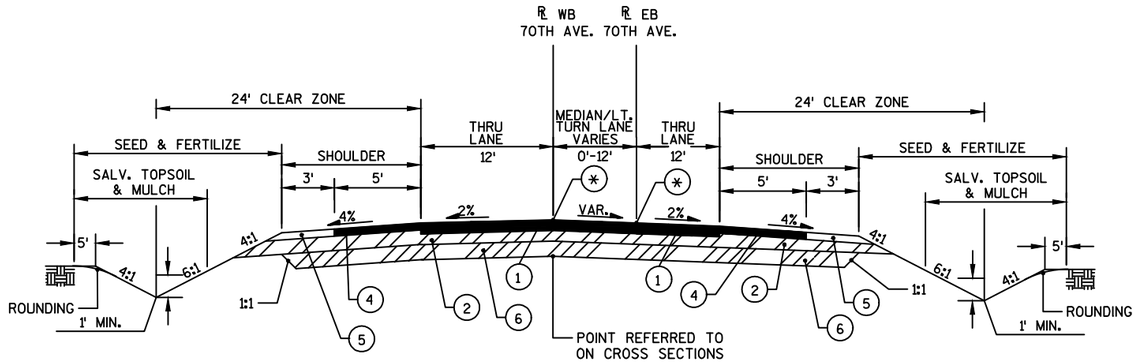
2



TYPICAL FINISHED SECTION
70TH AVENUE
STA 21+57'E' TO STA 22+17'E'

LEGEND

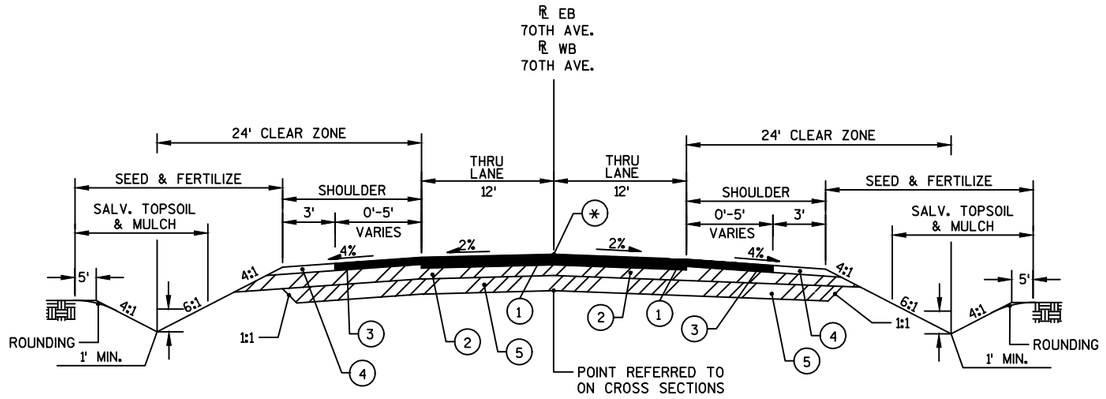
(1)	2.5-INCH HMA PAVEMENT 4 MT 58-34H (UPPER) 3.5-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(2)	8-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
(4)	4-INCH HMA PAVEMENT 4 LT 58-34S
(5)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(6)	12-INCH SELECT CRUSHED MATERIAL
(*)	POINT REFERRED TO ON PROFILE



TYPICAL FINISHED SECTION
70TH AVENUE
STA 22+17'E' TO STA 26+00'E'

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET	E

2



TYPICAL FINISHED SECTION
70TH AVENUE
STA 26+00'E' TO STA 26+50'E'

LEGEND

(1)	2.5-INCH HMA PAVEMENT 4 MT 58-34H (UPPER) 3.5-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(2)	8-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(3)	4-INCH HMA PAVEMENT 4 LT 58-34S
(4)	4-INCH BASE AGGREGATE DENSE 3/4-INCH
(5)	12-INCH SELECT CRUSHED MATERIAL
(*)	POINT REFERRED TO ON PROFILE

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TYPICAL SECTIONS	SHEET	E

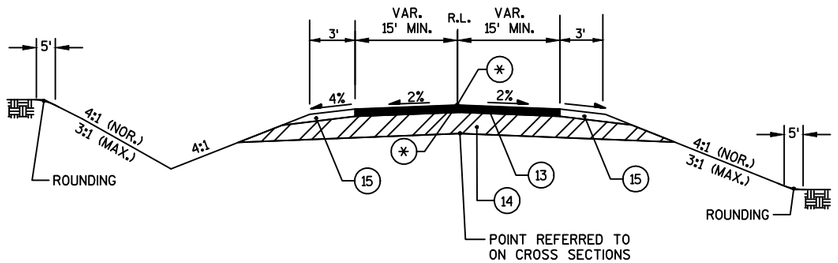
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\020301-TS.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : 18 - FINISHED PLOT SCALE : **********

2

5-INCH HMA PAVEMENT 4 LT 58-28S

LEGEND

(13)	2-INCH HMA PAVEMENT 4 MT 58-34S (UPPER) 3-INCH HMA PAVEMENT 4 MT 58-28S (LOWER)
(14)	12-INCH BASE AGGREGATE DENSE 1 1/4-INCH
(15)	5-INCH BASE AGGREGATE DENSE 3/4-INCH, SHOULDER
(*)	POINT REFERRED TO ON PROFILE



TYPICAL FINISHED SECTION
PARK-N-RIDE

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TYPICAL SECTIONS	SHEET E

2

2

GENERAL NOTES

1. DRAWINGS NOT TO SCALE.
2. DESIGN ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".
3. THE SIGN STRUCTURE SHALL BE DESIGNED TO SUPPORT THE SIGN SHOWN.
4. WIND VELOCITY PER WISDOT STANDARD SPECIFICATIONS.
5. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.

NOTE, CONTRACTOR SHALL:

1. SUBMIT SHOP DRAWINGS OF OVERHEAD SIGN SUPPORT. FOOTING IS INCIDENTAL TO OVERHEAD SIGN SUPPORT.
2. PROVIDE DESIGN CALCULATIONS.
3. SHOW SIGNS ON SHOP DRAWINGS.
4. I.D. PLAQUE INCIDENTAL TO OVERHEAD SIGN SUPPORT.
5. ANCHOR RODS PER STANDARD DETAIL DRAWING ARE REQUIRED.

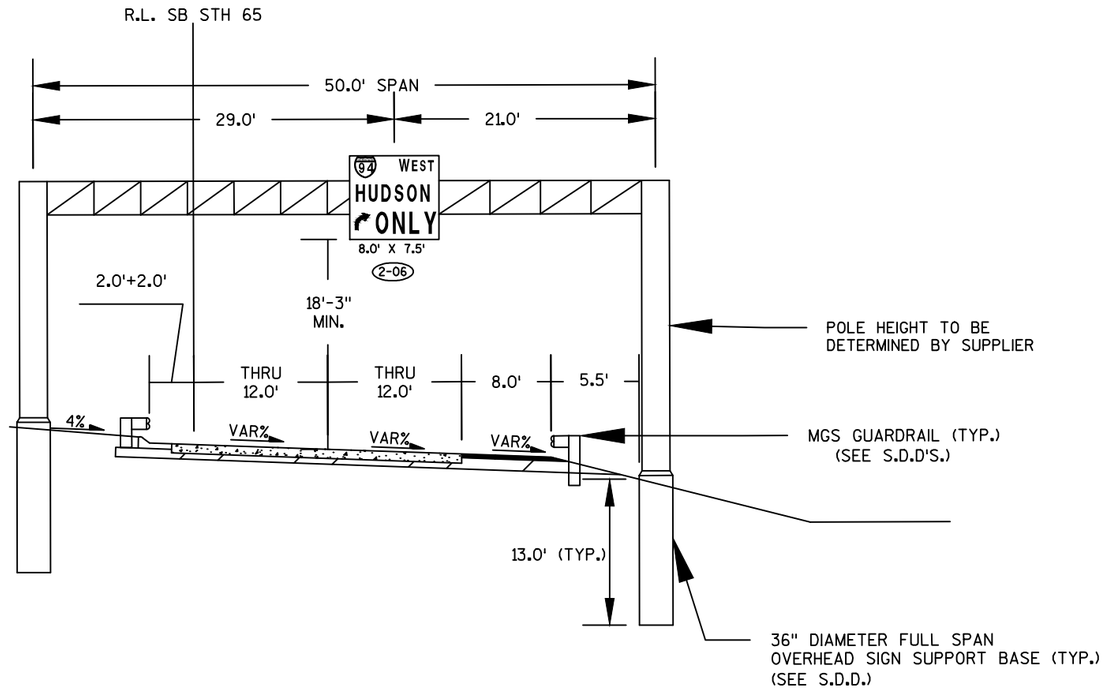
MOUNTING BRACKETS FOR SIGNS:
- TO BE PRE APPROVED FROM PRODUCT LIST - TYPE II SIGNS
- I BEAMS W5X3.7 FOR TYPE I SIGNS INCIDENTAL TO SIGNS

LEGEND

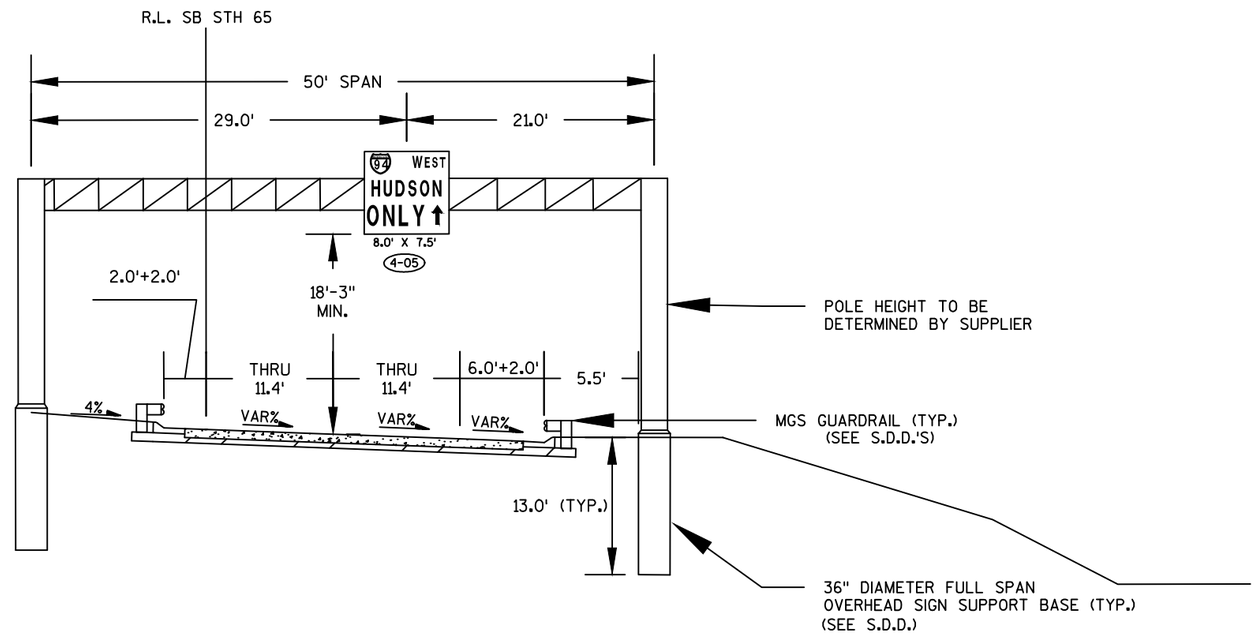
(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

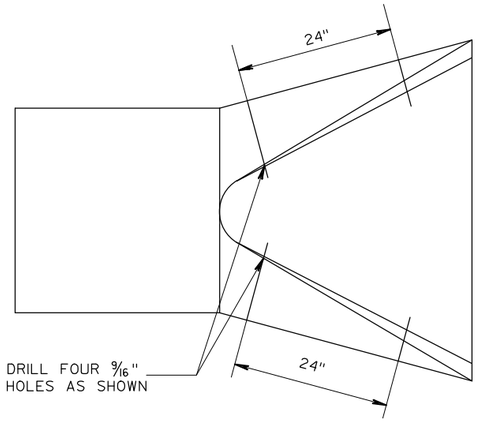
OVERHEAD SIGN SUPPORTS DETAIL
S-53-053
STA. 60+64'S'
STH 65 SB
(SEE SIGNING PLAN FOR LOCATION)

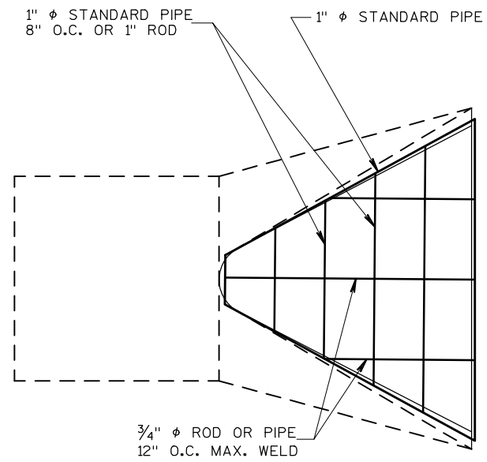


OVERHEAD SIGN SUPPORTS DETAIL
S-53-054
STA. 72+28'S'
STH 65 SB
(SEE SIGNING PLAN FOR LOCATION)

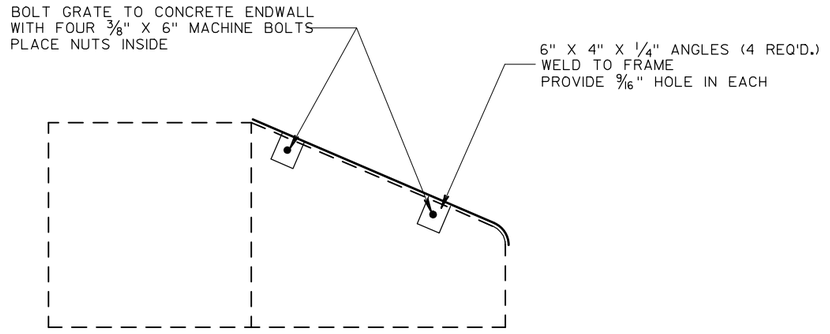


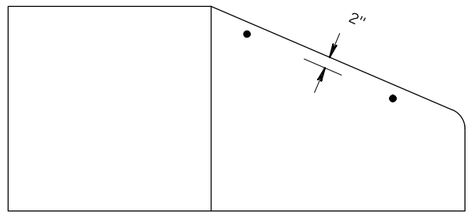
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CONSTRUCTION DETAILS	SHEET	E

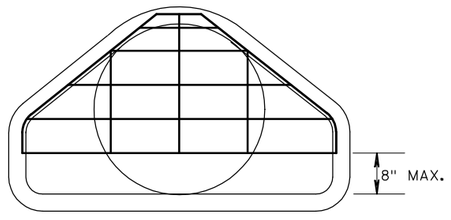




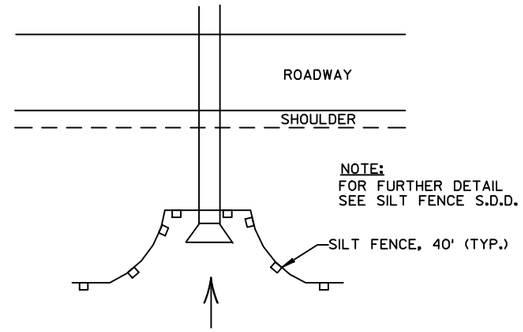
AT EACH PIPE





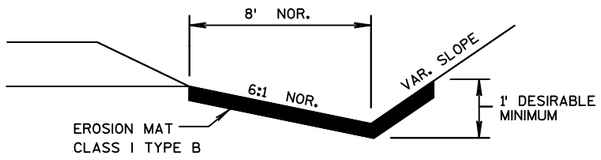


PIPE GRATE DETAIL



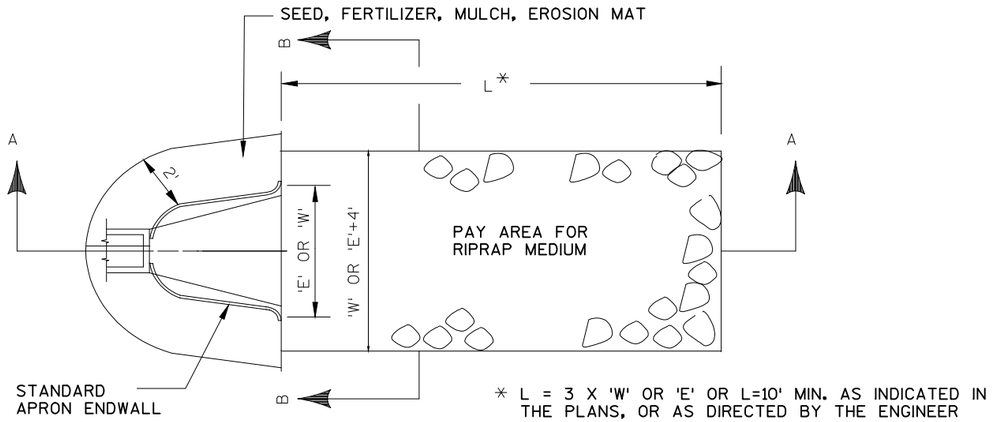
SILT FENCE AT PIPE INLET

SEE EROSION CONTROL PLAN FOR LOCATIONS

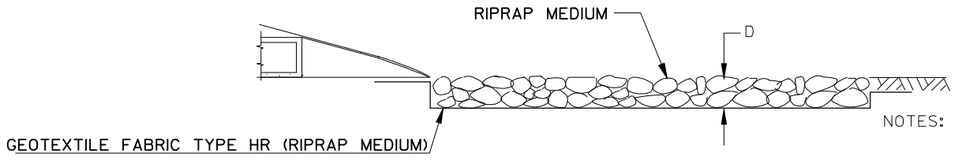


EROSION MAT DETAIL FOR DITCHES

(REQ'D. IN ALL DITCHES)



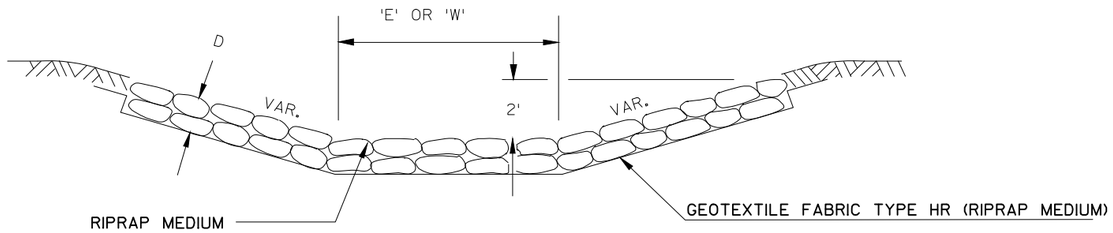
* L = 3 X 'W' OR 'E' OR L=10' MIN. AS INDICATED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER



NOTES: REFER TO S.D.D. FOR 'E' OR 'W' DIMENSIONS

SECTION A-A

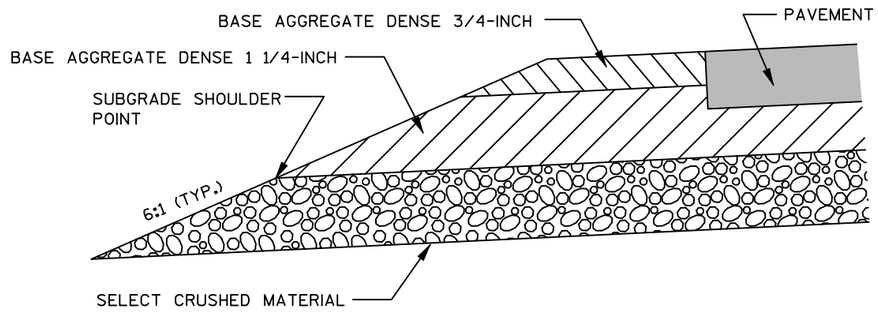
D = 18" (RIPRAP MEDIUM)



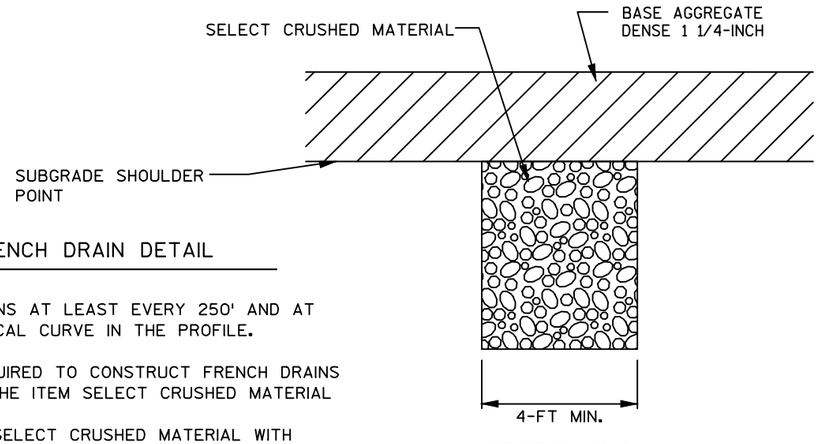
SECTION B-B

RIPRAP TREATMENT AT PIPE ENDWALL DETAIL

SEE EROSION CONTROL PLANS FOR LOCATIONS



SECTION A-A



SECTION B-B

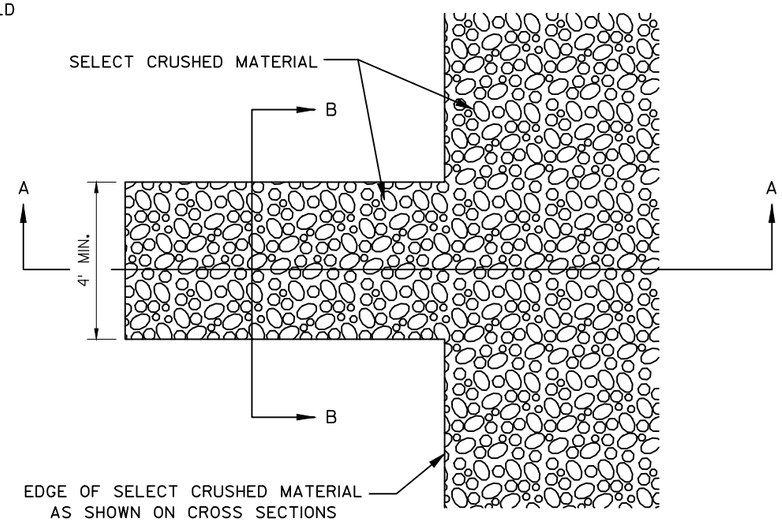
FRENCH DRAIN DETAIL

CONSTRUCT DRAINS AT LEAST EVERY 250' AND AT EACH SAG VERTICAL CURVE IN THE PROFILE.

EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS INCIDENTAL TO THE ITEM SELECT CRUSHED MATERIAL

DO NOT COVER SELECT CRUSHED MATERIAL WITH TOPSOIL

LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

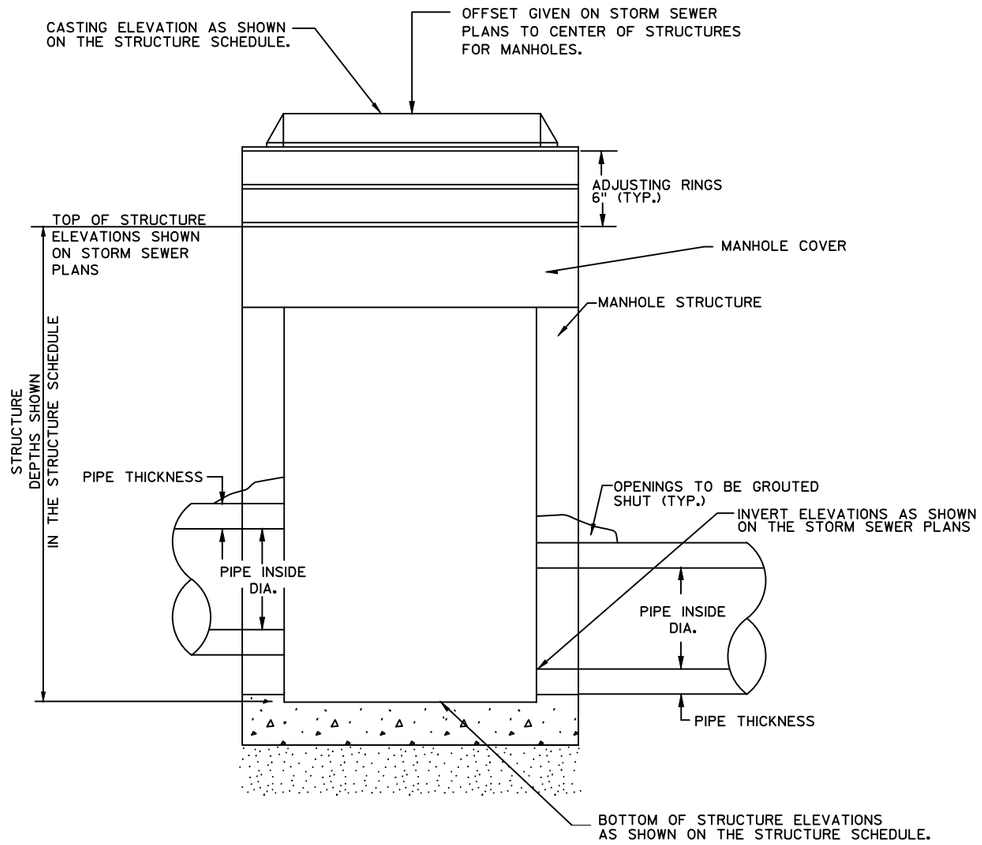


PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CONSTRUCTION DETAILS	SHEET	E

GENERAL NOTES:

GRANULAR BACKFILL REQUIRED AROUND MANHOLE
(INCIDENTAL TO CONSTRUCTION OF MANHOLE)

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS, AND S.D.D. FOR MANHOLES TYPE 1.

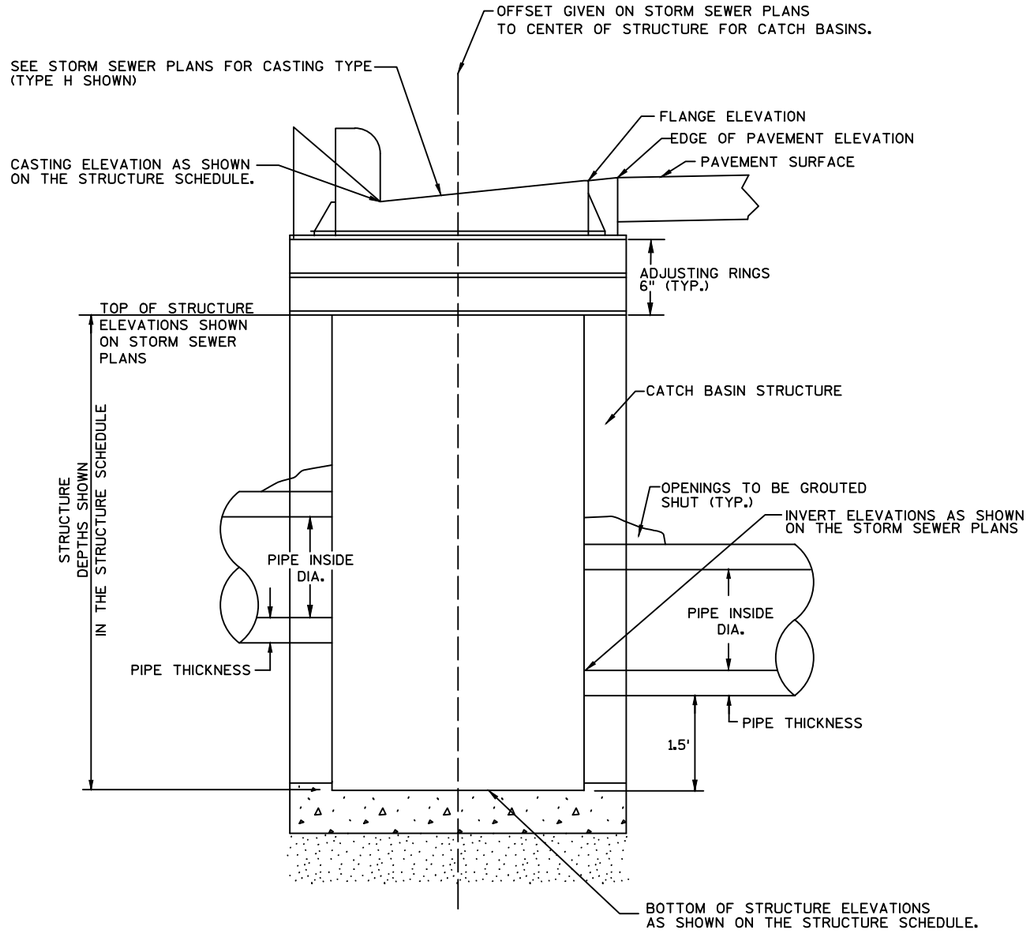


MANHOLE W/CASTING DETAIL

GENERAL NOTES:

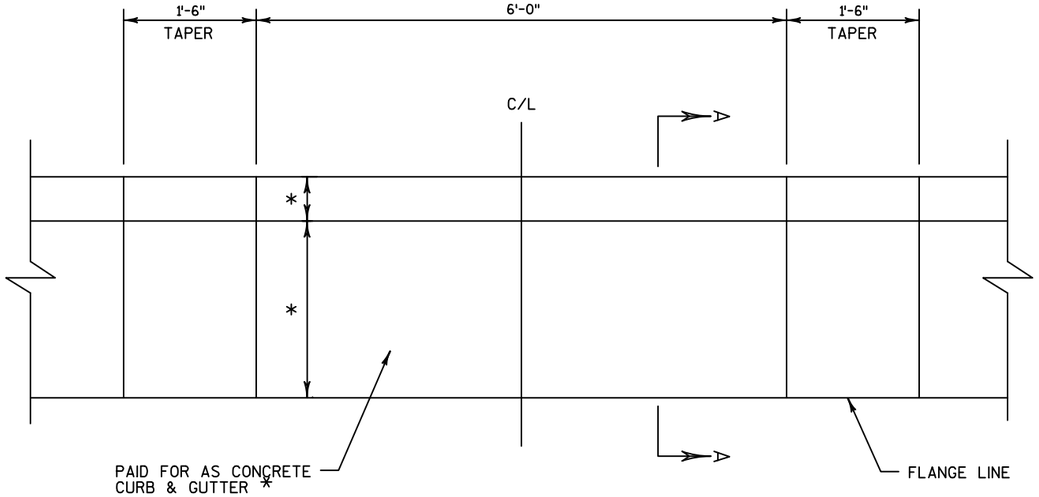
GRANULAR BACKFILL REQUIRED AROUND CATCH BASIN
(INCIDENTAL TO CONSTRUCTION OF CATCH BASIN)

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS, AND S.D.D. FOR CATCH BASINS TYPE 1 & 2.

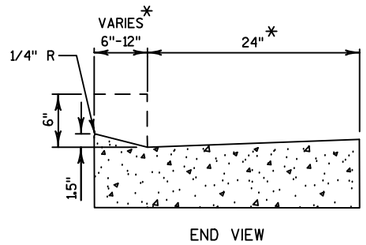


CATCH BASIN W/CASTING DETAIL

2

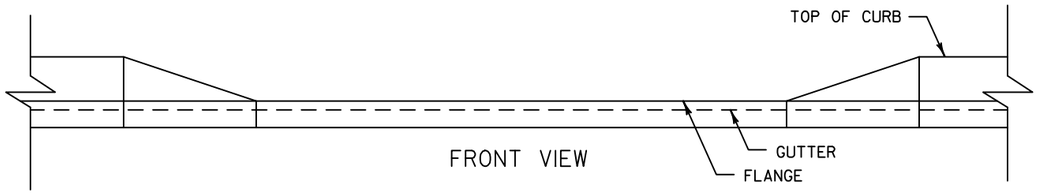


PLAN VIEW



END VIEW

SECTION A-A



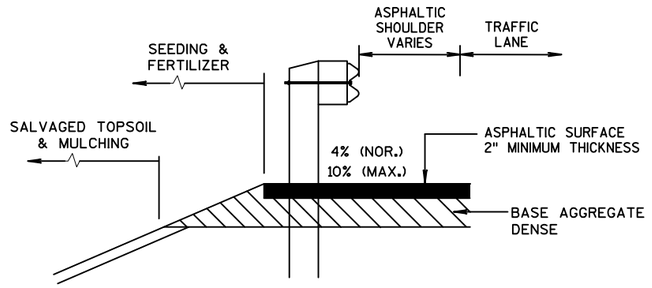
FRONT VIEW

* TYPE AND DIMENSIONS TO MATCH ADJACENT CURB AND GUTTER.

MAINTENANCE OPENING DETAIL

LOCATIONS SHOWN ON PLAN DETAILS

2



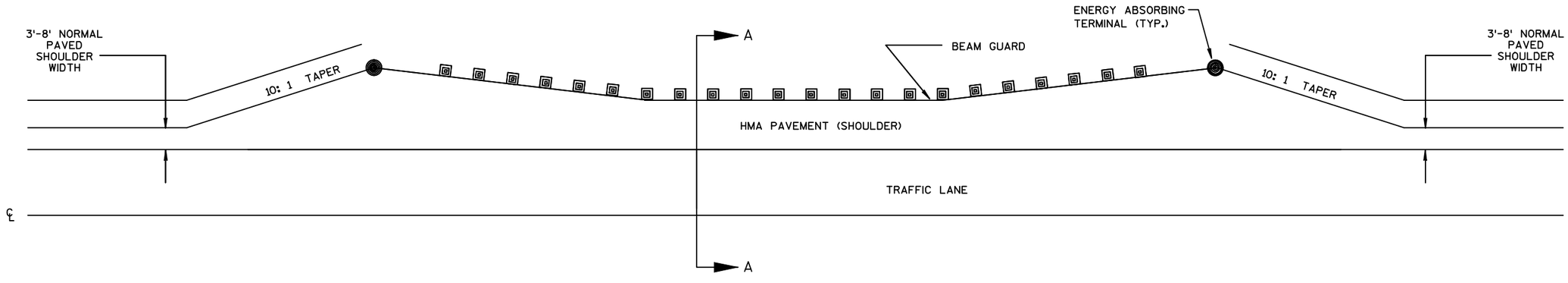
SECTION A-A

NOTE:

HMA PAVEMENT TO FACE OF BEAM GUARD REQUIRED TO BE COMPACTED.

HMA PAVEMENT FROM FACE OF BEAM GUARD TO SHOULDER POINT TO BE RAKED ON FINAL PASS.

FOR FURTHER DETAIL SEE SDD "GUARDRAIL MOW STRIP"

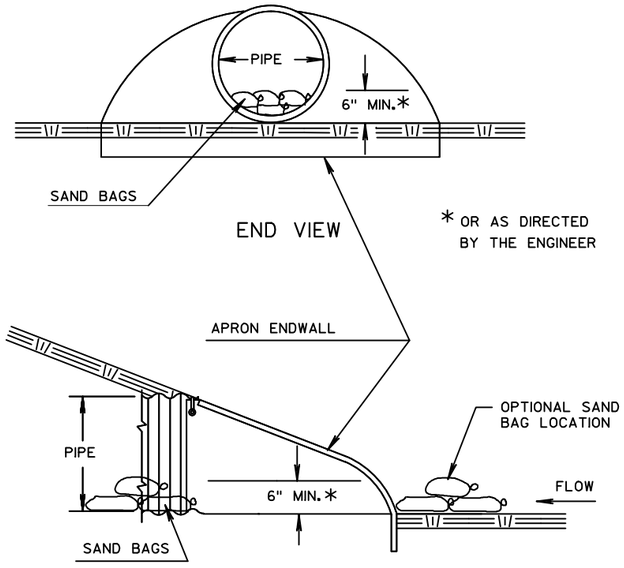


DETAIL FOR ASPHALTIC SHOULDER AT GUARDRAIL

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021003-CD.DWG PLOT DATE : 5/31/2017 11:44 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 42



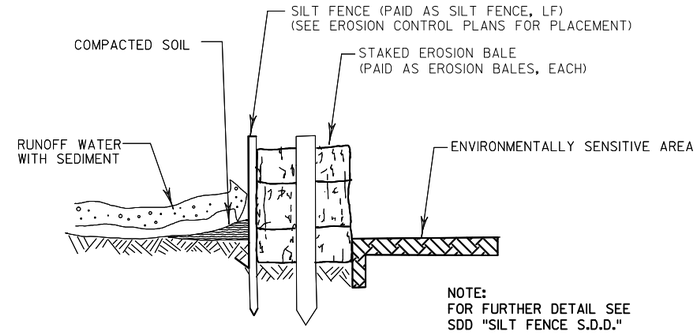
SIDE VIEW

CULVERT PIPE DITCH CHECK

SEE EROSION CONTROL PLANS FOR LOCATIONS

ESTIMATED BAG SIZE = 24" X 12" X 6"	
PIPE SIZE	ESTIMATED NO. OF BAGS
12"	1
15"	2
18"	2
24"	3
30"	5
36'	7
42"	7
48"	10
54"	10
60"	13
72"	16
30"X19"	5
38"X24"	7
53"X34"	10
60"X38"	13
76"X48"	18

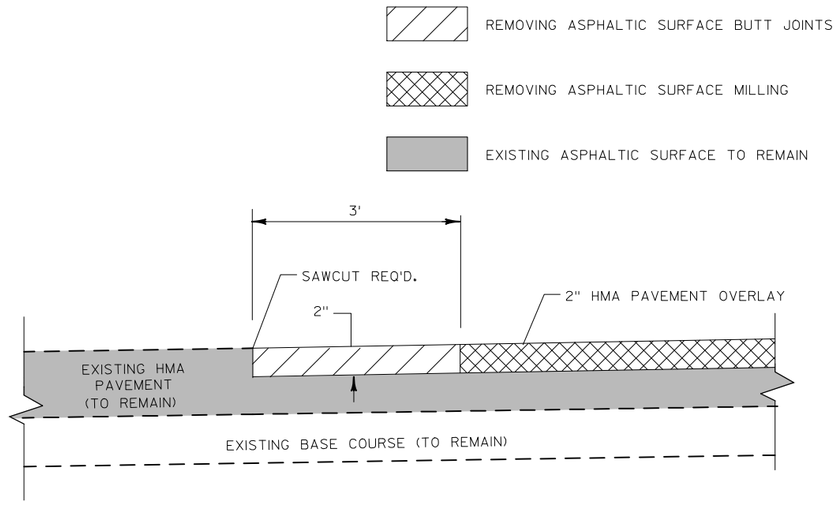
NOTE:
TO BE PLACED AT INLET END
OF CULVERT PIPE.



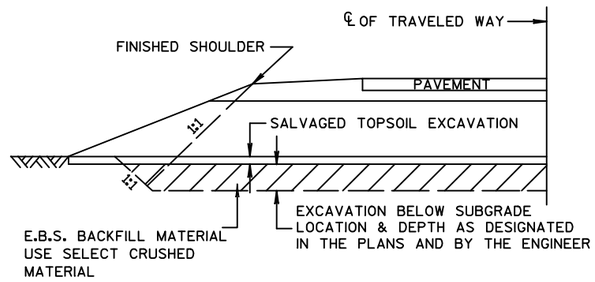
SIILT FENCE AND EROSION BALE OUTLET STRUCTURE DETAIL

SEE EROSION CONTROL PLAN FOR LOCATIONS

2

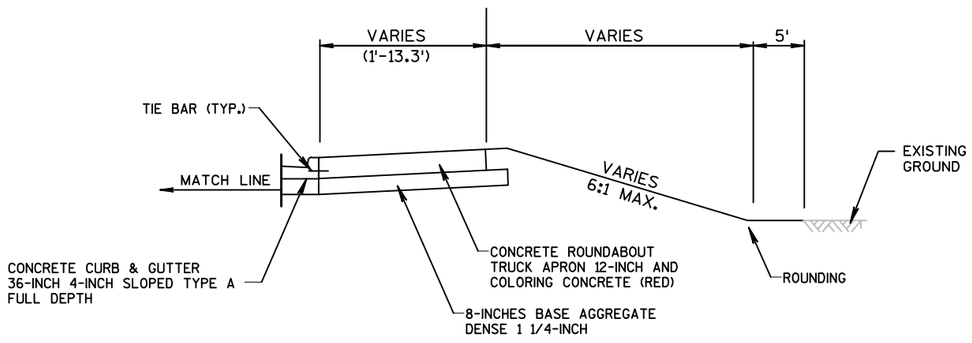


CONSTRUCTION/BUTT JOINT (MILL/OVERLAY) DETAIL

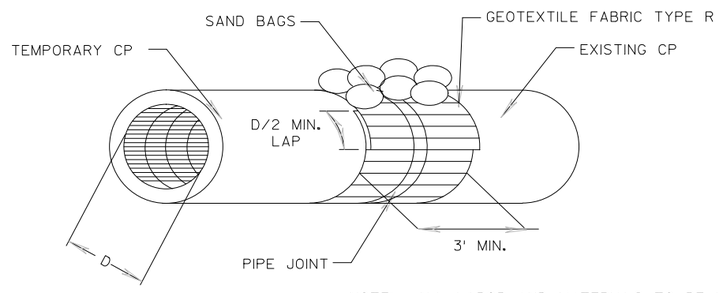


EXCAVATION BELOW SUBGRADE DETAIL

THIS DETAIL TO BE USED FOR REMOVAL OF UNSUITABLE MATERIAL



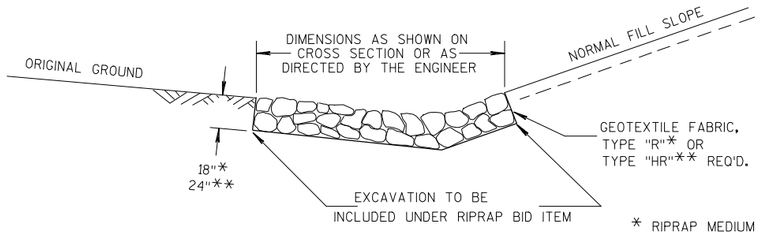
TRUCK APRON DETAIL



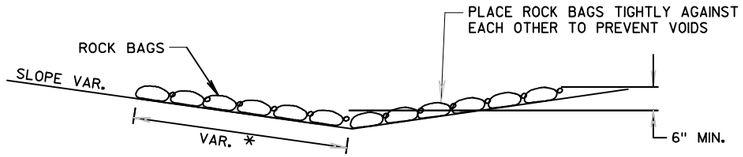
NOTE: ALL LABOR AND MATERIALS TO BE INCLUDED IN THE COST OF TEMPORARY CULVERT PIPE

CONNECTION DETAIL TEMPORARY PIPE TO EXISTING PIPE

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CONSTRUCTION DETAILS	SHEET	E

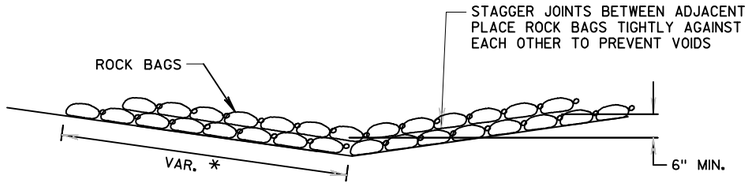


DETAIL FOR RIPRAP IN DITCHES



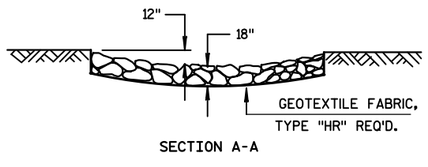
SIDE VIEW (SINGLE LAYER)

* LENGTH AND NUMBER OF BAGS MAY VARY DEPENDING ON DESIRED DEPTH OF WATER POOL.

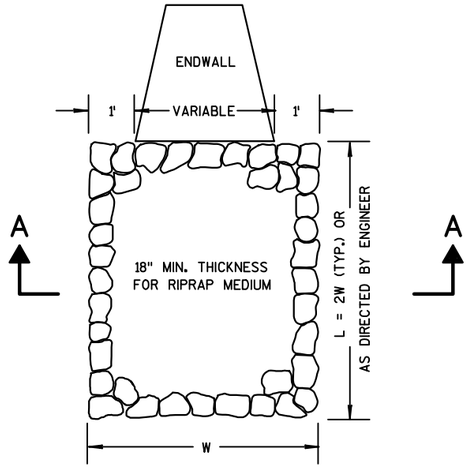


SIDE VIEW (MULTIPLE LAYER)

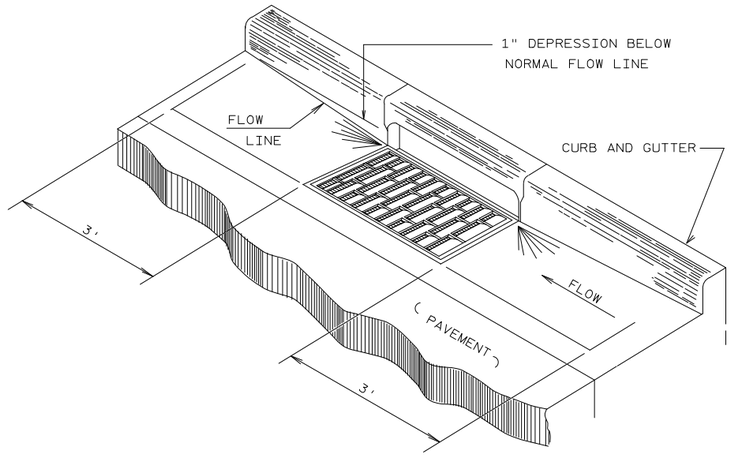
TEMPORARY DITCH CHECKS



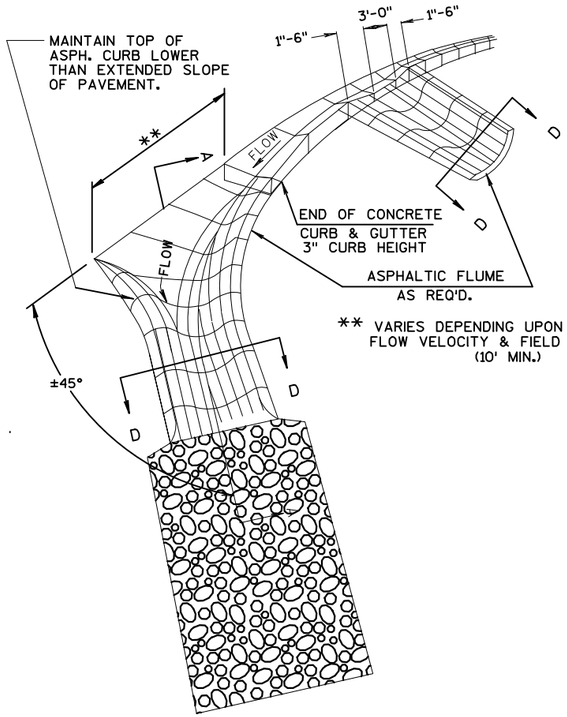
SECTION A-A



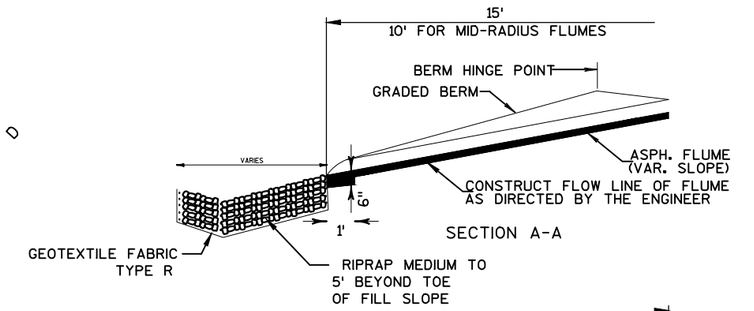
RIPRAP MEDIUM TREATMENT AT CULVERTS



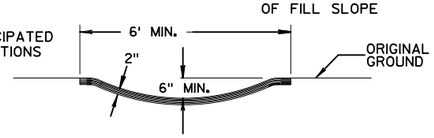
INLET FLOW LINE DETAIL (STORM SEWER INLETS)



** VARIES DEPENDING UPON ANTICIPATED FLOW VELOCITY & FIELD CONDITIONS (10' MIN.)



SECTION A-A

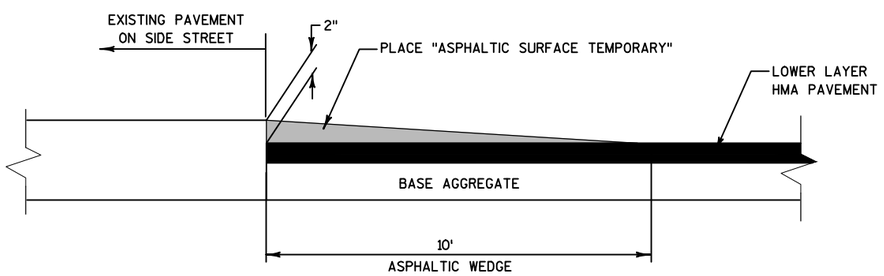


SECTION D-D

ASPHALTIC FLUME DETAIL

SEE EROSION CONTROL AND PLAN & PROFILE SHEETS FOR LOCATIONS

SEE SDD "CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES" FOR DETAILS NOT SHOWN.



NOTE:

REMOVAL OF ASPHALTIC WEDGES WILL BE PAID FOR AS "REMOVING ASPHALTIC SURFACE BUTT JOINT".

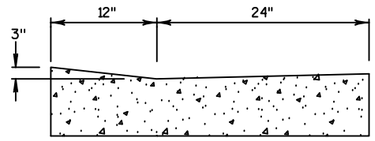
TEMPORARY WEDGES DETAIL (MATCH POINTS)

(MATCH POINTS)

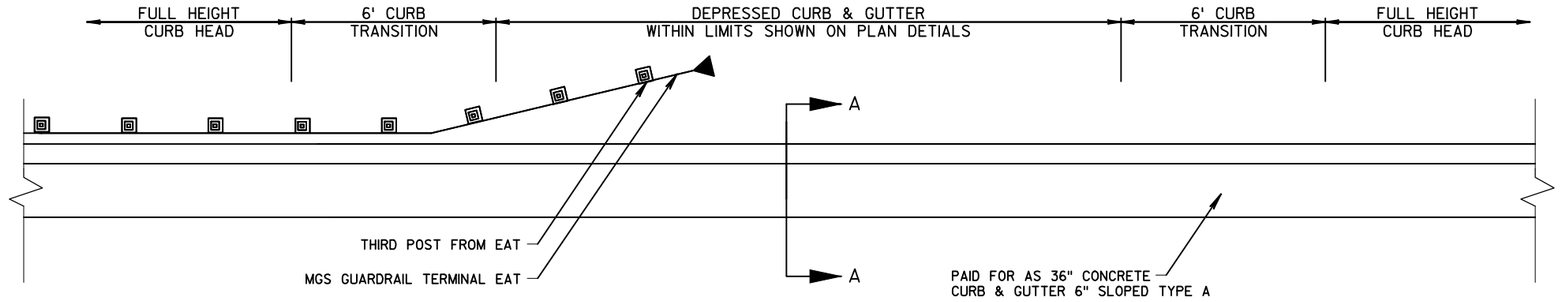
NOTE: PROVIDE ASPHALTIC WEDGE PRIOR TO OPENING LANE TO TRAFFIC.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CONSTRUCTION DETAILS	SHEET	E

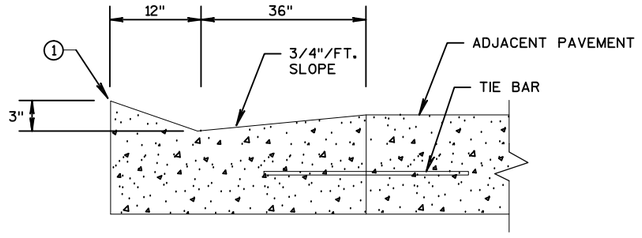
2



SECTION A-A
DEPRESSED CURB



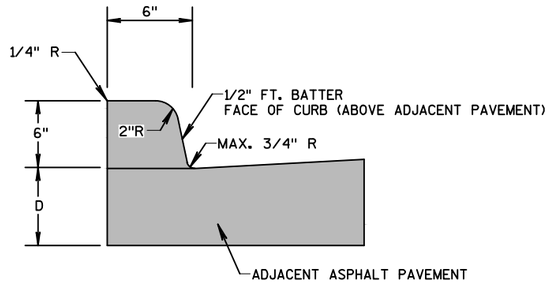
DEPRESSED CURB HEAD AT BEAM GUARD TERMINAL



NOTE:
SEE S.D.D. "CONCRETE CURB, CONCRETE CURB & GUTTER AND PAVEMENT TIES" FOR ADDITIONAL INFORMATION AND TYPICAL TIE BAR LOCATION.

(1) BACK OF CURB ELEVATION TO MATCH FLAG OF CURB ELEVATION.

CONCRETE CURB & GUTTER 36-INCH 4-INCH SLOPED TYPE A FULL DEPTH



D = DEPTH OF ADJACENT ASPHALT PAVEMENT

TEMPORARY ASPHALTIC CURB DETAIL

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CONSTRUCTION DETAILS	SHEET	E

2

N

DETAIL 1

DETAIL 2

DETAIL 3

DETAIL 4

18+50'W' 19+00'W' 19+50'W' 20+00'W' 20+50'W' 21+00'W' 21+50'W' 22+00'W'

18+50'E' 19+00'E' 19+50'E' 20+00'E' 20+50'E' 21+00'E' 21+50'E' 22+00'E'

66+00'S' 66+00'N' 65+50'S' 65+50'N' 65+00'S' 65+00'N' 64+50'S' 64+50'N' 64+00'S' 64+00'N'

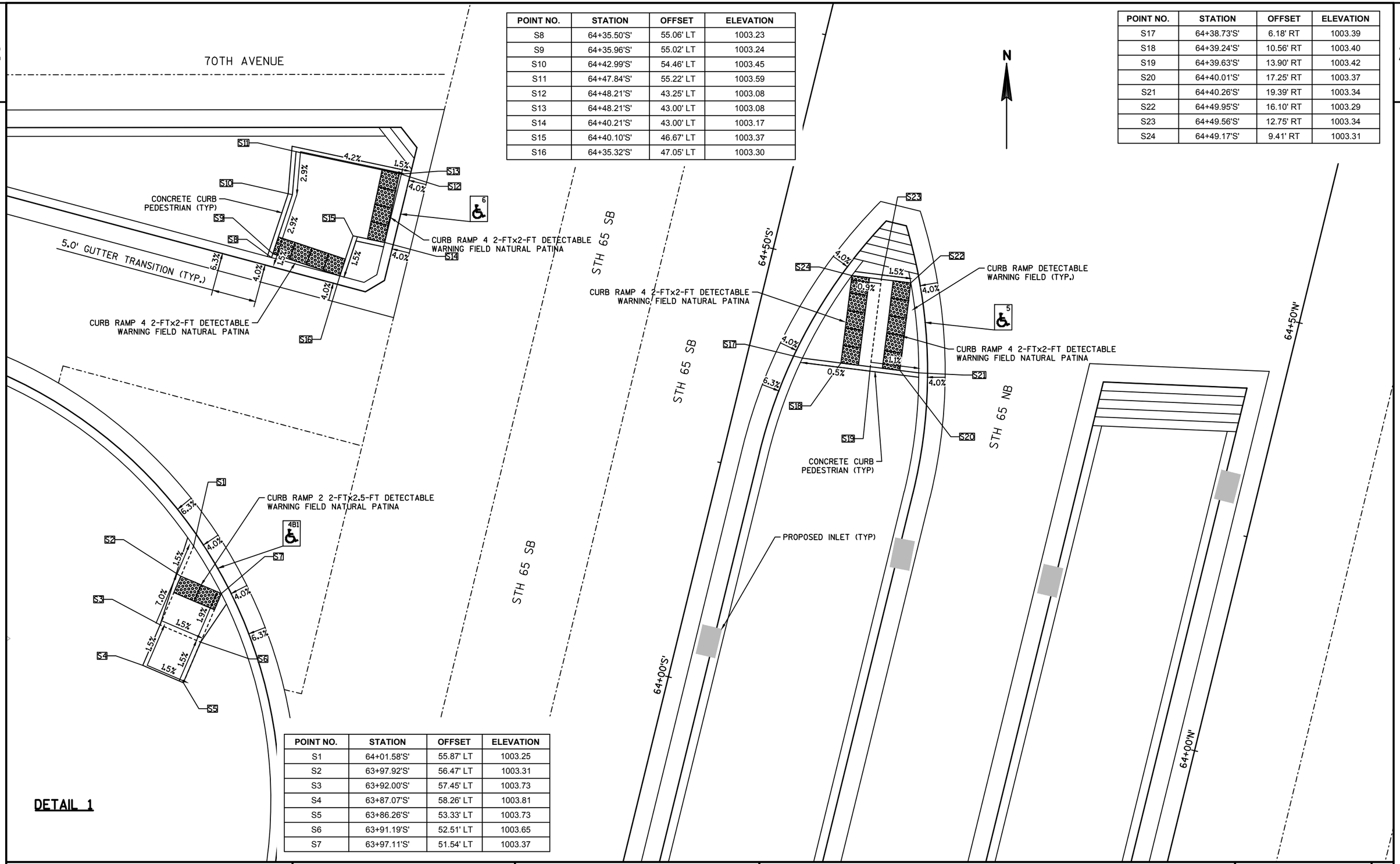
CURB RAMP DETAIL

STH 65 & 7TH AVE.

THIS DETAIL SUPPLEMENTS STANDARD DETAIL DRAWINGS CURB RAMPS TYPES 4B1, 5, AND 6.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CURB RAMP DETAILS OVERVIEW	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021002-CD.DWG
LAYOUT NAME - ****
PLOT DATE : 5/4/2017 8:44 AM
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE : **********



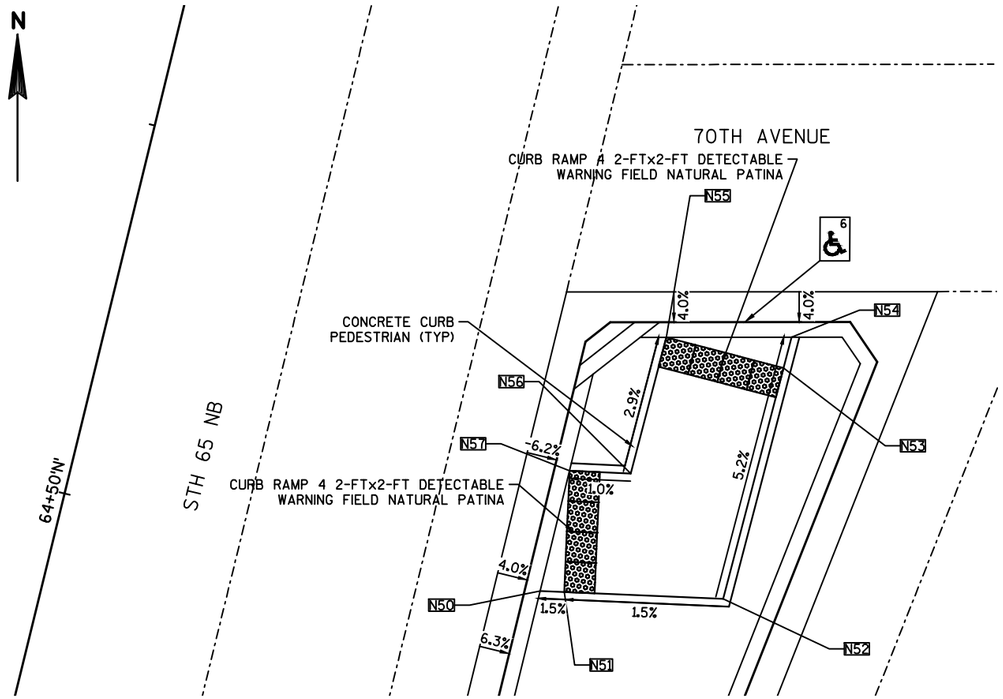
POINT NO.	STATION	OFFSET	ELEVATION
S8	64+35.50'S'	55.06' LT	1003.23
S9	64+35.96'S'	55.02' LT	1003.24
S10	64+42.99'S'	54.46' LT	1003.45
S11	64+47.84'S'	55.22' LT	1003.59
S12	64+48.21'S'	43.25' LT	1003.08
S13	64+48.21'S'	43.00' LT	1003.08
S14	64+40.21'S'	43.00' LT	1003.17
S15	64+40.10'S'	46.67' LT	1003.37
S16	64+35.32'S'	47.05' LT	1003.30

POINT NO.	STATION	OFFSET	ELEVATION
S17	64+38.73'S'	6.18' RT	1003.39
S18	64+39.24'S'	10.56' RT	1003.40
S19	64+39.63'S'	13.90' RT	1003.42
S20	64+40.01'S'	17.25' RT	1003.37
S21	64+40.26'S'	19.39' RT	1003.34
S22	64+49.95'S'	16.10' RT	1003.29
S23	64+49.56'S'	12.75' RT	1003.34
S24	64+49.17'S'	9.41' RT	1003.31

POINT NO.	STATION	OFFSET	ELEVATION
S1	64+01.58'S'	55.87' LT	1003.25
S2	63+97.92'S'	56.47' LT	1003.31
S3	63+92.00'S'	57.45' LT	1003.73
S4	63+87.07'S'	58.26' LT	1003.81
S5	63+86.26'S'	53.33' LT	1003.73
S6	63+91.19'S'	52.51' LT	1003.65
S7	63+97.11'S'	51.54' LT	1003.37

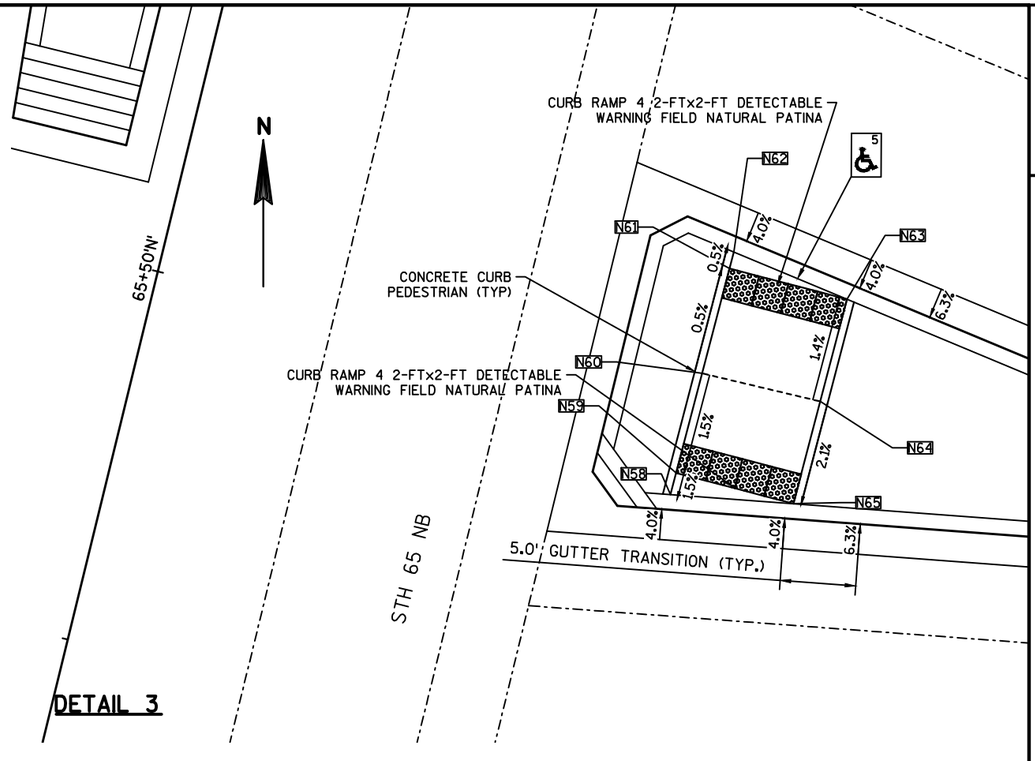
DETAIL 1

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CURB RAMP DETAILS	SHEET	E



DETAIL 2

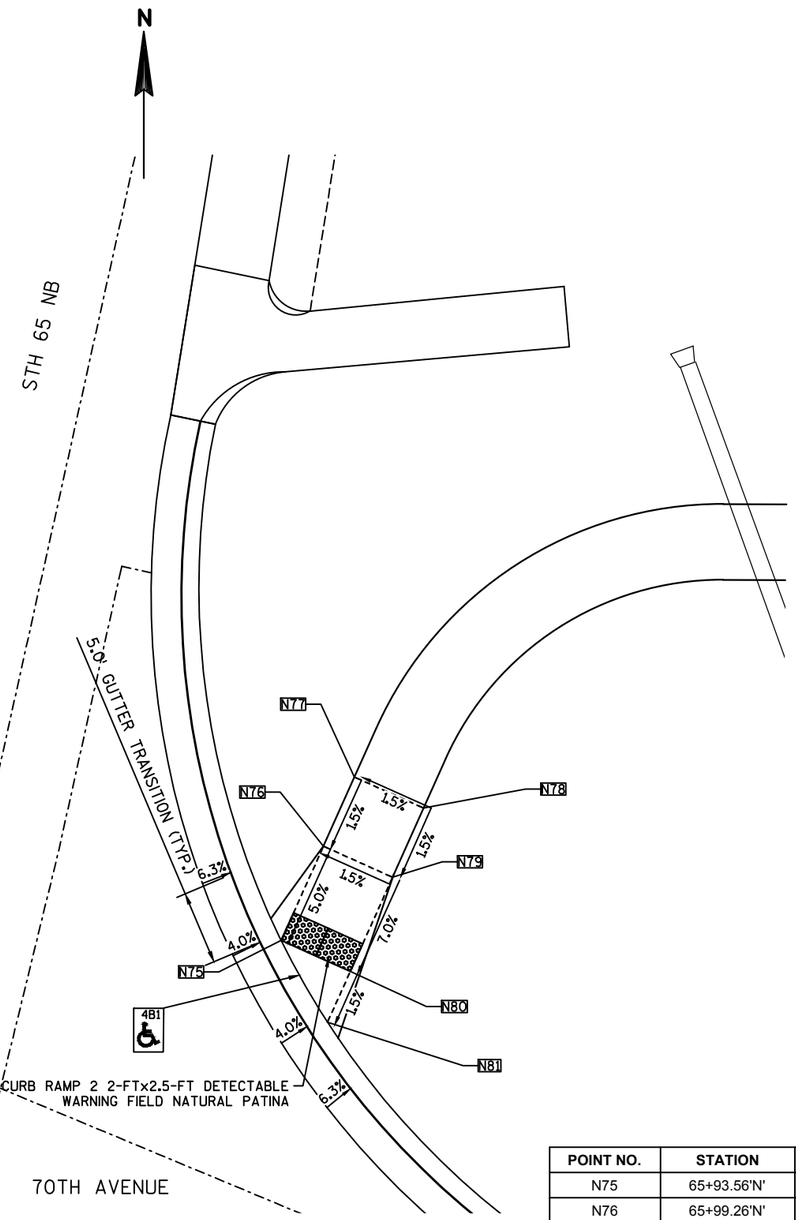
POINT NO.	STATION	OFFSET	ELEVATION
N50	64+51.22'N'	32.00' RT	1001.88
N51	64+51.53'N'	33.57' RT	1001.90
N52	64+53.58'N'	43.86' RT	1002.06
N53	64+69.32'N'	44.10' RT	1001.24
N54	64+71.42'N'	44.14' RT	1001.21
N55	64+69.45'N'	36.11' RT	1001.54
N56	64+60.16'N'	35.96' RT	1001.81
N57	64+59.37'N'	32.00' RT	1001.77



DETAIL 3

POINT NO.	STATION	OFFSET	ELEVATION
N58	65+43.74'N'	36.36' RT	1000.81
N59	65+45.21'N'	36.38' RT	1000.83
N60	65+52.00'N'	36.49' RT	1000.93
N61	65+59.15'N'	36.60' RT	1000.89
N62	65+60.27'N'	36.62' RT	1000.88
N63	65+59.03'N'	44.60' RT	1000.75
N64	65+52.06'N'	44.49' RT	1000.85
N65	65+45.09'N'	44.38' RT	1000.70

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CURB RAMP DETAILS	SHEET	E



DETAIL 4

POINT NO.	STATION	OFFSET	ELEVATION
N75	65+93.56'N'	44.66' RT	1000.56
N76	65+99.26'N'	45.99' RT	1000.90
N77	66+04.16'N'	47.00' RT	1000.98
N78	66+03.15'N'	51.90' RT	1001.06
N79	65+98.25'N'	50.89' RT	1000.98
N80	65+92.66'N'	49.58' RT	1000.50
N81	65+89.04'N'	48.92' RT	1000.45

PLAN DETAILS LEGEND

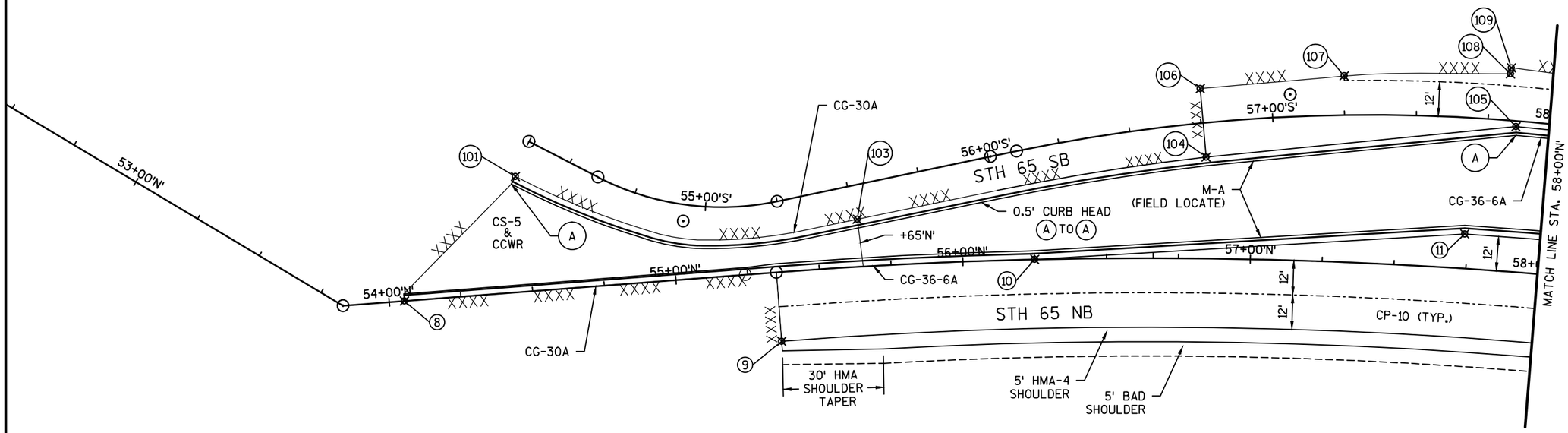
▨	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
▬	PROPOSED INLET
●	PROPOSED MANHOLE
CS-5	CONCRETE SIDEWALK 5-INCH
xxxx	SAWING ASPHALT/CONCRETE
(XX)	LAYOUT POINT NUMBER
CCM	CONCRETE CORRUGATED MEDIAN
SN-1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN-2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
BN	CONCRETE MEDIAN BLUNT NOSE
▷	PROPOSED ENDWALL
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
	ANTICIPATED CONCRETE JOINTING

CG-36-4A	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG-36-6A	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
CG-36-6D	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
XXX	DRIVEWAY REMOVAL
M-A	MAINTENANCE ACCESS, SEE CONSTRUCTION DETAIL
CP-10	CONCRETE PAVEMENT 10-INCH
CRTA-12	CONCRETE ROUNDABOUT TRUCK APRON
CCWR	COLORING CONCRETE WISDOT RED
HMA-2	HMA PAVEMENT 4MT 58-34H (2-INCH, UPPER)
HMA-4	HMA PAVEMENT 4LT 58-34S (4-INCH)
HMA-5	HMA PAVEMENT 4LT 58-34S (2-INCH, UPPER) HMA PAVEMENT 4LT 58-28S (3-INCH, LOWER)
HMA-6	HMA PAVEMENT 4MT 58-34H (2.5-INCH, UPPER) HMA PAVEMENT 4MT 58-28S (3.5 INCH, LOWER)

SHEET 1 OF 10

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	PLAN DETAILS: LEGEND	SHEET	E

2



STH 65 'S' POINTS

POINT	STATION	OFFSET	DESCRIPTION
101	54+35.28'S'	12.96' RT	EDGE OF CURB & GUTTER
103	55+51.00'S'	11.83' RT	EDGE OF CURB & GUTTER
104	56+75.65'S'	11.92' RT	EDGE OF CURB & GUTTER
105	57+84.87'S'	2.00' RT	EDGE OF CURB & GUTTER
106	56+75.89'S'	12.00' LT	EDGE OF PAVEMENT
107	57+25.09'S'	13.65' LT	EDGE OF PAVEMENT
108	57+81.54'S'	16.12' LT	EDGE OF PAVEMENT
109	57+81.65'S'	18.26' LT	EDGE OF PAVEMENT

STH 65 'N' POINTS

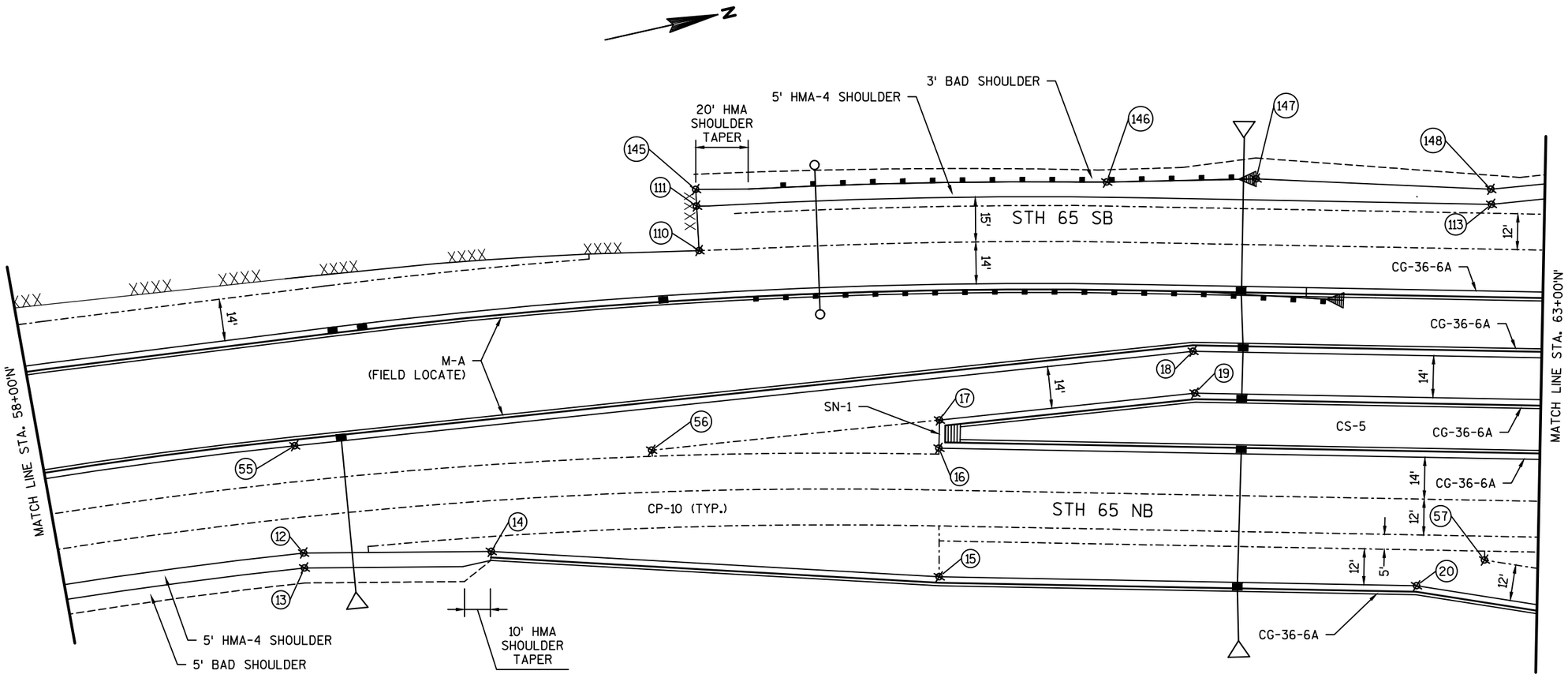
POINT	STATION	OFFSET	DESCRIPTION
8	54+05.30'N'	0.00' RT	END OF CURB & GUTTER
9	55+35.03'N'	24.00' RT	EDGE OF PAVEMENT
10	56+25.00'N'	0.00' RT	BEGIN OF TAPER
11	57+73.83'N'	12.00' LT	EDGE OF CURB & GUTTER

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD.DWG PLOT DATE : 5/31/2017 3:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

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STH 65 'S' POINTS

POINT	STATION	OFFSET	DESCRIPTION
110	60+24.19'S'	12.33' LT	EDGE OF PAVEMENT
111	60+24.25'S'	27.21' LT	EDGE OF PAVEMENT
112	NOT USED		
113	62+88.25'S'	27.00' LT	EDGE OF PAVEMENT
145	60+24.27'S'	32.77' LT	EDGE OF PAVEMENT
146	61+59.56'S'	32.04' LT	TAPER POINT
147	62+09.36'S'	34.00' LT	TAPER POINT
148	62+87.95'S'	32.00' LT	EDGE OF PAVEMENT

STH 65 'N' POINTS

POINT	STATION	OFFSET	DESCRIPTION
12	58+83.38'N'	24.00' RT	EDGE OF PAVEMENT
13	58+83.13'N'	29.00' RT	EDGE OF GRAVEL
14	59+46.98'N'	29.00' RT	EDGE OF CURB & GUTTER
15	60+99.74'N'	41.00' RT	EDGE OF CURB & GUTTER
16	60+98.85'N'	2.00' LT	EDGE OF CURB & GUTTER
17	60+98.85'N'	11.43' LT	EDGE OF CURB & GUTTER
18	61+83.28'N'	36.01' LT	EDGE OF CURB & GUTTER
19	61+84.14'N'	22.00' LT	EDGE OF CURB & GUTTER
20	62+59.51'N'	41.00' RT	EDGE OF CURB & GUTTER
55	58+84.23'N'	12.00' LT	EDGE OF CURB & GUTTER
56	60+02.79'N'	2.00' LT	JOINT
57	62+82.09'N'	32.00 RT'	JOINT

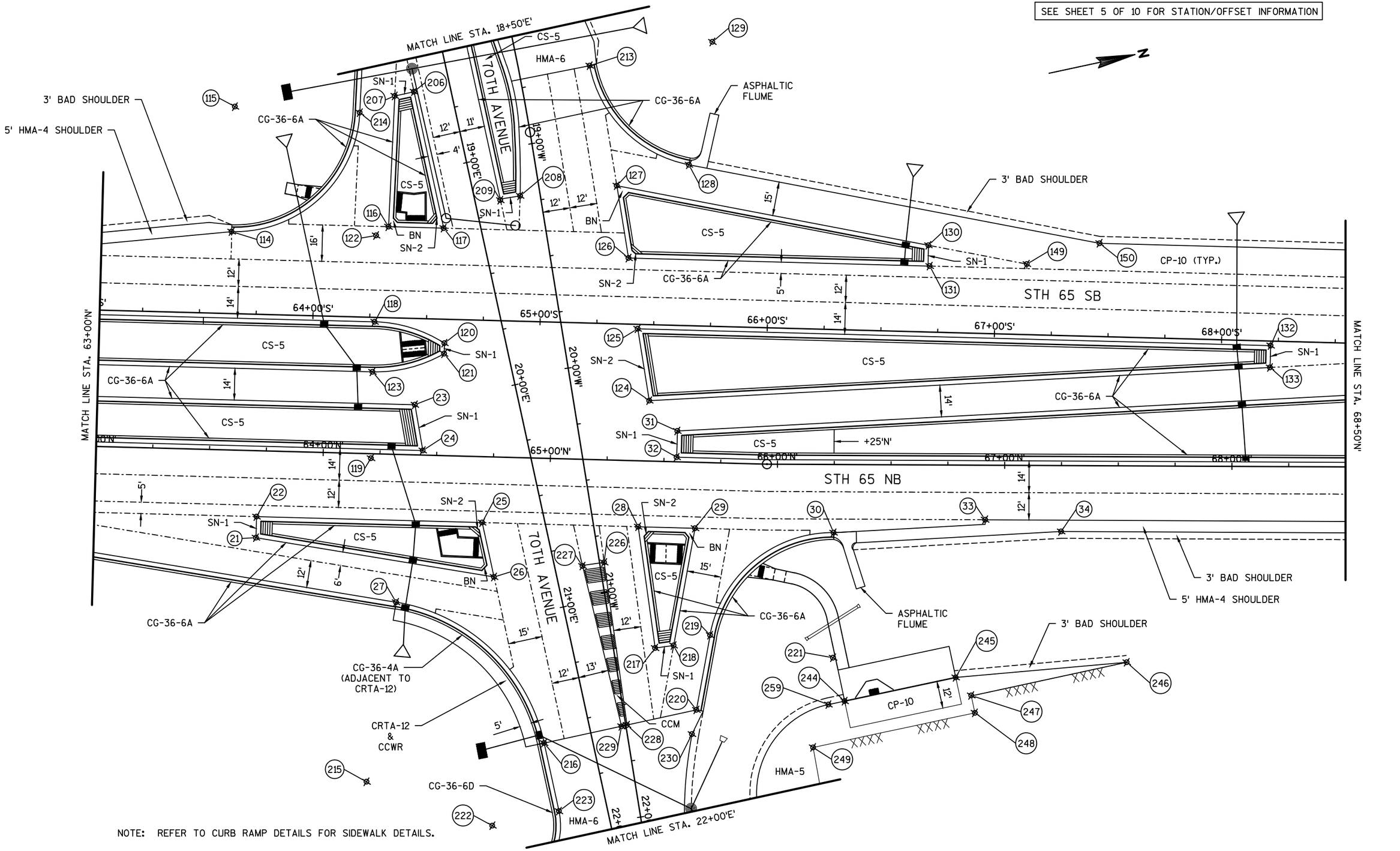
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD.DWG PLOT DATE : 5/31/2017 3:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

SEE SHEET 5 OF 10 FOR STATION/OFFSET INFORMATION



SHEET 4 OF 10

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD.DWG PLOT DATE : 5/31/2017 3:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

STH 65 'S' POINTS

POINT	STATION	OFFSET	DESCRIPTION
114	63+63.25'S'	36.00' LT	EDGE OF CURB & GUTTER
115	63+63.25'S'	91.00' LT	RAD 55'
116	64+32.17'S'	40.00' LT	EDGE OF PAVEMENT
117	64+56.47'S'	40.00' LT	EDGE OF PAVEMENT
118	64+27.19'S'	2.00' RT	EDGE OF CURB & GUTTER
119	64+27.19'S'	62.00' RT	RAD 60'
120	64+58.12'S'	10.58' RT	EDGE OF CURB & GUTTER
121	64+58.12'S'	15.19' RT	EDGE OF CURB & GUTTER
122	64+26.82'S'	36.00' LT	RAD 60'
123	64+26.82'S'	24.00' RT	EDGE OF CURB & GUTTER
124	65+48.93'S'	33.43' RT	EDGE OF CURB & GUTTER
125	65+42.99'S'	2.00' RT	EDGE OF CURB & GUTTER
126	65+38.15'S'	29.00' LT	EDGE OF CURB & GUTTER
127	65+32.16'S'	60.69' LT	EDGE OF CURB & GUTTER
128	65+63.63'S'	70.74' LT	EDGE OF CURB & GUTTER
129	65+72.52'S'	125.02' LT	RAD 55'
130	66+69.93'S'	38.13' LT	EDGE OF CURB & GUTTER
131	66+70.72'S'	29.00' LT	EDGE OF CURB & GUTTER
132	68+21.62'S'	2.00' RT	EDGE OF CURB & GUTTER
133	68+21.62'S'	11.62' RT	EDGE OF CURB & GUTTER
149	67+13.44'S'	31.00' LT	JOINT
150	67+45.19'S'	41.00' LT	TAPER POINT

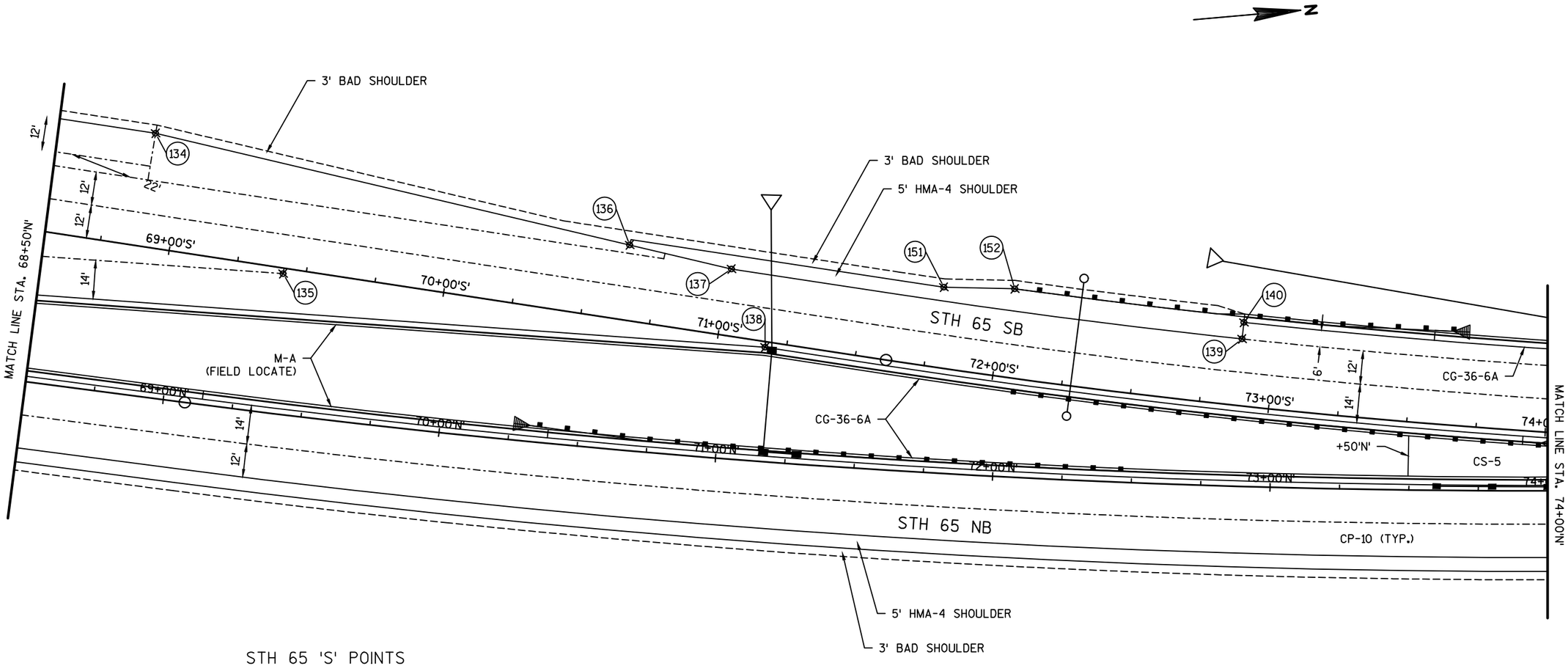
STH 65 'N' POINTS

POINT	STATION	OFFSET	DESCRIPTION
21	63+71.45'N'	38.27' RT	EDGE OF CURB & GUTTER
22	63+71.45'N'	29.00' RT	EDGE OF CURB & GUTTER
23	64+39.83'N'	22.00' LT	EDGE OF CURB & GUTTER
24	64+43.83'N'	2.00' LT	EDGE OF CURB & GUTTER
25	64+70.79'N'	29.00' RT	EDGE OF CURB & GUTTER
26	64+76.64'N'	52.78' RT	EDGE OF CURB & GUTTER
27	64+33.85'N'	65.05' RT	EDGE OF CURB & GUTTER
28	65+39.47'N'	29.00' RT	EDGE OF CURB & GUTTER
29	65+64.50'N'	29.00' RT	EDGE OF CURB & GUTTER
30	66+24.86'N'	30.00' RT	EDGE OF CURB & GUTTER
31	65+55.58'N'	13.54' LT	EDGE OF CURB & GUTTER
32	65+55.58'N'	2.00' LT	EDGE OF CURB & GUTTER
33	66+91.53'N'	24.00' RT	EDGE OF CURB & GUTTER
34	67+25.01'N'	29.00' RT	EDGE OF CURB & GUTTER

70TH AVE 'E' POINTS

POINT	STATION	OFFSET	DESCRIPTION
206	18+64.62'E'	16.00' RT	EDGE OF CURB & GUTTER
207	18+64.62'E'	24.67' RT	EDGE OF CURB & GUTTER
208	19+19.32'E'	19.92' LT	EDGE OF CURB & GUTTER
209	19+19.31'E'	11.00' LT	EDGE OF CURB & GUTTER
213	18+69.88'E'	61.99' LT	EDGE OF CURB & GUTTER
214	18+68.52'E'	41.24' RT	EDGE OF CURB & GUTTER
215	21+56.71'E'	101.00' RT	RAD 80'
216	21+56.71'E'	21.00' RT	EDGE OF CURB & GUTTER
217	21+26.30'E'	35.63' LT	EDGE OF CURB & GUTTER
218	21+26.92'E'	43.78' LT	EDGE OF CURB & GUTTER
219	21+25.90'E'	60.46' LT	EDGE OF CURB & GUTTER
220	21+56.71'E'	47.59' LT	EDGE OF CURB & GUTTER
221	21+47.11'E'	111.21' LT	RAD 55'
222	21+87.37'E'	51.00' RT	RAD 30'
223	21+87.37'E'	21.00' RT	EDGE OF CURB & GUTTER
226	20+84.71'E'	21.72' LT	EDGE OF PAVEMENT
227	20+84.21'E'	12.08' LT	EDGE OF PAVEMENT
228	21+56.71'E'	16.29' LT	EDGE OF PAVEMENT
229	21+56.77'E'	13.83' LT	EDGE OF PAVEMENT
230	21+66.71'E'	43.41' LT	EDGE OF PAVEMENT
231	22+28.41'E'	28.90' LT	EDGE OF PAVEMENT
232	23+29.76'E'	23.42' LT	EDGE OF PAVEMENT
233	24+50.83'E'	18.96' LT	EDGE OF PAVEMENT
234	25+99.88'E'	17.00' LT	EDGE OF PAVEMENT
235	25+99.88'E'	17.00' RT	EDGE OF PAVEMENT
236	22+79.09'E'	17.00' RT	EDGE OF PAVEMENT
237	22+49.39'E'	49.83' RT	EDGE OF PAVEMENT
238	23+39.70'E'	21.96' LT	EDGE OF CURB & GUTTER
239	23+81.54'E'	61.92' LT	EDGE OF CURB & GUTTER
240	23+41.54'E'	61.92' LT	RAD 40'
241	24+11.54'E'	44.23' LT	EDGE OF CURB & GUTTER
242	24+40.70'E'	14.23' LT	EDGE OF CURB & GUTTER
243	24+41.54'E'	44.22' LT	RAD 30'
244	21+66.84'E'	112.13' LT	EDGE OF PAVEMENT
245	21+67.06'E'	162.12' LT	EDGE OF PAVEMENT
246	21+76.58'E'	237.07' LT	EDGE OF PAVEMENT
247	21+76.28'E'	167.10'LT	EDGE OF PAVEMENT
248	21+84.08'E'	167.06' LT	EDGE OF PAVEMENT
249	21+83.77'E'	94.25' LT	EDGE OF PAVEMENT
259	21+66.81'E'	104.85' LT	END RADIUS

2



STH 65 'S' POINTS

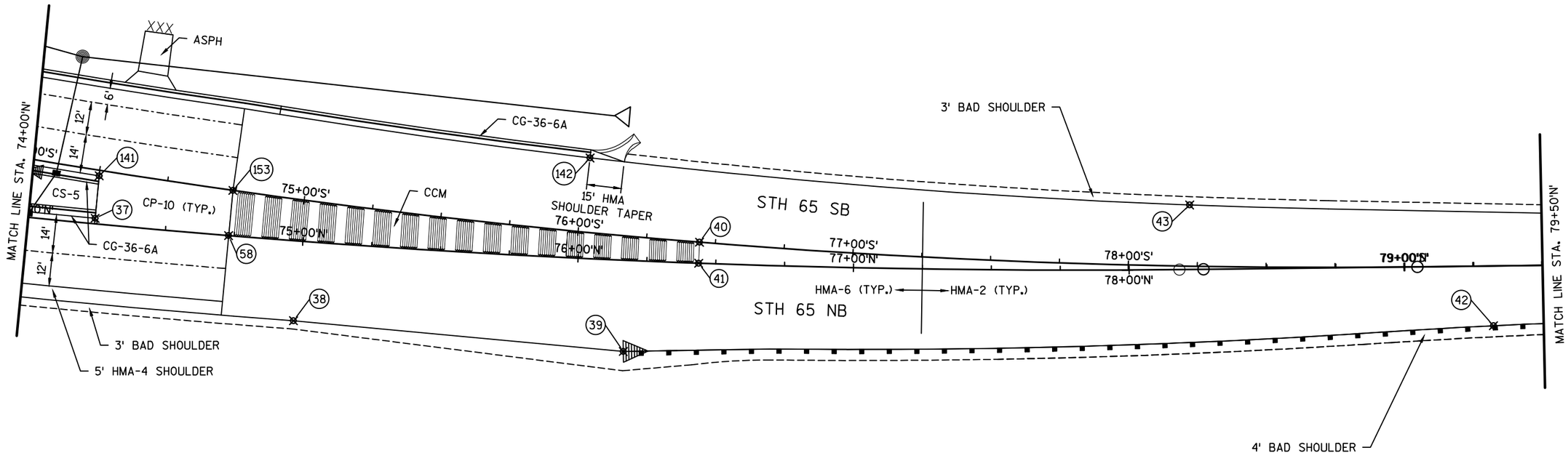
POINT	STATION	OFFSET	DESCRIPTION
134	68+88.83'S'	41.00' LT	EDGE OF PAVEMENT
135	69+41.83'S'	2.00' RT	PAVEMENT JOINT
136	70+63.65'S'	27.00' LT	EDGE OF GRAVEL
137	71+01.21'S'	24.00' LT	EDGE OF PAVEMENT
138	71+17.39'S'	2.00' LT	EDGE OF CURB & GUTTER
139	72+87.88'S'	24.00' LT	EDGE OF PAVEMENT
140	72+87.88'S'	30.00' LT	EDGE OF CURB & GUTTER
151	71+77.97'S'	29.00' LT	TAPER POINT
152	72+03.57'S'	32.00' LT	TAPER POINT

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD.DWG PLOT DATE : 5/31/2017 3:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



STH 65 'S' POINTS

POINT	STATION	OFFSET	DESCRIPTION
141	74+25.15'S'	2.00' RT	EDGE OF CURB & GUTTER
142	76+01.77'S'	27.00' LT	EDGE OF CURB & GUTTER
153	74+73.89'S'	0.00' RT	EDGE OF PAVEMENT

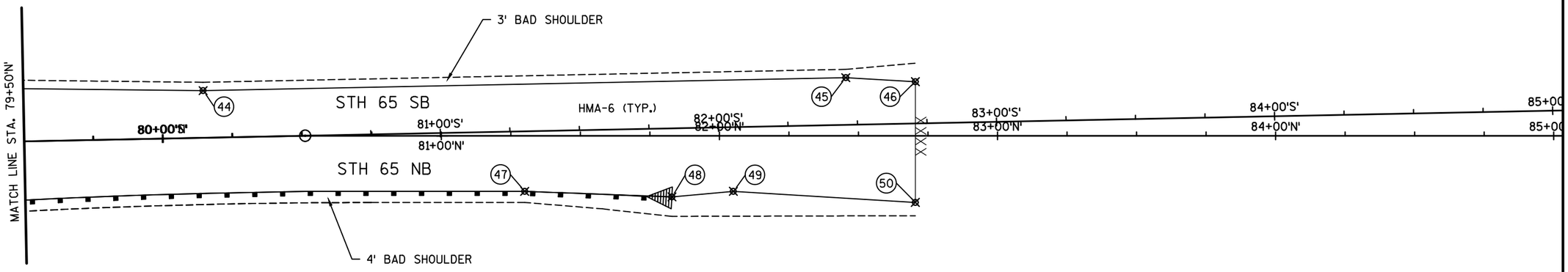
STH 65 'N' POINTS

POINT	STATION	OFFSET	DESCRIPTION
37	74+24.20'N'	2.00' LT	EDGE OF CURB & GUTTER
38	74+98.76'N'	28.98' RT	EDGE OF PAVEMENT
39	76+17.88'N'	33.08' RT	EDGE OF PAVEMENT
40	76+43.84'N'	7.63' LT	EDGE OF PAVEMENT
41	76+43.80'N'	0.00' RT	EDGE OF PAVEMENT
42	79+31.91'N'	21.70' RT	EDGE OF PAVEMENT
43	78+22.21'N'	23.46' LT	EDGE OF PAVEMENT
58	74+73.00'N'	0.00' RT	EDGE OF PAVEMENT

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD.DWG PLOT DATE : 5/31/2017 3:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

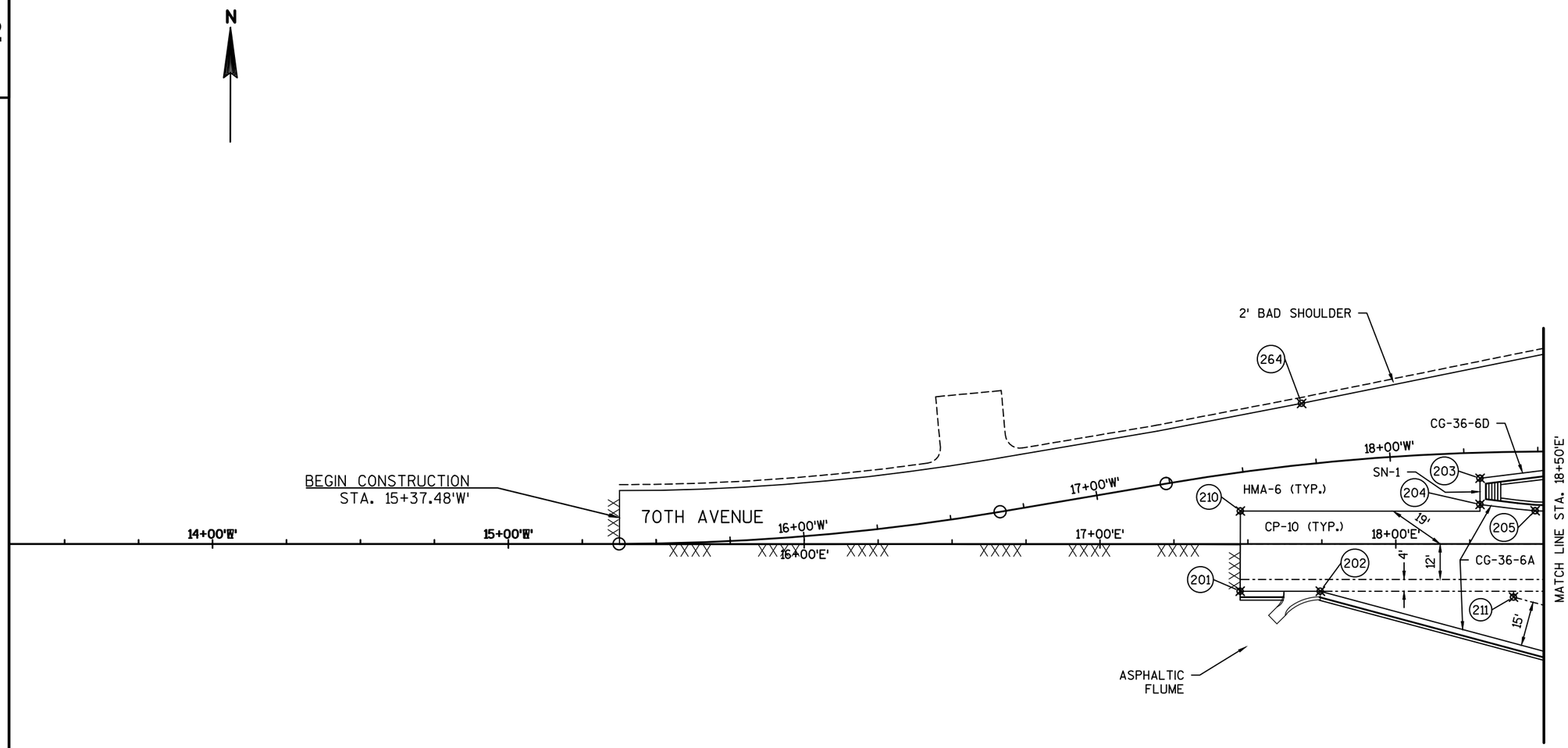
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STH 65 'N' POINTS

POINT	STATION	OFFSET	DESCRIPTION
44	80+14.69'N'	17.00' LT	EDGE OF PAVEMENT
45	82+45.45'N'	20.92' LT	EDGE OF PAVEMENT
46	82+70.45'N'	19.48' LT	EDGE OF PAVEMENT
47	81+30.00'N'	20.00' RT	EDGE OF PAVEMENT
48	81+82.94'N'	22.00' RT	EDGE OF PAVEMENT
49	82+05.01'N'	20.00' RT	EDGE OF PAVEMENT
50	82+70.45'N'	23.99' RT	EDGE OF PAVEMENT

2



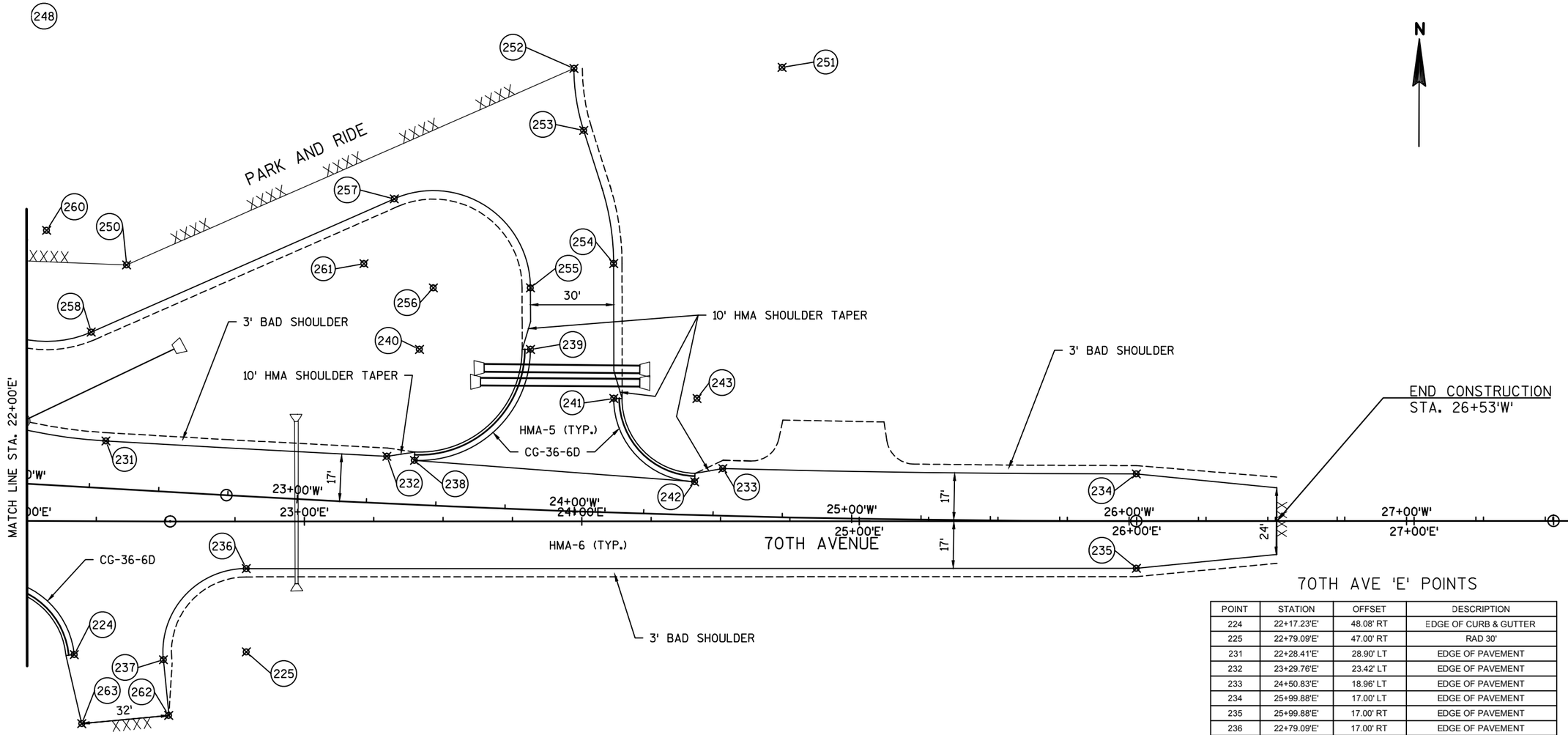
70TH AVE 'E' POINTS

POINT	STATION	OFFSET	DESCRIPTION
201	17+47.40'E'	16.00' RT	EDGE OF CURB & GUTTER
202	17+74.48'E'	16.00' RT	EDGE OF CURB & GUTTER
203	18+28.47'E'	22.16' LT	EDGE OF CURB & GUTTER
204	18+28.46'E'	13.33' LT	EDGE OF CURB & GUTTER
205	18+47.09'E'	11.19' LT	EDGE OF CURB & GUTTER
210	17+47.47'E'	11.10' LT	EDGE OF PAVEMENT
211	18+39.79'E'	18.00' RT	PAVEMENT JOINT
264	17+68.15'E'	47.48' LT	EDGE OF PAVEMENT

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD.DWG PLOT DATE : 5/31/2017 3:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



70TH AVE 'E' POINTS

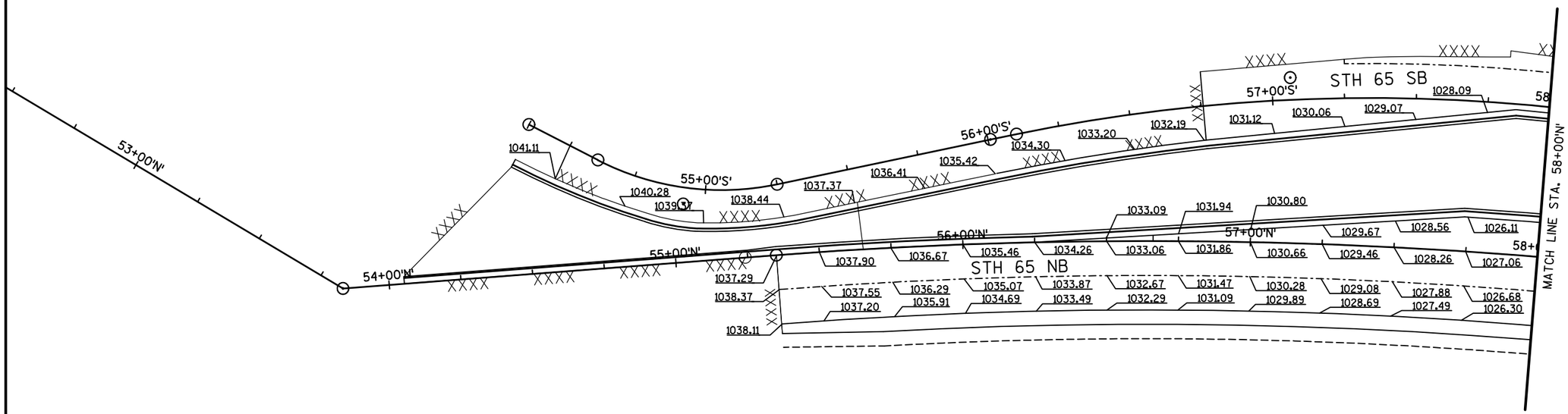
POINT	STATION	OFFSET	DESCRIPTION
224	22+17.23'E'	48.08' RT	EDGE OF CURB & GUTTER
225	22+79.09'E'	47.00' RT	RAD 30'
231	22+28.41'E'	28.90' LT	EDGE OF PAVEMENT
232	23+29.76'E'	23.42' LT	EDGE OF PAVEMENT
233	24+50.83'E'	18.96' LT	EDGE OF PAVEMENT
234	25+99.88'E'	17.00' LT	EDGE OF PAVEMENT
235	25+99.88'E'	17.00' RT	EDGE OF PAVEMENT
236	22+79.09'E'	17.00' RT	EDGE OF PAVEMENT
237	22+49.39'E'	49.83' RT	EDGE OF PAVEMENT
238	23+39.70'E'	21.96' LT	EDGE OF CURB & GUTTER
239	23+81.54'E'	61.92' LT	EDGE OF CURB & GUTTER
240	23+41.54'E'	61.92' LT	RAD 40'
241	24+11.54'E'	44.23' LT	EDGE OF CURB & GUTTER
242	24+40.70'E'	14.23' LT	EDGE OF CURB & GUTTER
243	24+41.54'E'	44.22' LT	RAD 30'
250	22+35.66	-92.319'	EDGE OF PAVEMENT
251	24+72.24	-163.462'	RAD 75'
252	23+97.24	-163.106'	EDGE OF PAVEMENT
253	24+00.74	-140.795'	EDGE OF PAVEMENT
254	24+11.54	-92.830'	EDGE OF PAVEMENT
255	23+81.54	-84.085'	EDGE OF PAVEMENT
256	23+46.54	-84.085'	RAD 35'
257	23+32.48	-116.138'	EDGE OF PAVEMENT
258	22+23.00	-68.123'	EDGE OF PAVEMENT
260	22+06.81	-104.701'	RAD 40'
261	23+21.54	-92.830'	RAD 90'
262	22+51.33	69.868'	EDGE OF PAVEMENT
263	22+20.02	72.932'	EDGE OF PAVEMENT

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD.DWG PLOT DATE : 5/31/2017 3:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

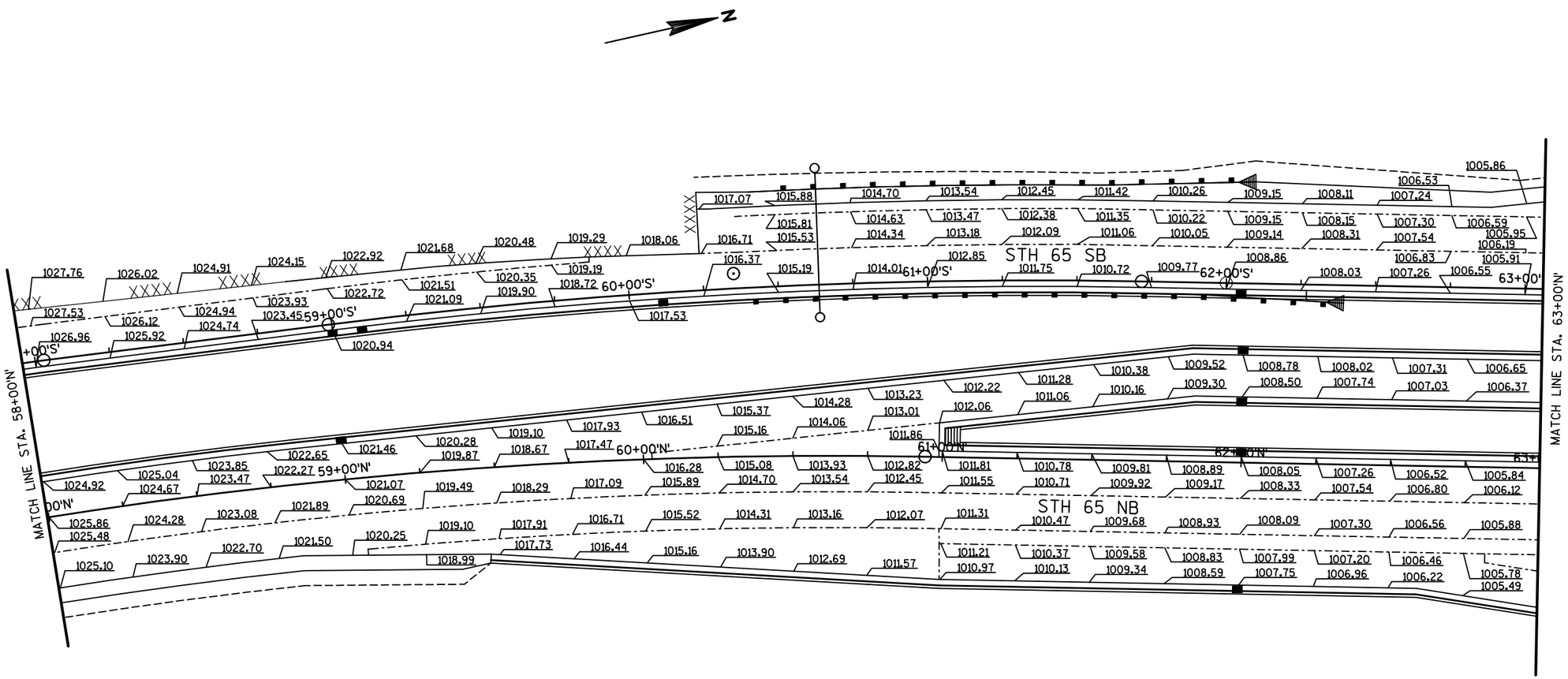
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SHEET 1 OF 6

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS - PAVING GRADES	SHEET	E

2

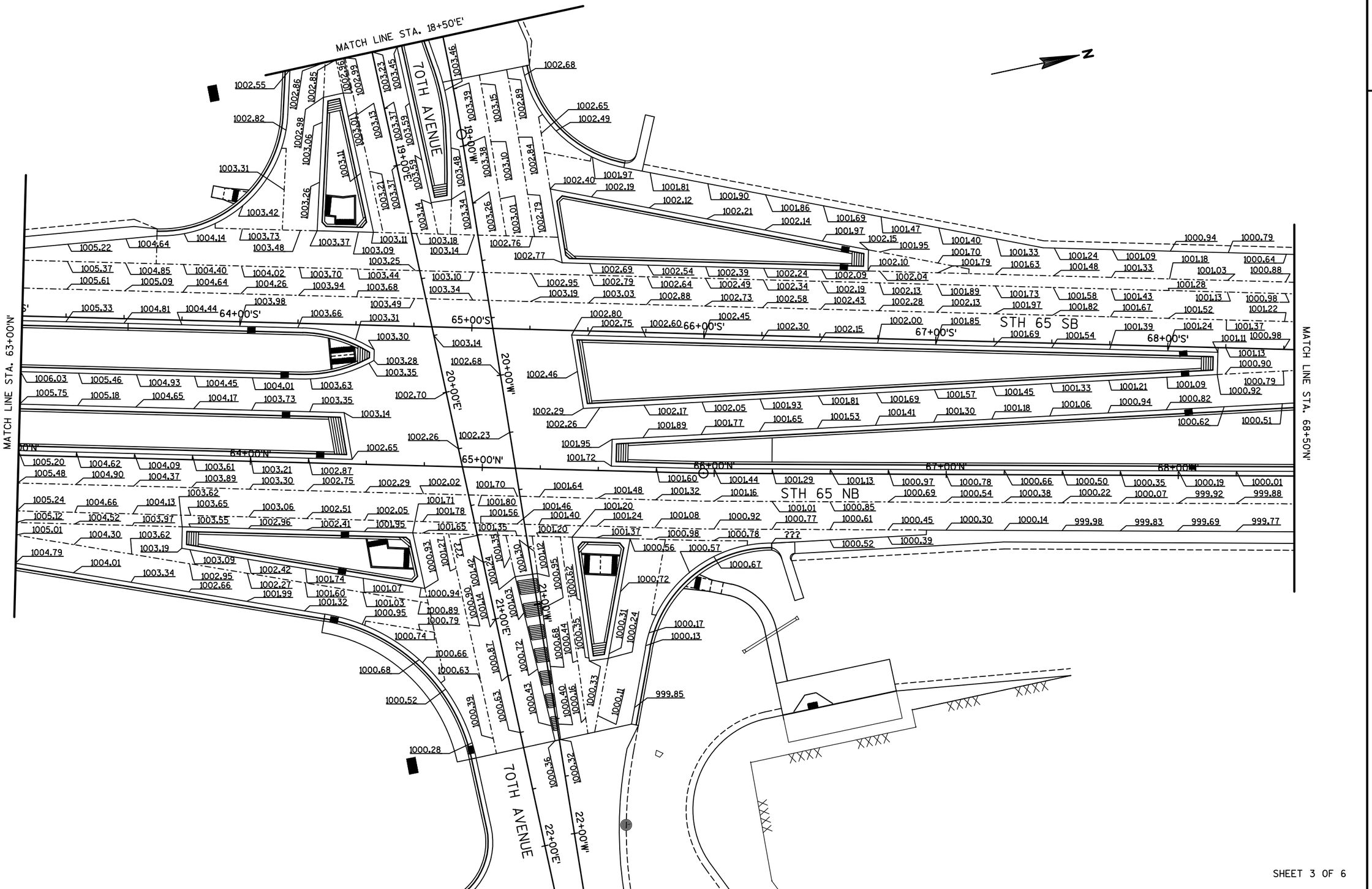


SHEET 2 OF 6

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS - PAVING GRADES	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD-PAVING GRADES.DWG DATE : 5/30/2017 2:35 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

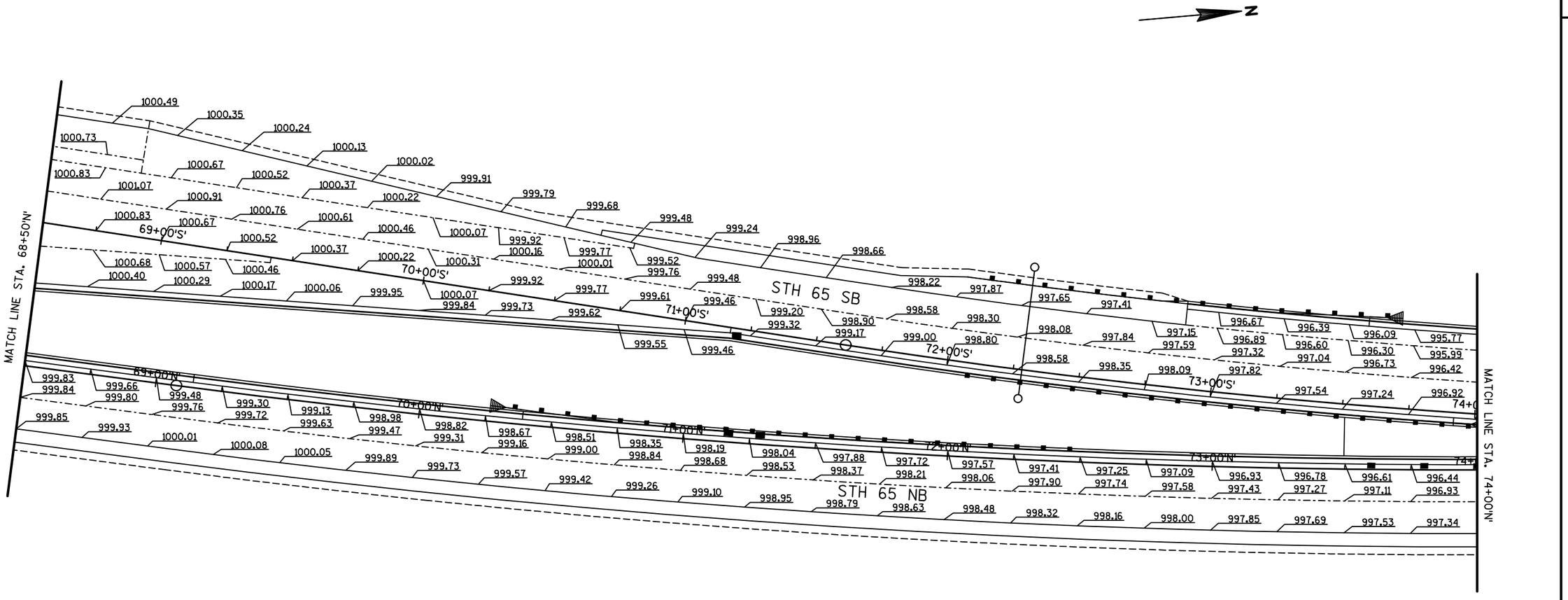
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SHEET 3 OF 6

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS - PAVING GRADES	SHEET	E

2

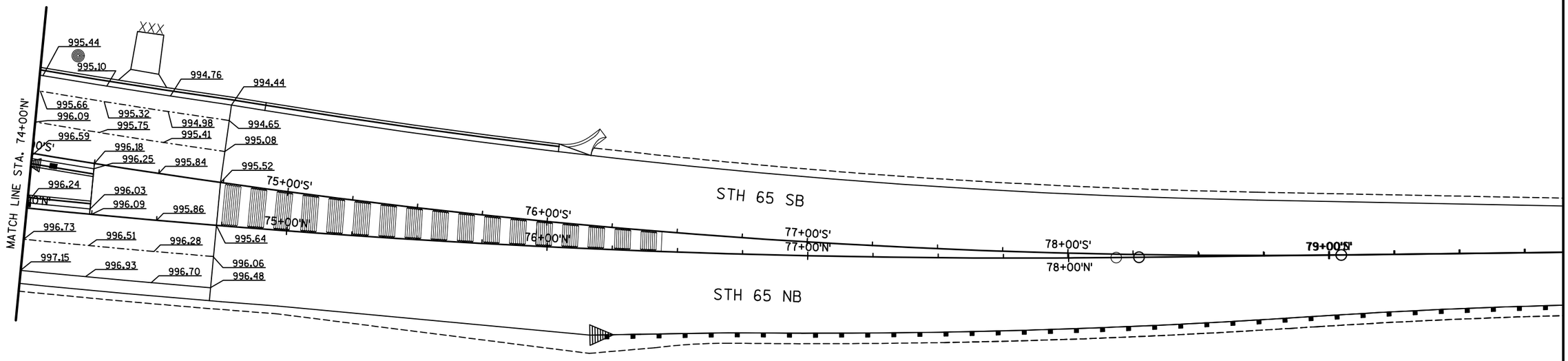


SHEET 4 OF 6

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS - PAVING GRADES	SHEET	E

2

N

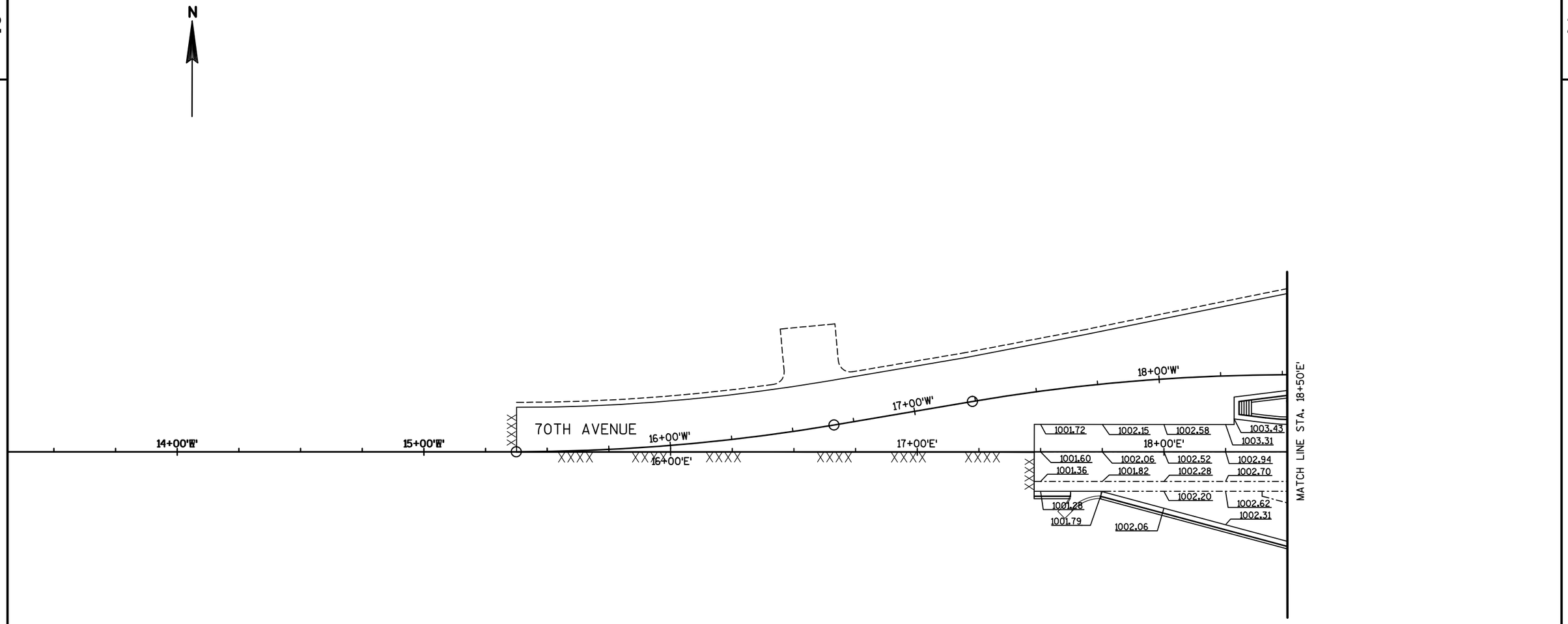


SHEET 5 OF 6

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS - PAVING GRADES	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD-PAVING GRADES.DWG PLOT DATE : 5/30/2017 2:35 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



SHEET 6 OF 6

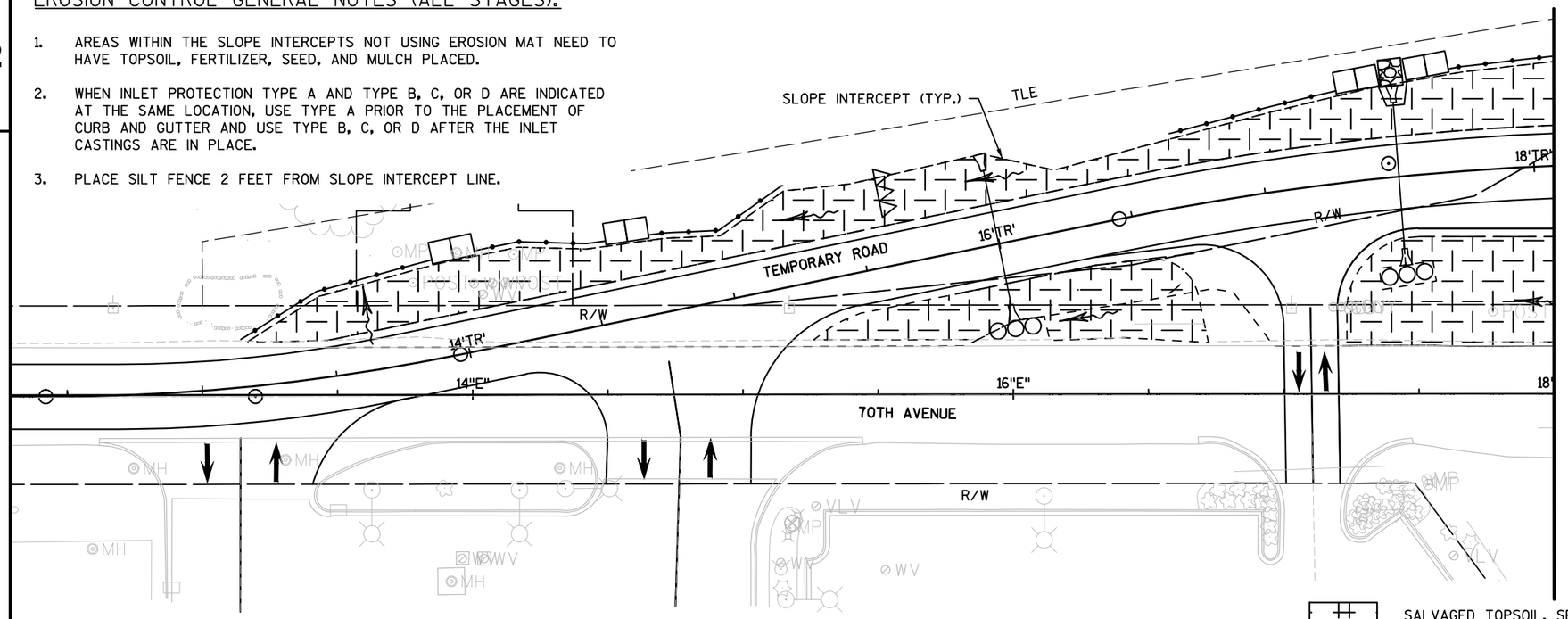
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN DETAILS - PAVING GRADES	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\021201-PD-PAVING GRADES.DWG DATE : 5/30/2017 2:35 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

EROSION CONTROL GENERAL NOTES (ALL STAGES):

1. AREAS WITHIN THE SLOPE INTERCEPTS NOT USING EROSION MAT NEED TO HAVE TOPSOIL, FERTILIZER, SEED, AND MULCH PLACED.
2. WHEN INLET PROTECTION TYPE A AND TYPE B, C, OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B, C, OR D AFTER THE INLET CASTINGS ARE IN PLACE.
3. PLACE SILT FENCE 2 FEET FROM SLOPE INTERCEPT LINE.

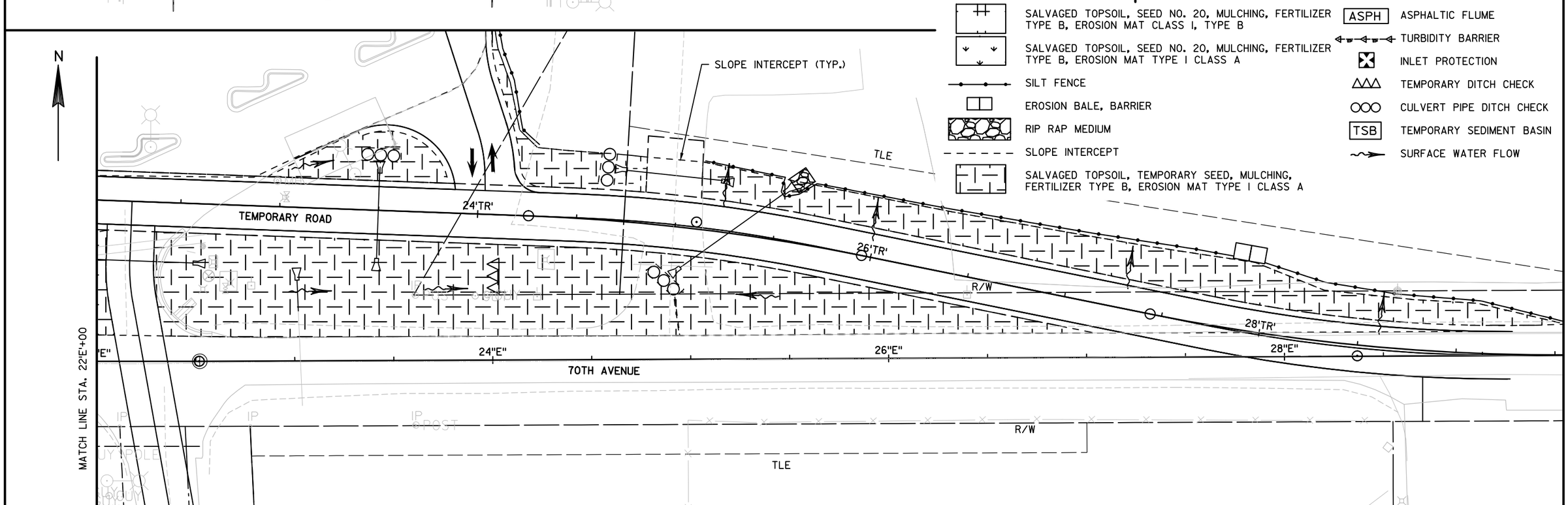




MATCH LINE STA. 18'E'+00

LEGEND

- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- SILT FENCE
- EROSION BALE, BARRIER
- RIP RAP MEDIUM
- SLOPE INTERCEPT
- SALVAGED TOPSOIL, TEMPORARY SEED, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- ASPH — ASPHALTIC FLUME
- TURBIDITY BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW



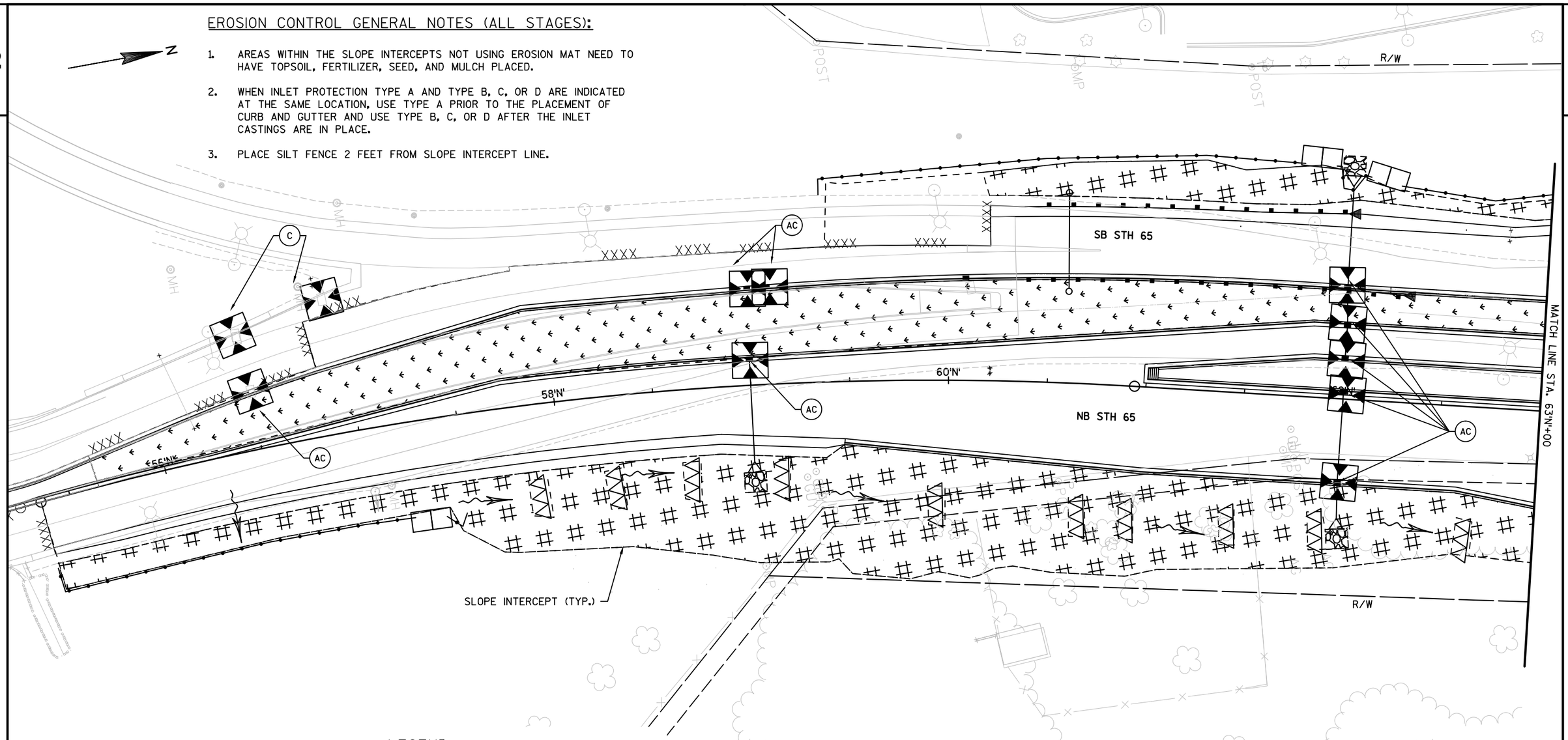
MATCH LINE STA. 22'E'+00

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	EROSION CONTROL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\022001-EC-S1.DWG PLOT DATE : 5/31/2017 1:00 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:50 FT

EROSION CONTROL GENERAL NOTES (ALL STAGES):

1. AREAS WITHIN THE SLOPE INTERCEPTS NOT USING EROSION MAT NEED TO HAVE TOPSOIL, FERTILIZER, SEED, AND MULCH PLACED.
2. WHEN INLET PROTECTION TYPE A AND TYPE B, C, OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B, C, OR D AFTER THE INLET CASTINGS ARE IN PLACE.
3. PLACE SILT FENCE 2 FEET FROM SLOPE INTERCEPT LINE.



LEGEND

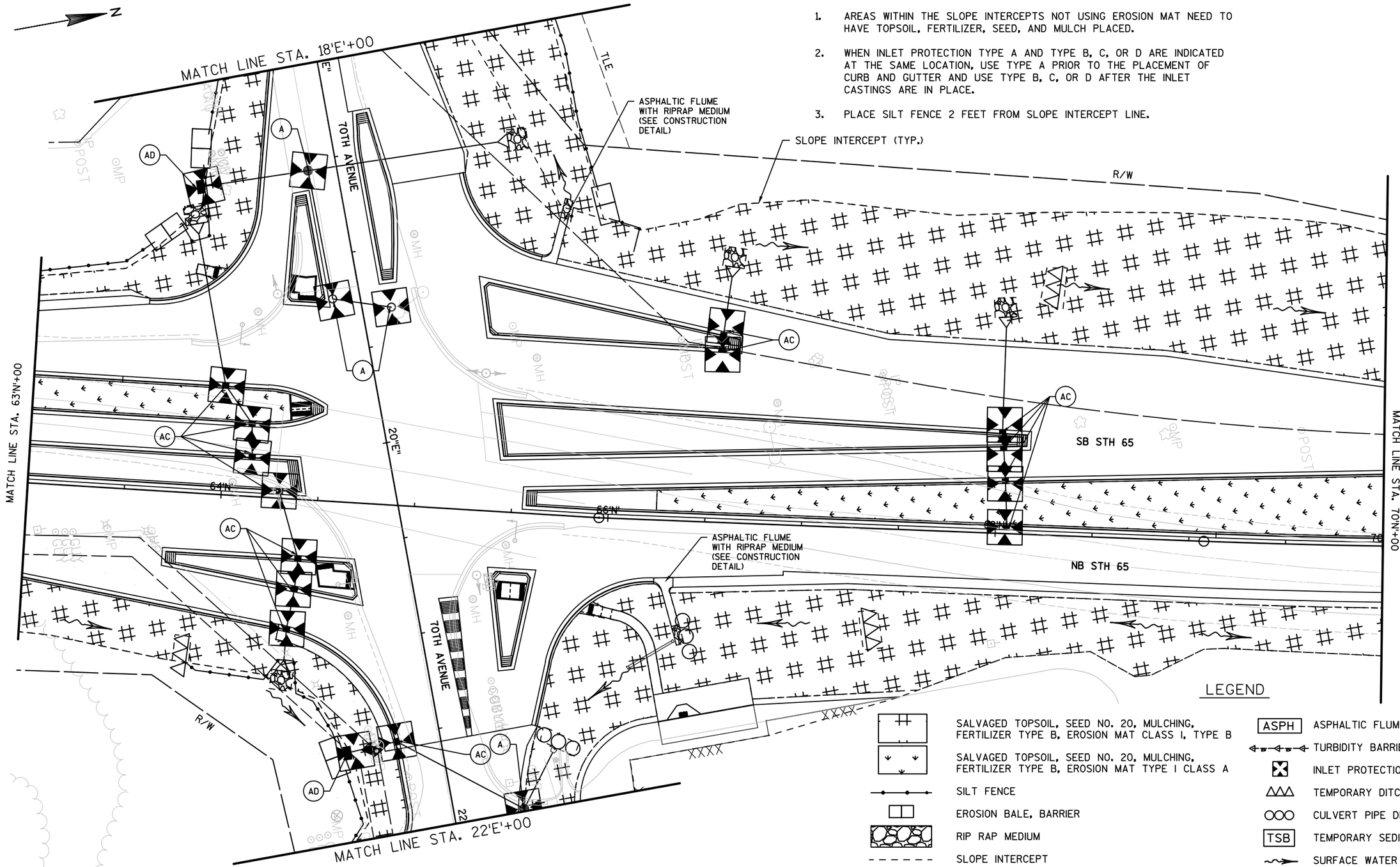
- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- SILT FENCE
- EROSION BALE, BARRIER
- RIP RAP MEDIUM
- SLOPE INTERCEPT
- SALVAGED TOPSOIL, TEMPORARY SEEDING, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- ASPH — ASPHALTIC FLUME
- TURBIDITY BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	EROSION CONTROL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\022001-EC-ALL.DWG PLOT DATE : 5/31/2017 1:01 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:50 FT

EROSION CONTROL GENERAL NOTES (ALL STAGES):

1. AREAS WITHIN THE SLOPE INTERCEPTS NOT USING EROSION MAT NEED TO HAVE TOPSOIL, FERTILIZER, SEED, AND MULCH PLACED.
2. WHEN INLET PROTECTION TYPE A AND TYPE B, C, OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B, C, OR D AFTER THE INLET CASTINGS ARE IN PLACE.
3. PLACE SILT FENCE 2 FEET FROM SLOPE INTERCEPT LINE.



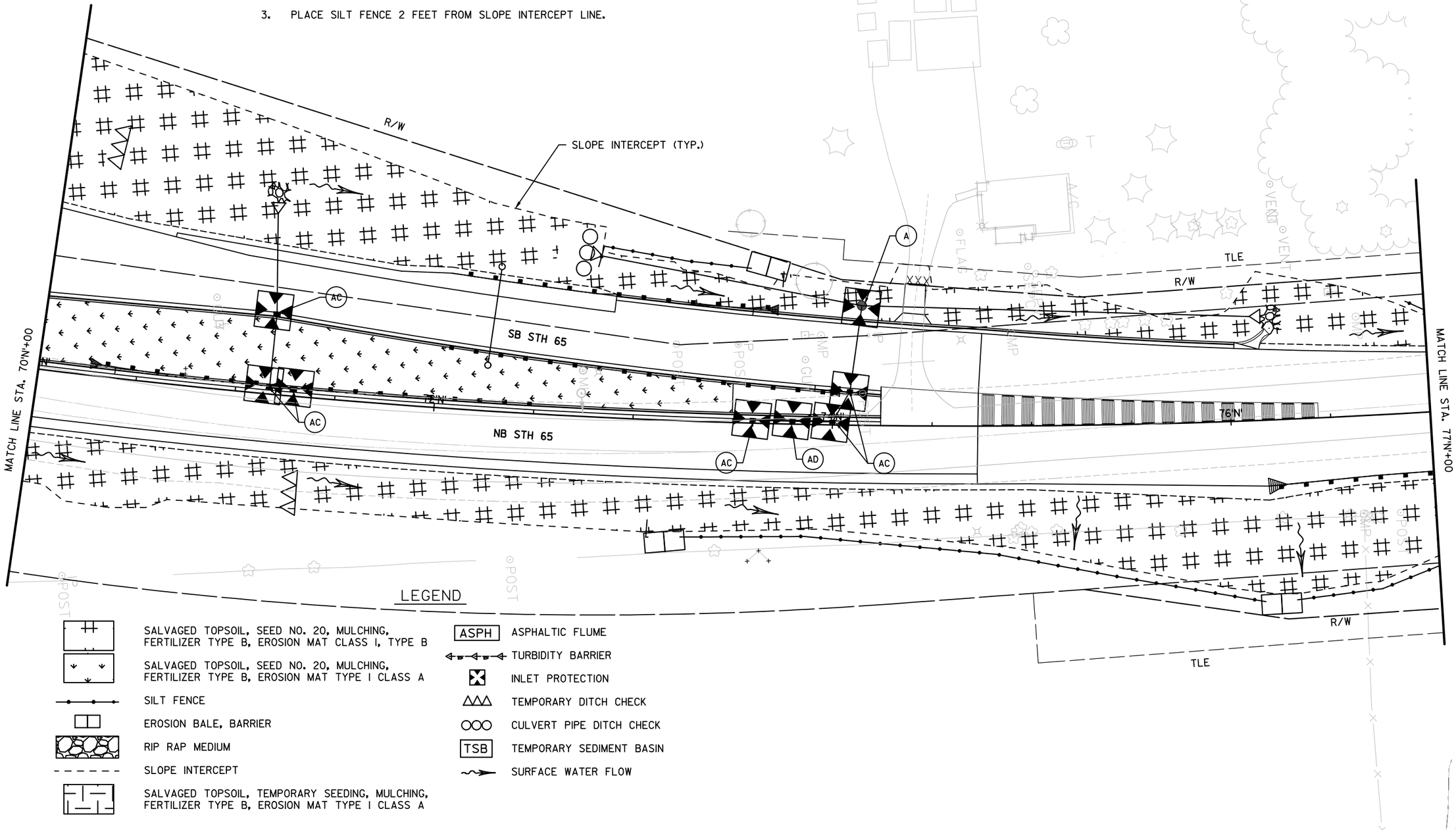
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	EROSION CONTROL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\022001-EC-ALL.DWG PLOT DATE : 5/31/2017 1:02 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

EROSION CONTROL GENERAL NOTES (ALL STAGES):

1. AREAS WITHIN THE SLOPE INTERCEPTS NOT USING EROSION MAT NEED TO HAVE TOPSOIL, FERTILIZER, SEED, AND MULCH PLACED.
2. WHEN INLET PROTECTION TYPE A AND TYPE B, C, OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B, C, OR D AFTER THE INLET CASTINGS ARE IN PLACE.
3. PLACE SILT FENCE 2 FEET FROM SLOPE INTERCEPT LINE.



LEGEND

- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- SILT FENCE
- EROSION BALE, BARRIER
- RIP RAP MEDIUM
- SLOPE INTERCEPT
- SALVAGED TOPSOIL, TEMPORARY SEEDING, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- ASPH — ASPHALTIC FLUME
- TURBIDITY BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW

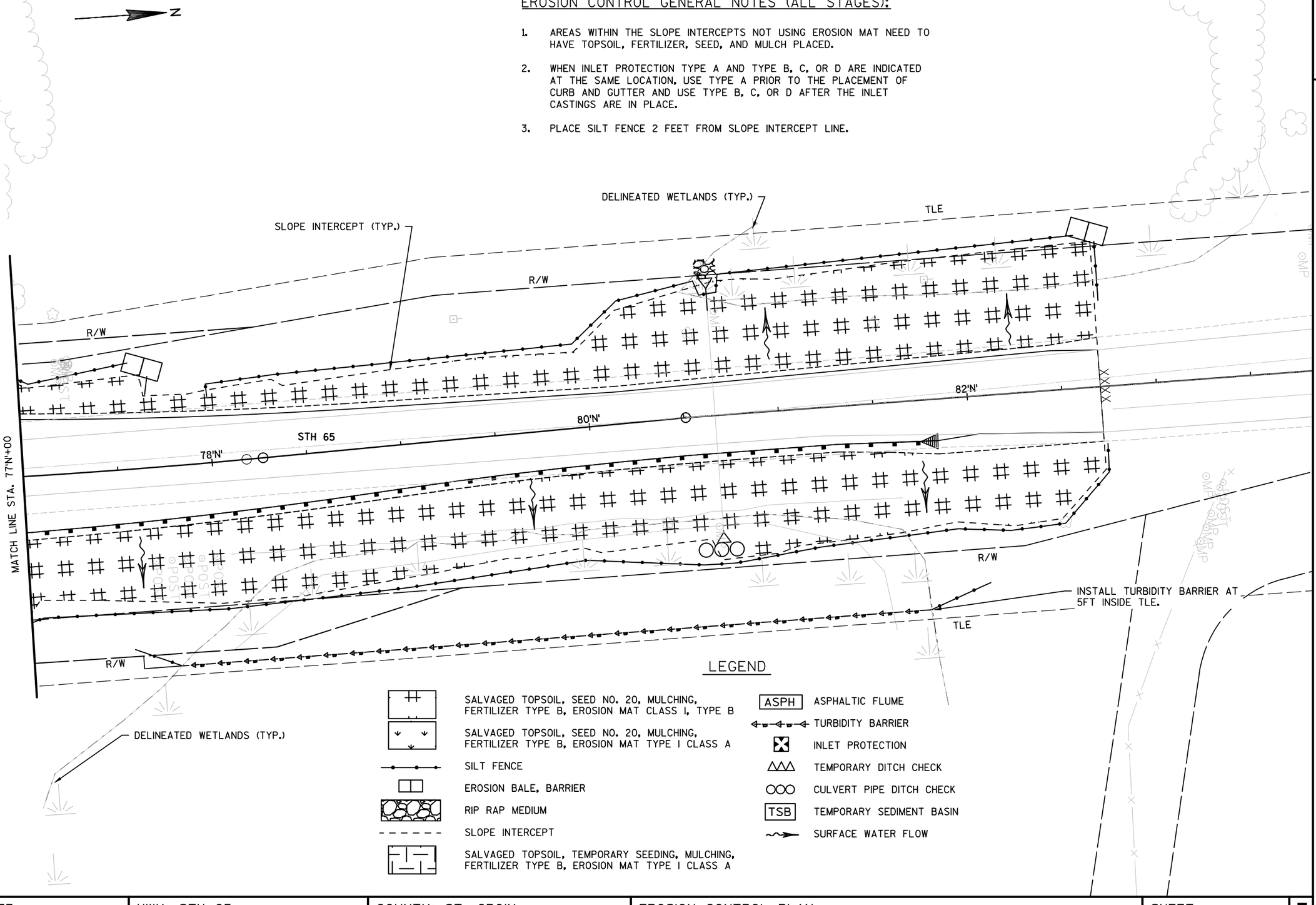
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	EROSION CONTROL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\022001-EC-ALL.DWG PLOT DATE : 5/31/2017 1:02 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

EROSION CONTROL GENERAL NOTES (ALL STAGES):

1. AREAS WITHIN THE SLOPE INTERCEPTS NOT USING EROSION MAT NEED TO HAVE TOPSOIL, FERTILIZER, SEED, AND MULCH PLACED.
2. WHEN INLET PROTECTION TYPE A AND TYPE B, C, OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B, C, OR D AFTER THE INLET CASTINGS ARE IN PLACE.
3. PLACE SILT FENCE 2 FEET FROM SLOPE INTERCEPT LINE.



LEGEND

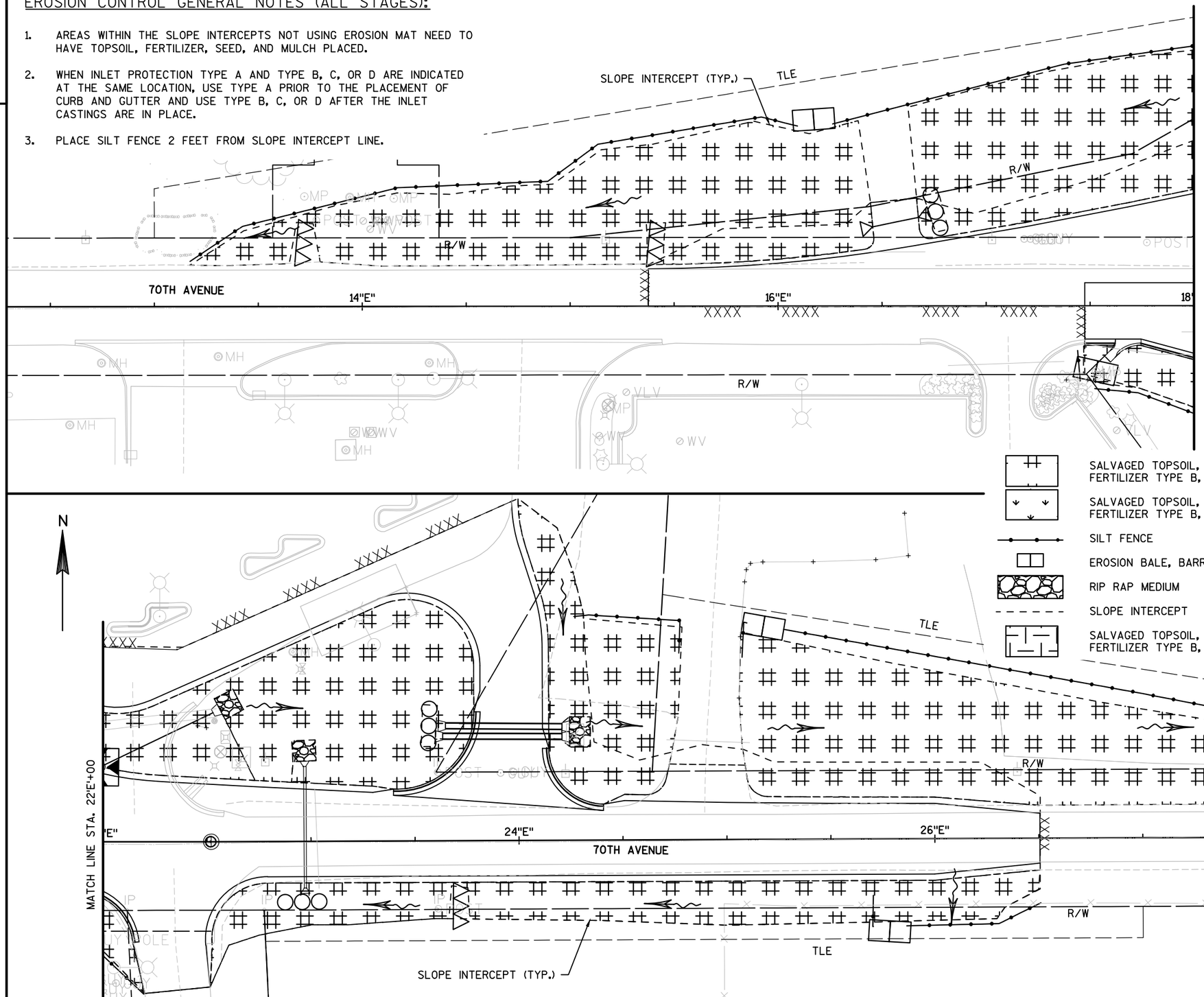
- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- SILT FENCE
- EROSION BALE, BARRIER
- RIP RAP MEDIUM
- SLOPE INTERCEPT
- SALVAGED TOPSOIL, TEMPORARY SEEDING, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- ASPH — ASPHALTIC FLUME
- TURBIDITY BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	EROSION CONTROL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\022001-EC-ALL.DWG PLOT DATE : 5/31/2017 1:02 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:50 FT

EROSION CONTROL GENERAL NOTES (ALL STAGES):

1. AREAS WITHIN THE SLOPE INTERCEPTS NOT USING EROSION MAT NEED TO HAVE TOPSOIL, FERTILIZER, SEED, AND MULCH PLACED.
2. WHEN INLET PROTECTION TYPE A AND TYPE B, C, OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B, C, OR D AFTER THE INLET CASTINGS ARE IN PLACE.
3. PLACE SILT FENCE 2 FEET FROM SLOPE INTERCEPT LINE.



LEGEND

- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT CLASS I, TYPE B
- SALVAGED TOPSOIL, SEED NO. 20, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- SILT FENCE
- EROSION BALE, BARRIER
- RIP RAP MEDIUM
- SLOPE INTERCEPT
- SALVAGED TOPSOIL, TEMPORARY SEEDING, MULCHING, FERTILIZER TYPE B, EROSION MAT TYPE I CLASS A
- ASPH — ASPHALTIC FLUME
- TURBIDITY BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	EROSION CONTROL PLAN	SHEET	E

TRAFFIC CONTROL GENERAL NOTES (ALL STAGES):

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

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

ALL TRAFFIC CONTROL SIGNS SHALL BE 48X48 UNLESS OTHERWISE NOTED IN PLANS.

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

CONSIDER GEOMETRICS WHEN LOCATING SIGNS, ARROW BOARDS AND SIGN MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS, SIGN MESSAGE BOARDS, AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF THE DRUMS.

IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS. MOUNT ALL PORTABLE TRAFFIC CONTROL SIGNS AT A MINIMUM HEIGHT OF 5 FEET, MEASURED FROM THE BOTTOM OF THE SIGN, ABOVE THE EDGE OF PAVEMENT.

ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE WISCONSIN SUPPLEMENT TO THE MUTCD, AND OTHER CONTRACT DOCUMENTS.

THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.

REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.

MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.

CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.

PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ON STH 65 AHEAD OF TRAFFIC CONTROL ADVANCED WARNING SIGNS OR AS DIRECTED BY THE ENGINEER. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE IN PLACE 1 WEEK PRIOR TO AND DURING CONSTRUCTION AND SHALL BE USED TO INFORM THE PUBLIC OF THE PROJECT.

RESTORE EXISTING PAVEMENT MARKINGS THROUGH THE IH 94 INTERCHANGE WHEN SHOWN ON THE TRAFFIC CONTROL PLANS AS REMOVING PAVEMENT MARKING X-INCH, AND WHEN SHOWN AS OVERLAID WITH TEMPORARY PAVEMENT MARKING REMOVABLE TAPE. REFER TO THE MISCELLANEOUS QUANTITIES FOR THE LOCATION AND TYPE OF RESTORED ID 94 INTERCHANGE PAVEMENT MARKINGS

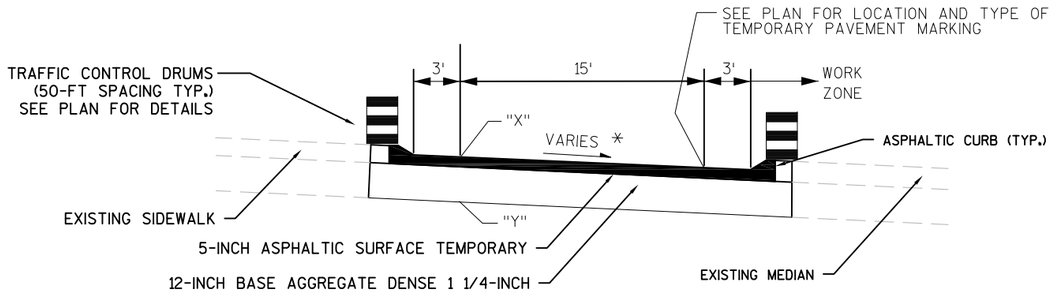
OBSCURE EXISTING PAVEMENT MARKING ARROWS WITH TRAFFIC CONTROL DEVICES THROUGH THE IH 94 INTERCHANGE, WHEN LOCATED IN CLOSED LANES

MOVE EXISTING SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLANS. EXISTING SIGN MOVES ARE SHOWN IN STAGES WHEN MOVES ARE REQUIRED, AND DO NOT APPEAR WHEN MOVES ARE NOT REQUIRED BETWEEN SUBSEQUENT STAGES.

TEMPORARY PAVEMENT MARKING LEGEND

T4W	TEMPORARY PAVEMENT MARKING PAINT, 4-INCH, WHITE
T4DY	TEMPORARY PAVEMENT MARKING PAINT, 4-INCH, DOUBLE YELLOW
T8W	TEMPORARY PAVEMENT MARKING PAINT, 8-INCH, WHITE
T18SW	TEMPORARY PAVEMENT MARKING PAINT, 18-INCH, WHITE
TR4W	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 4-INCH, WHITE
TR4Y	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 4-INCH, YELLOW
TR4DY	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 4-INCH, DOUBLE YELLOW
TR8W	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 8-INCH, WHITE
TR8Y	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 8-INCH, YELLOW
TR18SW	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, 18-INCH, WHITE
RPMA	REMOVING PAVEMENT MARKING ARROWS
RPMW	REMOVING PAVEMENT MARKING WORDS
RPMX	REMOVING PAVEMENT MARKING X-INCH

* NOTE: VARY SLOPES TO MINIMIZE IMPACTS FROM TEMPORARY ROADWAYS

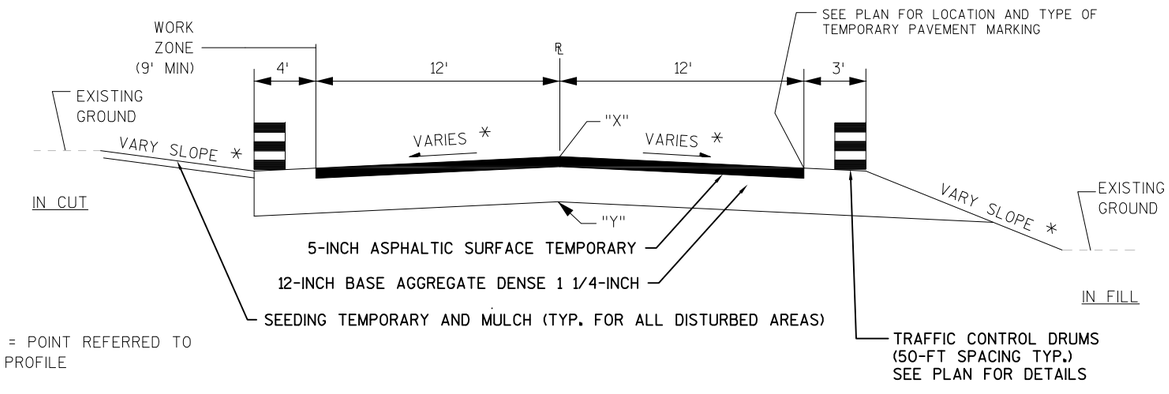


"X" = POINT REFERRED TO ON PROFILE

"Y" = POINT REFERRED TO ON CROSS SECTION

PROPOSED TYPICAL SECTION
STH 65 MEDIAN CROSSOVER TEMPORARY ROADWAY

* NOTE: VARY SLOPES TO MINIMIZE IMPACTS FROM TEMPORARY ROADWAYS



"X" = POINT REFERRED TO ON PROFILE

"Y" = POINT REFERRED TO ON CROSS SECTION

PROPOSED TYPICAL SECTION
70TH AVENUE TEMPORARY ROADWAY

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - OVERVIEW	SHEET	E

NOTES:
1. SEE SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS, 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC".
2. SEE SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS, 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC".
3. ADVANCE WARNING SIGNS ARE ALSO SHOWN ON TRAFFIC CONTROL PLANS WHEN WITHIN THE SHEET LIMITS.

N

ROAD WORK AHEAD W20-1-A
ROAD WORK 1000 FT W20-1-C
ROAD WORK 500 FT W20-1-D
END ROAD WORK G20-2A 48"X24"

IH 94 EB OFF-RAMP
IH 94 WB ON-RAMP
IH 94 EB ON-RAMP
IH 94 WB OFF-RAMP
70TH AVENUE
WAGNER DRIVE
STH 65
TRAVEL PLAZA
PARK & RIDE
PRE-CAST PLANT

35'N' 40'N' 45'N' 50'N' 55'N' 60'N' 65'N' 70'N' 75'N' 80'N' 85'N'
10'E' 15'E' 20'E' 25'E' 30'E' 35'E' 40'E'

STA 55+35N
BEGIN PROJECT

STA 15+37E
BEGIN CONSTRUCTION

STA 26+50E
END CONSTRUCTION

STA 82+70N
END PROJECT

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - ADVANCED WARNING SIGNAGE	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-ADV.DWG PLOT DATE : 5/4/2017 12:47 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:500 FT

N

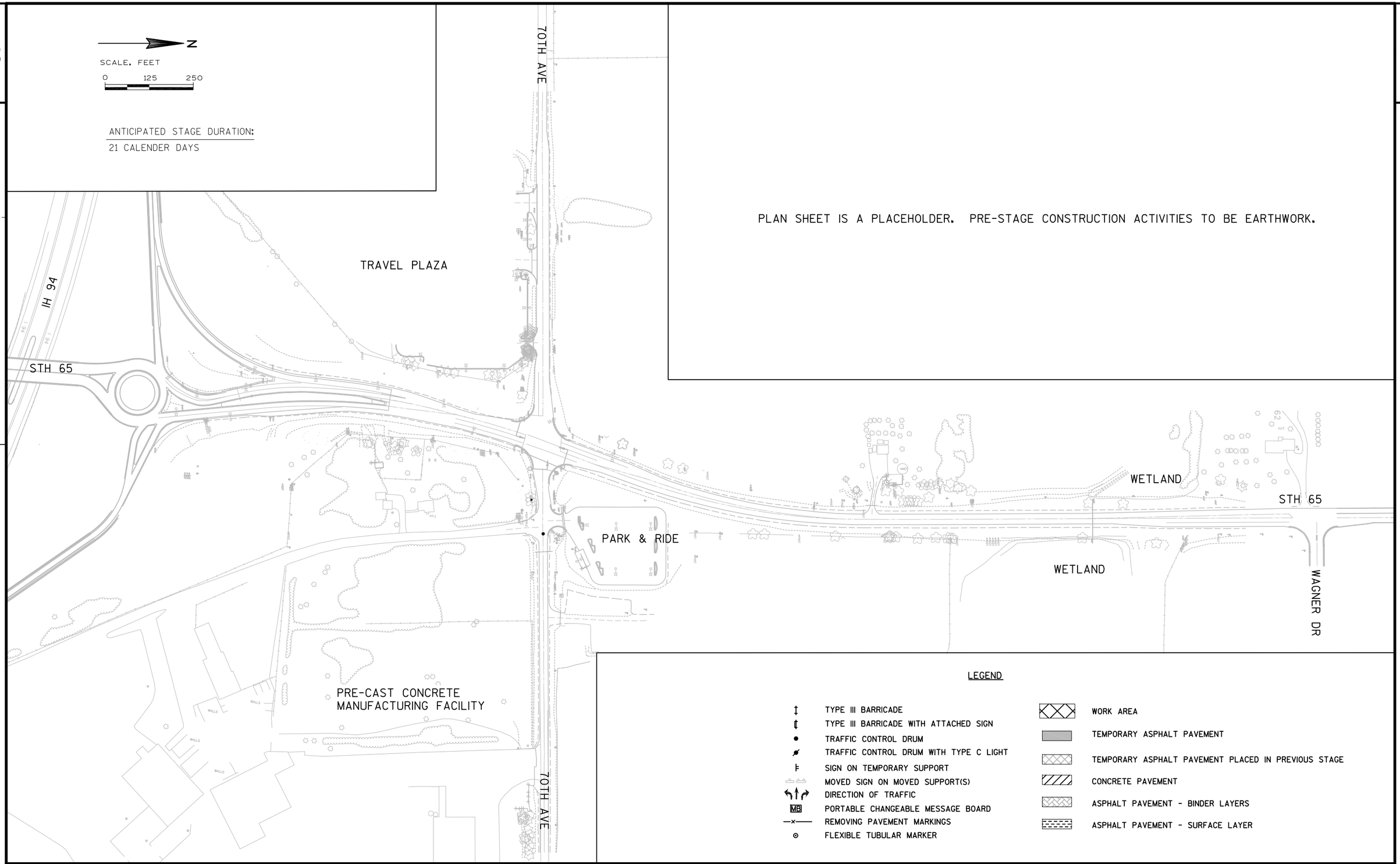
SCALE. FEET

0 125 250

ANTICIPATED STAGE DURATION:

21 CALENDER DAYS

PLAN SHEET IS A PLACEHOLDER. PRE-STAGE CONSTRUCTION ACTIVITIES TO BE EARTHWORK.



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER
- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGE
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL OVERVIEW - PRE STAGE	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-SPRE.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT

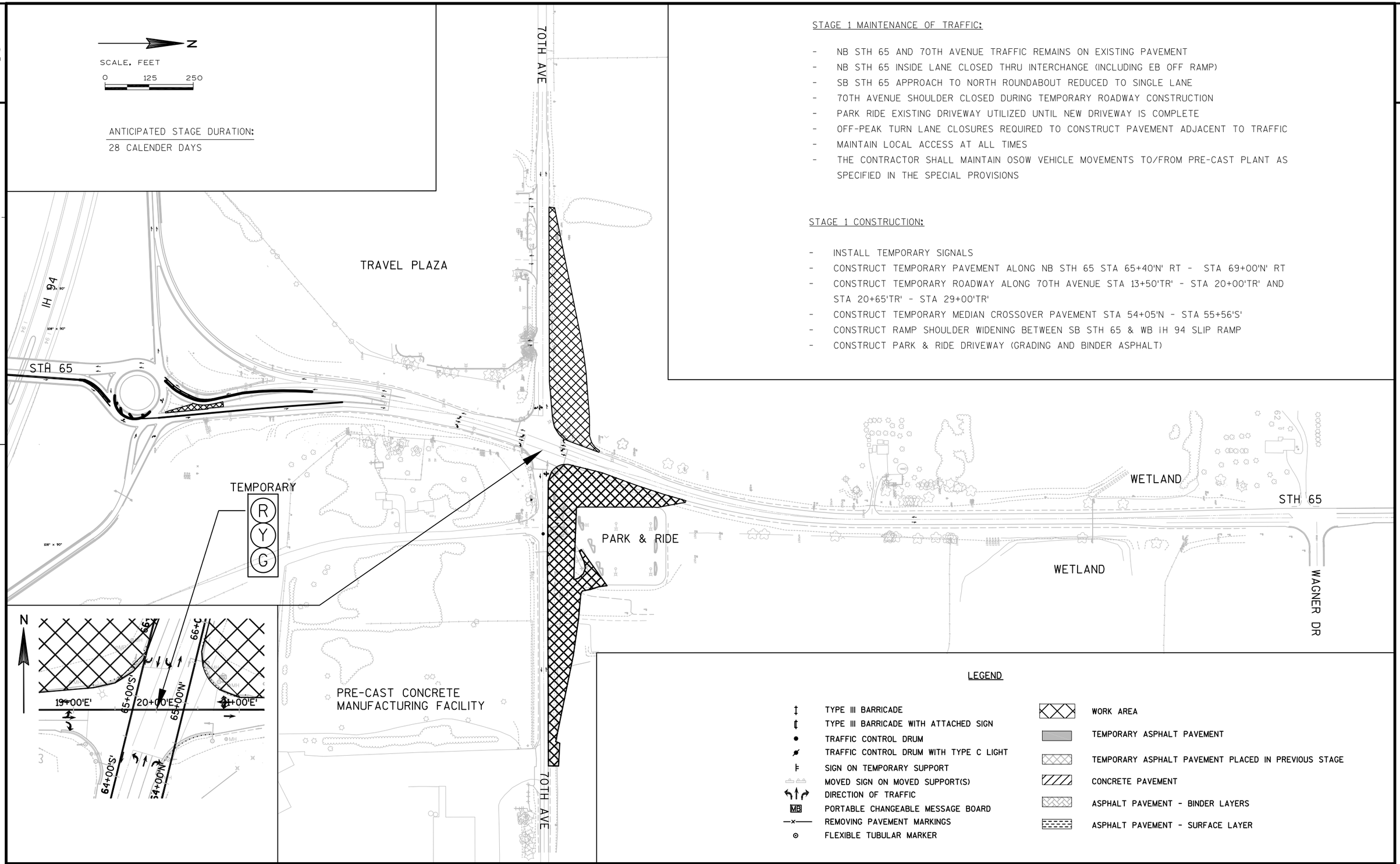
ANTICIPATED STAGE DURATION:
28 CALENDER DAYS

STAGE 1 MAINTENANCE OF TRAFFIC:

- NB STH 65 AND 70TH AVENUE TRAFFIC REMAINS ON EXISTING PAVEMENT
- NB STH 65 INSIDE LANE CLOSED THRU INTERCHANGE (INCLUDING EB OFF RAMP)
- SB STH 65 APPROACH TO NORTH ROUNDABOUT REDUCED TO SINGLE LANE
- 70TH AVENUE SHOULDER CLOSED DURING TEMPORARY ROADWAY CONSTRUCTION
- PARK RIDE EXISTING DRIVEWAY UTILIZED UNTIL NEW DRIVEWAY IS COMPLETE
- OFF-PEAK TURN LANE CLOSURES REQUIRED TO CONSTRUCT PAVEMENT ADJACENT TO TRAFFIC
- MAINTAIN LOCAL ACCESS AT ALL TIMES
- THE CONTRACTOR SHALL MAINTAIN OSOW VEHICLE MOVEMENTS TO/FROM PRE-CAST PLANT AS SPECIFIED IN THE SPECIAL PROVISIONS

STAGE 1 CONSTRUCTION:

- INSTALL TEMPORARY SIGNALS
- CONSTRUCT TEMPORARY PAVEMENT ALONG NB STH 65 STA 65+40'N' RT - STA 69+00'N' RT
- CONSTRUCT TEMPORARY ROADWAY ALONG 70TH AVENUE STA 13+50'TR' - STA 20+00'TR' AND STA 20+65'TR' - STA 29+00'TR'
- CONSTRUCT TEMPORARY MEDIAN CROSSOVER PAVEMENT STA 54+05'N - STA 55+56'S'
- CONSTRUCT RAMP SHOULDER WIDENING BETWEEN SB STH 65 & WB IH 94 SLIP RAMP
- CONSTRUCT PARK & RIDE DRIVEWAY (GRADING AND BINDER ASPHALT)



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER
- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGE
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL OVERVIEW - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT

2

2

N

LANE CLOSED
R11-2-L

LANE CLOSED
R11-2-L

EB IH 94 OFF-RAMP

MATCH LINE EB IH 94 OFF-RAMP

EXISTING SIGN

ALTERNATE 94

50' (TYP.)

RPM12

RPM8

TR8Y

ROAD WORK 500 FT
W20-1-D

EXISTING SIGN

ALTERNATE 94

EXISTING SIGN

65 NORTH
Roberts
New Richmond
SOUTH 65

COVER

228" x 114"

SIGN

114"

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : ********** WISDOT/CADDS SHEET 42

LAYOUT NAME - STG1 - (8)

2

N

EXISTING SIGN
EAST
94
65 SOUTH

EXISTING SIGN
WEST NORTH
94 65
Hudson
Roberts
96" × 126"
COVER

END ROAD WORK
G20-2A

MATCH LINE EB IH 94 OFF-RAMP

RPM8
RPM12
TR8Y

EXISTING SIGN
TO WEST NORTH
94 65

EXISTING SIGN
65 SOUTH
River Falls
108" × 90"

LANE CLOSED
R11-2-L

SB STH 65

45+00'N'
44+00'N'
43+00'N'
50' (TYP.)
TR8Y
NB STH 65
RPM8
RPM12

TR8Y
46+00'N'
47+00'N'
TR8Y
RPM8

EXISTING SIGN
EAST
94
Eau Claire
108" × 90"

SB STH 65
48+00'N'
49+00'N'
50+
TR4Y
NB STH 65

MATCH LINE STA. 50+00 'N'

EXISTING SIGN
65 NORTH
Roberts
94 EAST
Eau Claire
168" × 114"

LANE CLOSED
R11-2-L

WEST
94
Hudson

EXISTING SIGN
65 NORTH
94 EAST

EB IH 94 ON-RAMP

ALTERNATE
94
EXISTING SIGN

EXISTING SIGN
65 NORTH
Roberts
New Richmond
94 WEST
Hudson
168" × 132"
MOVE TO RIGHT LANE

LANE CLOSED
R11-2-L

COVER AND TEMPORARILY MOVE TO LEFT LANE
65 NORTH
Roberts
New Richmond
144" × 120"

EB IH 94

WB IH 94

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG
LAYOUT NAME - STG1 - (2)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

2

N

WB IH 94

108" × 90"

EXISTING SIGN

65 SOUTH

94 WEST

WB IH 94 ON-RAMP

COVER EXISTING SIGN

94 EAST

Eau Claire

EXISTING SIGN

65 SOUTH

94 WEST

EXISTING SIGN

TO EAST SOUTH

94 65

EXISTING SIGN

65 SOUTH

River Falls

WB IH 94 ON-RAMP

EAST 94

J2-1

MATCH LINE STA. 50+00 'N'

SB STH 65

00'N'

51+00'N'

50' (TYP.)

TR4Y

NB STH 65

52+00'N'

TR8Y

RPM8

RPM12

53+00'N'

TR8Y

LANE CLOSED

R11-2-L

RPM12

RPM8

55+00'S'

SB STH 65

56+00'S'

TR8Y

56+00'N'

55+00'N'

54+00'N'

NB STH 65

50' (TYP.)

TR4Y

RPM8

MATCH LINE STA. 57+00 'N'

LANE CLOSED

R11-2-L

EXISTING SIGN

94 WEST

65 NORTH

WB IH 94 OFF-RAMP

WB IH 94 OFF-RAMP

LANE CLOSED

R11-2-L

SHOULDER WORK

W21-5

LANE CLOSED

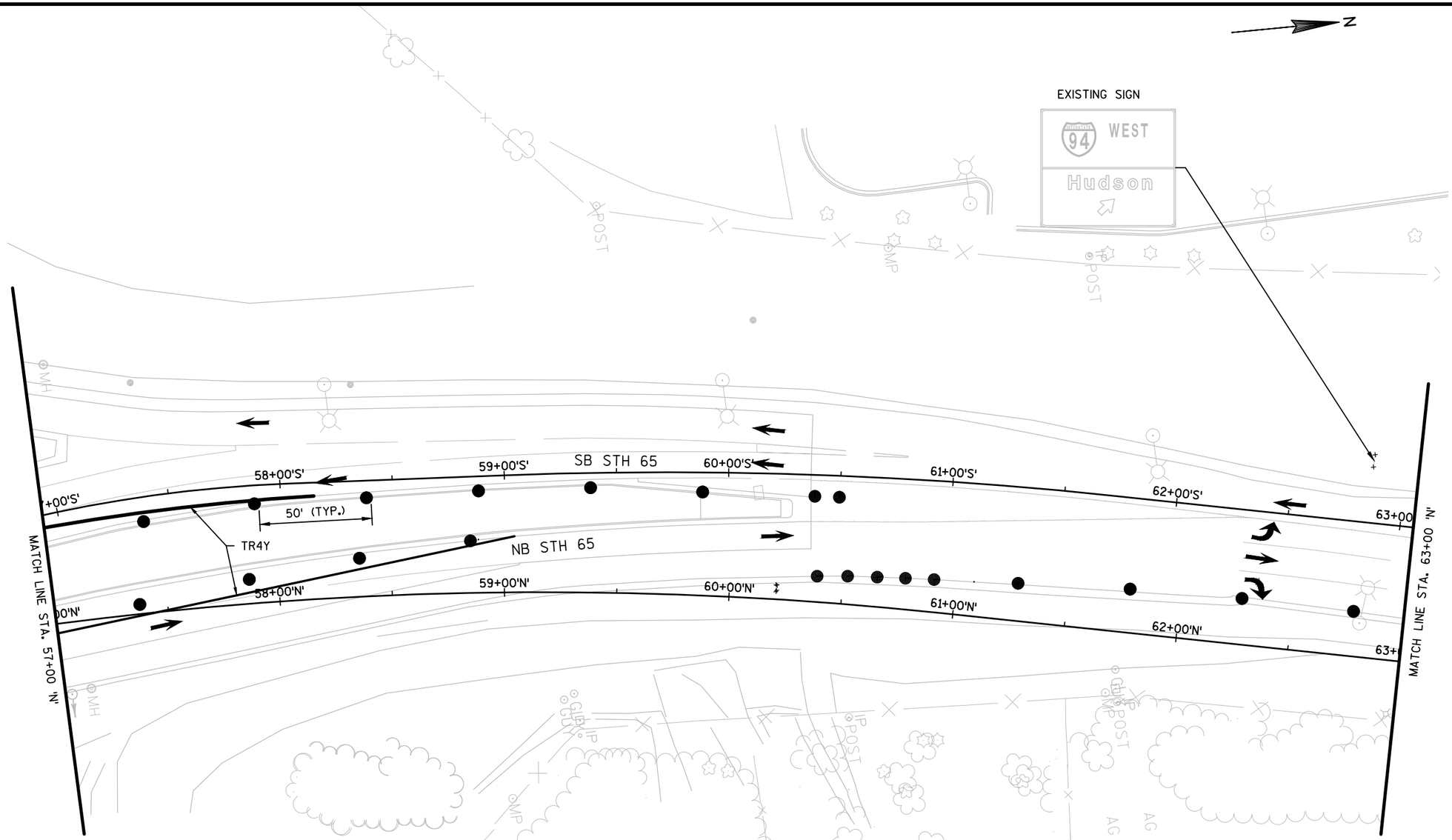
R11-2-L

2

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG
LAYOUT NAME - STG1 - (3)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ---------- PLOT SCALE : **********

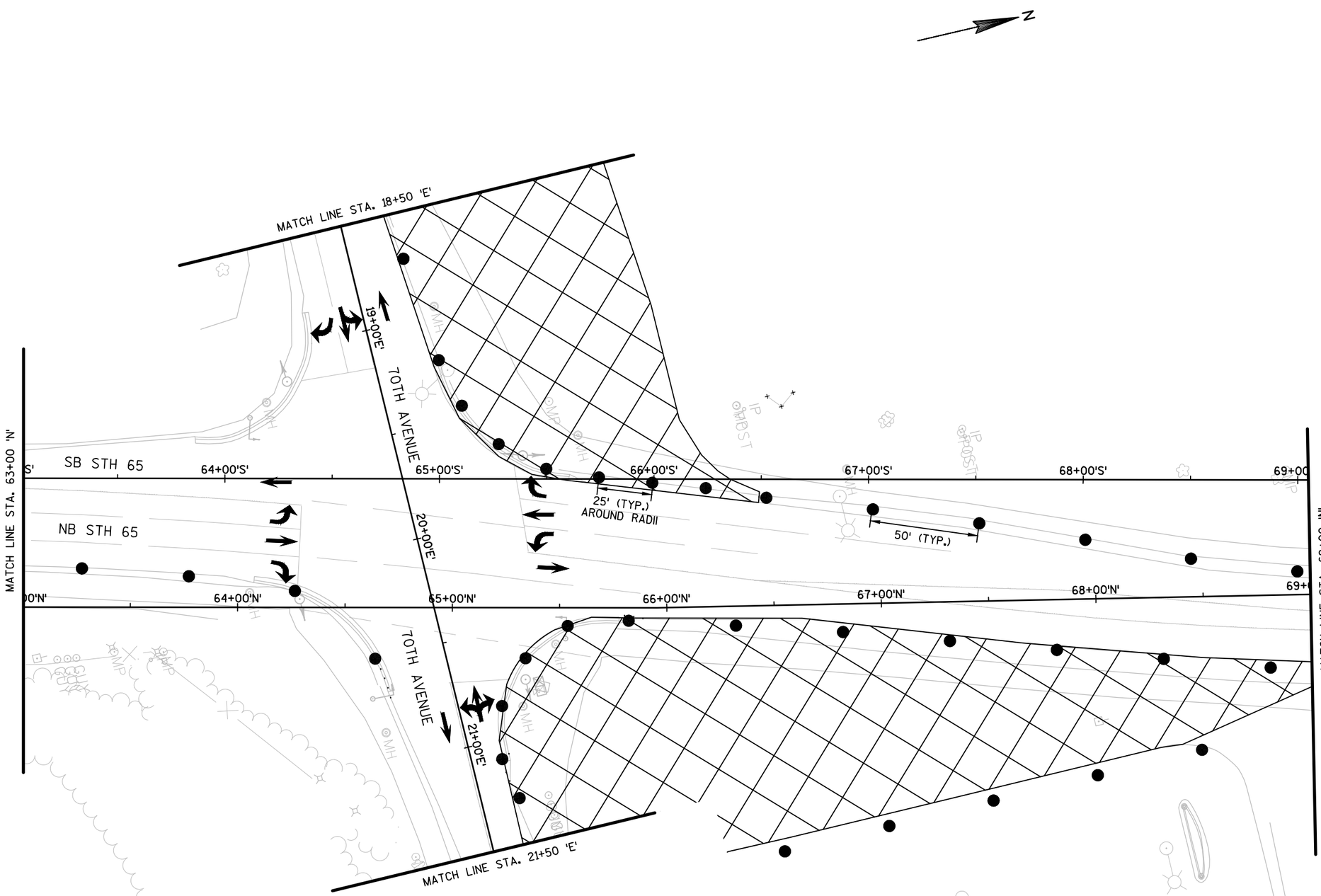
2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (4)

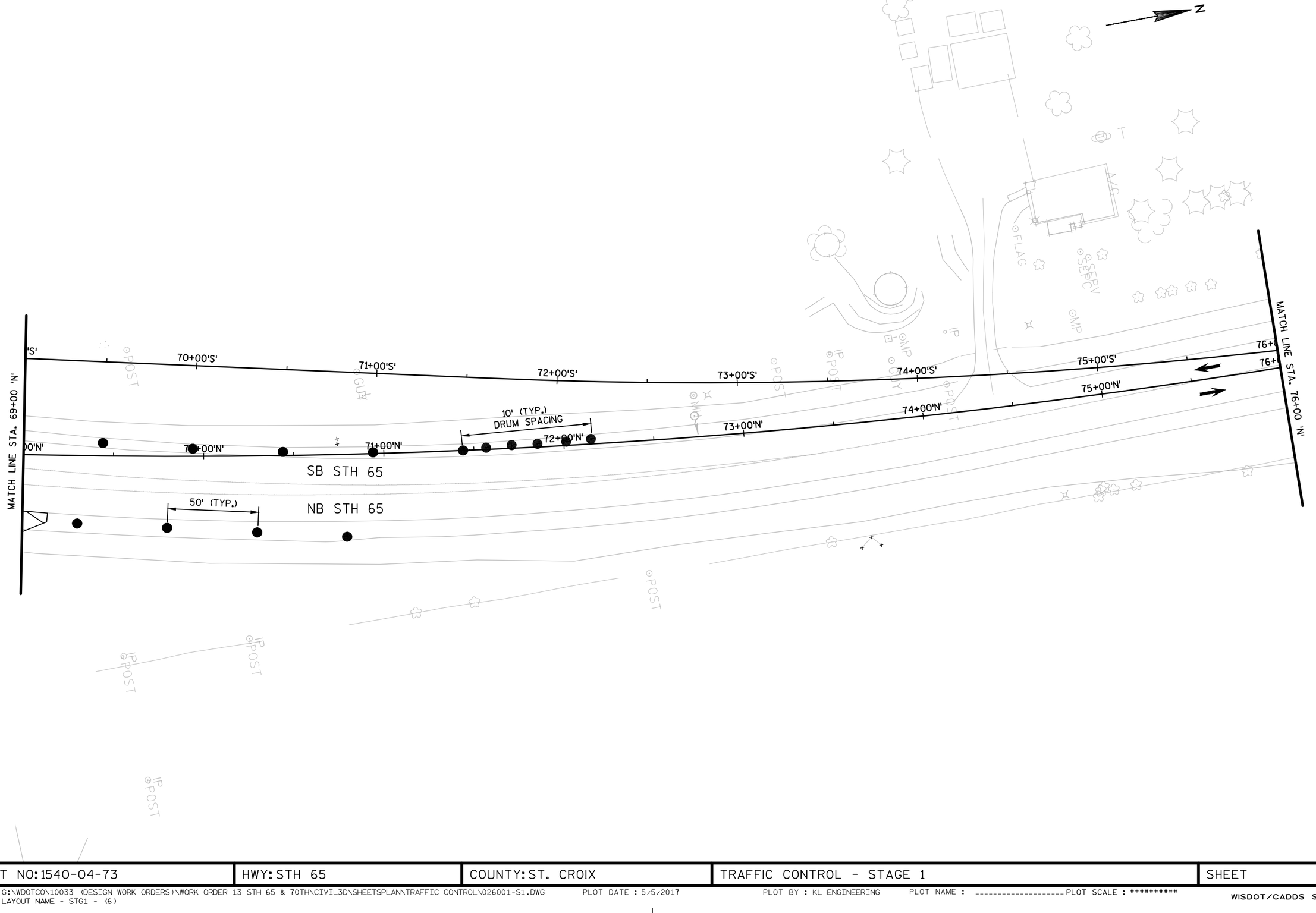
2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG
LAYOUT NAME - STG1 - (5)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG
LAYOUT NAME - STG1 - (6)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

N

SHOULDER WORK
W21-5

MATCH LINE STA. 76+00 'N'

SB STH 65

NB STH 65

77+00'S'
77+00'N'
78+00'S'
78+00'N'
79+00'S'
80+00'S'
81+00'S'
81+00'N'
82+00'S'
82+00'N'
83+00'S'
83+00'N'

VENT
VENT
MP
MP
MP
MP
POST
POST
POST
POST
POST
POST
POST
MP
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MP
POST
POST
MP
MP

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG
LAYOUT NAME - STG1 - (7)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********

2

2

N

50' (TYP.)

12+00'E' 13+00'E' 14+00'E' 15+00'E' 16+00'E' 17+00'E' 18+00'E'

70TH AVENUE

MATCH LINE STA. 18+50 'E'

TRAVEL PLAZA

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG
LAYOUT NAME - STG1 - (8)

PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : **********

2

N

PARK & RIDE

10' (TYP.) DRUM SPACING

MATCH LINE STA. 21+50 'E'

22+00'E' 23+00'E' 24+00'E' 25+00'E' 50' (TYP.) 26+00'E' 27+00'E' 28+00'E'

MATCH LINE STA. 28+50 'E'

70TH AVENUE

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

NOTE: STAGE THE REMOVAL OF EXISTING PARK & RIDE DRIVEWAY AND CONSTRUCTION OF THE NEW DRIVEWAY. MAINTAIN ACCESS AT ALL TIMES.

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (8)

2

2

N

ROAD
WORK
500 FT
W20-1-D

10' (TYP.)
DRUM SPACING

50' (TYP.)

⊙MP

MATCH LINE STA. 28+50 'E'

29+00'E' 30+00'E' 31+00'E' 32+00'E' 33+00'E' 34+00'E' 35+00'E'

70TH AVENUE

END
ROAD WORK
G20-2A

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTC0\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S1.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : **********
LAYOUT NAME - STG1 - (8)

2

N

SCALE, FEET

0 125 250

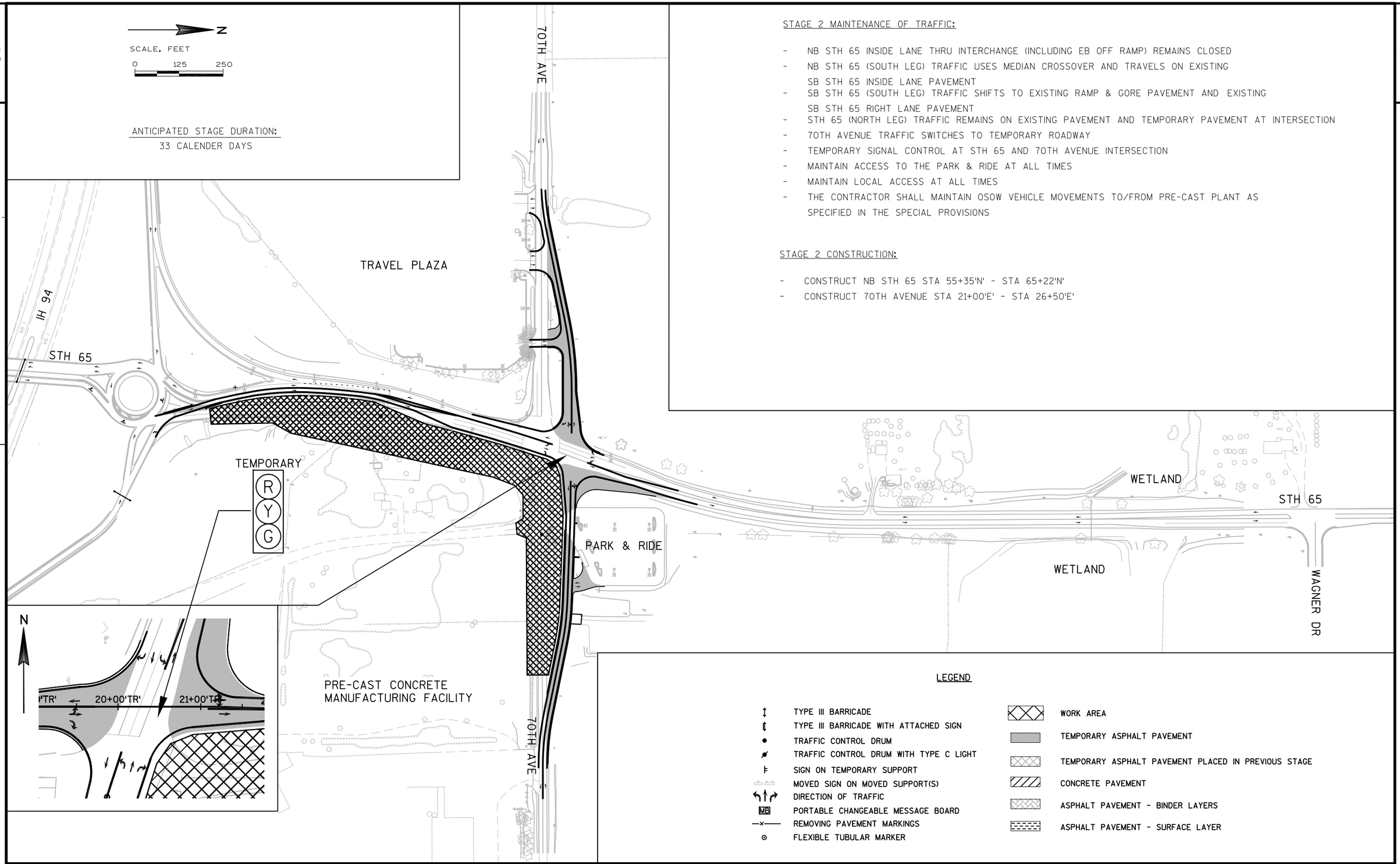
ANTICIPATED STAGE DURATION:
33 CALENDER DAYS

STAGE 2 MAINTENANCE OF TRAFFIC:

- NB STH 65 INSIDE LANE THRU INTERCHANGE (INCLUDING EB OFF RAMP) REMAINS CLOSED
- NB STH 65 (SOUTH LEG) TRAFFIC USES MEDIAN CROSSOVER AND TRAVELS ON EXISTING SB STH 65 INSIDE LANE PAVEMENT
- SB STH 65 (SOUTH LEG) TRAFFIC SHIFTS TO EXISTING RAMP & GORE PAVEMENT AND EXISTING SB STH 65 RIGHT LANE PAVEMENT
- STH 65 (NORTH LEG) TRAFFIC REMAINS ON EXISTING PAVEMENT AND TEMPORARY PAVEMENT AT INTERSECTION
- 70TH AVENUE TRAFFIC SWITCHES TO TEMPORARY ROADWAY
- TEMPORARY SIGNAL CONTROL AT STH 65 AND 70TH AVENUE INTERSECTION
- MAINTAIN ACCESS TO THE PARK & RIDE AT ALL TIMES
- MAINTAIN LOCAL ACCESS AT ALL TIMES
- THE CONTRACTOR SHALL MAINTAIN OSOW VEHICLE MOVEMENTS TO/FROM PRE-CAST PLANT AS SPECIFIED IN THE SPECIAL PROVISIONS

STAGE 2 CONSTRUCTION:

- CONSTRUCT NB STH 65 STA 55+35'N' - STA 65+22'N'
- CONSTRUCT 70TH AVENUE STA 21+00'E' - STA 26+50'E'



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER
- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGE
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL OVERVIEW - STAGE 2	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT

2

N

WB IH 94

I 94

EXISTING SIGN
65 SOUTH
94 WEST

WB IH 94 ON-RAMP

EXISTING SIGN
TO EAST SOUTH
94 65

SB STH 65

50+00

51+00

52+00

NB STH 65

53+00

MATCH LINE STA. 50+00 'N' - REFER TO STAGE 1 SHEETS

LANE CLOSED
R11-2-L

EXISTING SIGN
94 WEST
65 NORTH

WB IH 94 OFF-RAMP

WB IH 94 OFF-RAMP

EXISTING SIGN
65 SOUTH
River Falls

WB IH 94 ON-RAMP

COVERED EXISTING SIGN
94 EAST
Eau Claire

EXISTING SIGN
65 SOUTH
94 WEST

EAST 94

LANE CLOSED
R11-2-L

TR4Y

TR4W

25' (TYP.) AROUND RADII

W01-6

W06-3

ROAD CLOSED
R11-2

TR4DY

RPMA

SB STH 65

NB STH 65

25'(TYP.)

54+00

55+00

55+00

56+00

56+00

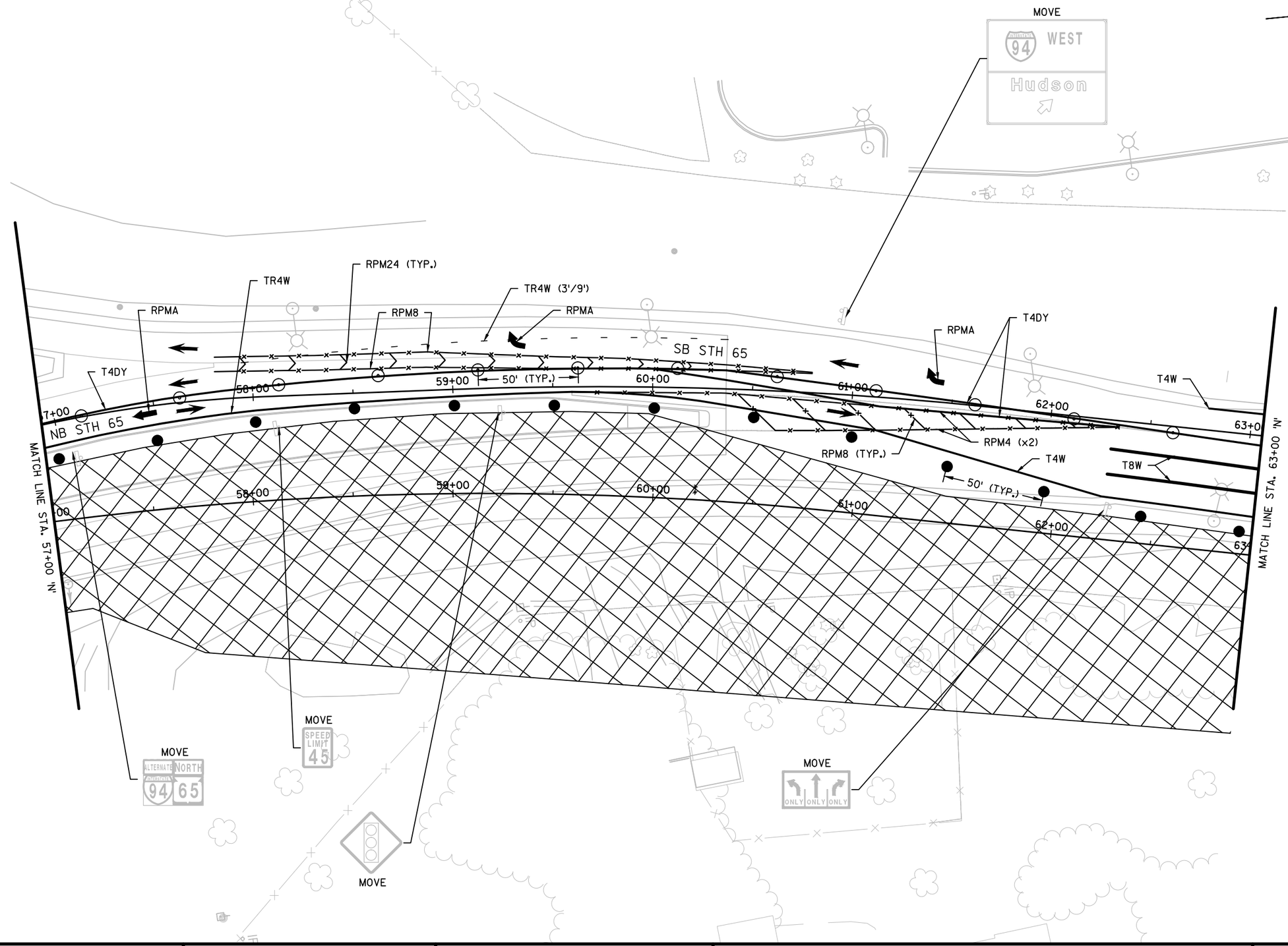
MATCH LINE STA. 57+00 'N'

2

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG
LAYOUT NAME - STG1 - (3)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (4)

2

N

W06-3

MATCH LINE STA. 18+50 'E'

T4DY

T8W

T4W

T4W

125' (TYP.)

19+00

70TH AVENUE

19800 VEH/DAY

MOVE

NO PARKING ANY TIME

50' (TYP.)

T4W

T18SW

RPM18

64+00

65+00

66+00

67+00

68+00

69+00

MATCH LINE STA. 63+00 'N'

T4DY

NB STH 65

T8W

RPM18

T4W

20000 VEH/DAY

T18SW

RPMA

RPM8

RPM4 (x2)

T4W

RPMW

ONLY

SB STH 65

T8W

RPM4 (x2)

RPM8 (TYP.)

T4DY

T4DY

MATCH LINE STA. 69+00 'N'

64+00

65+00

66+00

67+00

68+00

69+

50' (TYP.)

70TH AVENUE

21900 VEH/DAY

T18SW

T4W

T4DY

50' (TYP.)

T4W

21+00

ROAD CLOSED

R11-2

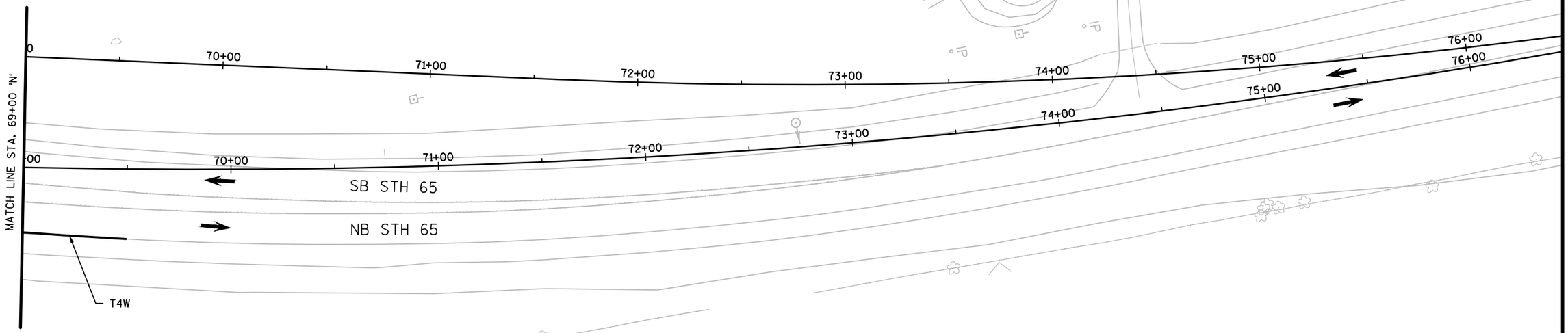
MATCH LINE STA. 21+50 'E'

W01-6

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (5)

2



PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG
LAYOUT NAME - STG1 - (6)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

N

MOVE

MOVE

MOVE

MOVE

MOVE

MOVE

MOVE

W01-4L

T4DY

T4W

50' (TYP.)

18+00'TR'

17+00'TR'

16+00'TR'

15+00'TR'

14+00'TR'

13+00'TR'

12+00'TR'

70TH AVENUE

25' (TYP.) DRUM SPACING

RPM4

RPM4 (x2)

TR4W

TR4W

TR4W

MATCH LINE STA. 18+50 'E'

IP

W01-6

ROAD CLOSED
R11-2

ROAD CLOSED
R11-2

R7-1-D
18"X24"

TRAVEL PLAZA

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG
LAYOUT NAME - STG1 - (8)

PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : **********

2

N

MOVE
STOP

PARK & RIDE

MOVE
RIDESHARE
INFO CALL
1-800-455-POOL

MOVE
PARK & RIDE PARKING ONLY
VIOLATORS SUBJECT TO $75 FINE
R7-65
30"X24"

MOVE

10' (TYP.) DRUM SPACING

22+00'TR' T4W | T4DY 23+00'TR' | 70TH AVENUE | 24+00'TR' | 25+00'TR' | 26+00'TR' T4DY | T4W 27+00'TR' | 28+00'TR'

50' (TYP.)

25' (TYP.) DRUM SPACING

RPM4

RPM4 (x2)

MATCH LINE STA. 21+50 'E'

MATCH LINE STA. 28+50 'E'

MOVE
SPEED LIMIT 45

MOVE
PARK & RIDE

W01-4R

W01-6

ROAD CLOSED
R11-2

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (8)

2

2

N

RPM4

MATCH LINE STA. 28+50 'E'

29+00'TR'

T4W

30+00'TR'

RPM4 (x2)

T4DY

T4W

70TH AVENUE

W01-4R

ROAD
WORK
500 FT
W20-1-D

END
ROAD WORK
G20-2A

MATCH LINE STA. 35+50 'E'

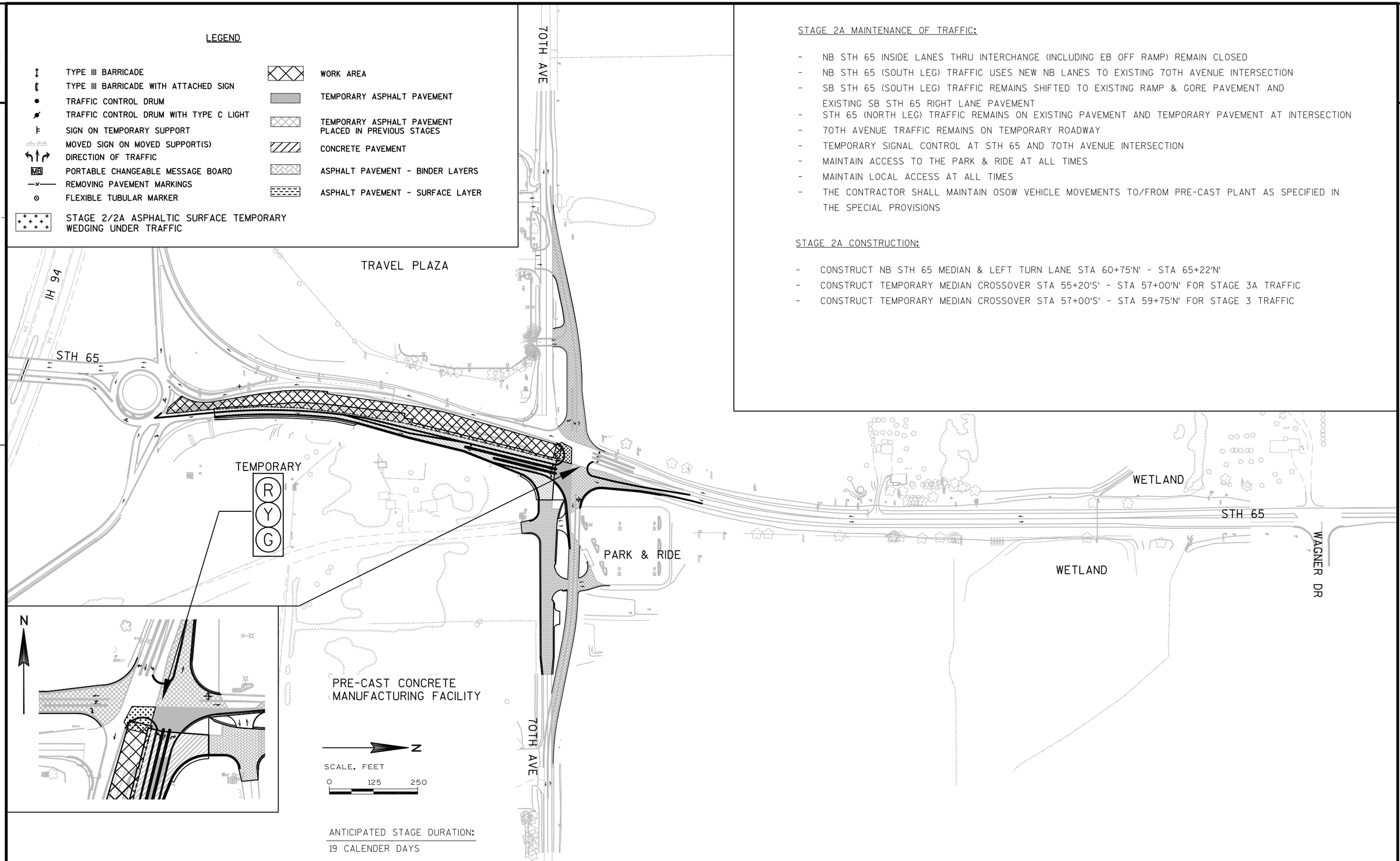
PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : **********
LAYOUT NAME - STG1 - (8)

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER
- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGES
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER
- STAGE 2/2A ASPHALTIC SURFACE TEMPORARY WEDGING UNDER TRAFFIC



STAGE 2A MAINTENANCE OF TRAFFIC:

- NB STH 65 INSIDE LANES THRU INTERCHANGE (INCLUDING EB OFF RAMP) REMAIN CLOSED
- NB STH 65 (SOUTH LEG) TRAFFIC USES NEW NB LANES TO EXISTING 70TH AVENUE INTERSECTION
- SB STH 65 (SOUTH LEG) TRAFFIC REMAINS SHIFTED TO EXISTING RAMP & GORE PAVEMENT AND EXISTING SB STH 65 RIGHT LANE PAVEMENT
- STH 65 (NORTH LEG) TRAFFIC REMAINS ON EXISTING PAVEMENT AND TEMPORARY PAVEMENT AT INTERSECTION
- 70TH AVENUE TRAFFIC REMAINS ON TEMPORARY ROADWAY
- TEMPORARY SIGNAL CONTROL AT STH 65 AND 70TH AVENUE INTERSECTION
- MAINTAIN ACCESS TO THE PARK & RIDE AT ALL TIMES
- MAINTAIN LOCAL ACCESS AT ALL TIMES
- THE CONTRACTOR SHALL MAINTAIN OSOW VEHICLE MOVEMENTS TO/FROM PRE-CAST PLANT AS SPECIFIED IN THE SPECIAL PROVISIONS

STAGE 2A CONSTRUCTION:

- CONSTRUCT NB STH 65 MEDIAN & LEFT TURN LANE STA 60+75'N' - STA 65+22'N'
- CONSTRUCT TEMPORARY MEDIAN CROSSOVER STA 55+20'S' - STA 57+00'N' FOR STAGE 3A TRAFFIC
- CONSTRUCT TEMPORARY MEDIAN CROSSOVER STA 57+00'S' - STA 59+75'N' FOR STAGE 3 TRAFFIC

ANTICIPATED STAGE DURATION:
19 CALENDER DAYS

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL OVERVIEW - STAGE 2A	SHEET	E

2

N

WB IH 94

I 94

EXISTING SIGN

65 SOUTH

94 WEST

WB IH 94 ON-RAMP

EXISTING SIGN

TO EAST SOUTH 94 65

SB STH 65

NB STH 65

MATCH LINE STA. 50+00 'N' - REFER TO STAGE 1 SHEETS

51+00'N'

52+00'N'

53+00'N'

54+00'N'

55+00'N'

55+00'S'

56+00'N'

56+00'S'

50' (TYP.)

TR4Y

TR4DY

TR4W

MATCH LINE STA. 57+00 'N'

LANE CLOSED

R11-2-L

LANE CLOSED

EXISTING SIGN

94 WEST

65 NORTH

WB IH 94 OFF-RAMP

WB IH 94 OFF-RAMP

LANE CLOSED

R11-2-L

EXISTING SIGN

65 SOUTH

River Falls

WB IH 94 ON-RAMP

EAST 94

COVERED EXISTING SIGN

94 EAST

River Falls

EXISTING SIGN

65 SOUTH

94 WEST

LANE CLOSED

R11-2-L

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2A.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (3)

2

N

POST

MP

POST

MH

SB STH 65

58+00'S'

59+00'S'

60+00'S'

61+00'S'

62+00'S'

63+00

MATCH LINE STA. 57+00 'N'

58+00'N'

59+00'N'

60+00'N'

61+00'N'

62+00'N'

63+

MATCH LINE STA. 63+00 'N'

NB STH 65

TR4DY

TR4W

TR4DY

TR8W

MOVE

ALTERNATE NORTH 94 65

MOVE

SPEED LIMIT 45

LANE CLOSED

R11-2-L

MOVE

LANE CLOSED

R11-2-L

MP

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2A.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (4)

2

STAGE 2/2A ASPHALTIC SURFACE TEMPORARY WEDGING UNDER TRAFFIC

N

MATCH LINE STA. 18+50 'E' - REFER TO STAGE 2 SHEETS

70TH AVENUE

19+00'TR'

19+00'E'

20+00'TR'

20+00'E'

21+00'TR'

21+00'E'

ROAD CLOSED

R4-7

MH

IP

MBST

PROST

MATCH LINE STA. 63+00 'N'

64+00'S'

65+00'S'

66+00'S'

67+00'S'

68+00'S'

69+00

MATCH LINE STA. 69+00 'N'

64+00'N'

65+00'N'

66+00'N'

67+00'N'

68+00'N'

69+

10' DRUM SPACING AROUND RADII

SB STH 65

NB STH 65

RPM4

RPM18

RPM4 (x2)

25' (TYP.)

50' (TYP.)

TR4Y

TR8W

TR4W

T4DY

T4W

T18SW

MOVE

PARK & RIDE

ROAD CLOSED

R11-2

MATCH LINE STA. 21+50 'E'

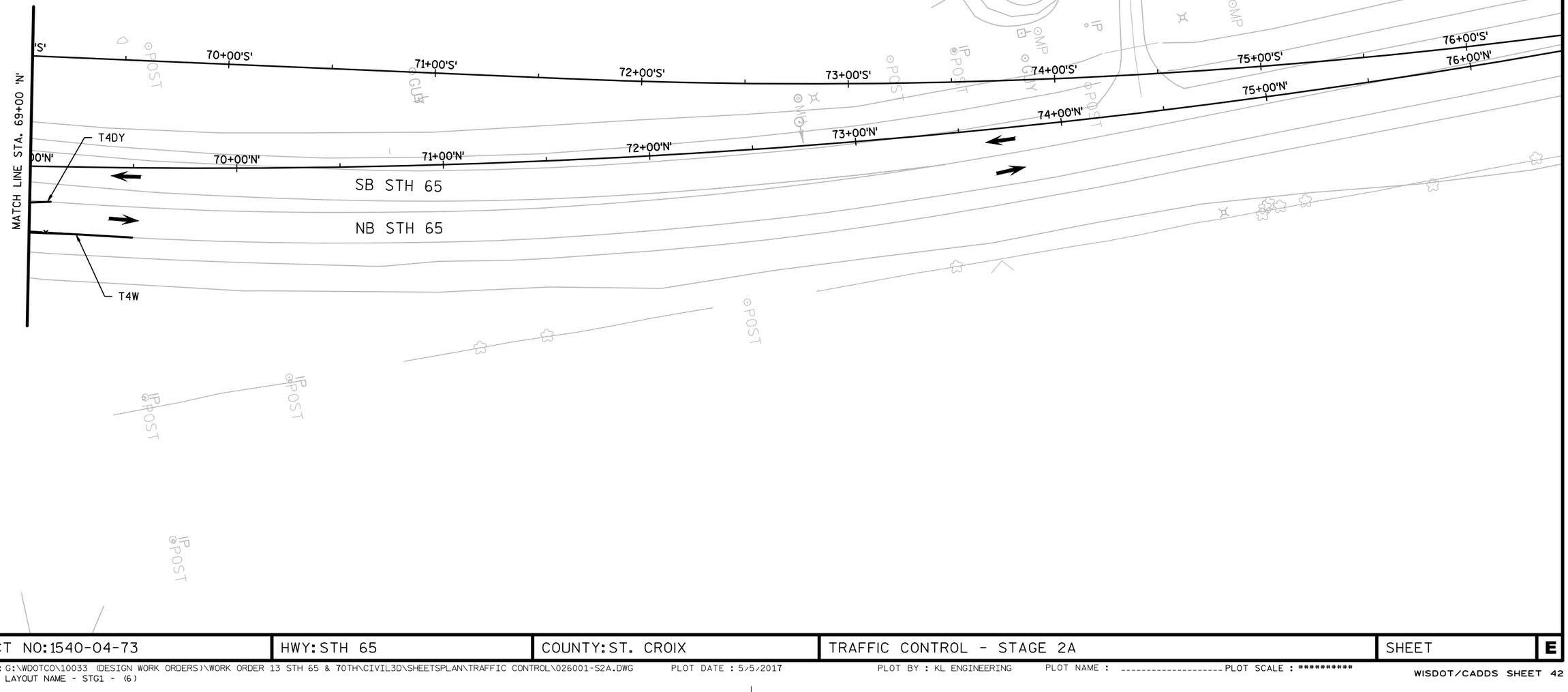
LANE CLOSED

R11-2-L

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2A.DWG
LAYOUT NAME - STG1 - (5)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********

2



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2A.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (6)

2

N

PARK & RIDE

ROAD CLOSED
R11-2
48"X30"

T4W

10' (TYP.) DRUM SPACING

22+00'TR'

23+00'TR'

24+00'TR'

25+00'TR'

26+00'TR'

27+00'TR'

28+00'TR'

RPM4

50' (TYP.)

70TH AVENUE

T4W

MATCH LINE STA. 21+50 'E'

22+00

23+00'E'

24+00'E'

25+00'E'

26+00'E'

27+00'E'

28+00'E'

MP

GUY

GUY

GUY

ROAD CLOSED
R11-2
48"X30"

ROAD CLOSED

MATCH LINE STA. 28+50 'E' - REFER TO STAGE 2 SHEETS

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 2A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S2A.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (8)

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER

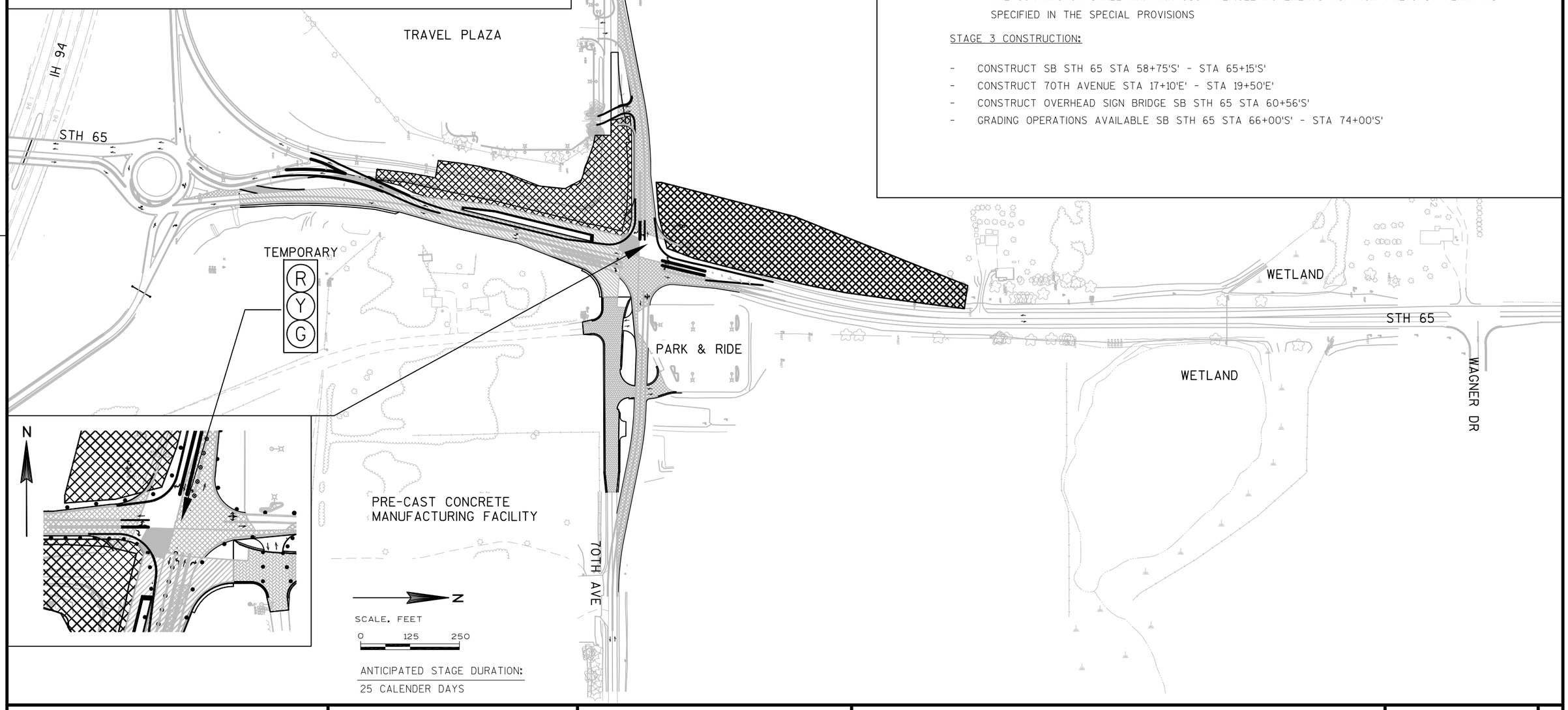
- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGES
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER

STAGE 3 MAINTENANCE OF TRAFFIC:

- NB STH 65 INSIDE LANES THRU INTERCHANGE (INCLUDING EB OFF RAMP) REMAIN CLOSED
- NB STH 65 (SOUTH LEG) TRAFFIC CONTINUES TO USE NEW NB LANES TO EXISTING 70TH AVENUE INTERSECTION
- SB STH 65 (SOUTH LEG) TRAFFIC SHIFTS TO NEW NB STH 65 MEDIAN LANE AND USES MEDIAN CROSSOVER TO EXISTING SB STH 65 AND RAMP PAVEMENT
- STH 65 (NORTH LEG) TRAFFIC REMAINS ON EXISTING PAVEMENT AND TEMPORARY PAVEMENT AT INTERSECTION
- 70TH AVENUE TRAFFIC REMAINS ON TEMPORARY ROADWAY
- TEMPORARY SIGNAL CONTROL AT STH 65 AND 70TH AVENUE INTERSECTION
- MAINTAIN ACCESS TO THE PARK & RIDE AT ALL TIMES
- MAINTAIN LOCAL ACCESS AT ALL TIMES
- THE CONTRACTOR SHALL MAINTAIN OSOW VEHICLE MOVEMENTS TO/FROM PRE-CAST PLANT AS SPECIFIED IN THE SPECIAL PROVISIONS

STAGE 3 CONSTRUCTION:

- CONSTRUCT SB STH 65 STA 58+75'S' - STA 65+15'S'
- CONSTRUCT 70TH AVENUE STA 17+10'E' - STA 19+50'E'
- CONSTRUCT OVERHEAD SIGN BRIDGE SB STH 65 STA 60+56'S'
- GRADING OPERATIONS AVAILABLE SB STH 65 STA 66+00'S' - STA 74+00'S'



ANTICIPATED STAGE DURATION:
25 CALENDER DAYS

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL OVERVIEW - STAGE 3	SHEET	E

2

N

WB IH 94

WB IH 94 ON-RAMP

EXISTING SIGN

65 SOUTH

94 WEST

EXISTING SIGN

TO EAST SOUTH 94 65

COVERED EXISTING SIGN

94 EAST

Eau Claire

EAST 94

WB IH 94 ON-RAMP

EXISTING SIGN

65 SOUTH

River Falls

SB STH 65

NB STH 65

51+00'N'

52+00'N'

53+00'N'

54+00'N'

55+00'N'

56+00'N'

55+00'S'

56+00'S'

TR8W

RPM12

RPM8

TR4Y

50' (TYP.)

LANE CLOSED

LANE CLOSED

LANE CLOSED

EXISTING SIGN

94 WEST

65 NORTH

W06-3

WB IH 94 OFF-RAMP

WB IH 94 OFF-RAMP

MATCH LINE STA. 50+00 'N' - REFER TO STAGE 1 SHEETS

MATCH LINE STA. 57+00 'N'

2

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3.DWG
LAYOUT NAME - STG1 - (3)

PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : **********

2

N

MOVE

65 SOUTH

94 WEST

MOVE

94 WEST

Hudson

W01-4R

TR4W

RPM12 (TYP.)

TR4W (3'/9')

RPM8

58+00'S

59+00'S

60+00'S

61+00'S

62+00'S

63+00

SB STH 65

50' (TYP.)

TR4Y

25'(TYP.)
DRUM SPACING

TR8W

58+00'N

59+00'N

60+00'N

61+00'N

62+00'N

63+

NB STH 65

TR4W

25'(TYP.)

MATCH LINE STA. 57+00 'N'

MATCH LINE STA. 63+00 'N'

LANE
CLOSED
R11-2-L

W01-6
48"X24"

MOVE

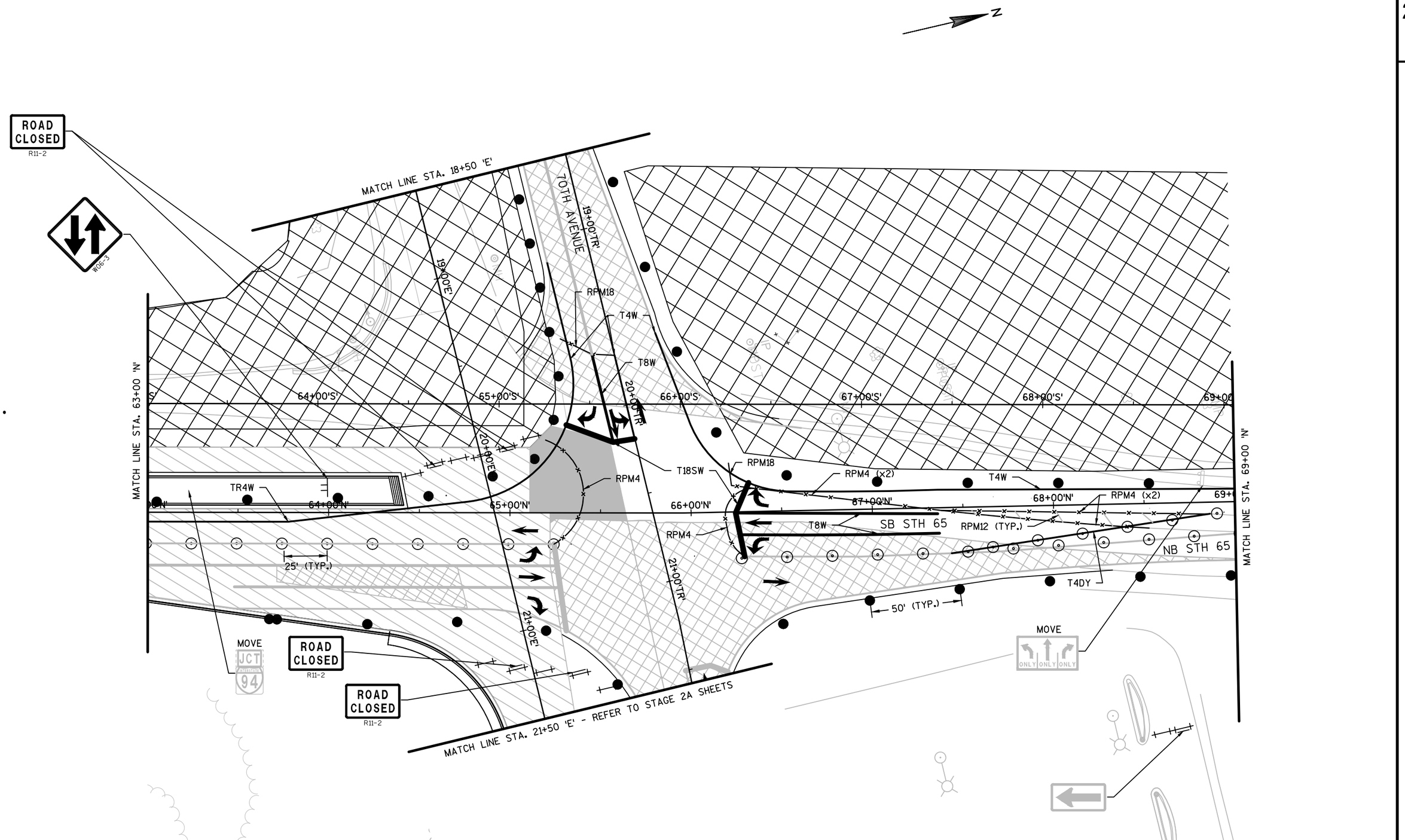
MOVE
ROUNDABOUT AHEAD

MOVE
15 M.P.H.

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3.DWG
LAYOUT NAME - STG1 - (4)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

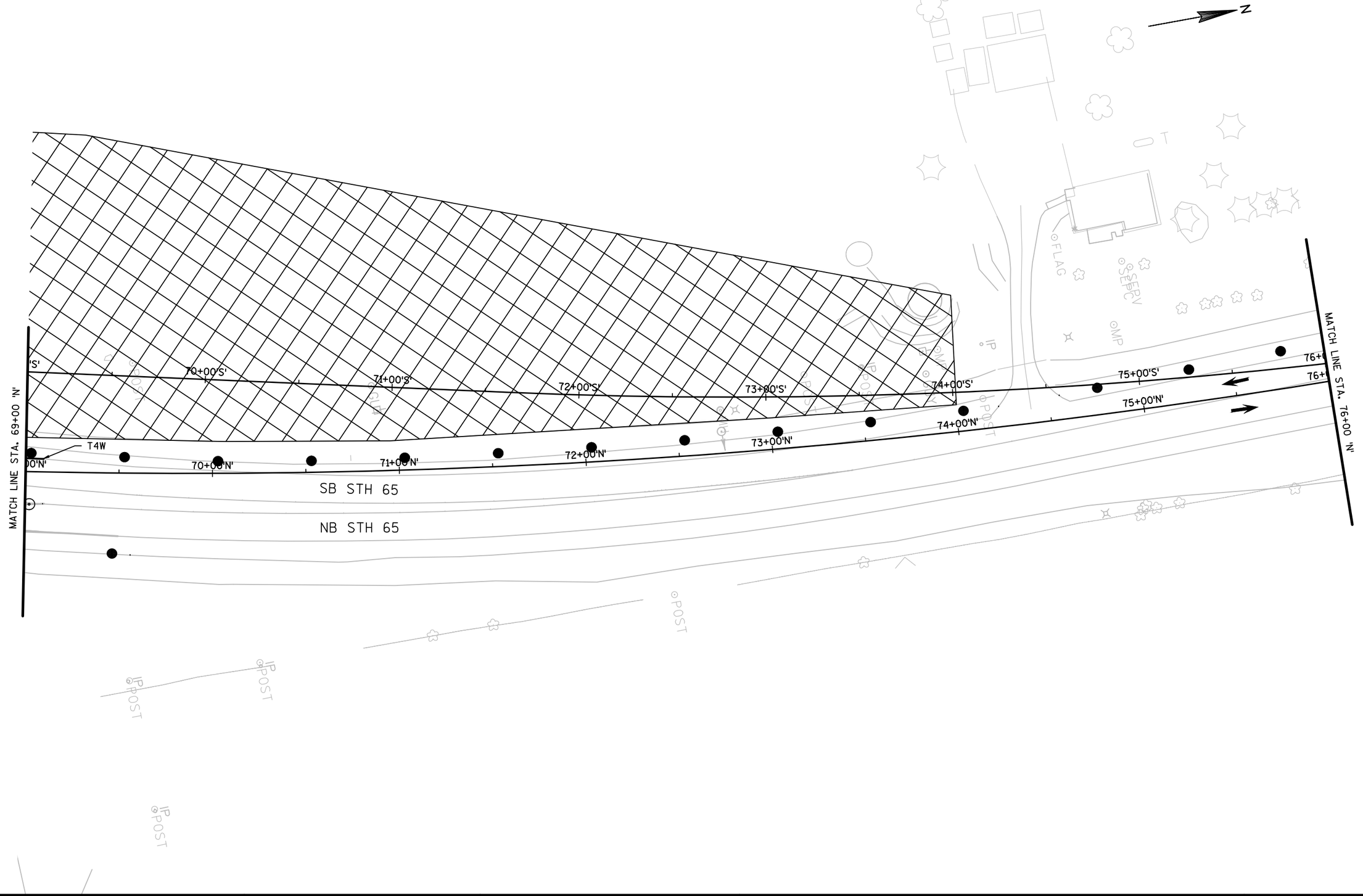
2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3.DWG
LAYOUT NAME - STG1 - (5)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------PLOT SCALE : **********

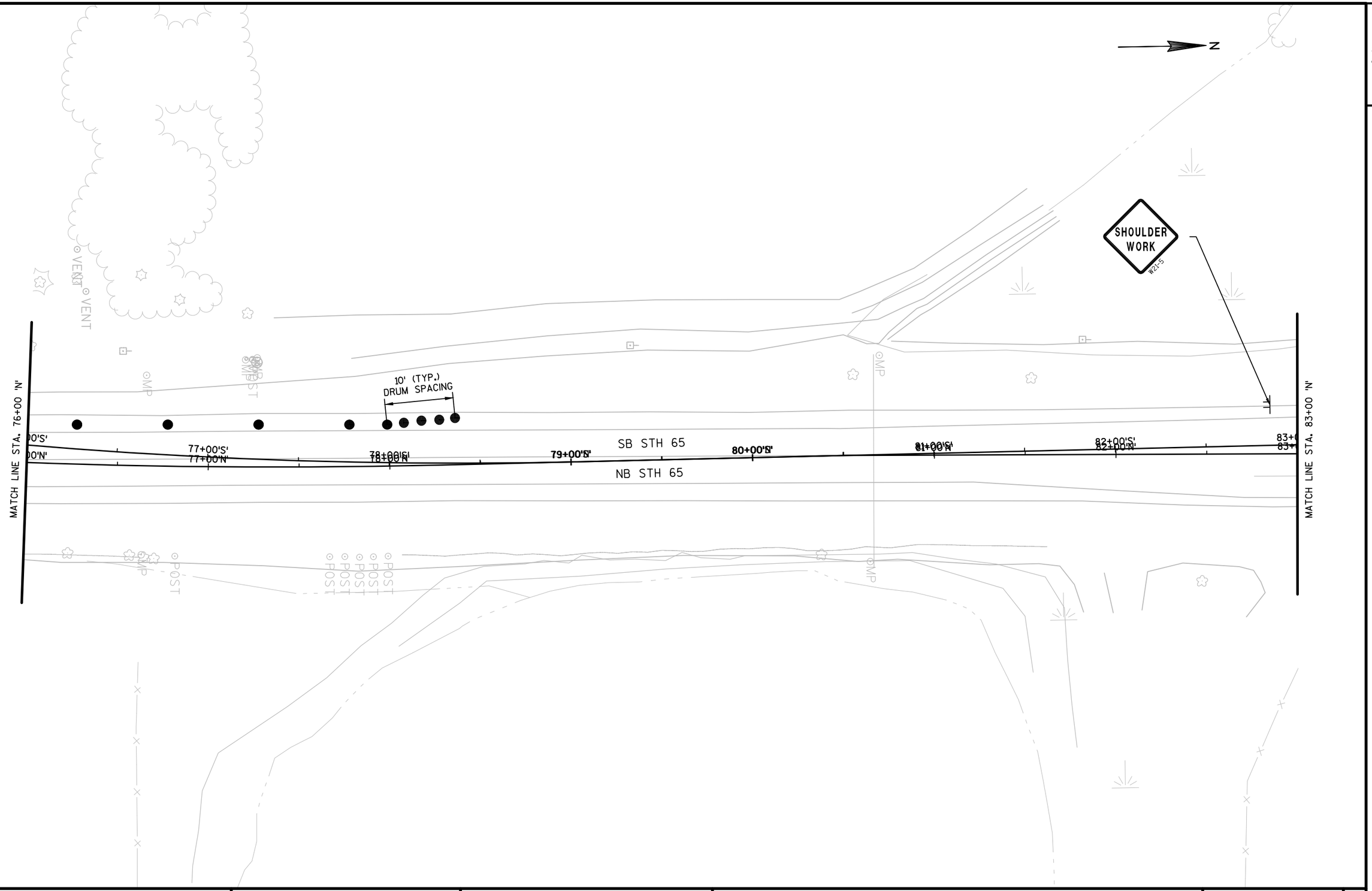
2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3.DWG
LAYOUT NAME - STG1 - (6)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3.DWG
LAYOUT NAME - STG1 - (7)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********

2

2

N

STOP
R1-1
30"X30"

STOP
R1-1
30"X30"

50' (TYP.)

18+00'TR'

17+00'TR'

16+00'TR'

15+00'TR'

14+00'TR'

RPM4

T4W

T4W

70TH AVENUE

25' DRUM
SPACING

14+00'E'

15+00'E'

16+00'E'

17+00'E'

18+00'E'

TR4W

MATCH LINE STA. 18+50 'E'

MOVE

STOP

ROAD
CLOSED
R11-2

ROAD
CLOSED

ROAD
CLOSED
R11-2

TRAVEL PLAZA

IP

MP

MH

WV

VLV

POST

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3.DWG
LAYOUT NAME - STG1 - (8)

PLOT DATE : 5/31/2017

PLOT BY : KL ENGINEERING

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

PLOT SCALE : **********

N

SCALE, FEET

0 125 250

ANTICIPATED STAGE DURATION:

20 CALENDER DAYS

STAGE 3A MAINTENANCE OF TRAFFIC:

- NB STH 65 INSIDE LANES THRU INTERCHANGE (INCLUDING EB OFF RAMP) REMAIN CLOSED
- NB STH 65 (SOUTH LEG) TRAFFIC CONTINUES TO USE NEW NB LANES TO EXISTING 70TH AVENUE INTERSECTION
- SB STH 65 (SOUTH LEG) TRAFFIC SHIFTS TO NEW NB STH 65 MEDIAN LANE AND USES MEDIAN CROSSOVERS TO EXISTING SB STH 65 AND RAMP PAVEMENT
- STH 65 (NORTH LEG) TRAFFIC REMAINS ON EXISTING PAVEMENT AND TEMPORARY PAVEMENT AT INTERSECTION
- 70TH AVENUE TRAFFIC REMAINS ON TEMPORARY ROADWAY
- TRAVEL PLAZA SMALL VEHICLE ENTRANCE SHIFTS TO THE EAST
- TEMPORARY SIGNAL CONTROL AT STH 65 AND 70TH AVENUE INTERSECTION
- MAINTAIN ACCESS TO THE PARK & RIDE AT ALL TIMES
- MAINTAIN LOCAL ACCESS AT ALL TIMES
- THE CONTRACTOR SHALL MAINTAIN OSOW VEHICLE MOVEMENTS TO/FROM PRE-CAST PLANT AS SPECIFIED IN THE SPECIAL PROVISIONS

STAGE 3A CONSTRUCTION:

- CONSTRUCT SB STH 65 STA 56+75'S' - STA 58+75'S'
- CONSTRUCT 70TH AVENUE STA 15+37'E' - STA 17+10'E'
- GRADING OPERATIONS AVAILABLE SB STH 65 STA 66+00'S' - STA 74+00'S'

70TH AVE

TRAVEL PLAZA

IH 94

STH 65

TEMPORARY

R Y G

PARK & RIDE

WETLAND

WETLAND

STH 65

WAGNER DR

PRE-CAST CONCRETE MANUFACTURING FACILITY

70TH AVE

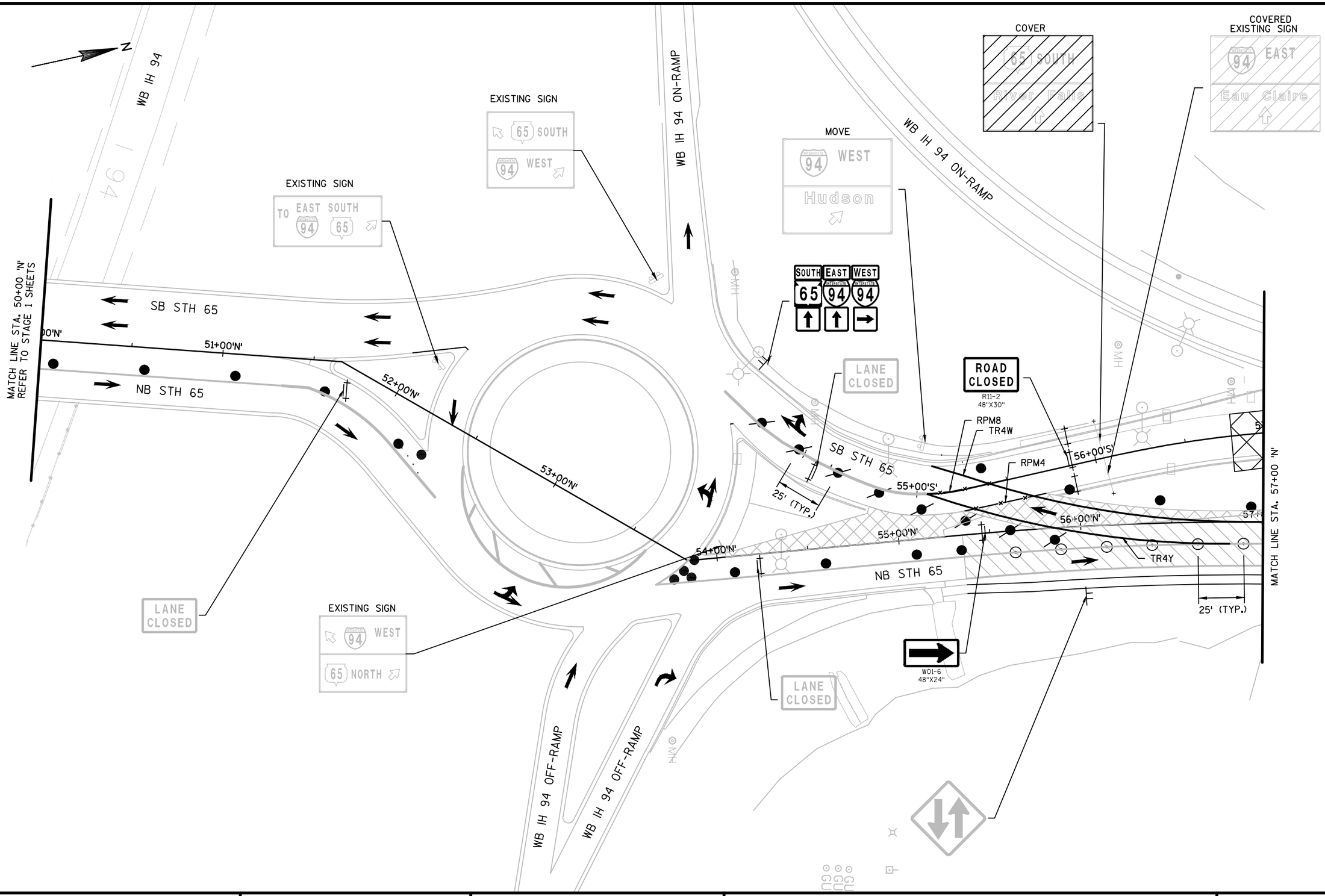
N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER
- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGE
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL OVERVIEW - STAGE 3A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3A.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3A.DWG
LAYOUT NAME - STG1 - (3)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

2

N

MOVE

65 SOUTH

INTERSTATE 94 WEST

COVER/CHANGE ARROW

MOVE

ROUNDABOUT AHEAD

MOVE

15 M.P.H.

MOVE

POST

MH

MP

POST

MATCH LINE STA. 57+00 'N'

MATCH LINE STA. 63+00 'N'
REFER TO STAGE 3 SHEETS

57+00'S'

58+00'S'

59+00'S'

60+00'S'

61+00'S'

62+00'S'

63+00

50' (TYP.)

TR4W

56+00'N'

55+00'N'

54+00'N'

53+00'N'

52+00'N'

51+00'N'

TR4W

25' (TYP.)

SB STH 65

NB STH 65

ROAD CLOSED

R11-2
48"X30"

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3A.DWG
LAYOUT NAME - STG1 - (4)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

2

N

ROAD CLOSED
R11-2
48"X30"

70TH AVENUE

50' (TYP.)

25' (TYP.)

12+00'E'
13+00'E'
14+00'E'
15+00'E'
16+00'E'
17+00'E'
18+00'E'

12+00
13+00
14+00
15+00
16+00
17+00
18+00

TR4W
RPM4

MATCH LINE STA. 18+50 'E'
REFER TO STAGE 3 SHEETS

MOVE

STOP
AG

STOP

ROAD CLOSED

TRAVEL PLAZA

ROAD CLOSED
R11-2
48"X30"

IP
MP
MH
WV
VLV
POST

2

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 3A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S3A.DWG
LAYOUT NAME - STG1 - (8)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

2

N

SCALE, FEET

0 125 250

ANTICIPATED STAGE DURATION:

66 CALENDER DAYS

STAGE 4 MAINTENANCE OF TRAFFIC:

- NB STH 65 INSIDE LANES THRU INTERCHANGE (INCLUDING EB OFF RAMP) REMAIN CLOSED
- NB STH 65 (SOUTH LEG) TRAFFIC CONTINUES TO USE NEW NB LANES TO 70TH AVENUE INTERSECTION
- SB STH 65 (SOUTH LEG) TRAFFIC SHIFTS TO NEW SB STH 65 LANE AND EXISTING RAMP LANE
- STH 65 (NORTH LEG) IS CLOSED AND TRAFFIC USES DETOUR ROUTE
- 70TH AVENUE TRAFFIC SHIFTS TO NEW LANES
- TEMPORARY SIGNAL CONTROL AT STH 65 AND 70TH AVENUE INTERSECTION
- MAINTAIN ACCESS TO THE PARK & RIDE AT ALL TIMES
- MAINTAIN LOCAL ACCESS AT ALL TIMES
- THE CONTRACTOR SHALL MAINTAIN OSOW VEHICLE MOVEMENTS TO/FROM PRE-CAST PLANT AS SPECIFIED IN THE SPECIAL PROVISIONS

STAGE 4 CONSTRUCTION:

- CONSTRUCT STH 65 STA 65+20'N' - STA 82+70'N'; INCLUDING ALL CURB & GUTTER, ISLANDS, MEDIANS, AND PAVEMENT MARKING
- CONSTRUCT STH 65 MEDIAN CURB & GUTTER AND SIDEWALK STA 55+05'N' - STA 61+00'N'
- CONSTRUCT OVERHEAD SIGN BRIDGE SB STH 65 STA 72+29'S'
- CONSTRUCT REMAINING 70TH AVENUE, PARK & RIDE, BUS PAD, AND SIDEWALK
- REMOVE MEDIAN CROSSOVER TEMPORARY PAVEMENT STA 54+05'N' - STA 60+50'N'
- REMOVE TEMPORARY ROADWAY ALONG 70TH AVENUE

70TH AVE

TRAVEL PLAZA

IH 94

STH 65

TEMPORARY R Y G

PARK & RIDE

WETLAND

WETLAND

STH 65

WAGNER DR

PRE-CAST CONCRETE MANUFACTURING FACILITY

70TH AVE

N

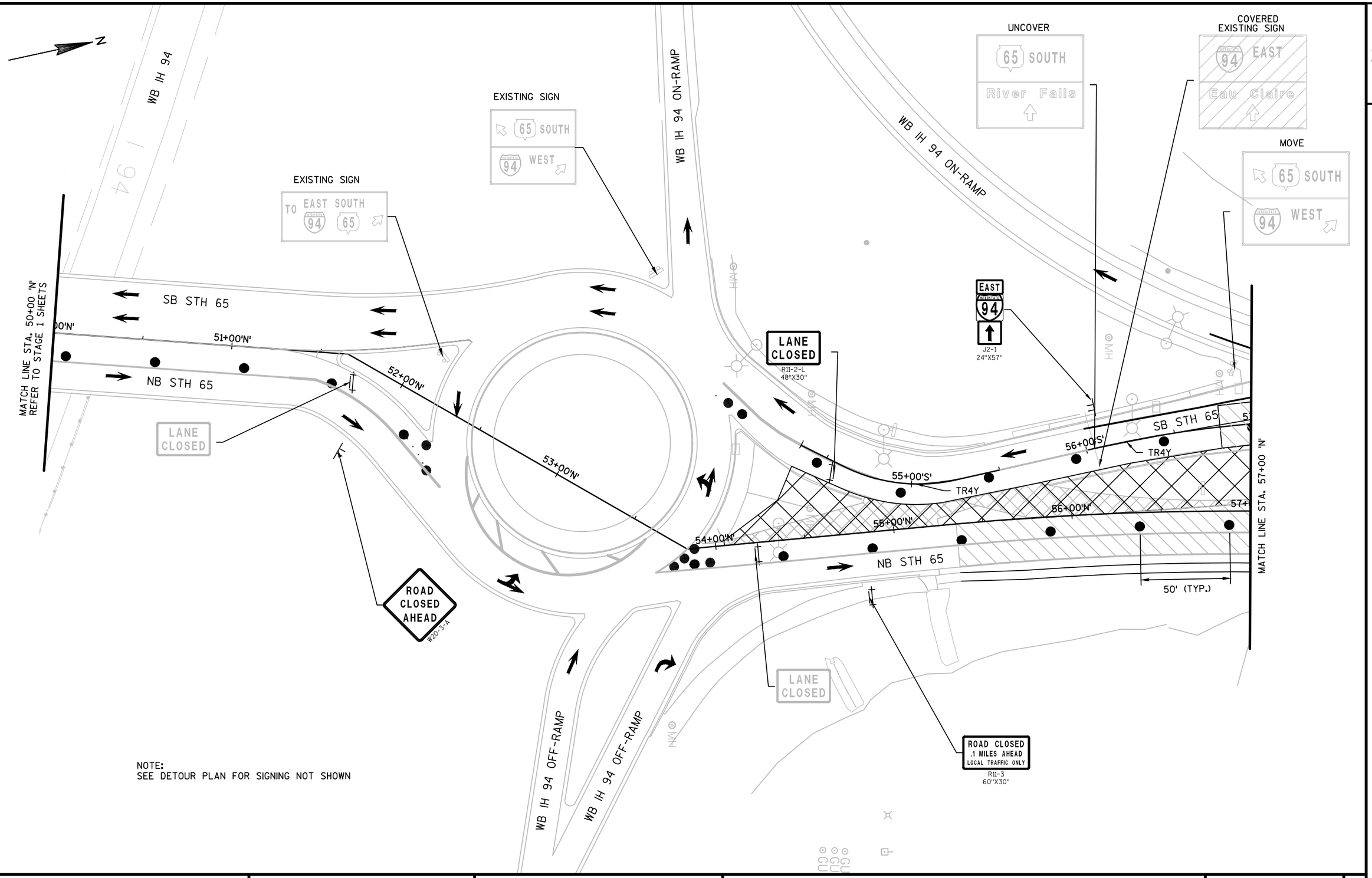
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER

- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGE
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL OVERVIEW - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT

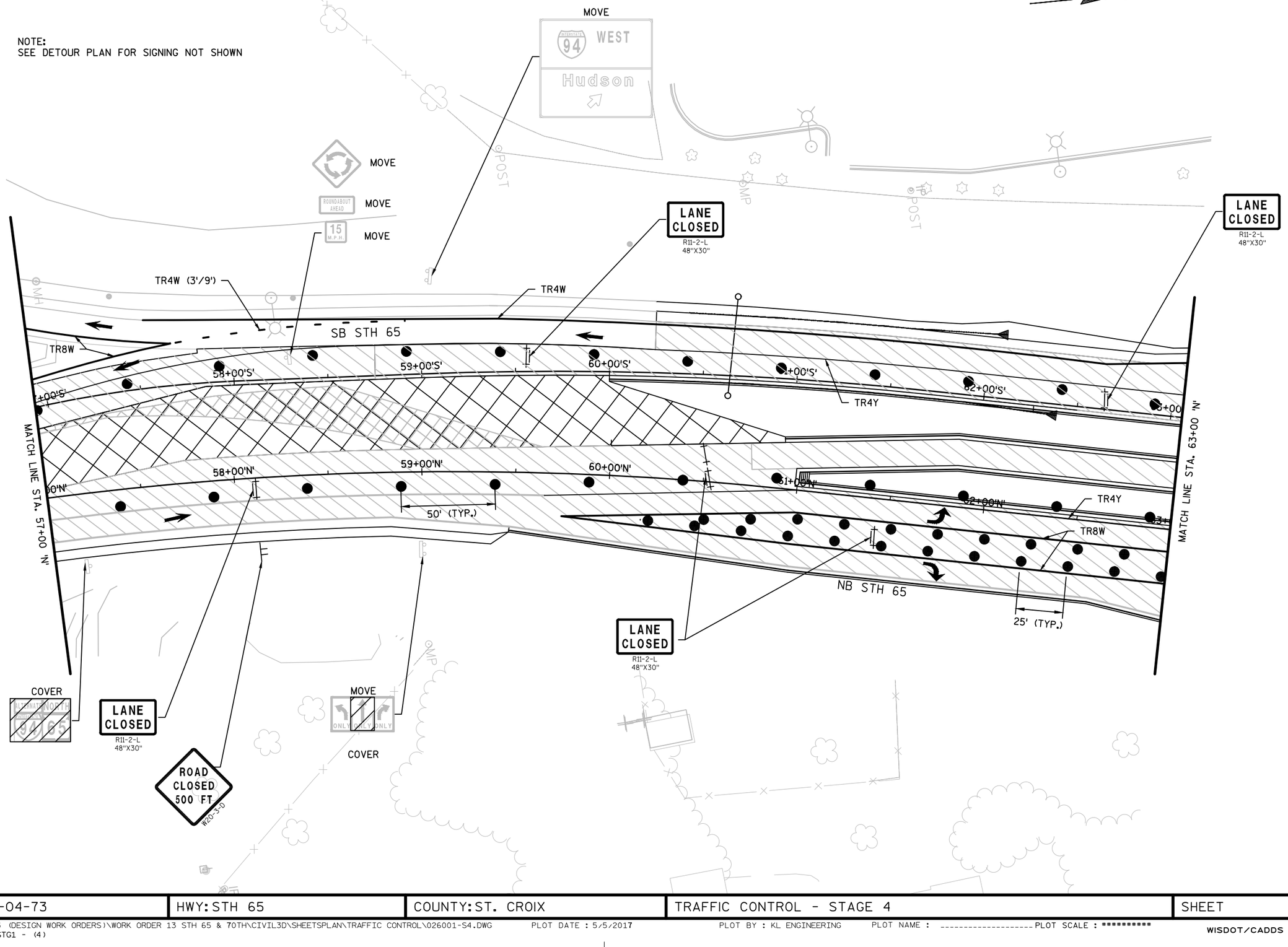


NOTE:
SEE DETOUR PLAN FOR SIGNING NOT SHOWN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG
LAYOUT NAME - STG1 - (3)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------PLOT SCALE : **********

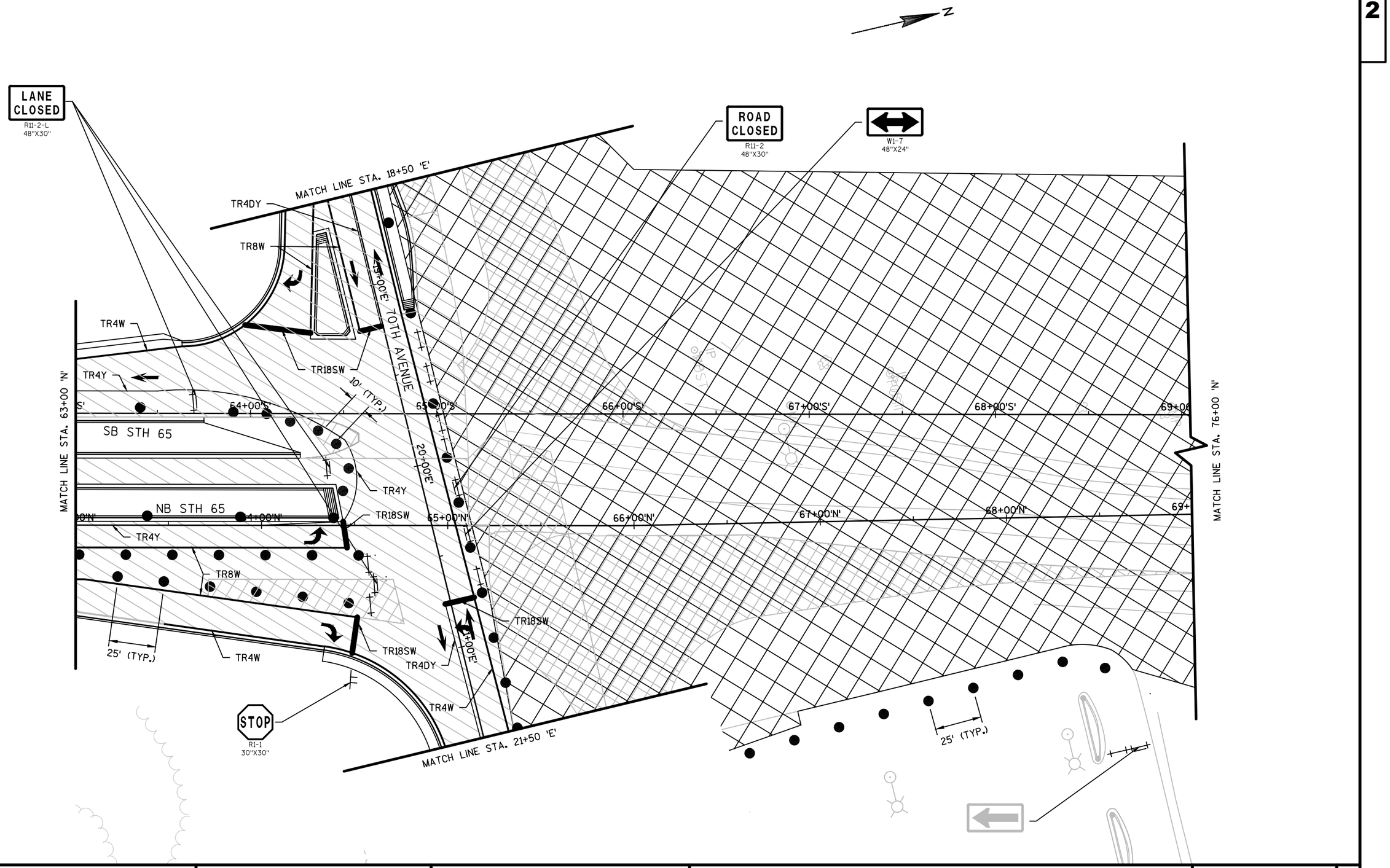
NOTE:
SEE DETOUR PLAN FOR SIGNING NOT SHOWN



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG
LAYOUT NAME - STG1 - (4)
PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********

2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : **********
LAYOUT NAME - STG1 - (5)

2

2

N

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

MATCH LINE STA. 69+00 'N'

MATCH LINE STA. 83+00 'N'

77+00'S'
77+00'N'

78+00'S'
78+00'N'

79+00'S'

80+00'S'

81+00'S'
81+00'N'

82+00'S'
82+00'N'

SB STH 65

NB STH 65

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG
LAYOUT NAME - STG1 - (7)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

2

NOTE:
SEE DETOUR PLAN FOR SIGNING NOT SHOWN

N

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

ROAD CLOSED 500 FT
W20-3-D

MATCH LINE STA. 83+00 'N'

SB STH 65

84+00'S'
84+00'N'
85+00'S'
85+00'N'
86+00'S'
86+00'N'

NB STH 65

WELL
IP
MP
POST
MH

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG
LAYOUT NAME - STG1 - (8)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

2

N

MOVE

MOVE

MOVE

MOVE

50' (TYP.)

12+00'E'

13+00'E'

14+00'E'

15+00'E'

16+00'E'

17+00'E'

18+00'E'

70TH AVENUE

TR4W

TR4DY

TR8W

TR4W

MATCH LINE STA. 18+50 'E'

MOVE

STOP

MOVE

MOVE

MOVE

STOP

ONLY ONLY

R3-8-D
36"X30"

TRAVEL PLAZA

IP

MP

MH

WV

VLV

POST

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG
LAYOUT NAME - STG1 - (8)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********

2

N

25' (TYP.)

PARK & RIDE

MOVE

STOP

MAINTAIN DRIVEWAY ACCESS
AT ALL TIMES.

MOVE

50' (TYP.)

MATCH LINE STA. 21+50 'E'

T4W

22+00'E'

23+00'E'

24+00'E'

25+00'E'

26+00'E'

27+00'E'

28+00'E'

70TH AVENUE

MATCH LINE STA. 28+50 'E'

TR4DY

TR4W

T4W

T4DY

MOVE

RIDESHARE
INFO CALL
1-800-455-POOL

MOVE

SPEED
LIMIT
45

MOVE

PARK & RIDE
PARKING ONLY

MOVE

PARK &
RIDE

MOVE

STOP

NOTE:
STAGE THE REMOVAL OF THE TEMPORARY ROADWAY AND FINAL PARK AND RIDE LOT PAVEMENT SURFACE TO PROVIDE ACCESS AT ALL TIMES.

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG
LAYOUT NAME - STG1 - (8)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------PLOT SCALE : **********

2

N

SHOULDER WORK
W21-5

50' (TYP.)

10' (TYP.) (ON TAPER)

MP

MATCH LINE STA. 28+50 'E'

29+00'E' 30+00'E' 31+00'E' 32+00'E' 33+00'E' 34+00'E' 35+00'E'

70TH AVENUE

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4.DWG
LAYOUT NAME - STG1 - (8)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : ----------
PLOT SCALE : **********

N

SCALE, FEET

0 125 250

ANTICIPATED STAGE DURATION:

17 CALENDER DAYS

STAGE 4A MAINTENANCE OF TRAFFIC:

- NB STH 65 INSIDE LANE THRU INTERCHANGE (INCLUDING EB OFF RAMP) REMAIN CLOSED
- NB STH 65 TRAFFIC TO USE NEW NB LANES
- SB STH 65 TRAFFIC TO USE NEW SB LANES
- 70TH AVENUE TRAFFIC TO USE NEW LANES
- TEMPORARY SIGNAL CONTROL AT STH 65 AND 70TH AVENUE INTERSECTION
- PORTION OF PARK & RIDE CLOSED, MAINTAIN ACCESS AT ALL TIMES
- MAINTAIN LOCAL ACCESS AT ALL TIMES
- THE CONTRACTOR SHALL MAINTAIN OSOW VEHICLE MOVEMENTS TO/FROM PRE-CAST PLANT AS SPECIFIED IN THE SPECIAL PROVISIONS

STAGE 4A CONSTRUCTION:

- CONSTRUCT NB STH 65 RIGHT TURN ISLAND STA 63+70'N' - STA 64+75'N'
- CONSTRUCT SB STH 65 MEDIAN STA 63+75'S' - STA 64+60'S'
- CONSTRUCT 70TH AVENUE HMA PAVEMENT SURFACE LIFT
- CONSTRUCT PERMANENT INTERSECTION SIGNALS
- CONSTRUCT REMAINDER OF PARK & ROAD
- REMOVE TEMPORARY SIGNALS

70TH AVE

TRAVEL PLAZA

IH 94

STH 65

TEMPORARY

R Y G

PARK & RIDE

WETLAND

WETLAND

STH 65

POST

WAGNER DR

PRE-CAST CONCRETE MANUFACTURING FACILITY

70TH AVE

N

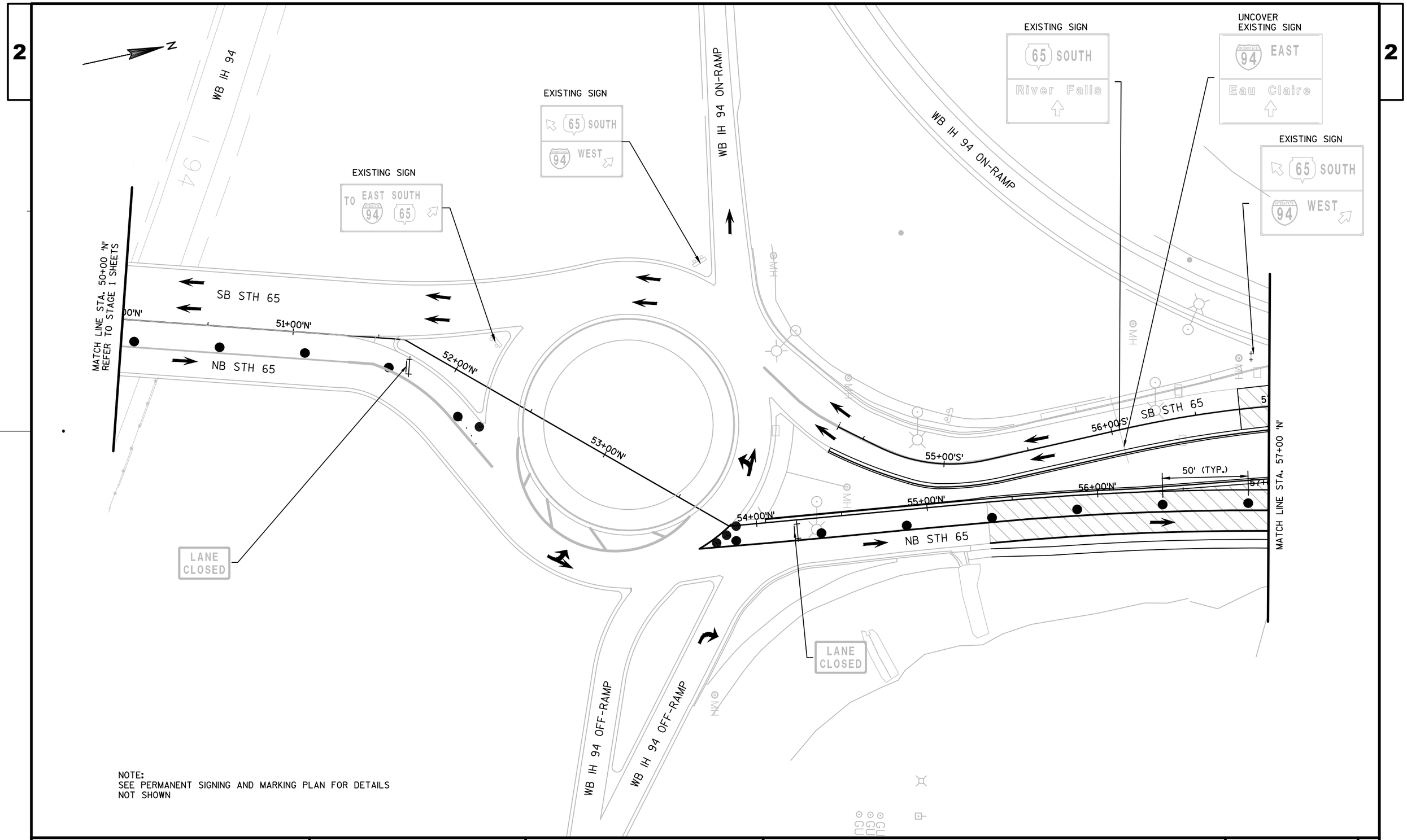
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C LIGHT
- SIGN ON TEMPORARY SUPPORT
- MOVED SIGN ON MOVED SUPPORT(S)
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- REMOVING PAVEMENT MARKINGS
- FLEXIBLE TUBULAR MARKER
- WORK AREA
- TEMPORARY ASPHALT PAVEMENT
- TEMPORARY ASPHALT PAVEMENT PLACED IN PREVIOUS STAGE
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT - BINDER LAYERS
- ASPHALT PAVEMENT - SURFACE LAYER

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL OVERVIEW - STAGE 4A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4A.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT

WISDOT/CADDS SHEET 42

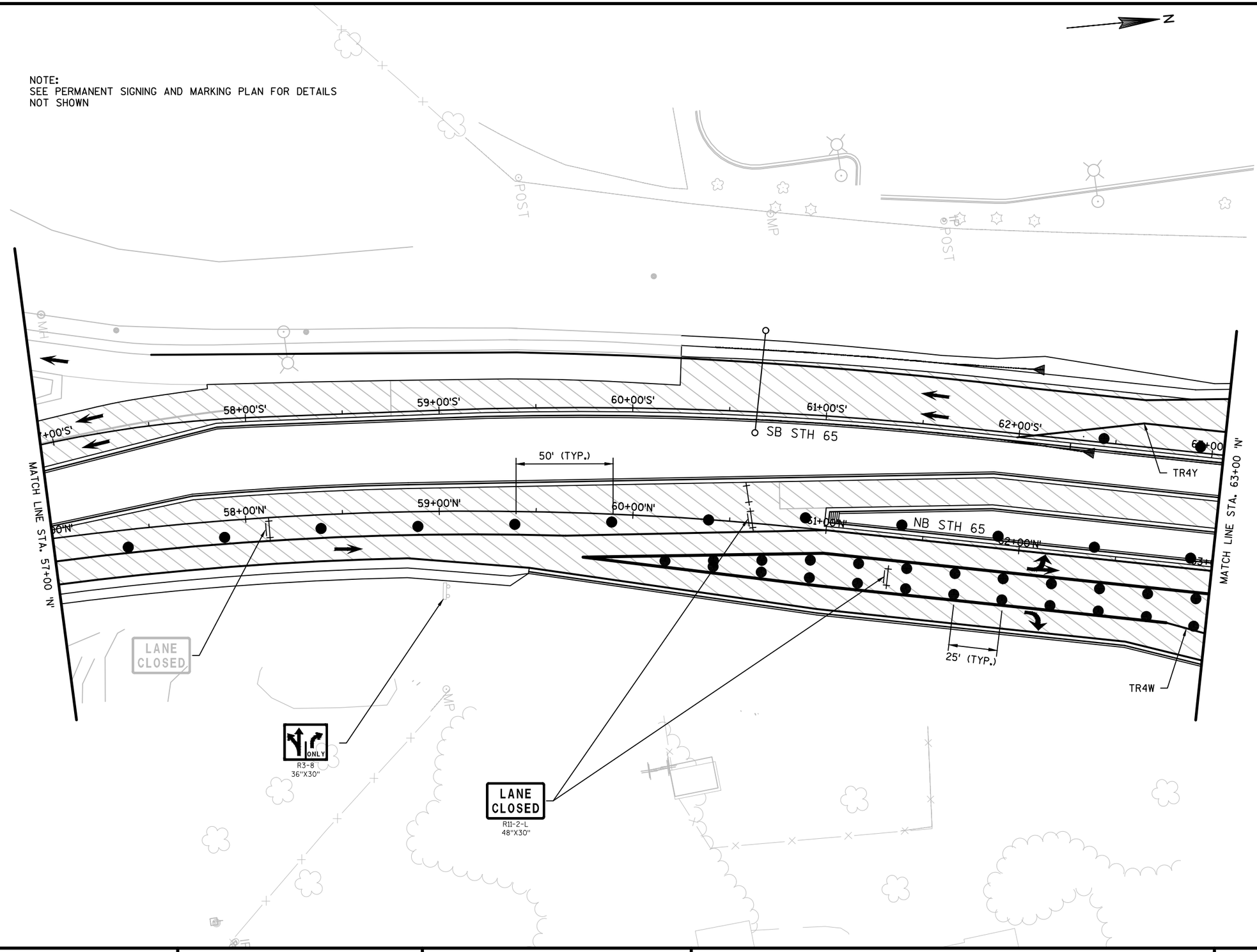


NOTE:
SEE PERMANENT SIGNING AND MARKING PLAN FOR DETAILS NOT SHOWN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4A.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (3)

NOTE:
SEE PERMANENT SIGNING AND MARKING PLAN FOR DETAILS NOT SHOWN



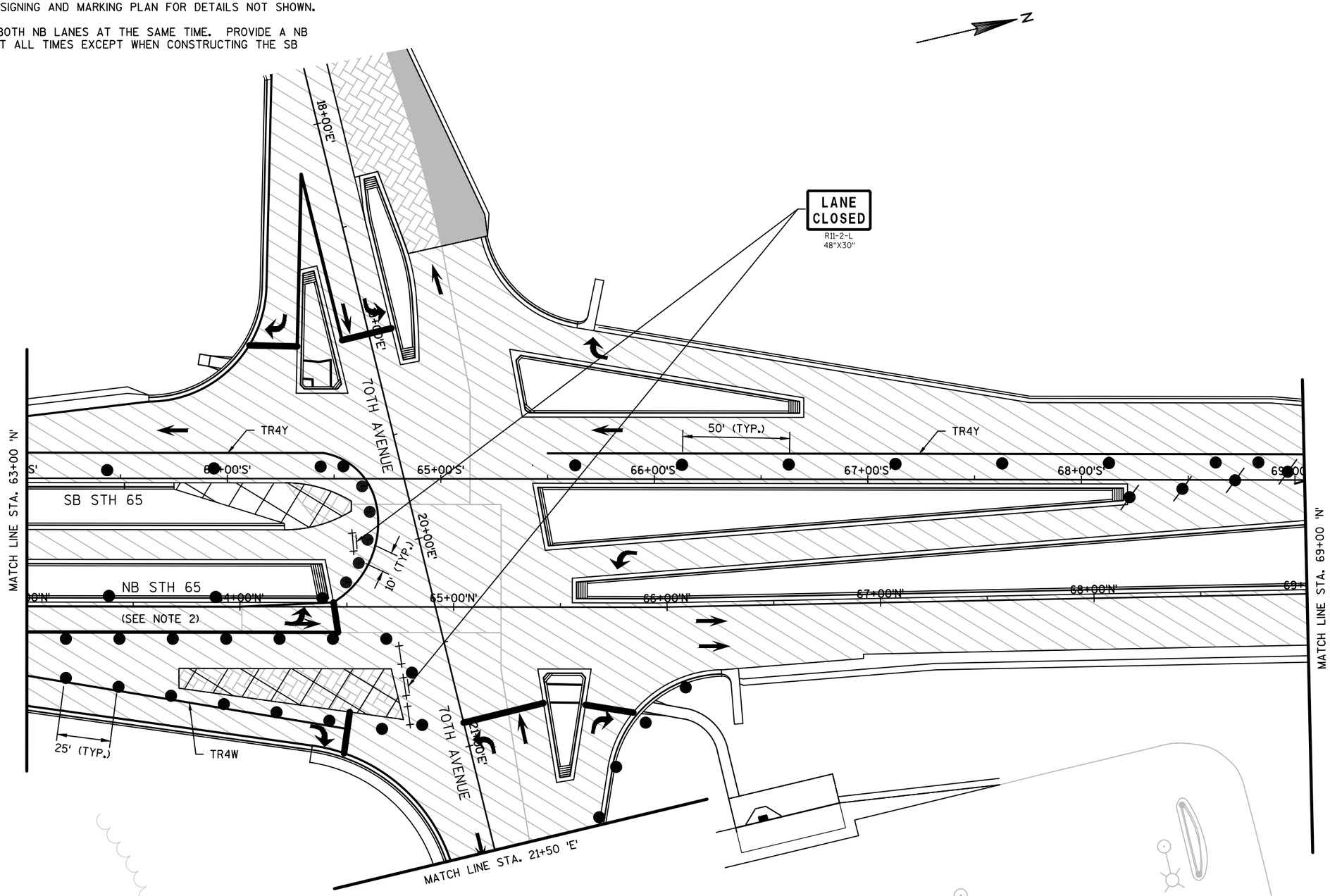
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4A.DWG
LAYOUT NAME - STG1 - (4)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********
WISDOT/CADDS SHEET 42

NOTES:

1. SEE PERMANENT SIGNING AND MARKING PLAN FOR DETAILS NOT SHOWN.

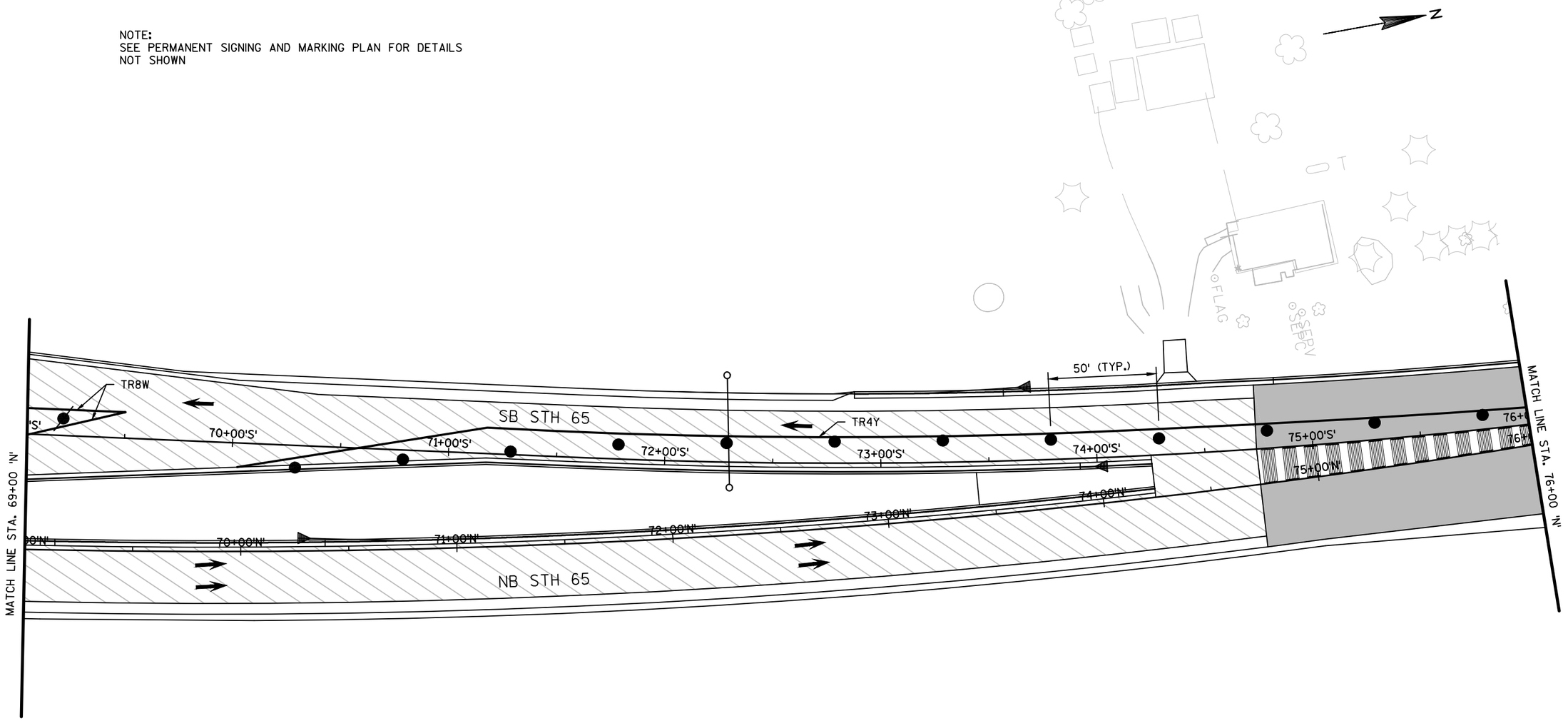
2. DO NOT CLOSE BOTH NB LANES AT THE SAME TIME. PROVIDE A NB LEFT TURN LANE AT ALL TIMES EXCEPT WHEN CONSTRUCTING THE SB MEDIAN NOSE.



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4A.DWG PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********
LAYOUT NAME - STG1 - (5)

NOTE:
SEE PERMANENT SIGNING AND MARKING PLAN FOR DETAILS
NOT SHOWN



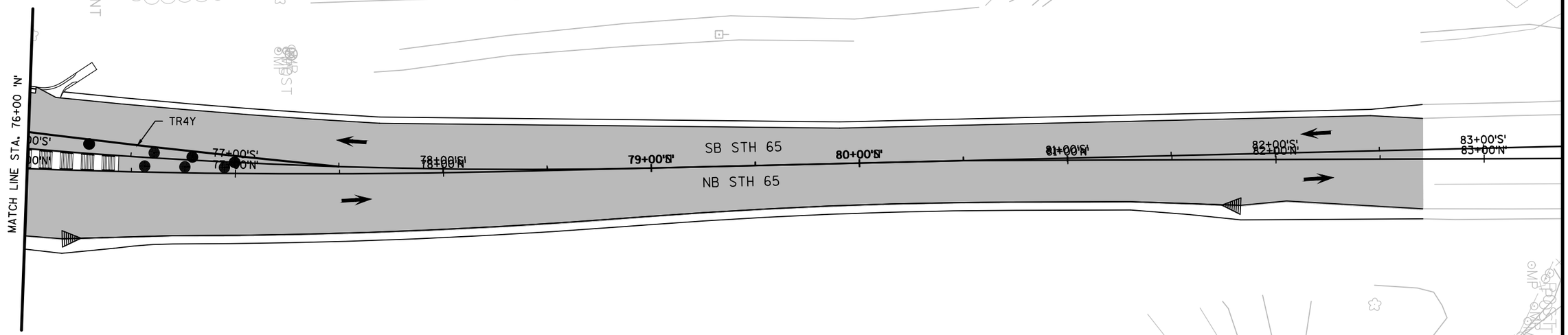
IP @POST

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4A.DWG
LAYOUT NAME - STG1 - (6)
PLOT DATE : 5/5/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : **********

NOTE:
SEE PERMANENT SIGNING AND MARKING PLAN FOR DETAILS
NOT SHOWN

N



PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL - STAGE 4A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\026001-S4A.DWG
LAYOUT NAME - STG1 - (7)
PLOT DATE : 5/5/2017
PLOT BY : KL ENGINEERING
PLOT NAME : _____ PLOT SCALE : **********
WISDOT/CADDS SHEET 42

NOTE:
SEE PERMANENT SIGNING AND MARKING PLAN FOR DETAILS
NOT SHOWN

N

PARK & RIDE

IP

SHOULDER WORK
W21-5

25' (TYP.)

10' SPACING ON TAPER

22+00'E' 23+00'E' 24+00'E' 25+00'E' 26+00'E' 27+00'E' 28+00'E' 29

70TH AVENUE

MATCH LINE STA. 21+50 'E'

MP GUY GUY GUY

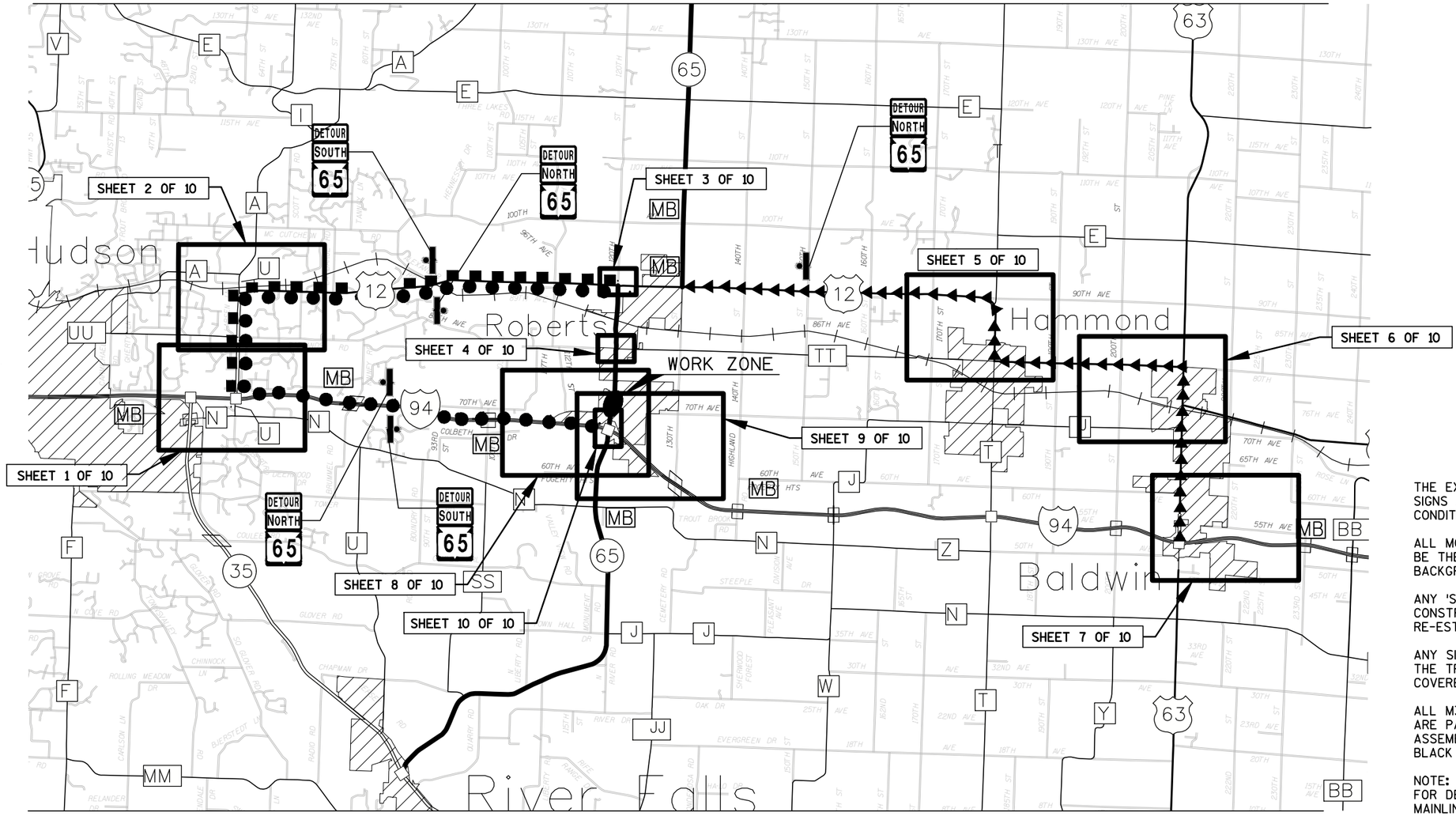
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL - STAGE 4A	SHEET E

SIGN LEGEND

NORTH	SOUTH	DETOUR	65
M3-1 24"X12"	M3-3 24"X12"	M4-8 24"X12"	M1-6 24"X24"

N

NTS



LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- MB — PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL NOTES

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

ALL M05 AND M06 ARROW SIGNS AND 'W0' SIGNS SHALL BE THE SAME AS 'M' AND 'W' SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ANY 'STOP' SIGNS THAT ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.

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

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

NOTE:
FOR DETAILS NOT SHOWN SEE SDD 'DETOUR SIGNING FOR MAINLINE CLOSURES' AND SDD 'BARRICADES AND SIGNS FOR MAINLINE CLOSURES.'

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN OVERVIEW	SHEET	E

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | M3-1 24"X12" NORTH | M3-2 24"X12" EAST | M3-3 24"X12" SOUTH | M3-4 24"X12" WEST | M4-6 24"X12" END | M4-8 24"X12" DETOUR | M4-8A 24"X18" END DETOUR | M2-1 21"X15" JCT | M4-1 24"X12" ALTERNATE | M1-6 24"X24" 65 | M1-5A 24"X24" COUNTY U | M1-1 24"X24" INTERSTATE 94 | M1-4 24"X24" 12 | W20-2-A DETOUR AHEAD

N

NTS

BRAKKE DR.

RODEO DR.

IH 94

CTH N

CTH U

STH 35

USH 12

DETOUR NORTH 65

DETOUR SOUTH 65

DETOUR AHEAD W20-2-A

ALTERNATE EAST INTERSTATE 94

JCT INTERSTATE 94

EAST ALTERNATE INTERSTATE 94 | COUNTY U | WEST 12 | WEST INTERSTATE 94

EAST 12 | ALTERNATE INTERSTATE 94 | COUNTY U

EXIT 4 — 12 U — Somerset — 3/4 MILE

EXIT 4 — 12 U — Somerset — 3/4 MILE — EXIT ONLY

EXIT 4 — 12 U — Somerset — 1 MILE

EXIT 4 — 12 U — Somerset — EXIT ONLY

Roberts New Richmond

Somerset — Willow River State Park

COVER

Roberts — Menomonie 37 — Eau Claire 61

LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 1 OF 10	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1" = 1000'_XREF

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-A

N

CTH A

CTH A

CTH U

STH 65

USH

CTH UU

BADLANDS RD.

Somerset
Roberts
Hammond
New Richmond

LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 2 OF 10	SHEET E

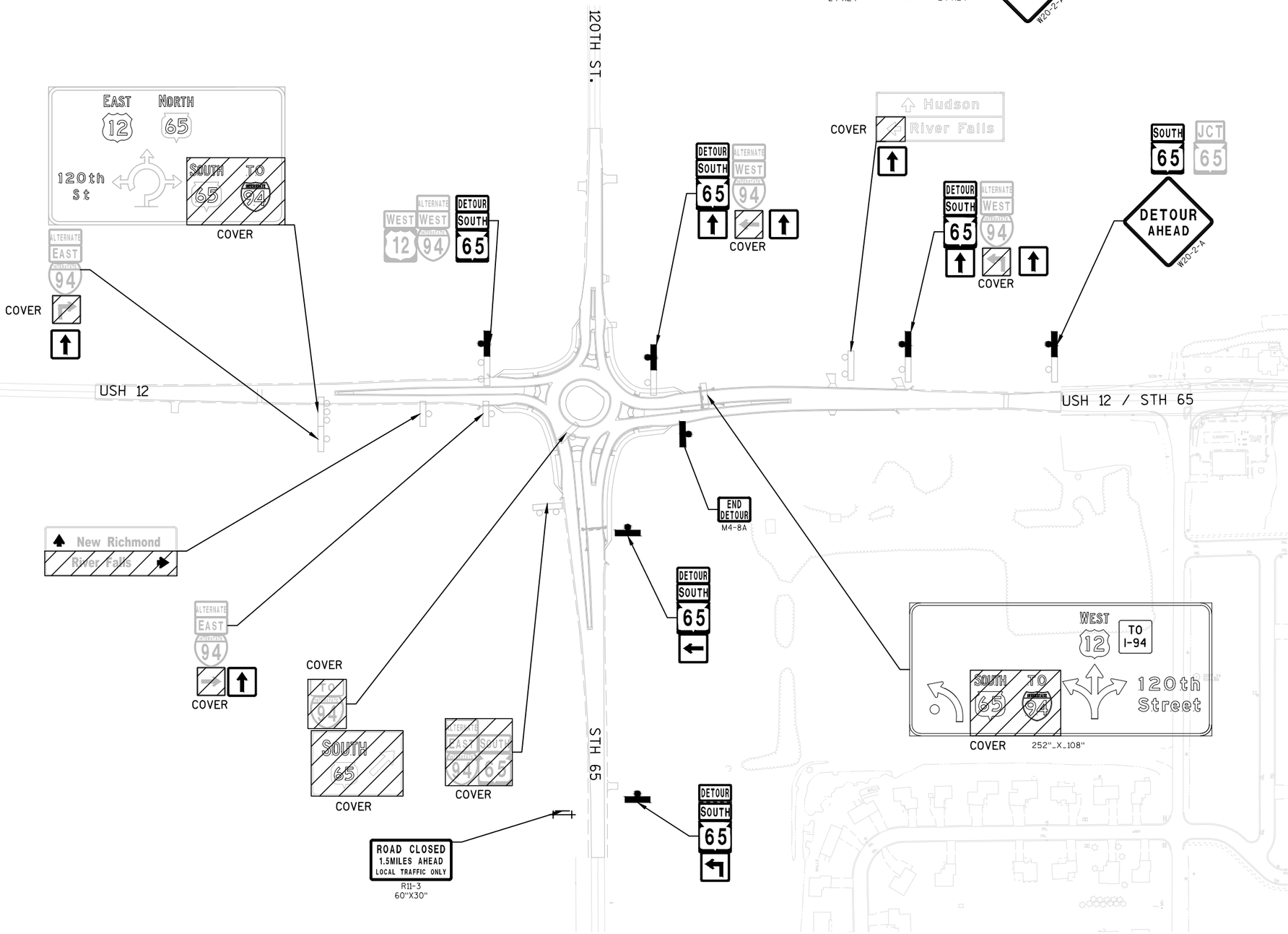
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1" = 1000'_XREF

WISDOT/CADDS SHEET 42

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-A

N



LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

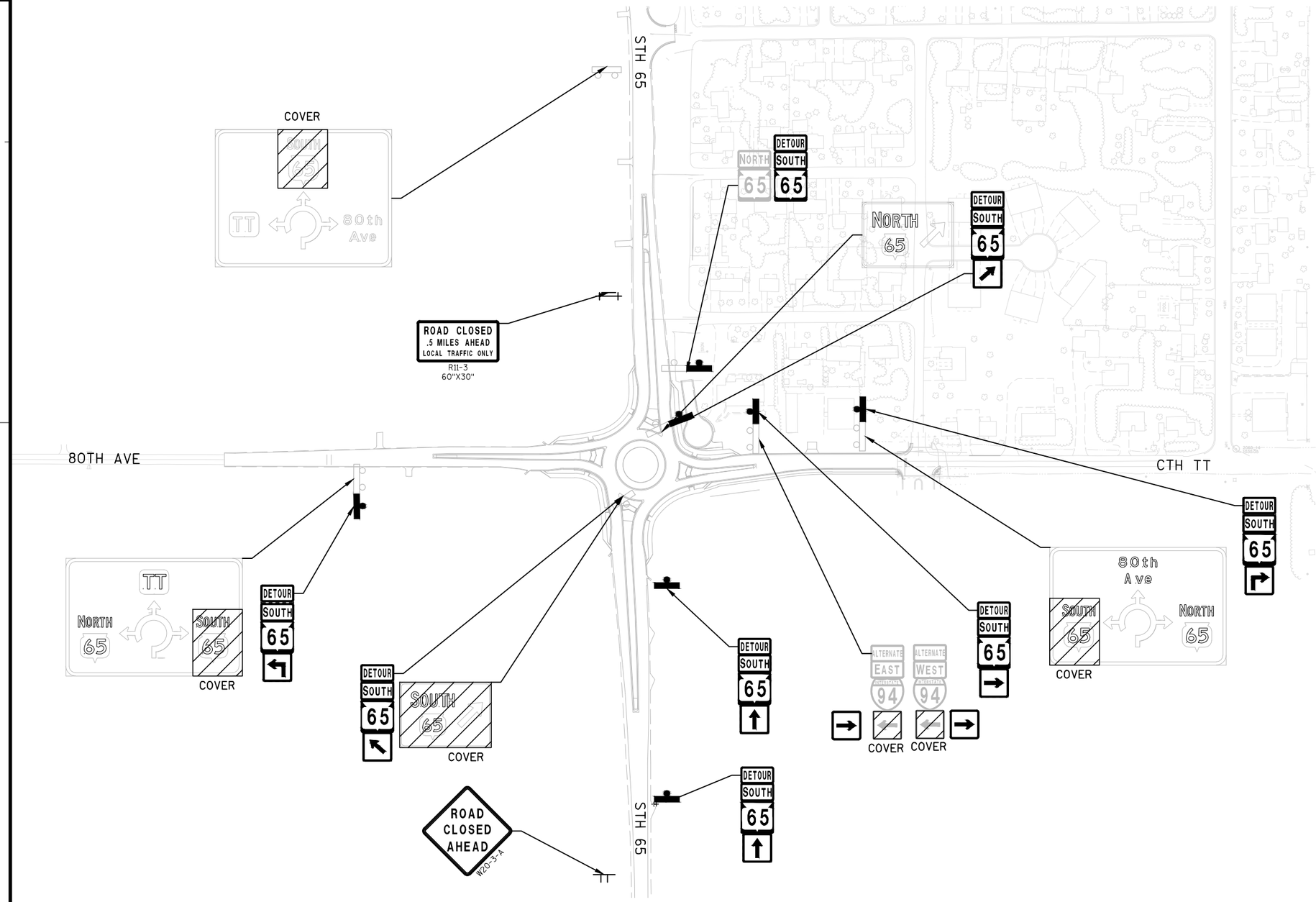
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 3 OF 10	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT-2.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-4

N



LEGEND

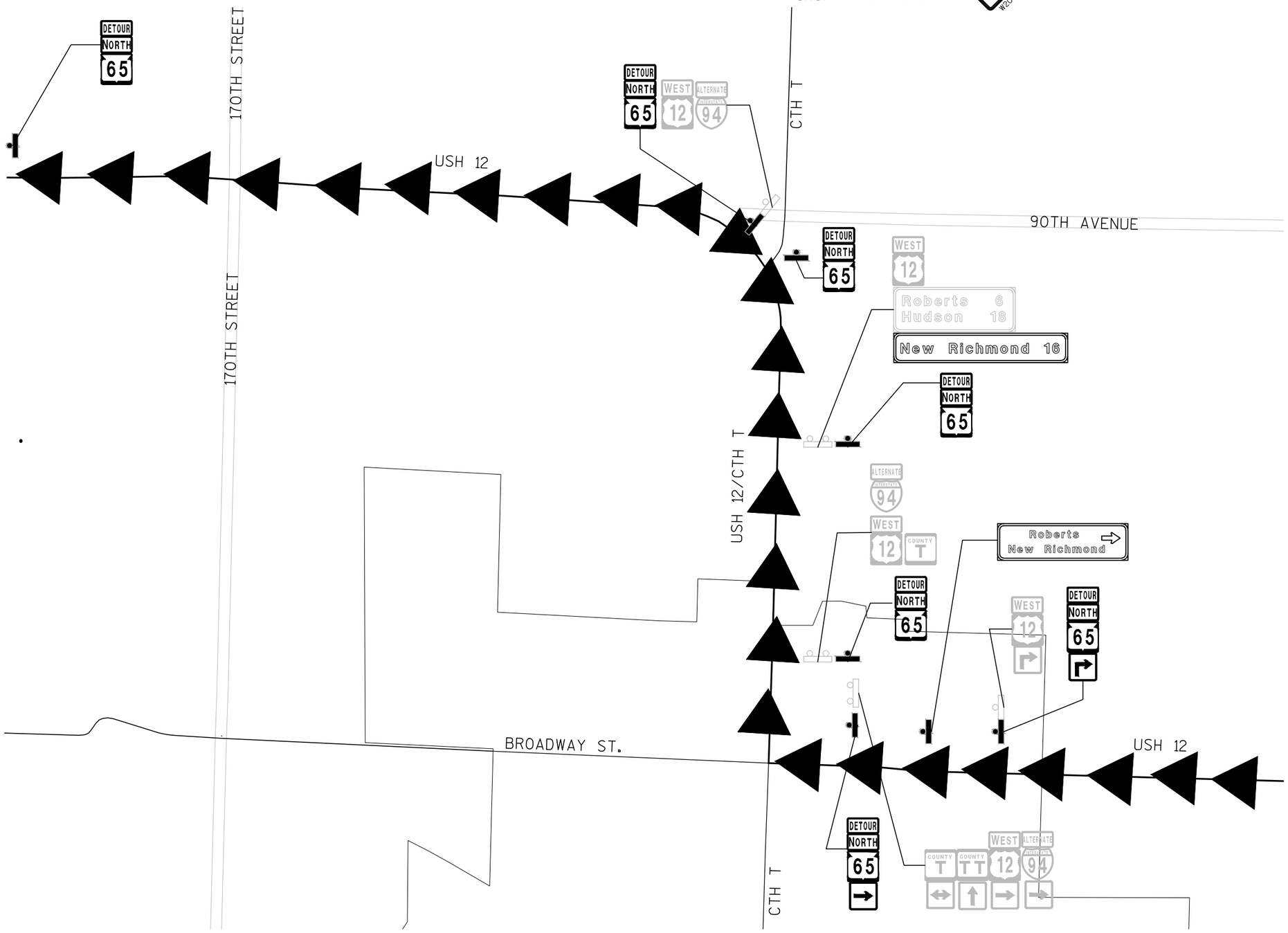
- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 4 OF 10	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT-2.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1IN:250FT
WISDOT/CADDS SHEET 42

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-4



LEGEND

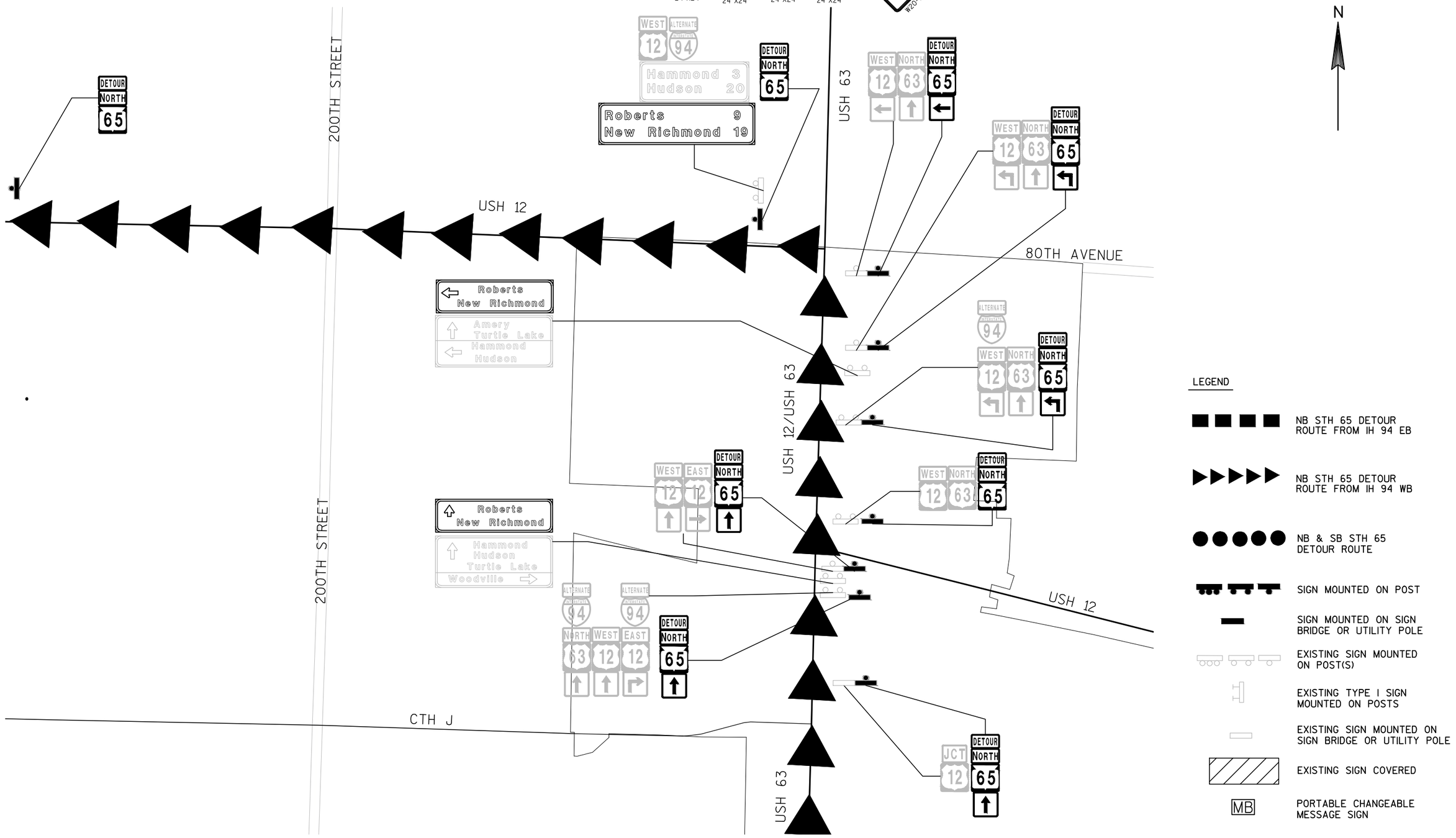
- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 5 OF 10	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : 1" = 1000'_XREF

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-A



LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 6 OF 10	SHEET	E

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY T M1-5A 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | 63 M1-4 24"X24" | DETOUR NEXT XX MILES G20-51 60"X24" | DETOUR AHEAD W20-2-A

60TH AVENUE

USH 63

220TH STREET

230TH STREET

DETOUR NEXT 12 MILES
G20-51

NORTH 63 ALTERNATE 94 DETOUR NORTH 65

NORTH 63 DETOUR NORTH 65

Roberts
New Richmond

Ellsworth
Baldwin
Amery

55TH AVENUE

IH 94

MB

DETOUR NORTH 65

NORTH 63 NORTH 63 ALTERNATE WEST 94 DETOUR NORTH 65

50TH AVENUE

EXIT 19
63
Baldwin
Ellsworth
1 MILE

Roberts
New Richmond

NORTH 65
DETOUR AHEAD W20-2-A

Amery
Exit 19

Roberts
New Richmond

EXIT 19
63
Baldwin
Ellsworth

Roberts
New Richmond

USH 63

47TH AVENUE

N

LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 7 OF 10	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1" = 1000'_XREF

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-4

2

2

N

107TH STREET

STH 65

WORK ZONE

EXIT 10
65
Roberts
New Richmond
1 MILE
NEXT EXIT 7 MILES

70TH AVE

DETOUR
WEST
INTERSTATE
94
NORTH
65

112TH STREET

70TH AVE

IH 94

Wisconsin Indianhead Technical College

EXIT 10
65
Roberts
New Richmond

Wisconsin Indianhead Technical College

60TH AVE.

STH 65

LEGEND

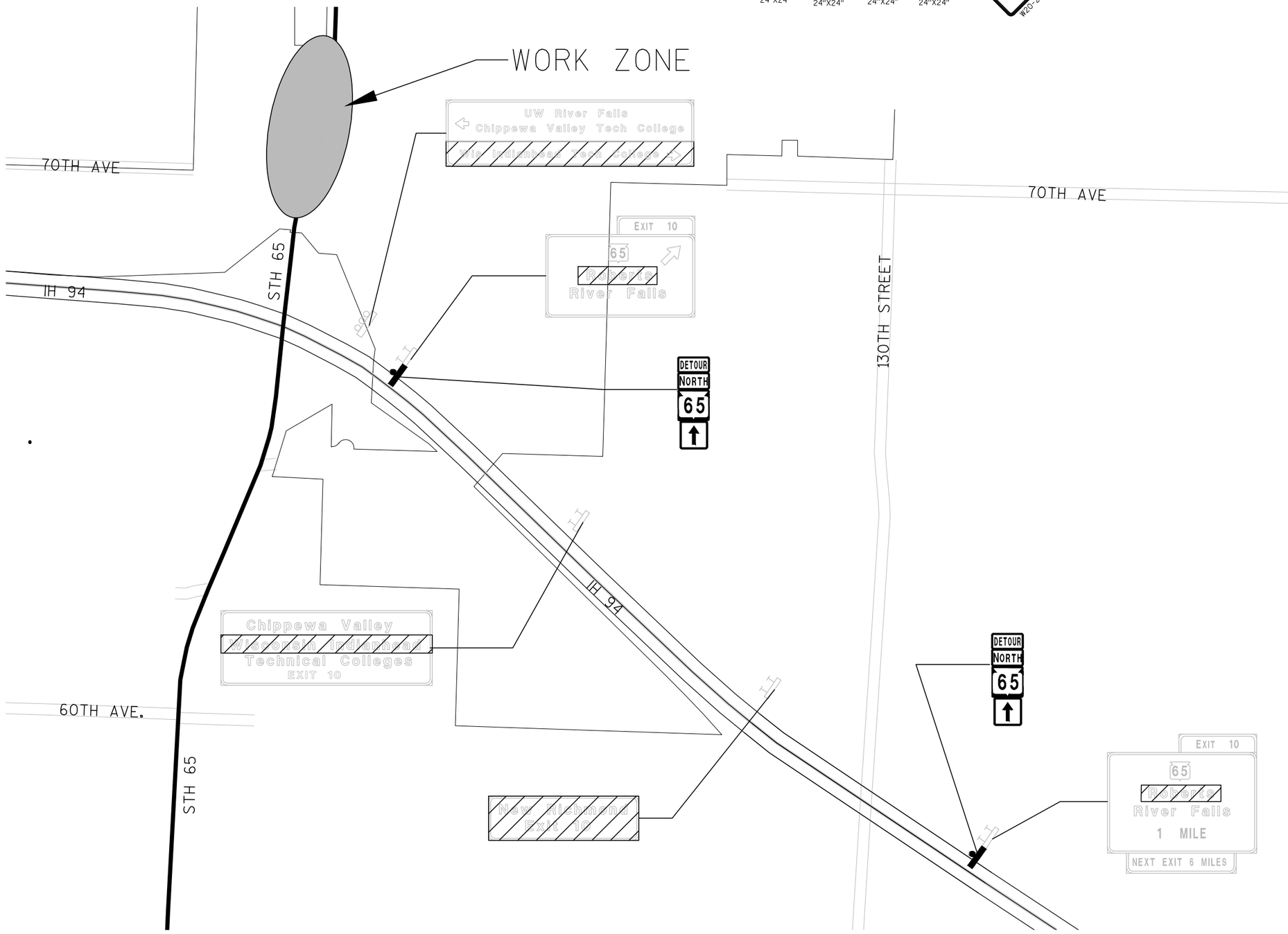
- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 8 OF 10	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1" = 1000'_XREF

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-A



N

LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB — PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 9 OF 10	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC CONTROL\027001-DT.DWG PLOT DATE : 5/31/2017 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1" = 1000'_XREF

SIGN LEGEND

M6-1 21"X21" | M5-1L 21"X21" | M5-1R 21"X21" | M6-4 21"X21" | M6-2 21"X21" | NORTH M3-1 24"X12" | EAST M3-2 24"X12" | SOUTH M3-3 24"X12" | WEST M3-4 24"X12" | END M4-6 24"X12" | DETOUR M4-8 24"X12" | END DETOUR M4-8A 24"X18" | JCT M2-1 21"X15" | ALTERNATE M4-1 24"X12" | 65 M1-6 24"X24" | COUNTY U M1-5A 24"X24" | INTERSTATE 94 M1-1 24"X24" | 12 M1-4 24"X24" | DETOUR AHEAD W20-2-A

N

COVER
65 NORTH Roberts New Richmond SOUTH 65
228" x 114"
EXISTING COVER

ALTERNATE 94 EAST
COVER

ALTERNATE 94 WEST
COVER

EXISTING SIGN COVERED
DETOUR NORTH 65
65 NORTH Roberts New Richmond
94 WEST Hudson
168" x 132"

65 SOUTH
94 WEST

DETOUR NORTH 65

65 SOUTH
94 WEST

DETOUR NORTH 65

94 WEST Hudson

DETOUR NORTH 65

DETOUR NORTH 65 TO WEST NORTH 94 65

65 NORTH Roberts New Richmond
COVER 144" x 120"

STH 65

END DETOUR
M4-8A

EXISTING SIGN COVERED
WEST 94 NORTH 65
Hudson Roberts
96" x 126"

65 NORTH Roberts 94 EAST Eau Claire
168" x 114"
COVER

NORTH 65
DETOUR AHEAD W20-2-A

DETOUR NORTH 65 65 NORTH 94 EAST

ALTERNATE 94 EAST
COVER

DETOUR NORTH 65

DETOUR NORTH 65
ALTERNATE 94 WEST
COVER

DETOUR NORTH 65
65 SOUTH 94 WEST
COVER

65 NORTH Roberts New Richmond
144" x 114"
COVER

ALTERNATE 94 EAST
COVER

NORTH 65
DETOUR AHEAD W20-2-A

IH 94

DETOUR NORTH 65
ALTERNATE 94 WEST
COVER

65 SOUTH River Falls
108" x 90"

LEGEND

- NB STH 65 DETOUR ROUTE FROM IH 94 EB
- NB STH 65 DETOUR ROUTE FROM IH 94 WB
- NB & SB STH 65 DETOUR ROUTE
- SIGN MOUNTED ON POST
- SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING TYPE I SIGN MOUNTED ON POSTS
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- EXISTING SIGN COVERED
- MB PORTABLE CHANGEABLE MESSAGE SIGN

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	TRAFFIC CONTROL DETOUR PLAN DETAIL SHEET 10 OF 10	SHEET	E

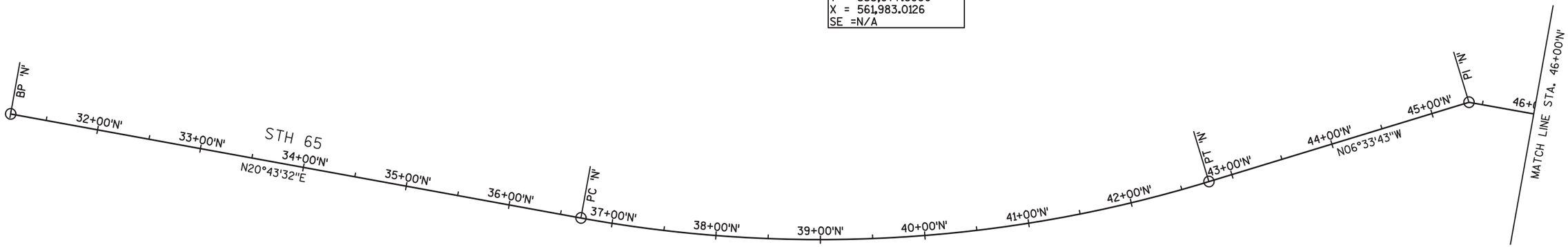
2

2

65NB
PI STA = 31+15.35 'N'
Y = 334,862.4100
X = 561,712.6400

65NB
PI STA = 39+79.29 'N'
Y = 335,670.4400
X = 562,018.3800
Δ = 27°17'15"
D = 4°29'37.63"
T = 309.49
L = 607.23
R = 1275.00
PC STA = 36+69.80 'N'
Y = 335,380.9823
X = 561,908.8559
PT STA = 42+77.03 'N'
Y = 335,977.8980
X = 561,983.0126
SE =N/A

65NB
PI STA = 45+36.95 'N'
Y = 336,236.1100
X = 561,953.3100



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ALIGNMENT DIAGRAM: STH 65	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - SHEET - (7)
PLOT DATE : 5/2/2017 12:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

65NB
PI STA = 47+65.56 'N'
Y = 336,450.1800
X = 562,033.5600

65NB
PI STA = 51+65.29 'N'
Y = 336,848.8600
X = 562,062.4500

65NB
PI STA = 53+83.91 'N'
Y = 337,038.3700
X = 562,171.4500

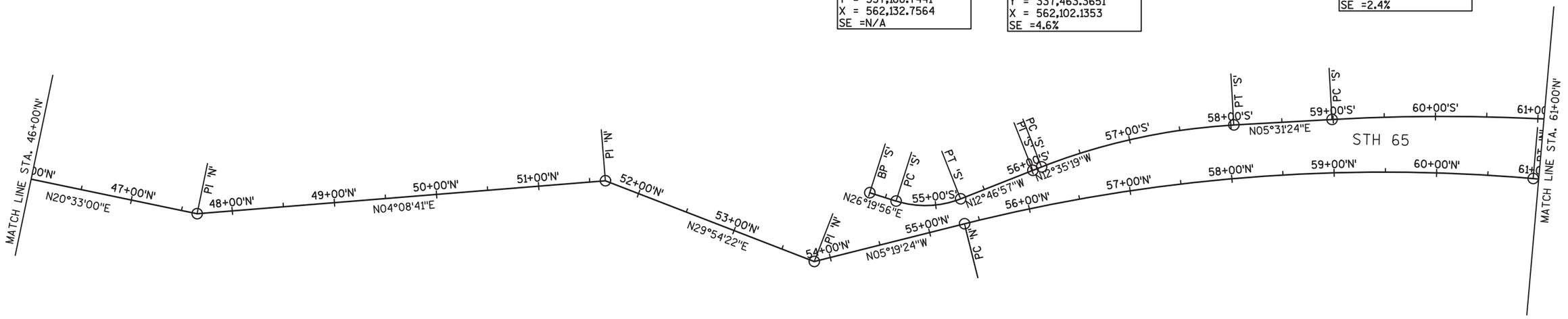
65SB
PI STA = 54+33.96 'S'
Y = 337,102.1189
X = 562,113.3886

65SB
PI STA = 56+00.85 'S'
Y = 337,262.6612
X = 562,115.9867

65SB
PI STA = 54+94.27 'S'
Y = 337,156.1785
X = 562,140.1445
Δ = 39°06'53"
D = 60°57'10.64"
T = 33.39
L = 64.17
R = 94.00
PC STA = 54+60.88 'S'
Y = 337,126.2504
X = 562,125.3321
PT STA = 55+25.05 'S'
Y = 337,188.7441
X = 562,132.7564
SE =N/A

65SB
PI STA = 57+07.34 'S'
Y = 337,366.5908
X = 562,092.7772
Δ = 18°06'43"
D = 9°23'33.90"
T = 97.23
L = 192.83
R = 610.00
PC STA = 56+10.11 'S'
Y = 337,271.7023
X = 562,113.9676
PT STA = 58+02.94 'S'
Y = 337,463.3651
X = 562,102.1353
SE =4.6%

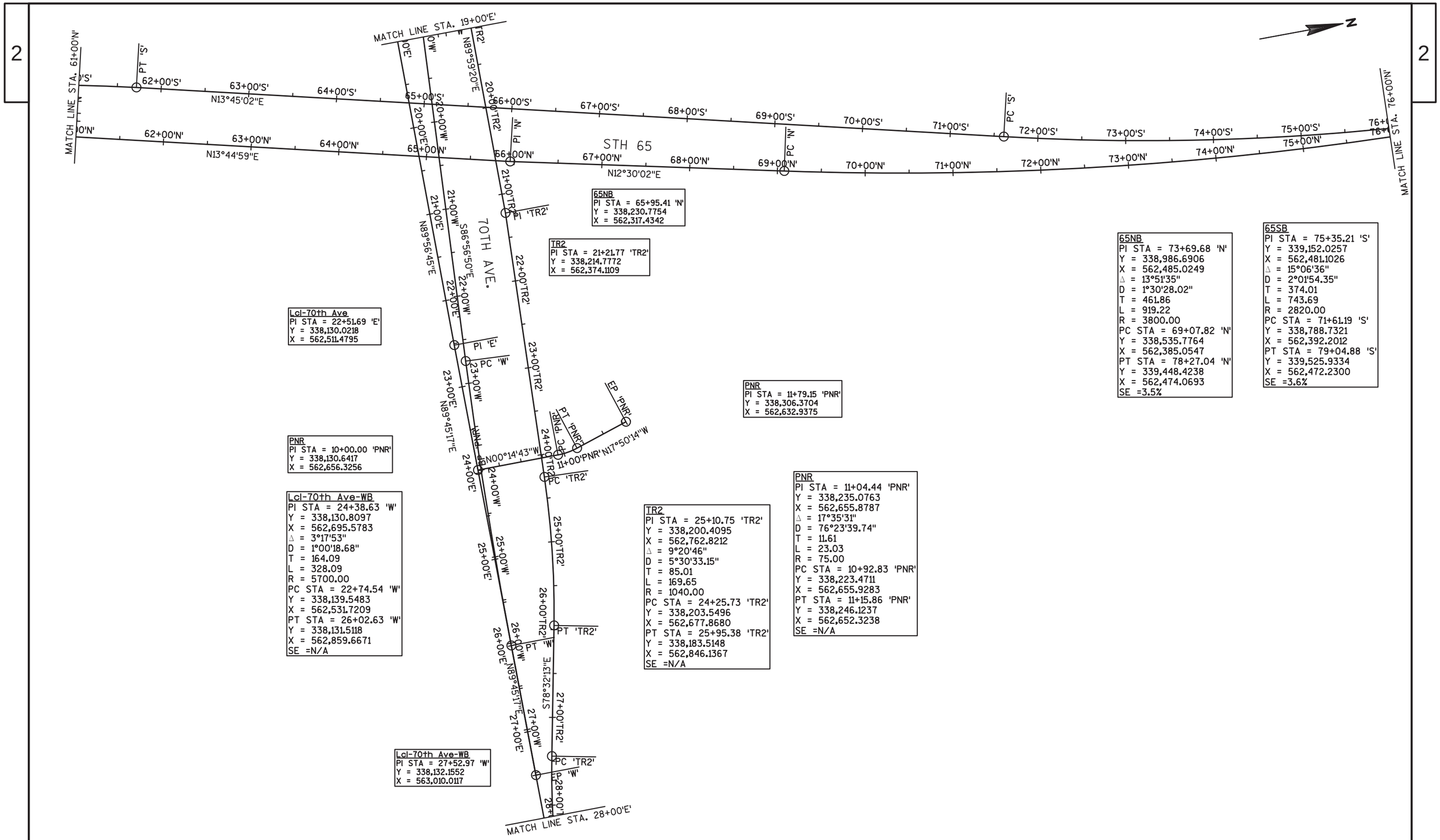
65SB
PI STA = 60+35.52 'S'
Y = 337,694.8647
X = 562,124.5214
Δ = 8°13'38"
D = 3°00'56.04"
T = 136.65
L = 272.83
R = 1900.00
PC STA = 58+98.87 'S'
Y = 337,558.8510
X = 562,111.3688
PT STA = 61+71.70 'S'
Y = 337,827.5965
X = 562,157.0021
SE =2.4%



65NB
PI STA = 58+17.28 'N'
Y = 337,469.8665
X = 562,131.2443
Δ = 19°04'23"
D = 3°24'37.11"
T = 282.25
L = 559.28
R = 1680.08
PC STA = 55+35.03 'N'
Y = 337,188.8342
X = 562,157.4301
PT STA = 60+94.30 'N'
Y = 337,744.0278
X = 562,198.3299
SE = 3.2%

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ALIGNMENT DIAGRAM: STH 65	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - SHEET - (8)
PLOT DATE : 5/2/2017 12:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



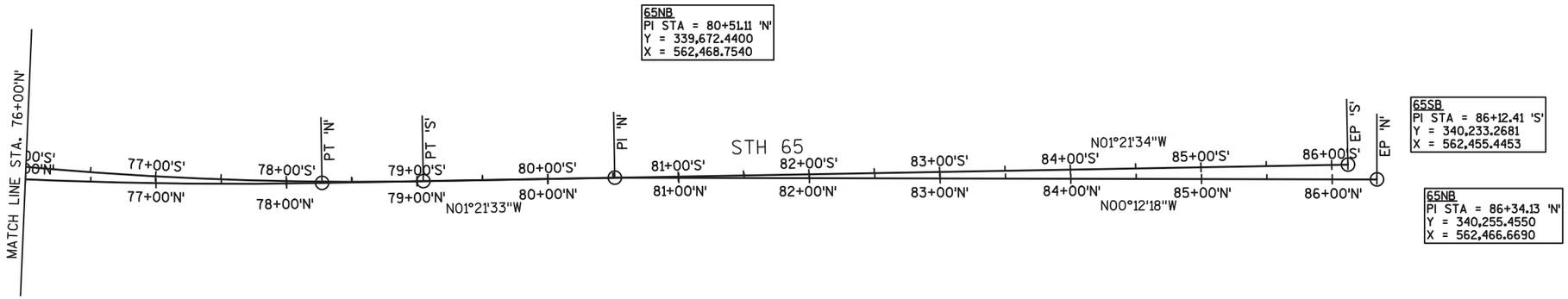
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ALIGNMENT DIAGRAM: STH 65	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - SHEET - (9)

PLOT DATE : 5/2/2017 12:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ALIGNMENT DIAGRAM: STH 65	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - SHEET - (10)
PLOT DATE : 5/2/2017 12:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

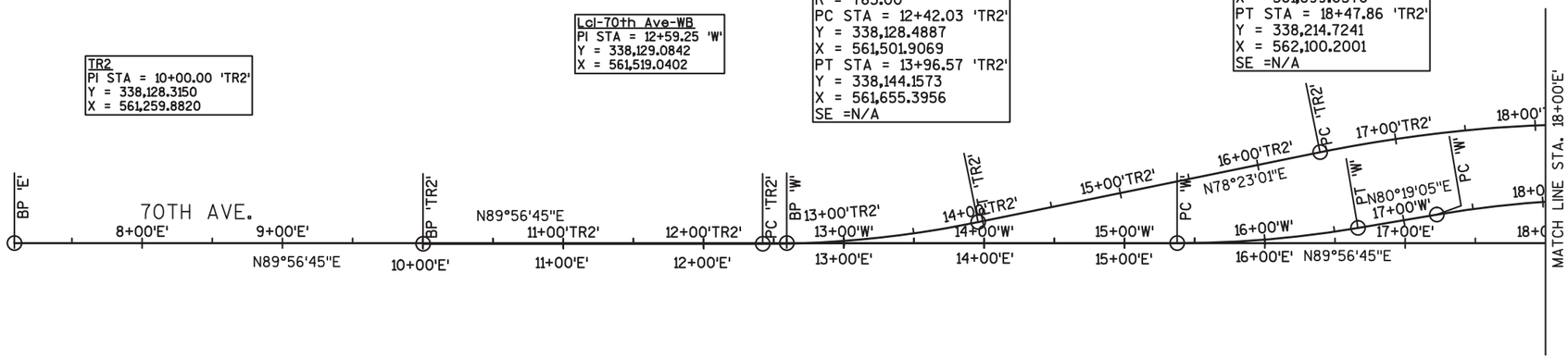
Lcl-70th Ave
PI STA = 7+09.00 'E'
Y = 338,128.5643
X = 560,968.7918

TR2
PI STA = 10+00.00 'TR2'
Y = 338,128.3150
X = 561,259.8820

Lcl-70th Ave-WB
PI STA = 12+59.25 'W'
Y = 338,129.0842
X = 561,519.0402

TR2
PI STA = 13+19.56 'TR2'
Y = 338,128.5444
X = 561,579.4453
Δ = 11°34'31"
D = 7°29'22.72"
T = 77.54
L = 154.55
R = 765.00
PC STA = 12+42.03 'TR2'
Y = 338,128.4887
X = 561,501.9069
PT STA = 13+96.57 'TR2'
Y = 338,144.1573
X = 561,655.3956
SE =N/A

TR2
PI STA = 17+46.93 'TR2'
Y = 338,214.7043
X = 561,998.5781
Δ = 11°36'19"
D = 5°43'46.48"
T = 101.62
L = 202.55
R = 1000.00
PC STA = 16+45.31 'TR2'
Y = 338,194.2421
X = 561,899.0376
PT STA = 18+47.86 'TR2'
Y = 338,214.7241
X = 562,100.2001
SE =N/A



Lcl-70th Ave-WB
PI STA = 16+02.33 'W'
Y = 338,129.4083
X = 561,862.1180
Δ = 9°37'40"
D = 7°26'27.64"
T = 64.85
L = 129.39
R = 770.00
PC STA = 15+37.48 'W'
Y = 338,129.3470
X = 561,797.2719
PT STA = 16+66.87 'W'
Y = 338,140.3139
X = 561,926.0406
SE =N/A

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ALIGNMENT DIAGRAM: STH 65	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - SHEET - (11)
PLOT DATE : 5/2/2017 12:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

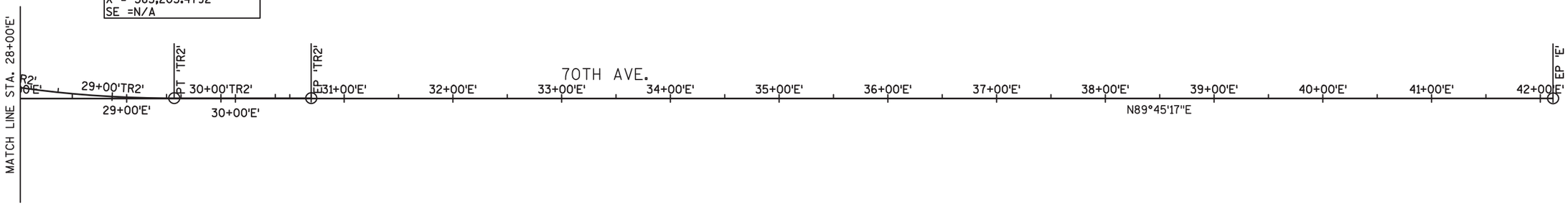
2

N

TR2
PI STA = 28+50.98 'TR2'
Y = 338,132.7189
X = 563,096.6357
△ = 11°43'53"
D = 5°30'33.15"
T = 106.84
L = 212.94
R = 1040.00
PC STA = 27+44.13 'TR2'
Y = 338,153.9526
X = 562,991.9221
PT STA = 29+57.07 'TR2'
Y = 338,133.2196
X = 563,203.4792
SE =N/A

TR2
PI STA = 30+83.10 'TR2'
Y = 338,133.8102
X = 563,329.5010

Lci-70th Ave
PI STA = 42+11.71 'E'
Y = 338,138.4093
X = 564,471.4836



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ALIGNMENT DIAGRAM: STH 65	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - SHEET - (12)
PLOT DATE : 5/2/2017 12:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

REMOVAL PLAN LEGEND

- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING STORM SEWER
- CLEARING & GRUBBING (STA.)
- CLEARING & GRUBBING (ID)
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT

N

EXISTING R/W

IH 94 ON-RAMP

REMOVE CONCRETE FROM EXISTING JOINT LINE

STA 56+75'S'
SAWCUT REQUIRED

STA 54+46'N'
SAWCUT REQUIRED

57+00'S'

58+00'S'

59+00'S'

SB STH 65

56+00'S'

55+00'S'

REMOVING CURB & GUTTER

REMOVING INLETS

57+00'N'

56+00'N'

55+00'N'

54+00'N'

58+00'N'

59+00'N'

NB STH 65

REMOVING CONCRETE SIDEWALK

STA 54+05'N'
SAWCUT REQUIRED

REMOVING CONCRETE SIDEWALK

STA 55+35'N'
BEGIN PROJECT
SAWCUT REQUIRED

HMA REMOVAL
INCIDENTAL TO
COMMON EXCAVATION
(TYP.)

MATCH LINE STA 60+00'N'

REMOVING FENCE

REMOVING R/W MARKER

SLOPE INTERCEPT (TYP.)

EXISTING R/W

R/W

CLEARING AND GRUBBING
STA. 59+00'N' - STA. 64+50'N'
(REMOVE ALL TREES WITHIN R/W)

NOTE:
SEE LIGHTING, SIGNING, & SIGNAL PLANS
FOR ADDITIONAL REMOVALS.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	REMOVAL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\023101-REM.DWG PLOT DATE : 5/31/2017 3:26 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

REMOVAL PLAN LEGEND

- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING STORM SEWER
- CLEARING & GRUBBING (STA.)
- CLEARING & GRUBBING (ID)
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT

2

MATCH LINE STA 18+50'E'

EXISTING R/W

R/W

70TH AVENUE

19+00'E'

20+00'E'

21+00'E'

CLEARING & GRUBBING (16" ID)

SLOPE INTERCEPT (TYP.)

HMA REMOVAL INCIDENTAL TO COMMON EXCAVATION (TYP.)

STA 60+24'S' SAWCUT REQ'D

STA 60+37'S' SAWCUT REQ'D

REMOVING INLET

REMOVING CURB & GUTTER

STA 20+45'E' REMOVE SMALL PIPE CULVERT

MATCH LINE STA 60+00'N'

MATCH LINE STA 66+00'N'

61+00'S' 62+00'S' 63+00'S' 64+00'S' 65+00'S' 66+00

STH 65

61+00'N' 62+00'N' 63+00'N' 64+00'N' 65+00'N'

REMOVING FENCE

REMOVING R/W MARKER

REMOVING R/W MARKER

REMOVING R/W MARKER

REMOVING FENCE

EXISTING R/W

EXISTING UTILITY EASEMENT

R/W

MATCH LINE STA 21+50'E'

CLEARING AND GRUBBING
STA. 59+00'N' - STA. 64+50'N'
(REMOVE ALL TREES WITHIN R/W)

NOTE:
SEE LIGHTING, SIGNING, & SIGNAL PLANS
FOR ADDITIONAL REMOVALS.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	REMOVAL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\023101-REM.DWG PLOT DATE : 5/31/2017 3:26 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

2

REMOVAL PLAN LEGEND

- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING STORM SEWER
- CLEARING & GRUBBING (STA.)
- CLEARING & GRUBBING (ID)
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT

N

R/W

SLOPE INTERCEPT (TYP.)

REMOVING R/W MARKER

HMA REMOVAL INCIDENTAL TO COMMON EXCAVATION (TYP.)

REMOVING R/W MARKER

REMOVING R/W MARKER

EXISTING R/W

MATCH LINE STA 66+00'N'

MATCH STA 72+00'N'

67+00'S' 68+00'S' 69+00'S' 70+00'S' 71+00'S' 72+0

67+00'N' 68+00'N' 69+00'N' 70+00'N' 71+00'N' 72+0

STH 65

PARK & RIDE

EXISTING R/W

REMOVING FENCE

NOTE:
SEE LIGHTING, SIGNING, & SIGNAL PLANS
FOR ADDITIONAL REMOVALS.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	REMOVAL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\023101-REM.DWG PLOT DATE : 5/31/2017 3:26 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

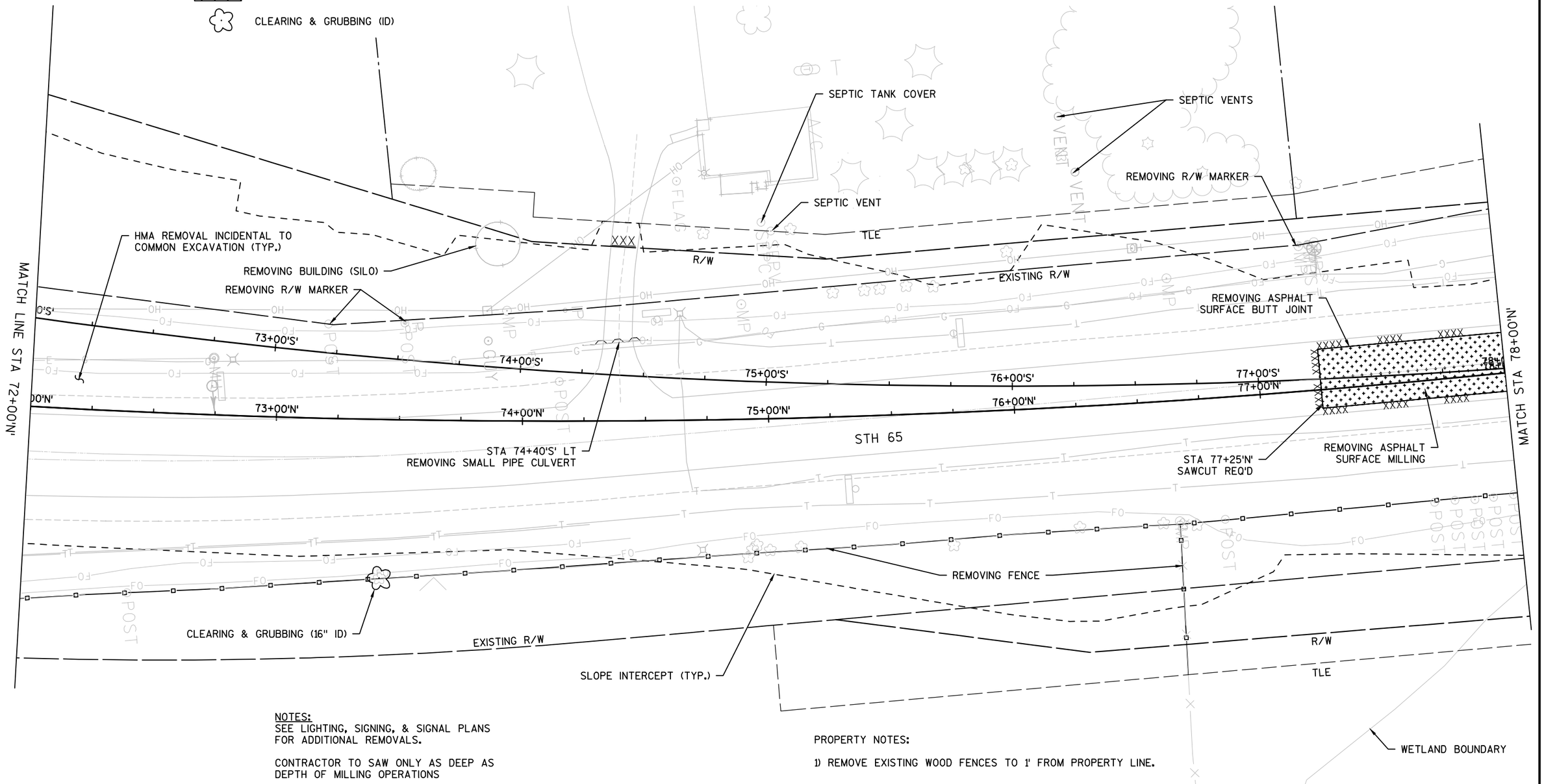
2

REMOVAL PLAN LEGEND

- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING STORM SEWER
- CLEARING & GRUBBING (STA.)
- CLEARING & GRUBBING (ID)
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT

PROPERTY NOTES:

1) DO NOT DISTURB EXISTING SEPTIC SYSTEM, TREES, LANDSCAPING AT EXISTING RESIDENTIAL PROPERTY.



NOTES:
SEE LIGHTING, SIGNING, & SIGNAL PLANS FOR ADDITIONAL REMOVALS.

CONTRACTOR TO SAW ONLY AS DEEP AS DEPTH OF MILLING OPERATIONS

PROPERTY NOTES:

1) REMOVE EXISTING WOOD FENCES TO 1' FROM PROPERTY LINE.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	REMOVAL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\023101-REM.DWG PLOT DATE : 5/31/2017 3:26 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

REMOVAL PLAN LEGEND

- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING STORM SEWER
- CLEARING & GRUBBING (STA.)
- CLEARING & GRUBBING (ID)
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT

N

TLE

SLOPE INTERCEPT (TYP.)

WETLAND BOUNDARY

EXISTING R/W

REMOVING APRON ENDWALLS

EXISTING PIPE TO REMAIN

MATCH LINE STA 78+00'N'

79+00'S'

80+00'S'

81+00'S'

82+00'S'

83+00'S'

83+00'N'

84+00'

STH 65

STA 82+70'N'
END PROJECT
SAWCUT REQUIRED
REMOVING ASPHALTIC
SURFACE BUTT JOINTS

REMOVING FENCE

EXISTING R/W

R/W

WETLAND BOUNDARY

REMOVING APRON ENDWALLS

TLE

NOTE:
SEE LIGHTING, SIGNING, & SIGNAL PLANS
FOR ADDITIONAL REMOVALS.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	REMOVAL PLAN	SHEET	E

NOTE:
SEE LIGHTING, SIGNING, & SIGNAL PLANS
FOR ADDITIONAL REMOVALS.

REMOVAL PLAN LEGEND

- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING STORM SEWER
- CLEARING & GRUBBING (STA.)
- CLEARING & GRUBBING (ID)
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT

UTILITY EASEMENT

TLE

SLOPE INTERCEPT (TYP.)

R/W

HMA REMOVAL INCIDENTAL TO COMMON EXCAVATION (TYP.)

EXISTING R/W

STA 16+60'E' RT
REMOVE SMALL PIPE CULVERT

13+00'E' 14+00'E' 15+00'E' 16+00'E' 17+00'E' 18+00'E'

70TH AVENUE

STA 15+38'E'
BEGIN CONSTRUCTION
SAWCUT REQUIRED

STA 17+47'E'
SAWCUT REQUIRED

EXISTING R/W

MATCH LINE STA 18+50'E'

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	REMOVAL PLAN	SHEET	E

2

PARK & RIDE

N

REMOVAL PLAN LEGEND

- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING STORM SEWER
- CLEARING & GRUBBING (STA.)
- CLEARING & GRUBBING (ID)
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT

STA 22+15'E' LT
REMOVE SMALL PIPE CULVERT (2 EA)

EXISTING R/W

R/W

TLE

REMOVE R/W MARKER

STA 24+90'E' LT
REMOVE SMALL PIPE CULVERT

EXISTING R/W

STA. 23+00'E'
REMOVE SMALL
PIPE CULVERT

REMOVE CURB & GUTTER

MATCH LINE STA 21+50'E'

22+00'E' 23+00'E' 24+00'E' 25+00'E' 26+00'E' 27+00'E'

70TH AVENUE

STA 26+50'E'
END CONSTRUCTION
SAWCUT REQUIRED

REESTABLISH SECTION
CORNER MONUMENT

REMOVE R/W MARKER

EXISTING R/W

TLE

SLOPE INTERCEPT (TYP.)

HMA REMOVAL INCIDENTAL TO
COMMON EXCAVATION (TYP.)

R/W

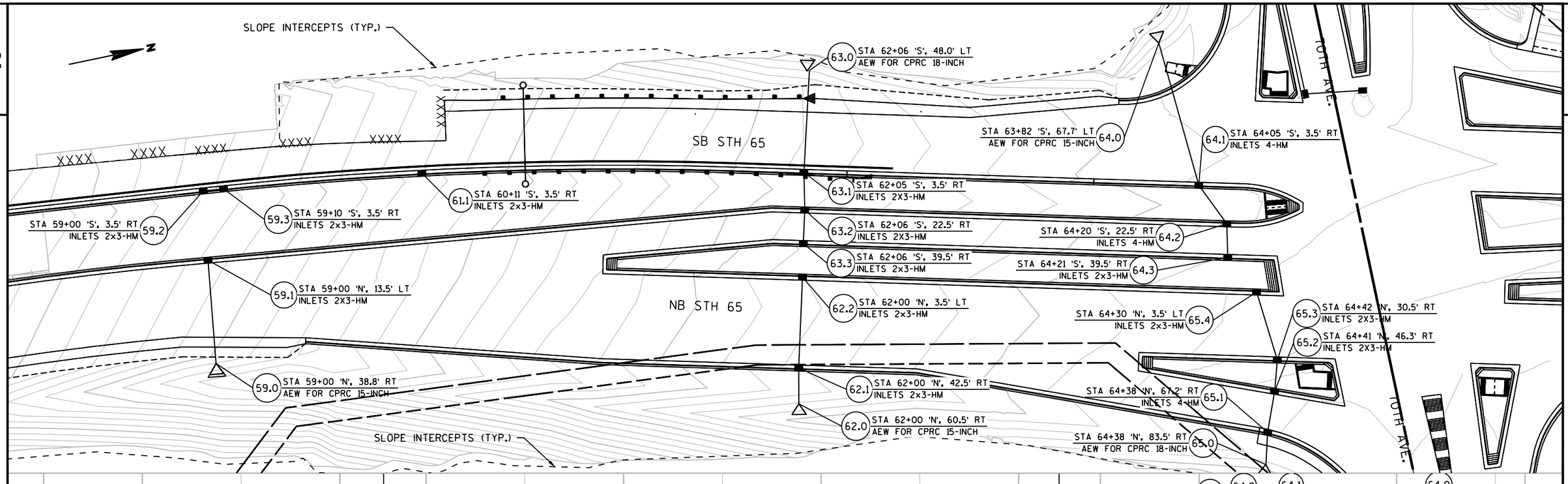
PROPERTY NOTES:

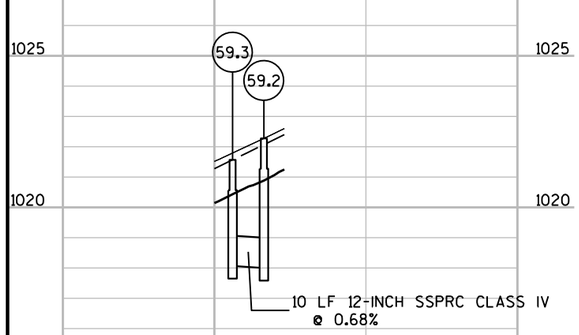
1) REMOVE EXISTING WOOD FENCES TO 1' FROM PROPERTY LINE.

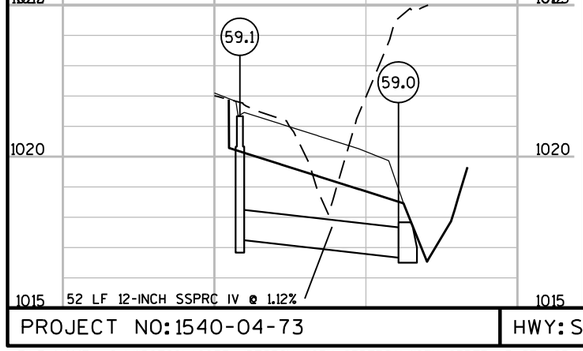
NOTE:
SEE LIGHTING, SIGNING, & SIGNAL PLANS
FOR ADDITIONAL REMOVALS.

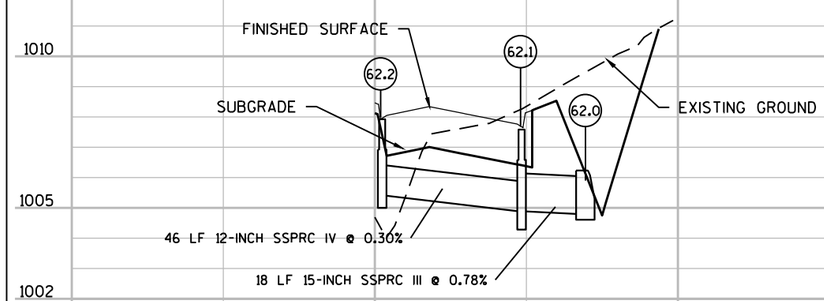
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	REMOVAL PLAN	SHEET	E

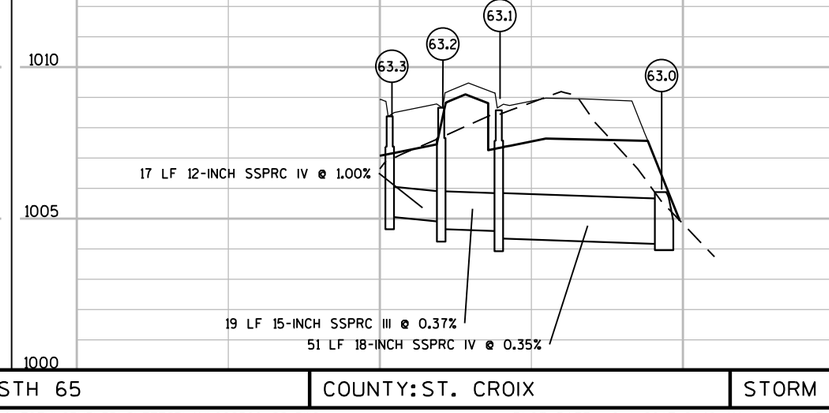
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN DETAILS\023101-REM.DWG PLOT DATE : 5/31/2017 3:27 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

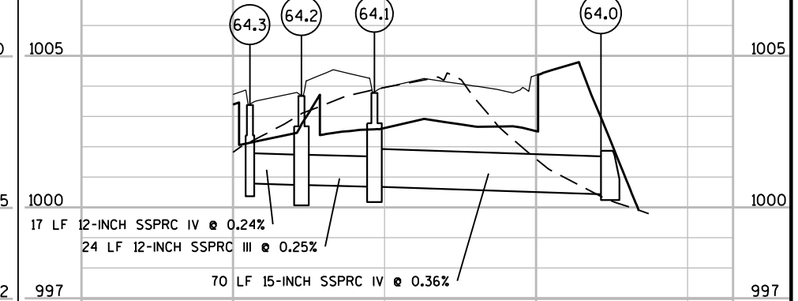


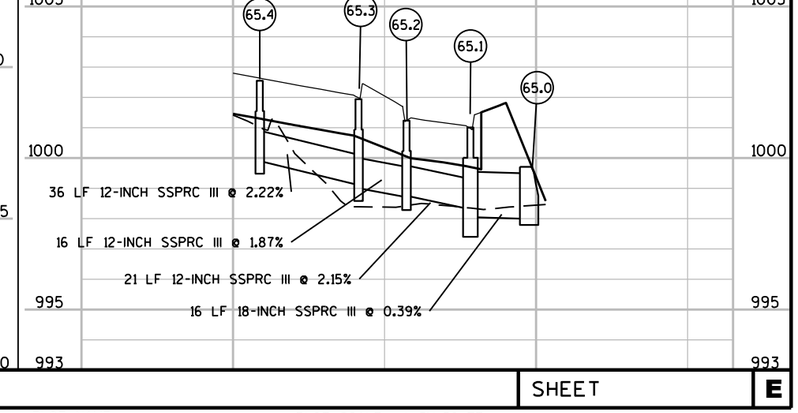






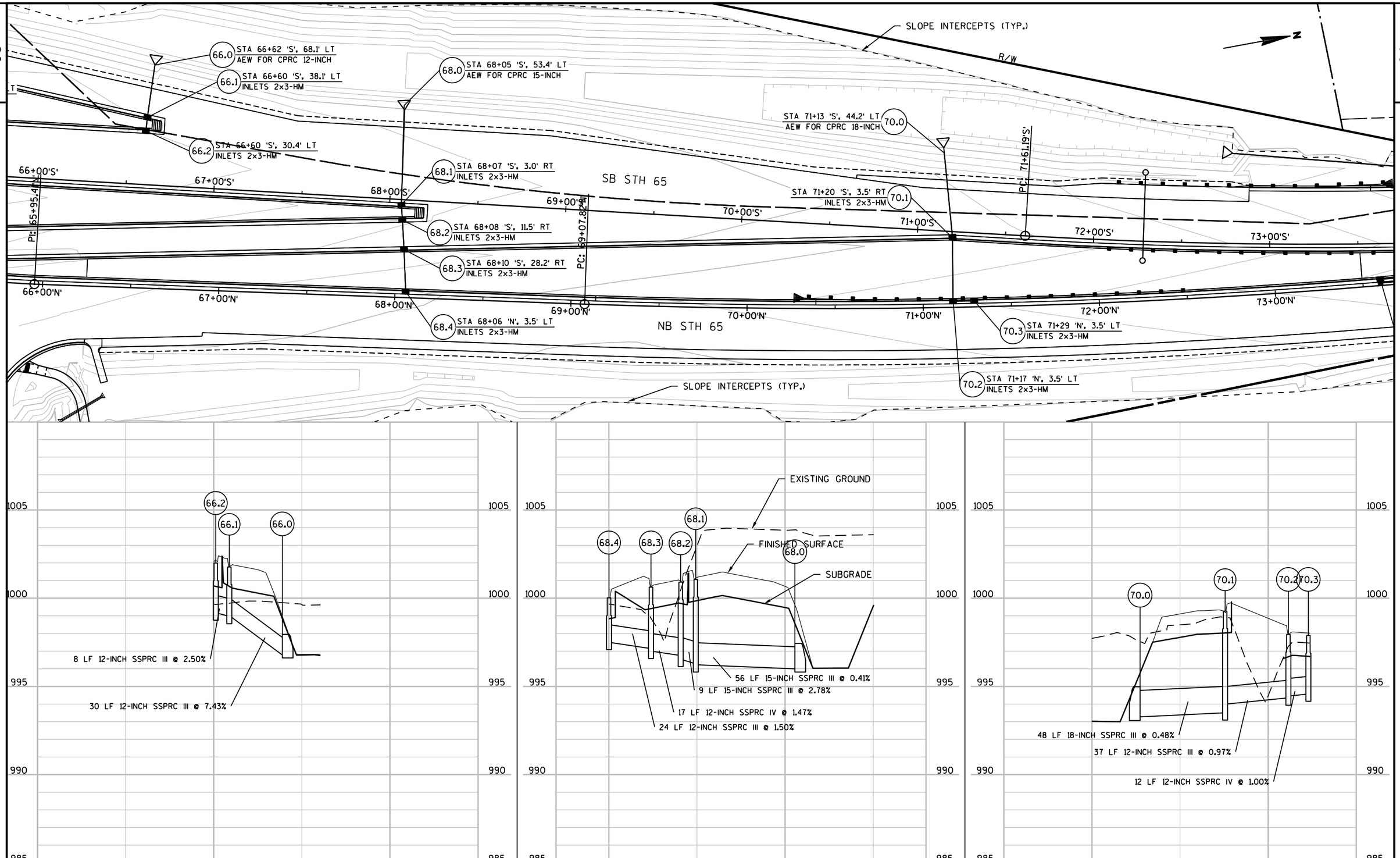






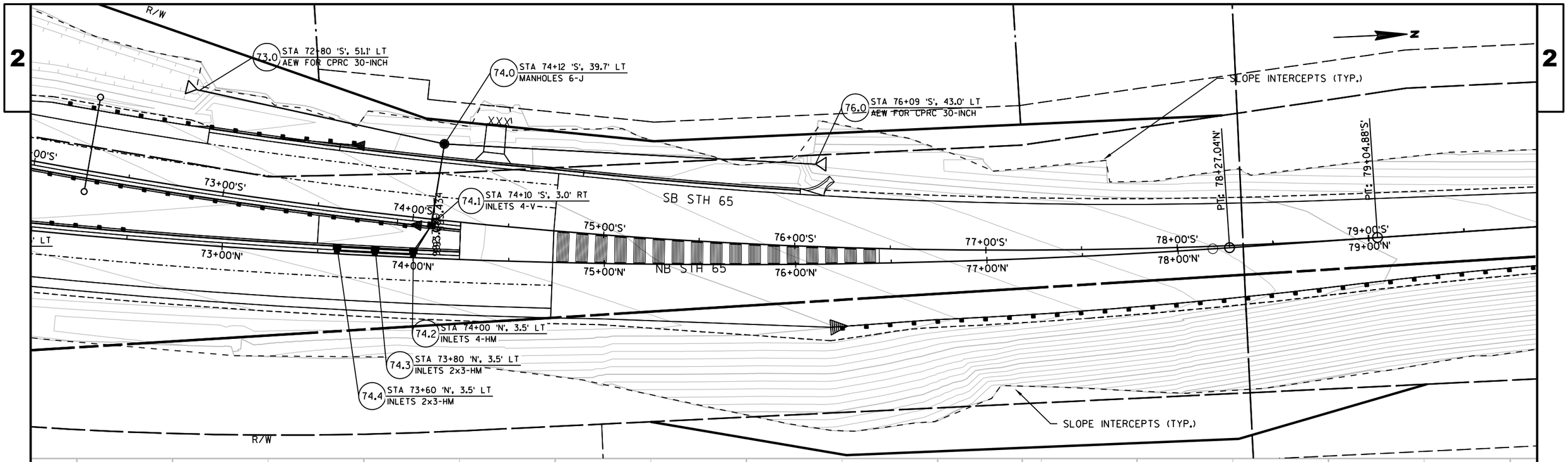
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	STORM SEWER	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\022500-SS.DWG
LAYOUT NAME - 0225 (04)
PLOT DATE : 6/1/2017 8:42 AM
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE : 1 IN:50 FT



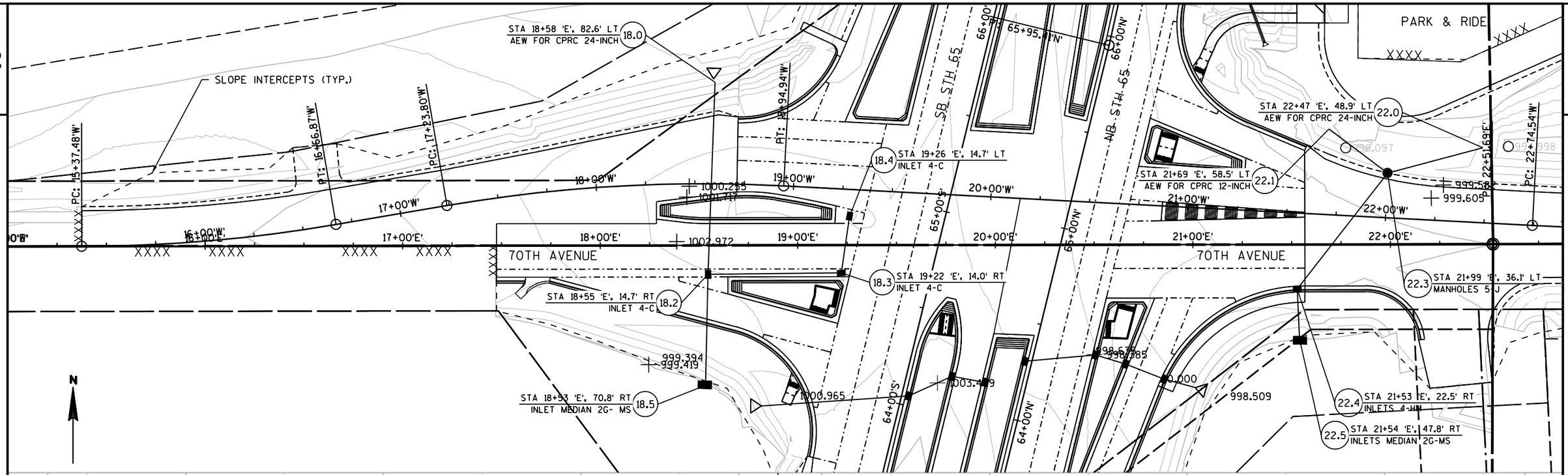
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	STORM SEWER	SHEET	E

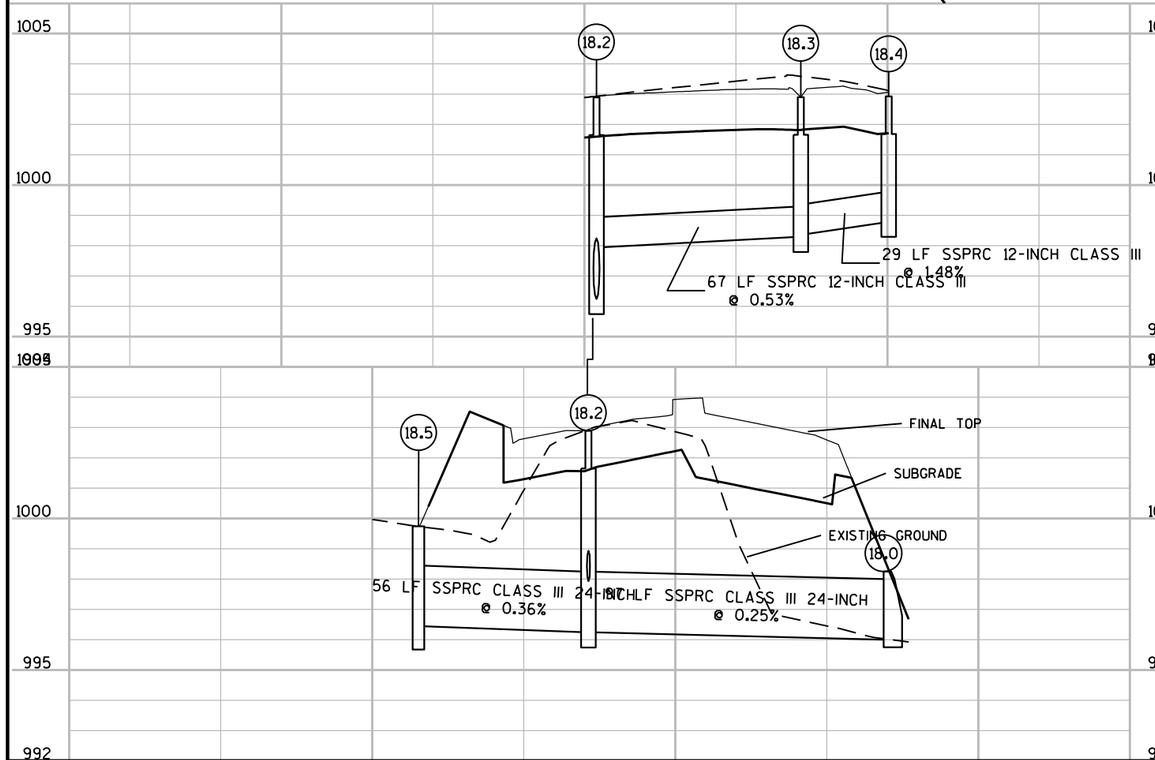
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\022500-SS.DWG
LAYOUT NAME - 0225 (05)
PLOT DATE : 6/1/2017 8:42 AM
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

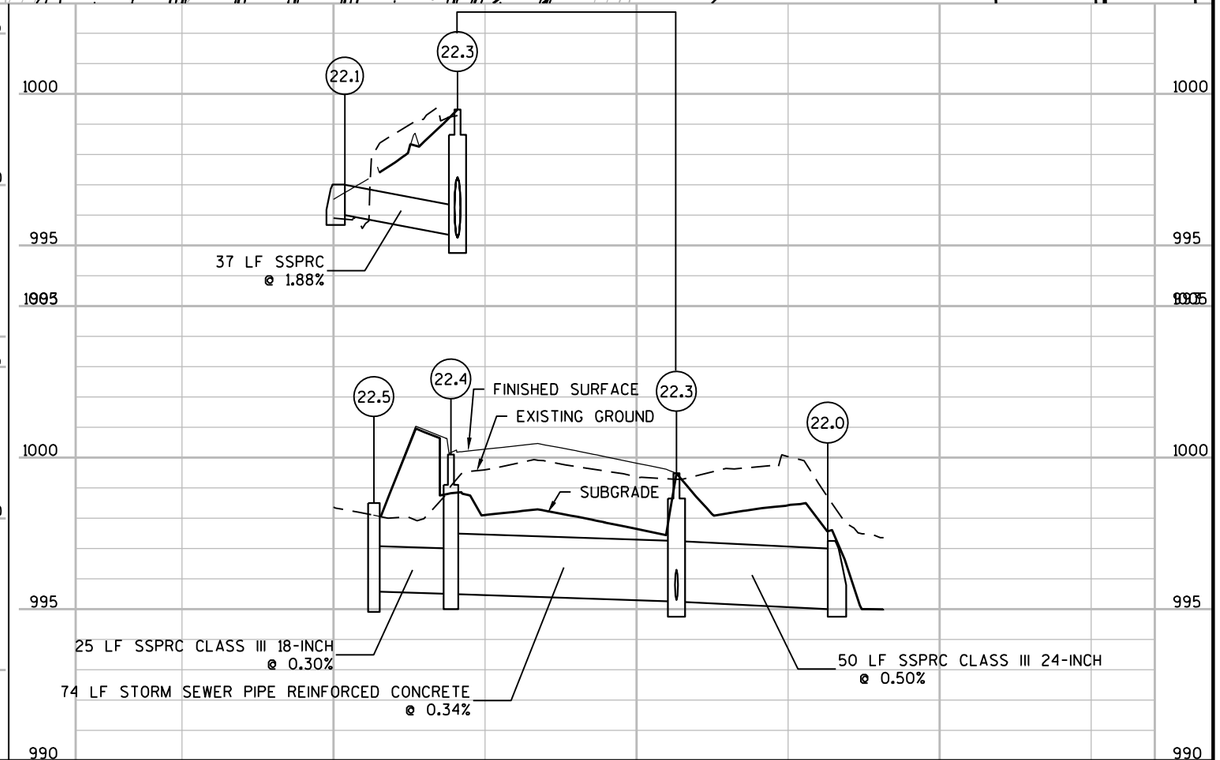


PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	STORM SEWER	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\022500-SS.DWG
LAYOUT NAME - 0225 (06)
PLOT DATE : 6/1/2017 8:42 AM
PLOT BY : KL ENGINEERING
PLOT NAME :
PLOT SCALE : 1 IN:50 FT







PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	STORM SEWER	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\022500-SS.DWG
LAYOUT NAME - 022501 (1)
PLOT DATE : 6/1/2017 8:42 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:50 FT

STORM SEWER STRUCTURES (SHEET 1 OF 2)

							APRON ENDWALL CULVERT PIPE REINFORCED CONCRETE					INLET & MANHOLE COVERS					INLETS			MANHOLE
							522.1012	522.1015	522.1018	522.1024	522.1030	611.0530	611.0612	611.0627	611.0642	611.0654	611.3004	611.3230	611.3902	611.2005
STR #	LOCATION	STATION	OFFSET*	RIM ELEV	INVERT ELEV	DEPTH ** FT	12-INCH EACH	15-INCH EACH	18-INCH EACH	24-INCH EACH	30-INCH EACH	TYPE J EACH	TYPE C EACH	TYPE HM EACH	TYPE MS EACH	TYPE V EACH	4-FT DIA EACH	2x3-FT EACH	MEDIAN 2-GRATE EACH	5-FT DIA EACH
59.0	65NB	59+00.0	38.8' RT	--	1016.66	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
59.1	65NB	59+00.0	13.5' LT	1019.94	1017.25	1.69	--	--	--	--	--	--	--	1	--	--	1	--	--	--
59.4♦	65SB	59+20.0	1.5' RT	1021.34	1018.34	3.00	--	--	--	--	--	--	--	1	--	--	--	1	--	--
59.5♦	65SB	59+10.0	1.5' RT	1021.83	1018.83	3.00	--	--	--	--	--	--	--	1	--	--	--	1	--	--
61.1♦	65SB	60+11.0	2.4' RT	1017.18	1014.18	3.00	--	--	--	--	--	--	--	1	--	--	--	1	--	--
62.0	65NB	62+00.0	60.5' RT	--	1005.94	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
62.1	65NB	62+00.0	42.5' RT	1007.69	1005.03	1.66	--	--	--	--	--	--	--	1	--	--	--	1	--	--
62.2	65NB	62+00.0	3.5' LT	1008.00	1005.41	1.59	--	--	--	--	--	--	--	1	--	--	--	1	--	--
63.0	65SB	62+06.0	48.0' LT	--	1004.16	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
63.1	65SB	62+05.0	3.5' RT	1009.03	1004.34	3.69	--	--	--	--	--	--	--	1	--	--	1	--	--	--
63.2	65SB	62+06.0	22.5' RT	1008.68	1004.65	3.03	--	--	--	--	--	--	--	1	--	--	1	--	--	--
63.3	65SB	62+06.0	39.5' RT	1008.37	1005.06	2.31	--	--	--	--	--	--	--	1	--	--	--	1	--	--
64.0	65SB	63+86.0	73.6' LT	--	1001.19	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
64.1	65NB	64+05.0	56.5' LT	1004.04	1000.11	2.93	--	--	--	--	--	--	--	1	--	--	1	--	--	--
64.2	65SB	64+20.0	22.5' RT	1003.45	1000.55	1.90	--	--	--	--	--	--	--	1	--	--	1	--	--	--
64.3	65SB	64+21.0	39.5' RT	1003.16	1000.75	1.41	--	--	--	--	--	--	--	1	--	--	--	1	--	--
65.0	65NB	64+38.0	83.5' RT	--	999.71	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
65.1	65NB	64+38.0	67.2' RT	1001.40	998.20	2.20	--	--	--	--	--	--	--	1	--	--	1	--	--	--
65.2	65NB	64+41.0	46.3' RT	1001.76	998.45	2.31	--	--	--	--	--	--	--	1	--	--	1	--	--	--
65.3	65NB	64+42.0	30.5' RT	1002.27	999.00	2.27	--	--	--	--	--	--	--	1	--	--	--	1	--	--
65.4	65NB	64+30.0	3.5' LT	1002.77	999.90	1.87	--	--	--	--	--	--	--	1	--	--	--	1	--	--
66.0	65SB	66+62.0	68.1' LT	--	997.95	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
66.1	65SB	66+60.0	38.1' LT	1001.74	998.97	1.77	--	--	--	--	--	--	--	1	--	--	--	1	--	--
66.2	65SB	66+60.0	30.4' LT	1002.20	999.17	2.03	--	--	--	--	--	--	--	1	--	--	--	1	--	--
68.0	65SB	68+05.0	50.7' LT	--	997.53	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
68.1	65SB	68+07.0	3.0' RT	1001.18	996.23	3.95	--	--	--	--	--	--	--	1	--	--	1	--	--	--
68.2	65SB	68+08.0	11.5' RT	1000.87	996.53	3.34	--	--	--	--	--	--	--	1	--	--	1	--	--	--
68.3	65SB	68+10.0	28.2' RT	1000.56	997.00	2.56	--	--	--	--	--	--	--	1	--	--	--	1	--	--
68.4	65NB	68+06.0	3.5' RT	999.92	997.50	1.42	--	--	--	--	--	--	--	1	--	--	--	1	--	--
70.0	65SB	71+12.0	47.1' LT	--	994.98	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
70.1	65SB	71+20.0	2.7' RT	999.35	993.50	4.85	--	--	--	--	--	--	--	1	--	--	--	1	--	--
70.2	65NB	71+17.0	3.5' LT	998.03	994.35	2.68	--	--	--	--	--	--	--	1	--	--	--	1	--	--
70.3	65NB	71+29.0	3.5' LT	997.95	994.57	2.38	--	--	--	--	--	--	--	1	--	--	--	1	--	--
73.0	65SB	72+80.0	51.1' LT	--	995.04	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
74.0	65SB	74+12.0	39.7' LT	997.58	990.32	5.76	--	--	--	--	--	1	--	--	--	--	--	--	--	1
76.0	65SB	76+09.0	48.0' LT	--	989.70	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
74.1	65SB	74+10.0	3.5' RT	996.50	991.93	3.57	--	--	--	--	--	--	--	--	--	1	1	--	--	--
74.2	65NB	74+00.0	1.5' LT	996.24	992.40	2.84	--	--	--	--	--	--	--	1	--	--	1	--	--	--
74.3	65NB	73+80.0	1.5' LT	996.40	992.70	2.70	--	--	--	--	--	--	--	1	--	--	1	--	--	--
74.4	65NB	73+60.0	1.5' LT	996.55	993.00	2.55	--	--	--	--	--	--	--	1	--	--	1	--	--	--
			SHEET TOTAL				1	3	4	--	2	1	--	28	--	1	13	16	--	1

* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

** DEPTH = RIM ELEV - CASTING THICKNESS - 6 -INCH ADJUSTMENT RING - INVERT ELEV.

♦ FIELD VERIFY DEPTH

3

STORM SEWER STRUCTURES CONTINUED (SHEET 2 OF 2)

							APRON ENDWALL CULVERT PIPE REINFORCED CONCRETE					INLET & MANHOLE COVERS					MANHOLE	INLETS		
							522.1012	522.1015	522.1018	522.1024	522.1030	611.0530	611.0612	611.0627	611.0642	611.0654	611.2005	611.3004	611.3230	611.3902
STR #	LOCATION	STATION	OFFSET*	RIM ELEV	INVERT ELEV	DEPTH ** FT	12-INCH EACH	15-INCH EACH	18-INCH EACH	24-INCH EACH	30-INCH EACH	TYPE C EACH	TYPE J EACH	TYPE HM EACH	TYPE MS EACH	TYPE V EACH	5-FT DIA EACH	4-FT DIA EACH	2x3-FT EACH	MEDIAN 2-GRATE EACH
18.0	70TH AVE	25+67.0	84.2' RT	--	998.25	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
18.2	70TH AVE	18+55.0	14.7' RT	1002.93	996.25	5.18	--	--	--	--	--	--	1	--	--	--	1	--	--	--
18.3	70TH AVE	19+22.0	14.0' RT	1003.16	998.29	3.87	--	--	--	--	--	1	--	--	--	--	--	1	--	--
18.4	70TH AVE	19+32.0	15.1' LT	1002.99	998.79	3.20	--	--	--	--	--	1	--	--	--	--	--	1	--	--
18.5	70TH AVE	18+53.0	70.8' RT	999.75	996.45	3.30	--	--	--	--	--	--	--	--	2	--	--	--	--	1
22.0	70TH AVE	22+50.0	61.6' LT	--	997.25	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
22.1	70TH AVE	21+69.0	58.5' LT	--	996.00	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
22.3	70TH AVE	21+99.0	36.1' LT	999.44	995.25	3.19	--	--	--	--	--	--	1	--	--	--	1	--	--	--
22.4	70TH AVE	21+53.0	22.5' RT	1000.10	995.50	3.60	--	--	--	--	--	--	--	1	--	--	--	1	--	--
22.5	70TH AVE	21+54.0	47.8' RT	998.50	995.58	1.92	--	--	--	--	--	--	--	--	2	--	--	--	--	1
TOTALS					SHEET	TOTAL	1	--	--	2	--	2	2	1	4	--	2	3	--	2
					PREVIOUS	SHEET	1	3	4	--	2	--	1	28	--	1	1	13	16	--
					PROJECT	TOTAL	2	3	4	2	2	2	3	29	4	1	3	16	16	2

* STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

** DEPTH = RIM ELEV - CASTING THICKNESS - 6 -INCH ADJUSTMENT RING - INVERT ELEV.

♦ FIELD VERIFY DEPTH

3

STORM SEWER PIPES

FROM	- TO	LOCATION	INLET	OUTLET	SLOPE FT/FT	608.0230 REINF. CONC CLASS II 30-INCH LF	608.0312 REINF. CONCRETE CLASS III 12-INCH LF	608.0315 REINF. CONCRETE CLASS III 15-INCH LF	608.0318 REINF. CONCRETE CLASS III 18-INCH LF	608.0324 REINF. CONCRETE CLASS III 24-INCH LF	*JOINT TIES EACH
18.2	- 18.0	70TH WEST	996.25	996.00	0.0025	--	--	--	--	99	3
18.3	- 18.2	70TH WEST	998.29	997.94	0.0052	--	67	--	--	--	--
18.3	- 18.4	70TH WEST	998.79	998.36	0.0139	--	31	--	--	--	--
18.5	- 18.2	70TH WEST	996.45	996.25	0.0036	--	--	--	--	59	3
22.1	- 22.3	70TH EAST	996.00	995.30	0.0189	--	37	--	--	--	--
22.3	- 22.0	70TH EAST	995.25	995.00	0.0043	--	--	--	--	58	3
22.4	- 22.3	70TH EAST	995.50	995.25	0.0034	--	--	--	--	74	--
22.5	- 22.4	70TH EAST	995.58	995.50	0.0030	--	--	--	25	--	--
59.1	- 59.0	STH 65	1017.25	1016.67	0.0112	--	--	52	--	--	3
62.1	- 62.0	STH 65	1005.03	1004.50	0.0294	--	--	18	--	--	3
62.2	- 62.1	STH 65	1005.41	1005.27	0.0030	--	46	--	--	--	--
63.1	- 63.0	STH 65	1004.34	1004.16	0.0035	--	--	--	51	--	3
63.2	- 63.1	STH 65	1004.65	1004.58	0.0037	--	--	19	--	--	--
63.3	- 63.2	STH 65	1005.06	1004.89	0.0100	--	17	--	--	--	--
64.1	- 64.0	STH 65	1000.11	999.75	0.0046	--	--	79	--	--	3
64.2	- 64.1	STH 65	1000.60	1000.35	0.0104	--	24	--	--	--	--
64.3	- 64.2	STH 65	1000.75	1000.55	0.0118	--	17	--	--	--	--
65.1	- 65.0	STH 65	998.20	998.00	0.0125	--	--	--	16	--	3
65.2	- 65.1	STH 65	998.45	998.30	0.0071	--	--	21	--	--	--
65.3	- 65.2	STH 65	999.00	998.70	0.0187	--	16	--	--	--	--
65.4	- 65.3	STH 65	999.90	999.10	0.0222	--	36	--	--	--	--
66.1	- 66.0	STH 65	999.01	996.78	0.0743	--	30	--	--	--	3
66.2	- 66.1	STH 65	999.17	998.97	0.0250	--	8	--	--	--	--
68.1	- 68.0	STH 65	996.23	996.09	0.0026	--	--	54	--	--	3
68.2	- 68.1	STH 65	996.53	996.28	0.0278	--	--	9	--	--	--
68.3	- 68.2	STH 65	997.00	996.75	0.0147	--	17	--	--	--	--
68.4	- 68.3	STH 65	997.50	997.14	0.0150	--	24	--	--	--	--
70.1	- 70.0	STH 65	993.50	993.27	0.0046	--	--	--	50	--	3
70.2	- 70.1	STH 65	994.35	993.99	0.0097	--	37	--	--	--	--
70.3	- 70.2	STH 65	994.57	994.45	0.0100	--	12	--	--	--	--
73.0	- 74.0	STH 65	992.25	990.32	0.0147	131	--	--	--	--	3
74.0	- 76.0	STH 65	990.35	989.70	0.0034	194	--	--	--	--	3
74.1	- 74.0	STH 65	991.93	991.46	0.0109	--	--	43	--	--	--
74.2	- 74.1	STH 65	992.40	992.18	0.0122	--	18	--	--	--	--
74.3	- 74.2	STH 65	992.70	992.50	0.0100	--	20	--	--	--	--
74.4	- 74.3	STH 65	993.00	992.80	0.0100	--	20	--	--	--	--
		TOTALS				325	437	295	142	191	36

* NON-BID ITEM: FOR INFORMATION ONLY

3

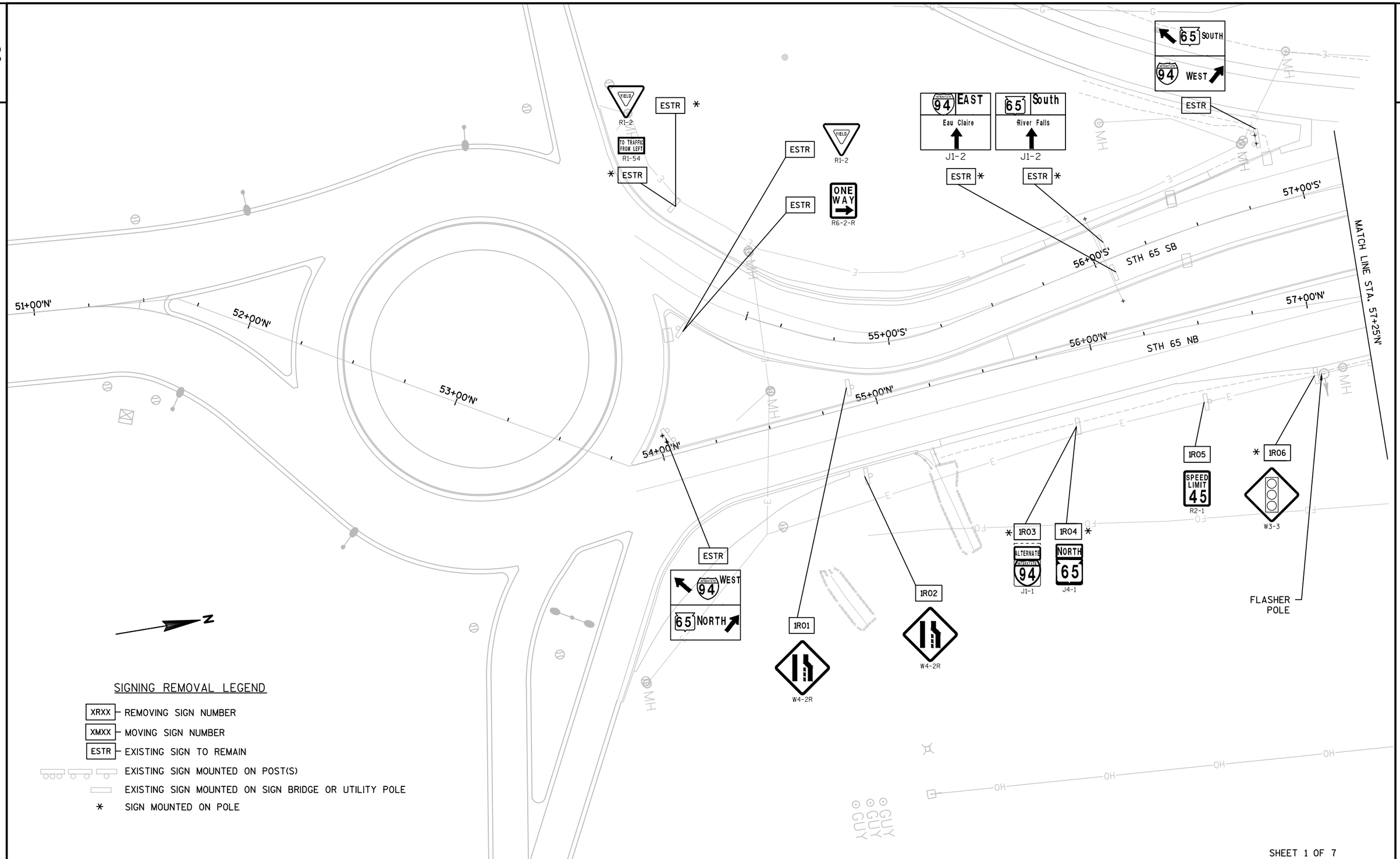
CULVERT PIPE SCHEDULE

				520.2012 TEMPORARY	520.2018 TEMPORARY	521.0112 CORRUGATED STEEL	521.0130 CORRUGATED STEEL	522.0118 REINF. CONC. CLASS III	523.0119 REINF. CONC. CLASS III HORIZ ELLIP	521.1012 APRON ENDWALLS FOR CP	521.1030 APRON ENDWALLS FOR CP	522.1018 APRON ENDWALLS REINF CONC.	523.0519 APRON ENDWALLS REINF CONC. HE	*JOINT TIES	STEEL
		**ELEVATIONS		12-INCH	18-INCH	12-INCH	30-INCH	18-INCH	19X30-INCH	12-INCH	30-INCH	18-INCH	19X30-INCH	EACH	THICKNESS
STA	LOCATION	INLET	OUTLET	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	3	INCHES
20+50	PNR	994.52	994.36	--	--	--	--	--	57	--	--	--	2	6	--
20+55	PNR	994.47	994.29	--	--	--	--	--	56	--	--	--	2	6	--
22+97	70TH	997.25	995.50	--	--	--	--	58	--	--	--	2	--	6	0.064
66+00	65 NB RT	996.08	996.04	--	--	10	--	--	--	2	2	--	--	--	0.064
21+73	70TH	995.98	995.30	--	--	8	--	--	--	1	1	--	--	--	0.064
80+67	65 NB LT	973.00	973.02	--	--	--	6	--	--	--	--	--	--	--	0.064
80+67	65 NB RT	971.15	971.13	--	--	--	8	--	--	--	--	--	--	--	0.064
17+00	'T' RT, PE	998.60	998.50	52	--	--	--	--	--	--	--	--	--	--	--
18+00	'T'	996.28	995.75	--	77	--	--	--	--	--	--	--	--	--	--
21+50	'T'	995.00	995.00	--	73	--	--	--	--	--	--	--	--	--	--
22+25	'T' RT, PE	995.75	994.84	--	69	--	--	--	--	--	--	--	--	--	--
24+00	'T' LT, PE	996.20	996.00	46	--	--	--	--	--	--	--	--	--	--	--
25+88	'T'	995.00	993.80	--	90	--	--	--	--	--	--	--	--	--	--
TOTAL				98	309	18	14	58	113	3	3	2	4	18	

* NON-BID ITEM: FOR INFORMATION ONLY

** FIELD VERIFY

2



SIGNING REMOVAL LEGEND

- XRXX — REMOVING SIGN NUMBER
- XMXX — MOVING SIGN NUMBER
- ESTR — EXISTING SIGN TO REMAIN
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- * SIGN MOUNTED ON POLE

SHEET 1 OF 7

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	SIGNING REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS (REMOVALS).DWG PLOT DATE : 5/1/2017 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

W3-2
2R09
R4-7
2R06
2R03
2R04
2R05
W2-6
ROUNDABOUT AHEAD
W2-6P
15 M.P.H.
W13-1
INTERSTATE 94 WEST
Hudson
J1-2
2R07
58+00'S'
59+00'S'
60+00'S'
61+00'S'
62+00'S'
63+00'
STH 65
MATCH LINE STA. 57+25'N'
58+00'N'
59+00'N'
60+00'N'
61+00'N'
62+00'N'
63+
MATCH LINE STA. 57+00'N'
2R01
2R02
DO NOT ENTER
R5-1
ONLY ONLY ONLY
R3-8-W
2R08
W6-2
PROPOSED R/W (TYP.)

SIGNING REMOVAL LEGEND

- XRXX — REMOVING SIGN NUMBER
- XMXX — MOVING SIGN NUMBER
- ESTR — EXISTING SIGN TO REMAIN
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- * SIGN MOUNTED ON POLE

N

SHEET 2 OF 7

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	SIGNING REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS (REMOVALS).DWG PLOT DATE : 5/1/2017 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCH LINE STA. 18+50'E'

PROPOSED R/W (TYP.)

70TH AVENUE

19+00'E'

19+00'W'

N

SIGNING REMOVAL LEGEND

- XRXX — REMOVING SIGN NUMBER
- XMXX — MOVING SIGN NUMBER
- ESTR — EXISTING SIGN TO REMAIN
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- * SIGN MOUNTED ON POLE

JCT 94 EASTBOUND
J1-1
3R03

3R04 STH 65
3R05 70TH AVE

REMOVE BY OTHERS
LAND FOR SALE

W6-2
3R07

64+00'S' 65+00'S' 66+00'S' 67+00'S' 68+00'S' 69+00

STH 65

20+00'E' 20+00'W'

MATCH LINE STA. 63+00'N'

64+00'N' 65+00'N' 66+00'N' 67+00'N' 68+00'N' 69+00'N'

MATCH LINE STA. 69+00'N'

STH 65

EXIST R/W (TYP.)

PARK & RIDE
D4-5-R
3R01

SPEED LIMIT 45
R2-1
3R02

21+00'E' 21+00'W'

3R06
W6-3

NO PARKING ANY TIME
R7-1-D
ESTR

70TH AVENUE

PROPOSED R/W (TYP.)

MATCH LINE STA. 21+50'E'

PARK & RIDE

SHEET 3 OF 7

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	SIGNING REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS (REMOVALS).DWG PLOT DATE : 5/1/2017 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

PROPOSED R/W (TYP.)

REMOVE BY OTHERS

WARREN TWP 722
WARNING

TLE

ONLY | ONLY | ONLY
R3-8-W

4R01

FLASHER
POLE

W3-3

4R03 *

MATCH LINE STA. 69+00'N'

MATCH LINE STA. 75+00'N'

70+00'S'

71+00'S'

72+00'S'

73+00'S'

74+00'S'

70+00'N'

71+00'N'

72+00'N'

73+00'N'

74+00'N'

4R02

NO
ENGINEERING
BRAKING
EXCEPT IN
EMERGENCY
R10-64

SIGNING REMOVAL LEGEND

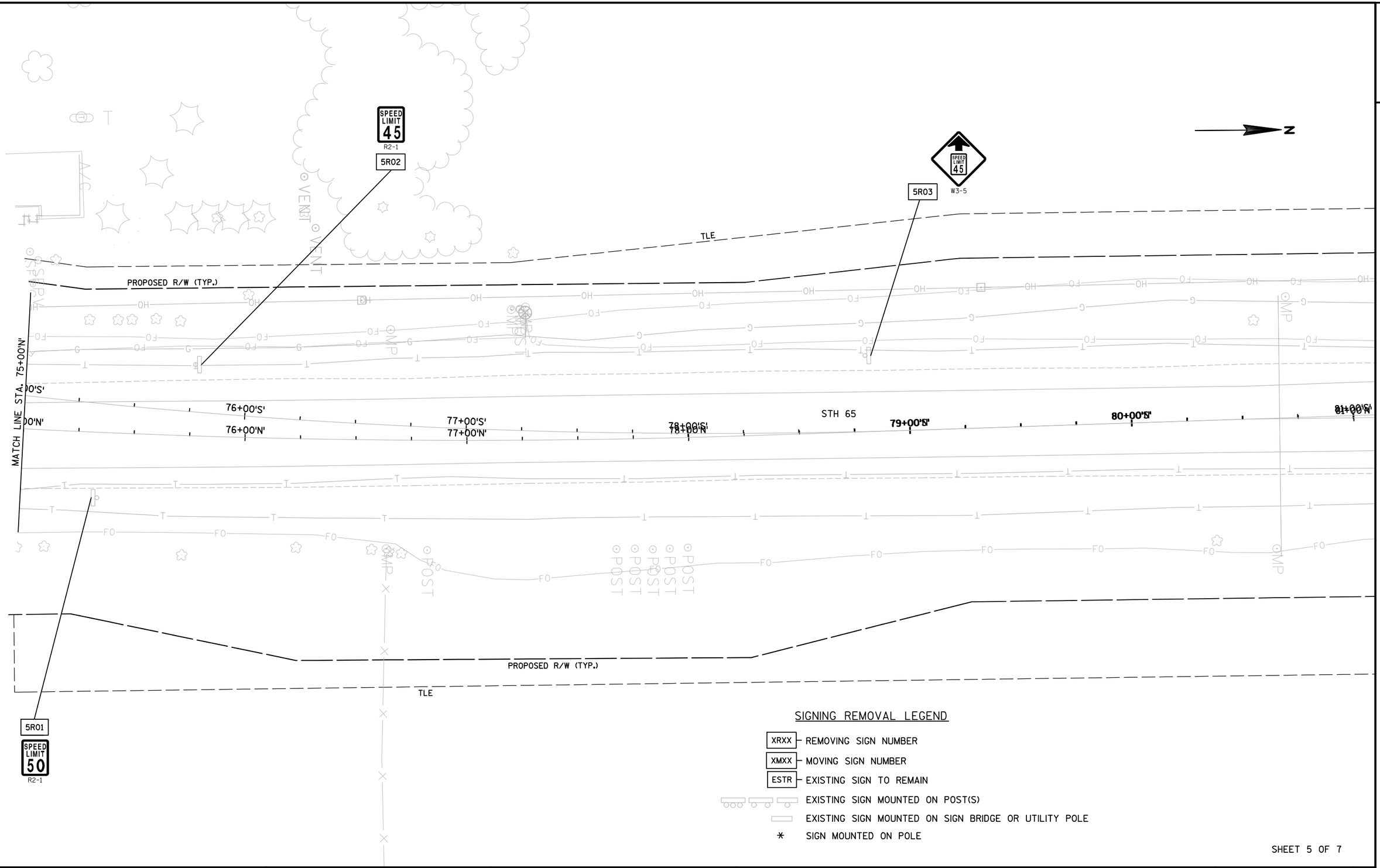
XRXX	REMOVING SIGN NUMBER
XMXX	MOVING SIGN NUMBER
ESTR	EXISTING SIGN TO REMAIN
	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
*	SIGN MOUNTED ON POLE

SHEET 4 OF 7

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	SIGNING REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS (REMOVALS).DWG PLOT DATE : 5/1/2017 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



SIGNING REMOVAL LEGEND

- XRXX — REMOVING SIGN NUMBER
- XMXX — MOVING SIGN NUMBER
- ESTR — EXISTING SIGN TO REMAIN
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- * SIGN MOUNTED ON POLE

SHEET 5 OF 7

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	SIGNING REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS (REMOVALS).DWG PLOT DATE : 5/1/2017 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

NO PARKING ANY TIME R7-1-D
6R01

NO PARKING ANY TIME R7-1-D
6R02

NO PARKING ANY TIME R7-1-D
6R03

SPEED LIMIT 35 R2-1
6R05

NO PARKING ANY TIME R7-1-D
6R06

TLE

PROPOSED R/W (TYP.)

13+00'W'

14+00'W'

15+00'W'

70TH AVENUE

16+00'W'
16+00'E'

17+00'W'

17+00'E'

18+00'W'

18+00'E'

MATCH LINE STA. 18+50'E'

ESTR
STOP R1-1

ESTR
STOP R1-1

ESTR
R8-3A

ESTR
STOP R1-1

ESTR
R8-3A

ESTR
NO PARKING ANY TIME R7-1-D

ESTR
W3-3

6R04
ONLY R3-8

ESTR
STOP R1-1

GAS PRICES SIGN
TO REMAIN IN PLACE

AUTO & RV ENTRY/EXIT
TO REMAIN IN PLACE

TRUCK ENTRANCE
TO REMAIN IN PLACE

SIGNING REMOVAL LEGEND

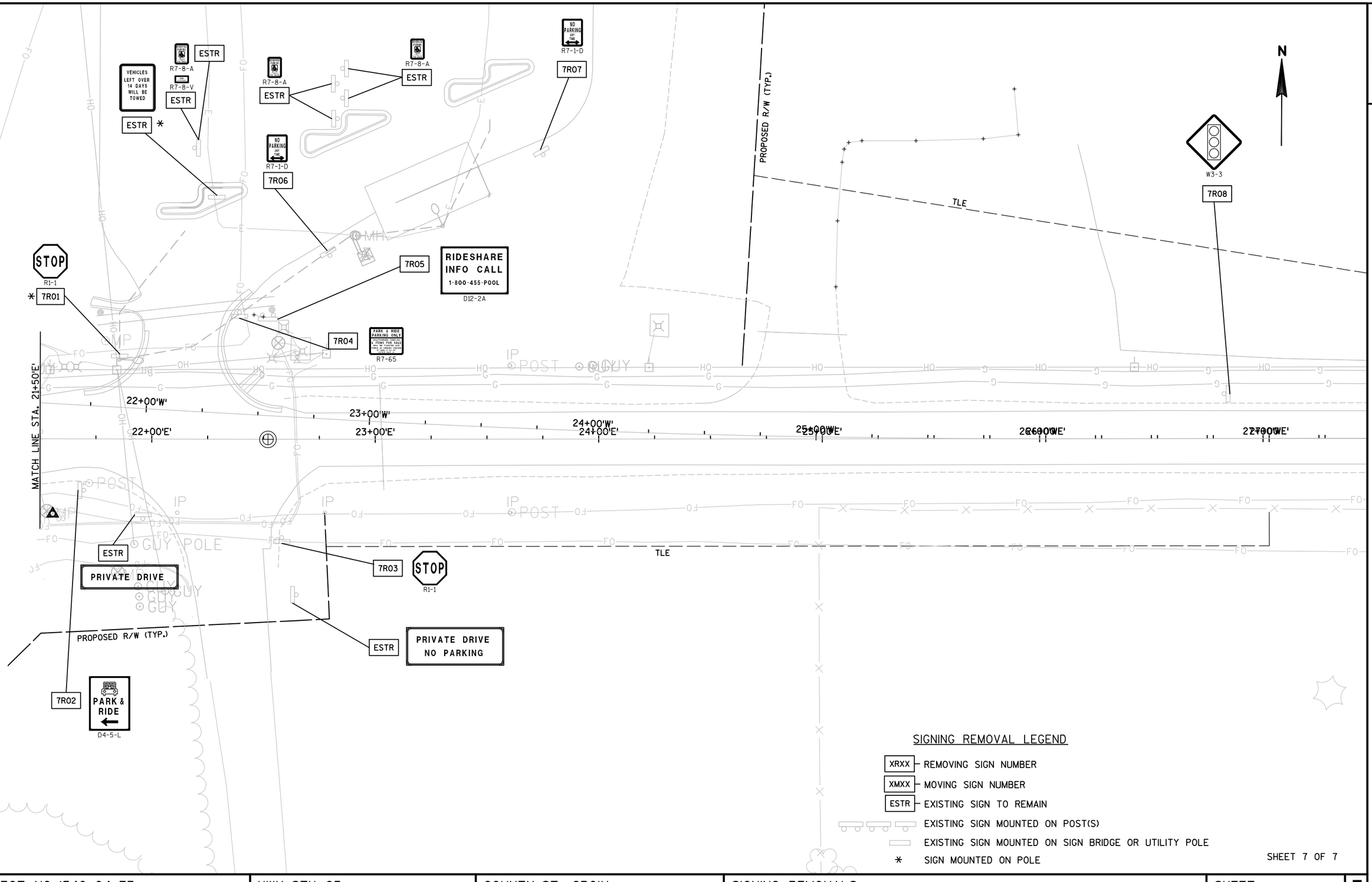
- XRXX — REMOVING SIGN NUMBER
- XMXX — MOVING SIGN NUMBER
- ESTR — EXISTING SIGN TO REMAIN
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- * SIGN MOUNTED ON POLE

SHEET 6 OF 7

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	SIGNING REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS (REMOVALS).DWG PLOT DATE : 5/1/2017 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



SIGNING REMOVAL LEGEND

- XRXX — REMOVING SIGN NUMBER
- XMXX — MOVING SIGN NUMBER
- ESTR — EXISTING SIGN TO REMAIN
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLE
- * SIGN MOUNTED ON POLE

SHEET 7 OF 7

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	SIGNING REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS (REMOVALS).DWG PLOT DATE : 5/1/2017 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON LIGHT/SIGNAL POLES

X-XX DENOTES SIGN NUMBER

FENCE WOVEN WIRE 4-FT

ESTR EXISTING SIGN TO REMAIN

N

IH 94 WB ON-RAMP

SIGNS PLACED ON S-55-44

51+00'N'

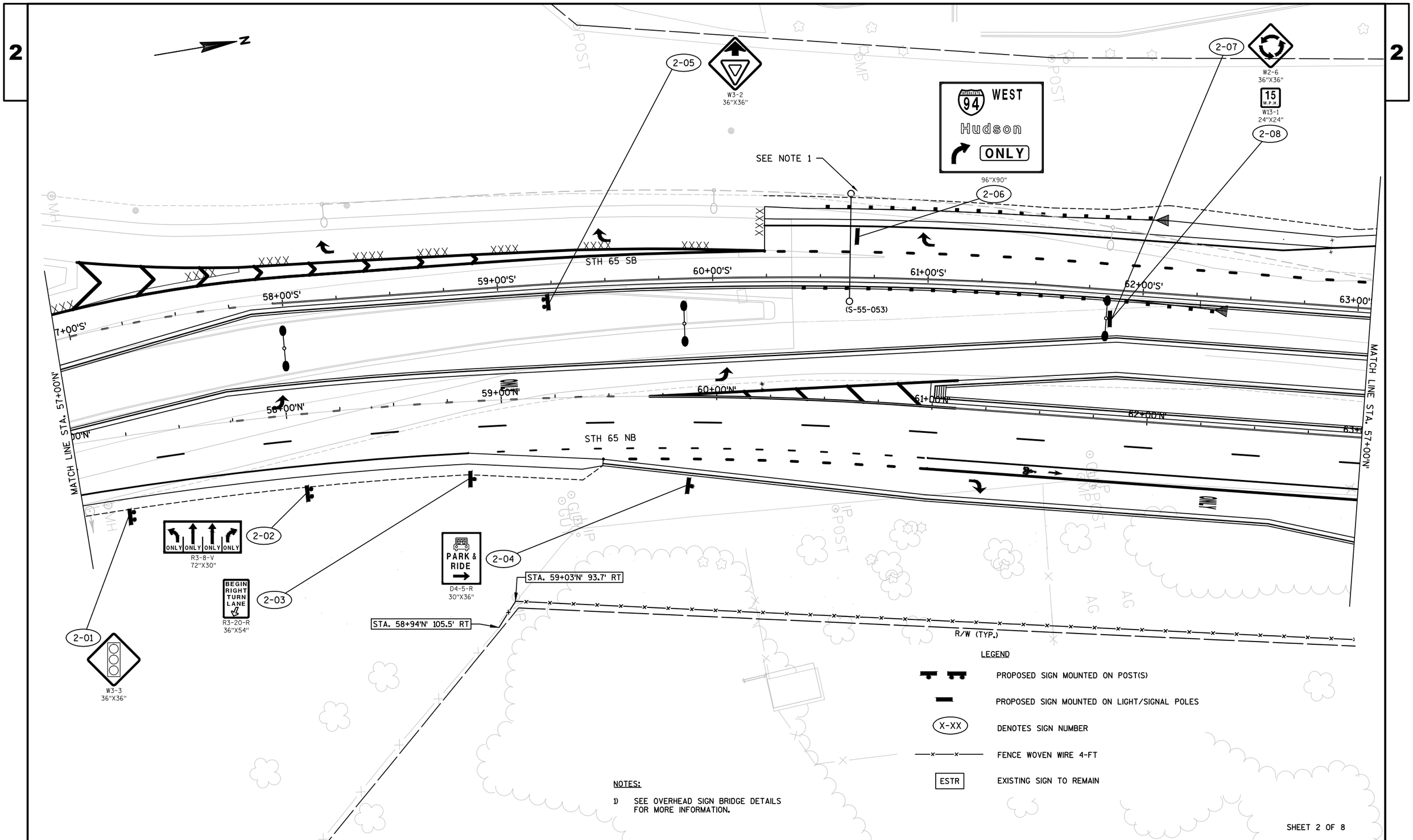
52+00'N'

53+00'N'

ESTR

ESTR

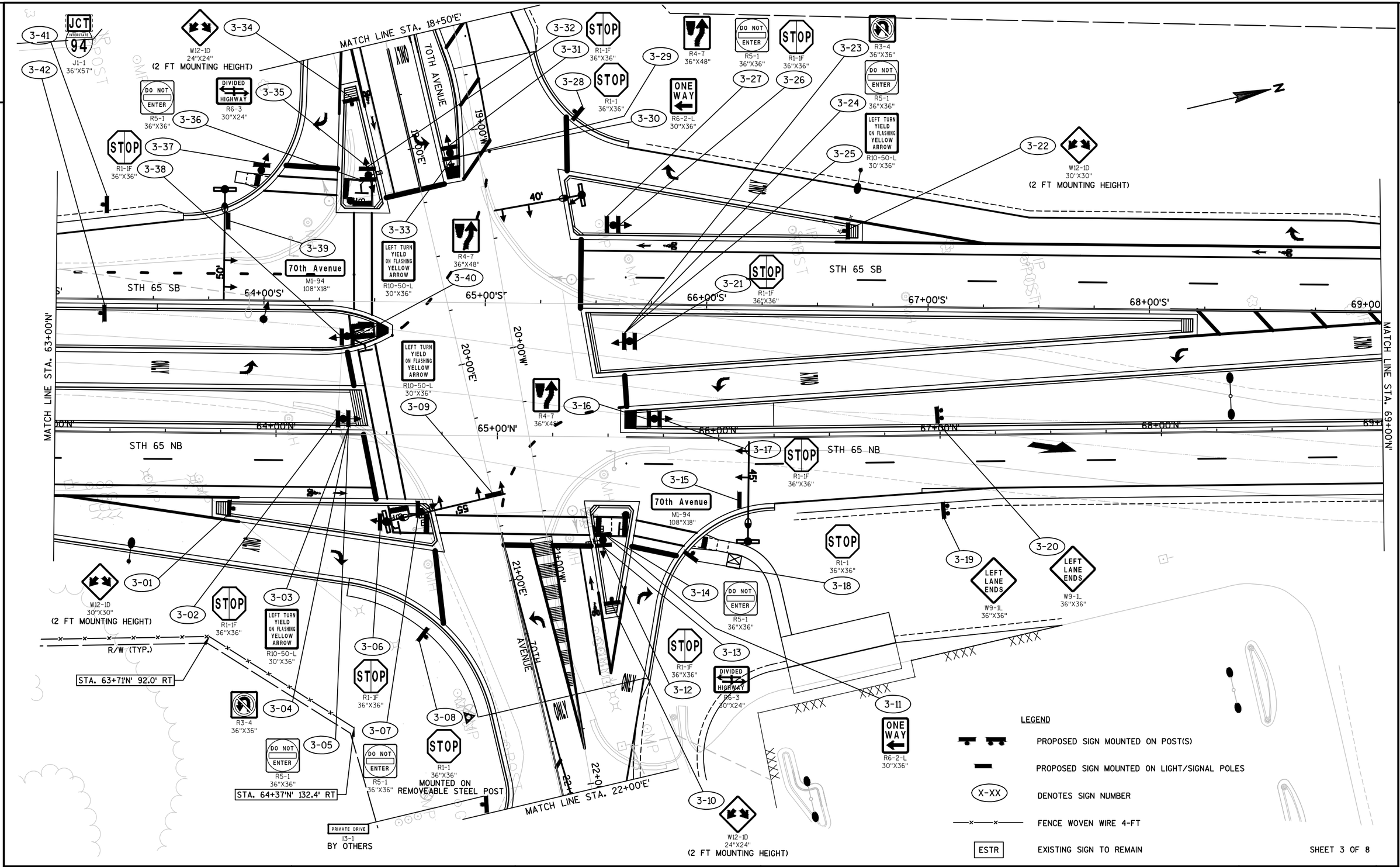
ESTR



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PERMANENT SIGNING AND FENCING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS.DWG PLOT DATE : 6/1/2017 11:22 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PERMANENT SIGNING AND FENCING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS.DWG PLOT DATE : 6/1/2017 11:22 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON LIGHT/SIGNAL POLES
- X-XX — DENOTES SIGN NUMBER
- FENCE WOVEN WIRE 4-FT
- ESTR — EXISTING SIGN TO REMAIN

N

4-03 BEGIN RIGHT TURN LANE R3-20-R 36"X54"

4-04 BEGIN LEFT TURN LANE R3-20-L 36"X54"

4-05 INTERSTATE 94 WEST Hudson ONLY 96"X90"

4-14 ONLY ONLY ONLY ONLY R3-8-V 72"X30"

4-13 W3-3 36"X36"

SEE NOTE 1

(S-55-054)

MATCH LINE STA. 69+00'N'

70+00'S'

71+00'S'

72+00'S'

73+00'S'

74+00'S'

MATCH LINE STA. 75+00'N'

70+00'N'

71+00'N'

72+00'N'

73+00'N'

74+00'N'

STH 65 SB

STH 65 NB

4-02 LEFT LANE ENDS W9-1L 36"X36"

4-06 W4-2L 36"X36"

4-08 W6-2 36"X36"

4-12 DO NOT ENTER R5-1 36"X36"

4-11

4-10 NO ENGINE BRAKING EXCEPT IN EMERGENCY R10-64 30"X36"

4-09 WRONG WAY R5-1A 42"X30"

4-01 LEFT LANE ENDS W9-1L 36"X36"

4-07 W4-2L 36"X36"

R/W (TYP.)

STA. 70+78'N' 100.7' RT

R = 1988.6'

STA. 74+31'N' 86.3' RT

NOTES:

1) SEE OVERHEAD SIGN BRIDGE DETAILS FOR MORE INFORMATION.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PERMANENT SIGNING AND FENCING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS.DWG PLOT DATE : 6/1/2017 11:22 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

5-02
SPEED LIMIT 45
R2-1
36"X48"

5-03
SPEED LIMIT 45
W3-5
36"X36"

5-06
W6-1
36"X36"

MATCH LINE STA. 75+00'N'

75+00'S'

76+00'S'

77+00'S'

77+00'N'

STH 65 SB

78+00'S'

78+00'N'

79+00'S'

80+00'S'

STH 65 NB

MATCH LINE STA. 81+00'N'

5-01
SPEED LIMIT 50
R2-1
36"X48"

5-04
W6-3
36"X36"

5-05
DO NOT ENTER
R5-1
36"X36"

STA. 75+25'N' 79.3' RT

STA. 76+25'N' 97.0' RT

R/W (TYP.)

STA. 78+25'N' 97.0' RT

STA. 79+25'N' 75.2' RT

SSERV

VENT

MP

POST

LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON LIGHT/SIGNAL POLES

X-XX DENOTES SIGN NUMBER

FENCE WOVEN WIRE 4-FT

ESTR EXISTING SIGN TO REMAIN

SHEET 5 OF 8

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PERMANENT SIGNING AND FENCING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS.DWG PLOT DATE : 6/1/2017 11:22 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MATCH LINE STA. 81+00'N'

STH 65 SB

STH 65 NB

82+00'S'
82+00'N'

83+00'S'
83+00'N'

84+00'S'
84+00'N'

85+00'S'
85+00'N'

86+00'S'
86+00'N'

WELL

MP

IP

POST

MH

R/W (TYP.)

STA. 81+62'N' 77.7' RT

NOTES:

1) NO PROPOSED SIGNING ON THIS SHEET.

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON LIGHT/SIGNAL POLES
- X-XX — DENOTES SIGN NUMBER
- FENCE WOVEN WIRE 4-FT
- ESTR — EXISTING SIGN TO REMAIN

SHEET 6 OF 8

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PERMANENT SIGNING AND FENCING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS.DWG PLOT DATE : 6/1/2017 11:22 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

7-01
NO PARKING
R7-1-D
18"X24"

7-04
SPEED LIMIT 35
R2-1
24"X30"

7-05
NO PARKING
R7-1-D
18"X24"

7-03
R4-7
24"X30"

13+00'W'
14+00'W'
15+00'W'
70TH AVENUE
16+00'W'
16+00'E'
17+00'W'
17+00'E'
18+00'W'
18+00'E'
MATCH LINE STA. 18+50'E'

R/W (TYP.)

ESTR
STOP
R8-3A

7-02
R3-8-W
54"X30"
ONLY ONLY ONLY

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON LIGHT/SIGNAL POLES
- X-XX — DENOTES SIGN NUMBER
- FENCE WOVEN WIRE 4-FT
- ESTR — EXISTING SIGN TO REMAIN

SHEET 7 OF 8

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PERMANENT SIGNING AND FENCING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS.DWG PLOT DATE : 6/1/2017 11:23 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

8-06
NO PARKING ANY TIME
R7-1-D
18"X24"

8-05
NO PARKING ANY TIME
R7-1-D
18"X24"

8-04
ONLY ONLY ONLY
R3-8-W
54"X30"

8-08
STOP
R1-1
30"X30"

8-07
RIDESHARE
INFO CALL
1-800-455-POOL
D12-2A
60"X42"

8-09
PARK & RIDE PARKING ONLY
R7-65
30"X24"

8-10
W3-3
36"X36"

MATCH LINE STA. 22+00'E

23+00'W
23+00'E
24+00'W
24+00'E
25+00'E
26+00'E
27+00'E
28+00

70TH AVENUE

R/W (TYP.)

STA. 25+00'E 30.0' RT

STA. 26+16'E 30.0' RT

8-02
SPEED LIMIT 45
R2-1
24"X30"

8-03
PARK & RIDE
D4-5-L
36"X48"

8-01
STOP
R1-1
30"X30"

IP
POST
GUY POLE
GUY
XXXX

LEGEND

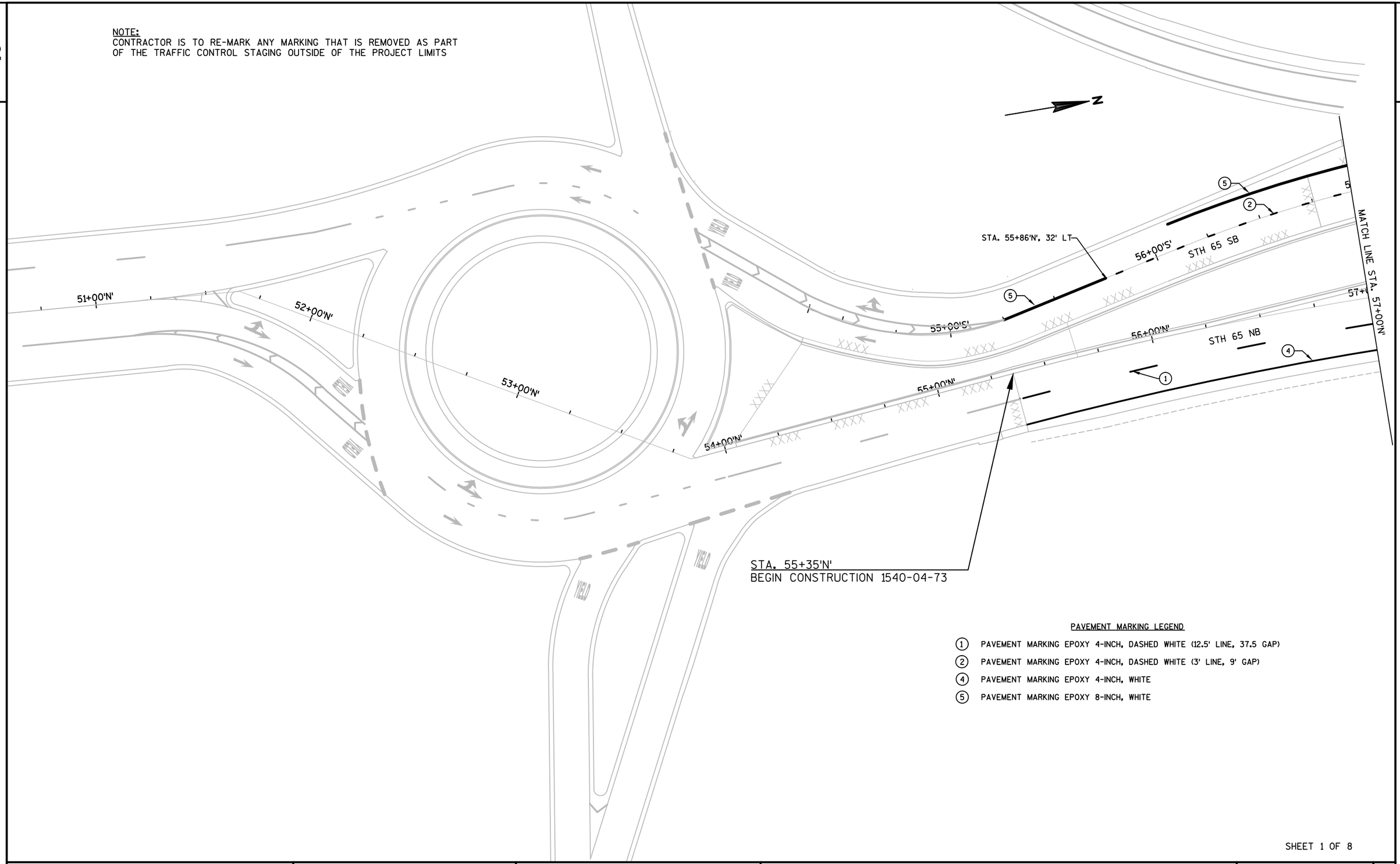
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON LIGHT/SIGNAL POLES
- X-XX — DENOTES SIGN NUMBER
- FENCE WOVEN WIRE 4-FT
- ESTR — EXISTING SIGN TO REMAIN

SHEET 8 OF 8

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PERMANENT SIGNING AND FENCING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023201-PS.DWG PLOT DATE : 6/1/2017 11:23 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTE:
CONTRACTOR IS TO RE-MARK ANY MARKING THAT IS REMOVED AS PART OF THE TRAFFIC CONTROL STAGING OUTSIDE OF THE PROJECT LIMITS



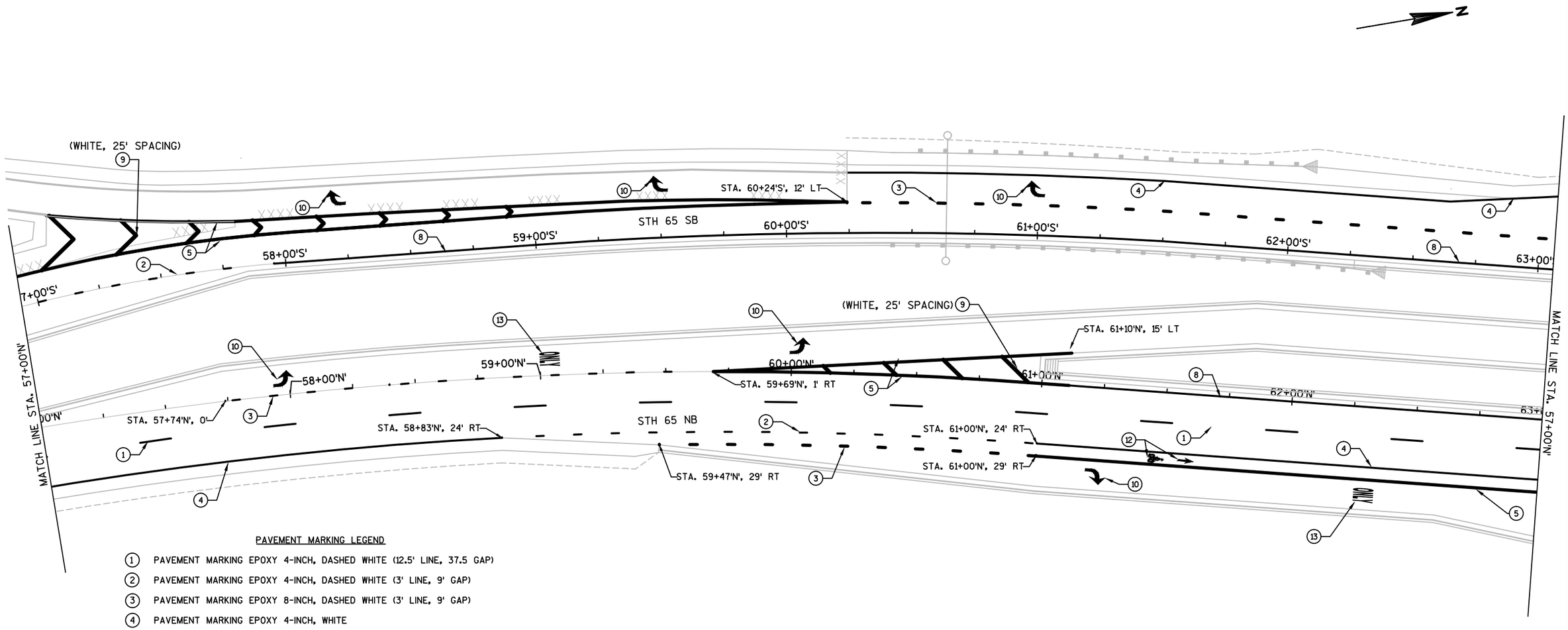
PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5 GAP)
2. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (3' LINE, 9' GAP)
4. PAVEMENT MARKING EPOXY 4-INCH, WHITE
5. PAVEMENT MARKING EPOXY 8-INCH, WHITE

SHEET 1 OF 8

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	PAVEMENT MARKING	SHEET	E

2



PAVEMENT MARKING LEGEND

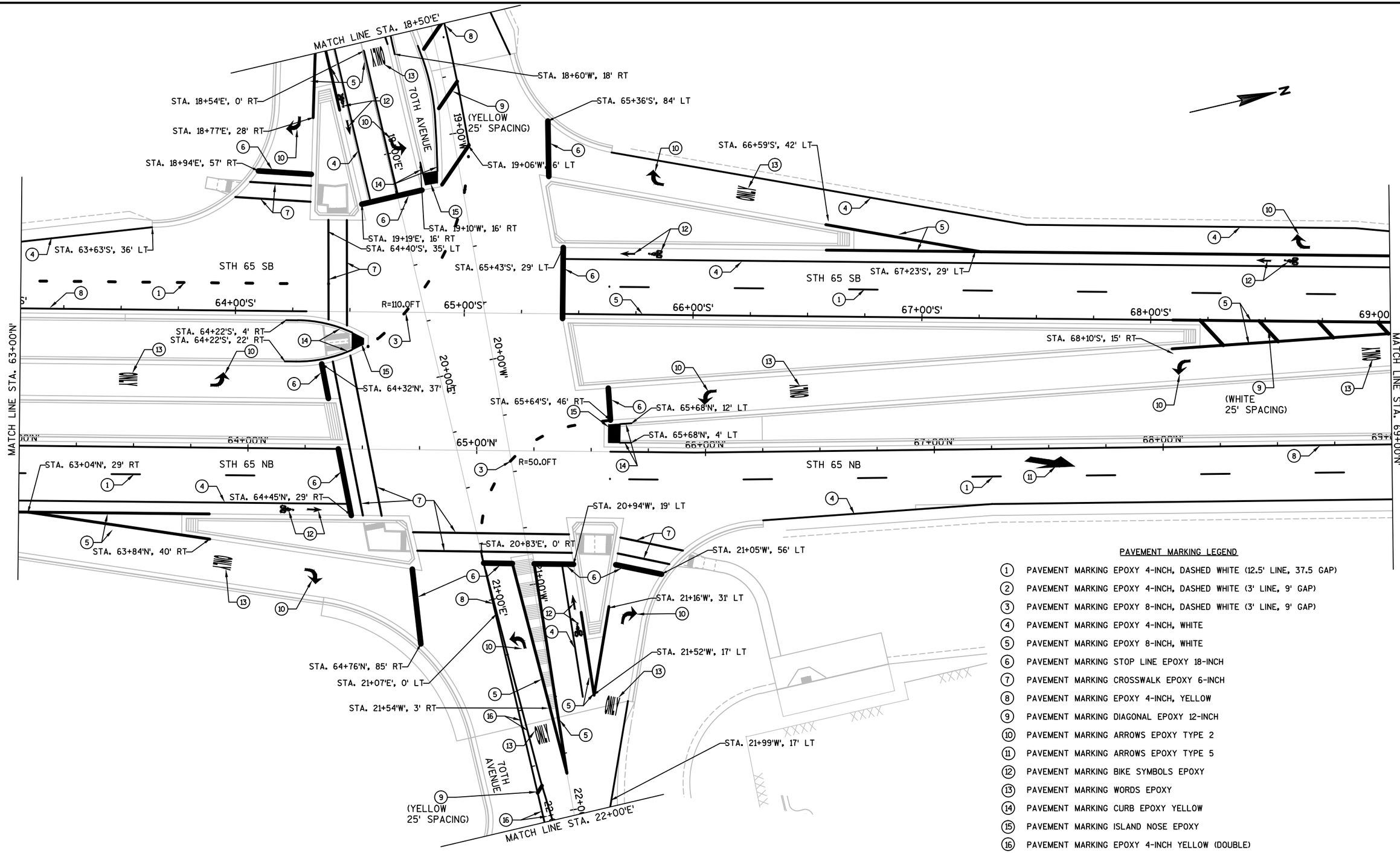
1. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5 GAP)
2. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (3' LINE, 9' GAP)
3. PAVEMENT MARKING EPOXY 8-INCH, DASHED WHITE (3' LINE, 9' GAP)
4. PAVEMENT MARKING EPOXY 4-INCH, WHITE
5. PAVEMENT MARKING EPOXY 8-INCH, WHITE
8. PAVEMENT MARKING EPOXY 4-INCH, YELLOW
9. PAVEMENT MARKING DIAGONAL EPOXY 12-INCH
10. PAVEMENT MARKING ARROWS EPOXY TYPE 2
12. PAVEMENT MARKING SYMBOLS BIKE LANE EPOXY
13. PAVEMENT MARKING WORDS EPOXY

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PAVEMENT MARKING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\024501-PM.DWG PLOT DATE : 5/2/2017 4:37 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

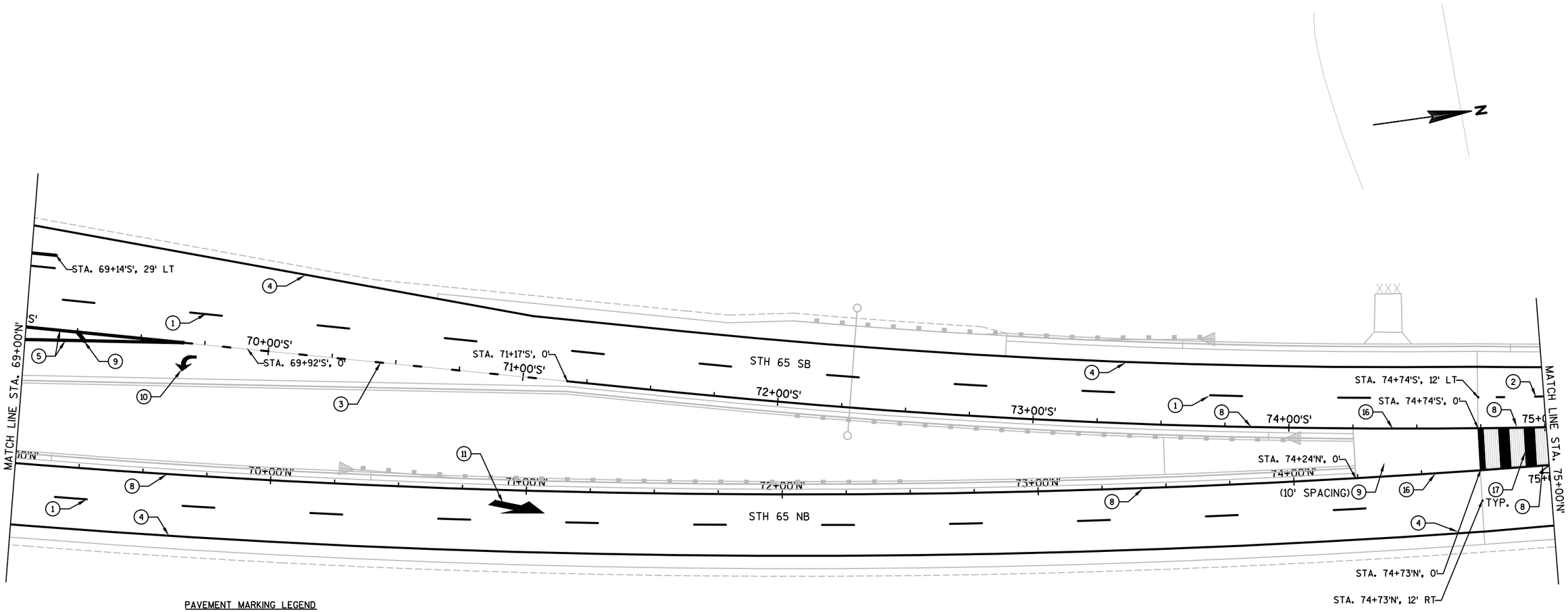
1. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5 GAP)
2. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (3' LINE, 9' GAP)
3. PAVEMENT MARKING EPOXY 8-INCH, DASHED WHITE (3' LINE, 9' GAP)
4. PAVEMENT MARKING EPOXY 4-INCH, WHITE
5. PAVEMENT MARKING EPOXY 8-INCH, WHITE
6. PAVEMENT MARKING STOP LINE EPOXY 18-INCH
7. PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
8. PAVEMENT MARKING EPOXY 4-INCH, YELLOW
9. PAVEMENT MARKING DIAGONAL EPOXY 12-INCH
10. PAVEMENT MARKING ARROWS EPOXY TYPE 2
11. PAVEMENT MARKING ARROWS EPOXY TYPE 5
12. PAVEMENT MARKING BIKE SYMBOLS EPOXY
13. PAVEMENT MARKING WORDS EPOXY
14. PAVEMENT MARKING CURB EPOXY YELLOW
15. PAVEMENT MARKING ISLAND NOSE EPOXY
16. PAVEMENT MARKING EPOXY 4-INCH YELLOW (DOUBLE)
18. CORRUGATED MEDIAN MARKING WHITE

SHEET 3 OF 8

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PAVEMENT MARKING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\024501-PM.DWG PLOT DATE : 5/2/2017 4:37 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



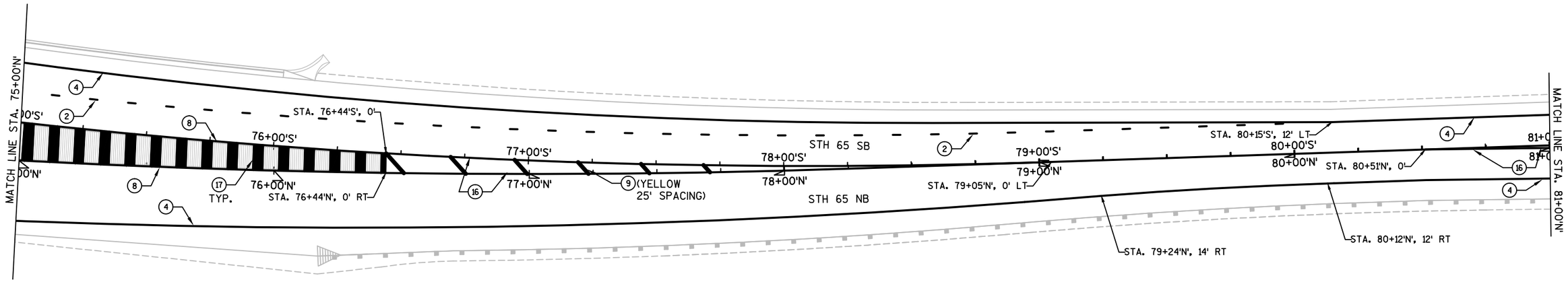
PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5 GAP)
2. PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (3' LINE, 9' GAP)
3. PAVEMENT MARKING EPOXY 8-INCH, DASHED WHITE (3' LINE, 9' GAP)
4. PAVEMENT MARKING EPOXY 4-INCH, WHITE
5. PAVEMENT MARKING EPOXY 8-INCH, WHITE
8. PAVEMENT MARKING EPOXY 4-INCH, YELLOW
9. PAVEMENT MARKING DIAGONAL EPOXY 12-INCH
10. PAVEMENT MARKING ARROWS EPOXY TYPE 2
11. PAVEMENT MARKING ARROWS EPOXY TYPE 5
16. PAVEMENT MARKING EPOXY 4-INCH YELLOW (DOUBLE)
17. CORRUGATED MEDIAN MARKING YELLOW

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PAVEMENT MARKING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\024501-PM.DWG PLOT DATE : 5/2/2017 4:37 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

(2) PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (3' LINE, 9' GAP)

(4) PAVEMENT MARKING EPOXY 4-INCH, WHITE

(8) PAVEMENT MARKING EPOXY 4-INCH, YELLOW

(9) PAVEMENT MARKING DIAGONAL EPOXY 12-INCH

(16) PAVEMENT MARKING EPOXY 4-INCH YELLOW (DOUBLE)

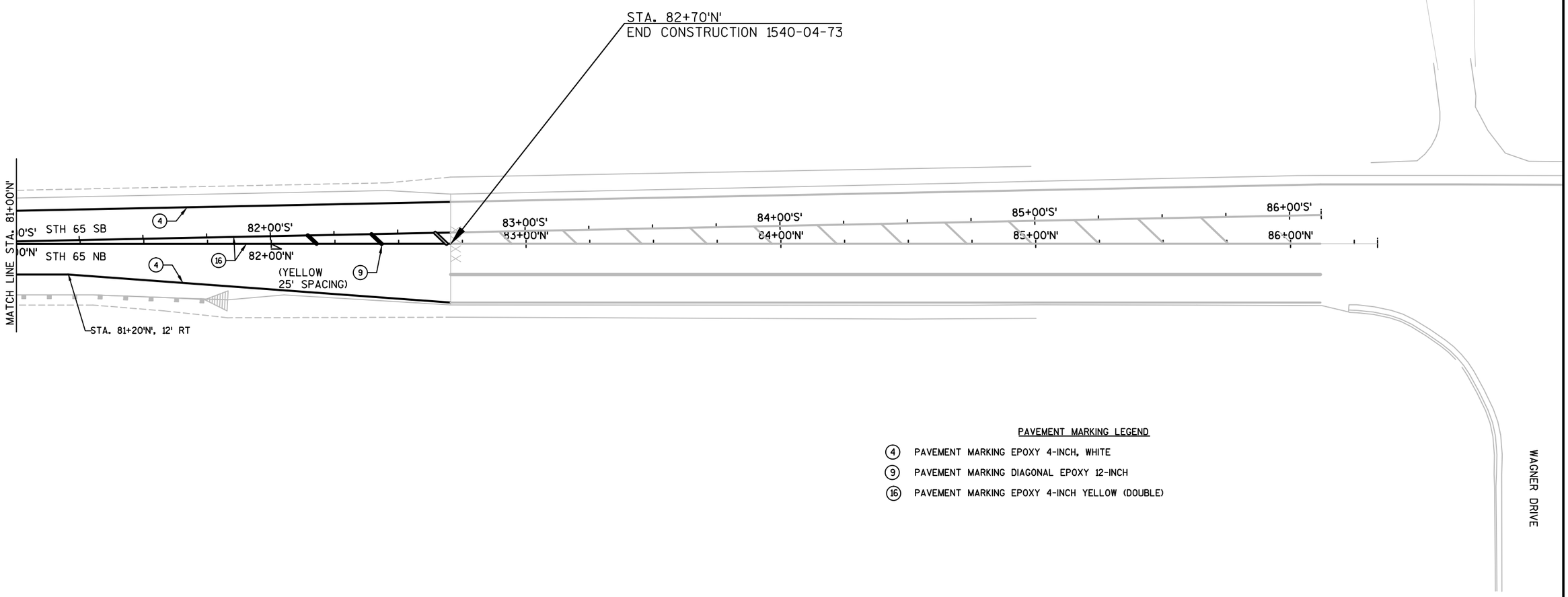
(17) CORRUGATED MEDIAN MARKING YELLOW

SHEET 5 OF 8

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PAVEMENT MARKING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\024501-PM.DWG PLOT DATE : 5/2/2017 4:37 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTE:
CONTRACTOR IS TO RE-MARK ANY MARKING THAT IS REMOVED AS PART OF THE TRAFFIC CONTROL STAGING OUTSIDE OF THE PROJECT LIMITS



PAVEMENT MARKING LEGEND

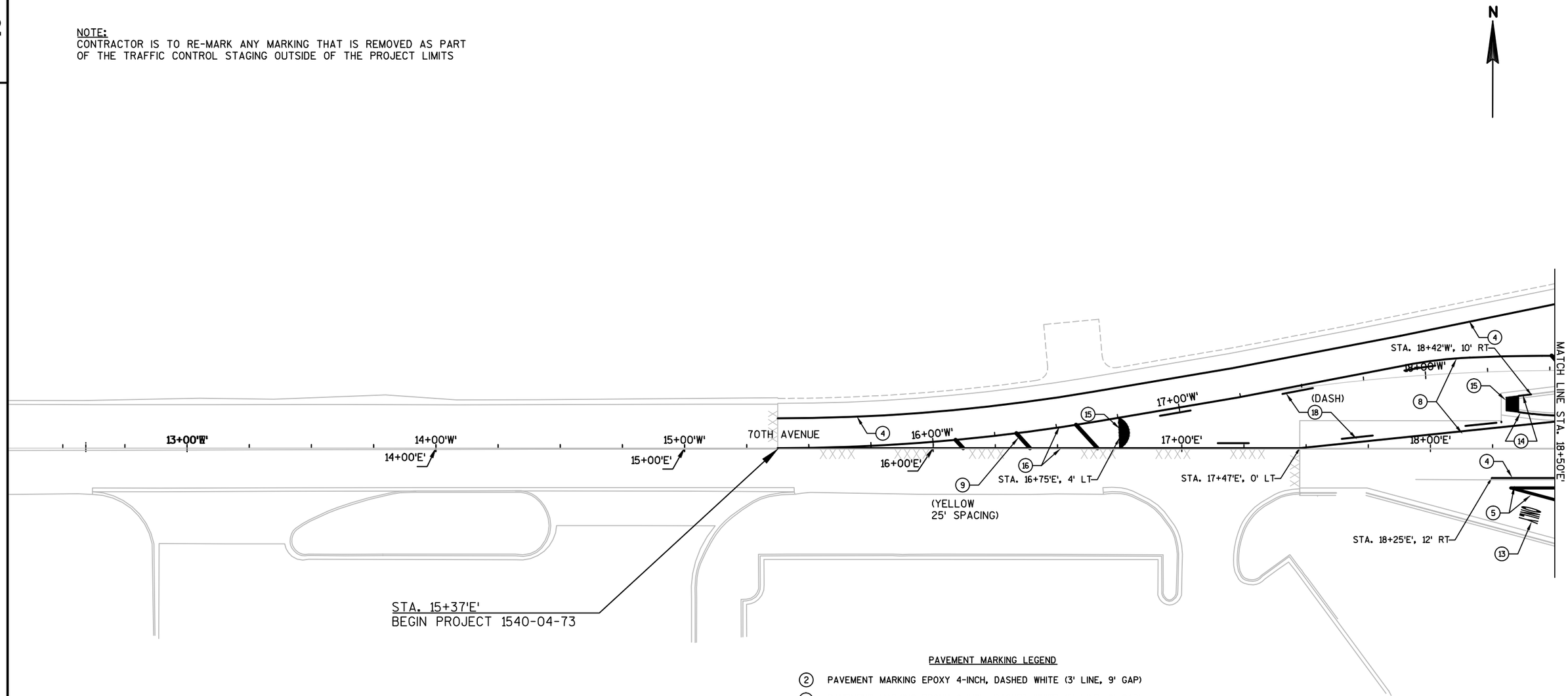
(4) PAVEMENT MARKING EPOXY 4-INCH, WHITE
(9) PAVEMENT MARKING DIAGONAL EPOXY 12-INCH
(16) PAVEMENT MARKING EPOXY 4-INCH YELLOW (DOUBLE)

SHEET 6 OF 8

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PAVEMENT MARKING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\024501-PM.DWG PLOT DATE : 5/2/2017 4:37 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTE:
CONTRACTOR IS TO RE-MARK ANY MARKING THAT IS REMOVED AS PART OF THE TRAFFIC CONTROL STAGING OUTSIDE OF THE PROJECT LIMITS



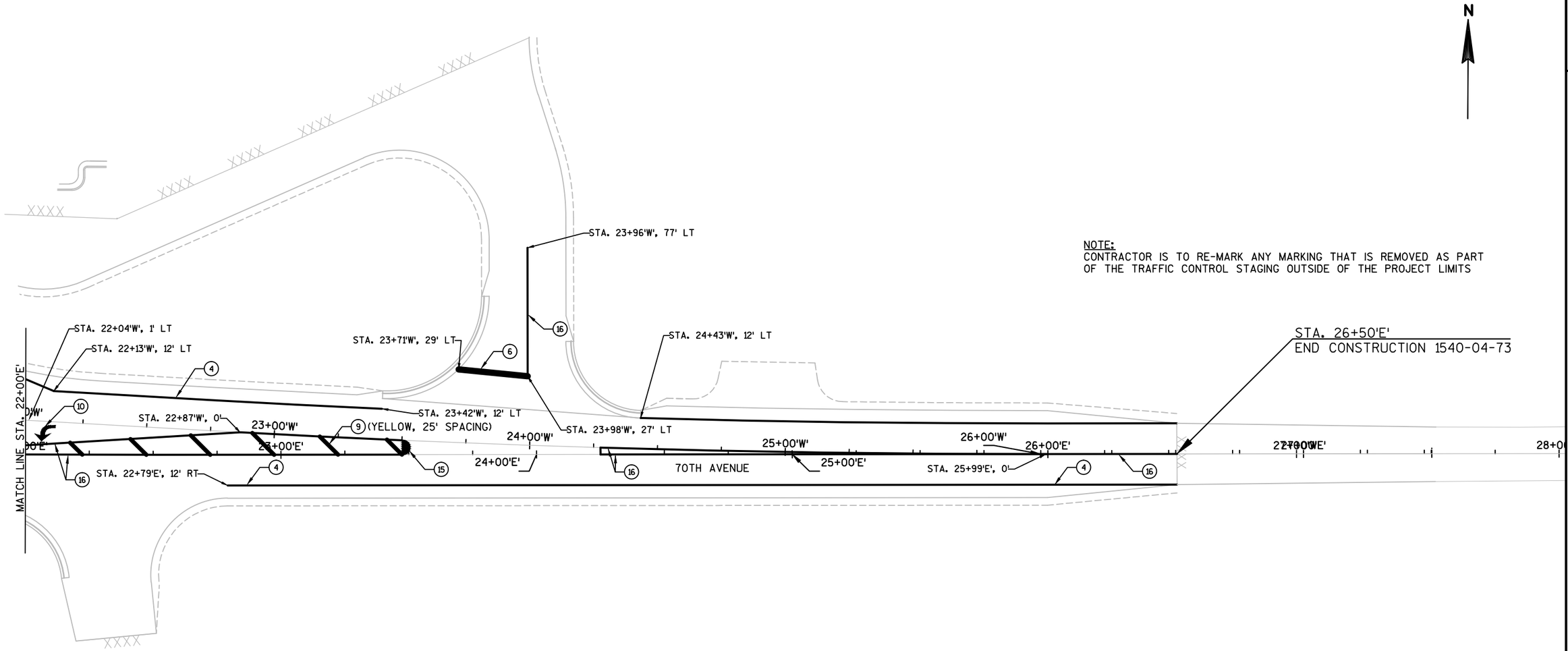
PAVEMENT MARKING LEGEND

(2)	PAVEMENT MARKING EPOXY 4-INCH, DASHED WHITE (3' LINE, 9' GAP)
(3)	PAVEMENT MARKING EPOXY 8-INCH, DASHED WHITE (3' LINE, 9' GAP)
(4)	PAVEMENT MARKING EPOXY 4-INCH, WHITE
(5)	PAVEMENT MARKING EPOXY 8-INCH, WHITE
(8)	PAVEMENT MARKING EPOXY 4-INCH, YELLOW
(9)	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH
(13)	PAVEMENT MARKING WORDS EPOXY
(14)	PAVEMENT MARKING CURB EPOXY YELLOW
(15)	PAVEMENT MARKING ISLAND NOSE EPOXY
(16)	PAVEMENT MARKING EPOXY 4-INCH YELLOW (DOUBLE)
(18)	PAVEMENT MARKING EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5 GAP)

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PAVEMENT MARKING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\024501-PM.DWG PLOT DATE : 5/2/2017 4:37 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	PAVEMENT MARKING	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\024501-PM.DWG PLOT DATE : 5/2/2017 4:37 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LIGHTING PLAN LEGEND:

WISDOT STANDARD LED LIGHTING UNIT

WISDOT STANDARD TWIN LED LIGHTING UNIT

WISDOT STANDARD LIGHTING UNIT INCLUDED IN TRAFFIC PLANS

EXISTING STANDARD HPS LIGHTING UNIT

EXISTING STANDARD TWIN HPS LIGHTING UNIT

CONCRETE CONTROL CABINET BASE/ELECTRICAL SERVICE

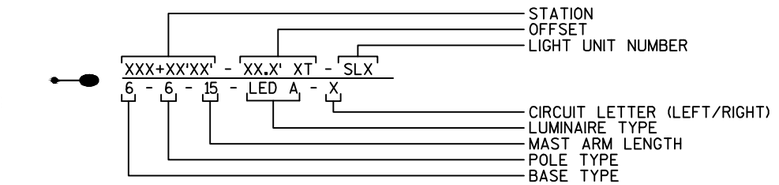
PULL BOX STEEL (24"X42")

LIGHTING CONDUIT (2" SCHEDULE 40 PVC UNLESS NOTED)

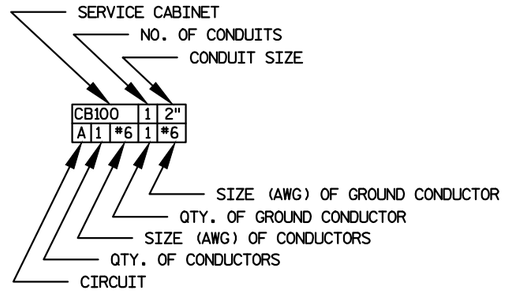
X — REMOVE AND SALVAGE EXISTING LIGHTING

Y — REMOVE OR ABANDON EXISTING CONDUIT. EXISTING ELECTRICAL WIRING TO BE REMOVED

Z — REMOVE ELECTRICAL CONDUCTORS FROM EXISTING CONDUIT



CONDUIT/CONDUCTOR LEGEND



PWO = PULL WIRE ONLY

CONDUCTOR COLOR LEGEND

CB100

LIGHTING CONDUCTORS
A - BLACK
B - RED
C - BLACK
D - RED
E - BLACK
F - RED
240V PHASE TO PHASE

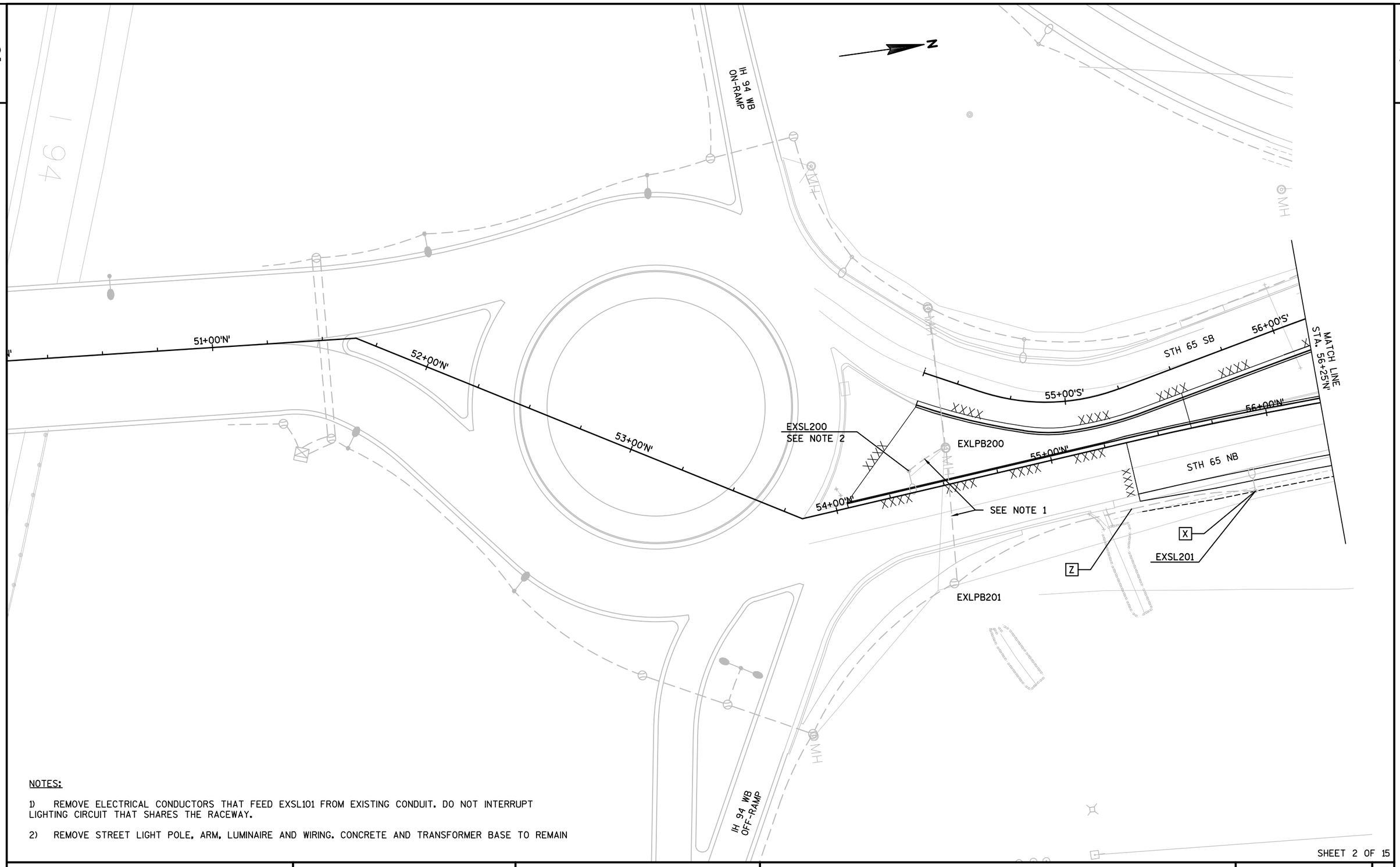
GENERAL STREET LIGHTING NOTES:

1) THE ENGINEER SHALL APPROVE THE FINAL LOCATION FOR ALL CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION.

2) THE LOCATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

3) NO SPLICES ALLOWED IN PULL BOXES.

2



NOTES:

1) REMOVE ELECTRICAL CONDUCTORS THAT FEED EXSL101 FROM EXISTING CONDUIT. DO NOT INTERRUPT LIGHTING CIRCUIT THAT SHARES THE RACEWAY.

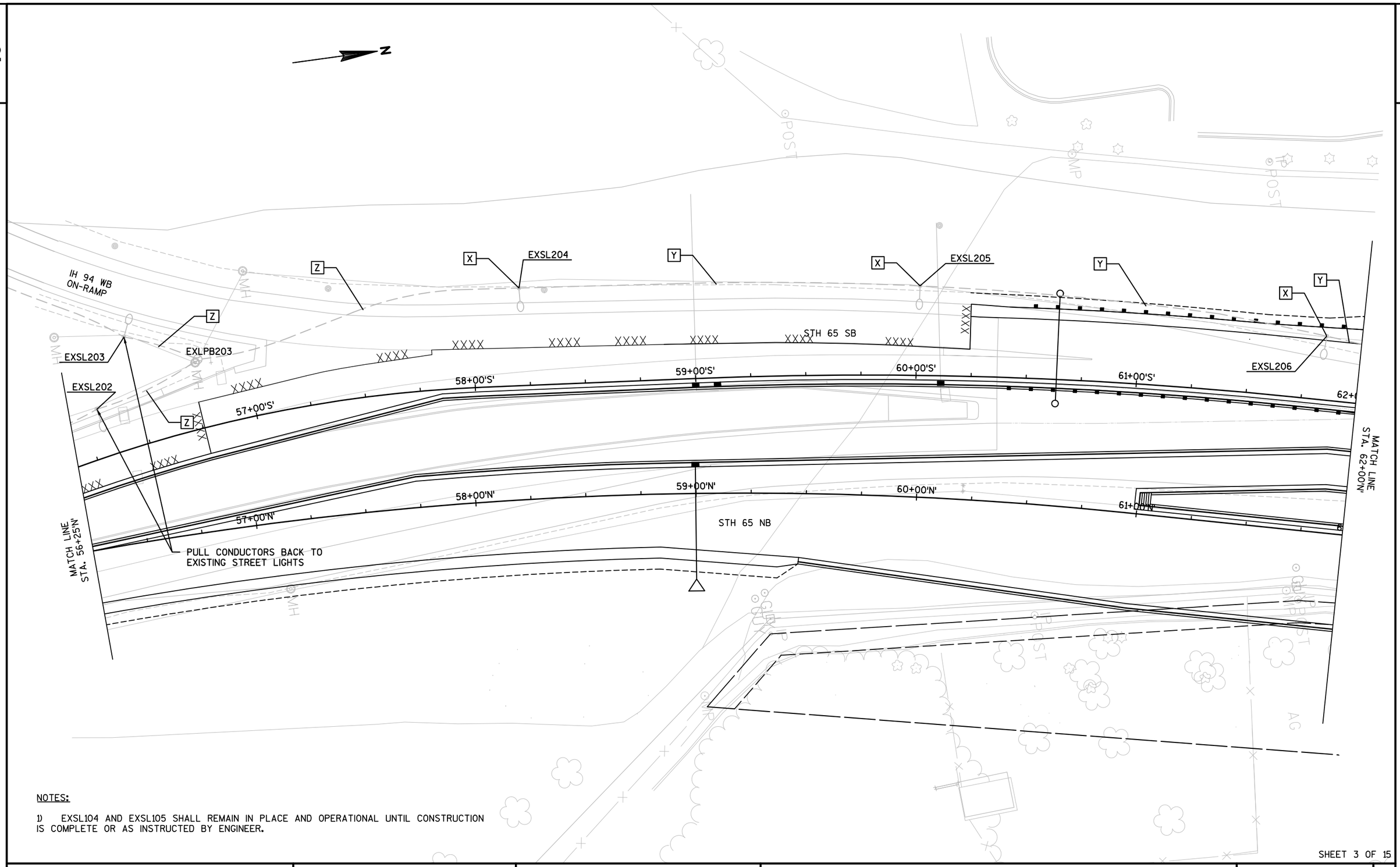
2) REMOVE STREET LIGHT POLE, ARM, LUMINAIRE AND WIRING. CONCRETE AND TRANSFORMER BASE TO REMAIN

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS - REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023603-LP_REMOVALS.DWG PLOT DATE : 5/22/2017 9:58 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



NOTES:

1) EXSL104 AND EXSL105 SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL CONSTRUCTION IS COMPLETE OR AS INSTRUCTED BY ENGINEER.

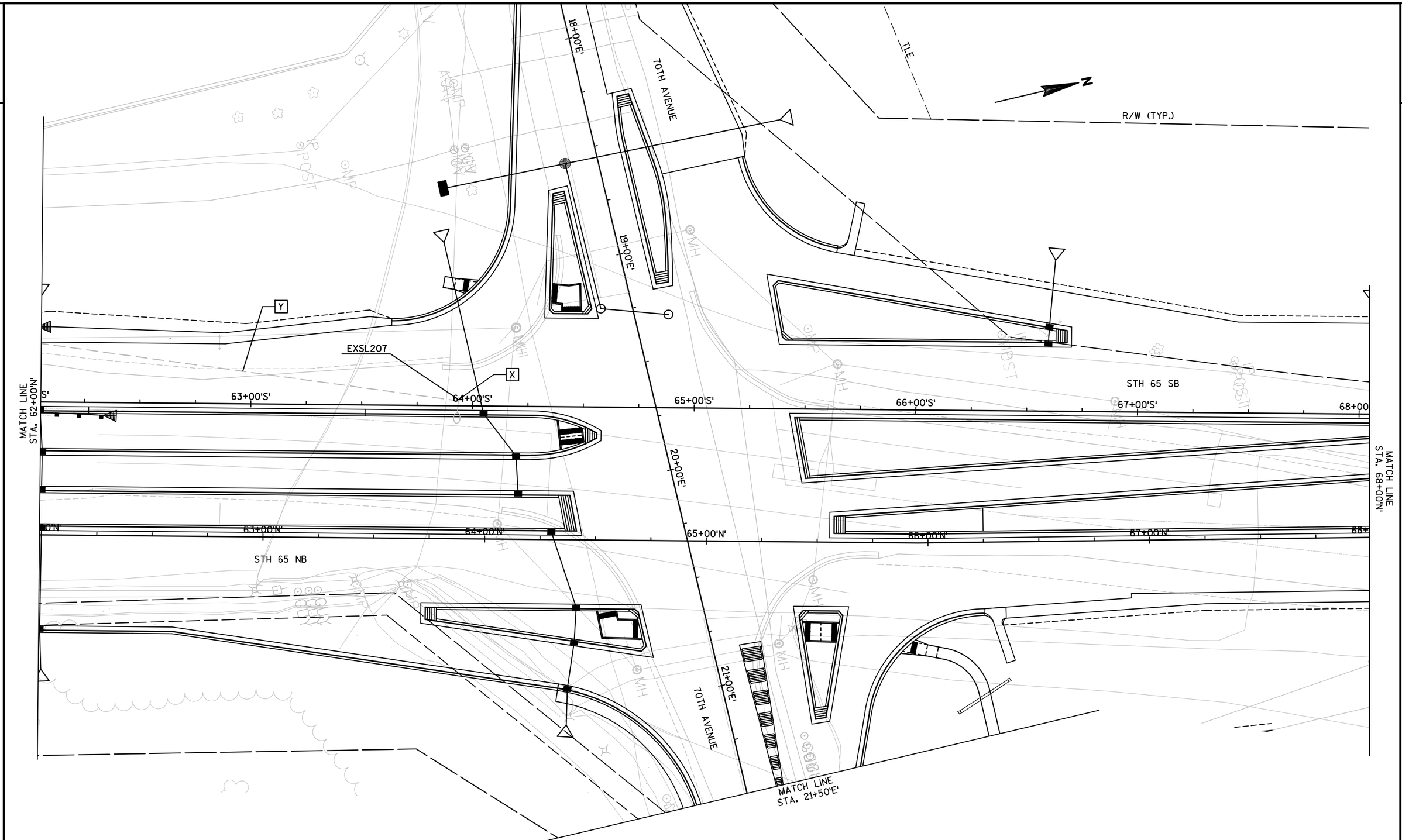
SHEET 3 OF 15

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS - REMOVALS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023603-LP_REMOVALS.DWG PLOT DATE : 5/22/2017 9:58 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

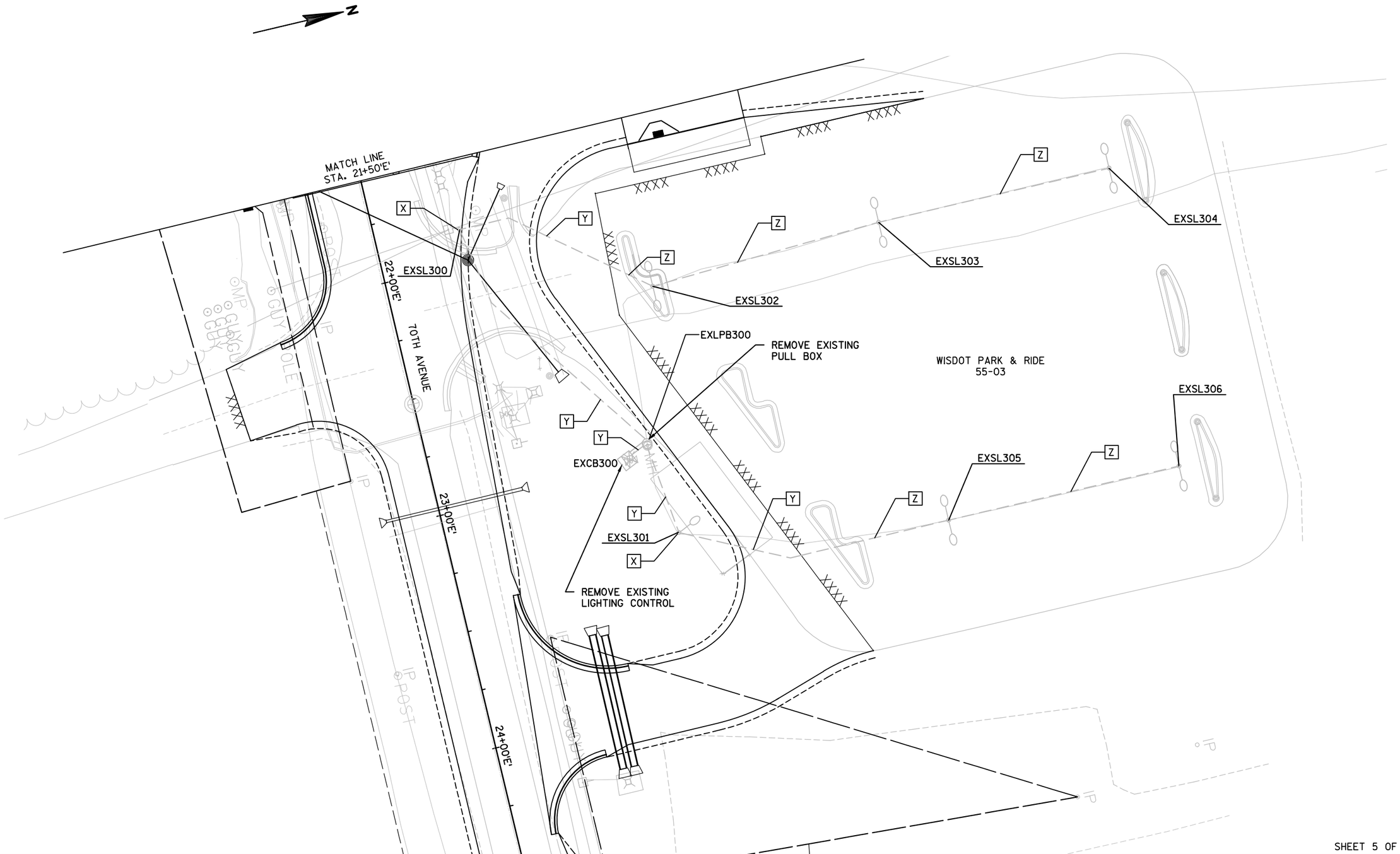
2



SHEET 4 OF 15

PROJECT NO:1540-04-73	HWY:STH 65	COUNTY:ST. CROIX	LIGHTING PLANS - REMOVALS	SHEET	E

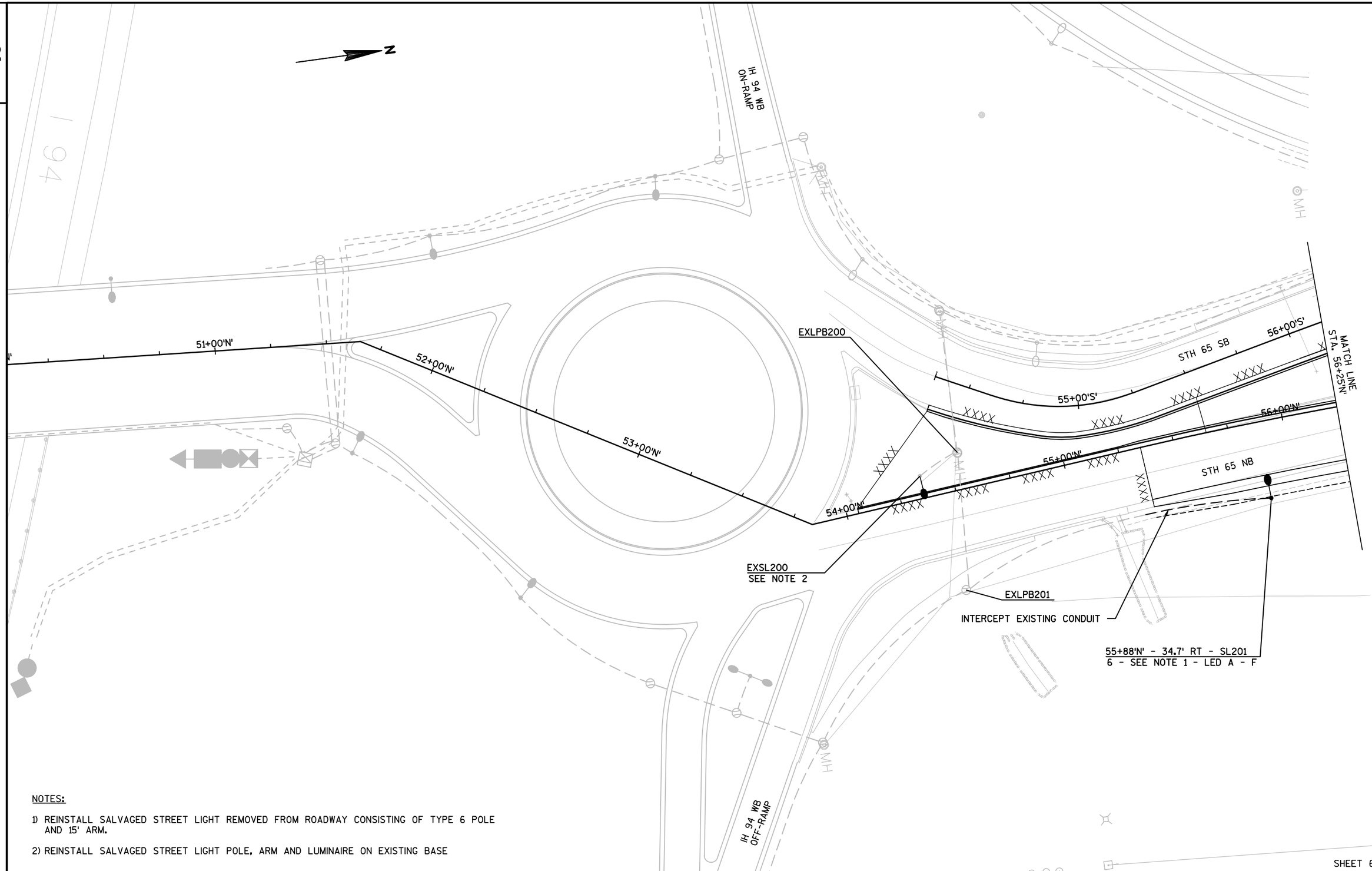
2



SHEET 5 OF 15

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS - REMOVALS	SHEET	E

2



NOTES:

1) REINSTALL SALVAGED STREET LIGHT REMOVED FROM ROADWAY CONSISTING OF TYPE 6 POLE AND 15' ARM.

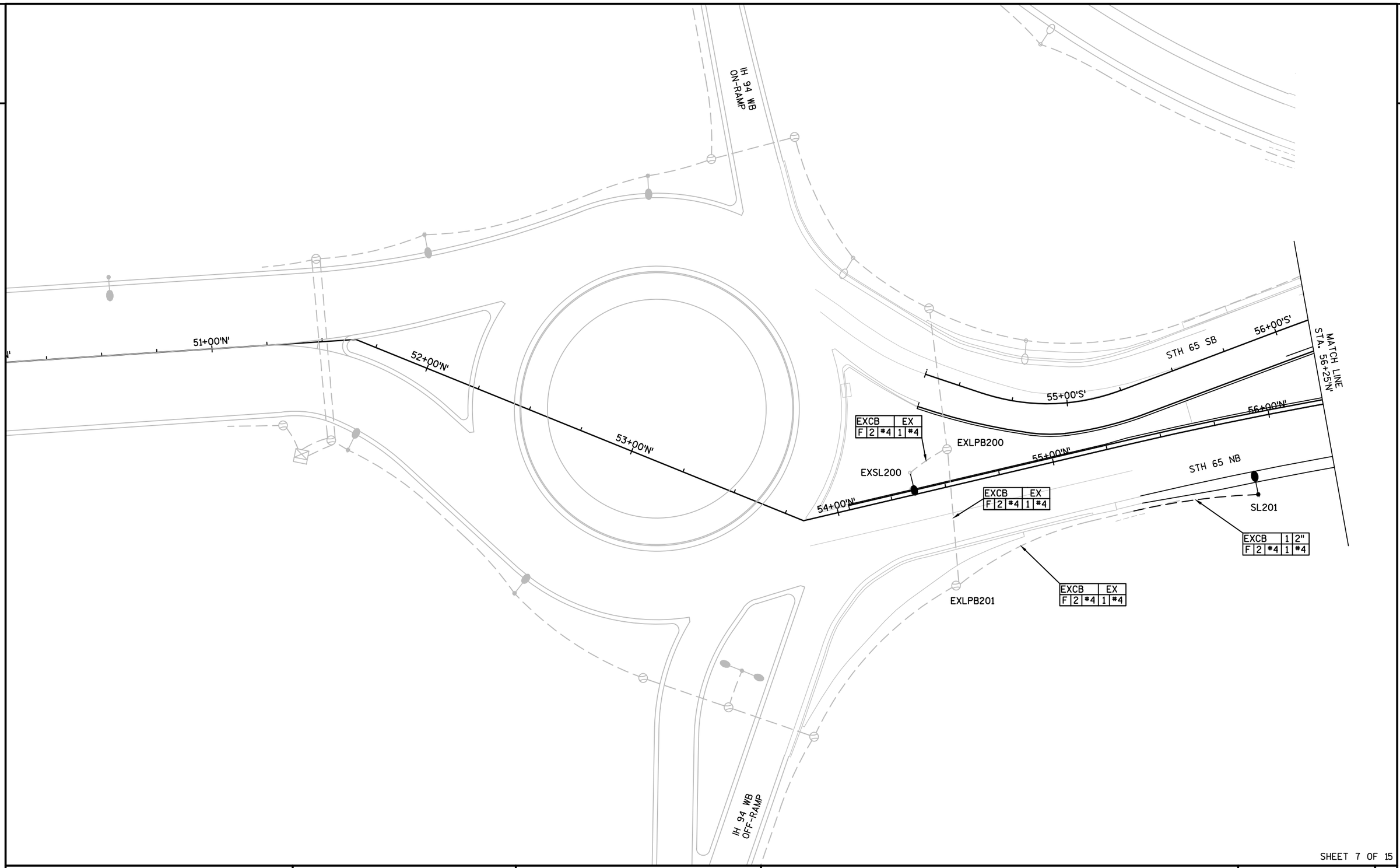
2) REINSTALL SALVAGED STREET LIGHT POLE, ARM AND LUMINAIRE ON EXISTING BASE

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023601-LP.DWG PLOT DATE : 5/22/2017 5:00 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



SHEET 7 OF 15

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

2

N

58+22'S' - 44.3' LT - LPB100

INTERCEPT EXISTING CONDUIT WHERE STREET LIGHT WAS REMOVED FOR FUTURE LOCATING.

IH 94 WB ON-RAMP

EXSL203

EXLPB203

EXSL202

STH 65 SB

57+00'S'

58+00'S'

59+00'S'

60+00'S'

61+00'S'

55+99'S' - 21.1' RT - SL100
6 - 6 - 15 - (2) LED A - C/D

57+00'N'

58+00'N'

59+00'N'

60+00'N'

61+00'N'

STH 65 NB

MATCH LINE STA. 56+25'N'

MATCH LINE STA. 62+00'N'

59+86'S' - 20.9' RT - SL101
6 - 6 - 15 - (2) LED A - D/C

61+84'S' - 13.3' RT - SL102
6 - 6 - 15 - (2) LED A - C/D

R/W (TYP.)

NOTES:

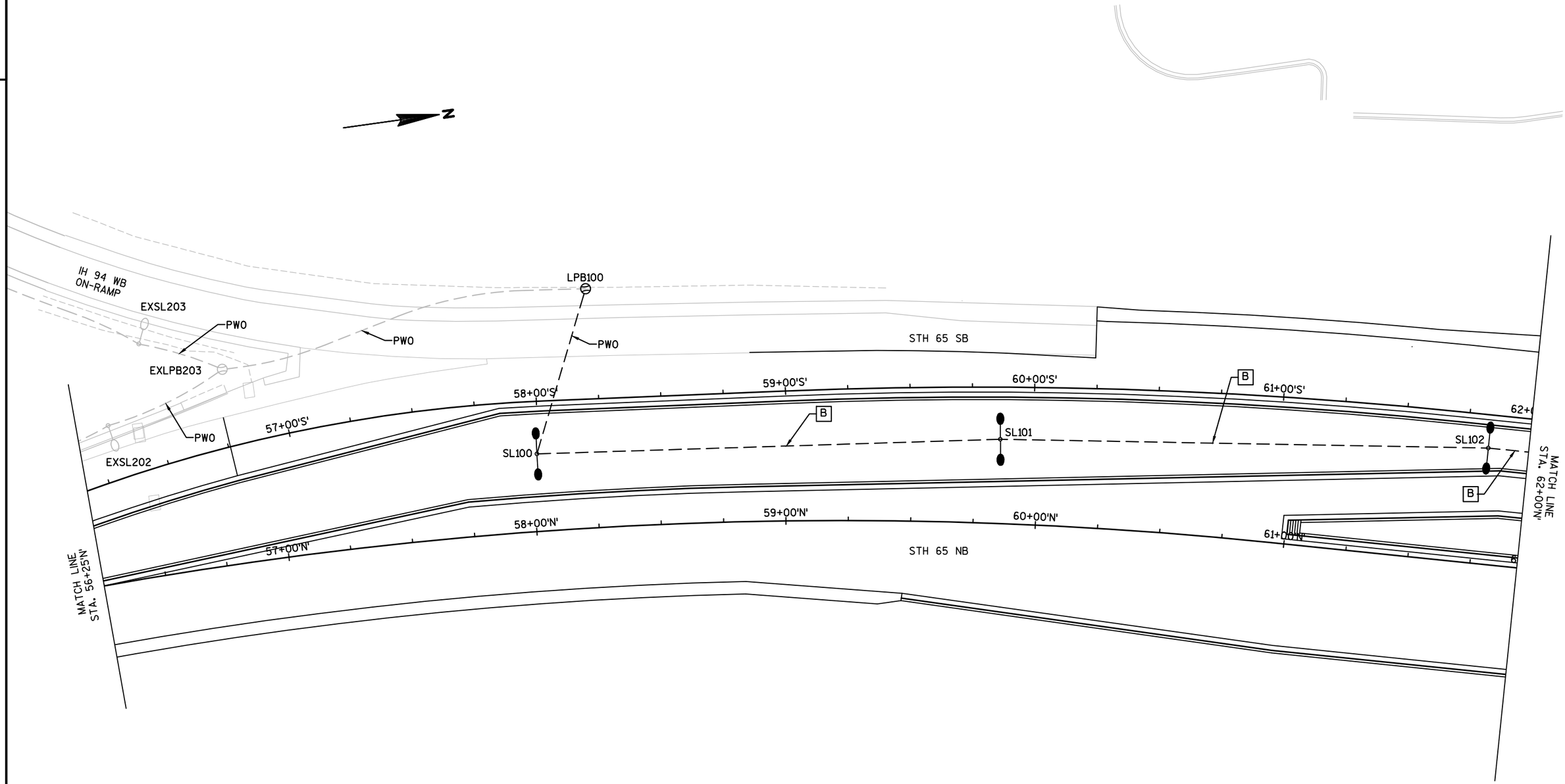
1) REINSTALL SALVAGED STREET LIGHT REMOVED FROM ROADWAY CONSISTING OF TYPE 6 POLE AND 15' ARM.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023601-LP.DWG PLOT DATE : 5/22/2017 5:00 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



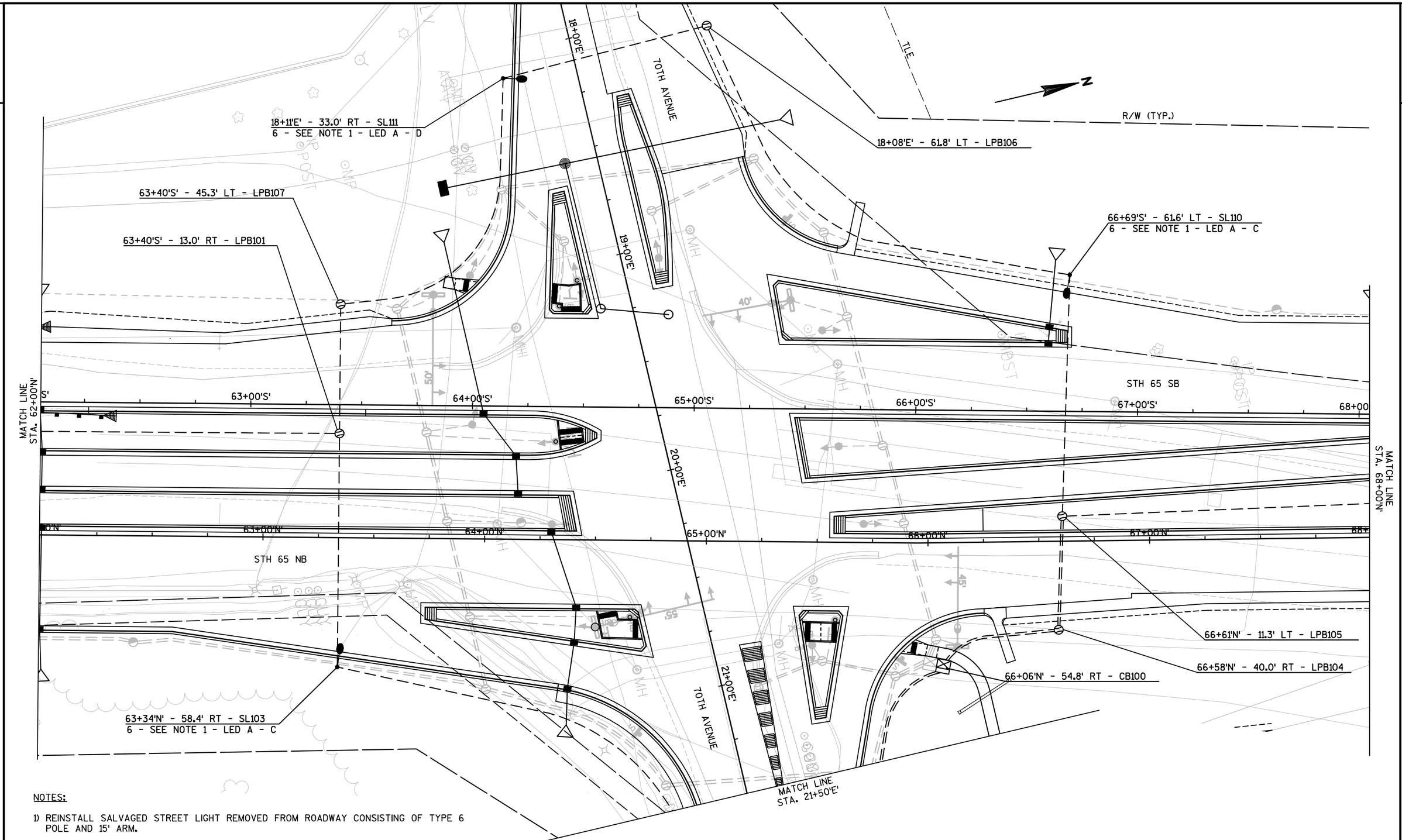
B =	CB100		1	2"
	C	2	#6	1	#6
	D	2	#6	--	--

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023602-LP.DWG PLOT DATE : 5/22/2017 5:02 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



NOTES:

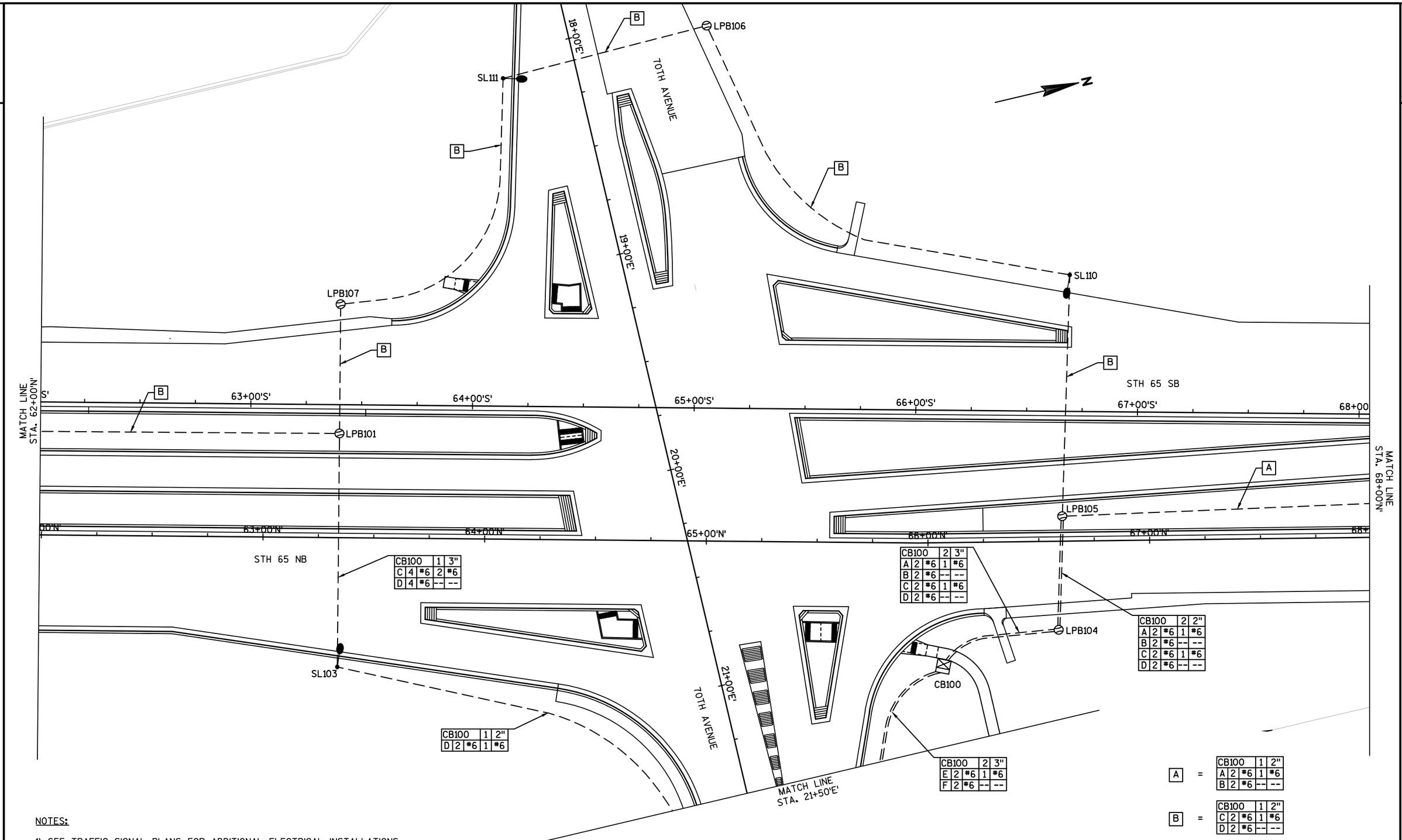
1) REINSTALL SALVAGED STREET LIGHT REMOVED FROM ROADWAY CONSISTING OF TYPE 6 POLE AND 15' ARM.

2) SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL ELECTRICAL INSTALLATIONS.

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023601-LP.DWG PLOT DATE : 5/22/2017 5:00 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



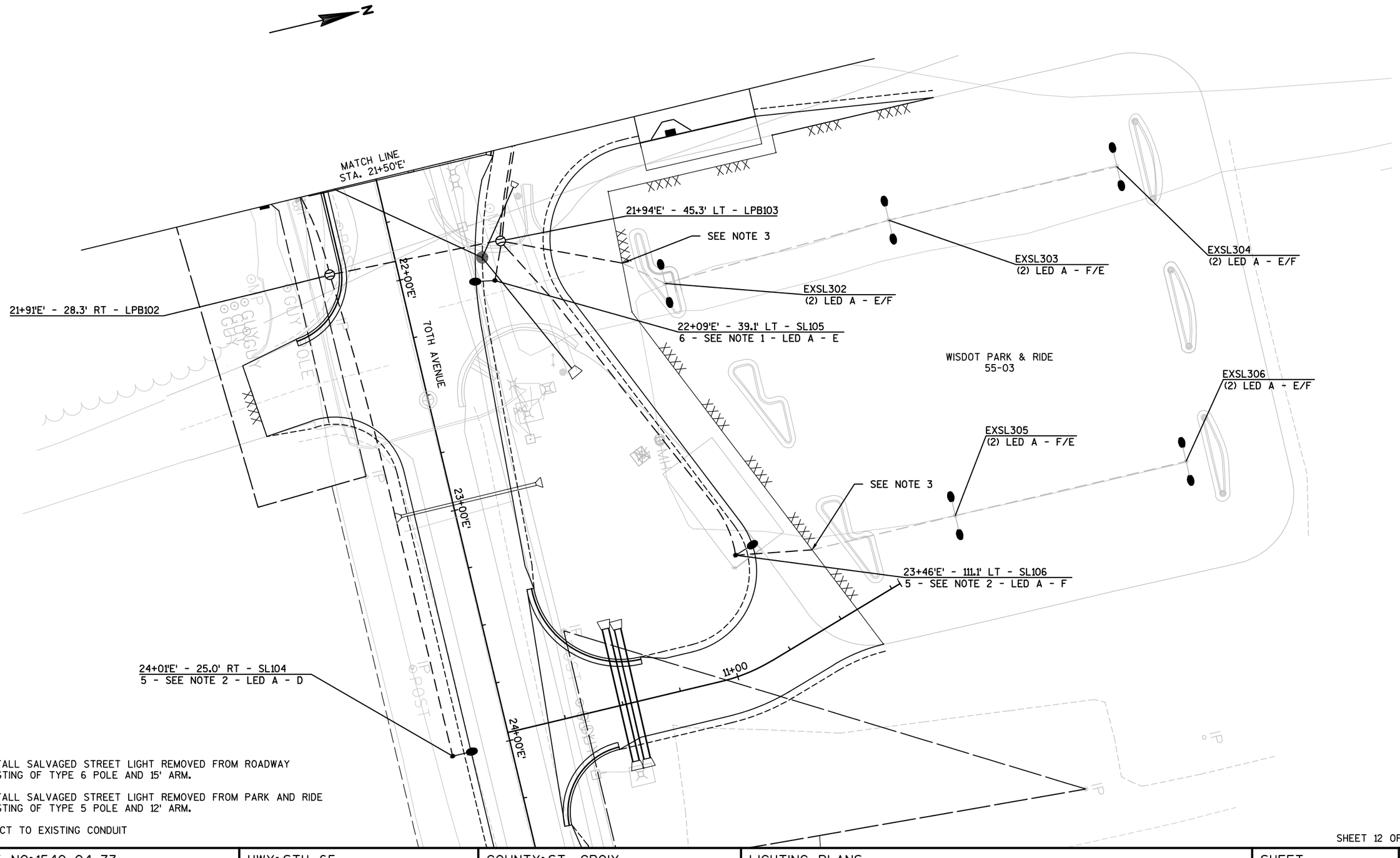
NOTES:

1) SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL ELECTRICAL INSTALLATIONS.

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023602-LP.DWG PLOT DATE : 5/22/2017 5:02 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



NOTES:

1) REINSTALL SALVAGED STREET LIGHT REMOVED FROM ROADWAY CONSISTING OF TYPE 6 POLE AND 15' ARM.

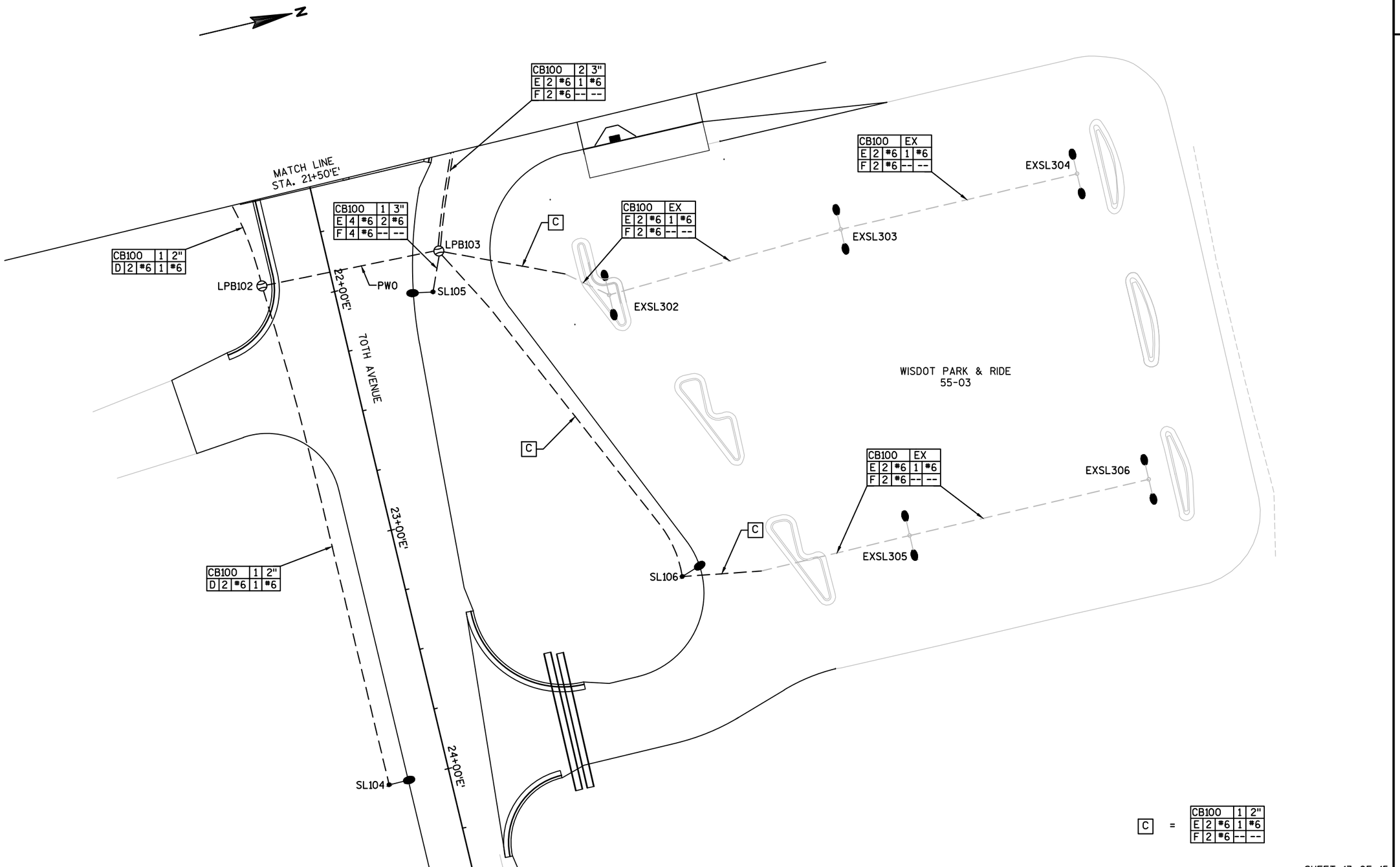
2) REINSTALL SALVAGED STREET LIGHT REMOVED FROM PARK AND RIDE CONSISTING OF TYPE 5 POLE AND 12' ARM.

3) CONNECT TO EXISTING CONDUIT

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023601-LP.DWG PLOT DATE : 5/22/2017 5:00 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



SHEET 13 OF 15

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023602-LP.DWG PLOT DATE : 5/22/2017 5:02 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

R/W (TYP.)

STH 65 SB

MATCH LINE
STA. 68+00'N'

69+00'S'

70+00'S'

71+00'S'

72+00'S'

73+00'S'

74+00'S'

69+00'N'

70+00'N'

71+00'N

72+00'N

73+00'N

74+00'N

STH 65 NB

66+31'N' - 16.2' LT - SL107
6 - 6 - 15 - (2) LED A - A/B

70+66'N' - 21.3' LT - SL108
6 - 6 - 15 - (2) LED A - B/A

73+41'N' - 12.6' LT - SL109
6 - 6 - 15 - (2) LED A - A/B

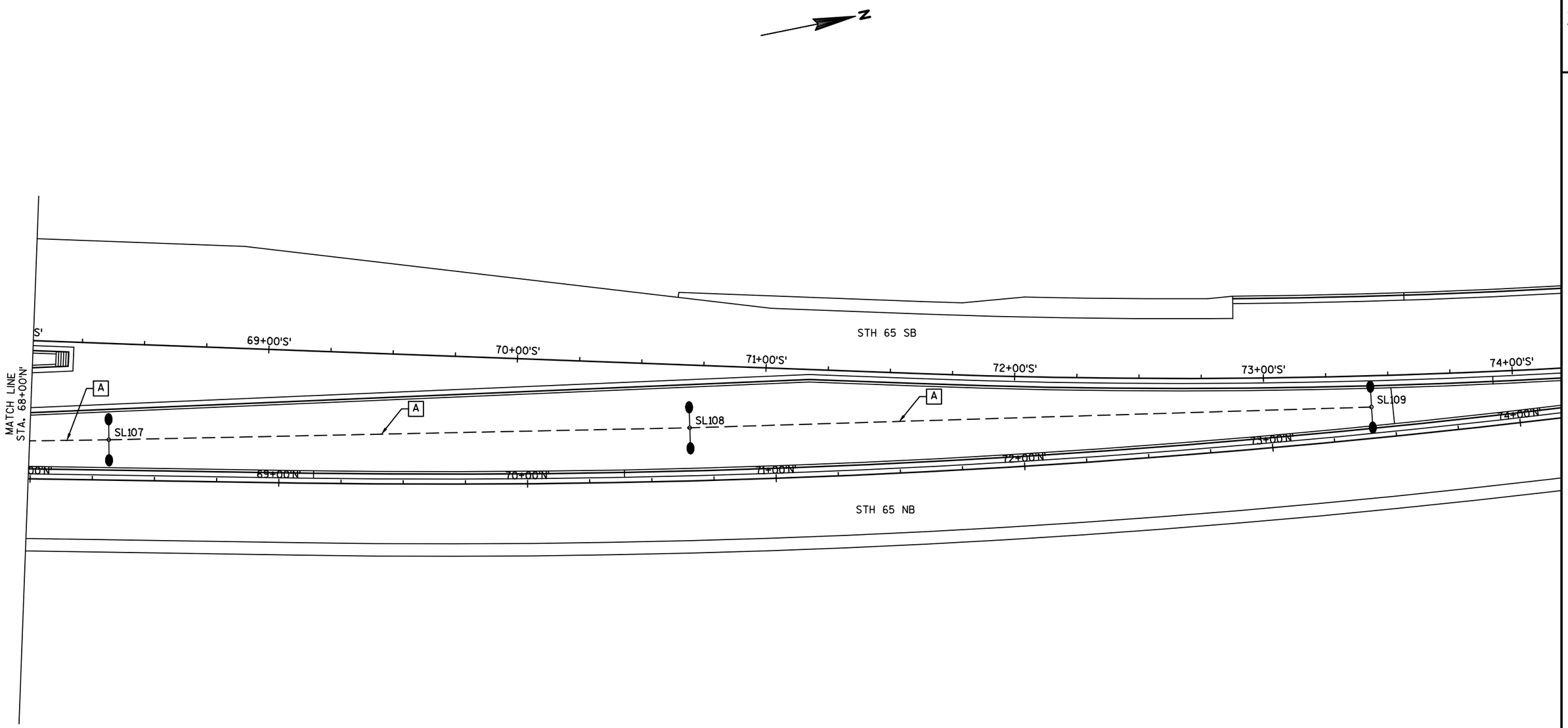
POST

SHEET 14 OF 15

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\023601-LP.DWG PLOT DATE : 5/22/2017 5:00 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



A	=	CB100		1	2"
		A	2	#6	1	#6
		B	2	#6	--	--

SHEET 15 OF 15

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	LIGHTING PLANS	SHEET	E

2

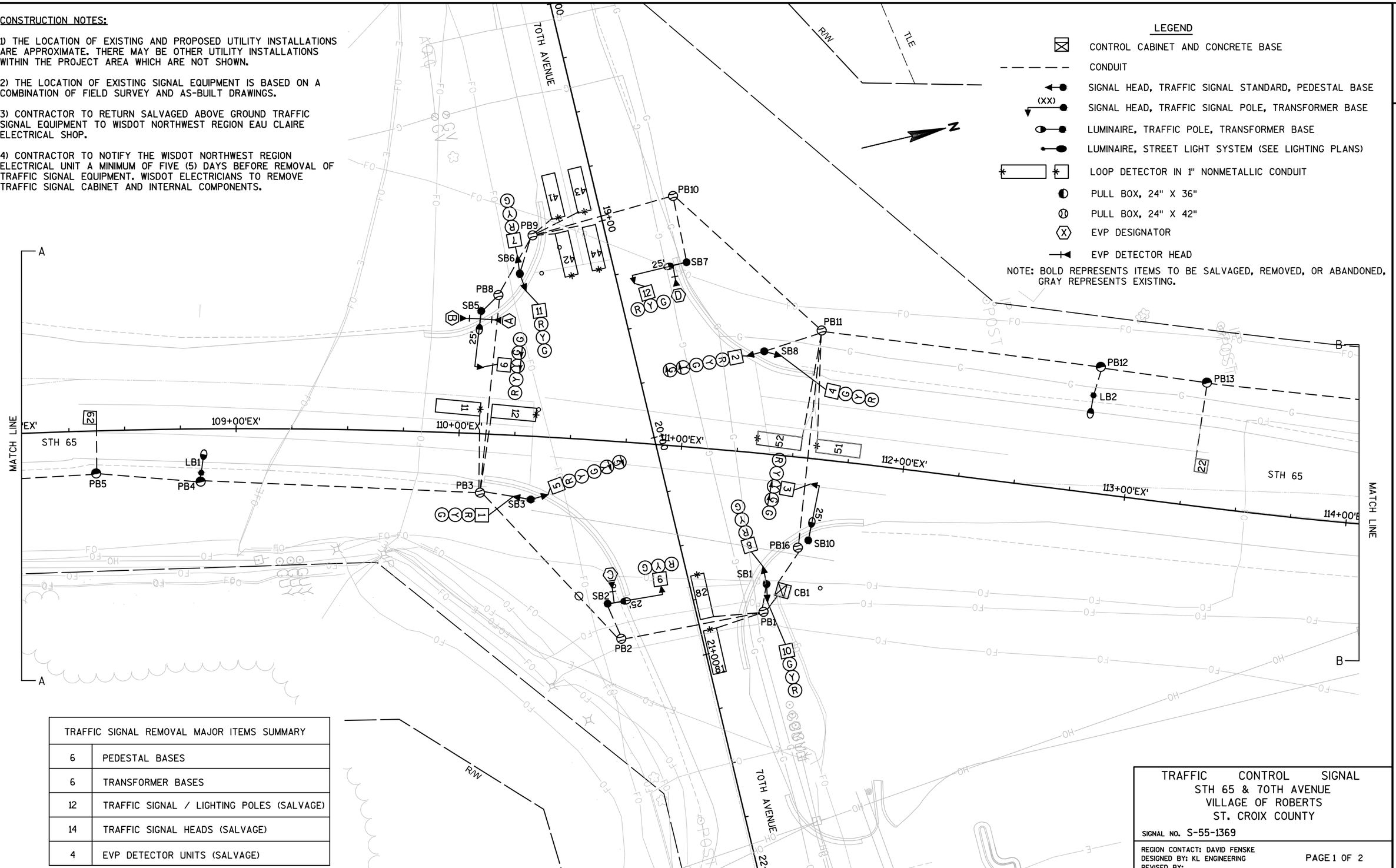
CONSTRUCTION NOTES:

1) THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN.

2) THE LOCATION OF EXISTING SIGNAL EQUIPMENT IS BASED ON A COMBINATION OF FIELD SURVEY AND AS-BUILT DRAWINGS.

3) CONTRACTOR TO RETURN SALVAGED ABOVE GROUND TRAFFIC SIGNAL EQUIPMENT TO WISDOT NORTHWEST REGION EAU CLAIRE ELECTRICAL SHOP.

4) CONTRACTOR TO NOTIFY THE WISDOT NORTHWEST REGION ELECTRICAL UNIT A MINIMUM OF FIVE (5) DAYS BEFORE REMOVAL OF TRAFFIC SIGNAL EQUIPMENT. WISDOT ELECTRICIANS TO REMOVE TRAFFIC SIGNAL CABINET AND INTERNAL COMPONENTS.



TRAFFIC SIGNAL REMOVAL MAJOR ITEMS SUMMARY	
6	PEDESTAL BASES
6	TRANSFORMER BASES
12	TRAFFIC SIGNAL / LIGHTING POLES (SALVAGE)
14	TRAFFIC SIGNAL HEADS (SALVAGE)
4	EVP DETECTOR UNITS (SALVAGE)

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. S-55-1369

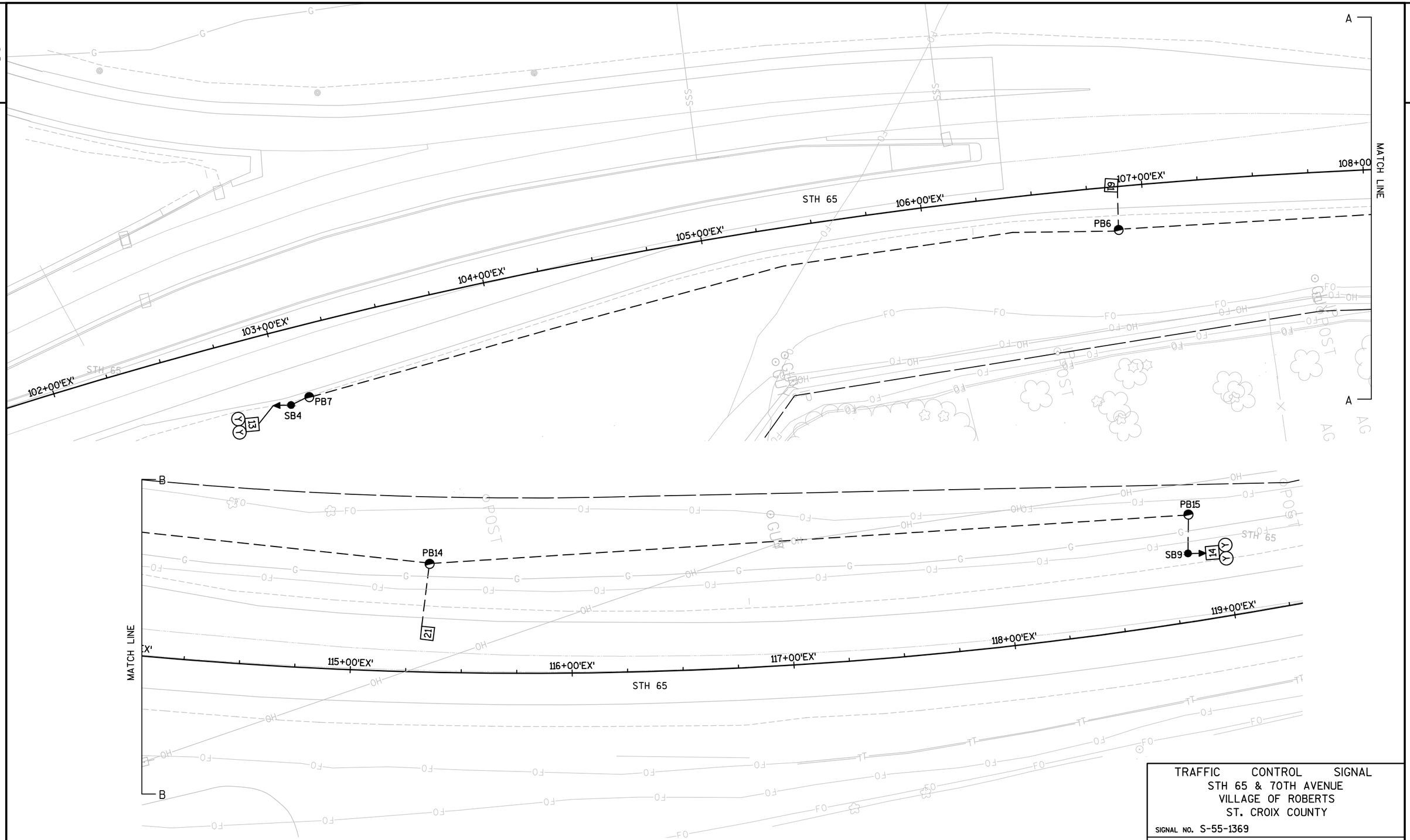
REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: _____

PAGE 1 OF 2

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC SIGNAL REMOVAL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024001-SR.DWG PLOT DATE : 4/28/2017 2:18 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



2

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. S-55-1369

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: _____

PAGE 2 OF 2

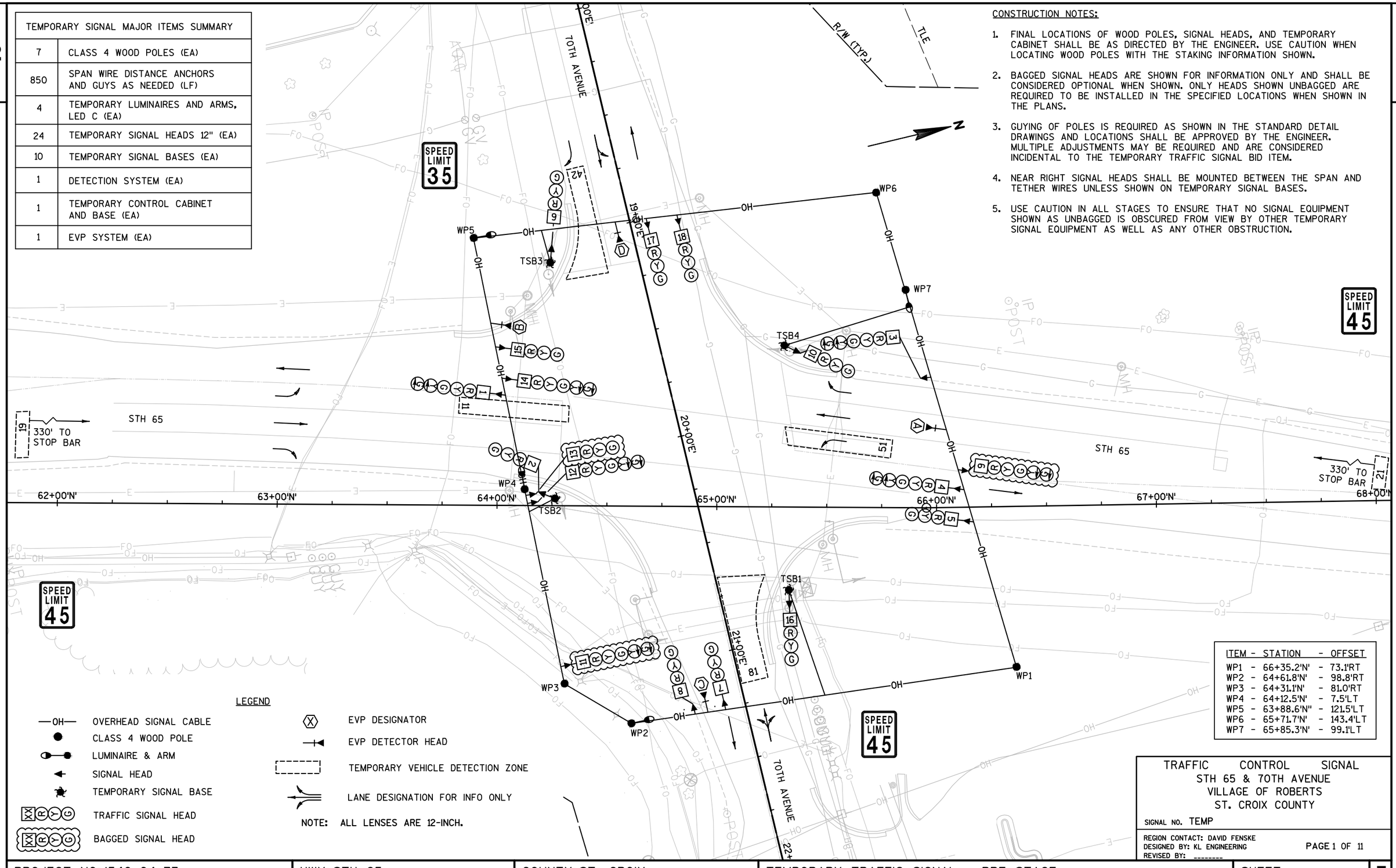
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC SIGNAL REMOVAL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024001-SR.DWG PLOT DATE : 4/28/2017 2:19 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

TEMPORARY SIGNAL MAJOR ITEMS SUMMARY	
7	CLASS 4 WOOD POLES (EA)
850	SPAN WIRE DISTANCE ANCHORS AND GUYS AS NEEDED (LF)
4	TEMPORARY LUMINAIRES AND ARMS, LED C (EA)
24	TEMPORARY SIGNAL HEADS 12" (EA)
10	TEMPORARY SIGNAL BASES (EA)
1	DETECTION SYSTEM (EA)
1	TEMPORARY CONTROL CABINET AND BASE (EA)
1	EVP SYSTEM (EA)

CONSTRUCTION NOTES:

1. FINAL LOCATIONS OF WOOD POLES, SIGNAL HEADS, AND TEMPORARY CABINET SHALL BE AS DIRECTED BY THE ENGINEER. USE CAUTION WHEN LOCATING WOOD POLES WITH THE STAKING INFORMATION SHOWN.
2. BAGGED SIGNAL HEADS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE CONSIDERED OPTIONAL WHEN SHOWN. ONLY HEADS SHOWN UNBAGGED ARE REQUIRED TO BE INSTALLED IN THE SPECIFIED LOCATIONS WHEN SHOWN IN THE PLANS.
3. GUYING OF POLES IS REQUIRED AS SHOWN IN THE STANDARD DETAIL DRAWINGS AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER. MULTIPLE ADJUSTMENTS MAY BE REQUIRED AND ARE CONSIDERED INCIDENTAL TO THE TEMPORARY TRAFFIC SIGNAL BID ITEM.
4. NEAR RIGHT SIGNAL HEADS SHALL BE MOUNTED BETWEEN THE SPAN AND TETHER WIRES UNLESS SHOWN ON TEMPORARY SIGNAL BASES.
5. USE CAUTION IN ALL STAGES TO ENSURE THAT NO SIGNAL EQUIPMENT SHOWN AS UNBAGGED IS OBSCURED FROM VIEW BY OTHER TEMPORARY SIGNAL EQUIPMENT AS WELL AS ANY OTHER OBSTRUCTION.



LEGEND

—OH— OVERHEAD SIGNAL CABLE	EVP DESIGNATOR
CLASS 4 WOOD POLE	EVP DETECTOR HEAD
LUMINAIRE & ARM	TEMPORARY VEHICLE DETECTION ZONE
SIGNAL HEAD	LANE DESIGNATION FOR INFO ONLY
TEMPORARY SIGNAL BASE	
TRAFFIC SIGNAL HEAD	
BAGGED SIGNAL HEAD	

NOTE: ALL LENSES ARE 12-INCH.

ITEM - STATION - OFFSET	
WP1	66+35.2'N - 73.1'RT
WP2	64+61.8'N - 98.8'RT
WP3	64+31.1'N - 81.0'RT
WP4	64+12.5'N - 7.5'LT
WP5	63+88.6'N" - 121.5'LT
WP6	65+71.7'N - 143.4'LT
WP7	65+85.3'N - 99.1'LT

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. TEMP

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

PAGE 1 OF 11

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - PRE STAGE	SHEET	E

2

70TH AVENUE

R/W (TYP.)

TLE

N

SPEED LIMIT 35

SPEED LIMIT 45

SPEED LIMIT 45

SPEED LIMIT 45

STH 65

330' TO STOP BAR

330' TO STOP BAR

62+00'N'

63+00'N'

64+00'N'

65+00'N'

66+00'N'

67+00'N'

68+00'N

20+00'E'

19+00'E'

21+00'E'

22+

WP1

WP2

WP3

WP4

WP5

WP6

WP7

TSB1

TSB2

TSB3

TSB4

OH

LEGEND

—OH— OVERHEAD SIGNAL CABLE	EVP DESIGNATOR
CLASS 4 WOOD POLE	EVP DETECTOR HEAD
LUMINAIRE & ARM	TEMPORARY VEHICLE DETECTION ZONE
SIGNAL HEAD	LANE DESIGNATION FOR INFO ONLY
TEMPORARY SIGNAL BASE	
TRAFFIC SIGNAL HEAD	
BAGGED SIGNAL HEAD	

NOTE: ALL LENSES ARE 12-INCH.

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. TEMP

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

PAGE 2 OF 11

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - STAGE 1	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_S1-ST.DWG PLOT DATE : 5/31/2017 3:03 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

70TH AVENUE

R/W (TYP.)

TLE

N

SPEED LIMIT 35

SPEED LIMIT 45

SPEED LIMIT 45

SPEED LIMIT 45

STH 65

61 330' TO STOP BAR

STH 65

51

21 330' TO STOP BAR

62+00'N'

63+00'N'

64+00'N'

65+00'N'

66+00'N'

67+00'N'

68+00'N'

19+00'E'

20+00'E'

21+00'E'

22+00'E'

WP1

WP2

WP3

WP4

WP5

WP6

WP7

TSB1

TSB2

TSB3

TSB4

OH

IP ON POST

IP ON POST

LEGEND

—OH— OVERHEAD SIGNAL CABLE	EVP DESIGNATOR
CLASS 4 WOOD POLE	EVP DETECTOR HEAD
LUMINAIRE & ARM	TEMPORARY VEHICLE DETECTION ZONE
SIGNAL HEAD	LANE DESIGNATION FOR INFO ONLY
TEMPORARY SIGNAL BASE	
TRAFFIC SIGNAL HEAD	
BAGGED SIGNAL HEAD	

NOTE: ALL LENSES ARE 12-INCH.

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. TEMP

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: _____

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - STAGE 2	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_S2-ST.DWG PLOT DATE : 5/31/2017 3:05 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

70TH AVENUE

R/W (TYP.)

TLE

N

SPEED LIMIT 35

SPEED LIMIT 45

SPEED LIMIT 45

SPEED LIMIT 45

WP1

WP2

WP3

WP4

WP5

WP6

WP7

TSB1

TSB2

TSB3

TSB4

TSB5

OH

19+00E'

20+00E'

21+00E'

22+

62+00'N

63+00'N

64+00'N

65+00'N

66+00'N

67+00'N

68+00'N

STH 65

330' TO STOP BAR

330' TO STOP BAR

51

81

11

41

42

LEGEND

—OH— OVERHEAD SIGNAL CABLE	EVP DESIGNATOR
CLASS 4 WOOD POLE	EVP DETECTOR HEAD
LUMINAIRE & ARM	TEMPORARY VEHICLE DETECTION ZONE
SIGNAL HEAD	LANE DESIGNATION FOR INFO ONLY
TEMPORARY SIGNAL BASE	
TRAFFIC SIGNAL HEAD	
BAGGED SIGNAL HEAD	

NOTE: ALL LENSES ARE 12-INCH.

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. TEMP

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: _____

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - STAGE 2A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_S2A-ST.DWG PLOT DATE : 5/31/2017 3:07 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

70TH AVENUE

R/W (TYP.)

TLE

SPEED LIMIT 35

SPEED LIMIT 45

SPEED LIMIT 45

SPEED LIMIT 45

STH 65

330' TO STOP BAR

330' TO STOP BAR

62+00'N

63+00'N

64+00'N

65+00'N

66+00'N

67+00'N

68+00'N

20+80'E

19+80'E

21+80'E

22+

WP1

WP2

WP3

WP4

WP5

WP6

WP7

TSB1

TSB2

TSB3

TSB4

OH

N

LEGEND

—OH—	OVERHEAD SIGNAL CABLE
●	CLASS 4 WOOD POLE
●—	LUMINAIRE & ARM
◄	SIGNAL HEAD
●	TEMPORARY SIGNAL BASE
R Y G	TRAFFIC SIGNAL HEAD
R Y G	BAGGED SIGNAL HEAD
X	EVP DESIGNATOR
⊣	EVP DETECTOR HEAD
	TEMPORARY VEHICLE DETECTION ZONE
	LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH.

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. TEMP

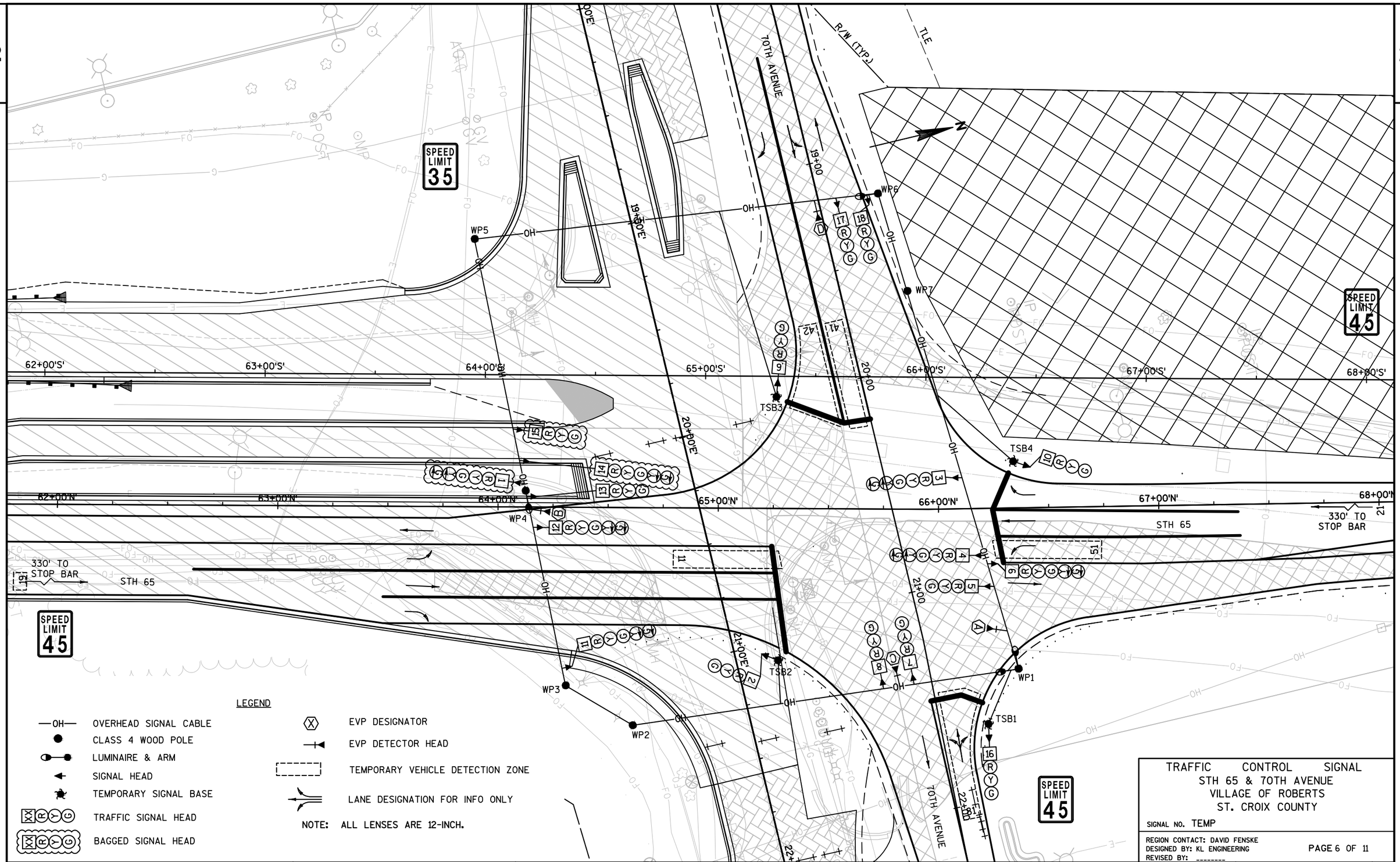
REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

PAGE 5 OF 11

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - STAGE 3	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_S3-ST.DWG PLOT DATE : 5/31/2017 3:08 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

—OH— OVERHEAD SIGNAL CABLE	EVP DESIGNATOR
CLASS 4 WOOD POLE	EVP DETECTOR HEAD
LUMINAIRE & ARM	TEMPORARY VEHICLE DETECTION ZONE
SIGNAL HEAD	LANE DESIGNATION FOR INFO ONLY
TEMPORARY SIGNAL BASE	
TRAFFIC SIGNAL HEAD	
BAGGED SIGNAL HEAD	

NOTE: ALL LENSES ARE 12-INCH.

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

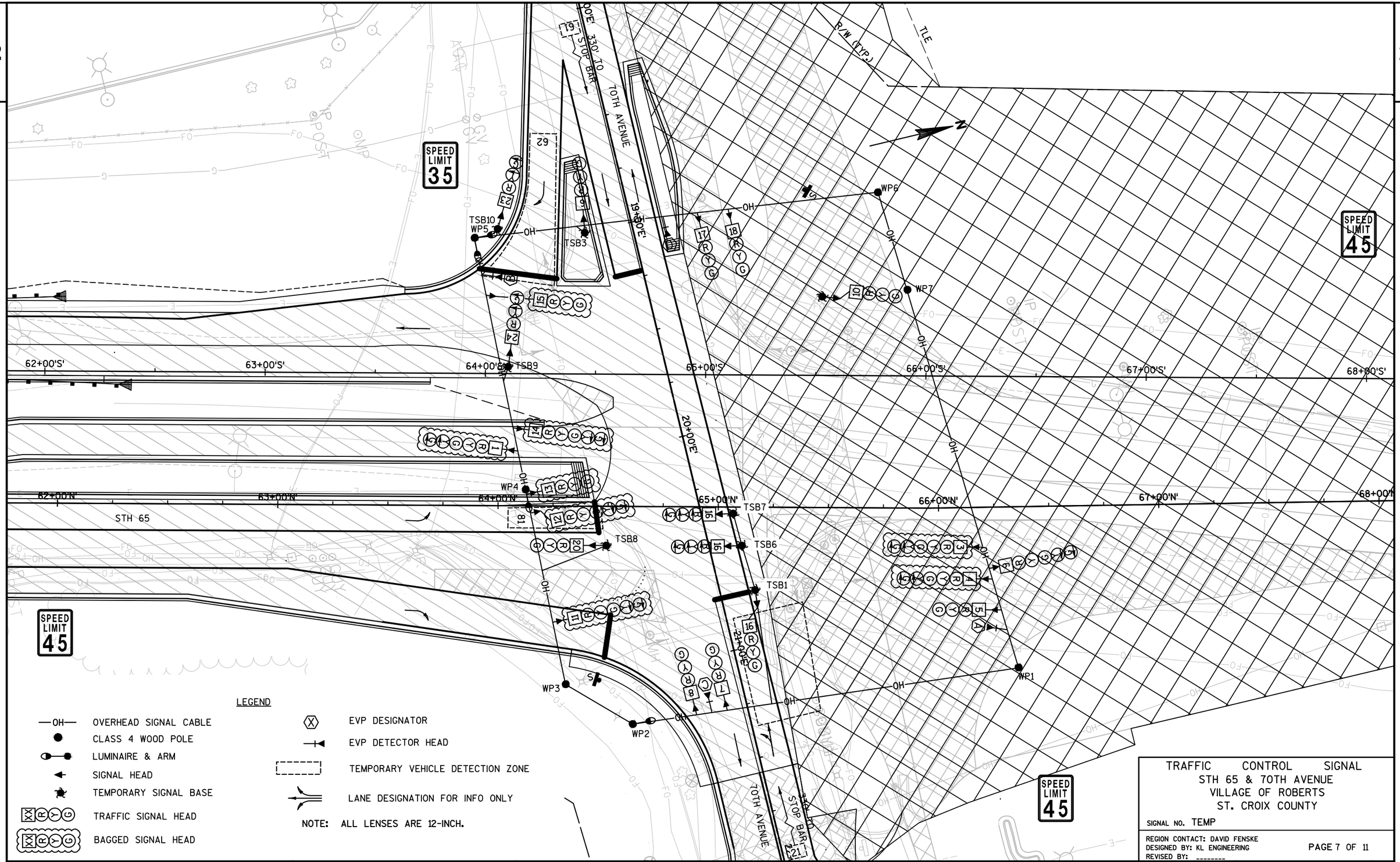
SIGNAL NO. TEMP

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - STAGE 3A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_S3A-ST.DWG PLOT DATE : 5/31/2017 3:10 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

—OH— OVERHEAD SIGNAL CABLE	EVP DESIGNATOR
CLASS 4 WOOD POLE	EVP DETECTOR HEAD
LUMINAIRE & ARM	TEMPORARY VEHICLE DETECTION ZONE
SIGNAL HEAD	LANE DESIGNATION FOR INFO ONLY
TEMPORARY SIGNAL BASE	
TRAFFIC SIGNAL HEAD	
BAGGED SIGNAL HEAD	

NOTE: ALL LENSES ARE 12-INCH.

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

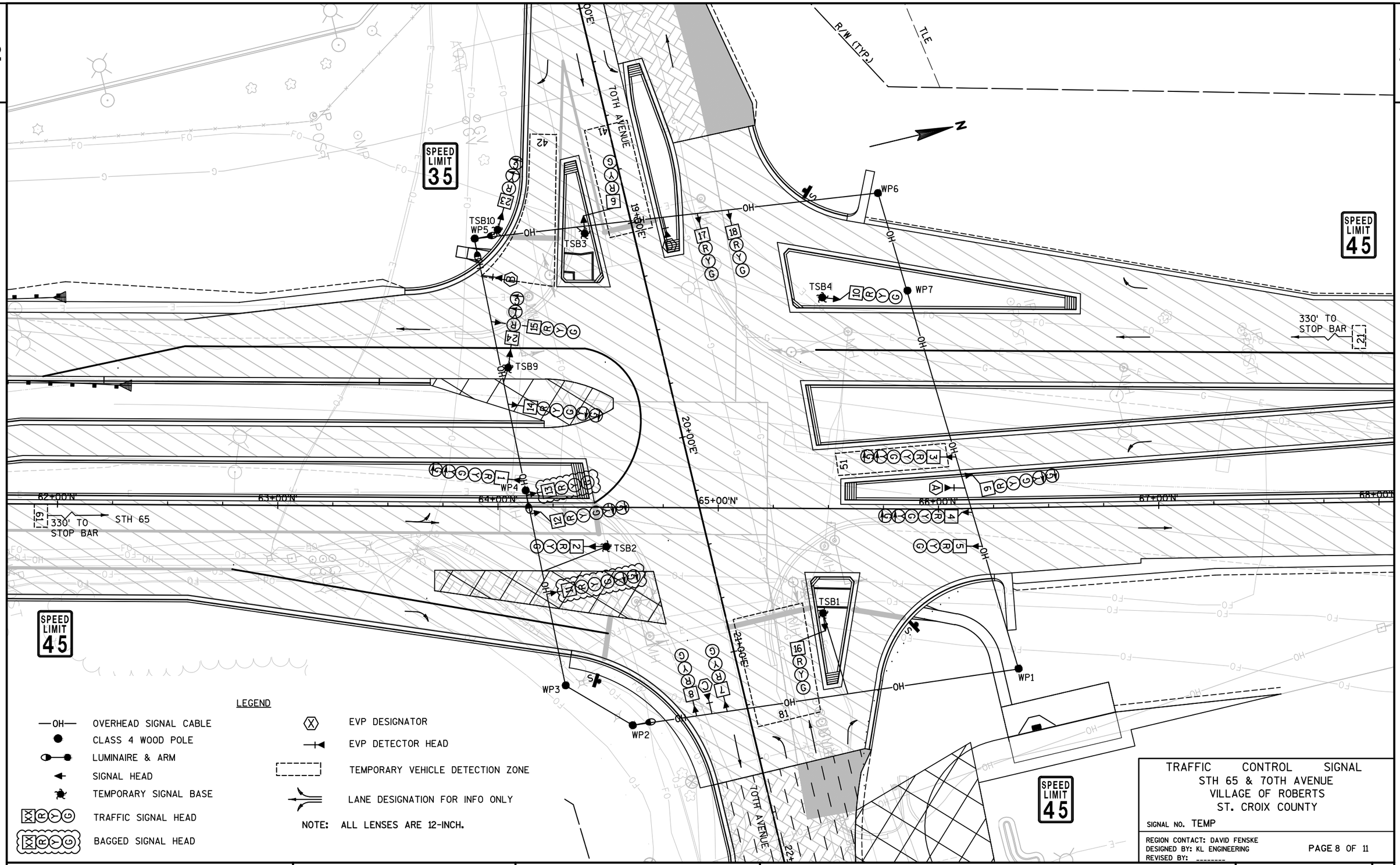
SIGNAL NO. TEMP

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - STAGE 4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_S4-ST.DWG PLOT DATE : 5/31/2017 3:12 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



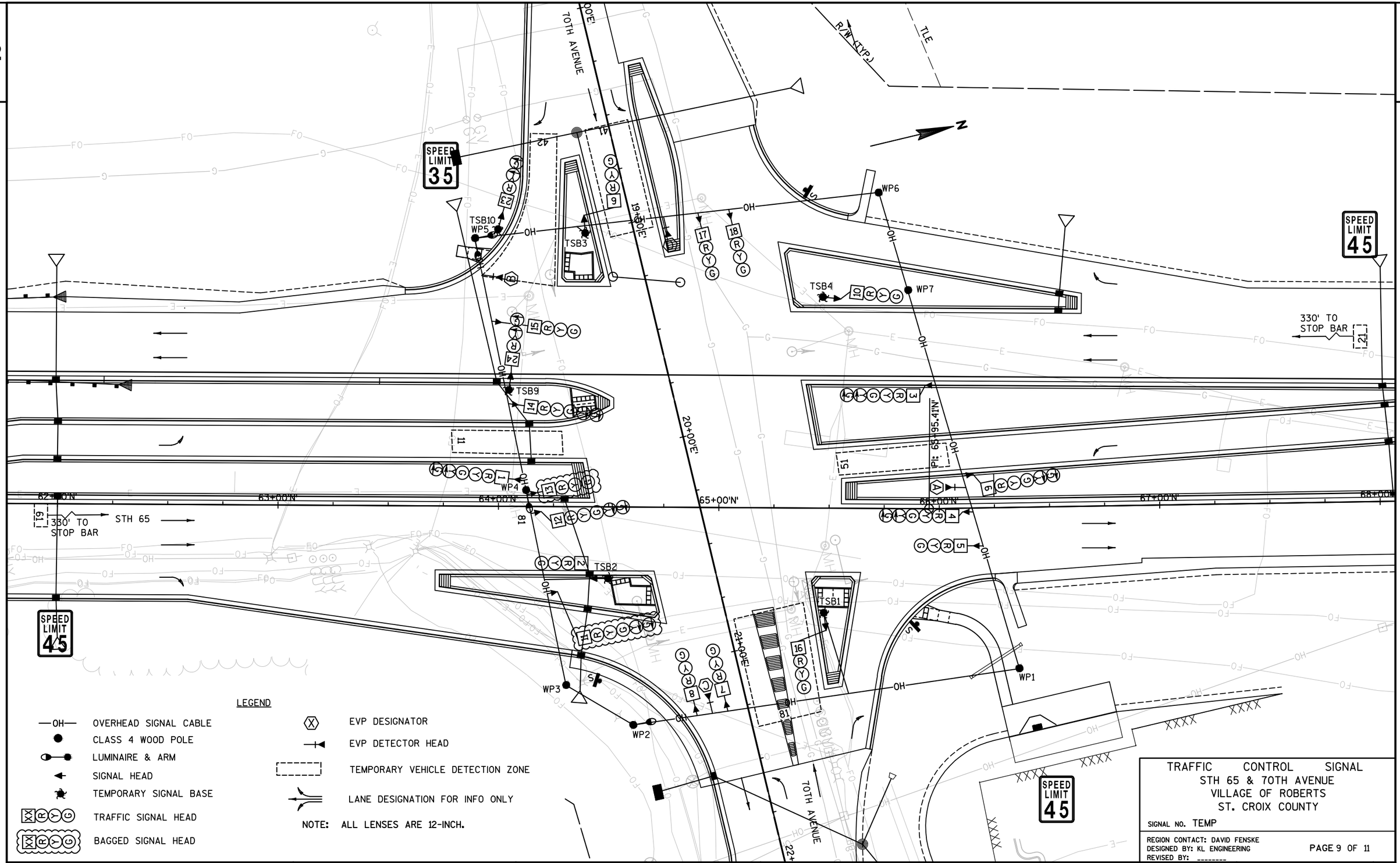
TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. TEMP

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: _____

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - STAGE 4A	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_S4A-ST.DWG PLOT DATE : 5/31/2017 3:14 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY TRAFFIC SIGNAL - POST STAGE	SHEET	E

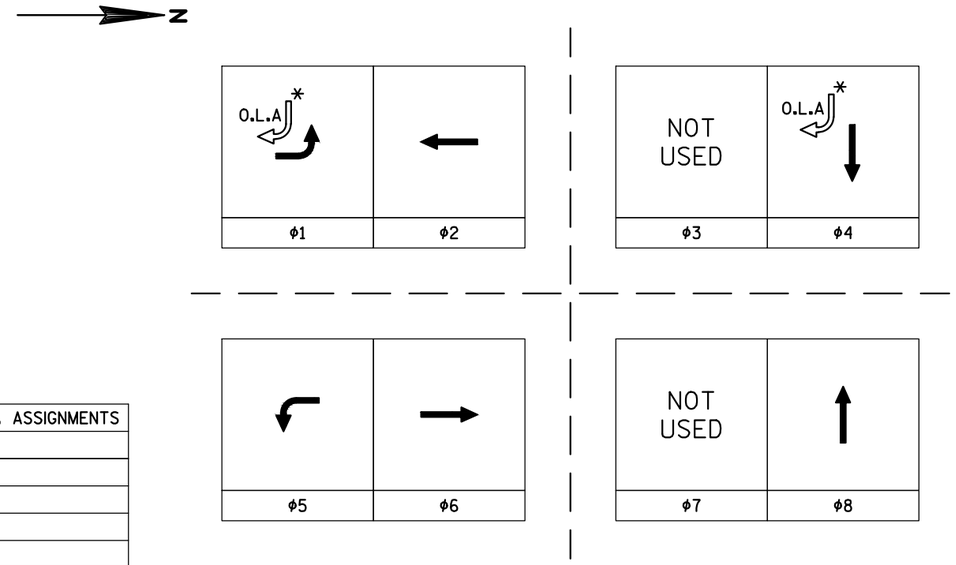
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_POST-ST.DWG PLOT DATE : 5/31/2017 3:15 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

	HEAD NUMBERS	FLASH
ϕ1	1,3,4	
ϕ2	9-15	R
ϕ3		
ϕ4	6-8	R
ϕ5	9,11,12,14,15	
ϕ6	1-4	R
ϕ7		
ϕ8	16-18	R
ϕ2 PED		
ϕ4 PED		
ϕ6 PED		
ϕ8 PED		

O.L. ASSIGNMENTS			
O.L.A*	23-24	R	
O.L.B			
O.L.C			
O.L.D			
O.L.E			
O.L.F			
O.L.G			
O.L.H			

*ACTIVE DURING PHASE 4A TO POST STAGE ONLY



LEGEND

PHASE OVERLAP O.L. B FLASHING YELLOW O.L. B

* ACTIVE DURING STAGE 6 TO POST STAGE ONLY.

EMERGENCY VEHICLE PREEMPTION ASSIGNMENTS				
EMERGENCY VEHICLE DETECTOR	A	B	C	D
PREEMPTION CHANNEL	3	4	5	6
MOVEMENT			*	
DIRECTION	NB	SB	EB	WB
PHASES	1+6	2+5	4+O.L.A	8

EVP NOTES:

1. FULL CLEARANCE AND MINIMUM GREEN INTERVALS SHALL ALWAYS BE PROVIDED.
2. EACH PREEMPTION SEQUENCE SHALL TERMINATE WITH AN ALL-RED INTERVAL.

CONTROLLER LOGIC

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

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

CENTRAL SYSTEM
LOCATION OF MASTER CONTROLLER NO.: N/A
SIGNAL SYSTEM #: N/A

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

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29
DETECTOR #(S)	11	21	41	42	61	81										
PHASE CALLED	1	2	4	4	6	6										
PHASE EXTENDED	1	2	4	4	6	6										
DISCONNECT TIME																
CALLING DELAY				16.0												
EXTENSION STRETCH																
LOOP FUNCTION																

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30
DETECTOR #(S)																
PHASE CALLED																
PHASE EXTENDED																
DISCONNECT TIME																
CALLING DELAY																
EXTENSION STRETCH																
LOOP FUNCTION																

TYPE OF INTERCONNECT	
NONE	X
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	

TYPE OF REMOTE COMMUNICATION	
NONE	X
FIBER	
CELL MODEM	
PHONE	

TEMPORARY TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY
SIGNAL NO. TEMP

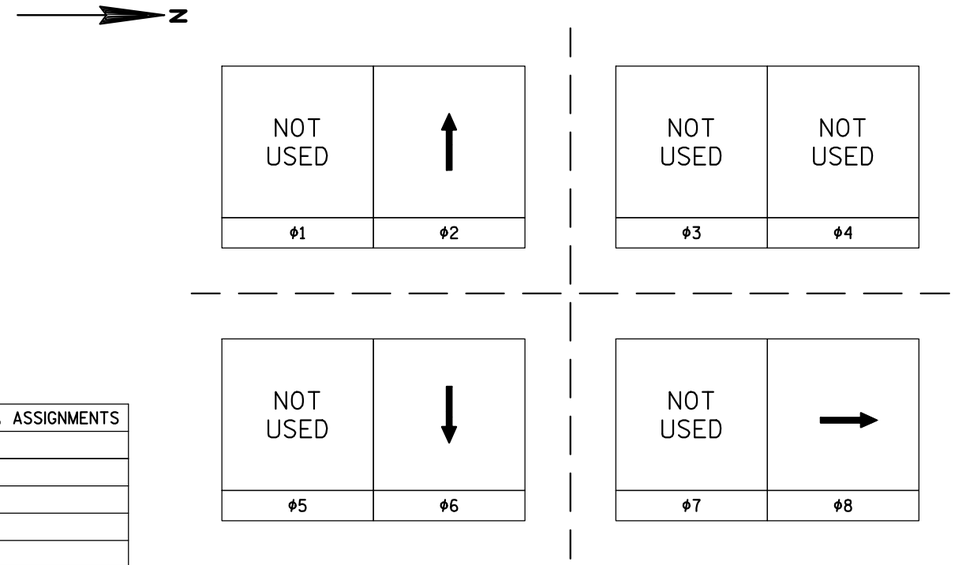
REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY:

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY SEQ. OF OPERATIONS - PRE STAGE-S3A & 4A-POST	SHEET	E

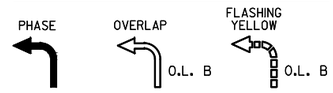
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_PH_ST.DWG PLOT DATE : 5/31/2017 3:19 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********
LAYOUT NAME - 024301-PH - SEQUENCE
WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
ϕ1		
ϕ2	16-18	R
ϕ3		
ϕ4		
ϕ5		
ϕ6	6-8,23,24	R
ϕ7		
ϕ8	20-22	R
ϕ2 PED		
ϕ4 PED		
ϕ6 PED		
ϕ8 PED		

O.L. ASSIGNMENTS		
O.L.A*		
O.L.B		
O.L.C		
O.L.D		
O.L.E		
O.L.F		
O.L.G		
O.L.H		



LEGEND



* ACTIVE DURING STAGE 6 TO POST STAGE ONLY.

EMERGENCY VEHICLE PREEMPTION ASSIGNMENTS				
EMERGENCY VEHICLE DETECTOR	A	B	C	D
PREEMPTION CHANNEL	3	-	5	6
MOVEMENT		-		
DIRECTION	NB	-	EB	WB
PHASES	8	-	6	2

EVP NOTES:

1. FULL CLEARANCE AND MINIMUM GREEN INTERVALS SHALL ALWAYS BE PROVIDED.
2. EACH PREEMPTION SEQUENCE SHALL TERMINATE WITH AN ALL-RED INTERVAL.

CONTROLLER LOGIC

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

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

CENTRAL SYSTEM
LOCATION OF MASTER
CONTROLLER NO.: N/A
SIGNAL SYSTEM *: N/A

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

TYPE OF INTERCONNECT	
NONE	X
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	

TYPE OF REMOTE COMMUNICATION	
NONE	X
FIBER	
CELL MODEM	
PHONE	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
DETECTOR *(S)	21	61	81														DETECTOR *(S)
PHASE CALLED	2	6	6														PHASE CALLED
PHASE EXTENDED	2	6	6														PHASE EXTENDED
DISCONNECT TIME																	DISCONNECT TIME
CALLING DELAY																	CALLING DELAY
EXTENSION STRETCH																	EXTENSION STRETCH
LOOP FUNCTION																	LOOP FUNCTION

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
DETECTOR *(S)																	DETECTOR *(S)
PHASE CALLED																	PHASE CALLED
PHASE EXTENDED																	PHASE EXTENDED
DISCONNECT TIME																	DISCONNECT TIME
CALLING DELAY																	CALLING DELAY
EXTENSION STRETCH																	EXTENSION STRETCH
LOOP FUNCTION																	LOOP FUNCTION

TEMPORARY TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY
SIGNAL NO. TEMP

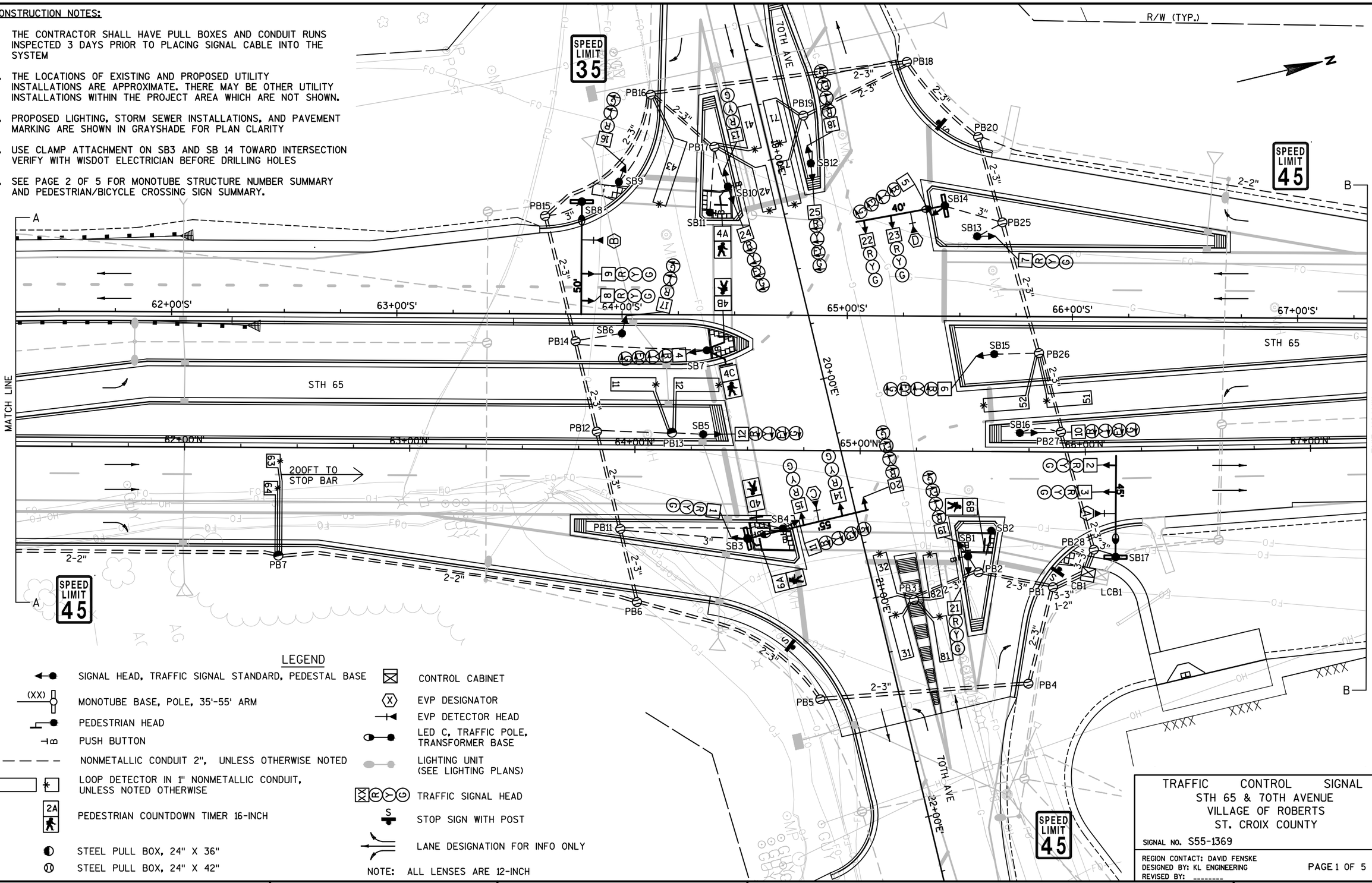
REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY:

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TEMPORARY SEQ. OF OPERATIONS - S4	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024101_PH_ST.DWG PLOT DATE : 5/31/2017 3:19 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********
LAYOUT NAME - 024301-PH - SEQUENCE

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL HAVE PULL BOXES AND CONDUIT RUNS INSPECTED 3 DAYS PRIOR TO PLACING SIGNAL CABLE INTO THE SYSTEM
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN.
3. PROPOSED LIGHTING, STORM SEWER INSTALLATIONS, AND PAVEMENT MARKING ARE SHOWN IN GRAYSHADE FOR PLAN CLARITY
4. USE CLAMP ATTACHMENT ON SB3 AND SB 14 TOWARD INTERSECTION VERIFY WITH WISDOT ELECTRICIAN BEFORE DRILLING HOLES
5. SEE PAGE 2 OF 5 FOR MONOTUBE STRUCTURE NUMBER SUMMARY AND PEDESTRIAN/BICYCLE CROSSING SIGN SUMMARY.



LEGEND

- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD
- PUSH BUTTON
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT, UNLESS NOTED OTHERWISE
- 2A PEDESTRIAN COUNTDOWN TIMER 16-INCH
- STEEL PULL BOX, 24" X 36"
- STEEL PULL BOX, 24" X 42"
- CONTROL CABINET
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- LED C, TRAFFIC POLE, TRANSFORMER BASE
- LIGHTING UNIT (SEE LIGHTING PLANS)
- TRAFFIC SIGNAL HEAD
- S STOP SIGN WITH POST
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH

TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. S55-1369

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

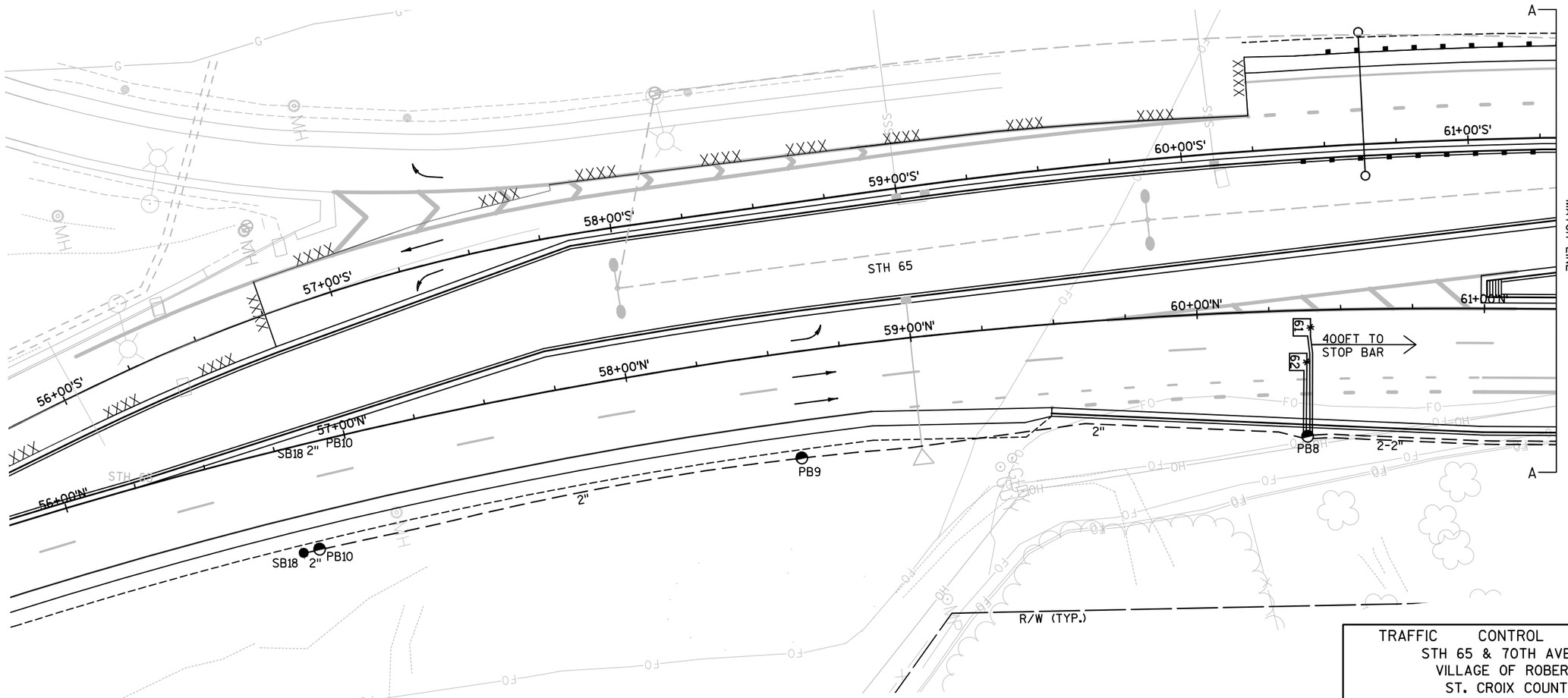
PAGE 1 OF 5

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC SIGNAL PLAN	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024201-SP.DWG PLOT DATE : 5/1/2017 12:26 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

SIGNAL BASE	MONOTUBE NO.
SB3	S-53-1369-01
SB8	S-53-1369-02
SB14	S-53-1369-03
SB17	S-53-1369-04

PEDESTRIAN/BICYCLIST CROSSING SIGN SUMMARY		
BASE	SIGN CODE	SIGN TO FACE
SB1	R10-3ER	WEST
SB1	R10-26	SOUTH
SB3	R10-3ER	NORTH
SB4	R10-3EL	EAST
SB7	R10-3ED	NORTH
SB10	R10-26	NORTH
SB11	R10-3EL	NORTH



TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

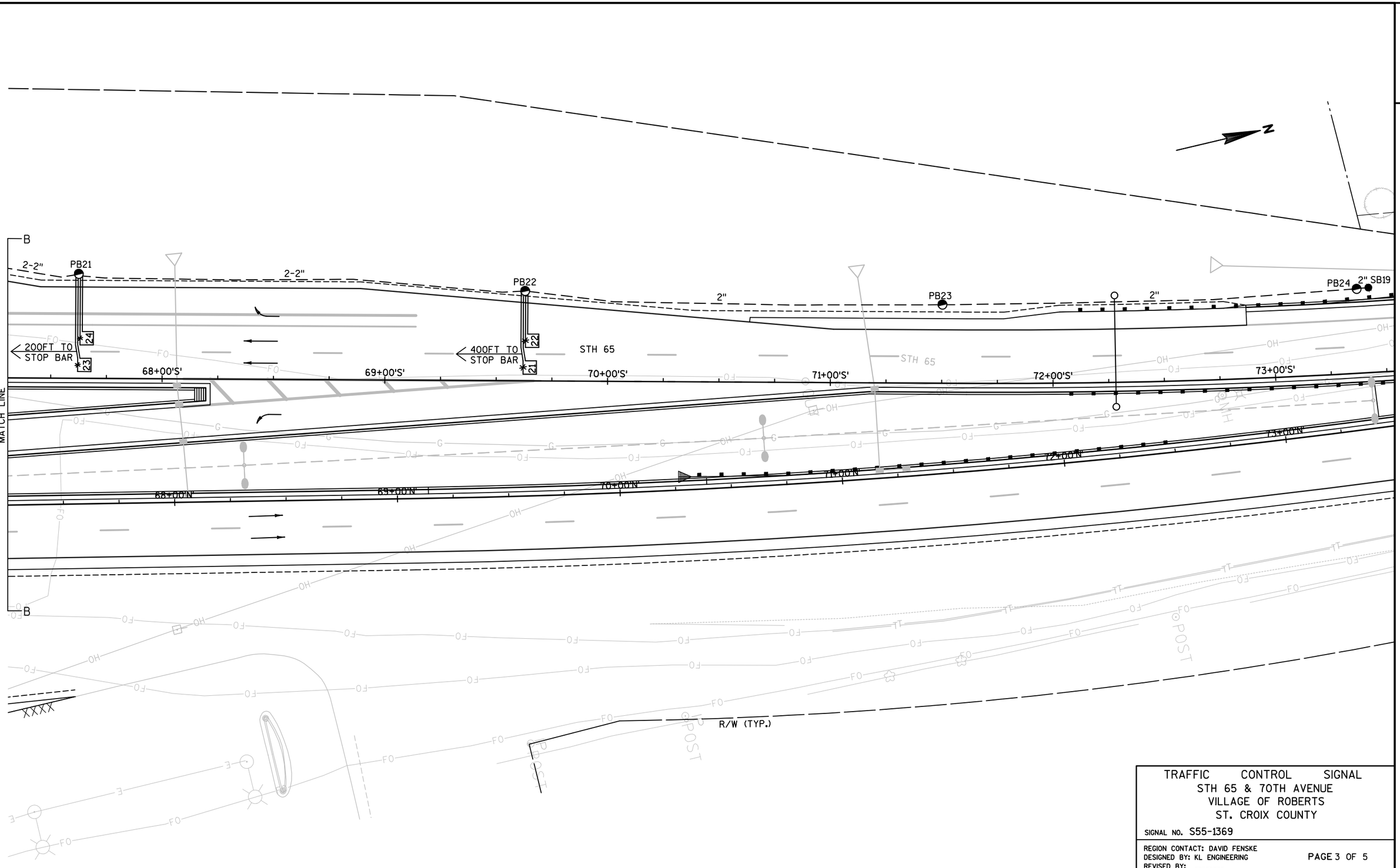
SIGNAL NO. S55-1369

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

PAGE 2 OF 5

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC SIGNAL PLAN	SHEET	E

2



TRAFFIC CONTROL SIGNAL
STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. S55-1369

REGION CONTACT: DAVID FENSKE
DESIGNED BY: KL ENGINEERING
REVISED BY: --------

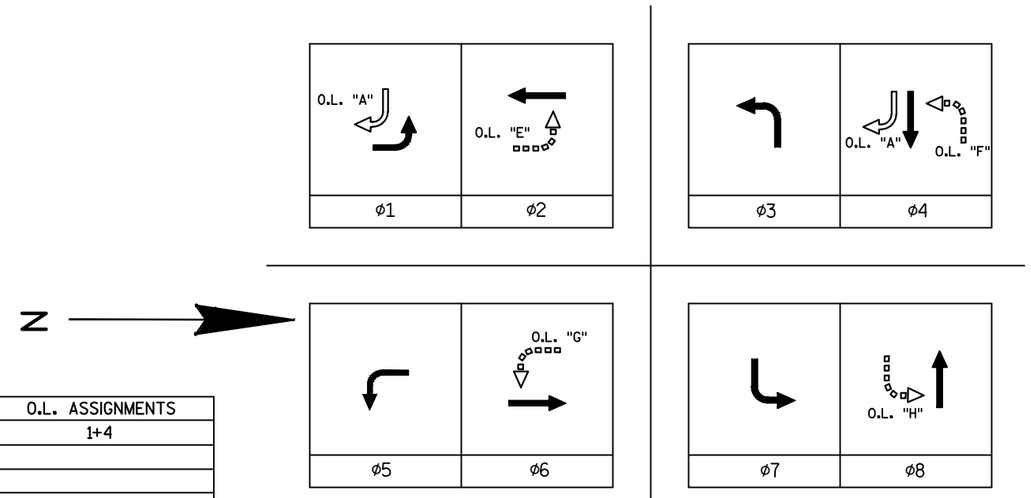
PAGE 3 OF 5

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	TRAFFIC SIGNAL PLAN	SHEET	E

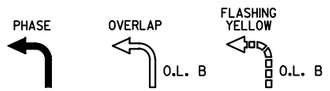
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024201-SP.DWG PLOT DATE : 5/1/2017 12:27 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

	HEAD NUMBERS	FLASH
ø1	4-6	-
ø2	7-9	R
ø3	24,25	-
ø4	13-15	R
ø5	10-12	-
ø6	1-3	R
ø7	18-20	-
ø8	21-23	R
ø2 PED		
ø4 PED	4A,4B,4C,4D	
ø6 PED	6A,6B	
ø8 PED		

			O.L. ASSIGNMENTS
OLA	16,17	R	1+4
OLB			
OLC			
OLD			
OLE	4-6	R ←	1+2
OLF	24,25	R ←	3+4
OLG	10-12	R ←	5+6
OLH	18-20	R ←	7+8



LEGEND



CONTROLLER LOGIC

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

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

EMERGENCY VEHICLE PREEMPTION ASSIGNMENTS				
EMERGENCY VEHICLE DETECTOR	A	B	C	D
PREEMPTION CHANNEL	3	4	5	6
MOVEMENT				
DIRECTION	NB	SB	EB	WB
PHASES	1+6	2+5	4+7+O.L "A"	3+8

EVP NOTES:

1. FULL CLEARANCE AND MINIMUM GREEN INTERVALS SHALL ALWAYS BE PROVIDED.
2. EACH PREEMPTION SEQUENCE SHALL TERMINATE WITH AN ALL-RED INTERVAL.

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29
DETECTOR *(S)	11	21	22	31	41		51	61	62	71	81					
PHASE CALLED	1	2	2	3	4		5	6	6	7	8					
PHASE EXTENDED	1	2	2	3	4		5	6	6	7	8					
DISCONNECT TIME																
CALLING DELAY																
EXTENSION STRETCH																
LOOP FUNCTION																

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30
DETECTOR *(S)	12	23	24	32	42	43	52	63	64	72	82					
PHASE CALLED	1	2	2	3	4	4	5	6	6	7	8					
PHASE EXTENDED	1	2	2	3	4	4	5	6	6	7	8					
DISCONNECT TIME		20	20			10.0		20	20							
CALLING DELAY																
EXTENSION STRETCH																
LOOP FUNCTION																

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

TYPE OF INTERCONNECT COMMUNICATION	
NONE	
CLOSED LOOP TWISTED PAIR	
FIBER OPTIC NETWORK	X
INTERSECTION ONLY (CELL MODEM)*	
* LOCATION OF CELL MODEM CONTROLLER NO: S55-1369	
SIGNAL SYSTEM: SS-55-XX	

STH 65 & 70TH AVENUE
VILLAGE OF ROBERTS
ST. CROIX COUNTY

SIGNAL NO. S55-1369

CONTROLLER TYPE:

DATE XX/XX/XXXX PAGE NO. 4 OF 5

STH 65 & 70TH AVENUE NO. 14 CABLE					
CABLE RUN	CABLE	HEAD NUMBER	MOVEMENT	LENS	CONDUCTOR COLOR
CB-1 TO SB-1	12/C	19	EB LT	◄R	RED/BLK
				◄Y	ORG/BLK
				◄FY	BLU/BLK
				◄G	GRN/BLK
		21	WB	R	RED
				Y	ORG
				G	GRN
		BUTTON	ø6 PED	--	BLU
		BUTTON	WB	--	WHT/BLK
CB-1 TO SB-2	7/C	6B	ø6 PED	DW	BLK
				W	BLU
CB-1 TO SB-3	15/C	1	NB	R	RED
				Y	ORG
				G	GRN
		14	EB	R	RED/BLK
				Y	ORG/BLK
				G	GRN/BLK
		15	EB	R	RED/BLK
				Y	ORG/BLK
				G	GRN/BLK
		20	EB LT	◄R	RED/WHT
				◄Y	BLK/WHT
				◄FY	BLU/WHT
				◄G	GRN/WHT
		6B	ø6 PED	DW	BLK
				W	BLU
		BUTTON	ø6 PED	--	WHT/BLK
CB-1 TO SB-4	9/C	11	SB LT	◄R	RED
				◄Y	ORG
				◄FY	GRN/BLK
				◄G	GRN
		4D	ø4 PED	DW	BLK
				W	BLU
		BUTTON	ø4 PED	--	WHT/BLK
CB-1 TO SB-5	5/C	12	SB LT	◄R	RED
				◄Y	ORG
				◄FY	BLK
				◄G	GRN
CB-1 TO SB-6	5/C	17	EB RT	R	RED
				Y►	ORG
				G►	GRN
CB-1 TO SB-7	9/C	4	NB LT	◄R	RED
				◄Y	ORG
				◄FY	GRN/BLK
				◄G	GRN
		4B	ø4 PED	DW	BLK
				W	BLU
		4C	ø4 PED	DW	BLK
				W	BLU
		BUTTON	ø4 PED	--	WHT/BLK
CB-1 TO SB-8	5/C	8	SB	R	RED
				Y	ORG
				G	GRN
		9	SB	R	RED
				Y	ORG
				G	GRN

STH 65 & 70TH AVENUE NO. 14 CABLE					
CABLE RUN	CABLE	HEAD NUMBER	MOVEMENT	LENS	CONDUCTOR COLOR
CB-1 TO SB-9	5/C	16	EB RT	R	RED
				Y►	ORG
				G►	GRN
CB-1 TO SB-10	15/C	13	EB	R	RED
				Y	ORG
				G	GRN
		24	WB LT	◄R	RED/BLK
				◄Y	ORG/BLK
				◄FY	BLU/BLK
				◄G	GRN/BLK
		4A	ø4 PED	DW	BLK
				W	BLU
		BUTTON	EB	--	WHT/BLK
CB-1 TO SB-11	5/C	BUTTON	ø4 PED	--	BLK
CB-1 TO SB-12	12/C	18	EB LT	◄R	RED
				◄Y	ORG
				◄FY	BLK
				◄G	GRN
		25	WB LT	◄R	RED/BLK
				◄Y	ORG/BLK
				◄FY	BLU/BLK
				◄G	GRN/BLK
CB-1 TO SB-13	5/C	7	SB	R	RED
				Y	ORG
				G	GRN
CB-1 TO SB-14	12/C	5	NB LT	◄R	RED/BLK
				◄Y	ORG/BLK
				◄FY	BLU/BLK
				◄G	GRN/BLK
		22	WB	R	RED
				Y	ORG
				G	GRN
		23	WB	R	RED
				Y	ORG
				G	GRN
CB-1 TO SB-15	9/C	6	NB LT	◄R	RED
				◄Y	ORG
				◄FY	BLK
				◄G	GRN
CB-1 TO SB-16	9/C	10	EB LT	◄R	RED
				◄Y	ORG
				◄FY	BLK
				◄G	GRN
CB-1 TO SB-17	9/C	2	NB	R	RED
				Y	ORG
				G	GRN
		3	NB	R	RED
				Y	ORG
				G	GRN

STH 65 & 70TH AVENUE LIGHTING CABLING CHART TYPE UF 12-2 AWG GROUNDED		
CABLE	CABLE RUN	LUMINAIRE LOCATION
2/C WITH GROUND	CABINET TO SB-3	SE QUADRANT
	SB-3 TO SB-8	SW QUADRANT
	SB-14 TO SB-17	NW QUADRANT
	CABINET TO SB-17	NE QUADRANT

STH 65 & 70TH AVENUE EMERGENCY VEHICLE PREEMPT CABLE, CONFIRMATION LIGHT 14-2 AWG CABLE	
FROM	TO
CABINET	SB17 ('A')
CABINET	SB8 ('B')
CABINET	SB3 ('C')
CABINET	SB14 ('D')

STH 65 & 70TH AVENUE CAT-5E CABLE	
FROM	TO
CABINET	SB3
CABINET	SB14

2

FTMS STANDARD ABBREVIATIONS

CCTV----------CLOSED CIRCUIT TELEVISION SITE
CB----------CONTROLLER CABINET
PB----------PULL BOX
V----------COMMUNICATIONS VAULT
F.O.C.----------FIBER OPTIC CABLE
S-F----------STATE-FURNISHED
MB----------METER BREAKER
EX----------EXISTING
MD----------MICROWAVE DETECTOR

FTMS LEGEND	EXISTING	PROPOSED
CCTV CAMERA AND POLE		
METER BREAKER PEDESTAL		
24"X36" PULL BOX		
ITS CONDUIT		
COMMUNICATIONS VAULT		
POLE-MOUNTED CABINET		
MICROWAVE DETECTOR AND POLE		

ITS GENERAL NOTES

THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLAN AND SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF THE WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL THE WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES OTHER THAN MINOR ADJUSTMENTS.

BE AWARE THAT ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.

BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUITS, PULLBOXES, POLES, CABINET FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.

NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

AREAS WITHIN THE RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR FTMS CONSTRUCTION ARE TO BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER AND SEED, AND MULCH. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS BUT ALSO CONTAINING FTMS CONSTRUCTION WILL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR OTHER CONSTRUCTION OPERATIONS. NO PAYMENT WILL BE MADE FOR RESTORING AREAS DISTURBED FOR FTMS CONSTRUCTION OPERATIONS.

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

BE ADVISED THAT DUE TO RAMP, LANE, SHOULDER, AND ROADWAY CLOSURE RESTRICTIONS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT.

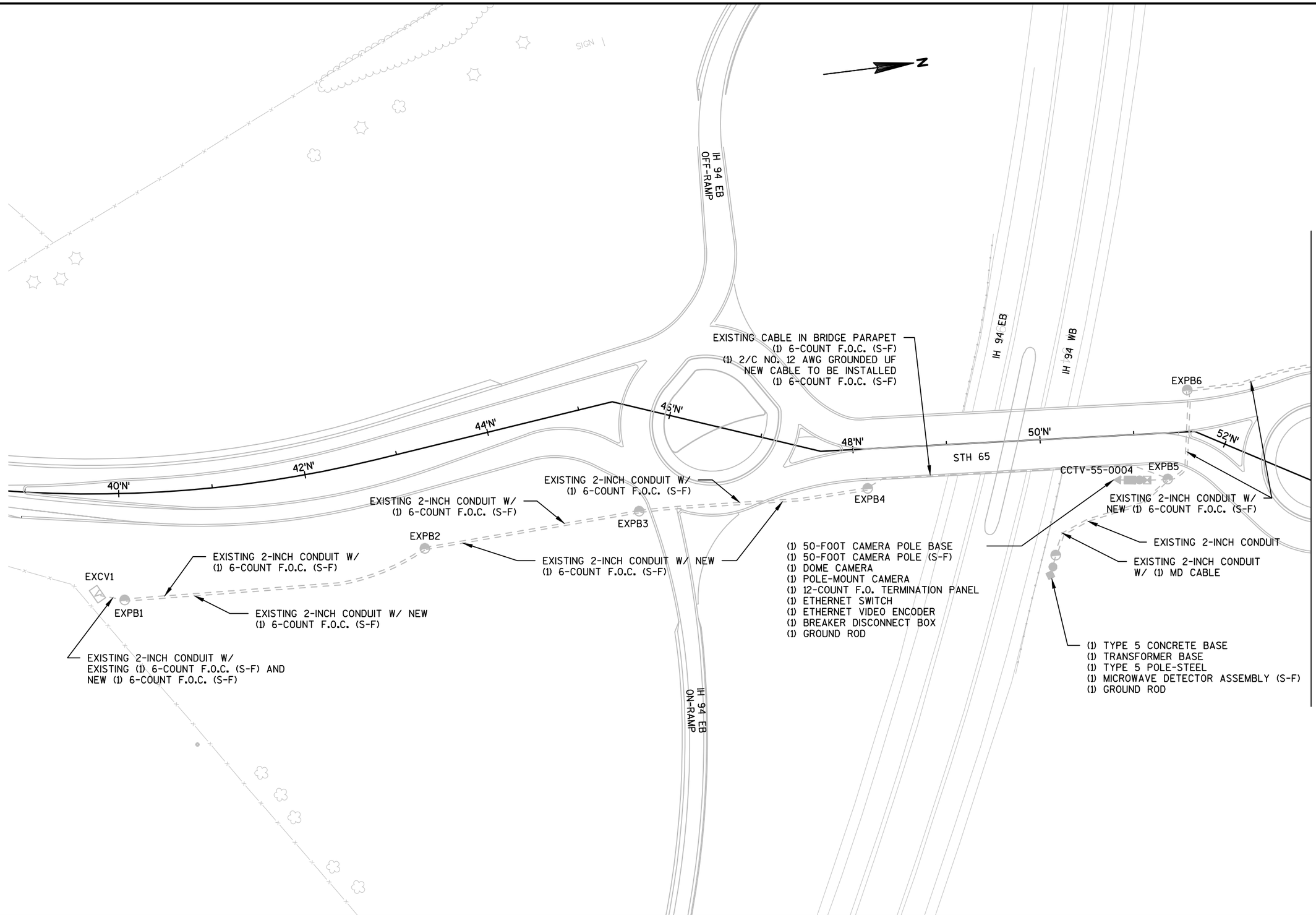
THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURE WITH OTHER CONTRACTS IN THE AREA.

CONTACT THE WISDOT STATEWIDE TRAFFIC OPERATIONS CENTER AT (414) 227-2166 FIVE (5) WORKING DAYS PRIOR TO ENTERING ANY EXISTING WISDOT FTMS OR ITS VAULT.

HAND DIG TRENCHES CROSSING EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE.

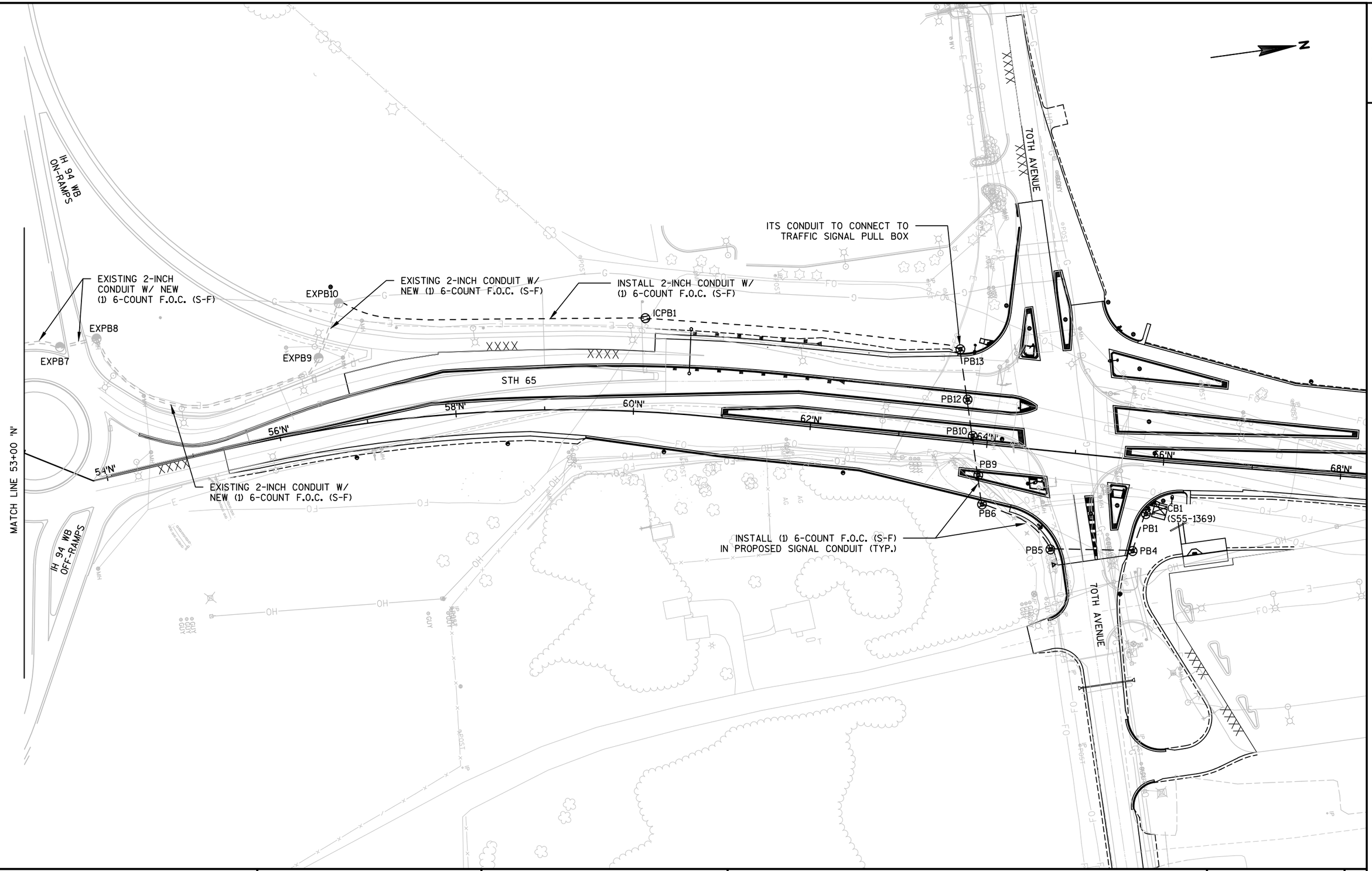
VISUALLY VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE OR SPECIAL METHOD.

2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ITS PLANS	SHEET	E

2



PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	ITS PLANS	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\TRAFFIC SIGNALS\024201-ITS.DWG PLOT DATE : 5/1/2017 8:00 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

CLEARING & GRUBBING

CATEGORY	STATION	-	STATION	O/S	LOCATION	201.0105 (STA)	201.0120 (ID)	201.0205 (STA)	201.0220 (ID)
0010									
	59+00'N'	-	64+00'N'	RT	NB STH 65	5	--	5	--
	64+00'S'			LT	SB STH 65	--	16	--	16
	73+50'N'			RT	NB STH 65	--	16	--	16
PROJECT 1540-04-73 TOTAL						**5**	**32**	**5**	**32**

REMOVING SMALL PIPE CULVERTS

CATEGORY	STATION	O/S	LOCATION	203.0100 (EACH)
0010				
	74+40'S'	LT	SB STH 65	1
	16+60'E'	LT	70TH AVENUE	1
	20+45'E'	LT & RT	70TH AVENUE	1
	22+15'E'	LT	70TH AVENUE	2
	24+90'E'	LT	70TH AVENUE	1
PROJECT 1540-04-73 TOTAL				**6**

REMOVING PAVEMENT

CATEGORY	STAGE	STATION TO STATION	204.0100 REMOVING PAVEMENT (SY)
0010			
	STAGE 1		
		PARK & RIDE	
		PARK & RIDE BUS PAD	70
	STAGE 1 TOTAL		70
	STAGE 2		
		NB STH 65	
		55+35'N' - 60+35'N'	1100
	STAGE 2 TOTAL		1,100
	STAGE 3		
		SB STH 65	
		56+75'S' - 60+37'S'	900
	STAGE 3 TOTAL		900
PROJECT 1540-04-73 TOTAL			**2,070**

REMOVING ASPHALTIC SURFACE

CATEGORY	STAGE	STATION TO STATION	LOCATION	204.0110 (SY)	REMARKS
0010					
	STAGE 4A				
		NB STH 65			
		63+70'N' - 64+75'N'	RT	190	TEMP ASPHALT
		SB STH 65			
		64+25'S' - 64+60'S'	RT	40	TEMP ASPHALT
PROJECT 1540-04-73 TOTAL				**230**	

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO STATION	LOCATION	204.0120 (SY)	REMARKS
0010				
	NB STH 65			
	77+25'N' - 82+70'N'	LT& RT	1453	2-INCH MILL DEPTH
PROJECT 1540-04-73 TOTAL			**1453**	

REMOVING INLETS

CATEGORY	STAGE	STATION	O/S	204.0220 REMOVING INLETS (EACH)
0010				
	STAGE 3			
		SB STH 65		
		59+00'S'	RT	1
		59+10'S'	RT	1
		60+15'S'	RT	1
	STAGE 3 TOTAL			3
PROJECT 1540-04-73 TOTAL				**3**

REMOVING FENCE

CATEGORY	STATION TO STATION	LOCATION	204.0170 (LF)
0010			
	NB STH 65		
	58+90'N' - 64+35'N'	RT	700
	70+75'N' - 81+60'N'	RT	1160
PROJECT 1540-04-73 TOTAL			**1860**

REMOVING CURB & GUTTER

CATEGORY	STAGE	STATION TO STATION	LOCATION	204.0150 REMOVING CURB & GUTTER (LF)
0010				
	STAGE 1			
		NB STH 65		
		54+05'N' - 55+25'N'	LT	120
		65+20'N' - 65+80'N'	RT	100
		SB STH 65		
		54+50'N' - 55+55'S'	RT	130
		65+00'S' - 65+60'S'	LT	85
		70TH AVENUE		
		21+70'E' - 22+00'E'	LT	42
		22+30'E' - 22+60'E'	LT	72
		PARK & RIDE		
		BUS PAD		50
	STAGE 1 TOTAL			599
	STAGE 2			
		NB STH 65		
		55+25'N' - 60+27'N'	LT	509
		64+07'N' - 64+73'N'	RT	87
	STAGE 2 TOTAL			596
	STAGE 3			
		SB STH 65		
		55+55'S' - 60+31'S'	RT	470
		63+86'S' - 64+40'S'	LT	90
	STAGE 3 TOTAL			560
PROJECT 1540-04-73 TOTAL				**1,755**

REMOVING R/W MARKER

CATEGORY	STATION	O/S	LOCATION	SPV.0060.004 (EACH)
0010				
	59+34'N'	RT	NB STH 65	1
	60+58'N'	RT	NB STH 65	1
	61+77'N'	RT	NB STH 65	1
	63+65'N'	RT	NB STH 65	1
	67+45'S'	LT	SB STH 65	1
	69+60'S'	LT	SB STH 65	1
	73+22'S'	LT	SB STH 65	1
	73+52'S'	LT	SB STH 65	1
	77+19'S'	LT	SB STH 65	1
	21+56'E'	RT	70TH AVENUE	1
	23+62'E'	LT	70TH AVENUE	1
	23+62'E'	RT	70TH AVENUE	1
PROJECT 1540-04-73 TOTAL				**12**

REMOVING SIDEWALK

CATEGORY	STAGE	STATION TO STATION	204.0155 REMOVING SIDEWALK (SY)
0010			
	STAGE 1		
		NB STH 65	
		54+35'N' - 55+65'N'	153
		PARK & RIDE	
		PARK & RIDE BUS PAD	77
	STAGE 1 TOTAL		230
	STAGE 2		
		NB STH 65	
		59+85'N' - 60+25'N'	40
	STAGE 2 TOTAL		40
PROJECT 1540-04-73 TOTAL			**270**

EXCAVATION SUMMARY

CATEGORY	DIVISION	FROM/TO STATION	LOCATION	CUT (2)	205.0100 EXCAVATION COMMON (1) (CY) EBS EXCAVATION (6)	UNUSABLE PAVEMENT/MARSH MATERIAL (CY)	AVAILABLE MATERIAL (3) (CY)	205.0400 EXCAVATION MARSH (CY)	UNEXPANDED FILL (8)	EXPANDED FILL (4) FACTOR 1.25	MASS ORDINATE +/- (5)	WASTE (7)	208.1100 SELECT BORROW (CY)	COMMENT:
0010														
	1	12+00 - 20+00	TEMPORARY 70TH AVENUE - WEST OF STH 65	300	50	0	300	0	2,902	3,628	-3,328	-3,265	0	--
		20+50 - 29+50	TEMPORARY 70TH AVENUE - EAST OF STH 65	800	134	19	781	0	1,523	1,904	-1,123	-956	0	UNUSABLE MATERIAL INCLUDES BUS PAD CONCRETE REMOVAL
		54+00 - 56+00	STH 65 - STAGE 1 MEDIAN CROSSOVER	122	20	0	122	0	0	0	122	148	0	--
			DIVISION 1 SUBTOTAL	1,222	205	19	1,203	0	4,426	5,532	-4,329	-4,073	0	
	2	55+00 - 65+50	STH 65 - STAGE 2 (NB LANES SOUTH OF 70TH)	5,771	967	306	5,465	0	1,678	2,097	3,368	4,576	0	UNUSABLE MATERIAL INCLUDES NB STH 65 CONCRETE REMOVAL
		20+50 - 27+00	70TH AVENUE - STAGE 2 (EAST OF STH 65)	2,015	338	0	2,015	0	432	540	1,475	1,897	0	--
			DIVISION 2 SUBTOTAL	7,786	1,304	306	7,480	0	2,110	2,637	4,843	6,473	0	
	3	61+00 - 65+50	STH 65 - STAGE 2A (NB LEFT TURN LANE AND MEDIAN)	101	17	0	101	0	362	452	-351	-330	0	ASSUMES WASTE FROM DIVISION 2 WILL BE USED FOR FILL
		57+00 - 60+00	STH 65 - STAGE 2A MEDIAN CROSSOVER - N	245	41	0	245	0	0	0	245	296	0	--
		55+00 - 57+50	STH 65 - STAGE 2A MEDIAN CROSSOVER - S	75	13	0	75	0	0	0	75	91	0	--
			DIVISION 3 SUBTOTAL	421	71	0	421	0	362	452	-31	57	0	
	4	58+50 - 65+50	STH 65 - STAGE 3 (SB LANES SOUTH OF 70TH)	1,307	219	250	1,057	0	463	579	478	752	0	UNUSABLE MATERIAL INCLUDES SB STH 65 CONCRETE REMOVAL
		17+00 - 19+00	70TH AVENUE - STAGE 3 (WEST OF STH 65)	530	89	0	530	0	627	784	-254	-143	0	ASSUMES WASTE FROM DIVISION 2 WILL BE USED FOR FILL
			DIVISION 4 SUBTOTAL	1,837	308	250	1,587	0	1,090	1,363	224	609	0	
	5	56+50 - 59+00	STH 65 - STAGE 3A (SB RAB APPROACH AND MEDIAN)	268	45	0	268	0	0	0	268	324	0	--
		15+00 - 17+50	70TH AVENUE - STAGE 3A (WEST OF TRAVEL PLAZA)	333	56	0	333	0	3	4	329	399	0	--
			DIVISION 5 SUBTOTAL	601	101	0	601	0	3	4	597	723	0	
	6	54+00 - 61+50	STH 65 - STAGE 4 (MEDIAN SOUTH OF 70TH)	307	51	0	307	0	27	34	273	337	0	--
		65+00 - 83+00	STH 65 - STAGE 4 (NORTH OF 70TH AVENUE)	17,311	2,900	450	16,861	450	3,199	3,999	12,862	16,486	450	UNUSABLE MATERIAL INCLUDES EXCAVATED MARSH MATERIAL
		13+00 - 19+50	70TH AVENUE & TEMPORARY ROAD REMOVAL (WEST OF STH 65)	2,354	394	0	2,354	0	14	18	2,336	2,829	0	--
		20+50 - 29+00	70TH AVENUE & TEMPORARY ROAD REMOVAL (EAST OF STH 65)	2,291	384	0	2,291	0	106	132	2,159	2,639	0	--
			DIVISION 6 SUBTOTAL	22,263	3,729	450	21,813	450	3,346	4,183	17,630	22,291	450	
			SUBTOTALS	34,130	5,717	1,025	33,105	450	11,337	14,171	18,934	26,080	450	
PROJECT 1540-04-73 TOTAL					**39,847**			**450**					**450**	

Note 1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
Note 2) Salvaged/Unusable Pavement & Marsh Material is included in Cut.
Note 3) Available Material = Cut - Salvaged/Unusable Pavement & Marsh Material
Note 4) Expanded Fill Factor = 1.25
Note 5) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.
Note 6) EBS Excavation to be backfilled with Select Crushed Material. EBS estimated at 16.75% undistributed quantity.
Note 7) Waste = Division Mass Ordinate + EBS Excavation * 1.25
Note 8) Unexpanded Fill = Unexpanded Fill from individual Earthwork tables without EBS Excavation

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	LOCATION	204.0115 (SY)
0010		
	NORTH END - STH 65	8
PROJECT 1540-04-73 TOTAL		**8**

REMOVING BUILDING

CATEGORY	STATION	O/S	LOCATION	204.0230 (EACH)
0010				
	73+87'S'	LT	SB STH 65	1
PROJECT 1540-04-73 TOTAL				**1**

REMOVING STORMSEWER

CATEGORY	STAGE	STATION TO STATION	204.0245.001 REMOVING STORMSEWER 12-INCH (LF)
0010			
	STAGE 3		
		SB STH 65	
		59+00'S' - 59+10'S'	10
		60+15'S'	12
	STAGE 3 TOTAL		22
PROJECT 1540-04-73 TOTAL			**22**

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STAGE	STATION TO STATION	305.0110 * (TON)	REMARKS
0010				
	STAGE 2			
		NB STH 65		
		55+35'N' - 59+50'N'	60	SHOULDER
		70TH AVENUE		
		22+50'E' - 26+50'E'	70	SHOULDER
	STAGE 2 TOTAL		130	
	STAGE 2A			
		NB STH 65		
		61+00'N' - 64+50'N' LT	110	MEDIAN SIDEWALK
	STAGE 2A TOTAL		110	
	STAGE 3			
		SB STH 65		
		59+50'S' - 63+75'S' LT	70	SHOULDER
		70TH AVENUE		
		18+25'E' - 19+25'E' LT	25	ISLAND SIDEWALK
		18+75'E' - 19+25'E' RT	20	ISLAND SIDEWALK
	STAGE 3 TOTAL		115	
	STAGE 4			
		NB STH 65		
		54+05'N' - 55+65'N' LT	60	MEDIAN SIDEWALK
		65+50'N' - 66+25'N' LT	20	ISLAND SIDEWALK
		66+25'N' - 82+70'N' RT	190	SHOULDER
		73+50'N' - 74+25'N' LT	30	MEDIAN SIDEWALK
		SB STH 65		
		65+50'S' - 73+00'S' LT	50	SHOULDER
		65+50'S' - 66+75'S' LT	50	MEDIAN SIDEWALK
		65+50'S' - 68+25'S' LT	100	ISLAND SIDEWALK
		76+00'S' - 82+70'S' LT	65	SHOULDER
		70TH AVENUE		
		13+00'W' - 18+75'W' LT	85	SHOULDER
		26+50'E' - 29+00'E' LT	30	SHOULDER
		PARK & RIDE		
		SHOULDER & SIDEWALK	100	
		DRIVEWAYS	100	
	STAGE 4 TOTAL		880	
	STAGE 4A			
		NB STH 65		
		63+75'N' - 64+75'N' RT	25	ISLAND SIDEWALK
		SB STH 65		
		64+25'S' - 64+50'S' RT	10	ISLAND SIDEWALK
		70TH AVENUE		
		20+75'E' - 21+25'E' LT	15	ISLAND SIDEWALK
		PARK & RIDE		
		SHOULDER	20	
	STAGE 4A TOTAL		35	
		UNDISTRIBUTED	130	
PROJECT 1540-04-73 TOTAL			**1,400**	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

BASE AGGREGATE DENSE 1 1/4-INCH

CATEGORY	STAGE	STATION TO STATION	305.0120 * (TON)	REMARKS
0010				
	STAGE 2			
		NB STH 65		
		55+35'N' - 65+25'N'	1890	MAINLINE
		55+35'N' - 59+50'N' RT	400	SHOULDER
		70TH AVENUE		
		21+00'E' - 21+55'E'	260	MAINLINE
		21+55'E' - 26+50'E'	2060	MAINLINE
		PARK & RIDE		
		DRIVEWAY	300	
	STAGE 2 TOTAL		4910	
	STAGE 2A			
		NB STH 65		
		60+75'N' - 65+15'N' LT	430	TURN LANE
	STAGE 2A TOTAL		430	
	STAGE 3			
		SB STH 65		
		58+75'S' - 65+15'S'	1000	MAINLINE
		59+40'S' - 63+65'S' LT	490	SHOULDER
		70TH AVENUE		
		17+10'W' - 18+70'W'	380	MAINLINE
		17+45'E' - 19+00'E'	325	MAINLINE
	STAGE 3 TOTAL		2,195	
	STAGE 3A			
		SB STH 65		
		56+75'S' - 58+75'S'	220	MAINLINE
		70TH AVENUE		
		15+35'E' - 17+10'E'	425	MAINLINE
	STAGE 3A TOTAL		645	
	STAGE 4			
		NB STH 65		
		65+25'N' - 74+75'N'	1170	MAINLINE
		66+25'N' - 74+75'N' RT	720	SHOULDER
		74+75'N' - 77+25'N'	1520	MAINLINE
		77+25'N' - 82+70'N' RT	740	MAINLINE
		SB STH 65		
		65+15'S' - 74+75'S'	2230	MAINLINE
		65+65'S' - 72+90'S' LT	450	SHOULDER
		77+25'S' - 82+70'S' LT	490	MAINLINE
		70TH AVENUE		
		17+60'W' - 18+75'W' LT	165	MAINLINE
		21+00'W' - 21+55'W' LT	100	MAINLINE
		PARK & RIDE		
		PARK & RIDE	870	
	STAGE 4 TOTAL		8455	
		UNDISTRIBUTED	365	
PROJECT 1540-04-73 TOTAL			**17,000**	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SELECT CRUSHED MATERIAL

CATEGORY	STAGE	STATION TO STATION	312.0110 (TON)	REMARKS
0010				
	STAGE 2			
		70TH AVENUE		
		21+55'E' - 26+50'E'	1880	SUBBASE
	STAGE 2 TOTAL		1880	
	STAGE 3			
		70TH AVENUE		
		17+10'W' - 18+70'W'	450	MAINLINE
	STAGE 3 TOTAL		450	
	STAGE 3A			
		70TH AVENUE		
		15+37'W' - 17+10'W'	450	MAINLINE
	STAGE 3A TOTAL		450	
	STAGE 4			
		NB STH 65		
		74+75'N' - 76+00'N'	825	SHOULDER
		76+00'N' - 77+25'N'	800	SHOULDER
		77+25'N' - 82+70'N'	800	MAINLINE
		77+25'S' - 82+70'S'	625	MAINLINE
	STAGE 3A TOTAL		3,050	
		UNDISTRIBUTED	11,570	
PROJECT 1540-04-73 TOTAL			**17,400**	

3

ASPHALTIC SURFACE TEMPORARY & BASE AGGREGATE DENSE

CATEGORY	STAGE	STATION TO STATION	305.0110 * BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 * BASE AGGREGATE DENSE 1 1/4-INCH (TON)	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (TON)	465.0125 ASPHALTIC SURFACE TEMPORARY (TON)
0010						
	STAGE 1					
		NB STH 65				
		55+05'N' - 54+70'N' LT	0	150	--	60
		TEMPORARY ROAD				
		13+50'TR' - 20+25'TR'	125	2250	--	710
		20+60'TR' - 29+25'TR'	250	3200	--	1000
	STAGE 1 TOTAL		375	5600	0	1770
	STAGE 2					
		NB STH 65				
		63+70'N' - 64+75'N' RT	0	130	--	55
		TEMPORARY ROAD				
		20+65'TR' - 23+00'TR' RT	25	500	--	160
	STAGE 2 TOTAL		25	630	0	215
	STAGE 2A					
		NB STH 65				
		55+25'N' - 57+00'N' LT	0	50	--	150
		57+00'N' - 59+75'N' LT	0	320	--	120
		65+10'N' - 65+65'N' LT	0	175	--	70
		TEMPORARY ROAD				
		16+55'TR' - 16+90'TR' RT	5	100	--	30
	STAGE 2A TOTAL		5	645	0	370
	STAGE 3					
		TEMPORARY ROAD				
		17+20'TR' - 17+80'TR' RT	5	60	--	20
	STAGE 3 TOTAL		5	60	0	20
	STAGE 4					
		SB STH 65				
		DRIVEWAY	--	--	25	--
	STAGE 4 TOTAL		0	0	25	0
		UNDISTRIBUTED	40	65	5	125
PROJECT 1540-04-73 TOTAL			**450**	**7,000**	**30**	**2,500**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONCRETE SIDEWALK

CATEGORY	STAGE	STATION	O/S	405.0100 * COLORING CONCRETE RED (CY)	602.0410 CONCRETE SIDEWALK 5-INCH (SF)	REMARKS
0010						
	STAGE 2					
		NB STH 65				
		61+05'N' - 64 LT		--	4225	MEDIAN
	STAGE 2 TOTAL			0	4225	
	STAGE 3					
		SB STH 65				
		63+85'S' - 64 LT		--	75	SW QUAD
		70TH AVENUE				
		18+25'E' - 19 LT		--	610	MEDIAN
		18+75'E' - 19 RT		--	530	RT TURN ISLAND
	STAGE 3 TOTAL			0	1215	
	STAGE 4					
		NB STH 65				
		54+05'N' - 55 LT		37	2350	MEDIAN
		65+50'N' - 67 LT		--	530	MEDIAN
		73+50'N' - 74 LT		--	1000	MEDIAN
		SB STH 65				
		65+50'S' - 66 LT		--	1800	RT TURN ISLAND
		65+50'S' - 68 RT		--	3900	LT TURN ISLAND
		70TH AVENUE				
		20+75'W' - 21 LT		--	470	RT TURN ISLAND
		PARK & RIDE				
		BUS PAD		--	700	
		SIDEWALK CONNECTION		--	340	
	STAGE 4 TOTAL			37	11090	
	STAGE 4A					
		NB STH 65				
		63+75'N' - 64 RT		--	970	RT TURN ISLAND
		SB STH 65				
		64+25'S' - 64 RT		--	300	MEDIAN
	STAGE 4A TOTAL			0	1270	
PROJECT 1540-04-73 TOTAL				**37**	**17,800**	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

DRILLED TIE BARS & DRILLED DOWEL BARS

CATEGORY	STAGE	STATION TO STATION	416.0610 TIE BARS (EACH)	416.0620 DOWEL BARS (EACH)
0010				
	STAGE 2			
		NB STH 65		
		55+35'N' RT	--	22
	STAGE 2 TOTAL		0	22
	STAGE 3			
		SB STH 65		
		60+24'S' LT	--	16
		59+00'S' - 60+24'S' LT	50	--
	STAGE 3 TOTAL		50	16
	STAGE 3A			
		SB STH 65		
		56+75'S' - 59+00'S' LT	90	--
		56+75'S' LT	--	22
	STAGE 3A TOTAL		90	22
	STAGE 4			
		NB STH 65		
		54+05'N' - 55+35'N' LT	55	--
		SB STH 65		
		54+35'S' - 56+75'S' RT	100	--
	STAGE 4 TOTAL		155	0
PROJECT 1540-04-73 TOTAL			**295**	**60**

INCENTIVE IRI RIDE

CATEGORY	LOCATION	440.4410 DOL	REMARKS
0010			
	NB STH 65		
	55+35'N' - 74+75'N'	1,470	CONCRETE
	74+75'N' - 82+70'N'	301	ASPHALT
	SB STH 65		
	59+00'S' - 74+75'S'	1,193	CONCRETE
	74+75'S' - 82+70'S'	301	ASPHALT
	UNDISTRIBUTED	235	
PROJECT 1540-04-73 TOTAL		**3,500**	

CONCRETE PAVEMENT 10-INCH

CATEGORY	STAGE	STATION TO STATION	415.0100 CONCRETE PAVEMENT 10-INCH (SY)	405.0100 * COLORING CONCRETE RED (CY)	416.0512 CONCRETE TRUCK APRON 12-INCH (SY)	715.0415 INCENTIVE STRENGTH CONCETE PAVEMENT (DOL)
0010						
	STAGE 2					
		NB STH 65				
		55+35'N' - 65+25'N'	4640	52	52	1392
		70TH AVENUE				
		20+85'E' - 21+55'E' RT	--	15	55	--
		21+00'E' - 21+55'E'	300	--	--	90
	STAGE 2 TOTAL		4940	67	107	1482
	STAGE 2A					
		NB STH 65				
		60+75'N' - 65+25'N'	850	--	--	255
	STAGE 2A TOTAL		850	0	0	255
	STAGE 3					
		SB STH 65				
		58+75'S' - 65+20'S'	2540	--	--	762
		70TH AVENUE				
		17+48'E' - 19+00'E'	695	--	--	209
	STAGE 3 TOTAL		3,235	0	0	971
	STAGE 3A					
		SB STH 65				
		58+75'S' - 65+20'S'	470	--	--	141
	STAGE 3 TOTAL		470	0	0	141
	STAGE 4					
		NB STH 65				
		65+25'N' - 74+75'N'	3,085	--	--	926
		SB STH 65				
		65+20'S' - 74+75'S'	4,725	--	--	1,418
		70TH AVENUE				
		18+70'W' - 19+00'W'	75	--	--	23
		21+00'W' - 21+55'W'	225	--	--	68
		PARK & RIDE				
		BUS PAD	85	--	--	26
	STAGE 4 TOTAL		8,195	0	0	2,459
PROJECT 1540-04-73 TOTAL			**17,690**	**67**	**107**	**5,307**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

HMA PAVEMENT

CATEGORY	STAGE	STATION TO STATION	460.5224 HMA PAVEMENT 4 LT 58-28S (TON)	460.5244 HMA PAVEMENT 4 LT 58-34S (TON)	460.6224 HMA PAVEMENT 4 MT 58-28S (TON)	460.6444 HMA PAVEMENT 4 MT 58-34H (TON)	455.0605 TACK COAT (GAL)	REMARKS
0010								
	STAGE 2							
		NB STH 65						
		55+35'N' - 59+50'N'	--	50	--	--	--	SHOULDER
		70TH AVENUE						
		21+55'E' - 26+50'E'	--	--	380	--	--	BINDER LIFT
	STAGE 2 TOTAL		0	50	380	0	0	
	STAGE 3							
		SB STH 65						
		60+25'S' - 63+60'S'	--	50	--	--	--	SHOULDER
		70TH AVENUE						
		17+10'E' - 18+70'E'	--	--	120	--	--	BINDER LIFT
	STAGE 3 TOTAL		0	50	120	0	0	
	STAGE 3A							
		70TH AVENUE						
		15+37'E' - 17+10'E'	--	--	75	--	--	BINDER LIFT
	STAGE 3A TOTAL		0	0	75	0	0	
	STAGE 4							
		NB STH 65						
		66+25'N' - 82+70'N'	--	150	--	--	--	SHOULDER
		74+75'N' - 77+25'N'	--	--	--	105	51	SURFACE
		74+75'N' - 77+25'N'	--	--	145	--	--	BINDER LIFT
		77+25'N' - 82+70'N'	--	--	--	115	70	SURFACE
		SB STH 65						
		76+00'S' - 82+70'S'	--	85	--	--	--	SHOULDER
		74+75'S' - 77+25'S'	--	--	--	100	49	SURFACE
		74+75'S' - 77+25'S'	--	--	140	--	--	BINDER LIFT
		77+25'S' - 82+70'S'	--	--	--	100	60	SURFACE
		PARK & RIDE						
		PARK & RIDE	205	--	--	--	--	BINDER LIFT
	STAGE 4 TOTAL		205	235	285	420	230	
	STAGE 4A							
		70TH AVENUE						
		15+37'E' - 18+70'E'	--	--	--	140	68	SURFACE
		15+37'E' - 18+70'E'	--	55	--	--	--	SHOULDER
		21+55'E' - 26+50'E'	--	--	--	280	140	SURFACE
		21+55'E' - 26+50'E'	--	90	--	--	--	SHOULDER
		PARK & RIDE						
		PARK & RIDE	--	140	--	--	85	SURFACE
	STAGE 4A TOTAL		0	285	0	420	293	
PROJECT 1540-04-73 TOTAL			**205**	**620**	**860**	**840**	**523**	

ASPHALTIC FLUMES

CATEGORY	STAGE	STATION	O/S	465.0315 ASPHALTIC FLUMES (SY)
0010				
	STAGE 2			
		70TH AVENUE		
		22+15'E'	RT	15
	STAGE 2 TOTAL			15
	STAGE 3			
		70TH AVENUE		
		17+65'E'	RT	15
	STAGE 3 TOTAL			15
	STAGE 4			
		NB STH 65		
		66+25'N'	RT	15
		SB STH 65		
		65+65'S'	LT	15
		76+00'S'	LT	15
		70TH AVENUE		
		23+70'E'	LT	15
		24+20'E'	LT	15
	STAGE 4 TOTAL			60
	UNDISTRIBUTED			10
PROJECT 1540-04-73 TOTAL				**100**

STORM SEWER STRUCTURES

								522.1012	522.1015	522.1018 *	522.1024	522.1030 *	611.0612	611.0530	611.0627	611.0642	611.0654	611.3004	611.3230	611.3902	611.2005
								APRON ENDWALL CULVERT PIPE REINFORCED CONCRETE					INLET & MANHOLE COVERS					INLETS			MANHOLE
CATEGORY	STR #	RL	STATION	OFFSET**	RIM ELEV	INVERT ELEV	DEPTH*** FT	12-INCH EACH	15-INCH EACH	18-INCH EACH	24-INCH EACH	30-INCH EACH	TYPE C EACH	TYPE J EACH	TYPE HM EACH	TYPE MS EACH	TYPE V EACH	4-FT DIA EACH	2x3-FT EACH	MEDIAN 2-GRATE EACH	5-FT DIA EACH
0010																					
	59.0	'N'	59+00.0	38.8' RT	--	1016.67	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
	59.1	'N'	59+00.0	13.5' LT	1021.33	1017.23	3.10	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	59.2s	'S'	59+20.0	3.5' RT	1022.00	1018.00	4.00	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	59.3s	'S'	59+10.0	3.5' RT	1021.87	1018.37	3.50	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	61.1s	'S'	60+11.0	3.5' RT	1017.18	1013.18	4.00	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	62.0	'N'	62+00.0	60.5' RT	--	1004.75	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
	62.1	'N'	62+00.0	42.5' RT	1007.58	1004.89	1.69	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	62.2	'N'	62+00.0	3.5' LT	1007.93	1005.41	1.52	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	63.0	'S'	62+06.0	48.0' LT	--	1004.16	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
	63.1	'S'	62+05.0	3.5' RT	1009.03	1004.34	3.69	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	63.2	'S'	62+06.0	22.5' RT	1008.68	1004.65	3.03	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	63.3	'S'	62+06.0	39.5' RT	1008.37	1005.06	2.31	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	64.0	'S'	63+82.0	67.7' LT	--	1000.43	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
	64.1	S'	64+05.0	3.5' RT	1003.78	1000.11	2.67	--	--	--	--	--	--	--	1	--	--	1	--	--	--
	64.2	'S'	64+20.0	22.5' RT	1003.68	1000.74	1.94	--	--	--	--	--	--	--	1	--	--	1	--	--	--
	64.3	'S'	64+21.0	39.5' RT	1003.37	1000.79	1.58	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	65.0	'N'	64+38.0	83.5' RT	--	998.00	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
	65.1	'N'	64+38.0	67.2' RT	1001.01	998.05	1.96	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	65.2	'N'	64+41.0	46.3' RT	1001.23	998.70	1.53	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	65.3	'N'	64+42.0	30.5' RT	1001.94	999.00	1.94	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	65.4	'N'	64+30.0	3.5' LT	1002.54	999.90	1.64	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	66.0	'S'	66+62.0	68.1' LT	--	996.78	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
	66.1	'S'	66+60.0	38.1' LT	1001.77	998.97	1.80	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	66.2	'S'	66+60.0	30.4' LT	1002.08	999.17	1.91	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	68.0	'S'	68+05.0	53.4' LT	--	996.00	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
	68.1	'S'	68+07.0	3.0' RT	1001.07	996.23	3.84	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	68.2	'S'	68+08.0	11.5' RT	1000.91	996.53	3.38	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	68.3	'S'	68+10.0	28.2' RT	1000.63	997.00	2.63	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	68.4	'N'	68+06.0	3.5' RT	1000.02	997.50	1.52	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	70.0	'S'	71+13.0	44.2' LT	--	993.27	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
	70.1	'S'	71+20.0	3.5' RT	999.18	993.50	4.68	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	70.2	'N'	71+17.0	3.5' LT	997.95	994.35	2.60	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	70.3	'N'	71+29.0	3.5' LT	997.89	994.57	2.32	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	73.0	'S'	72+80.0	51.1' LT	--	992.25	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	74.0	'S'	74+12.0	39.7' LT	995.65	990.32	3.83	--	--	--	--	--	--	1	--	--	--	--	--	--	1
	76.0	'S'	76+09.0	43.0' LT	--	989.70	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	74.1	'S'	74+10.0	3.0' RT	996.20	991.93	3.27	--	--	--	--	--	--	--	--	--	1	1	--	--	--
	74.2	'N'	74+00.0	1.5' LT	996.25	992.40	2.85	--	--	--	--	--	--	--	1	--	--	1	--	--	--
	74.3	'N'	73+80.0	1.5' LT	996.41	992.70	2.71	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	74.4	'N'	73+60.0	1.5' LT	996.56	993.00	2.56	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	18.0	'E'	18+58.0	82.6' LT	--	996.00	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
	18.2	'E'	18+55.0	14.7' RT	1002.89	996.25	5.14	--	--	--	--	--	1	--	--	--	--	1	--	--	--
	18.3	'E'	19+22.0	14.0' RT	1003.00	998.29	3.21	--	--	--	--	--	1	--	--	--	--	1	--	--	--
	18.4	'E'	19+26.0	14.7' LT	1002.93	998.79	2.64	--	--	--	--	--	1	--	--	--	--	1	--	--	--
	18.5	'E'	18+53.0	70.8' RT	999.75	996.45	3.30	--	--	--	--	--	--	--	--	2	--	--	--	1	--
	22.0	'E'	22+47.0	48.9' LT	--	995.00	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
	22.1	'E'	21+69.0	58.5' LT	--	996.00	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
	22.3	'E'	21+99.0	36.1' LT	999.48	995.25	2.48	--	--	--	--	--	--	1	--	--	--	--	--	--	1
	22.4	'E'	21+53.0	22.5' RT	1000.10	995.50	3.60	--	--	--	--	--	--	--	1	--	--	1	--	--	--
	22.5	'E'	21+54.0	47.8' RT	998.50	995.58	1.92	--	--	--	--	--	--	--	--	2	--	--	--	1	--
PROJECT 1540-04-73 TOTAL								**2**	**3**	**4**	**2**	**2**	**3**	**2**	**29**	**4**	**1**	**8**	**25**	**2**	**2**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE
*** DEPTH = RIM ELEV - CASTING THICKNESS - 6 -INCH ADJUSTMENT RING - INVERT ELEV.
s FIELD VERIFY DEPTH

3

CULVERT PIPE SCHEDULE

CATEGORY	STA	LOCATION	***ELEVATIONS INLET	***ELEVATIONS OUTLET	520.2012 TEMPORARY 12-INCH LF	520.2018 TEMPORARY 18-INCH LF	521.0112 CORRUGATED STEEL 12-INCH LF	521.0130 * CORRUGATED STEEL 30-INCH LF	522.0118 REINF. CONC. CLASS III 18-INCH LF	523.0119 REINF. CONC. CLASS III HORIZ ELLIP 19X30-INCH LF	521.1012 APRON ENDWALLS FOR CP 12-INCH EACH	521.1030 APRON ENDWALLS FOR CP 30-INCH EACH	522.1018 * APRON ENDWALLS REINF CONC. 18-INCH EACH	523.0519 APRON ENDWALLS REINF CONC. HE 19X30-INCH EACH	**JOINT TIES EACH 3	STEEL THICKNESS INCHES
0010																
	20+50	PARK 'N' RIDE	994.52	994.36	--	--	--	--	--	57	--	--	--	2	12	--
	20+55	PARK 'N' RIDE	994.47	994.29	--	--	--	--	--	56	--	--	--	2	12	--
	22+97	70TH	996.50	995.50	--	--	--	--	64	--	--	--	2	--	12	0.064
	66+00	65 NB RT	996.08	996.04	--	--	10	--	--	--	2	--	--	--	--	0.064
	80+67	65 NB LT	973.00	973.02	--	--	--	6	--	--	--	1	--	--	--	0.064
	80+67	65 NB RT	971.15	971.13	--	--	--	8	--	--	--	1	--	--	--	0.064
	17+00	'T' RT, PE	998.60	998.50	52	--	--	--	--	--	--	--	--	--	--	--
	18+00	'T'	996.28	995.75	--	77	--	--	--	--	--	--	--	--	--	--
	21+50	'T'	995.00	995.00	--	73	--	--	--	--	--	--	--	--	--	--
	22+25	'T' RT, PE	995.75	994.84	--	69	--	--	--	--	--	--	--	--	--	--
	24+00	'T' LT, PE	996.20	996.00	46	--	--	--	--	--	--	--	--	--	--	--
	25+88	'T'	995.00	993.80	--	90	--	--	--	--	--	--	--	--	--	--
PROJECT 1540-04-73 TOTAL					**98**	**309**	**10**	**14**	**64**	**113**	**2**	**2**	**2**	**4**	**36**	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** NON-BID ITEM: FOR INFORMATION ONLY
*** FIELD VERIFY

CURB RAMP DETECTABLE WARNING NATURAL PATINA

CATEGORY	STAGE	STATION	O/S	602.0515 (SF)
0010				
	STAGE 3			
		70TH AVENUE		
		19+00'E'	RT	10
		19+10'E'	RT	16
		19+20'E'	RT	16
	STAGE 3 TOTAL			42
	STAGE 4			
		70TH AVENUE		
		20+85'W'	LT	16
		20+90'W'	LT	16
		21+00'W'	LT	10
	STAGE 4 TOTAL			42
	STAGE 4A			
		NB STH 65		
		64+55'N'	RT	16
		64+65'N'	RT	16
		SB STH 65		
		64+45'S'	RT	20
		64+45'S'	RT	20
	STAGE 4A TOTAL			72
PROJECT 1540-04-73 TOTAL				**156**

CONCRETE CURB PEDESTRIAN

CATEGORY	STAGE	STATION	O/S	601.0600 (LF)
0010				
	STAGE 3			
		70TH AVENUE		
		19+05'E' - 19+20'E'	RT	35
	STAGE 3 TOTAL			35
	STAGE 4			
		70TH AVENUE		
		20+80'W' - 20+95'W'	LT	30
	STAGE 4 TOTAL			30
	STAGE 4A			
		NB STH 65		
		64+50'N' - 64+70'N'	RT	45
		SB STH 65		
		64+40'S' - 64+50'S'	RT	20
	STAGE 4A TOTAL			65
PROJECT 1540-04-73 TOTAL				**130**

OVERHEAD SIGN SUPPORT

CATEGORY	STRUCTURE NO.	641.8100.001 OVERHEAD SIGN SUPPORT (S-55-053) LS	641.8100.002 OVERHEAD SIGN SUPPORT (S-55-054) LS
0010			
	S-55-053	1	--
	S-55-054	--	1
PROJECT 1540-04-73 TOTAL		**1**	**1**

3

CURB & GUTTER

CATEGORY	STAGE	STATION TO STATION	465.0310 ASPHALTIC CURB LF	601.0409 30-INCH TYPE A LF	601.0555 6-INCH SLOPED 36-INCH TYPE A LF	601.0557 6-INCH SLOPED 36-INCH TYPE D LF	SPV.0090.003 36-INCH 4-INCH SLOPED TYPE A FULL DEPTH LF	650.5500 CONSTRUCTION STAKING CURB & GUTTER (LF)	REMARKS
0010									
	STAGE 1								
		NB STH 65							
		55+40'N' - 57+05'N' LT	170	--	--	--	--	170	CROSSOVER
	STAGE 1 TOTAL		170	0	0	0	0	170	
	STAGE 2								
		NB STH 65							
		59+50'N' - 64+50'N' RT	--	--	525	--	100	625	
		70TH AVENUE							
		21+00'E' - 21+55'E' RT	--	--	55	--	--	55	
		21+55'E' - 26+50'E' RT	--	--	--	70	--	70	
	STAGE 2 TOTAL		0	0	580	70	100	750	
	STAGE 2A								
		NB STH 65							
		61+06'N' - 64+36'N' LT	--	--	330	--	--	330	
		61+06'N' - 64+36'N' LT	--	--	330	--	--	330	
	STAGE 2A TOTAL		0	0	660	0	0	660	
	STAGE 3								
		NB STH 65						65	
		60+00'N' - 64+25'N' LT	--	--	425	--	--	425	LT TURN LANE
		SB STH 65							
		59+00'S' - 63+75'S' RT	--	--	475	--	--	475	MEDIAN
		57+00'S' - 59+10'S' RT	310	--	--	--	--	310	CROSSOVER
		70TH AVENUE							
		17+50'E' - 19+10'E' RT	--	--	210	--	--	210	
		18+35'E' - 19+12'E' LT	--	--	155	--	--	155	MEDIAN ISLAND
		18+70'E' - 19+25'E' RT	--	--	95	--	--	95	RT TURN ISLAND
	STAGE 3 TOTAL		310	0	1360	0	0	1670	
	STAGE 4								
		NB STH 65							
		54+05'N' - 55+35'N' LT	--	130	--	--	--	130	MEDIAN
		55+35'N' - 60+00'N' LT	--	--	470	--	--	470	MEDIAN
		65+62'N' - 74+25'N' LT	--	--	860	--	--	860	MEDIAN
		65+62'N' - 74+25'N' LT	--	--	860	--	--	860	MEDIAN
		SB STH 65							
		54+35'S' - 59+00'S' RT	--	--	470	--	--	470	MEDIAN
		65+35'S' - 66+63'S' LT	--	--	265	--	--	265	RT TURN ISLAND
		65+48'S' - 68+15'S' RT	--	--	530	--	--	530	LT TURN ISLAND
		72+88'S' - 74+75'S' LT	--	--	185	--	--		
		74+75'S' - 76+02'S' LT	--	--	--	125	--		
		70TH AVENUE							
		18+70'W' - 19+20'W' LT	--	--	65	--	--	65	NW QUAD
		20+75'W' - 21+20'W' LT	--	--	95	--	--	95	RT TURN ISLAND
		20+80'W' - 21+58'W' LT	--	--	110	--	--	110	NE QUAD
		23+40'W' - 23+80'W' LT	--	--	--	60	--	60	PARK & RIDE
		24+15'W' - 24+45'W' LT	--	--	--	45	--	45	PARK & RIDE
	STAGE 4 TOTAL		0	130	3910	230	0	4270	
	STAGE 4A								
		NB STH 65							
		63+78'N' - 64+73'N' RT	--	--	190	--	--	190	RT TURN ISLAND
		SB STH 65							
		63+75'S' - 64+50'S' RT	--	--	80	--	--	80	MEDIAN
		64+25'S' - 64+50'S' RT	--	--	25	--	--	25	MEDIAN
	STAGE 4A TOTAL		0	0	295	0	0		
PROJECT 1540-04-73 TOTAL			**480**	**130**	**6,805**	**300**	**100**	**7,815**	

FENCING

CATEGORY	LOCATION	STATION - STATION	616.0100 FENCE WOVEN WIRE 4-FT (LF)	616.0700.S FENCE SAFETY (LF)
0010				
	STH 65 South of 70th Ave	58+94'N' - 64+37'N'	549	--
	STH 65 North of 70th Ave	70+78'N' - 81+62'N'	1,116	--
	70th Ave E of STH 65	25+00'E' - 26+16'E'	116	--
	STH 65 SB	74+00'S' - 75+50'S'	--	150
PROJECT 1540-04-73 TOTAL			**1,781**	**150**

CONCRETE CORRUGATED MEDIAN

CATEGORY	STATION TO STATION	LOCATION	620.0100 (SF)
0010			
	NB STH 65		
	74+75'N' - 76+45'N'	LT	2020
	70TH AVENUE		
	20+85'E' - 21+55'E'	LT	440
PROJECT 1540-04-73 TOTAL			**2460**

3

TEMPORARY COVERS

CATEGORY	LOCATION	611.8120.S COVER PLATES TEMPORARY (EACH)	SPV.0060.006 TEMPORARY INLET COVER (EACH)
0010			
	PROJECT	5	5
PROJECT 1540-04-73 TOTAL		**5**	**5**

MGS GUARDRAIL

CATEGORY	STATION TO STATION	614.2300 MGS GUARDRAIL 3 (LF)	614.2610 TERMINAL EAT (EACH)	614.2620 TERMINAL TYPE 2 (EACH)	614.0395 GUARDRAIL MOW STRIP CONCRETE (SY)	614.0396 GUARDRAIL MOW STRIP ASPHALT (SY)	REMARKS
0010							
	NB STH 65						
	70+25'N' - 72+53'N' LT	175	1	1	115	--	
	76+15'N' - 81+84'N' RT	463	2	--	--	260	
	SB STH 65						
	60+45'S' - 62+11'S' LT	113	1	1	--	85	
	60+45'S' - 62+18'S' RT	150	1	1	100	--	
	72+00'S' - 74+03'S' RT	150	1	1	100	--	
	72+00'S' - 73+78'S' LT	125	1	1	50	45	
PROJECT 1540-04-73 TOTAL		**1,175**	**7**	**5**	**365**	**390**	

3

STORM SEWER PIPES

CATEGORY	FROM	-	TO	LOCATION	INLET	OUTLET	SLOPE FT/FT	608.0230 REINF. CONC CLASS II 30-INCH LF	608.0312 REINF. CONCRETE CLASS III 12-INCH LF	608.0315 REINF. CONCRETE CLASS III 15-INCH LF	608.0318 REINF. CONCRETE CLASS III 18-INCH LF	608.0324 REINF. CONCRETE CLASS III 24-INCH LF	608.0412 REINF. CONCRETE CLASS IV 12-INCH LF	608.0415 REINF. CONCRETE CLASS IV 15-INCH LF	608.0418 REINF. CONCRETE CLASS IV 18-INCH LF	608.0418 REINF. CONCRETE CLASS IV 24-INCH LF	**JOINT EACH
0010																	
	18.2	-	18.0	70TH WEST	996.25	996.00	0.0025	--	--	--	--	97	--	--	--	--	6
	18.3	-	18.2	70TH WEST	998.29	997.94	0.0052	--	67	--	--	--	--	--	--	--	--
	18.3	-	18.4	70TH WEST	998.79	998.36	0.0148	--	29	--	--	--	--	--	--	--	--
	18.5	-	18.2	70TH WEST	996.45	996.25	0.0036	--	--	--	--	59	--	--	--	--	6
	22.1	-	22.3	70TH EAST	996.00	995.30	0.0189	--	37	--	--	--	--	--	--	--	--
	22.3	-	22.0	70TH EAST	995.25	995.00	0.0043	--	--	--	--	58	--	--	--	--	6
	22.4	-	22.3	70TH EAST	995.50	995.25	0.0034	--	--	--	--	--	--	--	--	74	--
	22.5	-	22.4	70TH EAST	995.58	995.50	0.0030	--	--	--	25	--	--	--	--	--	--
	59.1	-	59.0	STH 65	1017.25	1016.67	0.0112	--	--	--	--	--	--	52	--	--	6
	59.3	-	59.2	STH 65	1018.37	1018.00	0.0370	--	--	--	--	--	10	--	--	--	6
	62.1	-	62.0	STH 65	1004.89	1004.75	0.0078	--	--	18	--	--	--	--	--	--	6
	62.2	-	62.1	STH 65	1005.40	1004.89	0.0111	--	--	--	--	--	46	--	--	--	--
	63.1	-	63.0	STH 65	1004.33	1004.16	0.0033	--	--	--	--	--	--	--	51	51	6
	63.2	-	63.1	STH 65	1004.65	1004.59	0.0032	--	--	19	--	--	--	--	--	--	--
	63.3	-	63.2	STH 65	1005.05	1004.90	0.0088	--	--	--	--	--	17	--	--	--	--
	64.1	-	64.0	STH 65	1000.68	1000.43	0.0036	--	--	--	--	--	--	70	--	--	6
	64.2	-	64.1	STH 65	1000.74	1000.68	0.0025	--	24	--	--	--	--	--	--	--	--
	64.3	-	64.2	STH 65	1000.79	1000.74	0.0029	--	--	--	--	--	17	--	--	--	--
	65.1	-	65.0	STH 65	998.20	998.00	0.0125	--	--	--	16	--	--	--	--	--	6
	65.2	-	65.1	STH 65	998.45	998.30	0.0071	--	--	--	--	--	--	21	--	--	--
	65.3	-	65.2	STH 65	999.00	998.70	0.0187	--	16	--	--	--	--	--	--	--	--
	65.4	-	65.3	STH 65	999.90	999.10	0.0222	--	--	--	--	--	36	--	--	--	--
	66.1	-	66.0	STH 65	999.01	996.78	0.0743	--	--	--	--	--	30	--	--	--	6
	66.2	-	66.1	STH 65	999.17	998.97	0.0250	--	8	--	--	--	--	--	--	--	--
	68.1	-	68.0	STH 65	996.23	996.00	0.0041	--	--	56	--	--	--	--	--	--	6
	68.2	-	68.1	STH 65	996.53	996.28	0.0278	--	--	9	--	--	--	--	--	--	--
	68.3	-	68.2	STH 65	997.00	996.75	0.0147	--	--	--	--	--	17	--	--	--	--
	68.4	-	68.3	STH 65	997.50	997.14	0.0150	--	24	--	--	--	--	--	--	--	--
	70.1	-	70.0	STH 65	993.50	993.27	0.0048	--	--	--	48	--	--	--	--	--	6
	70.2	-	70.1	STH 65	994.35	993.99	0.0097	--	37	--	--	--	--	--	--	--	--
	70.3	-	70.2	STH 65	994.57	994.45	0.0100	--	--	--	--	--	12	--	--	--	--
	73.0	-	74.0	STH 65	992.25	990.32	0.0147	131	--	--	--	--	--	--	--	--	6
	74.0	-	76.0	STH 65	990.35	989.70	0.0034	194	--	--	--	--	--	--	--	--	6
	74.1	-	74.0	STH 65	991.93	991.46	0.0109	--	--	--	--	--	--	43	--	--	--
	74.2	-	74.1	STH 65	992.40	992.18	0.0122	--	--	--	--	--	18	--	--	--	--
	74.3	-	74.2	STH 65	992.70	992.50	0.0100	--	--	--	--	--	20	--	--	--	--
	74.4	-	74.3	STH 65	993.00	992.80	0.0100	--	--	--	--	--	20	--	--	--	--
PROJECT 1540-04-73 TOTAL								**325**	**242**	**102**	**89**	**214**	**243**	**186**	**51**	**125**	**84**

* *NON-BID ITEM: FOR INFORMATION ONLY

3

LANDSCAPING

CATEGORY	STAGE	STATION TO STATION	625.0500 SALVAGED TOPSOIL (SY)	627.0200 MULCHING (SY)	628.2002 EROSION MAT CLASS I TYPE A (SY)	628.2004 EROSION MAT CLASS I TYPE B (SY)	629.0210 FERTILIZER TYPE B (CWT)	630.0120 SEEDING MIXTURE NO. 20 (LB)	630.0200 SEEDING TEMPORARY (LB)	SPV.0120.001 WATER FOR SEEDED AREAS (MGAL)
0010										
	STAGE 1									
		STH 65 (NORTHBOUND)								
		64+92 'N' - 82+71 'N'	439	439	439	---		---	12	89
		70TH AVE. (WESTBOUND)								
		13+17 'E' - 20+33 'E'	2,504	2,504	2,504	---	2	---	68	506
		20+33 'E' - 29+37 'E'	3,619	3,619	3,619	---	2	---	98	731
		UNDISTRIBUTED	656	656	656	---		---	18	133
	STAGE 1 TOTAL		7,218	7,218	7,218	---	5	---	195	1,459
	STAGE 2									
		STH 65 (NORTHBOUND)								
		53+84 'N' - 64+92 'N'	3,579	3,579	---	3,579	2	97	97	723
		64+92 'N' - 82+71 'N'	---	---	---	---	---	---	---	---
		70TH AVE. (EASTBOUND)								
		20+33 'E' - 29+37 'E'	856	856	---	856	1	23	23	173
		UNDISTRIBUTED	1,109	1,109	---	1,109	---	12	12	90
	STAGE 2 TOTAL		5,543	5,543	---	5,543	3	132	132	986
	STAGE 3									
		STH 65 (SOUTHBOUND)								
		53+84 'N' - 64+92 'N'	986	986	---	986	1	27	27	199
		64+92 'N' - 82+71 'N'	---	---	---	---	---	---	---	---
		UNDISTRIBUTED	247	247	---	247		3	3	20
	STAGE 3 TOTAL		1,233	1,233	---	1,233	1	29	29	219
	STAGE 4									
		STH 65 (NORTHBOUND)								
		64+92 'N' - 82+71 'N'	6,547	6,547	---	6,547	4	177	177	1,323
		STH 65 (SOUTHBOUND)								
		64+92 'N' - 82+71 'N'	7,667	7,667	---	7,667	5	207	207	1,550
		70TH AVE. (WESTBOUND)								
		13+17 'E' - 20+33 'E'	2,819	2,819	---	2,819	2	76	76	570
		20+33 'E' - 29+37 'E'	4,145	4,145	---	4,145	3	112	112	838
		UNDISTRIBUTED	5,294	5,294	---	5,294	3	57	57	428
	STAGE 4 TOTAL		26,472	26,472	---	26,472	17	629	629	4,709
PROJECT 1540-04-73 TOTAL			**40,466**	**40,466**	**7,218**	**33,248**	**25**	**790**	**985**	**7,373**

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EROSION CONTROL

CATEGORY	STAGE	STATION TO STATION	606.0200 RIPRAP MEDIUM (CY)	628.1104 EROSION BALES (EACH)	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)	628.1920 CLEANING SEDIMENT BASIN (CY)	628.6005 TURBIDITY BARRIERS (SY)	628.7005 INLET PROTECTION TYPE A (EACH)	628.7015 INLET PROTECTION TYPE C (EACH)	628.7020 INLET PROTECTION TYPE D (EACH)	628.7504 TEMPORARY DITCH CHECKS (LF)	628.7555 CULVERT PIPE CHECKS (EACH)	628.7560 TRACKING PADS (EACH)	645.0120 GEOTEXTILE TYPE HR (SY)
0010															
	STAGE 1														
		STH 65 (NORTHBOUND)													
		64+92 'N' - 82+71 'N'	---	---	---	---	---	---	---	---	---	10	---	---	---
		70TH AVE. (EASTBOUND)													
		13+17 'E' - 20+33 'E'	---	---	---	---	---	---	---	---	---	---	4	---	---
		20+33 'E' - 29+37 'E'	---	---	---	---	---	---	---	---	---	10	4	---	---
		70TH AVE. (WESTBOUND)													
		13+17 'E' - 20+33 'E'	4	12	508	508	---	---	---	---	---	10	---	1	8
		20+33 'E' - 29+37 'E'	4	3	529	529	---	---	---	---	---	---	4	1	8
		UNDISTRIBUTED	---	4	259	259	---	---	---	---	---	10	3	---	---
	STAGE 1 TOTAL		8	19	1,296	1,296	---	---	---	---	---	40	15	2	16
	STAGE 2														
		STH 65 (NORTHBOUND)													
		53+84 'N' - 64+92 'N'	13	3	323	323	---	---	10	10	---	90	---	1	26
		70TH AVE. (EASTBOUND)													
		20+33 'E' - 29+37 'E'	---	6	134	134	---	---	3	1	1	10	2	1	---
		UNDISTRIBUTED	---	2	114	114	---	---	1	1		30	1	---	---
	STAGE 2 TOTAL		13	11	571	571	---	---	14	12	1	130	3	2	26
	STAGE 3														
		STH 65 (SOUTHBOUND)													
		53+84 'N' - 64+92 'N'	9	9	396	396	---	---	7	9	1	---	---	1	18
		70TH AVE. (EASTBOUND)													
		13+17 'E' - 20+33 'E'	---	9	93	93	---	---	4	---	1	---	---	1	---
		UNDISTRIBUTED	---	5	122	122	---	---	1			---	---	---	---
	STAGE 3 TOTAL		9	23	611	611	---	---	12	9	2	---	---	2	18
	STAGE 4														
		STH 65 (NORTHBOUND)													
		64+92 'N' - 82+71 'N'	28	8	1014	1014	---	500	7	6	1	20	3	1	56
		STH 65 (SOUTHBOUND)													
		64+92 'N' - 82+71 'N'	---	9	633	633	10	---	7	6	---	---	5	1	---
		70TH AVE. (WESTBOUND)													
		13+17 'E' - 20+33 'E'	---	3	285	285	---	---	---	---	---	20	2	1	---
		20+33 'E' - 29+37 'E'	14	3	434	434	---	---	1	1	---	---	2	1	28
		UNDISTRIBUTED	---	6	592	592	3	125	2	1		10	3	---	---
	STAGE 4 TOTAL		42	29	2,958	2,958	13	625	17	14	1	50	15	4	84
PROJECT 1540-04-73 TOTAL			**72**	**82**	**5,436**	**5,436**	**13**	**625**	**43**	**36**	**4**	**220**	**32**	**10**	**144**

CONCRETE MEDIAN NOSES

CATEGORY	STAGE	STATION	O/S	620.0200 BLUNT NOSE (SF)	620.0300 SLOPED NOSE (SF)	REMARKS
0010						
	STAGE 2A					
		NB STH 65				
		61+00'N'	LT	--	70	TYPE 1
		64+40'N'	LT	--	145	TYPE 1
	STAGE 2A TOTAL			0	215	
	STAGE 3					
		NB STH 65				
		18+30'E'	LT	--	80	TYPE 1
		18+65'E'	RT	--	70	TYPE 1
		19+15'E'	LT	--	70	TYPE 1
		19+20'E'	RT	20	--	
		19+20'E'	RT	--	40	TYPE 2
	STAGE 3 TOTAL			20	260	
	STAGE 4					
		NB STH 65				
		65+60'N'	LT	--	85	TYPE 1
		SB STH 65				
		65+40'S'	LT	30	--	
		65+45'S'	LT	--	30	TYPE 2
		65+50'S'	RT	--	130	TYPE 2
		66+60'S'	LT	--	70	TYPE 1
		68+10'S'	RT	--	70	TYPE 1
		70TH AVENUE				
		20+75'W'	LT	--	35	TYPE 2
		20+80'W'	LT	20	--	
		21+25'W'	LT	--	65	TYPE 1
	STAGE 4 TOTAL			50	485	
	STAGE 4A					
		NB STH 65				
		63+75'N'	RT	--	70	TYPE 1
		64+70'N'	RT	--	30	TYPE 2
		64+75'N'	RT	30	--	
		SB STH 65				
		64+55'S'	RT	--	60	TYPE 1
	STAGE 4A TOTAL			0	60	
PROJECT 1540-04-73 TOTAL				**70**	**1,020**	

TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS & BASES

CATEGORY	STAGE	STATION TO STATION	643.0500 POSTS (EACH)	643.0600 BASES (EACH)
0010				
	STAGE 2			
		SB STH 65		
		55+00'S' - 57+00'S'	8	8
		57+00'S' - 65+00'S'	17	17
	STAGE 2 TOTAL		25	25
	STAGE 3			
		NB STH 65		
		58+50'N' - 61+50'N'	12	12
		61+50'N' - 65+00'N'	8	8
		SB STH 65		
		56+75'S' - 58+00'S' LT	10	10
	STAGE 3 TOTAL		30	30
	UNDISTRIBUTED		15	15
PROJECT 1540-04-73 TOTAL			**70**	**70**

EROSION CONTROL MOBILZATION

CATEGORY	LOCATION	628.1905 MOBILIZATION EROSION CONTROL (EACH)	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL (EACH)
0010			
	STAGE 1	3	1
	STAGE 2	4	2
	STAGE 3	4	2
	STAGE 4	3	1
PROJECT 1540-04-73 TOTAL		**14**	**6**

MARKERS

CATEGORY	STATION	O/S	LOCATION	633.5100 MARKERS ROW (EACH)	633.5200 MARKERS CULVERT END (EACH)
0010					
	59+34'N'	RT	NB STH 65	1	--
	60+58'N'	RT	NB STH 65	1	--
	61+77'N'	RT	NB STH 65	1	--
	63+65'N'	RT	NB STH 65	1	--
	67+45'S'	LT	SB STH 65	1	--
	69+60'S'	LT	SB STH 65	1	--
	73+22'S'	LT	SB STH 65	1	--
	73+52'S'	LT	SB STH 65	1	--
	77+19'S'	LT	SB STH 65	1	--
	21+56'E'	RT	70TH AVENUE	1	--
	23+62'E'	LT	70TH AVENUE	1	--
	23+62'E'	RT	70TH AVENUE	1	--
	PROJECT			--	23
PROJECT 1540-04-73 TOTAL				**12**	**23**

TRAFFIC CONTROL COVERING SIGNS

CATEGORY	STAGE	STATION	643.0910 TYPE I (EACH)	643.0920 TYPE II (EACH)	REMARKS
0010					
	STAGE 1				
		NB STH 65			
		44+25'N'	1	--	
		49+65'N'	1	--	
		SB STH 65			
		56+00'S'	1	--	
		IH 94 EB OFF-RAMP			
		EB RAMP	1	--	
	STAGE 1 TOTAL		4	0	
	STAGE 3A				
		NB STH 65			
		57+15'N'	--	1	
		SB STH 65			
		56+00'S'	1	--	
	STAGE 3A TOTAL		1	1	
	STAGE 4				
		NB STH 65			
		44+25'N'	1	--	DETOUR SHEET 10
		47+50'N'	--	1	DETOUR SHEET 10
		49+65'N'	1	--	DETOUR SHEET 10
		54+00'N'	--	1	DETOUR SHEET 10
		57+25'N'	--	1	STAGE 4
		59+75'N'	--	1	STAGE 4
		IH 94 / USH 12 EXIT 4			
		IH 94 / USH 12 EXIT 4	1	--	DETOUR SHEET 1
		STH 65 / USH 12 ROUNDABOUT			
		STH 65 / USH 12 ROUNDABOUT	1	10	DETOUR SHEET 3
		STH 65 / CTH TT ROUNDABOUT			
		STH 65 / CTH TT ROUNDABOUT	--	6	DETOUR SHEET 4
		IH 94 / STH 65 EXIT 10 WEST			
		IH 94 / STH 65 EXIT 10 WEST	3	1	DETOUR SHEET 8
		IH 94 / STH 65 EXIT 10 WEST			
		IH 94 / STH 65 EXIT 10 WEST	4	1	DETOUR SHEET 9
		IH 94 EB OFF-RAMP			
		EB RAMP	1	2	DETOUR SHEET 10
		IH 94 WB OFF-RAMP			
		WB RAMP	1	2	DETOUR SHEET 10
	STAGE 4 TOTAL		13	26	
	UNDISTRIBUTED		5	20	
PROJECT 1540-04-73 TOTAL			**23**	**47**	

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PERMANENT SIGNING TYPE II

CATEGORY	SIGN #	SIGN CODE	SIGN SIZE	SIGN SIZE WXH IN	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH 14 FT EACH	634.0616 POSTS WOOD 4X6-INCH 16 FT EACH	634.0618 POSTS WOOD 4X6-INCH 18 FT EACH	634.0622 POSTS WOOD 4X6-INCH 22 FT EACH	634.0808 POSTS TUBULAR STEEL 2X2-INCH 8 FT EACH	634.0809 POSTS TUBULAR STEEL 2X2-INCH 9.5 FT EACH	634.0814 POSTS TUBULAR STEEL 2X2-INCH 14 FT EACH	SIGN MOUNTED ON/SAME POST AS	REMARKS
0010																
	1-02	JV4-2	(3)	36X108	27	--	--	--	--	--	1	--	--	--		VERTICAL REASSURANCE ASSEMBLY
	1-03	R3-20-L	(3)	36X54	13.5	--	--	--	1	--	--	--	--	--		BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW
	1-04	R2-1	(3)	36X48	12	--	--	--	1	--	--	--	--	--		SPEED LIMIT 45 MPH
	2-01	W3-3	2M	36X36	--	--	9	--	2	--	--	--	--	--		SIGNAL AHEAD
	2-02	R3-8V	2M	72X30	15	--	--	1	1	--	--	--	--	--		LEFT ONLY / AHEAD ONLY / AHEAD ONLY / RIGHT ONLY
	2-03	R3-20-R	(3)	36X54	13.5	--	--	--	1	--	--	--	--	--		BEGIN RIGHT TURN LANE WITH DOWN LEFT ARROW
	2-04	D4-5-R	2S	30X36	7.5	--	--	--	1	--	--	--	--	--		PARK AND RIDE (CAR SYMBOL ONLY) RIGHT ARROW
	2-05	W3-2	(3)	36X36	--	--	9	--	2	--	--	--	--	--		YIELD AHEAD
	2-07	W2-6	(3)	36X36	--	--	9	--	--	1	--	--	--	--		CIRCULAR INTERSECTION SIGN
	2-08	W13-1	(3)	24X24	4	--	--	--	--	--	--	--	--	--	2-07	ADVISORY SPEED PLATE (YELLOW BACK)
	3-01	W12-1D	(3)	30X30	--	--	6.25	--	--	--	--	--	1	--		DOUBLE DOWN ARROW
	3-02	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-03	R10-50-L	2M	30X36	7.5	--	--	--	--	--	--	--	--	--	SIGNAL POLE	LEFT TURN YIELD ON FLASHING ARROW
	3-04	R3-4	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	NO U TURN SYMBOL
	3-05	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DO NOT ENTER
	3-06	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-07	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DO NOT ENTER
	3-08	R1-1	2M	36X36	7.46	--	--	--	--	--	--	--	--	1		STOP SIGN
	3-09	R10-50-L	2M	30X36	7.5	--	--	--	--	--	--	--	--	--	MONOTUBE	LEFT TURN YIELD ON FLASHING ARROW
	3-10	W12-1D	2M	24X24	--	--	4	--	--	--	--	1		--		DOUBLE DOWN ARROW
	3-11	R6-2-L	2M	30X36	7.5	--	--	--	--	--	--	--	--	--	SIGNAL POLE	ONE WAY LEFT ARROW
	3-12	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-13	R6-3	2M	30X24	5	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DIVIDED HIGHWAY SIGN CROSSROAD
	3-14	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DO NOT ENTER
	3-16	R4-7	(3)	36X48	12	--	--	--	--	--	--	--	--	--	SIGNAL POLE	KEEP RIGHT
	3-17	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-18	R1-1	2M	36X36	7.46	--	--	--	1	--	--	--	--	--		STOP SIGN
	3-19	W9-1L	2M	36X36	--	--	9	--	2	--	--	--	--	--		LEFT LANE ENDS
	3-20	W9-1L	2M	36X36	--	--	9	--	2	--	--	--	--	--		LEFT LANE ENDS
	3-21	R1-1	2M	36X36	7.46	--	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN
	3-22	W12-1D	(3)	30X30	--	--	6.25	--	--	--	--	--	1	--		DOUBLE DOWN ARROW
	3-23	R3-4	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	NO U TURN SYMBOL
	3-24	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DO NOT ENTER
	3-25	R10-50-L	2M	30X36	7.5	--	--	--	--	--	--	--	--	--	SIGNAL POLE	LEFT TURN YIELD ON FLASHING ARROW
	3-26	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-27	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DO NOT ENTER
	3-28	R1-1	2M	36X36	7.46	--	--	--	1	--	--	--	--	--		STOP SIGN
	3-29	R4-7	(3)	36X48	12	--	--	--	--	--	--	--	--	--	SIGNAL POLE	KEEP RIGHT
	3-30	R6-2-L	2M	30X36	7.5	--	--	--	--	--	--	--	--	--	SIGNAL POLE	ONE WAY LEFT ARROW
	3-31	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-32	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-33	R10-50-L	2M	30X36	7.5	--	--	--	--	--	--	--	--	--	SIGNAL POLE	LEFT TURN YIELD ON FLASHING ARROW
	3-34	W12-1D	2M	24X24	--	--	4	--	--	--	--	1	--	--		DOUBLE DOWN ARROW
	3-35	R6-3	2M	30X24	5	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DIVIDED HIGHWAY SIGN CROSSROAD
	3-36	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	SIGNAL POLE	DO NOT ENTER
	3-37	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-38	R1-1F	2M	36X36	--	7.46	--	--	--	--	--	--	--	--	SIGNAL POLE	STOP SIGN (FOLDING)
	3-40	R4-7	(3)	36X48	12	--	--	--	--	--	--	--	--	--	SIGNAL POLE	KEEP RIGHT
	3-41	J1-1	(3)	36X57	14.25	--	--	--	--	1	--	--	--	--		JUNCTION OR END ASSEMBLY
	3-42	J1-1	(3)	36X57	14.25	--	--	--	1	--	--	--	--	--		JUNCTION OR END ASSEMBLY
SUBTOTAL					**299.59**	**67.14**	**65.50**	**1**	**15**	**2**	**1**	**2**	**2**	**1**		

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PERMANENT SIGNING TYPE II (CONT.)

CATEGORY	SIGN #	SIGN CODE	SIGN SIZE	SIGN SIZE WXH IN	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH 14 FT EACH	634.0616 POSTS WOOD 4X6-INCH 16 FT EACH	634.0618 POSTS WOOD 4X6-INCH 18 FT EACH	634.0622 POSTS WOOD 4X6-INCH 22 FT EACH	634.0808 POSTS TUBULAR STEEL 2X2-INCH 8 FT EACH	634.0809 POSTS TUBULAR STEEL 2X2-INCH 9.5 FT EACH	634.0814 POSTS TUBULAR STEEL 2X2-INCH 14 FT EACH	SIGN MOUNTED ON/SAME POST AS	REMARKS
0010																
FROM PREVIOUS SHEET					299.59	67.14	65.50	1.00	15.00	2.00	1.00	2.00	2.00	1.00		
	4-01	W9-1L	2M	36X36	--	--	9	--	2	--	--	--	--	--		LEFT LANE ENDS
	4-02	W9-1L	2M	36X36	--	--	9	--	2	--	--	--	--	--		LEFT LANE ENDS
	4-03	R3-20-R	(3)	36X54	13.5	--	--	--	--	1	--	--	--	--		BEGIN RIGHT TURN LANE WITH DOWN LEFT ARROW
	4-04	R3-20-L	(3)	36X54	13.5	--	--	--	1	--	--	--	--	--		BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW
	4-06	W4-2L	2M	36X36	--	--	9	--	2	--	--	--	--	--		LANE REDUCTION TRANSITION SYMBOL (LEFT)
	4-07	W4-2L	2M	36X36	--	--	9	--	2	--	--	--	--	--		LANE REDUCTION TRANSITION SYMBOL (LEFT)
	4-08	W6-2	2M	36X36	--	--	9	--	1	--	--	--	--	--		DIVIDED HIGHWAY ENDS SYMBOL
	4-09	R5-1A	2M	42X30	8.75	--	--	--	--	--	--	--	--	--	4-08	WRONG WAY
	4-10	R10-64	2M	30X36	7.5	--	--	--	1	--	--	--	--	--		NO ENGINE BREAKING EXCEPT IN EMERGENCY
	4-11	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	4-10	DO NOT ENTER
	4-12	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	1		DO NOT ENTER
	4-13	R3-8V	2M	72X30	15	--	--	1	1	--	--	--	--	--		LEFT ONLY / AHEAD ONLY / AHEAD ONLY / RIGHT ONLY
	4-14	W3-3	2M	36X36	--	--	9	--	2	--	--	--	--	--		SIGNAL AHEAD
	5-01	R2-1	(3)	36X48	12	--	--	--	1	--	--	--	--	--		SPEED LIMIT 50 MPH
	5-02	R2-1	(3)	36X48	12	--		--	1	--	--	--	--	--		SPEED LIMIT 45 MPH
	5-03	W3-5	2S	36X36	--	--	9	--	2	--	--	--	--	--		SPEED LIMIT 45 MPH AHEAD (ARROW)
	5-04	W6-3	2M	36X36	--	--	9	--	1	--	--	--	--	--		TWO WAY TRAFFIC SYMBOL
	5-05	R5-1	2M	36X36	9	--	--	--	--	--	--	--	--	--	5-04	DO NOT ENTER
	5-06	W6-1	2M	36X36	--	--	9	--	2	--	--	--	--	--		DIVIDED HIGHWAY AHEAD SYMBOL
	7-01	R7-1-D	2S	18X24	3	--	--	1	--	--	--	--	--	--		NO PARKING ANY TIME - DOUBLE ARROW
	7-02	R3-8-W	2S	54X30	11.25	--	--	2	--	--	--	--	--	--		LEFT ONLY / AHEAD ONLY / RIGHT ONLY
	7-03	R4-7	2S	24X30	5	--	--	--	--	--	--	--	--	1		KEEP RIGHT
	7-04	R2-1	2S	24X30	5	--	--	--	1	--	--	--	--	--		SPEED LIMIT 35 MPH
	7-05	R7-1-D	2S	18X24	3	--	--	--	--	--	--	--	--	--	7-04	NO PARKING ANY TIME - DOUBLE ARROW
	8-01	R1-1	2S	30X30	5.18	--	--	1	--	--	--	--	--	--		STOP SIGN
	8-02	R2-1	2S	24X30	5	--	--	--	--	1	--	--	--	--		SPEED LIMIT 45 MPH
	8-03	D4-5-L	(3)	36X48	12	--	--	--	--	--	--	--	--	--	8-02	PARK AND RIDE (CAR SYMBOL ONLY) LEFT ARROW
	8-04	R3-8-W	2S	54X30	11.25	--	--	--	2	--	--	--	--	--		LEFT ONLY / AHEAD ONLY / RIGHT ONLY
	8-05	R7-1-D	2S	18X24	3	--	--	1	--	--	--	--	--	--		NO PARKING ANY TIME - DOUBLE ARROW
	8-06	R7-1-D	2S	18X24	3	--	--	1	--	--	--	--	--	--		NO PARKING ANY TIME - DOUBLE ARROW
	8-07	D12-2A	2S	60X42	17.5	--	--	--	2	--	--	--	--	--		RIDESHARE INFO CALL (LOCAL NUMBER)
	8-08	R1-1	2S	30X30	5.18	--	--	1	--	--	--	--	--	--		STOP SIGN
	8-09	R7-65	(3)	30X24	5	--	--	1	--	--	--	--	--	--		PARK & RIDE PARKING ONLY
	8-10	W3-3	2S	36X36	9	--	--	--	2	--	--	--	--	--		SIGNAL AHEAD
PROJECT 1540-04-73 TOTAL					**512.20**	**67.14**	**146.50**	**10**	**43**	**4**	**1**	**2**	**2**	**3**		

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MOVING SIGNS TYPE II & MOVING SMALL SIGN SUPPORTS

CATEGORY	STAGE	STATION	O/S	LOCATION	SIGN CODE	638.2101 MOVING SIGNS TYPE I EACH	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
0010										
	STAGE 1									
		49+65'N'	RT	NB STH 65		1	--	--	--	ROBERTS/NEW RICHMOND/HUDSON
	STAGE 1 TOTAL					1	0	0		
	STAGE 2									
		57+15'N'	LT	NB STH 65	J4-2	--	1	1	--	REASSURANCE ASSEMBLY
		58+10'N'	LT	NB STH 65	R2-1	--	1	1	--	SPEED LIMIT [__] MPH
		59+25'N'	LT	NB STH 65	W3-3	--	1	1	--	SIGNAL AHEAD
		61+00'S'	LT	SB STH 65	J1-1	--	1	2	--	JUNCTION OR END ASSEMBLY
		62+25'N'	LT	NB STH 65	R3-8W	--	1	2	--	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
		14+50'TR'	LT	TEMP ROAD	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
		16+00'TR'	RT	TEMP ROAD	W3-3	--	1	1	--	SIGNAL AHEAD
		16+00'TR'	RT	TEMP ROAD	R7-1D	--	1	--	--	NO PARKING ANY TIME (DOUBLE ARROW)
		17+00'TR'	LT	TEMP ROAD	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
		17+00'TR'	LT	TEMP ROAD	R2-1	--	1	--	--	SPEED LIMIT [ ] MPH
		17+35'TR'	RT	TEMP ROAD	R1-1	--	1	1	--	STOP SIGN
		17+60'TR'	RT	TEMP ROAD	R3-8	--	1	1	--	LEFT, AHEAD / RIGHT ONLY
		19+50'TR'	LT	TEMP ROAD	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
		23+75'TR'	LT	TEMP ROAD	R1-1	--	1	1	--	STOP SIGN
		23+75'TR'	RT	TEMP ROAD	D4-5L	--	1	1	--	PARK & RIDE LEFT ARROW
		24+15'TR'	LT	TEMP ROAD	R7-65	--	1	1	--	PARK & RIDE PARKING ONLY
		24+15'TR'	LT	TEMP ROAD	D12-2A	--	1	2	--	RIDESHARE INFORMATION
		24-90'TR'	RT	TEMP ROAD	R2-1	--	1	1	--	SPEED LIMIT [__] MPH
		27+25'TR'	LT	TEMP ROAD	W3-3	--	1	1	--	SIGNAL AHEAD
	STAGE 2 TOTAL					0	19	20		
	STAGE 2A									
		58+15'N'	RT	NB STH 65	J4-2	--	1	1	--	REASSURANCE ASSEMBLY
		58+10'N'	RT	NB STH 65	R2-1	--	1	1	--	SPEED LIMIT [__] MPH
		59+25'N'	RT	NB STH 65	W3-3	--	1	1	--	SIGNAL AHEAD
		63+50'N'	RT	NB STH 65	R3-8W	--	1	2	--	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
		64+25'N'	RT	NB STH 65	D4-5R	--	1	1	--	PARK & RIDE RIGHT ARROW
	STAGE 2A TOTAL					0	5	6		
	STAGE 3									
		57+50'S'	LT	SB STH 65	J1-1	--	1	2	--	JUNCTION OR END ASSEMBLY
		60+25'N'	LT	SB STH 65	J1-1	--	1	2	--	JUNCTION OR END ASSEMBLY
		63+25'N'	LT	SB STH 65	J1-1	--	1	1	--	JUNCTION OR END ASSEMBLY
		67+40'N'	LT	SB STH 65	R3-8W	--	1	2	--	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
	STAGE 3 TOTAL					0	4	7		

3

MOVING SIGNS TYPE II & MOVING SMALL SIGN SUPPORTS (CONT.)

CATEGORY	STAGE	STATION	O/S	LOCATION	SIGN CODE	638.2101 MOVING SIGNS TYPE I EACH	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
0010										
	STAGE 3A									
		55+00'S'	LT	SB STH 65	J1-1	--	1	2	--	JUNCTION OR END ASSEMBLY
		57+15'N'	LT	SB STH 65	J1-1	--	1	2	--	JUNCTION OR END ASSEMBLY
		58+50'N'	LT	SB STH 65	W2-6	--	3	1	--	CIRCULAR INTERSECTION SIGN
	STAGE 3A TOTAL					0	5	5		
	STAGE 4									
		54+85'S'	LT	SB STH 65	W2-6	--	3	1	--	CIRCULAR INTERSECTION SIGN
		56+90'S'	LT	SB STH 65	J1-1	--	1	2	--	JUNCTION OR END ASSEMBLY
		59+00'S'	LT	SB STH 65	J1-1	--	1	2	--	JUNCTION OR END ASSEMBLY
		59+75'N'	RT	NB STH 65	R3-8W	--	1	2	--	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
		14+50'E'	LT	70TH AVENUE	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
		16+00'E'	RT	70TH AVENUE	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
		16+00'E'	RT	70TH AVENUE	W3-3	--	1	--	--	SIGNAL AHEAD
		17+00'E'	LT	70TH AVENUE	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
		17+00'E'	LT	70TH AVENUE	R2-1	--	1	--	--	SPEED LIMIT [__] MPH
		17+35'E'	RT	70TH AVENUE	R1-1	--	1	1	--	STOP SIGN
		17+75'E'	RT	70TH AVENUE	R3-8	--	1	1	--	LEFT, AHEAD / RIGHT ONLY
		21+90'E'	RT	70TH AVENUE	D4-5L	--	1	1	--	PARK & RIDE LEFT ARROW
		22+00'E'	LT	70TH AVENUE	R1-1	--	1	1	--	STOP SIGN
		22+50'E'	LT	70TH AVENUE	R7-65	--	1	1	--	PARK & RIDE PARKING ONLY
		22+50'E'	LT	70TH AVENUE	D12-2A	--	1	2	--	RIDESHARE INFORMATION
		23+50'E'	RT	70TH AVENUE	R2-1	--	1	1	--	SPEED LIMIT [__] MPH
		26+25'E'	LT	70TH AVENUE	W3-3	--	1	1	--	SIGNAL AHEAD
	STAGE 4 TOTAL					0	19	19		
	STAGE 4A									
		49+65'N'	RT	NB STH 65		1	--	--	--	ROBERTS/NEW RICHMOND/HUDSON
	STAGE 4A TOTAL					1	0	0		
	UNDISTRIBUTED					2	15	15		
PROJECT 1540-04-73 TOTAL						**4**	**67**	**72**		

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SIGNING REMOVALS

CATEGORY	SIGN #	LOCATION	SIGN CODE	638.2601 REMOVING SIGNS TYPE I EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
0010								
	1R01	STH 65	W4-2R	--	1	1	--	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
	R102	STH 65	W4-2R	--	1	1	--	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
	1R03	STH 65	J1-1	--	1	--	LIGHT POLE	JUNCTION OR END ASSEMBLY
	1R04	STH 65	J4-1	--	1	--	LIGHT POLE	REASSURANCE ASSEMBLY
	1R05	STH 65	R2-1	--	1	1	--	SPEED LIMIT 45 MPH
	1R06	STH 65	W3-3	--	1	--	SIGNAL POLE	SIGNAL AHEAD
	2R01	STH 65	R3-8W	--	1	2	--	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
	2R02	STH 65	R5-1	--	1	--	2R01	DO NOT ENTER
	2R03	STH 65	W2-6	--	1	--	LIGHT POLE	CIRCULAR INTERSECTION SIGN
	2R04	STH 65	W2-6P	--	1	--	LIGHT POLE	ROUNDABOUT AHEAD PLAQUE
	2R05	STH 65	W13-1	--	1	--	LIGHT POLE	ADVISORY SPEED (YELLOW BACK)
	2R06	STH 65	R4-7	--	1	1	--	KEEP RIGHT
	2R07	STH 65	J1-2	--	1	3	--	JUNCTION OR END ASSEMBLY
	2R08	STH 65	W6-2	--	1	1	--	DIVIDED HIGHWAY ENDS SYMBOL
	2R09	STH 65	W3-2	--	1	1	--	YIELD AHEAD
	3R01	STH 65	D4-5R	--	1	1	--	PARK & RIDE RIGHT ARROW
	3R02	STH 65	R2-1	--	1	1	--	SPEED LIMIT 45 MPH
	3R03	STH 65	J1-1	--	1	1	--	JUNCTION OR END ASSEMBLY
	3R04	STH 65		--	1	1		STH 65
	3R05	STH 65		--	1	--	3R04	70TH AVENUE
	3R06	STH 65	W6-3	--	1	1	--	TWO WAY TRAFFIC
	3R07	STH 65	W6-2	--	1	1	--	DIVIDED HIGHWAY ENDS SYMBOL
	4R01	STH 65	R3-8W	--	1	2	--	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
	4R02	STH 65	R10-64	--	1	1	--	NO ENGINE BREAKING EXCEPT IN EMERGENCY
	4R03	STH 65	W3-3	--	1	--	SIGNAL POLE	SIGNAL AHEAD
	5R01	STH 65	R2-1	--	1	1	--	SPEED LIMIT 50 MPH
	5R02	STH 65	R2-1	--	1	1	--	SPEED LIMIT 45 MPH
	5R03	STH 65	W3-5	--	1	1	--	SPEED LIMIT 45 MPH AHEAD (ARROW)
	6R01	STH 65	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
	6R02	STH 65	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
	6R03	STH 65	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
	6R04	STH 65	R3-8	--	1	1	--	LEFT, AHEAD / RIGHT ONLY
	6R05	STH 65	R2-1	--	1	1	--	SPEED LIMIT 35 MPH
	6R06	STH 65	R7-1D	--	1	--	6R07	NO PARKING ANY TIME (DOUBLE ARROW)
	7R01	STH 65	R1-1	--	1	--	LIGHT POLE	STOP SIGN
	7R02	STH 65	D4-5L	--	1	1	--	PARK & RIDE LEFT ARROW
	7R03	STH 65	R1-1	--	1	1	--	STOP SIGN
	7R04	STH 65	R7-65	--	1	1	--	PARK & RIDE PARKING ONLY
	7R05	STH 65	D12-2A	--	1	2	--	RIDESHARE INFORMATION
	7R06	STH 65	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
	7R07	STH 65	R7-1D	--	1	1	--	NO PARKING ANY TIME (DOUBLE ARROW)
	7R08	STH 65	W3-3	--	1	1	--	SIGNAL AHEAD
	UNDISTRIBUTED			1	--	--	--	
PROJECT 1540-04-73 TOTAL				**1**	**42**	**36**		

PERMANENT SIGNING TYPE I

CATEGORY	SIGN #	SIGN CODE	W IN	SIGN SIZE X	H IN	637.1220 SIGNS TYPE I REFLECTIVE SH SF	MOUNT ON	REMARKS
0010								
	1-01	--	48	X	12	4	S-55-044	"ONLY"
	1-05	--	48	X	12	4	S-55-046	"ONLY"
	2-06	--	96	X	90	60	S-55-053	OVERHEAD GUIDANCE
	3-15	M1-94	108	X	18	13.5	S-53-1369-02	"70TH AVENUE"
	3-39	M1-94	108	X	18	13.5	S-53-1369-02	"70TH AVENUE"
	4-05	M1-94	96	X	90	60	S-55-054	OVERHEAD GUIDANCE
PROJECT 1540-04-73 TOTAL						**155**		

TRAFFIC CONTROL

CATEGORY	LOCATION	STAGE DAYS	643.0100.001 TRAFFIC CONTROL (1540-04-73) EACH	643.0300 DRUMS (DAY)	643.0420 BARRICADES TYPE III (DAY)	643.0705 WARNING LIGHTS TYPE A (DAY)	643.0715 WARNING LIGHTS TYPE C (DAY)	643.0900 SIGNS (DAY)	643.1050 SIGNS PCMS (DAY)	643.2000 DETOUR PROJECT (EACH)	643.3000 DETOUR SIGNS (DAY)
0010											
	PRE STAGE	21	1	1,400	140	280	---	1,008	56	---	---
	STAGE 1	28	--	5,068	280	560	---	1,204	56	---	---
	STAGE 2	33	--	5,841	1,485	2,244	1,122	1,881	66	---	---
	STAGE 2A	19	--	4,047	988	1,558	380	1,197	38	---	---
	STAGE 3	25	--	5,425	1,400	2,150	750	1,600	50	---	---
	STAGE 3A	20	--	4,120	1,200	1,840	560	1,400	40	---	---
	STAGE 4	66	--	13,200	2,112	3,960	---	3,828	396	---	20,262
	STAGE 4A	17	--	2,873	255	510	85	799	34	---	---
	UNDISTRIBUTED		--	219	103	146	70	147	70	1	208
PROJECT 1540-04-73 TOTAL			**---**	**42,193**	**7,963**	**13,248**	**2,967**	**13,064**	**806**	**1**	**20,470**

PAVEMENT MARKING

CATEGORY		646.0106 EPOXY 4-INCH YELLOW (LF)	646.0106 EPOXY 4-INCH WHITE SOLID (LF)	646.0106 EPOXY 4-INCH WHITE 12.5 SEG, 37.5 GAP (LF)	646.0106 EPOXY 4-INCH WHITE 3' SEG, 9' GAP (LF)	646.0126 EPOXY 8-INCH WHITE SOLID (LF)	646.0126 EPOXY 8-INCH WHITE 3' SEG, 9' GAP (LF)	647.0166 ARROWS EPOXY TYPE 2 (EACH)	647.0196 ARROWS EPOXY TYPE 5 (EACH)	647.0356 WORDS EPOXY (EACH)	647.0206 ARROWS BIKE LANE EPOXY (EACH)	647.0456 CURB EPOXY YELLOW (LF)	647.0566 STOP LINE EPOXY 18-INCH (LF)	647.0606 ISLAND NOSE EPOXY YELLOW (EACH)	647.0726 DIAGONAL EPOXY 12-INCH (LF)	647.0766 CROSSWALK EPOXY 6-INCH (LF)	647.0856 CONCRETE CORRUGATED MEDIAN EPOXY YELLOW (SF)	647.0856 CONCRETE CORRUGATED MEDIAN EPOXY WHITE (SF)
0010	STH 65 NB & MEDIAN																	
	SOUTH OF INTERSECTION	329	688	230	53	643	86	5	--	4	2	--	--	--	36	--	--	--
	NORTH OF INTERSECTION	2631	1651	230	--	--	--	--	2	--	--	--	--	--	41	--	762	--
	STH 65 SB																	
	SOUTH OF INTERSECTION	636	342	--	55	839	104	3	--	--	--	--	--	--	94	--	--	--
	NORTH OF INTERSECTION	1737	2077	230	135	640	38	5	--	3	2	--	--	--	48	--	--	--
	INTERSECTION	--	--	--	--	--	48	--	--	--	--	131	247	3	--	477	--	--
	70TH AVE WEST OF INTERSECTION	1048	431	--	--	155	--	2	--	2	1	28	--	1	76	--	--	--
	70TH AVE EAST OF INTERSECTION	1670	827	--	--	264	--	3	--	2	1	--	27	--	--	--	--	180
	TRAFFIC CONTROL PM REPLACEMENT																	
	EB OFF-RAMP	--	--	--	--	455	30	--	--	--	--	--	--	--	59	--	--	--
	SOUTH OF ROUNDABOUTS	--	--	--	--	260	40	--	--	--	--	--	--	--	33	--	--	--
	SOUTH ROUNDABOUT	--	7	--	--	179	--	--	--	--	--	--	--	--	--	--	--	--
	BETWEEN ROUNDABOUTS	--	--	88	--	232	25	--	--	--	--	--	--	--	42	--	--	--
	NORTH ROUNDABOUT	--	--	--	--	95	--	--	--	--	--	--	--	--	--	--	--	--
	NORTH OF ROUNDABOUTS	--	--	34	--	297	--	--	--	--	--	--	--	--	54	--	--	--
	70TH AVE WEST OF INTERSECTION	464	222	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	70TH AVE EAST OF INTERSECTION	300	201	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PROJECT 1540-04-73 TOTAL				**16,316**			**4,431**	**18**	**2**	**11**	**6**	**159**	**274**	**4**	**483**	**477**	**942**	

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TEMPORARY PAVEMENT MARKING

			649.0400	649.0402	649.0801	649.0802	649.1100	649.1200	649.1802	649.2002	
			TEMPORARY PAVEMENT MARKING								
CATEGORY	STAGE	STATION TO STATION	REMOVABLE TAPE 4-INCH LF	PAINT 4-INCH LF	REMOVABLE TAPE 8-INCH LF	PAINT 8-INCH LF	STOP LINE 18-INCH LF	STOP LINE REMOVABLE TAPE 18-INCH LF	ARROWS PAINT EACH	WORDS PAINT EACH	DESCRIPTION
0010											
	STAGE 1										
		NB STH 65									
		42+50'N' - 45+60'N' RT	--	--	305	--	--	--	--	--	EDGELINE
		47+25'N' - 51+25'N' RT	400	--	--	--	--	--	--	--	EDGELINE
		51+25'N' - 52+35'N'	--	--	110	--	--	--	--	--	CHANNELIZING
		53+80'N' - 59+00'N'	520	--	--	--	--	--	--	--	EDGELINE
		SB STH 65									
		54+00'S' - 58+25'S'	--	--	425	--	--	--	--	--	EDGELINE
		SOUTH ROUNDABOUT									
		45+60'N' - 47+25'N'	--	--	500	--	--	--	--	--	CHANNELIZING
		NORTH ROUNDABOUT									
		52+40'N' - 53+75'N'	--	--	250	--	--	--	--	--	CHANNELIZING
		IH 94 EB RAMP									
		IH 94 EB RAMP	--	--	410	--	--	--	--	--	EDGELINE
	STAGE 1 TOTAL		920	0	2000	0	0	0	0	0	
	STAGE 2										
		NB STH 65									
		53+75'N' - 54+90'N' RT	135	--	--	--	--	--	--	--	EDGELINE
		53+75'N' - 54+15'N' RT	40	--	--	--	--	--	--	--	EDGELINE
		54+15'N' - 54+75'N' LT	--	85	--	--	--	--	--	--	EDGELINE
		54+90'N' - 55+50'N' LT	--	85	--	--	--	--	--	--	EDGELINE
		54+75'N' - 55+50'N' LT	75	--	--	--	--	--	--	--	EDGELINE
		65+15'N' LT	--	--	--	--	36	--	--	--	STOPLINE
		66+20'N' - 68+90'N'	--	540	--	--	--	--	--	--	DOUBLE YELLOW
		66+20'N' - 69+50'N' RT	--	330	--	--	--	--	--	--	EDGELINE
		SB STH 65									
		53+75'S' - 60+40'S' LT	1330	--	--	--	--	--	--	--	DOUBLE YELLOW
		55+50'S' - 59+50'S' RT	400	--	--	--	--	--	--	--	EDGELINE
		58+00'S' - 60+50'S' LT	60	--	--	--	--	--	--	--	3' SKIP - 9' GAP
		59+50'S' - 65+15'S' RT	--	565	--	--	--	--	--	--	EDGELINE
		60+00'S' - 62+25'S'	--	450	--	--	--	--	--	--	DOUBLE YELLOW
		60+40'S' - 65+15'S'	--	950	--	--	--	--	--	--	DOUBLE YELLOW
		62+25'S' - 65+15'S' RT	--	--	--	580	--	--	--	--	2 - CHANNELIZING
		62+75'S' - 65+15'S' LT	--	240	--	--	--	--	--	--	EDGELINE
		66+30'S' RT	--	--	--	--	40	--	--	--	STOPLINE
		66+30'S' - 67+45'S' LT	--	--	--	230	--	--	--	--	2 - CHANNELIZING
		70TH AVENUE / TEMPORARY ROAD									
		12+75'TR' - 14+00'TR'	250	--	--	--	--	--	--	--	DOUBLE YELLOW
		12+75'TR' - 13+50'TR' LT	75	--	--	--	--	--	--	--	EDGELINE
		13+35'TR' - 14+45'TR' RT	150	--	--	--	--	--	--	--	EDGELINE
		13+50'TR' - 20+35'TR' LT	--	710	--	--	--	--	--	--	EDGELINE
		14+00'TR' - 19+70'TR'	--	575	--	--	--	--	--	--	DOUBLE YELLOW
		15+00'TR' RT	55	--	--	--	--	--	--	--	EDGELINE
		15+15'TR' - 17+00'TR' RT	--	210	--	--	--	--	--	--	EDGELINE
		17+00'TR' - 17+20'TR' RT	100	--	--	--	--	--	--	--	EDGELINE
		17+20'TR' - 19+65'TR' RT	--	275	--	--	--	--	--	--	EDGELINE
		18+50'TR' - 19+70'TR' RT	--	--	--	120	--	--	--	--	CHANNELIZING
		19+70'TR' RT	--	--	--	--	45	--	--	--	STOPLINE
		20+50'TR' - 27+25'TR' RT	--	675	--	--	--	--	--	--	EDGELINE
		21+00'TR' - 29+15'TR' LT	--	815	--	--	--	--	--	--	EDGELINE
		21+10'TR' LT	--	--	--	--	25	--	-	--	STOPLINE
		21+10'TR' - 28+00'TR'	--	1380	--	--	--	--	--	--	DOUBLE YELLOW
		27+25'TR' - 29+00'TR' RT	--	175	--	--	--	--	--	--	EDGELINE
		28+00'TR' - 29+15'TR'	--	230	--	--	--	--	--	--	DOUBLE YELLOW
	STAGE 2 TOTAL		2670	8290	0	930	146	0	0	0	

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TEMPORARY PAVEMENT MARKING (CONT.)

			649.0400	649.0402	649.0801	649.0802	649.1100	649.1200	649.1802	649.2002	
			TEMPORARY PAVEMENT MARKING								
			REMOVABLE TAPE 4-INCH	PAINT 4-INCH	REMOVABLE TAPE 8-INCH	PAINT 8-INCH	STOP LINE 18-INCH	STOP LINE REMOVABLE TAPE 18-INCH	ARROWS PAINT	WORDS PAINT	
CATEGORY	STAGE	STATION TO STATION	LF	LF	LF	LF	LF	LF	EACH	EACH	DESCRIPTION
0010											
	STAGE 2A										
		NB STH 65									
		53+75'N' - 65+25'N' RT	2300	--	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		55+35'N' - 65+20'N' RT	985	--	--	--	--	--	--	--	EDGELINE
		59+50'N' - 62+50'N' RT	600	--	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		62+75'N' - 65+25'N' RT	--	--	250	--	--	--	--	--	
		63+50'N' - 65+25'N' RT	--	--	175	--	--	--	--	--	
		65+25'N' - 65+50'N'	--	80	--	--	50	--	--	--	EDGELINE
		66+00'N' - 69+50'N' RT	--	350	--	--	--	--	--	--	EDGELINE
		66+10'N' - 69+10'N' RT	--	660	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		SB STH 65									
		57+90'S' - 60+40'S' LT	65	--	--	--	--	--	--	--	3' SKIP - 9' GAP
		70TH AVENUE / TEMPORARY ROAD									
		21+00'TR' - 23+00'TR' RT	--	200	--	--	--	--	--	--	EDGELINE
		21+50'TR' LT	--	--	--	--	25	--	--	--	STOPLINE
	STAGE 2A TOTAL		3950	1290	425	0	75	0	0	0	
	STAGE 3										
		NB STH 65									
		66+00'N' - 69+10'N' LT	--	310	--	--	--	--	--	--	EDGELINE
		66+25'N' - 67+35'N' RT	--	--	--	110	--	--	--	--	CHANNELIZING
		66+25'N' - 67+35'N' RT	--	--	--	110	--	--	--	--	CHANNELIZING
		66+25'N'	--	--	--	--	40	--	--	--	STOPLINE
		67+40'N' - 68+90'N' RT	--	300	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		SB STH 65									
		56+50'S' - 58+00'S' LT	---	--	150	--	--	--	--	--	GORE CHANNELIZING
		57+00'S' - 58+00'S' LT	--	--	100	--	--	--	--	--	GORE CHANNELIZING
		56+00'S' - 60+50'N'	450	--	--	--	--	--	--	--	EDGELINE
		57+00'S' - 65+25'N'	775	--	--	--	--	--	--	--	EDGELINE
		70TH AVENUE / TEMPORARY ROAD									
		16+50'TR' - 16+60'TR' RT	--	55	--	--	--	--	--	--	EDGELINE
		16+60'TR' - 17+00'TR RT	150	--	--	--	--	--	--	--	DRIVEWAY MARKING
		17+00'TR' - 17+50'TR' RT	--	80	--	--	--	--	--	--	EDGELINE
		19+10'TR' - 20+25'TR' RT	--	115	--	--	--	--	--	--	EDGELINE
		19+65'TR' - 20+50'TR' LT	--	85	--	--	--	--	--	--	EDGELINE
		19+70'TR' - 20+20'TR'	--	100	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		19+70'TR' - 20+20'TR'	--	--	--	50	--	--	--	--	CHANNELIZING
		20+20'TR' RT	--	--	--	--	35	--	--	--	STOPLINE
	STAGE 3 TOTAL		1375	1045	250	270	75	0	0	0	

TEMPORARY PAVEMENT MARKING (CONT.)

CATEGORY	STAGE	STATION TO STATION	649.0400 REMOVABLE TAPE 4-INCH LF	649.0402 PAINT 4-INCH LF	649.0801 REMOVABLE TAPE 8-INCH LF	649.0802 PAINT 8-INCH LF	649.1100 STOP LINE 18-INCH LF	649.1200 STOP LINE REMOVABLE TAPE 18-INCH LF	649.1802 ARROWS PAINT EACH	649.2002 WORDS PAINT EACH	DESCRIPTION
			TEMPORARY PAVEMENT MARKING								
0010											
	STAGE 3A										
		SB STH 65									
		54+75'S' - 56+75'N'	200	--	--	--	--	--	--	--	EDGELINE
		55+00'S' - 60+50'N'	550	--	--	--	--	--	--	--	EDGELINE
		70TH AVENUE / TEMPORARY ROAD									
		16+50'TR' - 17+50'TR' RT	--	100	--	--	--	--	--	--	EDGELINE
		17+00'TR' - 17+75'TR' RT	300	--	--	--	--	--	--	--	DRIVEWAY MARKING
	STAGE 3A TOTAL		1050	100	0	0	0	0	0	0	
	STAGE 4										
		NB STH 65									
		59+50'N' - 64+50'N'	500	--	--	--	--	--	--	--	EDGELINE
		59+75'N' - 64+45'N' RT	--	--	470	--	--	--	--	--	CHANNELIZING
		59+75'N' - 64+45'N' RT	--	--	470	--	--	--	--	--	CHANNELIZING
		64+45'N' RT	--	--	--	--	--	15	--	--	STOPLINE
		64+45'N' RT	--	--	--	--	--	20	--	--	STOPLINE
		SB STH 65									
		54+75'S' - 55+50'S'	75	--	--	--	--	--	--	--	EDGELINE
		56+00'S' - 64+50'S'	850	--	--	--	--	--	--	--	EDGELINE
		56+00'S' - 57+75'S' LT	--	--	175	--	--	--	--	--	CHANNELIZING
		56+75'S' - 57+75'S' LT	--	--	100	--	--	--	--	--	CHANNELIZING
		57+50'S' - 64+00'S' LT	650	--	--	--	--	--	--	--	EDGELINE
		57+75'S' - 59+00'S' LT	60	--	--	--	--	--	--	--	3' SKIP - 9' GAP
		70TH AVENUE									
		15+40'E' - 17+50'E'	--	420	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		15+40'E' - 17+50'E' LT	--	210	--	--	--	--	--	--	EDGELINE
		17+50'E' - 19+25'E' RT	175	--	--	--	--	--	--	--	EDGELINE
		17+50'E' - 19+00'E'	150	--	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		17+50'E' - 21+60'E' LT	410	--	--	--	--	--	--	--	EDGELINE
		18+25'E' - 19+00'E' RT	--	--	75	--	--	--	--	--	CHANNELIZING
		18+25'E' - 19+00'E' RT	--	--	75	--	--	--	--	--	CHANNELIZING
		19+00'E' RT	--	--	--	--	--	15	--	--	STOPLINE
		19+00'E' RT	--	--	--	--	--	20	--	--	STOPLINE
		20+75'E' LT	--	--	--	--	--	15	--	--	STOPLINE
		20+75'E' - 21+55'E'	160	--	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		21+00'E' - 21+75'E' RT	75	--	--	--	--	--	--	--	EDGELINE
		21+55'E' - 26+55'E'	--	1000	--	--	--	--	--	--	DOUBLE YELLOW CENTERLINE
		21+55'E' - 26+55'E' LT	--	500	--	--	--	--	--	--	EDGELINE
		22+55'E' - 26+55'E' RT	--	400	--	--	--	--	--	--	EDGELINE
	STAGE 4 TOTAL		3105	2530	1365	0	0	85	0	0	
	STAGE 4A										
		NB STH 65									
		62+75'N' - 64+50'N'	175	--	--	--	--	--	--	--	EDGELINE
		SB STH 65									
		62+00'S' - 64+75'S'	340	--	--	--	--	--	--	--	EDGELINE
		65+50'S' - 69+00'S' LT	350	--	--	--	--	--	--	--	EDGELINE
		69+00'S' - 69+50'S' LT	--	--	100	--	--	--	--	--	CHANNELIZING
		70+00'S' - 77+50'S'	750	--	--	--	--	--	--	--	EDGELINE
	STAGE 4A TOTAL		1615	0	100	0	0	0	0	0	
		UNDISTRIBUTED	205	245	20	250	54	15	20	10	
PROJECT 1540-04-73 TOTAL			**14,890**	**13,500**	**4,160**	**1,450**	**350**	**100**	**20**	**10**	

REMOVING PAVEMENT MARKINGS

CATEGORY	STAGE	STATION TO STATION	646.0600 (LF)	DESCRIPTION
0010				
	STAGE 1			
		NB STH 65		
		44+25'N' - 45+55'N'	260	8-IN CHANNELIZING
		44+25'N' - 45+55'N'	45	12-IN DIAGONALS
		46+50'N' - 47+40'N'	180	RAB 8-IN
		51+35'N' - 52+50'N'	230	8-IN CHANNELIZING
		51+35'N' - 52+50'N'	135	12-IN DIAGONALS
		53+25'N' - 54+60'N' RT	270	RAB 8-IN
		SB STH 65		
		53+75'S' - 55+65'S' LT	380	2 - 8IN CHANNELIZING
		53+75'S' - 55+65'S' LT	150	12-IN DIAGONALS
		IH 94 EB RAMP		
		IH 94 EB RAMP	420	DOUBLE YELLOW C/L
		IH 94 EB RAMP	150	EDGELINE
	STAGE 1 TOTAL		2220	
	STAGE 2			
		NB STH 65		
		64+30'N' LT	144	STOPLINE
		65+30'N' LT	160	STOPLINE
		65+30'N' - 66+02'N' LT	360	2 - 8IN CHANNELIZING
		65+35'N' - 68+90'N'	710	DOUBLE YELLOW C/L
		66+75'N' - 68+50'N'	210	12-IN DIAGONALS
		SB STH 65		
		57+75'S' - 60+75'S' LT	1200	2 - 8IN CHANNELIZING
		57+75'S' - 60+75'S' LT	300	24-IN DIAGONALS
		59+50'S' - 62+35'S' RT	570	DOUBLE YELLOW C/L
		60+40'S' - 62+15'S' RT	315	12-IN DIAGONALS
		60+60'S' - 62+35'S' RT	350	DOUBLE YELLOW C/L
		70TH AVENUE		
		12+90'TR' - 15+20'TR' RT	460	DOUBLE YELLOW C/L
		13+10'TR' - 15+20'TR'	210	EDGELINE
		27+15'TR' - 29+15'TR'	200	EDGELINE
		27+65'TR' - 29+15'TR' RT	300	DOUBLE YELLOW C/L
	STAGE 2 TOTAL		5489	

REMOVING PAVEMENT MARKINGS (CONT.)

CATEGORY	STAGE	STATION TO STATION	646.0600 (LF)	DESCRIPTION
0010				
	STAGE 2A			
		NB STH 65		
		66+10'N' - 69+10'N' RT	325	EDGELINE
		70TH AVENUE		
		20+40'TR' - 23+00'TR' RT	280	EDGELINE
		21+10'TR'	100	STOPLINE
		21+10'TR' - 21+50'TR' RT	80	DOUBLE YELLOW C/L
		21+10'TR' - 21+85'TR' LT	75	EDGELINE
	STAGE 2A TOTAL		860	
	STAGE 3			
		NB STH 65		
		66+00'N' - 69+00'N'	600	DOUBLE YELLOW C/L
		67+50'N' - 68+50'N' RT	200	DOUBLE YELLOW C/L
		67+50'N' - 68+50'N' RT	105	12-IN DIAGONALS
		SB STH 65		
		56+00'S' - 58+25'S' LT	50	SKIPS
		56+15'S' - 57+75'S' LT	320	8-IN CHANNELIZING
		56+50'S' - 57+75'S' LT	330	24-IN DIAGONALS
		57+10'S' - 57+75'S' LT	130	8-IN CHANNELIZING
		70TH AVENUE		
		16+50'TR' - 17+00'TR' RT	70	EDGELINE
		19+60'TR' RT	128	STOPLINE
		20+10'TR' - 20+65'TR' RT	70	EDGELINE
	STAGE 3 TOTAL		2,003	
	UNDISTRIBUTED		93	
PROJECT 1540-04-73 TOTAL			**10,665**	

REMOVING PAVEMENT MARKINGS ARROWS & WORDS

CATEGORY	STAGE	STATION TO STATION	647.0955 ARROWS (EACH)	647.0965 WORDS (EACH)
0010				
	STAGE 2			
		SB STH 65		
		56+50'S' LT	1	--
		57+50'S' LT	1	--
		59+25'S' LT	1	--
		61+50'S' LT	1	--
		65+50'S' RT	2	--
		66+00'S' RT	--	1
	STAGE 2 TOTAL		6	1
PROJECT 1540-04-73 TOTAL			**6**	**1**

TEMPORARY RAISED PAVEMENT MARKERS AND DELINEATORS

CATEGORY	STAGE	STATION TO STATION	633.1100 DELINEATORS (EACH)	649.2100 RAISED PAVEMENT MARKERS (EACH)
0010				
	STAGE 2			
		TEMPORARY ROAD		
		12+00'TR' - 19+50'TR'	45	30
		21+50'TR' - 30+00'TR'	55	34
		UNDISTRIBUTED	--	6
	STAGE 2 TOTAL		100	70
PROJECT 1540-04-73 TOTAL			**100**	**70**

LANDMARK REFERENCE MONUMENTS

CATEGORY	STATION	LOCATION	621.0100 (EACH)
0010			
	22+52'E'	70TH AVENUE	1
PROJECT 1540-04-73 TOTAL			**1**

CONSTRUCTION STAKING

CATEGORY	STATION TO STATION	650.4000 STORM SEWER (EACH)	650.4500 SUBGRADE (LF)	650.5000 BASE (LF)	650.6000 PIPE CULVERTS (EACH)	650.7000 CONCRETE PAVEMENT (LF)	650.9910 SUPPLEMENTAL CONTROL (LS)	650.9920 SLOPE STAKES (LF)	SPV.0105.001 CONCRETE PAVEMENT JOINT LAYOUT (LS)	REMARKS
0010										
	NB STH 65									
	55+35'N' - 74+75'N'	--	1940	--	--	1940	--	1940	--	
	74+75'N' - 82+70'N'	--	795	795	--	--	--	795	--	
	SB STH 65									
	56+75'S' - 74+75'S'	--	1800	--	--	1800	--	1800	--	
	74+75'S' - 82+70'S'	--	795	795	--	--	--	795	--	
	SB STH 65									
	56+75'S' - 74+75'S'	--	1800	--	--	1800	--	1800	--	
	74+75'S' - 82+70'S'	--	795	795	--	--	--	795	--	
	EB 70TH AVENUE									
	15+35'E' - 17+50'E'	--	215	215	--	--	--	215	--	
	17+50'E' - 21+55'E'	--	405	--	--	405	--	405	--	
	21+55'E' - 26+50'E'	--	495	495	--	--	--	495	--	
	WB 70TH AVENUE									
	15+35'W' - 18+70'W'	--	335	335	--	--	--	335	--	
	18+70'W' - 21+55'W'	--	285	--	--	285	--	285	--	
	21+55'W' - 26+50'W'	--	495	495	--	--	--	495	--	
	PARK & RIDE									
	10+25'PR' - 11+50'PR'	--	125	125	--	--	--	125	--	
	PARK & RIDE	--	350	350	--	50	--	350	--	
	TEMPORARY ROAD									
	13+50'TR' - 20+00'TR'	--	650	650	--	--	--	650	--	
	20+75'TR' - 21+75'TR'	--	100	100	--	--	--	100	--	
	22+75'TR' - 29+00'TR'	--	625	625	--	--	--	625	--	
	STAGE 1 TEMPORARY									
	54+05'N' - 55+65'N'	--	160	160	--	--	--	160	--	
	66+25'N' - 69+00'N'	--	275	275	--	--	--	275	--	
	STAGE 2 TEMPORARY									
	63+70'N' - 64+70'N'	--	100	100	--	--	--	--	--	
	20+55'TR' - 23+00'TR'	--	245	245	--	--	--	245	--	
	STAGE 2A TEMPORARY									
	55+50'N' - 57+00'N'	--	150	150	--	--	--	150	--	
	57+00'N' - 59+50'N'	--	250	250	--	--	--	250	--	
	STAGE 3 TEMPORARY									
	63+75'S' - 64+50'S'	--	75	75	--	--	--	--	--	
	PROJECT	60	75	75	12	--	1	--	1	
PROJECT 1540-04-73 TOTAL		**60**	**13,335**	**7,105**	**12**	**6,280**	**1**	**13,085**	**1**	

CONSTRUCTION STAKING STRUCTURE LAYOUT

CATEGORY	STRUCTURE NO.	650.6500.001 CONSTRUCTION STAKING STRUCTURE LAYOUT LS	650.6500.002 CONSTRUCTION STAKING STRUCTURE LAYOUT LS
0010			
	S-55-053	1	--
	S-55-054	--	1
PROJECT 1540-04-73 TOTAL		**1**	**1**

SAWING PAVEMENT

CATEGORY	STAGE	STATION TO STATION	O/S	DESCRIPTION	690.0150 SAWING ASPHALT (LF)	690.0250 SAWING CONCRETE (LF)
0010						
	STAGE 1					
		NB STH 65				
		54+05'N' - 55+35'N'		CURB & GUTTER & MAINLINE	--	160
		54+25'N' - 54+75'N'		MEDIAN SIDEWALK REMOVAL	--	55
		65+40'N' - 69+10'N'		EXISTING ASPHALT EDGE	370	--
		SB STH 65				
		54+50'N' - 55+50'S'	RT	CURB & GUTTER REMOVAL	--	125
		65+10'S' - 66+50'S'	LT & RT	EXISTING ASPHALT EDGE	140	--
		70TH AVENUE				
		13+45'E' - 15+20'E'	LT	EXISTING ASPHALT EDGE	175	--
		27+10'E' - 29+10'S'	LT	EXISTING ASPHALT EDGE	200	--
		PARK & RIDE				
		PARK & RIDE		ASPHALT REMOVAL	380	--
	STAGE 1 TOTAL				1265	340
	STAGE 2					
		70TH AVENUE				
		15+37'E' - 17+48'E'	LT & RT	MATCH EXISTING	250	--
		22+35'E'	RT	DRIVEWAY	30	--
		26+50'E'	LT & RT	MATCH EXISTING	25	--
	STAGE 2 TOTAL				305	0
	STAGE 3					
		SB STH 65				
		55+50'S' - 60+36'S'	RT	CURB & GUTTER & MAINLINE	5	525
	STAGE 3 TOTAL				5	525
	STAGE 4					
		NB STH 65				
		82+70'N'	LT & RT	MATCH EXISTING	45	--
		70TH AVENUE				
		13+45'E' - 15+20'E'	LT	TEMPORARY REMOVAL	175	--
		27+10'E' - 29+10'S'	LT	TEMPORARY REMOVAL	200	--
	STAGE 4 TOTAL				420	0
	UNDISTRBUTED				200	50
PROJECT 1540-04-73 TOTAL					2195	915

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LIGHTING CONDUIT AND WIRE

FROM	-	TO	* 652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF	655.0630 ELECTRICAL WIRE LIGHTING 4 AWG LF	SPV.0090.002 REMOVING ELECTRICAL CONDUCTORS FROM EXISTING CONDUIT LF	REMARKS
ALL ITEMS ARE CATEGORY 0010								
LPB 100	-	SL 100	75	--	--	--	--	PULL WIRE ONLY
SL 100	-	SL 101	190	--	1,000	--	--	--
SL 101	-	SL 102	200	--	1,050	--	--	--
SL 102	-	LPB 101	160	--	855	--	--	--
LPB 101	-	SL 103	--	105	1,160	--	--	--
SL 103	-	LPB 102	215	--	678	--	--	--
LPB 102	-	SL 104	215	--	678	--	--	--
LPB 102	-	LPB 103	75	--	--	--	--	PULL WIRE ONLY
LPB 103	-	SL 105	--	20	310	--	--	--
LPB 103	-	EXSL 302	55	--	435	--	--	EXISTING CONDUIT
EXSL 302	-	EXSL 303	--	--	560	--	100	EXISTING CONDUIT
EXSL 303	-	EXSL 304	--	--	560	--	100	EXISTING CONDUIT
LPB 103	-	SL 106	170	--	905	--	--	--
SL 106	-	EXSL 305	35	--	555	--	--	EXISTING CONDUIT
EXSL 305	-	EXSL 306	--	--	560	--	100	EXISTING CONDUIT
LPB 103	-	CB 100	--	80	480	--	--	--
LPB 103	-	CB 100	--	80	--	--	--	PULL WIRE ONLY
CB 100	-	LPB 104	--	60	380	--	--	--
CB 100	-	LPB 104	--	60	380	--	--	--
LPB 104	-	LPB 105	--	55	335	--	--	--
LPB 104	-	LPB 105	--	55	335	--	--	--
LPB 105	-	SL 107	175	--	930	--	--	--
SL 107	-	SL 108	235	--	1,225	--	--	--
SL 108	-	SL 109	275	--	1,425	--	--	--
LPB 105	-	SL 110	110	--	605	--	--	--
SL 110	-	LPB 106	220	--	1,155	--	--	--
LPB 106	-	SL 111	100	--	555	--	--	--
SL 111	-	LPB 107	150	--	805	--	--	--
EXSL 201	-	EXLPB 201	60	--	--	513	160	EXISTING CONDUIT
EXLPB 201	-	EXLPB 200	--	--	--	231	65	EXISTING CONDUIT
EXLPB 200	-	EXSL 200	--	--	--	93	20	EXISTING CONDUIT
EXSL 202	-	EXLPB 203	--	--	--	--	40	EXISTING CONDUIT
EXLPB 203	-	EXSL 203	--	--	--	--	50	EXISTING CONDUIT
EXLPB 203	-	EXSL 204	--	--	--	--	150	EXISTING CONDUIT
EXSL 204	-	EXSL 205	--	--	--	--	185	EXISTING CONDUIT
EXSL 205	-	EXSL 206	--	--	--	--	190	EXISTING CONDUIT
EXSL 206		EXSL 207	--	--	--	--	215	EXISTING CONDUIT
EXSL 300	-	EXSL 302	--	--	--	--	90	EXISTING CONDUIT
EXSL 300	-	EXLPB 300	--	--	--	--	125	EXISTING CONDUIT
EXLPB 300	-	EXCB 300	--	--	--	--	20	EXISTING CONDUIT
EXLPB 300	-	EXSL 301	--	--	--	--	40	EXISTING CONDUIT
EXSL 301	-	EXSL 305	--	--	--	--	115	EXISTING CONDUIT
PRJOECT TOTALS			2715	515	17916	837	1765	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

STREET LIGHTING REMOVALS

LIGHT NUMBER	STATION	OFFSET	R/L	* 204.0195 REMOVING CONCRETE BASES EACH	* 653.0905 REMOVING PULL BOXES EACH	SPV.0060.003 REMOVE EXISTING LIGHITNG CONTROL CABINET EACH
ALL ITEMS CATEGORY 0010						
EXSL201	55+88'N'	34.7'	RT	1	--	--
EXSL204	58+22'S'	44.3'	LT	1	--	--
EXSL205	60+01'S'	40.6'	LT	1	--	--
EXSL206	61+84'S'	29.0'	LT	1	--	--
EXSL207	63+94'S'	2.8'	LT	1	--	--
EXSL300	21+85'E'	35.6'	LT	1	--	--
EXSL301	23+30'E'	95.5'	LT	1	--	--
EXLPB300	22+91'E'	91.2'	LT	--	1	--
EXCB300	22+96'E'	82.5'	LT	1	--	1
PROJECT TOTALS				8	1	1

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LIGHTING CONTROL

CABINET NUMBER	STATION	OFFSET	R/L	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EACH	656.0200.001 ELECTRICAL SERVICE METER BREAKER PEDESTAL (CB100) LS	659.2130 LIGHTING CONTROL CABINETS 120/240 30-INCH EACH
ALL ITEMS ARE CATEGORY 0010						
CB100	66+06'N'	54.8'	RT	1	1	1
PROJECT TOTALS				1	1	1

STREET LIGHTING

LIGHT NUMBER	STATION	OFFSET	R/L	654.0105 CONCRETE BASES TYPE 5 EACH	654.0106 CONCRETE BASES TYPE 6 EACH	* 657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0327 POLES TYPE 6 ALUMINUM EACH	657.0715 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 15-FT EACH	659.1115 LUMINAIRES UTILITY LED A EACH	SPV.0060.001 REMOVE AND REINSTALL STREET LIGHT EACH	SPV.0060.002 REMOVE AND RELOCATE STREET LIGHT EACH	* 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
ALL ITEMS ARE CATEGORY 0010												
SL 100	55+99'S'	21.1'	RT	--	1	1	1	2	2	--	--	378
SL 101	59+86'S'	20.9'	RT	--	1	1	1	2	2	--	--	378
SL 102	61+84'S'	13.3'	RT	--	1	1	1	2	2	--	--	378
SL 103	63+34'N'	58.4'	RT	--	1	--	--	--	1	--	1	189
SL 104	24+01'E'	25.0'	RT	1	--	--	--	--	1	--	1	165
SL 105	22+09'E'	39.1'	LT	--	1	--	--	--	1	--	1	189
SL 106	23+46'E'	111.1'	LT	1	--	--	--	--	1	--	1	165
SL 107	66+31'N'	16.2'	LT	--	1	1	1	2	2	--	--	378
SL 108	70+66'N'	21.3'	LT	--	1	1	1	2	2	--	--	378
SL 109	73+41'N'	12.6'	LT	--	1	1	1	2	2	--	--	378
SL 110	66+69'S'	61.6'	LT	--	1	--	--	--	1	--	1	189
SL 111	18+11'E'	33.0'	RT	--	1	--	--	--	1	--	1	189
EXSL 200	54+36'N'	10.0'	LT	--	--	--	--	--	--	1	--	159
EXSL 201	55+88'N'	34.7'	RT	--	1	--	--	--	1	--	1	189
EXSL 302	22+27'E'	108.8'	LT	--	--	--	--	--	2	--	--	--
EXSL 303	22+23'E'	206.9'	LT	--	--	--	--	--	2	--	--	--
EXSL 304	22+23'E'	305.9'	LT	--	--	--	--	--	2	--	--	--
EXSL 305	23+51'E'	206.4'	LT	--	--	--	--	--	2	--	--	--
EXSL 306	23+52'E'	305.4'	LT	--	--	--	--	--	2	--	--	--
PROJECT TOTALS				2	11	6	6	12	29	1	7	3702

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LIGHTING PULLBOXES

PULLBOX NUMBER	STATION	OFFSET	R/L	* 653.0140 PULL BOXES STEEL 24X42-INCH EACH
ALL ITEMS ARE CATEGORY 0010				
PB 100	58+22'S'	44.3'	LT	1
PB 101	63+40'S'	13.0'	RT	1
PB 102	21+91'E'	28.3'	RT	1
PB 103	21+94'E'	45.3'	LT	1
PB 104	66+58'N'	40.0'	RT	1
PB 105	66+61'N'	11.3'	LT	1
PB 106	18+08'E'	61.8'	LT	1
PB 107	63+40'S'	45.3'	LT	1
PRJECT TOTALS				8

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TRAFFIC SIGNAL REMOVALS

CATEGORY	LOCATION / ITEM NUMBER	204.0195 REMOVING CONCRETE BASES EACH	653.0905 REMOVING PULL BOXES EACH
0010			
	STH 65 & 70TH AVE		
	CB1	1	--
	SB1	1	--
	SB2	1	--
	SB3	1	--
	SB4	1	--
	SB5	1	--
	SB6	1	--
	SB7	1	--
	SB8	1	--
	SB9	1	--
	SB10	1	--
	LB1	1	--
	LB2	1	--
	PB1	--	1
	PB2	--	1
	PB3	--	1
	PB4	--	1
	PB5	--	1
	PB6	--	1
	PB7	--	1
	PB8	--	1
	PB9	--	1
	PB10	--	1
	PB11	--	1
	PB12	--	1
	PB13	--	1
	PB14	--	1
	PB15	--	1
	PB16	--	1
PROJECT 1540-04-73 TOTAL		**13**	**16**

TRAFFIC SIGNAL PULL BOXES

CATEGORY	LOCATION / PULL BOX NUMBER	STATION	OFFSET	L/R	653.0135 PULL BOXES STEEL 24X36-INCH EACH	653.0140 PULL BOXES STEEL 24X42-INCH EACH
0010						
	STH 65 & 70TH AVE					
	PB1	21+14'E'	77.4'	LT	--	1
	PB2	21+00'E'	46.8'	LT	--	1
	PB3	21+05'E'	16.0'	LT	--	1
	PB4	21+53'E'	56.8'	LT	--	1
	PB5	21+38'E'	34.7'	RT	--	1
	PB6	64+01'N'	67.8'	RT	--	1
	PB7	63+42'N'	48.0'	RT	1	--
	PB8	58+57'N'	37.0'	RT	1	--
	PB9	56+82'N'	36.8'	RT	1	--
	PB10	60+37'N'	43.9'	RT	1	--
	PB11	63+94'N'	35.3'	RT	--	1
	PB12	63+83'N'	7.9'	LT	--	1
	PB13	64+16'N'	7.6'	LT	1	--
	PB14	63+79'S'	12.1'	RT	--	1
	PB15	63+66'S'	43.5'	LT	--	1
	PB16	18+59'E'	45.3'	RT	--	1
	PB17	18+89'E'	23.2'	RT	--	1
	PB18	18+72'E'	68.8'	LT	--	1
	PB19	18+84'E'	18.5'	LT	--	1
	PB20	65+58'S'	79.7'	LT	--	1
	PB21	67+63'S'	44.6'	LT	1	--
	PB22	69+63'S'	35.8'	LT	1	--
	PB23	71+50'S'	35.3'	LT	1	--
	PB24	73+39'S'	37.9'	LT	1	--
	PB25	65+69'S'	41.8'	LT	--	1
	PB26	65+85'S'	16.2'	RT	--	1
	PB27	65+89'N'	8.8'	LT	--	1
	PB28	66+03'N'	43.5'	RT	--	1
PROJECT 1540-04-73 TOTAL					**9**	**19**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE (INTERCONNECT PULLBOXES AND VAULTS)

TRAFFIC SIGNAL CONDUIT

CATEGORY	LOCATION	FROM	-	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
0010						
	STH 65 & 70TH AVE					
		CB1	-	PB1	--	51
		PB1	-	PB2	--	68
		PB2	-	SB1	9	--
		PB2	-	SB2	20	--
		PB2	-	PB3	--	64
		PB1	-	PB4	--	90
		PB4	-	PB5	--	186
		PB5	-	PB6	--	192
		PB6	-	PB7	324	--
		PB7	-	PB8	408	--
		PB8	-	PB9	177	--
		PB9	-	PB10	171	--
		PB10	-	SB18	6	--
		PB6	-	PB11	--	68
		PB11	-	SB3	--	57
		PB11	-	SB4	73	--
		PB11	-	PB12	--	90
		PB12	-	PB13	34	--
		PB13	-	SB5	14	--
		PB12	-	PB14	--	84
		PB14	-	SB6	21	--
		PB14	-	SB7	59	--
		PB14	-	PB15	--	116
		PB15	-	SB8	--	18
		PB15	-	PB16	150	--
		PB16	-	SB9	43	--
		PB16	-	PB17	--	74
		PB17	-	SB10	19	--
		PB17	-	SB11	30	--
		PB16	-	PB18	--	230
		PB18	-	PB19	--	104
		PB19	-	SB12	22	--
		PB18	-	PB20	--	94
		PB20	-	PB21	418	--
		PB21	-	PB22	402	--
		PB22	-	PB23	188	--
		PB23	-	PB24	187	--
		PB24	-	SB19	6	--
		PB20	-	PB25	--	80
		PB25	-	SB13	13	--
		PB25	-	SB14	--	27
		PB25	-	PB26	--	122
		PB26	-	SB15	20	--
		PB26	-	PB27	--	74
		PB27	-	SB16	19	--
		PB27	-	PB28	--	110
		PB28	-	SB17	--	11
		PB28	-	CB1	--	33
PROJECT 1540-04-73 TOTAL					**2,833**	**2,043**

TRAFFIC SIGNAL LOOP DETECTORS

CATEGORY	LOCATION / LOOP NO.	STATION **	OFFSET	L/R	SIZE FT X FT	NO. OF TURNS	INSTALLATION METHOD	652.0800 CONDUIT LOOP DETECTOR LF	655.0800 LOOP DETECTOR WIRE LF	655.0700 * LOOP DETECTOR LEAD IN CABLE LF
0010										
	STH 65 & 70TH AVE									
	11	64+09'N'	6'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	276	361
	12	64+37'N'	6'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	264	361
	21	69+62'S'	6'	LT	6 X 6	7	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	78	546	611
	22	69+63'S'	18'	LT	6 X 6	8	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	54	432	611
	23	67+62'S'	6'	LT	6 X 6	5	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	480	410
	24	67+63'S'	18'	LT	6 X 6	6	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	72	432	410
	31	21+10'E'	35'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	68	204	82
	32	20+82'E'	35'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	198	82
	41	18+94'E'	35'	RT	6 X 20	4	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	328	399
	42	19+22'E'	35'	RT	6 X 20	4	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	368	399
	43	19+08'E'	35'	RT	6 X 30	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	118	354	362
	51	65+89'S'	35'	RT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	90	270	102
	52	65+61'S'	35'	RT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	276	102
	61	60+39'N'	6'	RT	6 X 6	7	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	94	658	604
	62	60+38'N'	18'	RT	6 X 6	8	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	70	560	604
	63	62+43'N'	6'	RT	6 X 6	5	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	104	520	410
	64	62+41'N'	18'	RT	6 X 6	6	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	80	480	410
	71	18+94'E'	35'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	246	299
	72	19+22'E'	35'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	94	282	299
	81	21+15E'	35'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	76	228	82
	82	20+87'E'	35'	LT	6 X 20	3	SDD: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	68	204	82
PROJECT 1540-04-73 TOTAL								**1,756**	**7,606**	**7,082**

** LOCATION IS TO THE FRONT CENTER OF DETECTOR LOOP & FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE (TRAFFIC SIGNAL CABLE AND WIRE - ABOVE GROUND)

TRAFFIC SIGNAL STRUCTURES

CATEGORY	LOCATION / BASE NUMBER	STATION	OFFSET	L/R	654.0101 CONCRETE BASES TYPE 1 EACH	657.0100 PEDESTAL BASES EACH	657.0405 TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FT EACH	657.0430 10-FT EACH	657.0420 13-FT EACH	657.0425 15-FT EACH
0010										
	STH 65 & 70TH AVE									
	SB1	20+92'E'	43.9'	LT	1	1	--	--	--	1
	SB2	20+83'E'	56.6'	LT	1	1	--	1	--	--
	SB4	64+66'N'	34.7'	RT	1	1	--	--	--	1
	SB5	64+30'N'	6.9'	LT	1	1	--	--	--	1
	SB6	64+00'S'	8.4'	RT	1	1	--	--	1	--
	SB7	64+38'S'	15.8'	RT	1	1	--	--	--	1
	SB9	18+94'E'	68.1'	RT	1	1	--	--	1	--
	SB10	19+07'E'	22.2'	RT	1	1	--	--	--	1
	SB11	19+17'E'	31.9'	RT	1	1	1	--	--	--
	SB12	19+06'E'	16.7'	LT	1	1	--	--	--	1
	SB13	65+57'S'	35.6'	LT	1	1	--	--	1	--
	SB15	65+59'N'	43.3'	LT	1	1	--	--	--	1
	SB16	65+71'N'	8.4'	LT	1	1	--	--	--	1
	SB18	56+76'N'	36.8'	RT	1	1	--	--	--	1
	SB19	73+44'S'	38.2'	LT	1	1	--	--	--	1
PROJECT 1540-04-73 TOTAL					**15**	**15**	**1**	**1**	**3**	**10**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE (MONOTUBE STRUCTURES)

MONOTUBE STRUCTURES

CATEGORY	LOCATION / BASE NUMBER	STATION	OFFSET	L/R	654.0113 CONCRETE BASES TYPE 13 EACH	657.1360 INSTALL POLES TYPE 13 EACH	657.1540 INSTALL MONOTUBE ARMS 40-FT EACH	657.1545 INSTALL MONOTUBE ARMS 45-FT EACH	657.1550 INSTALL MONOTUBE ARMS 50-FT EACH	657.1555 INSTALL MONOTUBE ARMS 55-FT EACH	657.1808 INSTALL LUMINAIRE ARMS STEEL 8-FT EACH	659.1125 LUMINAIRES UTILITY LED C EACH
0010												
	STH 65 & 70TH AVE											
	SB3	64+50'N'	39.3'	RT	1	1	--	--	--	1	1	1
	SB8	63+82'S'	50.5'	LT	1	1	--	--	1	--	1	1
	SB14	65+43'S'	49.1'	LT	1	1	1	--	--	--	1	1
	SB17	66+13'N'	47.0'	RT	1	1	--	1	--	--	1	1
PROJECT 1540-04-73 TOTAL					**4**	**4**	**1**	**1**	**1**	**1**	**4**	**4**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE (TRAFFIC SIGNAL STRUCTURES)

PEDESTRIAN PUSH BUTTONS

CATEGORY	LOCATION / BASE NUMBER	658.0500 PEDESTRIAN PUSH BUTTONS EACH
0010		
	STH 65 & 70TH AVE	
	SB1	1
	SB3	1
	SB4	1
	SB7	1
	SB10	1
	SB11	1
PROJECT 1540-04-73 TOTAL		6

TRAFFIC SIGNAL HEADS

CATEGORY	LOCATION	SIGNAL BASE NO.	HEAD NO.	658.0190.S TRAFFIC SIGNAL FACE - LED STATE FURNISHED EACH	658.0420.S PEDESTRIAN SIGNAL FACE - LED STATE FURNISHED EACH
0010					
	STH 65 & 70TH AVE				
		SB1	19	1	--
			21	1	--
		SB2	6B	--	1
		SB3	1	1	--
			14	1	--
			15	1	--
			6A	--	1
		SB4	11	1	--
			4D	--	1
		SB5	12	1	--
		SB6	17	1	--
		SB7	4	1	--
			4B	--	1
			4C	--	1
		SB8	8	1	--
			9	1	--
		SB9	16	1	--
		SB10	13	1	--
			24	1	--
			4A	--	1
		SB12	18	1	--
			25	1	--
		SB13	7	1	--
		SB14	5	1	--
			22	1	--
			23	1	--
		SB15	6	1	--
		SB16	10	1	--
		SB17	2	1	--
			3	1	--
PROJECT 1540-04-73 TOTAL				**24**	**6**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE.

3

TRAFFIC SIGNAL CABLE AND WIRE - BELOW GROUND

CATEGORY	LOCATION	FROM - TO	655.0230 * TRAFFIC SIGNAL CABLE 5-14 AWG LF	655.0240 TRAFFIC SIGNAL CABLE 7-14 AWG LF	655.0250 TRAFFIC SIGNAL CABLE 9-14 AWG LF	655.0260 TRAFFIC SIGNAL CABLE 12-14 AWG LF	655.0270 TRAFFIC SIGNAL CABLE 15-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF	655.0900 * TRAFFIC SIGNAL EVP DETECTOR CABLE LF	SPV.0090.001 INSTALL CAT-5E CABLE LF
0010											
	STH 65 & 70TH AVE										
		CB1 - SB1	--	--	--	105	--	--	105	--	--
		CB1 - SB2	--	130	--	--	--	--	--	--	--
		CB1 - SB3	--	--	--	--	432	432	--	383	115
		CB1 - SB4	--	--	448	--	--	--	--	--	--
		CB1 - SB5	499	--	--	--	--	--	--	--	--
		CB1 - SB6	514	--	--	--	--	--	--	--	--
		CB1 - SB7	--	--	552	--	--	--	--	--	--
		CB1 - SB8	584	--	--	--	--	--	--	505	--
		CB1 - SB9	530	--	--	--	--	--	--	--	--
		CB1 - SB10	--	--	--	--	558	--	--	--	--
		CB1 - SB11	569	--	--	--	--	--	--	--	--
		CB1 - SB12	--	--	--	446	--	--	--	--	--
		CB1 - SB13	266	--	--	--	--	--	--	--	--
		CB1 - SB14	--	--	--	252	--	--	--	213	114
		CB1 - SB15	--	--	183	--	--	--	--	--	--
		CB1 - SB16	--	--	129	--	--	--	--	--	--
		CB1 - SB17	50	--	--	--	--	50	50	41	--
		CB1 - SB18	1107	--	--	--	--	--	--	--	--
		CB1 - SB19	1147	--	--	--	--	--	--	--	--
		SB1 - SB2	--	--	--	--	--	--	54	--	--
		SB2 - SB18	--	--	--	--	--	--	1157	--	--
		SB18 - SB3	--	--	--	--	--	--	914	--	--
		SB3 - SB4	--	--	--	--	--	--	155	--	--
		SB3 - SB8	--	--	--	--	--	292	--	--	--
		SB4 - SB5	--	--	--	--	--	--	192	--	--
		SB5 - SB6	--	--	--	--	--	--	168	--	--
		SB6 - SB7	--	--	--	--	--	--	106	--	--
		SB7 - SB8	--	--	--	--	--	--	176	--	--
		SB8 - SB9	--	--	--	--	--	--	177	--	--
		SB9 - SB10	--	--	--	--	--	--	140	--	--
		SB10 - SB11	--	--	--	--	--	--	74	--	--
		SB11 - SB12	--	--	--	--	--	--	328	--	--
		SB12 - SB19	--	--	--	--	--	--	1032	--	--
		SB19 - SB13	--	--	--	--	--	--	947	--	--
		SB13 - SB14	--	--	--	--	--	--	66	--	--
		SB14 - SB15	--	--	--	--	--	--	149	--	--
		SB14 - SB17	--	--	--	--	--	262	--	--	--
		SB15 - SB16	--	--	--	--	--	--	117	--	--
		SB16 - SB17	--	--	--	--	--	--	125	--	--
		PB1 - CB1	--	--	--	--	--	--	29	--	--

TRAFFIC SIGNAL CABLE AND WIRE - BELOW GROUND (CONT.)

CATEGORY	LOCATION	FROM - TO	655.0230 * TRAFFIC SIGNAL CABLE 5-14 AWG LF	655.0240 TRAFFIC SIGNAL CABLE 7-14 AWG LF	655.0250 TRAFFIC SIGNAL CABLE 9-14 AWG LF	655.0260 TRAFFIC SIGNAL CABLE 12-14 AWG LF	655.0270 TRAFFIC SIGNAL CABLE 15-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF	655.0900 * TRAFFIC SIGNAL EVP DETECTOR CABLE LF	SPV.0090.001 INSTALL CAT-5E CABLE LF
0010											
		PB2 - SB1	--	--	--	--	--	--	19	--	--
		PB4 - CB1	--	--	--	--	--	--	89	--	--
		PB5 - CB1	--	--	--	--	--	--	198	--	--
		PB6 - SB3	--	--	--	--	--	--	116	--	--
		PB7 - SB3	--	--	--	--	--	--	294	--	--
		PB8 - SB18	--	--	--	--	--	--	396	--	--
		PB9 - SB18	--	--	--	--	--	--	203	--	--
		PB10 - SB18	--	--	--	--	--	--	16	--	--
		PB11 - SB3	--	--	--	--	--	--	67	--	--
		PB12 - SB5	--	--	--	--	--	--	74	--	--
		PB13 - SB5	--	--	--	--	--	--	24	--	--
		PB14 - SB6	--	--	--	--	--	--	31	--	--
		PB15 - SB8	--	--	--	--	--	--	28	--	--
		PB16 - SB9	--	--	--	--	--	--	53	--	--
		PB17 - SB10	--	--	--	--	--	--	29	--	--
		PB18 - SB12	--	--	--	--	--	--	100	--	--
		PB19 - SB12	--	--	--	--	--	--	32	--	--
		PB20 - SB13	--	--	--	--	--	--	79	--	--
		PB21 - SB13	--	--	--	--	--	--	303	--	--
		PB22 - SB19	--	--	--	--	--	--	422	--	--
		PB23 - SB19	--	--	--	--	--	--	218	--	--
		PB24 - SB19	--	--	--	--	--	--	16	--	--
		PB25 - SB13	--	--	--	--	--	--	23	--	--
		PB26 - SB15	--	--	--	--	--	--	30	--	--
		PB27 - SB16	--	--	--	--	--	--	29	--	--
		PB28 - SB17	--	--	--	--	--	--	21	--	--
PROJECT 1540-04-73 TOTAL			**5266**	**130**	**1312**	**803**	**990**	**1036**	**9171**	**1142**	**229**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE (TRAFFIC SIGNAL CABLE AND WIRE - ABOVE GROUND)

TRAFFIC SIGNAL CABLE AND WIRE - ABOVE GROUND

CATEGORY	LOCATION	FROM SIGNAL BASE	-	TO SIGNAL HEAD	655.0230 * CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0700 * LOOP DETECTOR LEAD IN CABLE LF	655.0900 * TRAFFIC SIGNAL EVP DETECTOR CABLE LF	SPV.0090.001 INSTALL CAT-5E CABLE LF
0010	STH 65 & 70TH AVE	SB1	-	HEAD 19	22	--	--	--	--
			-	HEAD 21	21	--	--	--	--
			-	BUTTON	--	--	6	--	--
			-	BUTTON	--	--	6	--	--
		SB2	-	HEAD 6B	15	--	--	--	--
		SB3	-	HEAD 1	21	--	--	--	--
			-	HEAD 14	70	--	--	--	--
			-	HEAD 15	55	--	--	--	--
				HEAD 20	81	--	--	--	--
			-	HEAD 6A	15	--	--	--	--
			-	BUTTON	--	--	6	--	--
			-	LUMINAIRE	--	123	--	--	--
			-	EVP HEAD 'C'	--	--	--	63	--
			-	CAMERA (BY OTHERS)	--	--	--	--	55
		SB4	-	HEAD 11	22	--	--	--	--
			-	HEAD 4D	15	--	--	--	--
			-	BUTTON	--	--	6	--	--
		SB5	-	HEAD 12	22	--	--	--	--
		SB6	-	HEAD 17	19	--	--	--	--
		SB7	-	HEAD 4	22	--	--	--	--
			-	HEAD 4B	15	--	--	--	--
			-	HEAD 4C	15	--	--	--	--
			-	BUTTON	--	--	6	--	--
		SB8	-	HEAD 8	70	--	--	--	--
			-	HEAD 9	60	--	--	--	--
			-	LUMINAIRE	--	123	--	--	--
			-	EVP HEAD 'B'	--	--	--	47	--
		SB9	-	HEAD 16	19	--	--	--	--
		SB10	-	HEAD 13	21	--	--	--	--
			-	HEAD 24	22	--	--	--	--
			-	HEAD 4A	15	--	--	--	--
			-	BUTTON	--	--	6	--	--
		SB11	-	BUTTON	--	--	6	--	--
		SB12	-	HEAD 18	22	--	--	--	--
			-	HEAD 25	22	--	--	--	--
		SB13	-	HEAD 7	19	--	--	--	--
		SB14	-	HEAD 5	22	--	--	--	--
			-	HEAD 22	65	--	--	--	--
			-	HEAD 23	55	--	--	--	--
			-	LUMINAIRE	--	123	--	--	--
			-	EVP HEAD 'D'	--	--	--	46	--
			-	CAMERA (BY OTHERS)	--	--	--	--	55
		SB15	-	HEAD 6	22	--	--	--	--
		SB16	-	HEAD 10	22	--	--	--	--
		SB17	-	HEAD 2	65	--	--	--	--
			-	HEAD 3	55	--	--	--	--
			-	LUMINAIRE	--	123	--	--	--
			-	EVP HEAD 'A'	--	--	--	50	--
PROJECT 1540-04-73 TOTAL					**1,006**	**492**	**42**	**206**	**110**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
(TRAFFIC SIGNAL CABLE AND WIRE - BELOW GROUND, TRAFFIC SIGNAL LOOP DETECTORS)

TRAFFIC SIGNAL CONTROL

CATEGORY	LOCATION	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
0010	STH 65 & 70TH AVE CB1	1
PROJECT 1540-04-73 TOTAL		**1**

CONSTRUCTION STAKING

CATEGORY	LOCATION	650.8500.001 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (1540-04-73) LS
0010	PROJECT	1
PROJECT 1540-04-73 TOTAL		**1**

TRANSPORTING STATE FURNISHED MONOTUBE EQUIPMENT

CATEGORY	LOCATION	SPV.0105.005 TRANSPORTING STATE FURNISHED MONOTUBE EQUIPMENT (STH 65 & 70TH AVE) LS
0010	CATEGORY 0010 STH 65 & 70TH AVE	1
PROJECT 1540-04-73 TOTAL		**1**

TEMPORARY TRAFFIC SIGNAL

CATEGORY	LOCATION	661.0200.001 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS (STH 65 & 70TH AVE) LS
0010	CATEGORY 0010 STH 65 & 70TH AVE	1
PROJECT 1540-04-73 TOTAL		**1**

INTERCONNECT PULLBOXES AND VAULTS

CATEGORY	PULL BOX NUMBER	STATION	OFFSET	L/R	653.0140 * PULL BOXES STEEL 24X42-INCH EACH	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
0010						
	EXPB1	56+87'N'	140.3'	L	--	1
	ICPB1	60+8.3'N'	105.2'	L	1	--
PROJECT 1540-04-73 TOTAL					**1**	**1**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE (TRAFFIC SIGNAL PULL BOXES)

REMOVE TRAFFIC SIGNALS

CATEGORY	LOCATION	SPV.0105.002 REMOVE TRAFFIC SIGNALS LS
0010	CATEGORY 0010	
	STH 65 & 70TH AVE	1
PROJECT 1540-04-73 TOTAL		**1**

TRAFFIC SIGNAL MOUNTING HARDWARE

CATEGORY	LOCATION	SPV.0105.004 INSTALL STATE FURNISHED SIGNAL MOUNTING HARDWARE (STH 65 & 70TH AVE) LS
0010	CATEGORY 0010	
	STH 65 & 70TH AVE	1
PROJECT 1540-04-73 TOTAL		**1**

INSTALL STATE FURNISHED EMERGENCY VEHICLE PREEMPTION EQUIPMENT

CATEGORY	LOCATION	SPV.0105.003 INSTALL STATE FURNISHED EVP SYSTEM (STH 65 & 70TH AVE) LS
0010	CATEGORY 0010	
	STH 65 & 70TH AVE	1
PROJECT 1540-04-73 TOTAL		**1**

INTERCONNECT CONDUIT

CATEGORY	FROM	-	TO	652.0225 * CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	678.0006 INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 6-CT LF
0010					
	EXCV1	-	EXPB1	--	155
	EXPB1	-	EXPB2	--	360
	EXPB2	-	EXPB3	--	260
	EXPB3	-	EXPB4	--	275
	EXPB4	-	EXPB5	--	355
	EXPB5	-	EXPB6	--	130
	EXPB6	-	EXPB7	--	205
	EXPB7	-	EXPB8	--	70
	EXPB8	-	EXPB9	--	330
	EXPB9	-	EXPB10	--	95
	EXPB10	-	ICPB1	345	375
	ICPB1	-	PB13	355	385
	PB13	-	PB12	--	85
	PB12	-	PB10	--	70
	PB10	-	PB9	--	70
	PB9	-	PB6	--	60
	PB6	-	PB5	--	125
	PB5	-	PB4	--	120
	PB4	-	PB1	--	70
	PB1	-	CB1 (S55-1369)	--	65
PROJECT 1540-04-73 TOTAL				**700**	**3,220**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE (TRAFFIC SIGNAL CONDUIT)

TEMPORARY EVP SYSTEM

CATEGORY	LOCATION	SPV.0105.006 FURNISH AND INSTALL TEMPORARY EVP SYSTEM LS
0010		
	STH 65 & 70TH AVE	1
PROJECT 1540-04-73 TOTAL		**1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET

PROJECT NO. 1540-04-23

RIVER FALLS - NEW RICHMOND

(STH 65 EXPANSION / 70th AVENUE INTERSECTION)

STH 65
ST. CROIX 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 (HATCHING 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
ELECTRIC POLE
TELEPHONE POLE
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)
ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
BRIDGE

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

COMPENSABLE | NON-COMPENSABLE

PARCEL NUMBER 25
UTILITY NUMBER 40

CONVENTIONAL ABBREVIATIONS

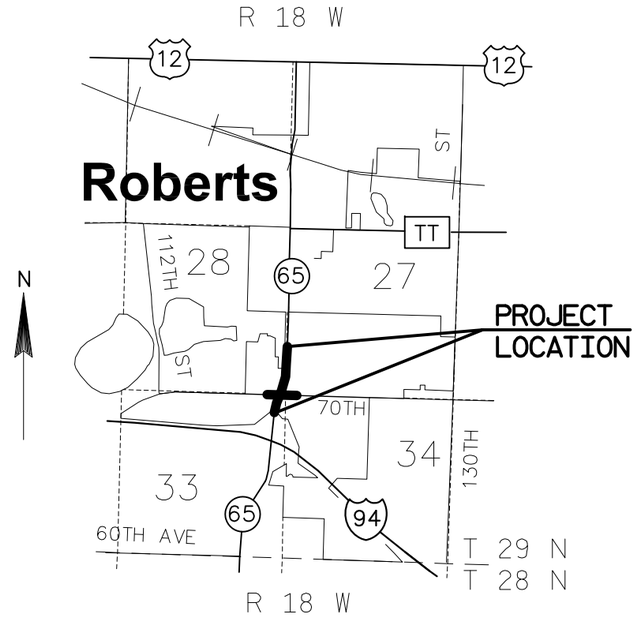
ACCESS RIGHTS	AR	POINT OF CURVATURE	PC
ACRES	AC	POINT OF COMPOUND CURVE	PCC
AHEAD	AH	POINT OF INTERSECTION	PI
ALUMINUM	ALUM	PROPERTY LINE	PL
AND OTHERS	ET AL	RECORDED AS	(100')
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE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

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 —SS—



LAYOUT
SCALE 0 0.5 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 1540-04-23.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ST. CROIX COUNTY, NAD83(1991), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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

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

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 NORTHWEST REGION EAU CLAIRE OFFICE.

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

EXISTING ACCESS CONTROL ALONG STH 65 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECTS T0171(4), 1020-07-20 & CA1540-08-29 AND DOC'S 263960, 681112, 723532 & 945533.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 65 IS ESTABLISHED FROM PREVIOUS PROJECTS T0171(4), 1020-07-20 AND 1540-07-20.

EXISTING HIGHWAY RIGHT-OF-WAY FOR 70th AVENUE IS ESTABLISHED FROM DOC 853576 AND DOC 957770.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1540-04-23-4.01
SHEET 2 OF 2

TRANSPORTATION PROJECT PLAT NO: 1540-04-23-4.01

THAT PART OF LOTS 3 AND 4, CSM V 22, P 5412 (AS DOC 853576) ALL LOCATED IN THE NE 1/4 - NE 1/4 OF SECTION 33, AND THE NW 1/4 - NW 1/4 OF SECTION 34, ALL IN T29N, R18W, VILLAGE OF ROBERTS, ST. CROIX COUNTY, WISCONSIN.

RELOCATION ORDER STH 65, RIVER FALLS - NEW RICHMOND (STH 65 EXPANSION/70th AVENUE 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 (3), 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

1025141
BETH PABST
REGISTER OF DEEDS
ST. CROIX CO., WI
RECEIVED FOR RECORD
02/19/2016 10:29 AM
EXEMPT #
PAGES: 2

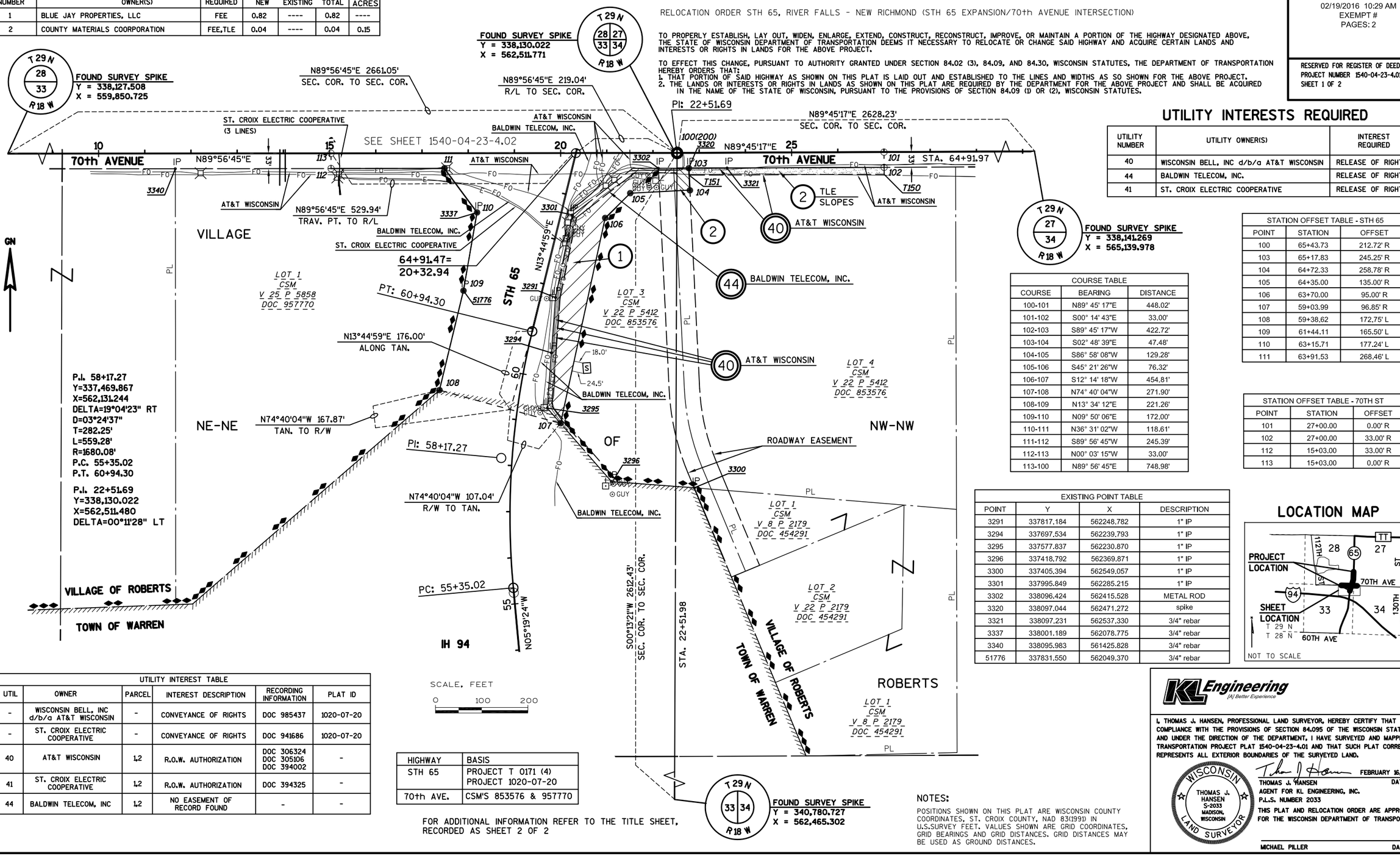
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1540-04-23-4.01
SHEET 1 OF 2

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	BLUE JAY PROPERTIES, LLC	FEE	0.82	----	0.82	----
2	COUNTY MATERIALS COORPORATION	FEE,TLE	0.04	----	0.04	0.15

TLE STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
T150	27+00.00	48.01' R
T151	22+77.95	48.01' R



UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
40	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	RELEASE OF RIGHTS
44	BALDWIN TELECOM, INC.	RELEASE OF RIGHTS
41	ST. CROIX ELECTRIC COOPERATIVE	RELEASE OF RIGHTS

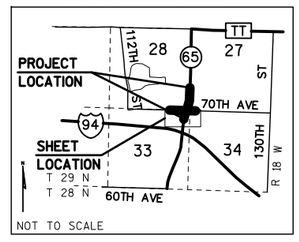
STATION OFFSET TABLE - STH 65		
POINT	STATION	OFFSET
100	65+43.73	212.72' R
103	65+17.83	245.25' R
104	64+72.33	258.78' R
105	64+35.00	135.00' R
106	63+70.00	95.00' R
107	59+03.99	96.85' R
108	59+38.62	172.75' L
109	61+44.11	165.50' L
110	63+15.71	177.24' L
111	63+91.53	268.46' L

COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	N89° 45' 17"E	448.02'
101-102	S00° 14' 43"E	33.00'
102-103	S89° 45' 17"W	422.72'
103-104	S02° 48' 39"E	47.48'
104-105	S86° 58' 08"W	129.28'
105-106	S45° 21' 26"W	76.32'
106-107	S12° 14' 18"W	454.81'
107-108	N74° 40' 04"W	271.90'
108-109	N13° 34' 12"E	221.26'
109-110	N09° 50' 06"E	172.00'
110-111	N36° 31' 02"W	118.61'
111-112	S89° 56' 45"W	245.39'
112-113	N00° 03' 15"W	33.00'
113-100	N89° 56' 45"E	748.98'

STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
101	27+00.00	0.00' R
102	27+00.00	33.00' R
112	15+03.00	33.00' R
113	15+03.00	0.00' R

EXISTING POINT TABLE			
POINT	Y	X	DESCRIPTION
3291	337817.184	562248.782	1" IP
3294	337697.534	562239.793	1" IP
3295	337577.837	562230.870	1" IP
3296	337418.792	562369.871	1" IP
3300	337405.394	562549.057	1" IP
3301	337995.849	562285.215	1" IP
3302	338096.424	562415.528	METAL ROD
3320	338097.044	562471.272	spike
3321	338097.231	562537.330	3/4" rebar
3337	338001.189	562078.775	3/4" rebar
3340	338095.983	561425.828	3/4" rebar
51776	337831.550	562049.370	3/4" rebar

LOCATION MAP



UTILITY INTEREST TABLE					
UTIL	OWNER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION	PLAT ID
-	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	-	CONVEYANCE OF RIGHTS	DOC 985437	1020-07-20
-	ST. CROIX ELECTRIC COOPERATIVE	-	CONVEYANCE OF RIGHTS	DOC 941686	1020-07-20
40	AT&T WISCONSIN	1,2	R.O.W. AUTHORIZATION	DOC 306324 DOC 305106 DOC 394002	-
41	ST. CROIX ELECTRIC COOPERATIVE	1,2	R.O.W. AUTHORIZATION	DOC 394325	-
44	BALDWIN TELECOM, INC	1,2	NO EASEMENT OF RECORD FOUND	-	-

HIGHWAY	BASIS
STH 65	PROJECT T 0171 (4) PROJECT 1020-07-20
70th AVE.	CSM'S 853576 & 957770

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ST. CROIX COUNTY, NAD 83(1991) IN U.S.SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

KL Engineering
[A] Better Experience

I, THOMAS J. HANSEN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1540-04-23-4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN THOMAS J. HANSEN S-2033 MADISON, WISCONSIN LAND SURVEYOR

FEBRUARY 16, 2016
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

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

MICHAEL PILLER — DATE

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\RW\040101-RP.DWG
PLOT DATE : 2/24/2016 7:33 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********
APPRAISAL PLAT DATE : FEBRUARY 16, 2016

---------- 1540-04-23-4.01

TRANSPORTATION PROJECT PLAT NO: 1540-04-23-4.01, AMENDMENT NO. 1

THIS AMENDS EXISTING RIGHT-OF-WAY PROPERTY IRON NUMBERING FOR 3302, 3304, 3320 & 3321 OF TRANSPORTATION PROJECT PLAT 1540-04-23-4.01 RECORDED AS DOCUMENT NO. 1025141 IN THE OFFICE OF THE REGISTER OF DEEDS IN ST. CROIX COUNTY, WISCONSIN.

THAT PART OF LOTS 3 AND 4, CSM V 22, P 5412 (AS DOC 853576) ALL LOCATED IN THE NE 1/4 - NE 1/4 OF SECTION 33, AND THE NW 1/4 - NW 1/4 OF SECTION 34, ALL IN T29N, R18W, VILLAGE OF ROBERTS, ST. CROIX COUNTY, WISCONSIN.

RELOCATION ORDER STH 65, RIVER FALLS - NEW RICHMOND (STH 65 EXPANSION/70th AVENUE 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 (3), 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

1036809
BETH PABST
REGISTER OF DEEDS
ST. CROIX CO., WI
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EXEMPT #
VOLUME: TPP1
PAGES: 138
PAGES: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1540-04-23-4.01
AMENDMENT NO. 1

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	BLUE JAY PROPERTIES, LLC	FEE	0.82	----	0.82	----
2	COUNTY MATERIALS COORPORATION	FEE,TLE	0.04	----	0.04	0.15

TLE STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
T150	27+00.00	48.01' R
T151	22+77.95	48.01' R

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
40	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	RELEASE OF RIGHTS
44	BALDWIN TELECOM, INC.	RELEASE OF RIGHTS
41	ST. CROIX ELECTRIC COOPERATIVE	RELEASE OF RIGHTS

STATION OFFSET TABLE - STH 65		
POINT	STATION	OFFSET
100	65+43.73	212.72' R
103	65+17.83	245.25' R
104	64+72.33	258.78' R
105	64+35.00	135.00' R
106	63+70.00	95.00' R
107	59+03.99	96.85' R
108	59+38.62	172.75' L
109	61+44.11	165.50' L
110	63+15.71	177.24' L
111	63+91.53	268.46' L

COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	N89° 45' 17"E	448.02'
101-102	S00° 14' 43"E	33.00'
102-103	S89° 45' 17"W	422.72'
103-104	S02° 48' 39"E	47.48'
104-105	S86° 58' 08"W	129.28'
105-106	S45° 21' 26"W	76.32'
106-107	S12° 14' 18"W	454.81'
107-108	N74° 40' 04"W	271.90'
108-109	N13° 34' 12"E	221.26'
109-110	N09° 50' 06"E	172.00'
110-111	N36° 31' 02"W	118.61'
111-112	S89° 56' 45"W	245.39'
112-113	N00° 03' 15"W	33.00'
113-100	N89° 56' 45"E	748.98'

STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
101	27+00.00	0.00' R
102	27+00.00	33.00' R
112	15+03.00	33.00' R
113	15+03.00	0.00' R

EXISTING POINT TABLE			
POINT	Y	X	DESCRIPTION
3291	337817.184	562248.782	1" IP
3294	337697.534	562239.793	1" IP
3295	337577.837	562230.870	1" IP
3296	337418.792	562369.871	1" IP
3300	337405.394	562549.057	1" IP
3301	337995.849	562285.215	1" IP
3302	338096.424	562415.528	METAL ROD
3304	338097.499	562620.153	3/4" rebar
3320	338097.044	562471.272	spike
3321	338097.231	562537.330	3/4" rebar
3337	338001.189	562078.775	3/4" rebar
3340	338095.983	561425.828	3/4" rebar
51776	337831.550	562049.370	3/4" rebar

UTILITY INTEREST TABLE					
UTIL	OWNER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION	PLAT ID
-	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	-	CONVEYANCE OF RIGHTS	DOC 985437	1020-07-20
-	ST. CROIX ELECTRIC COOPERATIVE	-	CONVEYANCE OF RIGHTS	DOC 941686	1020-07-20
40	AT&T WISCONSIN	1,2	R.O.W. AUTHORIZATION	DOC 306324 DOC 305106 DOC 394002	-
41	ST. CROIX ELECTRIC COOPERATIVE	1,2	R.O.W. AUTHORIZATION	DOC 394325	-
44	BALDWIN TELECOM, INC	1,2	NO EASEMENT OF RECORD FOUND	-	-

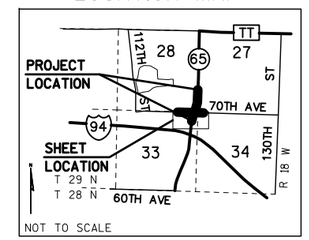
HIGHWAY	BASIS
STH 65	PROJECT T 0171 (4) PROJECT 1020-07-20
70th AVE.	CSM'S 853576 & 957770

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN ST. CROIX COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 1025141.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ST. CROIX COUNTY, NAD 83(1991) IN U.S.SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

LOCATION MAP



NOT TO SCALE

KL Engineering
[A] Better Experience

I, THOMAS J. HANSEN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1540-04-23-4.01, AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
THOMAS J. HANSEN
S-2033
MADISON, WISCONSIN
LAND SURVEYOR

SEPTEMBER 28, 2016
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

MICHAEL PILLER — DATE

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\RW\040101-RP-4.01 AMEND. NO. 1.DWG PLOT DATE : 10/17/2016 12:59 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********
APPRAISAL PLAT DATE :

1540-04-23-4.01 AMEND. NO. 1

KL Engineering
[A] Better Experience

I, THOMAS J. HANSEN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1540-04-23-4.02 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN — THOMAS J. HANSEN — S-2033 — MADISON, WISCONSIN — LAND SURVEYOR

FEBRUARY 22, 2016
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

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

MICHAEL PILLER — DATE

HIGHWAY	BASIS
STH 65	PROJECT T 0171 (4) PROJECT 1540-07-20
70th AVE.	CSM'S 853576 & 957770

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
40	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	RELEASE OF RIGHTS
41	ST. CROIX ELECTRIC COOPERATIVE	RELEASE OF RIGHTS
42	VILLAGE OF ROBERTS (SANITARY)	RELEASE OF RIGHTS
43	VILLAGE OF ROBERTS (WATER)	RELEASE OF RIGHTS

1025259
BETH PABST
REGISTER OF DEEDS
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PROJECT NUMBER 1540-04-23-4.02

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN ST. CROIX COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 1025141.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ST. CROIX COUNTY, NAD 83(1991) IN U.S.SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATION OFFSET TABLE - STH 65		
POINT	STATION	OFFSET
200	65+43.73	212.72' R
203	63+96.36	525.42' L
204	64+45.02	389.33' L
205	64+99.92	272.34' L
206	65+76.04	191.55' L
207	69+29.47	180.57' L
208	74+03.51	72.96' L
209	75+25.00	64.24' L
210	78+27.92	69.20' L
211	79+24.84	76.84' L
212	83+87.80	74.36' L
213	84+49.88	44.78' R
214	84+25.29	44.78' R
215	82+24.63	80.67' R
216	79+25.00	78.20' R
217	78+25.00	100.00' R
218	76+25.00	100.00' R
219	75+25.00	82.33' R
220	74+30.76	89.28' R
221	69+95.74	102.35' R
222	69+55.95	111.40' R
223	69+70.29	180.73' R
224	68+65.14	358.30' R
225	68+14.91	379.48' R
226	66+18.13	411.28' R

P.I. 22+51.69
Y=338,130.022
X=562,511.480
DELTA=00°11'28" LT

P.I. 65+95.41
Y=338,230.775
X=562,317.434
DELTA=01°14'57" LT

P.I. 80+51.11
Y=339,672.440
X=562,468.754
DELTA=01°09'16" RT

P.I. 73+69.68
Y=338,986.691
X=562,485.025
DELTA=13°51'35" LT
D=01°30'28"
T=461.86'
L=919.22'
R=3800.00'
P.C. 69+07.82
P.T. 78+27.04

TLE STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
T250	13+00.00	56.71' L

UTILITY INTEREST TABLE					
UTIL	OWNER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION	PLAT ID
40	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	-	CONVEYANCE OF RIGHTS	DOC 985437	1020-07-20
41	ST. CROIX ELECTRIC COOPERATIVE	-	CONVEYANCE OF RIGHTS	DOC 941686	1020-07-20
40	AT&T WISCONSIN	3	NO EASEMENT OF RECORD FOUND	-	-
41	ST. CROIX ELECTRIC COOPERATIVE	3	NO EASEMENT OF RECORD FOUND	-	-
42	VILLAGE OF ROBERTS (SANITARY)	4	R.O.W. AUTHORIZATION	DOC 954362	-
43	VILLAGE OF ROBERTS (WATER)	4	R.O.W. AUTHORIZATION	DOC 954362	-
41	ST. CROIX ELECTRIC COOPERATIVE	4,6,7	R.O.W. AUTHORIZATION	DOC 193598A	-

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
3	CRANE 1 HOLDINGS, LLC	FEE,AR,TLE	0.19	----	0.19	1.23
4	FRANK S. PAULICH, SR, MARION A. SWANSON & PATRICIA M. DELANDER	FEE,AR,TLE	1.96	----	1.96	0.66
6	JAMES E. & BETTY J. HILPERT	FEE,AR,TLE	0.15	----	0.15	0.09
7	RICHARD M. RIENHART REVOCABLE TRUST	FEE,AR,TLE	0.01	----	0.01	0.29

CURVE DATA
220-221
L=446.87'
LC=445.93'
LCB=S06°13'07"W
R=1990.08'

COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	S89° 56' 45"W	951.98'
201-202	N00° 03' 15"W	33.00'
202-203	N89° 56' 45"E	200.00'
203-204	N84° 04' 35"E	144.53'
204-205	N78° 36' 35"E	129.23'
205-206	N60° 27' 09"E	111.00'
206-207	N14° 21' 31"E	348.41'
207-208	N21° 47' 58"E	470.35'
208-209	N08° 17' 32"E	119.61'
209-210	N00° 02' 36"W	297.58'
210-211	N05° 51' 56"W	97.22'
211-212	N00° 12' 52"W	464.48'
212-213	N62° 16' 24"E	134.34'
213-214	S00° 12' 52"E	24.59'
214-215	S10° 20' 41"E	203.85'
215-216	S00° 12' 52"E	298.03'
216-217	S13° 39' 11"E	102.40'
217-218	S00° 10' 45"W	205.24'
218-219	S12° 13' 43"W	103.91'
219-220	S00° 12' 52"E	96.62'
220-221	SEE CURVE TABLE	
221-222	S01° 00' 16"E	41.90'
222-223	N89° 33' 02"E	70.91'
223-224	S46° 14' 27"E	208.35'
224-225	S10° 21' 43"E	54.52'
225-226	S03° 19' 11"W	199.33'
226-227	N89° 45' 17"E	535.76'
227-228	S00° 14' 43"E	33.00'
228-200	S89° 45' 17"W	748.02'

EXISTING POINT TABLE			
POINT	Y	X	DESCRIPTION
3306	338163.480	562619.866	3/4" rebar DOT CAP
3307	338362.916	562735.414	3/4" rebar DOT CAP
3308	338416.593	562725.613	3/4" rebar DOT CAP
3310	338560.628	562575.171	3/4" rebar DOT CAP
3312	338560.124	562504.324	3/4" rebar DOT CAP
3313	338631.247	562510.153	3/4" rebar
3324	340008.797	562393.206	1" IP
3326	339342.303	562415.685	1" IP
3328	339042.931	562416.819	1" IP
3329	338977.720	562416.193	1" IP
3330	338946.688	562414.196	RW POST
3332	338389.133	562273.732	1" IP
3333	338292.155	562237.015	1" IP
3971	340071.301	562513.780	3/4" rebar
3972	340164.065	562512.121	3/4" rebar
3973	340246.690	562518.933	3/4" rebar
3974	340283.399	562366.034	3/4" rebar

TLE STATION OFFSET TABLE - STH 65		
POINT	STATION	OFFSET
T251	66+03.75	191.16' L
T252	73+45.54	89.59' L
T253	73+44.76	95.82' L
T254	74+04.68	92.93' L
T255	74+04.09	82.95' L
T256	75+25.17	74.27' L
T257	77+20.23	80.16' L
T258	79+25.24	96.84' L
T259	83+87.80	94.36' L
T260	84+50.07	115.63' R
T261	75+02.20	118.87' R
T262	75+00.08	83.94' R
T263	67+02.15	397.70' R

STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
201	13+00.00	0.00' R
202	13+00.00	33.00' L
227	30+00.00	33.00' L
228	30+00.00	0.00' R

FOUND SURVEY SPIKE
Y = 340,780.727
X = 562,465.302

T 29 N — 28 — 27 — R 18 W

LOT 2 CSM V 10 P 2733 DOC 513264
LOT 3 CSM V 10 P 2733 DOC 513264
LOT 1 CSM V 25 P 5811 DOC 945912
LOT 1 CSM V 26 P 6044 DOC 1002221
LOT 1 CSM V 6 P 1655 DOC 412443

TOWN OF WARREN
VILLAGE OF ROBERTS
GOV'T LOT 4
SE-SE OF SW-SW
NW-SW

WAGNER DRIVE
STH 65
70th AVENUE

AT&T WISCONSIN
ST. CROIX ELECTRIC COOPERATIVE
VILLAGE OF ROBERTS DRAINAGE EASEMENT DOC *1006854
VILLAGE OF ROBERTS (WATER)
VILLAGE OF ROBERTS (SANITARY)
UTILITY EASEMENT DOC *954362
TLE SLOPES
SILO
ROBERTS

N62°16'24"E 12.02' R/L TO SEC. LINE
N62°16'24"E 83.84' R/W TO R/L
N62°16'24"E 38.48' SEC. LINE TO R/W
N00°12'18"W
N01°21'33"W
N01°00'16"W 2651.11' SEC. COR. TO SEC. COR.
N89°56'45"E 2661.05' SEC. COR. TO SEC. COR.
N89°45'17"E 2628.23' SEC. COR. TO SEC. COR.
N12°30'02"E
N13°44'59"E
N89°56'45"E
N89°45'17"E
N89°56'45"E 732.94' TRAV. PT. TO R/L
N89°56'45"E 219.04' R/L TO SEC. COR.

P.I. 80+51.11
P.I. 73+69.68
P.I. 65+95.41
P.I. 22+51.69
PT: 78+27.03
PC: 69+07.82
STA. 22+51.98
STA. 64+91.97
64+91.47= 20+32.94

SEE SHEET 1540-04-23-4.01

FOUND SURVEY SPIKE
Y = 338,127.508
X = 559,850.725

FOUND SURVEY SPIKE
Y = 338,130.022
X = 562,511.771

FOUND SURVEY SPIKE
Y = 338,141.269
X = 565,139.978

SCALE, FEET
0 100 200

TRANSPORTATION PROJECT PLAT NO: 1540-04-23-4.02

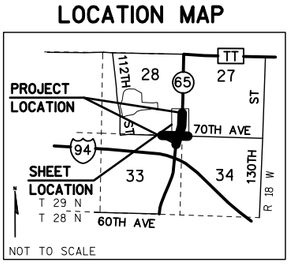
THAT PART OF LOT 1, CSM V 6, P 1655 (AS DOC 412443) IN THE SE 1/4 - SE 1/4 AND GOVERNMENT LOT 4 OF SECTION 28, TOWN OF WARREN; THAT PART OF THE SE 1/4 - SE 1/4 OF SECTION 28, VILLAGE OF ROBERTS AND THAT PART OF THE NW 1/4 - SW 1/4 AND SW 1/4 - SW 1/4 OF SECTION 27, VILLAGE OF ROBERTS, ALL IN T29N, R18W, ST. CROIX COUNTY, WISCONSIN.

RELOCATION ORDER STH 65, RIVER FALLS - NEW RICHMOND (STH 65 EXPANSION/70th AVENUE 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 (3), 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

LOCATION MAP



FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\C1V2L3D\SHEETSPLAN\WOD40401_SP.DWG
APPRAISAL PLAT DATE : FEBRUARY 22, 2016
PLOT DATE : 2/24/2016 7:35 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1540-04-23-4.02

KL Engineering
[A] Better Experience

I, THOMAS J. HANSEN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1540-04-23-4.02, AMENDMENT NO. 2 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN LAND SURVEYOR — THOMAS J. HANSEN S-2033 MADISON, WISCONSIN

Thomas J. Hansen — OCTOBER 4, 2016
THOMAS J. HANSEN — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2033

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

MICHAEL PILLER — DATE

HIGHWAY	BASIS
STH 65	PROJECT T 0171 (4) PROJECT 1020-07-20
70th AVE.	CSM'S 853576 & 957770

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
40	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	RELEASE OF RIGHTS
41	ST. CROIX ELECTRIC COOPERATIVE	RELEASE OF RIGHTS
42	VILLAGE OF ROBERTS (SANITARY)	RELEASE OF RIGHTS
43	VILLAGE OF ROBERTS (WATER)	RELEASE OF RIGHTS

1036810
BETH PABST
REGISTER OF DEEDS
ST. CROIX CO., WI
RECEIVED FOR RECORD
10/05/2016 1:45 PM
EXEMPT #
VOLUME: TPP1
PAGES: 139
PAGES: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1540-04-23-4.02
AMENDMENT NO. 2

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN ST. CROIX COUNTY AS SHEET 2 OF 2 OF DOCUMENT NUMBER 1025141.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, ST. CROIX COUNTY, NAD 83(1991) IN U.S.SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATION OFFSET TABLE - STH 65		
POINT	STATION	OFFSET
200	65+43.73	212.72' R
203	63+96.36	525.42' L
204	64+45.02	389.33' L
205	64+99.92	272.34' L
206	65+76.04	191.55' L
207	69+29.47	180.57' L
208	74+03.51	72.96' L
209	75+25.00	64.24' L
210	78+27.92	69.20' L
211	79+24.84	76.84' L
212	83+87.80	74.36' L
213	84+49.88	44.78' R
214	84+25.29	44.78' R
215	82+24.63	80.67' R
216	79+25.00	78.20' R
217	78+25.00	100.00' R
218	76+25.00	100.00' R
219	75+25.00	82.33' R
220	74+30.76	89.28' R
221	69+95.74	102.35' R
222	69+55.95	111.40' R
223	69+70.29	180.73' R
224	68+65.14	358.30' R
225	68+14.91	379.48' R
226	66+18.13	411.28' R

TLE STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
T250	13+00.00	56.71' L

UTILITY INTEREST TABLE					
UTIL	OWNER	PARCEL	INTEREST DESCRIPTION	RECORDING INFORMATION	PLAT ID
40	WISCONSIN BELL, INC d/b/a AT&T WISCONSIN	-	CONVEYANCE OF RIGHTS	DOC 985437	1020-07-20
41	ST. CROIX ELECTRIC COOPERATIVE	-	CONVEYANCE OF RIGHTS	DOC 941686	1020-07-20
40	AT&T WISCONSIN	3	NO EASEMENT OF RECORD FOUND	-	-
41	ST. CROIX ELECTRIC COOPERATIVE	3	NO EASEMENT OF RECORD FOUND	-	-
42	VILLAGE OF ROBERTS (SANITARY)	4	R.O.W. AUTHORIZATION	DOC 954362	-
43	VILLAGE OF ROBERTS (WATER)	4	R.O.W. AUTHORIZATION	DOC 954362	-
41	ST. CROIX ELECTRIC COOPERATIVE	4,6,7	R.O.W. AUTHORIZATION	DOC 193598A	-

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
3	CRANE 1 HOLDINGS, LLC	FEE,TLE	0.40	----	0.40	1.23
4	FRANK S. PAULICH, SR, MARION A. SWANSON & PATRICIA M. DELANDER	FEE,TLE	1.91	----	1.91	0.66
6	JAMES E. & BETTY J. HILPERT	FEE,TLE	0.15	----	0.15	0.09
7	RICHARD M. RIENHART REVOCABLE TRUST	FEE,TLE	0.01	----	0.01	0.29

CURVE DATA
220-221
L=446.87'
LC=445.93'
LCB=S06°13'07"W
R=1990.08'

COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	S89° 56' 45"W	951.98'
201-202	N00° 03' 15"W	33.00'
202-203	N89° 56' 45"E	200.00'
203-204	N84° 04' 35"E	144.53'
204-205	N78° 36' 35"E	129.23'
205-206	N60° 27' 09"E	111.00'
206-207	N14° 21' 31"E	348.41'
207-208	N21° 47' 58"E	470.35'
208-209	N08° 17' 32"E	119.61'
209-210	N00° 02' 36"W	297.58'
210-211	N05° 51' 56"W	97.22'
211-212	N00° 12' 52"W	464.48'
212-213	N62° 16' 24"E	134.34'
213-214	S00° 12' 52"E	24.59'
214-215	S10° 20' 41"E	203.85'
215-216	S00° 12' 52"E	298.03'
216-217	S13° 39' 11"E	102.40'
217-218	S00° 10' 45"W	205.24'
218-219	S12° 13' 43"W	103.91'
219-220	S00° 12' 52"E	96.62'
220-221	SEE CURVE TABLE	
221-222	S01° 00' 16"E	41.90'
222-223	N89° 33' 02"E	70.91'
223-224	S46° 14' 27"E	208.35'
224-225	S10° 21' 43"E	54.52'
225-226	S03° 19' 11"W	199.33'
226-227	N89° 45' 17"E	535.76'
227-228	S00° 14' 43"E	33.00'
228-200	S89° 45' 17"W	748.02'

EXISTING POINT TABLE			
POINT	Y	X	DESCRIPTION
3306	338163.480	562619.866	3/4" rebar DOT CAP
3307	338362.916	562735.414	3/4" rebar DOT CAP
3308	338416.593	562725.613	3/4" rebar DOT CAP
3310	338560.628	562575.171	3/4" rebar DOT CAP
3312	338560.124	562504.327	3/4" rebar DOT CAP
3313	338631.247	562510.153	3/4" rebar
3324	340008.797	562393.206	1" IP
3326	339342.303	562415.685	1" IP
3328	339042.931	562416.819	1" IP
3329	338977.720	562416.193	1" IP
3332	338389.133	562273.732	1" IP
3333	338292.155	562237.015	1" IP
3971	340071.301	562513.780	3/4" rebar
3972	340164.065	562512.121	3/4" rebar
3973	340246.690	562518.933	3/4" rebar
3974	340283.399	562558.453	3/4" rebar

TLE STATION OFFSET TABLE - STH 65		
POINT	STATION	OFFSET
T251	66+03.75	191.16' L
T252	73+45.54	89.59' L
T253	73+44.76	95.82' L
T254	74+04.68	92.93' L
T255	74+04.09	82.95' L
T256	75+25.17	74.27' L
T257	77+20.23	80.16' L
T258	79+25.24	96.84' L
T259	83+87.80	94.36' L
T260	84+50.07	115.63' R
T261	75+02.20	118.87' R
T262	75+00.08	83.94' R
T263	67+02.15	397.70' R

STATION OFFSET TABLE - 70TH ST		
POINT	STATION	OFFSET
201	13+00.00	0.00' R
202	13+00.00	33.00' L
227	30+00.00	33.00' L
228	30+00.00	0.00' R

P.I. 22+51.69
Y=338,130.022
X=562,511.480
DELTA=00°11'28" LT

P.I. 65+95.41
Y=338,230.775
X=562,317.434
DELTA=01°14'57" LT

P.I. 80+51.11
Y=339,672.440
X=562,468.754
DELTA=01°09'16" RT

P.I. 73+69.68
Y=338,986.691
X=562,485.025
DELTA=13°51'35" LT
D=01°30'28"
T=461.86'
L=919.22'
R=3800.00'
P.C. 69+07.82
P.T. 78+27.04

FOUND SURVEY SPIKE
Y = 340,780.727
X = 562,465.302

T 29 N, 28, 27, R 18 W

LOT 2 CSM V 10 P 2733 DOC 513264
LOT 1 CSM V 25 P 5811 DOC 945912
LOT 3 CSM V 10 P 2733 DOC 513264
LOT 1 CSM V 26 P 6044 DOC 1002221
LOT 1 CSM V 6 P 1655 DOC 412443

TOWN OF WARREN
VILLAGE OF ROBERTS
GOV'T LOT 4
OF
WARREN VILLAGE
SE-SE
SW-SW
NW-SW
ROBERTS

80' WAGNER DRIVE
STH 65
70th AVENUE

N62°16'24"E 12.02' R/L TO SEC. LINE
N62°16'24"E 83.84' R/W TO R/L
N62°16'24"E 38.48' SEC. LINE TO R/W
N00°12'18"W
N01°21'33"W
N00°01'16"W 2651.11' SEC. COR. TO SEC. COR.
N89°56'45"E 2661.05' SEC. COR. TO SEC. COR.
N89°45'17"E 2628.23' SEC. COR. TO SEC. COR.
N89°56'45"E
N89°45'17"E
N13°44'59"E
N12°30'02"E
N89°56'45"E 732.94' TRAV. PT. TO R/L
64+91.47= 20+32.94
N89°56'45"E 219.04' R/L TO SEC. COR.

PI: 80+51.11
PT: 78+27.03
PI: 73+69.68
PI: 65+95.41
PI: 22+51.69
PC: 69+07.82
STA. 22+51.98
STA. 64+91.97

AT&T WISCONSIN
ST. CROIX ELECTRIC COOPERATIVE
VILLAGE OF ROBERTS DRAINAGE EASEMENT DOC *1006854
VILLAGE OF ROBERTS (WATER)
VILLAGE OF ROBERTS (SANITARY)
UTILITY EASEMENT DOC *954362
TLE SLOPES
SILO
SEE SHEET 1540-04-23-4.01

FOUND SURVEY SPIKE
Y = 338,127.508
X = 559,850.725

FOUND SURVEY SPIKE
Y = 338,130.022
X = 562,511.771

FOUND SURVEY SPIKE
Y = 565,139.978
X = 565,139.978

TRANSPORTATION PROJECT PLAT NO: 1540-04-23-4.02, AMENDMENT NO. 2

THIS AMENDS PARCELS 3, 4, 6, 7, THE BASIS FOR STH 65, REVISES NUMBERING OF POINTS 3371-3374 TO 3971-3974 AND REMOVES POINT 3330 OF TRANSPORTATION PROJECT PLAT 1540-04-23-4.02 RECORDED AS DOCUMENT 1025259 IN THE REGISTER OF DEEDS IN ST. CROIX COUNTY, WISCONSIN.

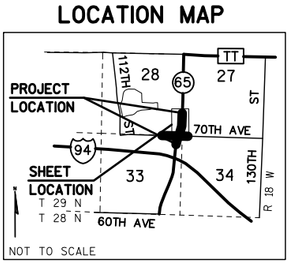
THAT PART OF LOT 1, CSM V 6, P 1655 (AS DOC 412443) IN THE SE 1/4 - SE 1/4 AND GOVERNMENT LOT 4 OF SECTION 28, TOWN OF WARREN; THAT PART OF THE SE 1/4 - SE 1/4 OF SECTION 28, VILLAGE OF ROBERTS AND THAT PART OF THE NW 1/4 - SW 1/4 AND SW 1/4 - SW 1/4 OF SECTION 27, VILLAGE OF ROBERTS, ALL IN T29N, R18W, ST. CROIX COUNTY, WISCONSIN.

RELOCATION ORDER STH 65, RIVER FALLS - NEW RICHMOND (STH 65 EXPANSION/70th AVENUE 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 (3), 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

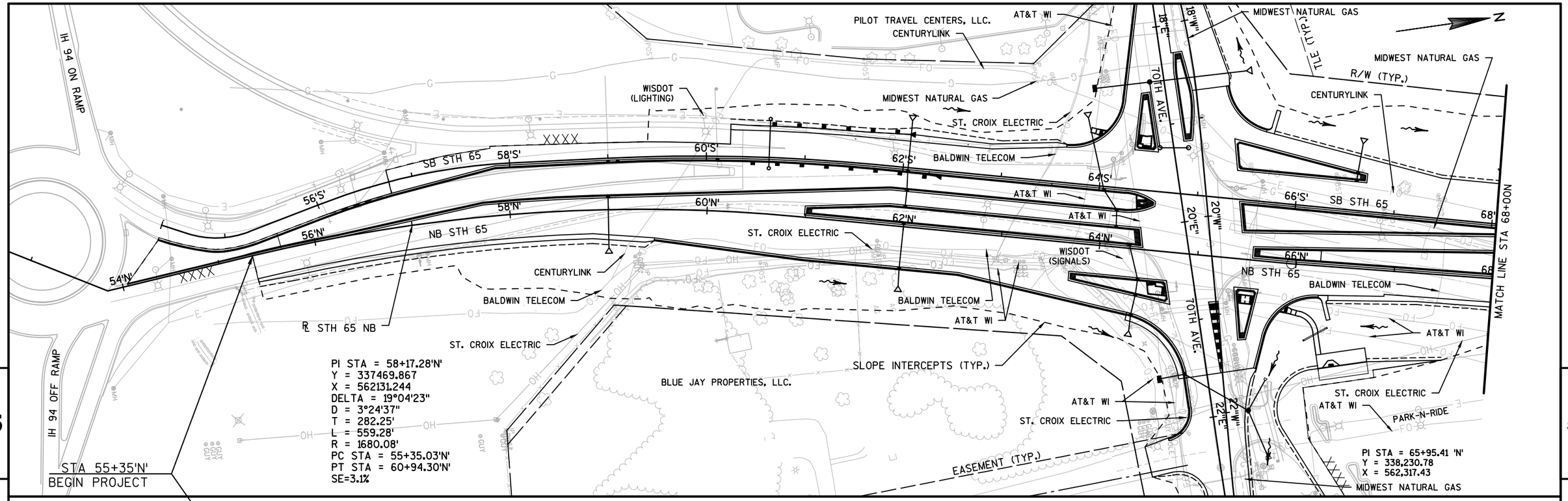
LOCATION MAP



NOT TO SCALE

SCALE, FEET
0 100 200

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\WO13-SP-4.02 AMEND. NO. 2.DWG PLOT DATE : 10/17/2016 1:16 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : ********** 1540-04-23-4.02, AMEND NO. 2
APPRAISAL PLAT DATE :



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: STH 65 NB	SHEET	E

PILOT TRAVEL CENTERS, LLC.

AT&T WI

MIDWEST NATURAL GAS

CENTURYLINK

MIDWEST NATURAL GAS

PAVLICH, FRANK S. SR. &
SWANSON, MARION A. &
DELANDER, PATRICIA A.

N

ST. CROIX ELECTRIC

BALDWIN TELECOM

18'E

18'W

70TH AVE.

TLE (TYP.)

R/W (TYP.)

PC: 54+33.98
PT: 54+60.88
PC: 56+10.11
PT: 56+25.05
PT: 58+02.94
PC: 58+98.87
PT: 61+71.70

℄ STH 65 SB
WISDOT
(LIGHTING)

SB STH 65

STH 65

XXXX

55+00
56+00
57+00
58+00
59+00
60+00
61+00
62+00
63+00
64+00
65+00
66+00
67+00 SB STH 65
68+00
69+00
70+00

AT&T WI

WISDOT (SIGNALS)

CENTURYLINK

MIDWEST NATURAL GAS

MATCH LINE STA 70+00OS

NB STH 65

56'N.
58'N.
60'N.
62'N.
64'N.
66'N.
68'N. NB STH 65

20'E
20'W

ST. CROIX ELECTRIC

CENTURYLINK

BALDWIN TELECOM

AT&T WI

BALDWIN TELECOM

SLOPE INTERCEPTS (TYP.)

STA 57+82'S'
BEGIN CONSTRUCTION

BALDWIN TELECOM

ST. CROIX ELECTRIC

BLUE JAY PROPERTIES, LLC.

STA 60+64'S'
FULL SPAN OVERHEAD
SIGN SUPPORT REQ'D.
S-55-053

STA 60+41'S' LT - STA 62+09'S' LT
STA 61+39'S' RT - STA 62+39'S' RT
MGS GUARDRAIL 3
2-MGS GUARDRAIL TERMINAL EAT REQ'D.

AT&T WI

ST. CROIX ELECTRIC

22'E

22'W

ST. CROIX ELECTRIC

PARK & RIDE

AT&T WI

MIDWEST NATURAL GAS

-4.73%

STA 58+25.64
EL 1025.85

VCL = 400.00
K = 96.94

VPC STA 60+78.14'S'
VPC EL 1013.90

VPI STA 62+78.14'S'
VPI EL 1004.44

VPT STA 64+78.14'S'
VPT EL 1003.23

PROPOSED ℄ PROFILE

-0.61%

1.49%

-0.53%

-0.98%

EXISTING ℄ PROFILE

SPECIAL DITCH

1040
1030
1020
1010
1000
990

55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

1038.87 1037.60 1035.72 1033.76 1031.64 1031.59 1029.40 1029.31 1027.07 1027.02 1024.66 1024.70 1022.21 1022.33 1019.84 1019.97 1017.59 1017.60 1015.16 1015.24 1012.90 1012.89 1010.64 1010.77 1008.69 1008.90 1007.35 1007.30 1006.17 1005.95 1004.96 1004.85 1004.02 1004.02 1003.23 1003.44 1002.51 1003.10 1002.06 1002.79 1000.43 1002.49 999.08 1002.19 999.33 1001.89 1000.89 1001.58 1003.25 1001.28 1004.99 1000.98 1004.88 1000.67 1004.36 1000.37 1003.05 1000.07

5

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PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: STH 65 SB	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN AND PROFILE\050102-PP(65SB).DWG PLOT DATE : 6/1/2017 8:14 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

SLOPE INTERCEPTS (TYP.)
R/W (TYP.)
MATCH LINE STA 68+00N
BALDWIN TELECOM
CENTURYLINK
MIDWEST NATURAL GAS
70'S'
SB STH 65
72'S'
70'N'
72'N'
NB STH 65
74'S'
74'N'
AT&T WI
CONCRETE PAVEMENT
HMA PAVEMENT
ST. CROIX ELECTRIC
℄ STH 65 NB
AT&T WI
HILPERT, JAMES E. & BETTY J.
SEPTIC TANK COVER
SEPTIC VENTS
PL
PL
ST. CROIX ELECTRIC
RICHARD M. RIENHART REVOCABLE TRUST
65NB
PI STA = 80+51.13 'N'
Y = 339,672.46
X = 562,468.71
D=1° 9' 15"
N
DELINEATED WETLANDS
MIDWEST NATURAL GAS
CENTURYLINK
BALDWIN TELECOM
AT&T WI TELEPHONE
82'S'
82'N'
80'S'
78'S'
78'N'
76'S'
STH 65
AT&T WI
TLE (TYP.)
STA 82+70'N'
END PROJECT
PARK & PLACE
WISDOT (LIGHTING)
PI STA = 73+69.68'N'
Y = 338986.691
X = 562485.025
DELTA = 13°51'35"
D = 1°30'28"
T = 461.86'
L = 919.22'
R = 3800.00'
PC STA = 69+07.82'N'
PT STA = 78+27.04'N'
SE=3.5%
CRANE 1 HOLDINGS, LLC.
DELINEATED WETLANDS
STA 70+27'N' - STA 72+52'N' LT
STA 76+18'N' - STA 81+83'N' RT
MGS GUARDRAIL 3
3-MGS GUARDRAIL TERMINAL EAT REQ'D.

PROPOSED ℄ PROFILE
EXISTING ℄ PROFILE
VPC STA 73+26.33'N'
VPC EL 996.84
VPI STA 74+76.33'N'
VPI EL 995.90
VPT STA 76+26.33'N'
VPT EL 993.76
VPC STA 78+51.33'N'
VPC EL 990.56
STA 81+01.33'N'
VPT EL 988.00
-0.63%
-1.42%
VCL = 300.00
K = 376.97
VCL = 500.00
K = 215.05

68	69	70	71	72	73	74	75	76	77	78	79	80	82	83
1000.15	999.86	999.83	999.53	999.52	999.17	999.21	998.85	998.89	998.57	998.58	998.20	998.26	997.78	997.95	997.46	997.64	997.11	997.32	996.82	997.01	996.62	996.69	996.39	996.31	996.17	995.86	995.92	995.35	995.44	994.77	994.81	994.13	994.09	993.43	993.34	992.71	992.55	992.00	991.79	991.29	991.09	990.58	990.48	989.92	989.92	989.38	989.44	988.96	989.10	988.65	988.88	988.38	988.38	988.42	988.42	988.58	988.58	988.85	988.82

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: STH 65 NB	SHEET	E

STA 72+05'S' RT - STA 74+05'S' RT
STA 72+04'S' LT - STA 73+70'S' LT
MGS GUARDRAIL 3
2-MGS GUARDRAIL TERMINAL EAT REQ'D.

STA 72+28'S'
FULL SPAN OVERHEAD
SIGN SUPPORT REQ'D.
S-55-0054

PI STA = 75+35.21'S'
Y = 339152.026
X = 562481.103
DELTA = 15°06'36"
D = 2°01'54"
T = 374.01'
L = 743.69'
R = 2820.00'
PC STA = 71+61.19'S'
PT STA = 79+04.88'S'
SE= 3.5%

STA 74+39'S' LT
RECONSTRUCT P.E.

STA 80+67'S' LT
6' X 30" CPCS EXTENSION REQ'D.
1 ENDWALL REQ'D.

N

SLOPE INTERCEPTS (TYP.)
BALDWIN TELECOM
MIDWEST NATURAL GAS
CENTURYLINK
MATCH LINE STA 70+00S
PC STA 71+61.19
PL
HILPERT, JAMES E. & BETTY J.
PT STA 79+04.88
ST. CROIX ELECTRIC
RICHARD M. RIENHART
REVOCABLE TRUST
DELINEATED WETLANDS
CENTURYLINK
BALDWIN TELECOM
MIDWEST NATURAL GAS
AT&T WI TELEPHONE
70+00
71+00
72+00
SB STH 65
73+00
74+00
R STH 65 SB
NB STH 65
AT&T WI
75+00
76+00
77+00
78+00
79+00
STH 65
80+00
81+00
82+00
83+00
84+00
85+00
70'N'
72'N'
74'N'
76'N'
78'N'
80'N'
82'N'
84'N'
CONCRETE
HMA
AT&T WI
ST. CROIX ELECTRIC
R/W (TYP.)
TLE (TYP.)
DELINEATED WETLANDS
CRANE 1 HOLDINGS, LLC.
STA 80+67'S' RT
8' X 30" CPCS EXTENSION REQ'D.
1 ENDWALL REQ'D.
STA 82+70'S'
END CONSTRUCTION

5

5

VPC STA 71+00.59'S'
VPC EL 999.46
VPI STA 72+50.59'S'
VPI EL 998.55
VPT STA 74+00.59'S'
VPT EL 996.51
STA 76+00.00
EL 993.80
PROPOSED ℄ PROFILE
-1.36%
-0.57%
SPECIAL DITCH
EXISTING ℄ PROFILE
VCL = 300.00
K = 398.32
STA 80+67'S' LT & RT
30" CPCS EXTENSION REQ'D.

1020
1010
1000
990
980

70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85

1003.05 1000.07
1001.37 999.77
999.63 999.46
997.63 999.13
995.68 998.73
994.69 998.27
994.53 997.75
992.81 997.17
993.66 996.52
995.23 995.84
995.06 995.16
994.59 994.48
993.96
993.30
992.61
991.85
991.12
990.49
989.92
989.44
989.10
988.88
988.67
988.41
988.40
988.56
988.80
989.18
989.64
990.10
990.54

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: STH 65 SB	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN AND PROFILE\050102-PP(65SB).DWG PLOT DATE : 6/1/2017 8:17 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

PAVLICH, FRANK S. & SWANSON, MARION A. & DELANDER, PATRICIA A.

CENTURYLINK

SLOPE INTERCEPTS (TYP.)

ST. CROIX ELECTRIC

MIDWEST NATURAL GAS

VILLAGE OF ROBERTS

MIDWEST NATURAL GAS

70TH AVE.

R 70TH AVE. EB

ST. CROIX ELECTRIC

BALDWIN TELECOM

ST. CROIX ELECTRIC

PILOT TRAVEL CENTERS, LLC.

UG GAS TERMINAL

STA 17+47'E'
BEGIN CONSTRUCTION

MIDWEST NATURAL GAS

CENTURYLINK

STA 18+24'E'
1-APRON ENDWALL REQ'D.
1-INLETS MEDIAN 2-GRATE REQ'D.
SEE STORM SEWER PLAN

SB STH 65

NB STH 65

CONCRETE

HMA

CONCRETE

AT&T WI

BALDWIN TELECOM

PARK & ROAD

AT&T WI

WISDOT (LIGHTING)

MIDWEST NATURAL GAS

CONCRETE

HMA

N89° 56' 45"E

AT&T WI

BALDWIN TELECOM

ST. CROIX ELECTRIC

BALDWIN TELECOM

BLUE JAY PROPERTIES, LLC.

CRANE 1 HOLDINGS, LLC.

R/W (TYP.)

TLE (TYP.)

MIDWEST NATURAL GAS

ST. CROIX ELECTRIC

N89° 45' 17"E

70TH AVE.

EXIST. R/W (TYP.)

COUNTY MATERIALS CORP.

AT&T WI

EASEMENT (TYP.)

STA 21+20'W' LT
1-22 LF CP CLASS II 12-INCH REQ'D.
2-ENDWALLS REQ'D.

STA 21+53'E'
1-APRON ENDWALL REQ'D.
1-INLETS MEDIAN 2-GRATE REQ'D.
SEE STORM SEWER PLAN

STA 22+97'E'
1-58 LF CPCS CLASS III 18-INCH REQ'D.
2-ENDWALLS REQ'D.

Lci-70th Ave
PI STA = 22+51.68 E
Y = 338,121.40
X = 562,511.48
D=00° 11' 28"

STA 26+50'E'
END CONSTRUCTION

N

5

5

STA 17+47.00 EL 1001.54
VPC STA 18+05.95E VPC EL 1002.63
VPI STA 18+58.45E VPI EL 1003.60
VPT STA 19+10.95E VPT EL 1003.33
STA 19+39.00 EL 1003.18
STA 19+59.00 EL 1003.58
STA 19+71.00 EL 1003.34
STA 20+33.00 EL 1002.10
STA 20+45.00 EL 1001.86
STA 20+57.00 EL 1001.62
VPC STA 21+00.00E VPC EL 1001.14
VPI STA 22+00.00E VPI EL 1000.00
VPT STA 23+00.00E VPT EL 999.90
STA 26+50.00 EL 999.53

VCL = 200.00
K = 193.82

1.85%
-0.52%
-2.00%
-2.00%
-2.00%
-2.00%
-1.14%
-2.00%
-0.10%

EXISTING ℄ PROFILE
STA 18+24'E'
150 LF SSP CLASS III-A 24-INCH REQ'D.
SEE STORM SEWER PLAN

PROPOSED ℄ PROFILE
STA 21+53'E'
75 LF SSPRC CLASS III 24-INCH REQ'D.
SEE STORM SEWER PLAN

STA 22+97'E'
58 LF CPCS 18-INCH REQ'D.
2-18-INCH ENDWALLS REQ'D.

VCL = 105.00
K = 44.32

1050 1040 1030 1020 1010 1000 990

14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

998.66 999.02 999.23 999.47 999.78 1000.20 1000.80 1001.59 1001.60 1002.45 1002.52 1003.15 1003.23 1003.46 1003.37 1003.11 1003.40 1002.07 1002.76 1001.02 1001.76 1000.31 1001.14 999.96 1000.63 999.94 1000.26 999.93 1000.01 999.84 999.90 999.75 999.84 999.70 999.79 999.69 999.74 999.65 999.69 999.59 999.63 999.53 999.58 999.52 999.53 999.65 999.76 999.69 999.53 999.39

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: 70TH AVE. EB	SHEET	E

PI STA = 16+02.33W
Y = 338129.408
X = 561862.118
DELTA = 9°37'40"
D = 7°26'28"
T = 64.85'
L = 129.39'
R = 770.00'
PC STA = 15+37.48W
PT STA = 16+66.87W

PI STA = 18+09.73W
Y = 338164.339
X = 562066.865
DELTA = 12°44'04"
D = 7°26'28"
T = 85.92'
L = 171.14'
R = 770.00'
PC STA = 17+23.80W
PT STA = 18+94.94W

PI STA = 24+38.63W
Y = 338130.810
X = 562695.578
DELTA = 3°17'53"
D = 1°00'19"
T = 164.09'
L = 328.09'
R = 5700.00'
PC STA = 22+74.54W
PT STA = 26+02.63W

N

CENTURYLINK
PAVLICH, FRANK S. & SWANSON, MARION A. & DELANDER, PATRICIA A.
BALDWIN TELECOM
PARK & ROAD
AT&T WI
WISDOT (LIGHTING)
MIDWEST NATURAL GAS
ST. CROIX ELECTRIC
MIDWEST NATURAL GAS
VILLAGE OF ROBERTS
MIDWEST NATURAL GAS
SB STH 65
NB STH 65
66'N"
64'N"
R/W (TYP.)
TLE (TYP.)
CRANE 1 HOLDINGS, LLC.
MIDWEST NATURAL GAS
ST. CROIX ELECTRIC
WISDOT (SIGNALS)
CONCRETE
HMA
18W
20W
22W
24W
28W
14W
16W
18E
20E
22E
24E
28E
65+00
70TH AVE.
℄ 70TH AVE. WB
CONCRETE
HMA
CONCRETE
AT&T WI
N89° 56' 45"E
N89° 45' 17"E
70TH AVE.
EXIST. R/W (TYP.)
ST. CROIX ELECTRIC
BALDWIN TELECOM
ST. CROIX ELECTRIC
UG GAS TERMINAL
AT&T WI
SLOPE INTERCEPTS (TYP.)
PILOT TRAVEL CENTERS, LLC.
STA 15+37'W'
BEGIN CONSTRUCTION
AT&T WI
BALDWIN TELECOM
ST. CROIX ELECTRIC
BALDWIN TELECOM
MIDWEST NATURAL GAS
CENTURYLINK
SB STH 65
NB STH 65
EASEMENT (TYP.)
BLUE JAY PROPERTIES, LLC.
COUNTY MATERIALS CORP.
STA 26+53'W'
END CONSTRUCTION

STA 16+60'W' LT
CONSTRUCT FE

STA 18+24'E'
1-APRON ENDWALL REQ'D.
1-INLETS MEDIAN 2-GRATE REQ'D.
SEE STORM SEWER PLAN

STA 21+20'W' LT
1-22 LF CP CLASS II 12-INCH REQ'D.
2-ENDWALLS REQ'D.

STA 21+53'E'
1-APRON ENDWALL REQ'D.
1-INLETS MEDIAN 2-GRATE REQ'D.
SEE STORM SEWER PLAN

STA 22+97'E'
1-58 LF CPCS CLASS III 18-INCH REQ'D.
2-ENDWALLS REQ'D.

5

5

VCL = 200.00
K = 158.18

VCL = 200.00
K = 153.41

VCL = 105.00
K = 48.48

STA 14+47.82 EL 999.00
VPC STA 15+18.79W VPC EL 999.28
VPI STA 16+18.79W VPI EL 999.66
VPT STA 17+18.79W VPT EL 1001.31
VPC STA 18+05.50W VPC EL 1002.74
VPI STA 18+58.00W VPI EL 1003.60
VPT STA 19+10.50W VPT EL 1003.33
STA 19+39.00 EL 1003.18
STA 19+79.00 EL 1003.18
STA 20+40.00 EL 1001.96
VPC STA 21+00.00W VPC EL 1001.00
VPI STA 22+00.00W VPI EL 999.67
VPT STA 23+00.00W VPT EL 999.64
SPA 23+19.64 EL 999.64
STA 24+00.00 EL 999.72
STA 24+62.09 EL 999.69
STA 25+39.02 EL 999.64
STA 26+53.00 EL 999.53

0.38% 1.65% +0.52% +2.00% +2.00% -2.00% -2.00% -2.00% -1.33% -0.03% 0.10% -0.04% -0.07% -0.10%

EXISTING ℄ PROFILE
PROPOSED ℄ PROFILE

STA 18+24'E'
150 LF SSP CLASS III-A 24-INCH REQ'D.
SEE STORM SEWER PLAN

STA 21+53'E'
75 LF SSPRC CLASS III 24-INCH REQ'D.
SEE STORM SEWER PLAN

STA 22+97'E'
58 LF CPCS 18-INCH REQ'D.
2-18-INCH ENDWALLS REQ'D.

1020 1010 1000 990 980

14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

998.66 999.02 999.01 999.23 999.20 999.46 999.43 999.73 999.80 1000.03 1000.32 1000.51 1001.01 999.69 1001.82 999.15 1002.65 999.96 1003.27 1002.11 1003.38 1002.63 1003.40 1002.28 1002.76 1000.71 1001.76 1000.16 1001.00 999.67 1000.42 999.67 1000.00 999.62 999.74 999.66 999.64 999.66 999.67 999.61 999.72 999.65 999.70 999.63 999.67 999.59 999.63 999.53 999.58 999.51 999.53 999.64 999.76

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: 70TH AVE WB	SHEET	E

BLUE JAY PROPERTIES, LLC.

ST. CROIX ELECTRIC
MIDWEST NATURAL GAS
AT&T WI

COUNTY MATERIALS CORP.

PARK & RIDE

AT&T WI

WISDOT (LIGHTING)

SLOPE INTERCEPTS (TYP.)

CRANE 1 HOLDINGS, LLC.

SB STH 65
NB STH 65
70"N"
72"SD
72"N"
PC:
71+00
73+00

70TH AVE.

R/W (TYP.)

TLE (TYP.)

STA 10+00'P'
BEGIN CONSTRUCTION

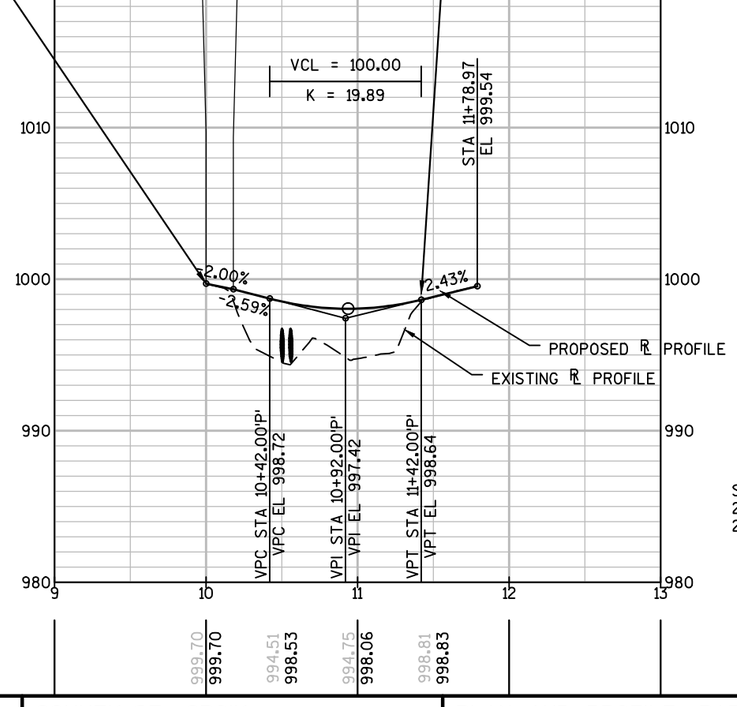
STA 11+42'P'
END CONSTRUCTION

PI STA = 11+04.44'P'
Y = 338235.076
X = 562655.879
DELTA = 17°35'31"
D = 76°23'40"
T = 11.61'
L = 23.03'
R = 75.00'
PC STA = 10+92.83'P'
PT STA = 11+15.86'P'
SE=NC

N

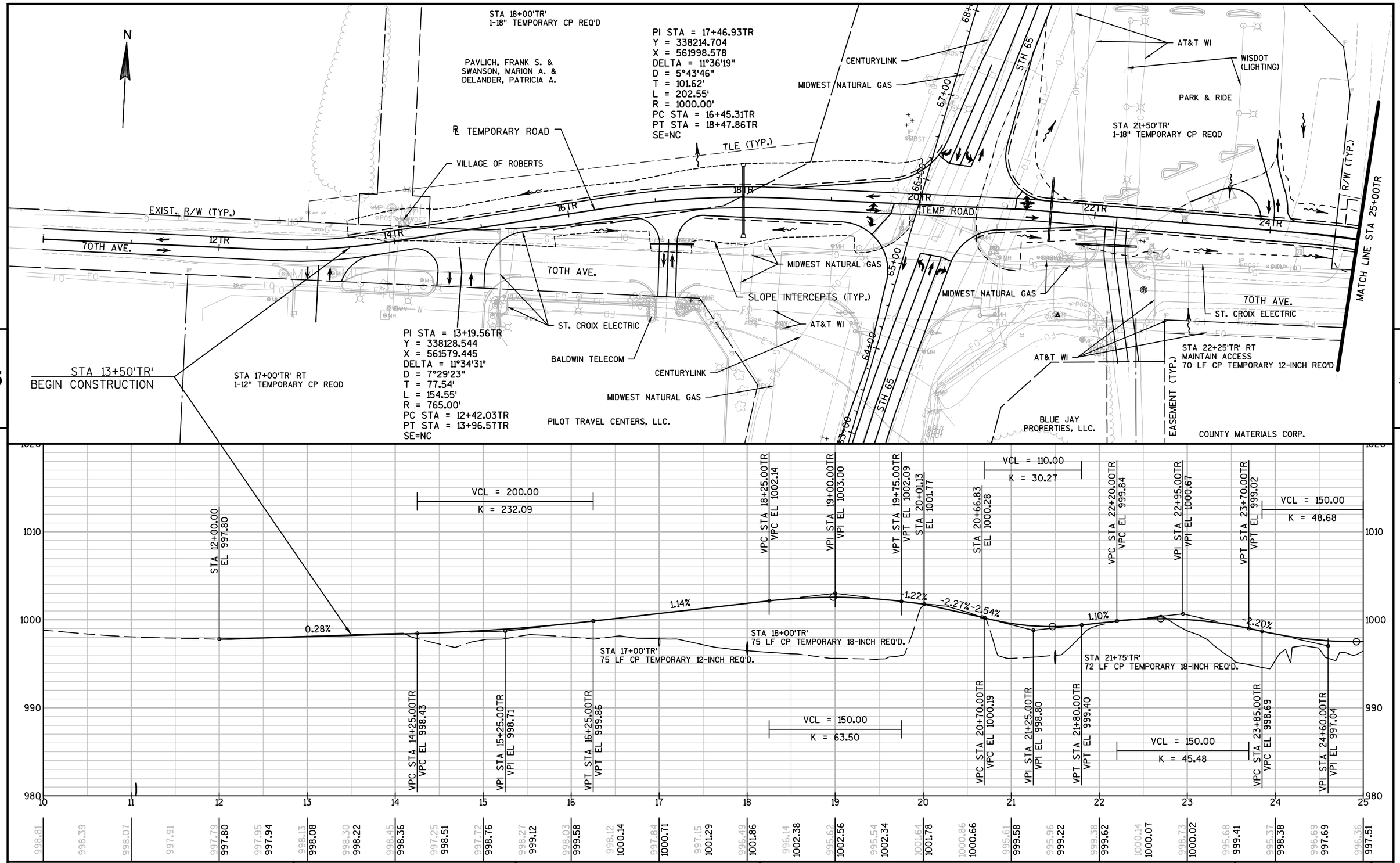
5

5



STA 10+62'P'
2 X 75LF CPRCHE CLASS HE-III 19X30-INCH REQ'D.
2-APRON ENDWALLS REQ'D.

PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: PARK & RIDE	SHEET	E



5

5

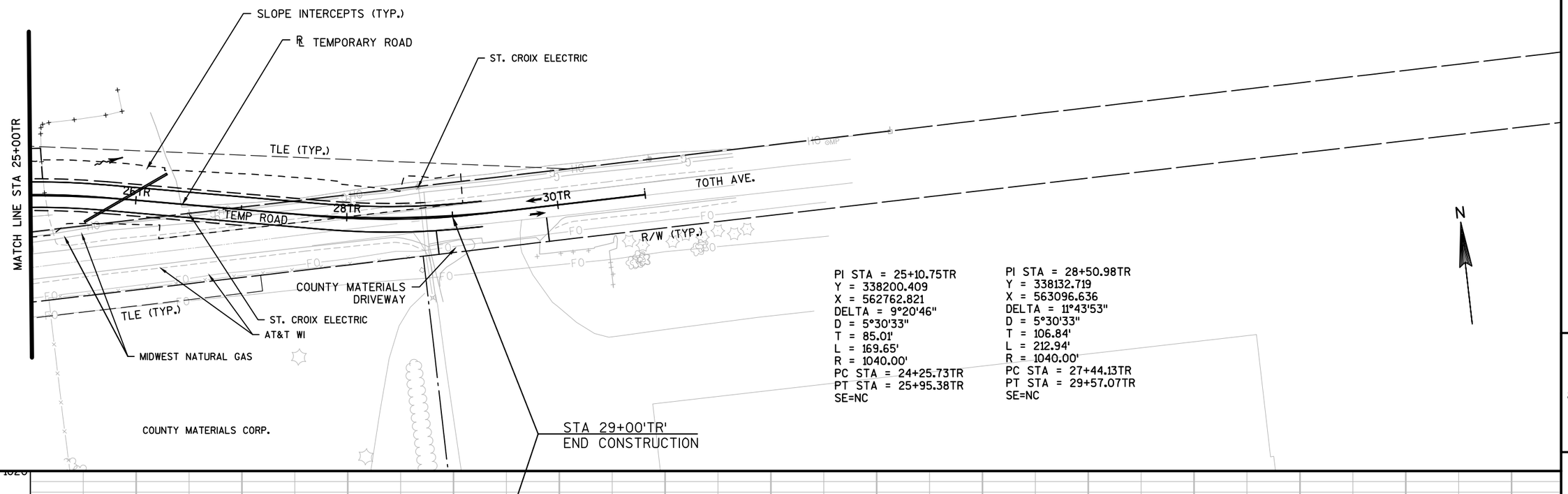
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\PLAN AND PROFILE\050106-PP(70TH TEMP ROAD).DWG TIME : 6/1/2017 8:22 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

STA 25+00'TR' LT
TEMP. FE
1-18" TEMPORARY CP REQ'D.

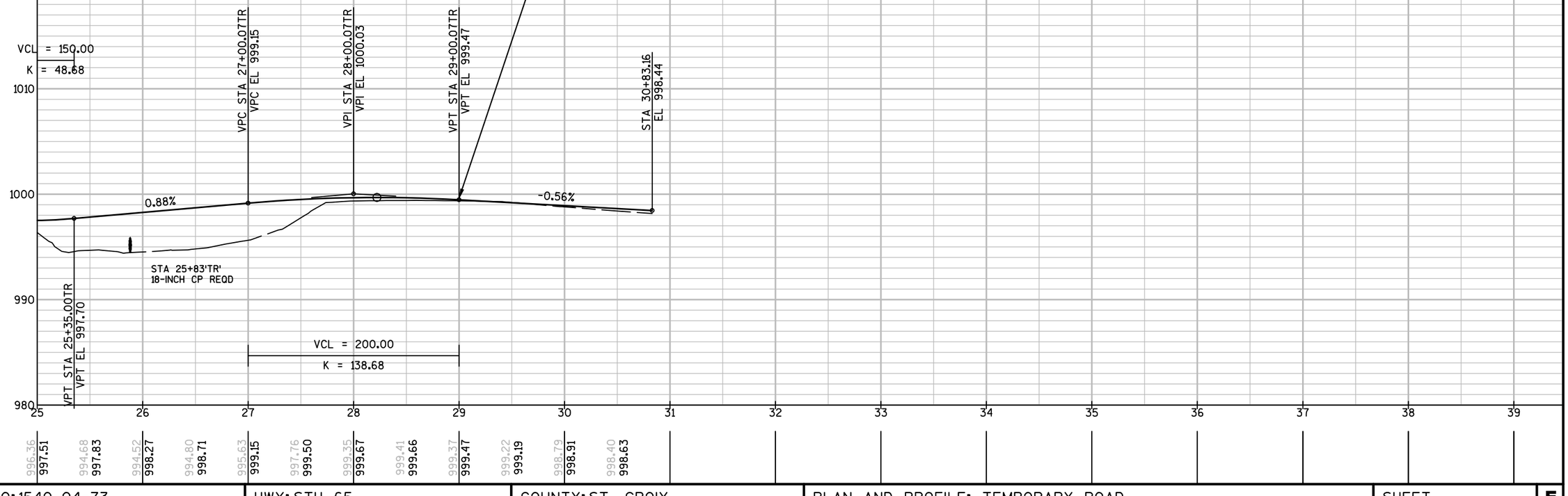
STA 26+00'TR'
1-18" TEMPORARY CP REQ'D.
SKEW LHF

CRANE 1 HOLDINGS, LLC.



PI STA = 25+10.75TR
Y = 338200.409
X = 562762.821
DELTA = 9°20'46"
D = 5°30'33"
T = 85.01'
L = 169.65'
R = 1040.00'
PC STA = 24+25.73TR
PT STA = 25+95.38TR
SE=NC

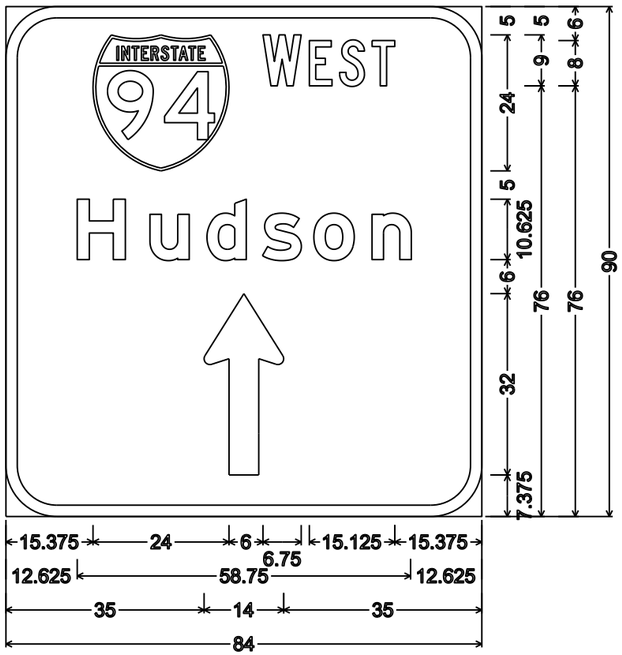
PI STA = 28+50.98TR
Y = 338132.719
X = 563096.636
DELTA = 11°43'53"
D = 5°30'33"
T = 106.84'
L = 212.94'
R = 1040.00'
PC STA = 27+44.13TR
PT STA = 29+57.07TR
SE=NC



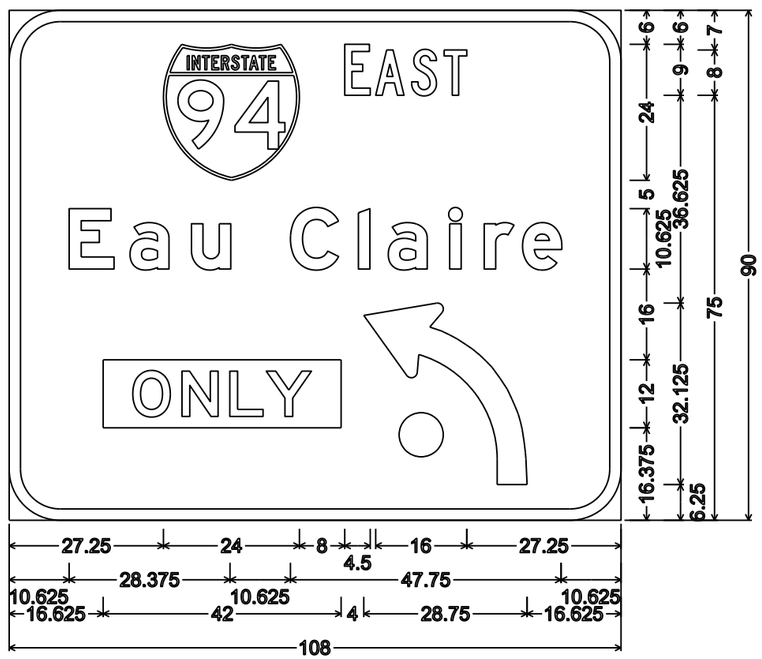
PROJECT NO:1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	PLAN AND PROFILE: TEMPORARY ROAD	SHEET	E

NOTES

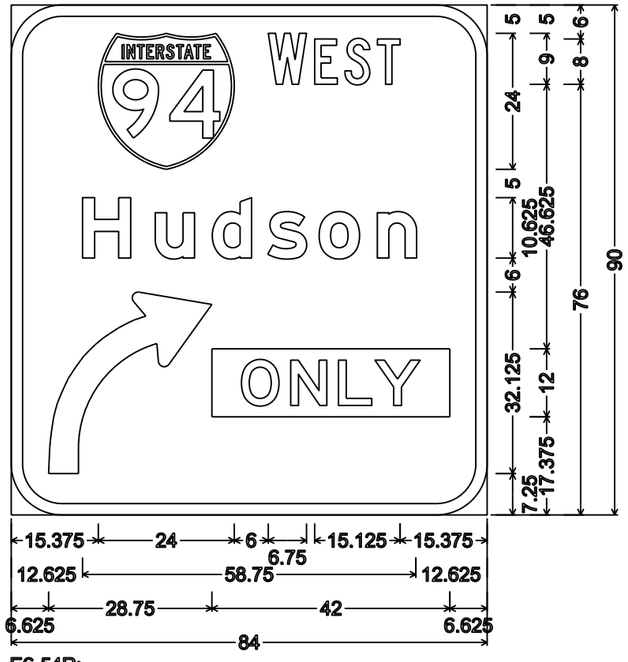
1. Sign is Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - As noted
4. Only Panel on .040" aluminum with Type F reflective sheeting with black non-reflective message



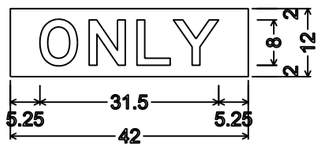
E6-54A;
9.000" Radius, 2.000" Border,
"WEST" C; "Hudson" E Mod



9.000" Radius, 2.000" Border,
"EAST" C; "Eau" E Mod; "Claire" E Mod



E6-54R;
9.000" Radius, 2.000" Border,
"WEST" C; "Hudson" E Mod

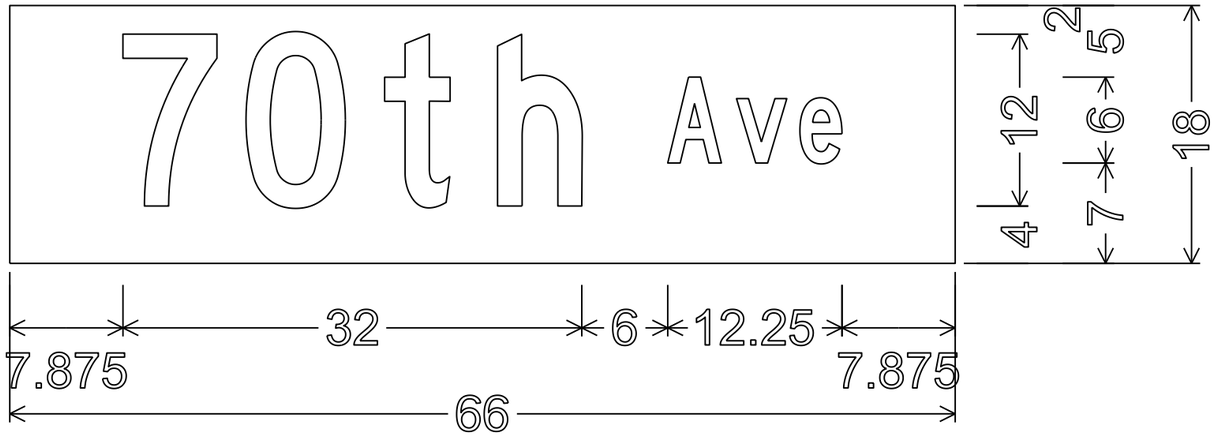


No border, Black on Fluorescent yellow;
"ONLY" E;

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST CROIX	PERMANENT SIGNING	SHEET NO:	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C

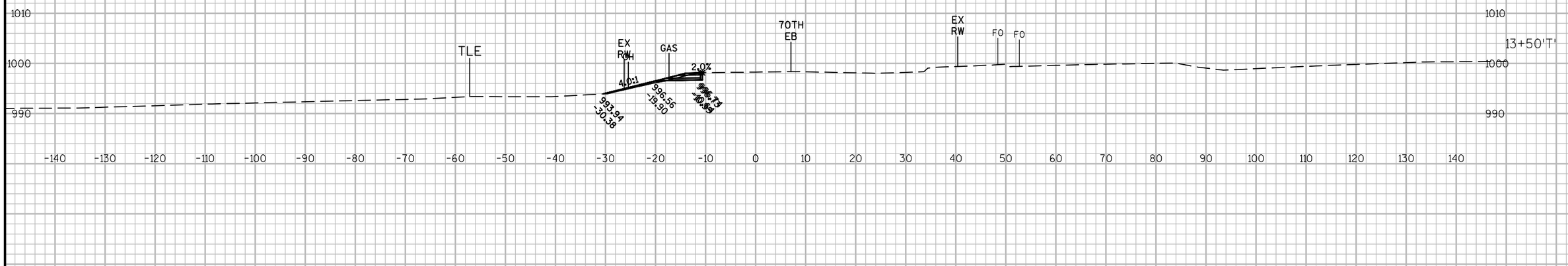


M1-94H; No border

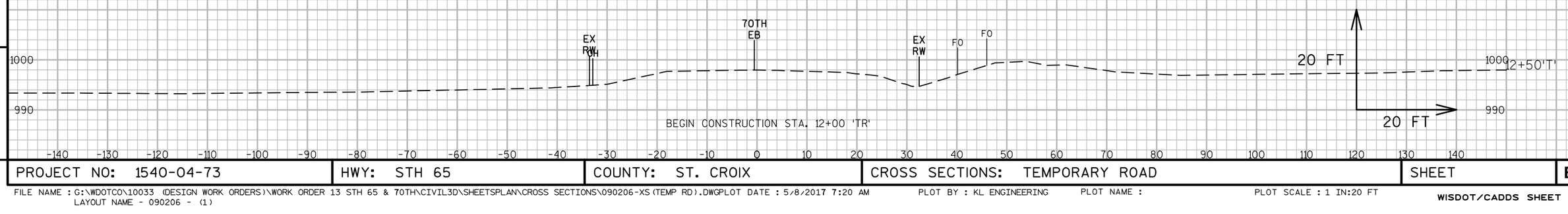
7

7

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST CROIX	PERMANENT SIGNING	SHEET NO:	E







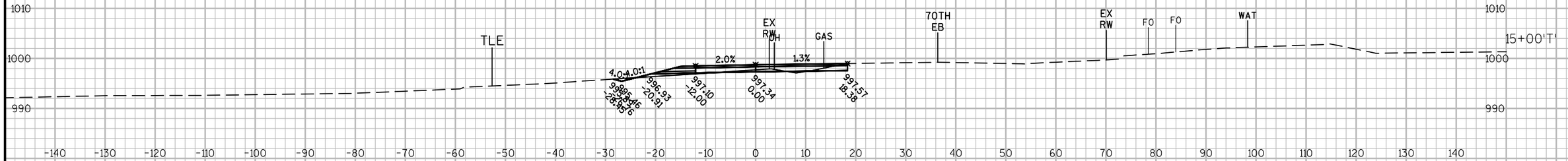
9

9

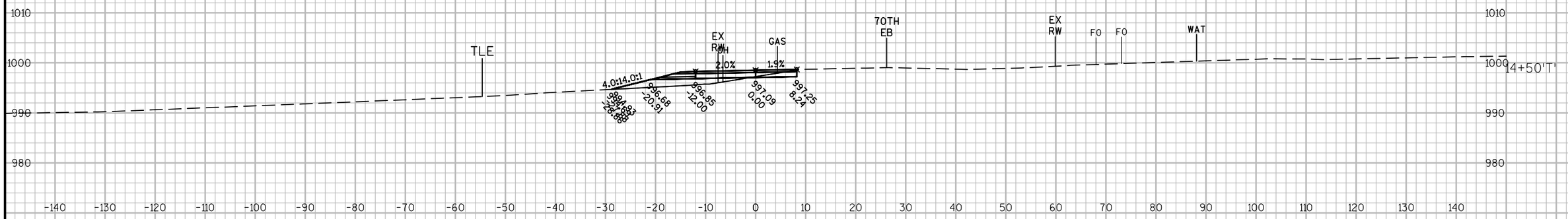
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

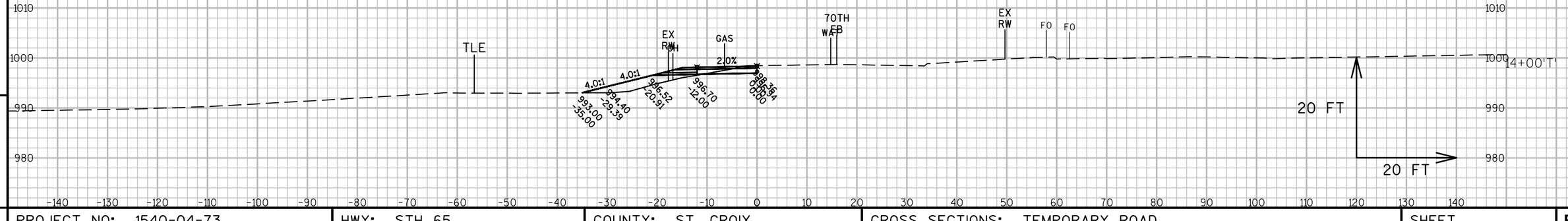
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:20 AM
LAYOUT NAME - 090206 - (1)

PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT



STA. 14+80 'TR'
MAINTAIN EXISTING C.E. RT

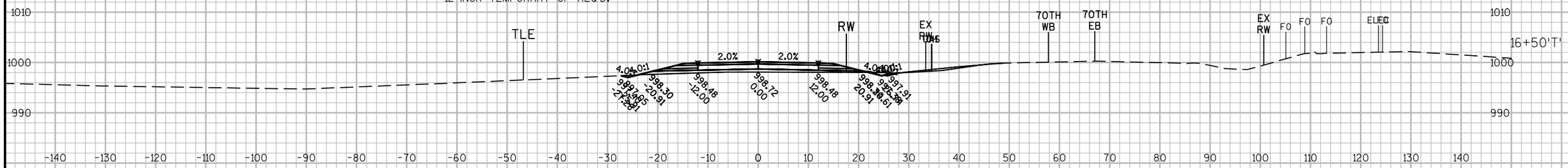




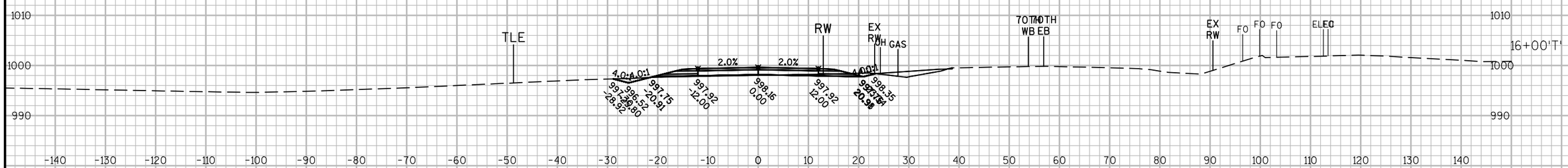
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

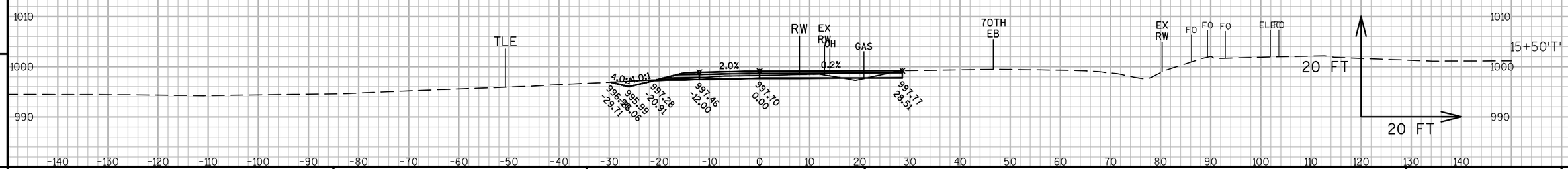
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:20 AM
LAYOUT NAME - 090206 - (2)
PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

STA. 16+60 'TR'
CONSTRUCT TEMPORARY F.E. LT
12-INCH TEMPORARY CP REQ'D.



STA. 16+00 'TR'
12-INCH TEMPORARY CP REQ'D.



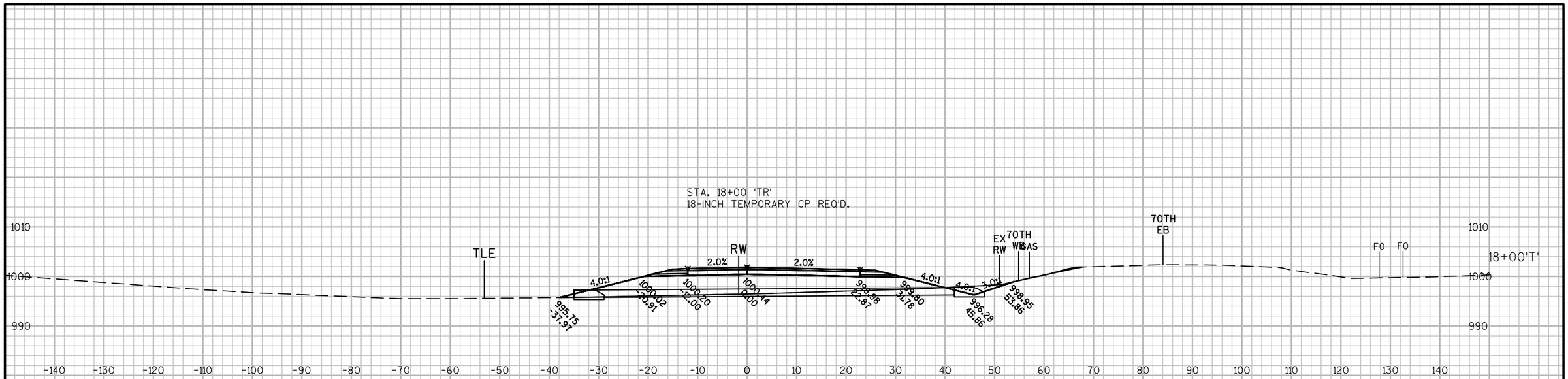


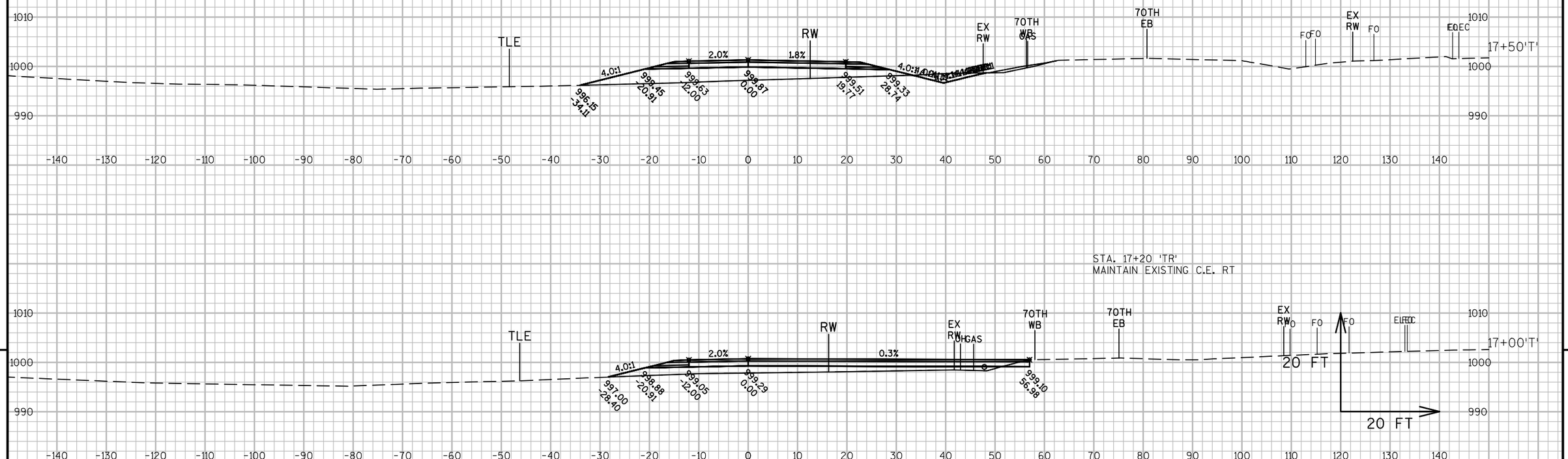
9

9

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:20 AM
LAYOUT NAME - 090206 - (3)
PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT





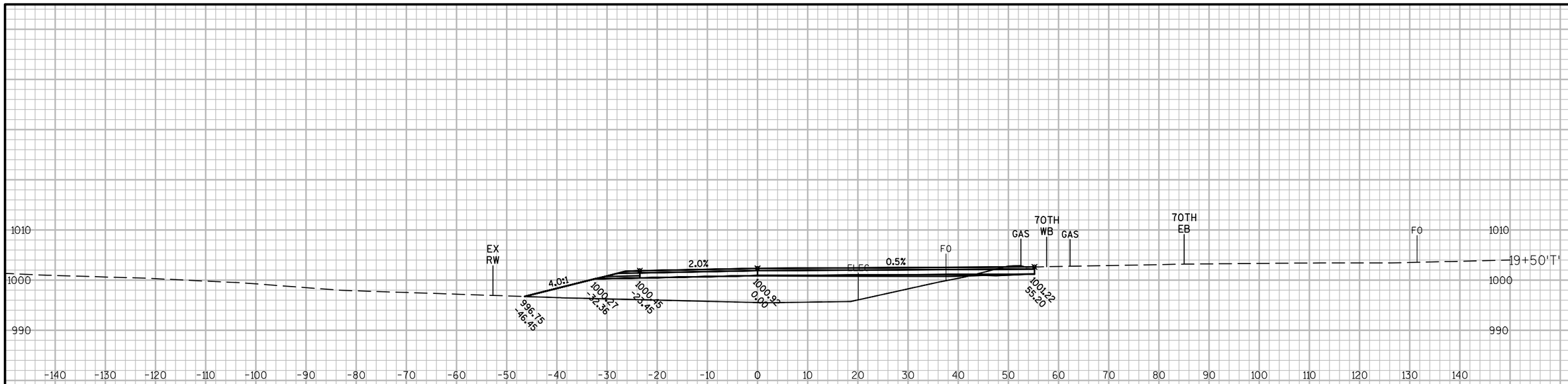
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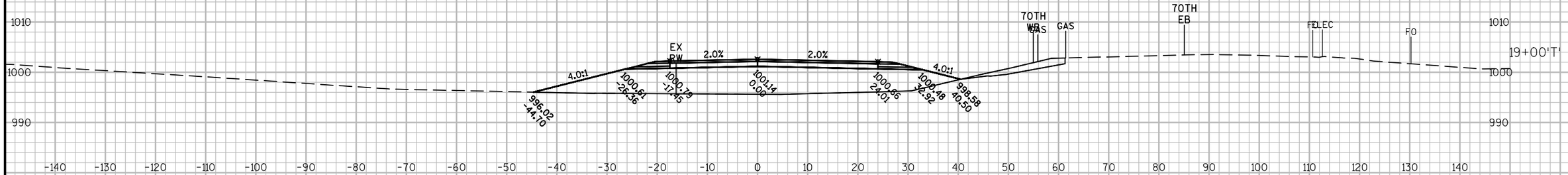
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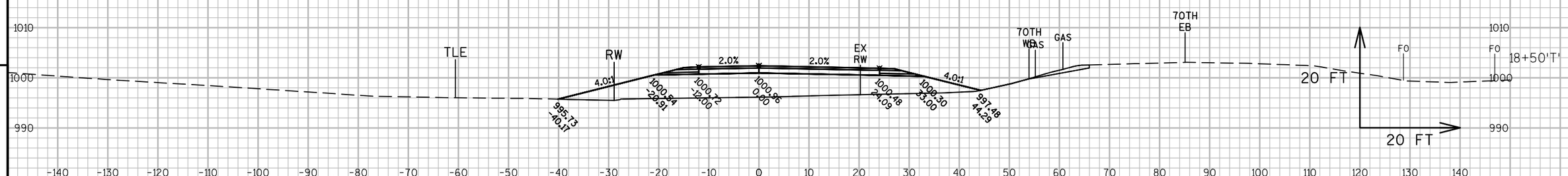
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (4)

PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT







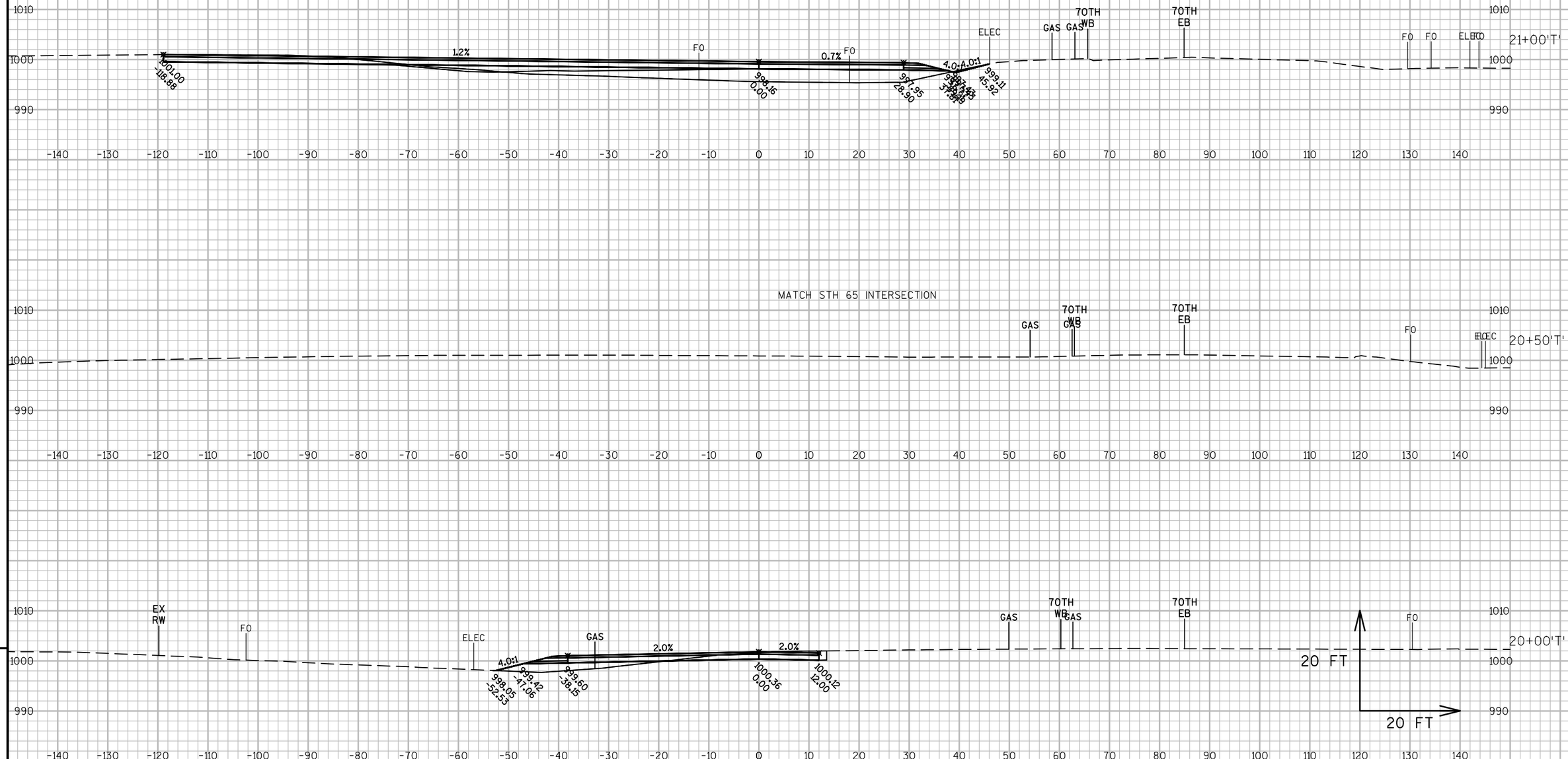
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (5)

PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT



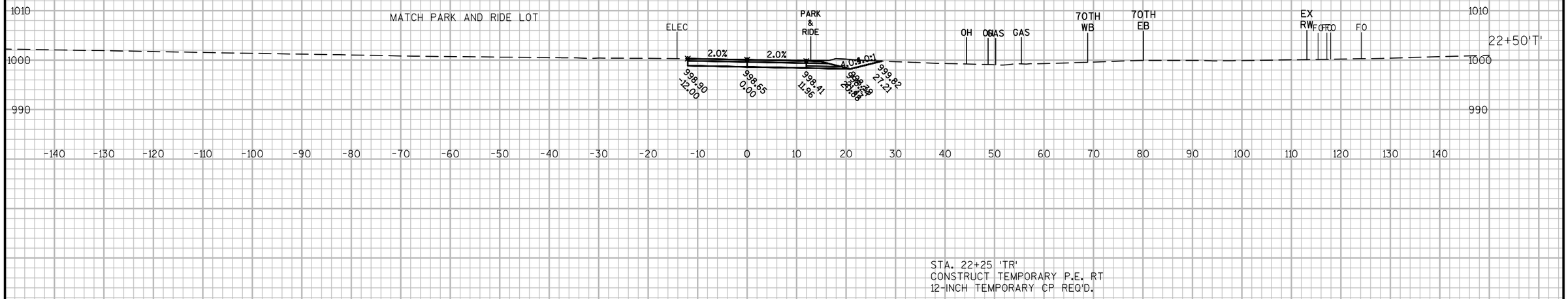
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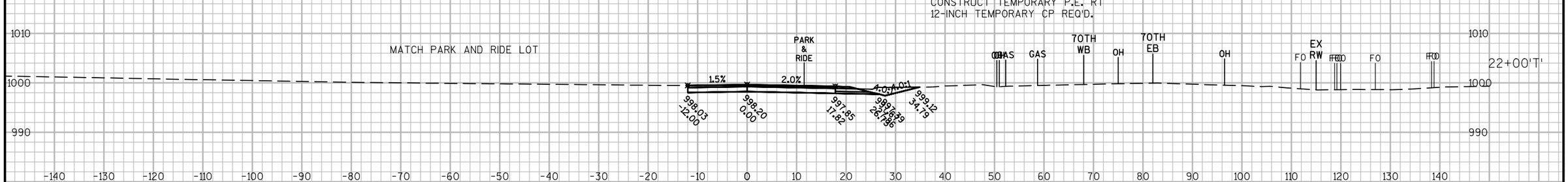
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (6)

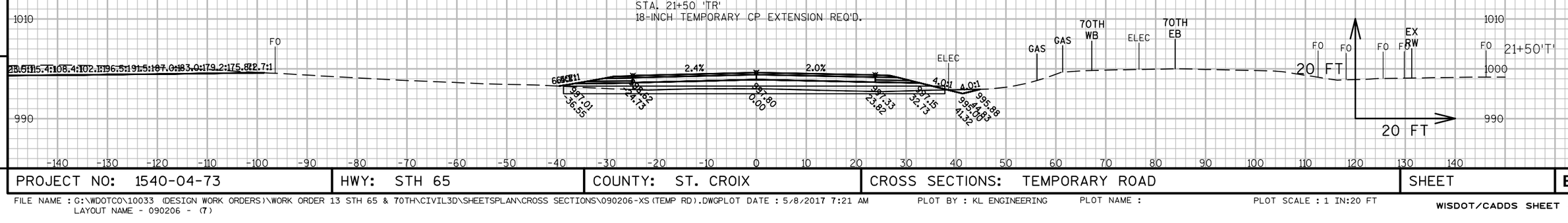
PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT



STA. 22+25 'TR'
CONSTRUCT TEMPORARY P.E. RT
12-INCH TEMPORARY CP REQ'D.



STA. 21+50 'TR'
18-INCH TEMPORARY CP EXTENSION REQ'D.



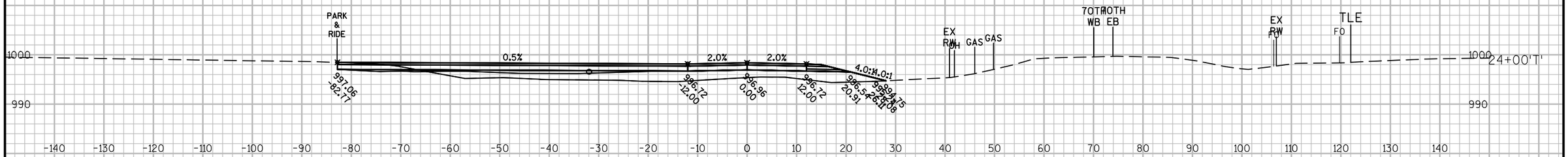
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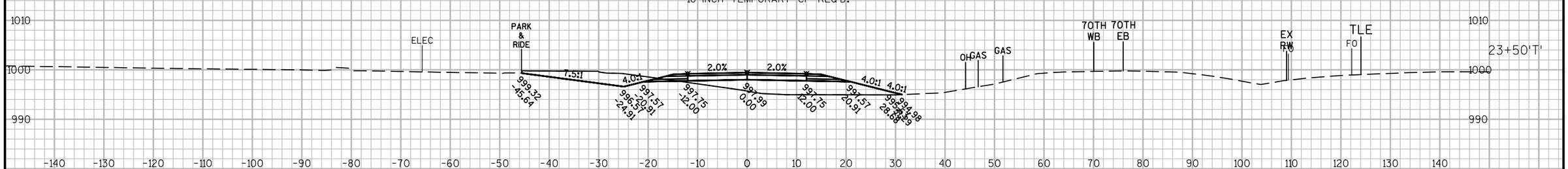
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

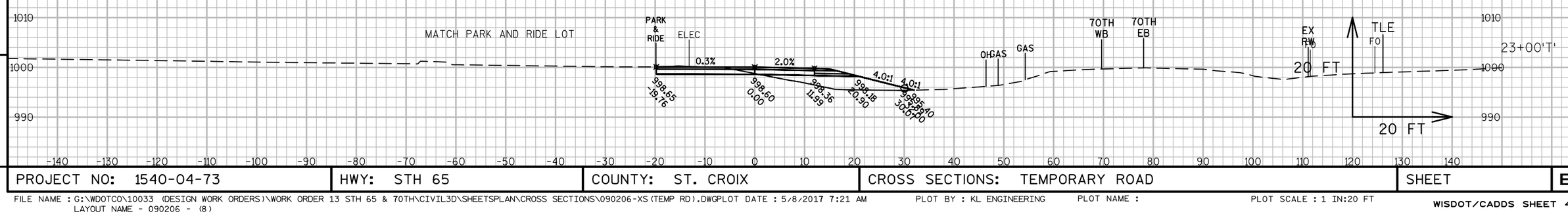
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (7)
PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

STA. 24+00 'TR'
CONSTRUCT TEMPORARY PARK AND RIDE ENTRANCE LT



STA. 23+50 'TR'
18-INCH TEMPORARY CP REQ'D.



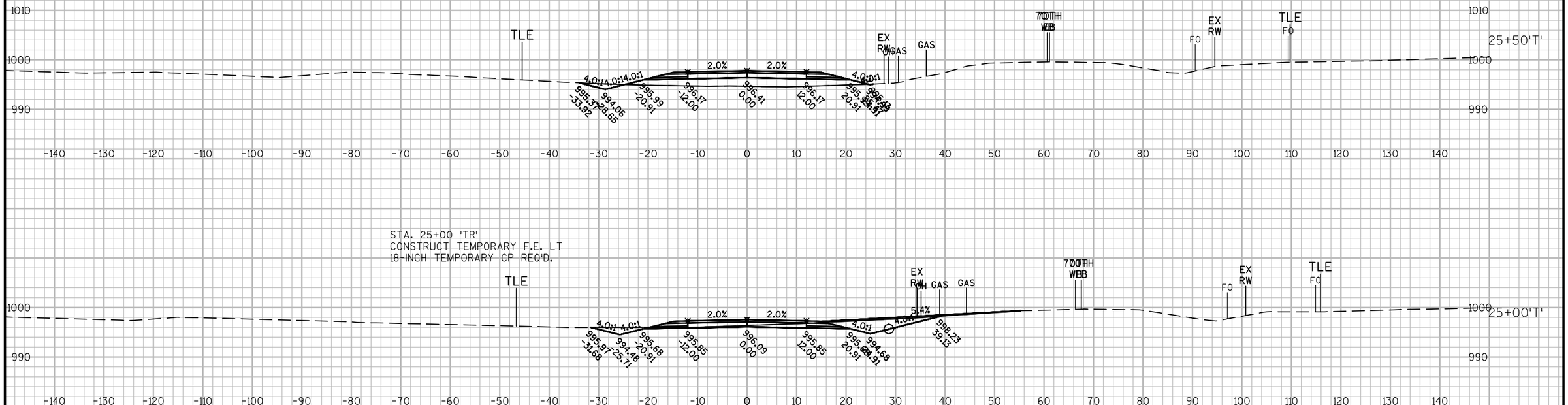


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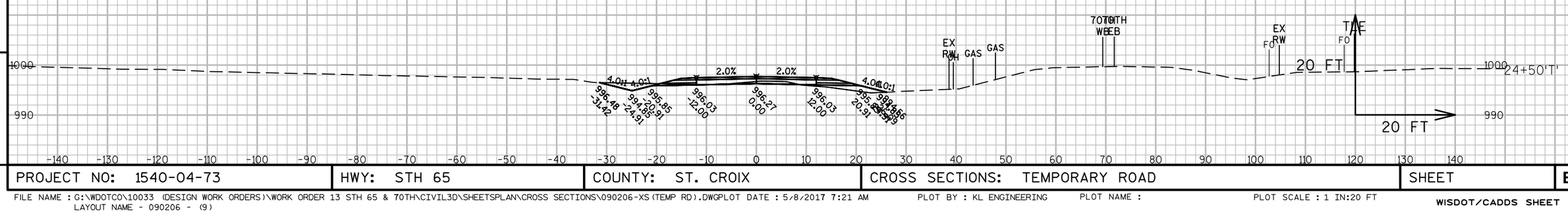
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (8)
PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT



STA. 25+00 'TR'
CONSTRUCT TEMPORARY F.E. LT
18-INCH TEMPORARY CP REQ'D.



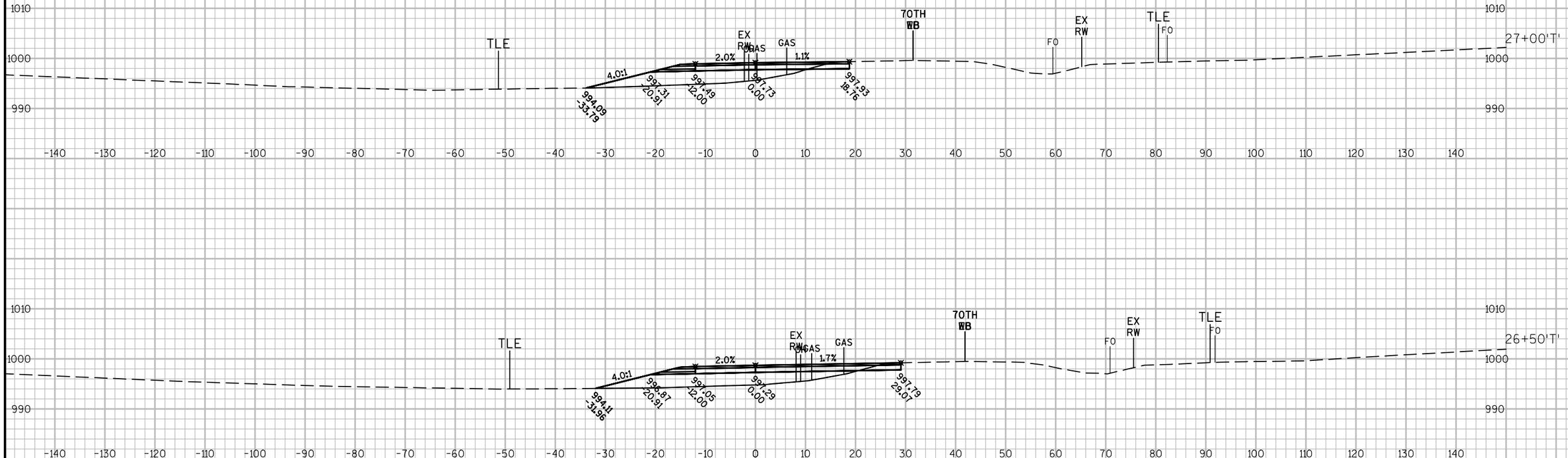
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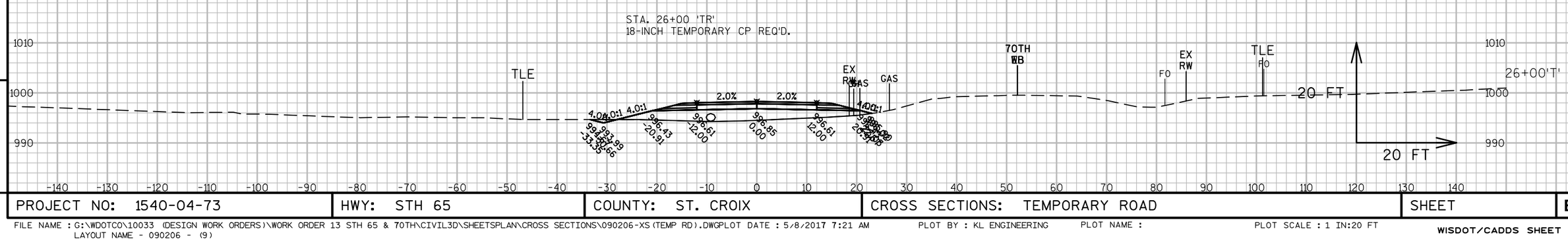
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (9)

PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

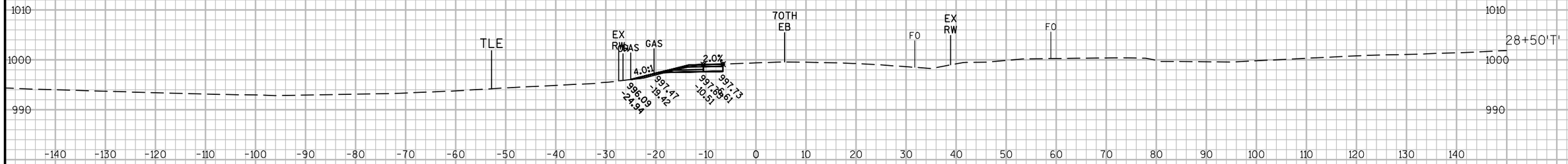


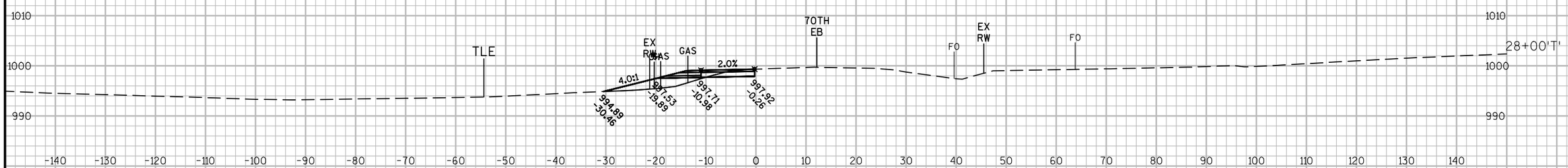


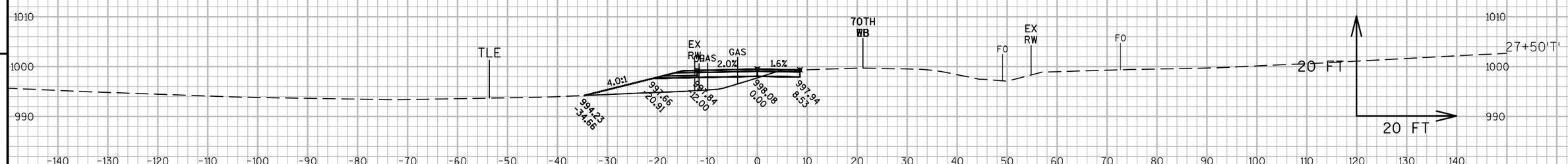
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (9)
PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

END CONSTRUCTION STA. 29+50 'TR'







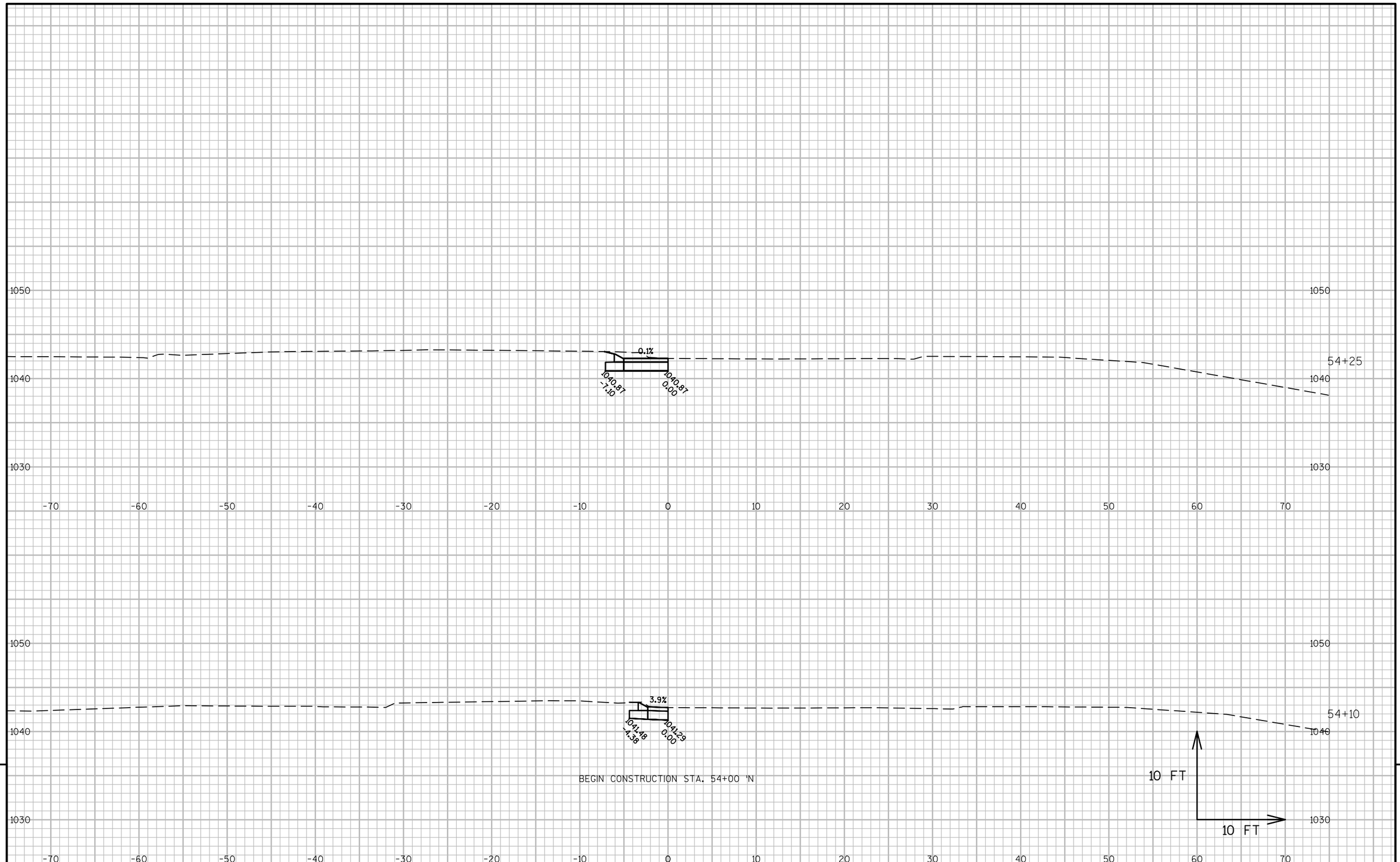
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: TEMPORARY ROAD	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090206-XS(TEMP RD).DWGPLOT DATE : 5/8/2017 7:21 AM
LAYOUT NAME - 090206 - (9)

PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT



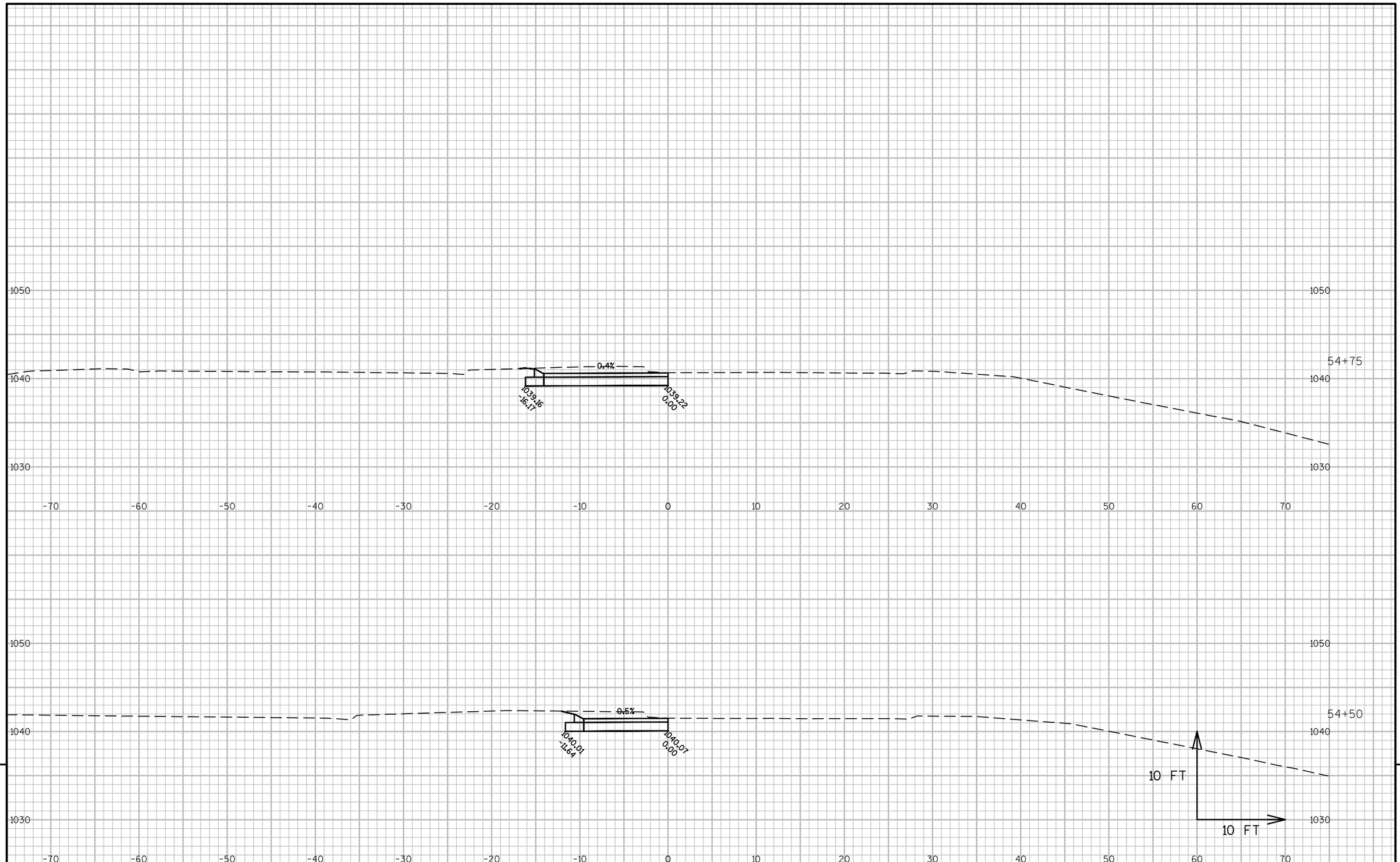
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 1 X-OVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(65 XOVER).DWG PLOT DATE : 5/8/2017 7:59 AM
LAYOUT NAME - S1 XOVER - (1)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



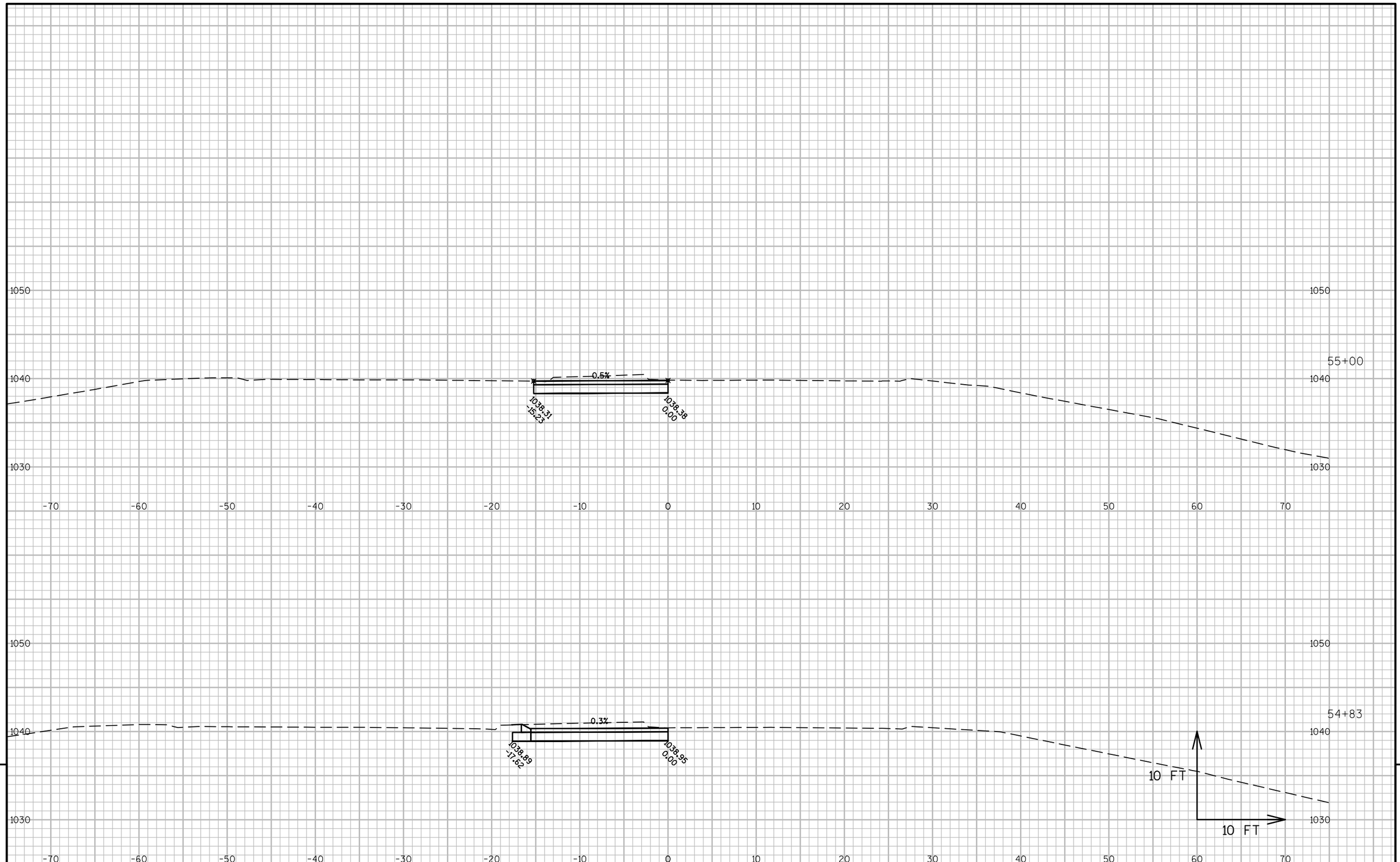
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 1 X-OVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(65 XOVER).DWG PLOT DATE : 5/8/2017 7:59 AM
LAYOUT NAME - S1 XOVER - (2)

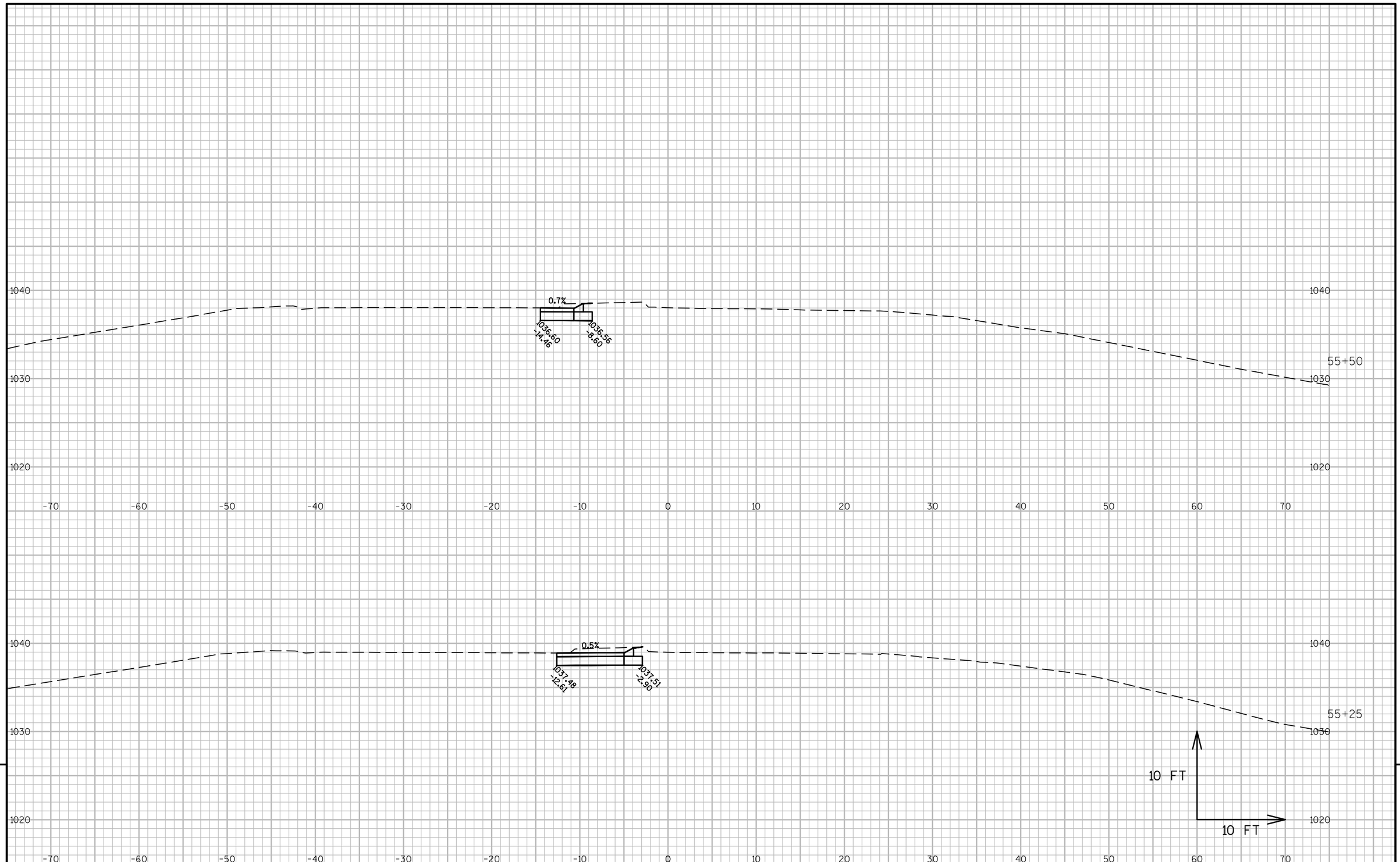
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 1 X-OVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(65 XOVER).DWG PLOT DATE : 5/8/2017 7:59 AM
LAYOUT NAME - S1 XOVER - (3)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



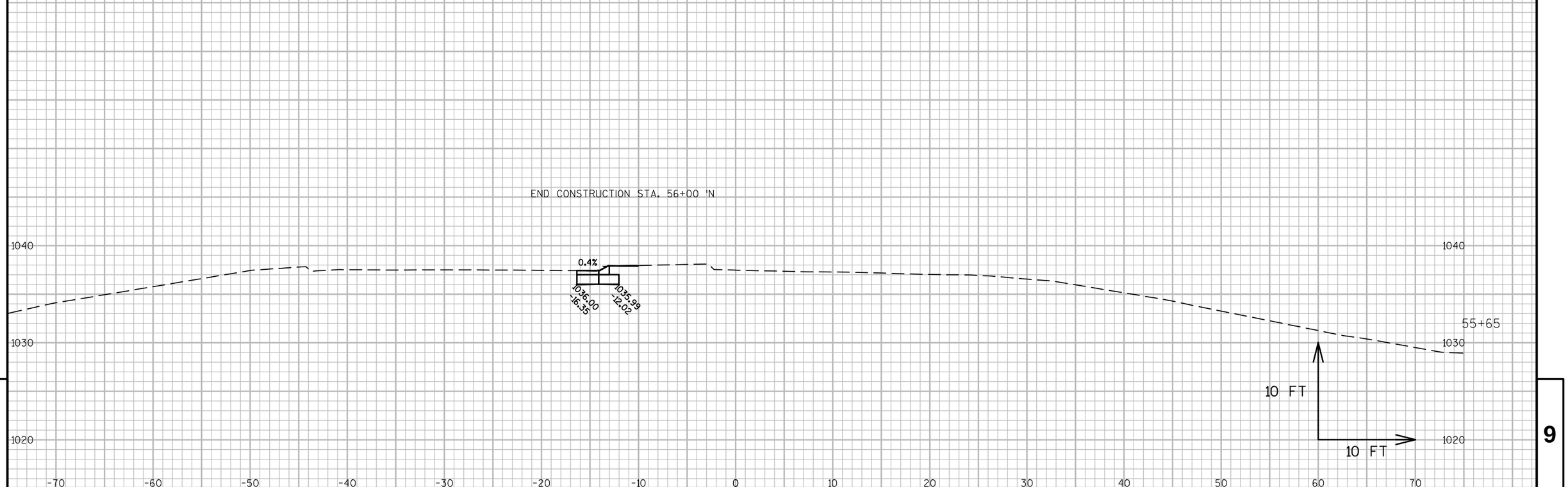
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 1 X-OVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(65 XOVER).DWG LAYOUT NAME - S1 XOVER - (4)
PLOT DATE : 5/8/2017 7:59 AM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

END CONSTRUCTION STA. 56+00 'N

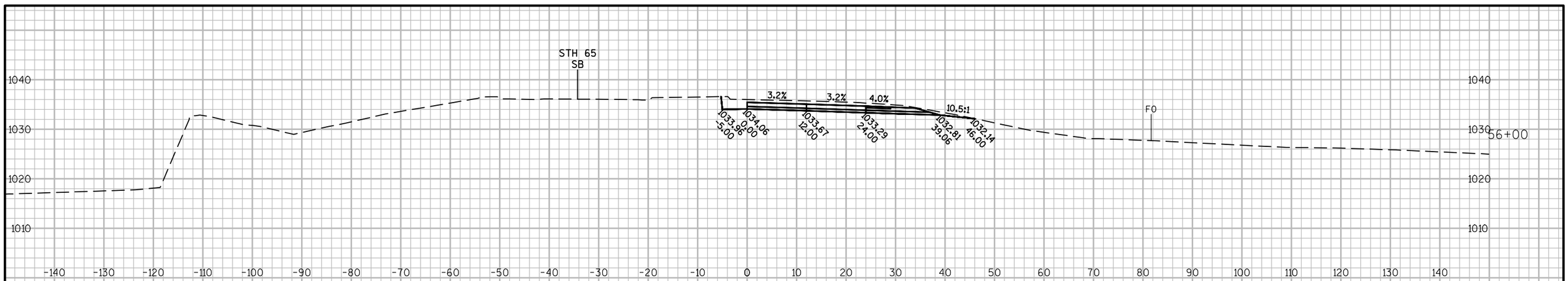


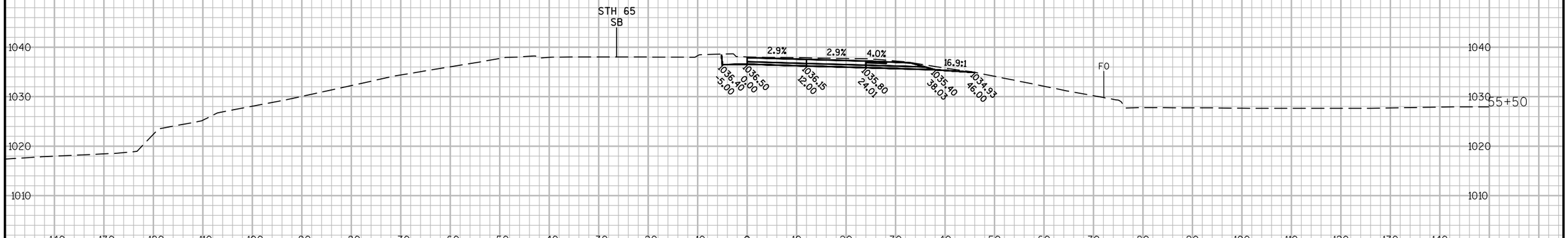
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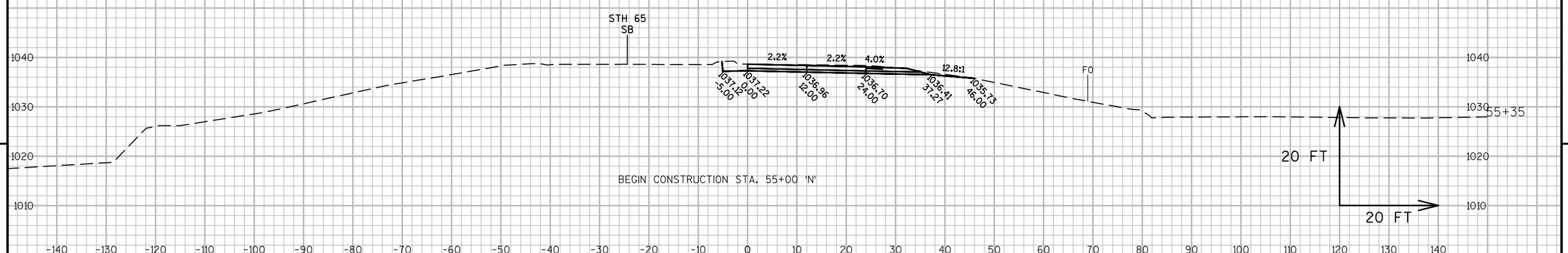
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 1 X-OVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(65 XOVER).DWG PLOT DATE : 5/8/2017 7:59 AM
LAYOUT NAME - S1 XOVER - (5)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT





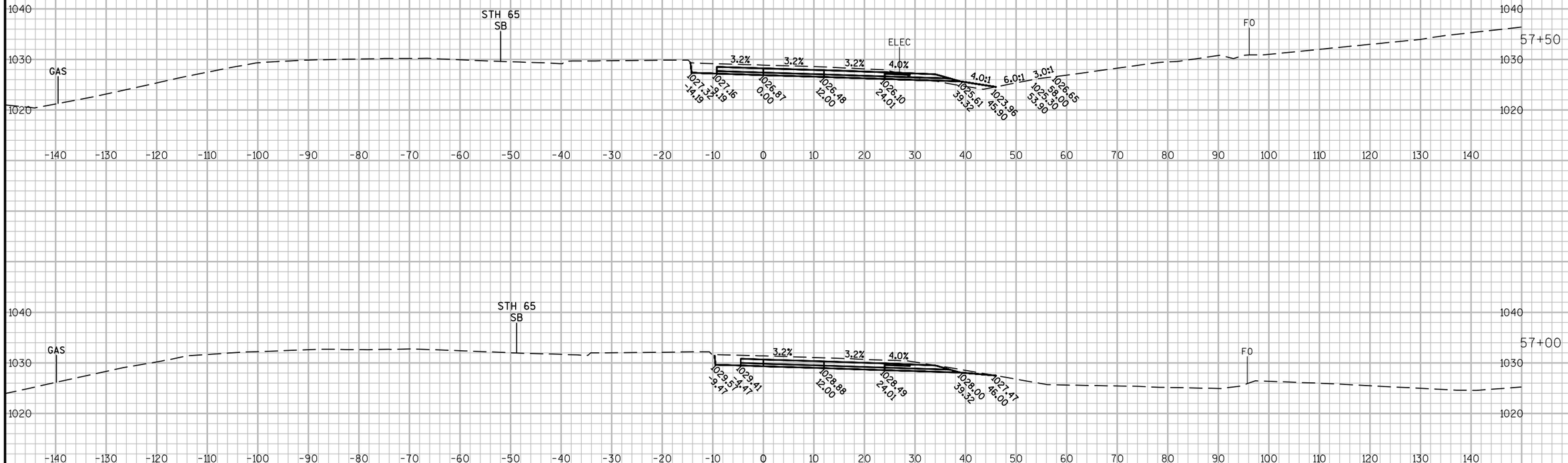


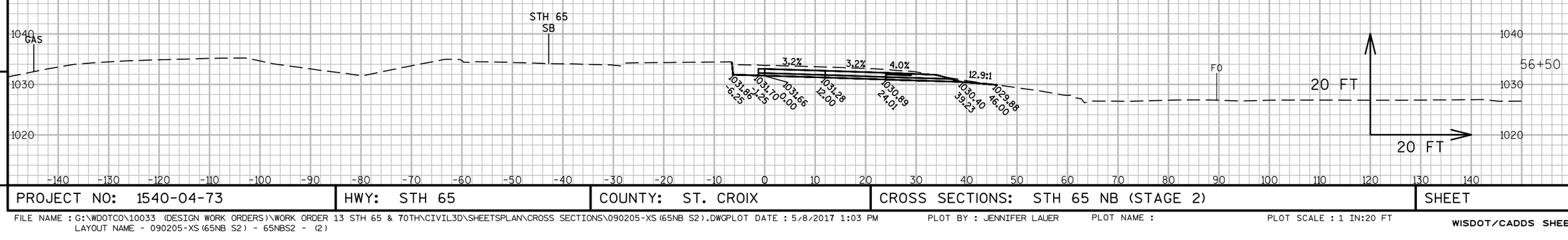
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:02 PM
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PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



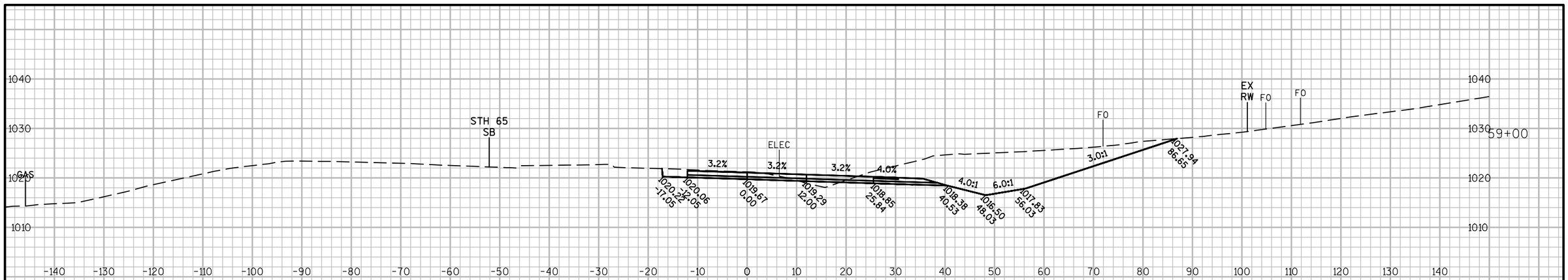


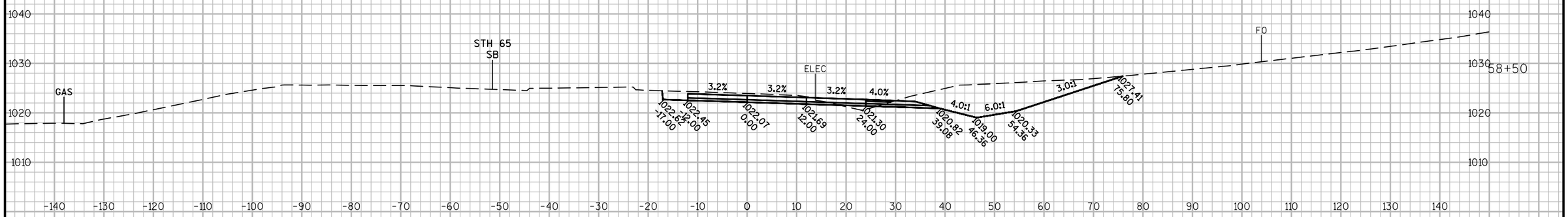
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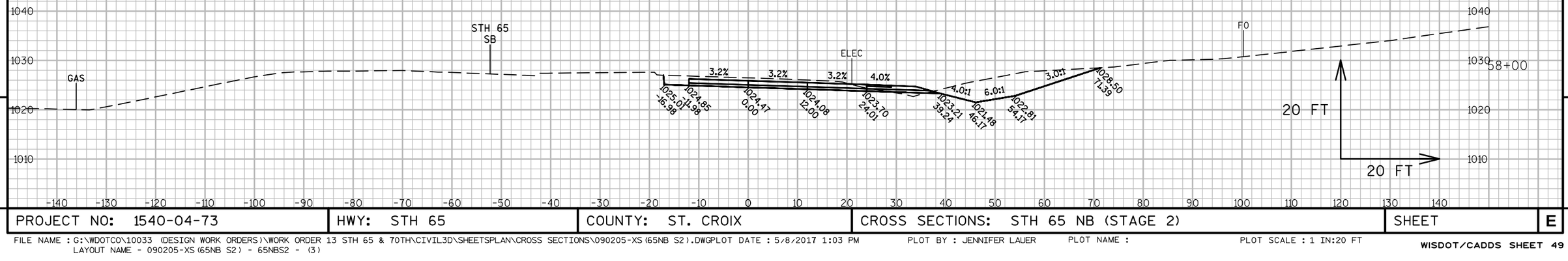
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:03 PM
LAYOUT NAME - 090205-XS(65NB S2) - 65NBS2 - (2)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT







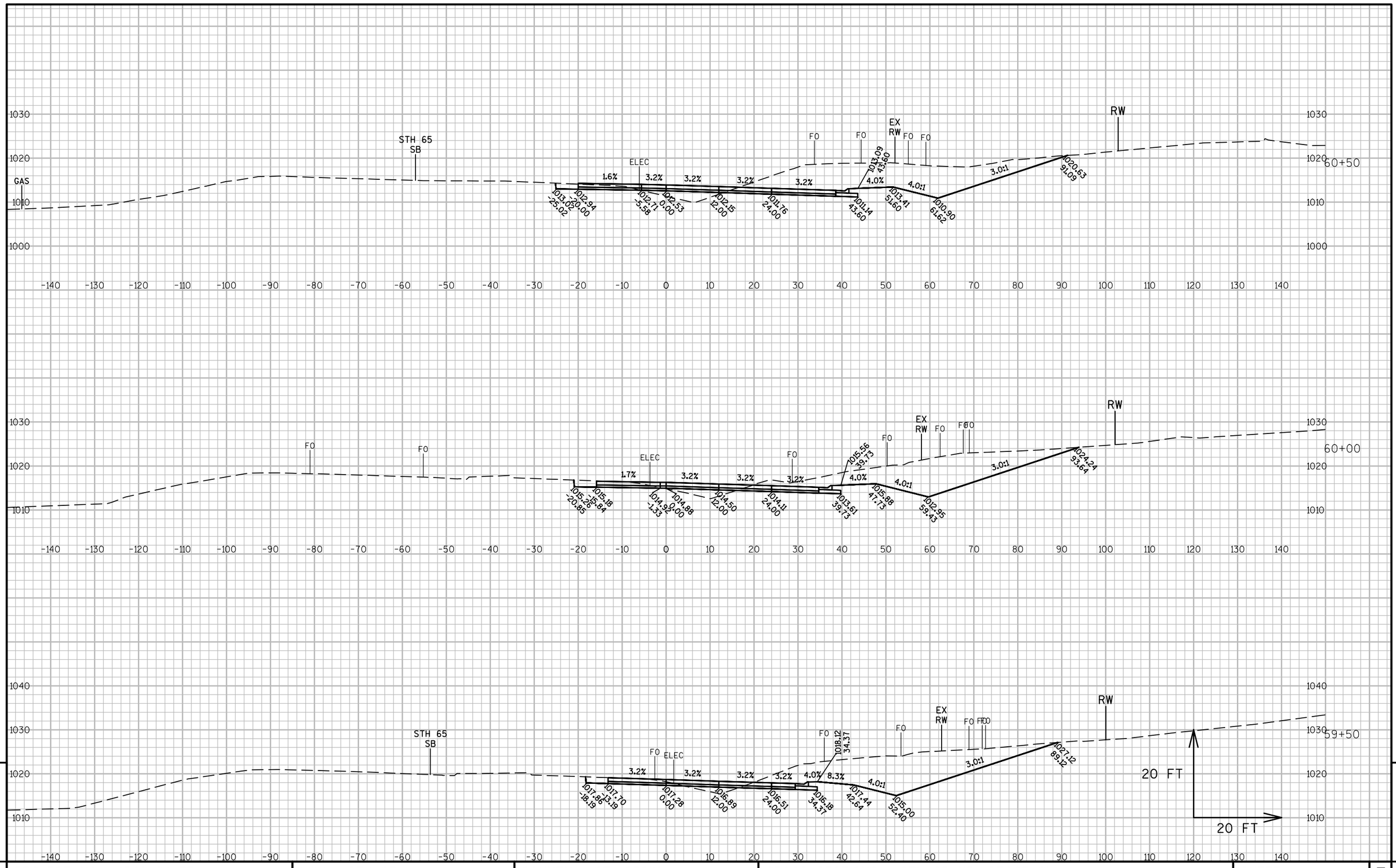
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:03 PM
LAYOUT NAME - 090205-XS(65NB S2) - 65NBS2 - (3)

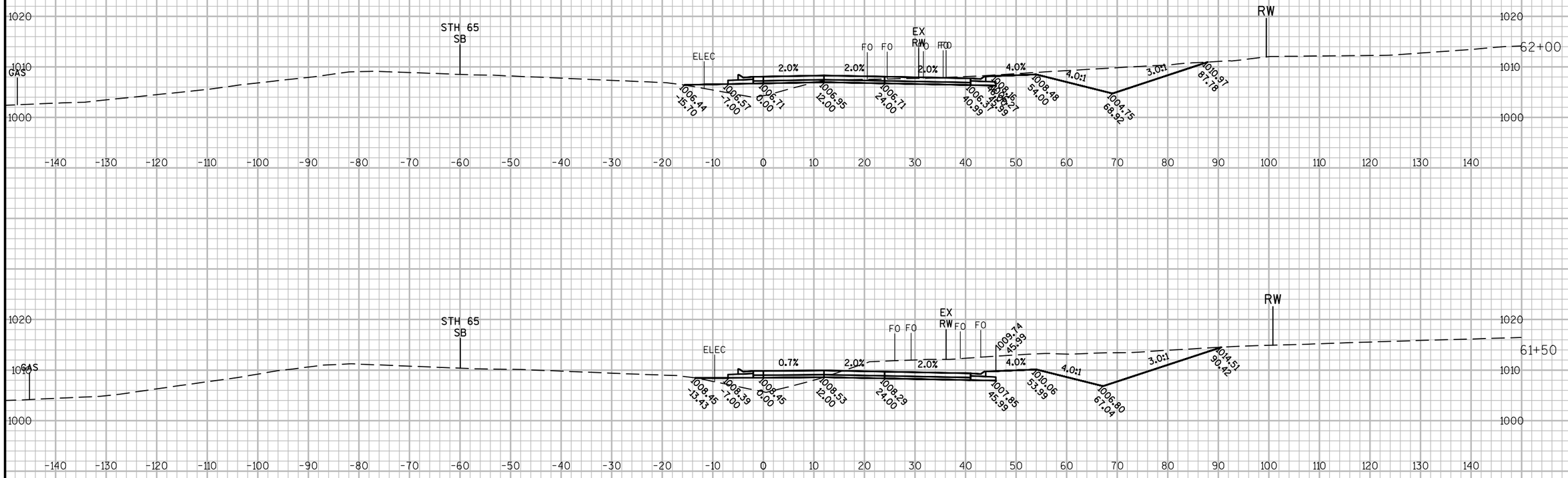
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

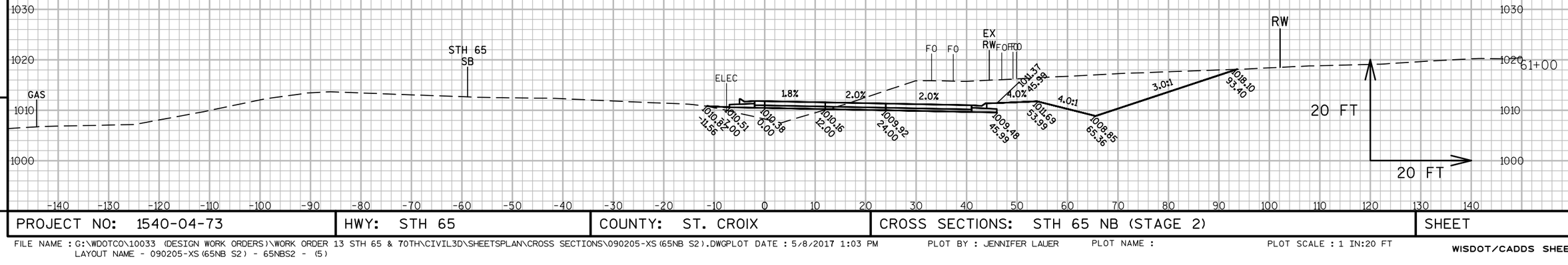


PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:03 PM
LAYOUT NAME - 090205-XS(65NB S2) - 65NBS2 - (4)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT





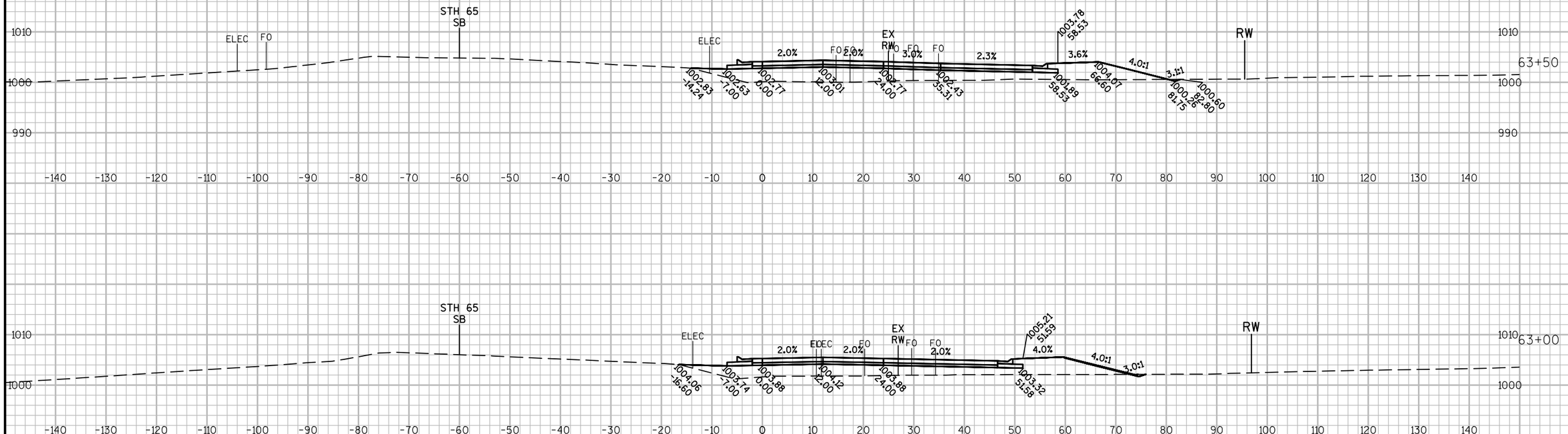
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET	E

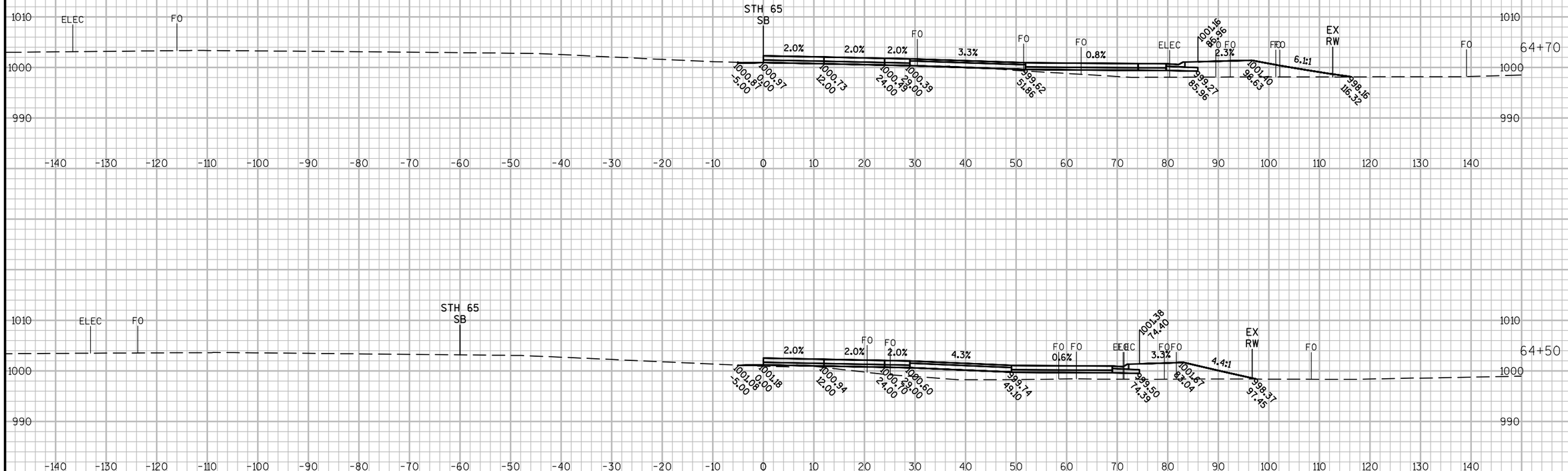
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:03 PM
LAYOUT NAME - 090205-XS(65NB S2) - 65NBS2 - (5)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:03 PM
LAYOUT NAME - 090205-XS(65NB S2) - 65NBS2 - (6)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



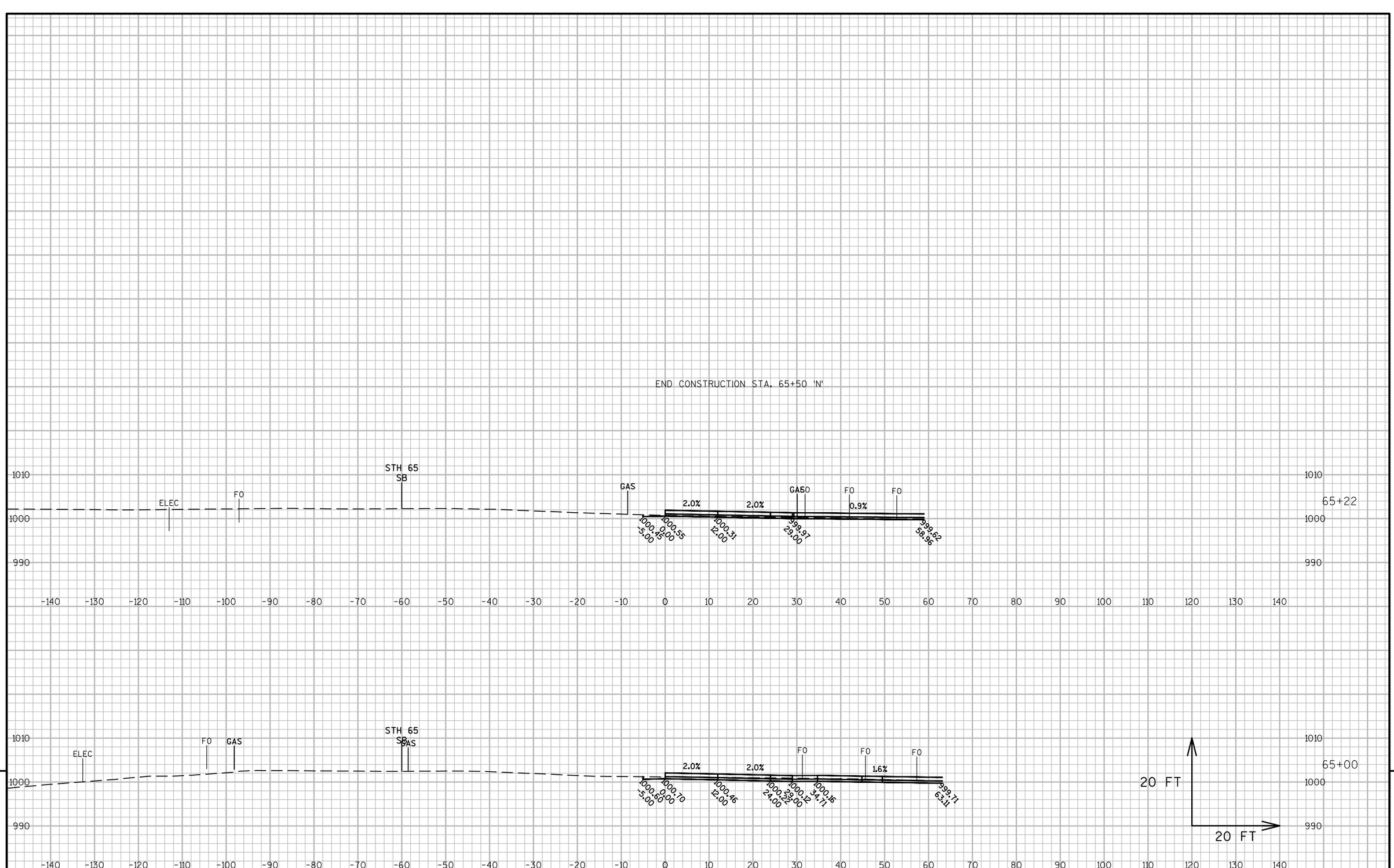
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:03 PM
LAYOUT NAME - 090205-XS(65NB S2) - 65NBS2 - (7)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION STA. 65+50 'N'

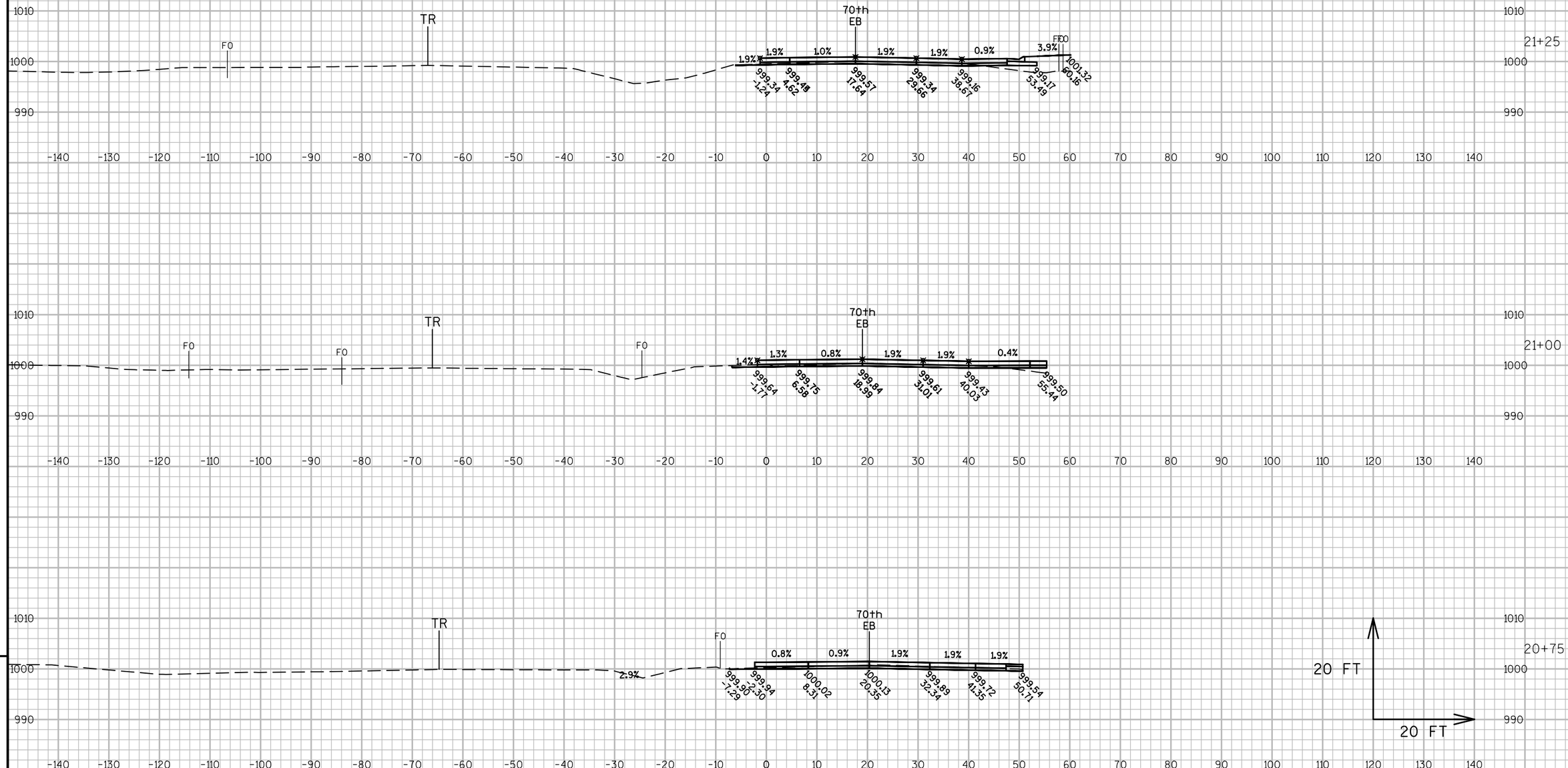


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2).DWGPLOT DATE : 5/8/2017 1:03 PM
LAYOUT NAME - 090205-XS(65NB S2) - 65NBS2 - (8)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



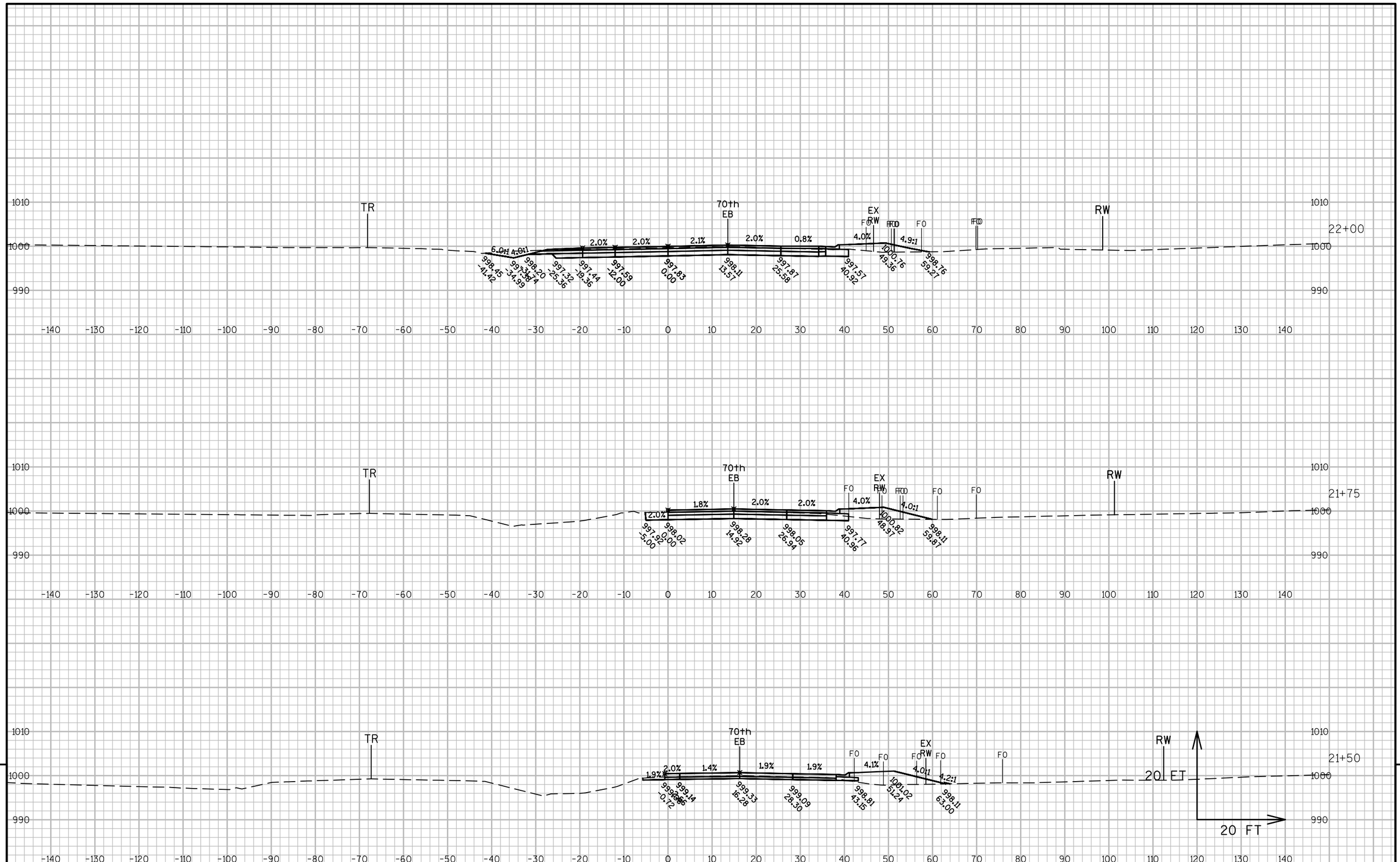
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (1)

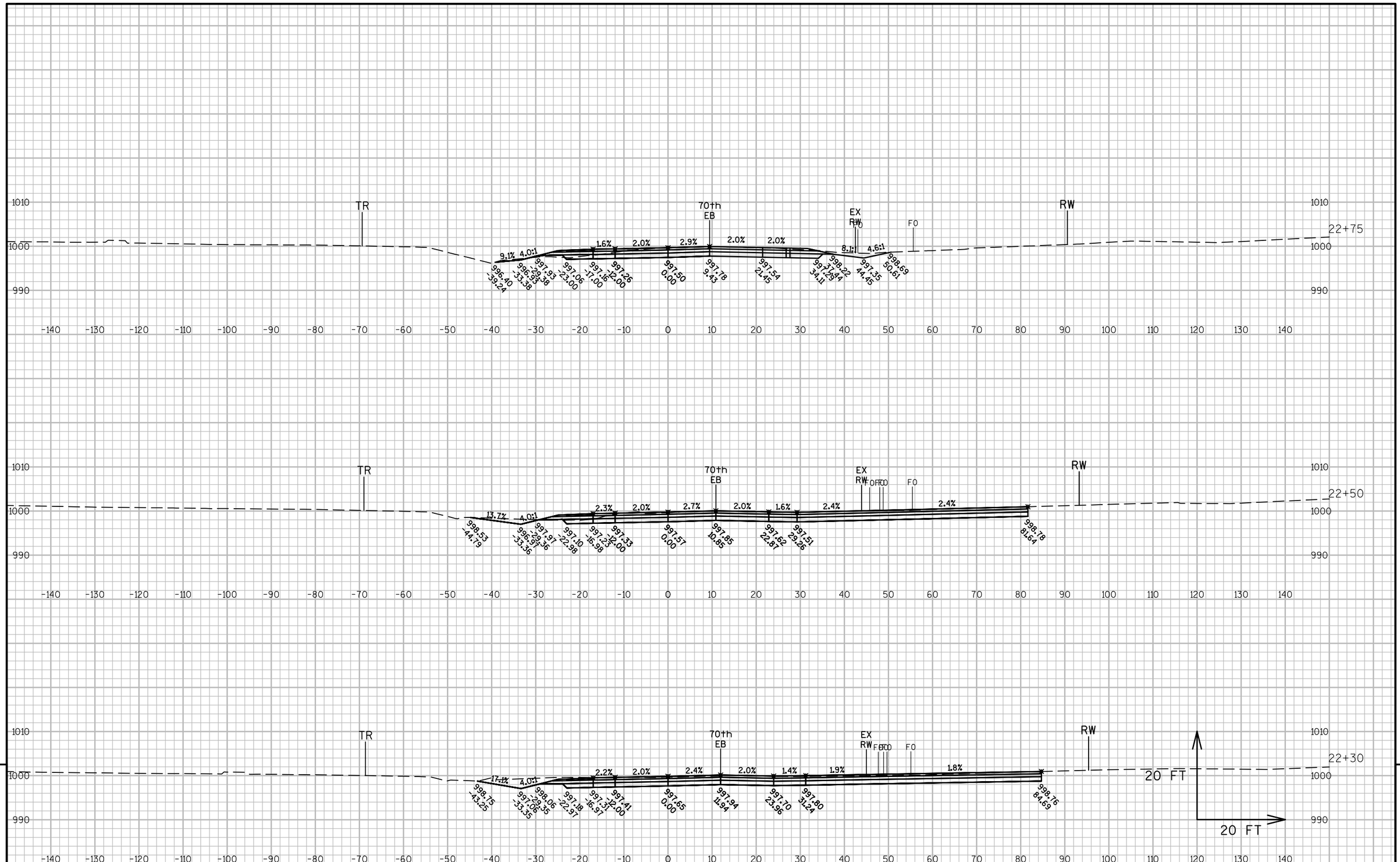
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (2)

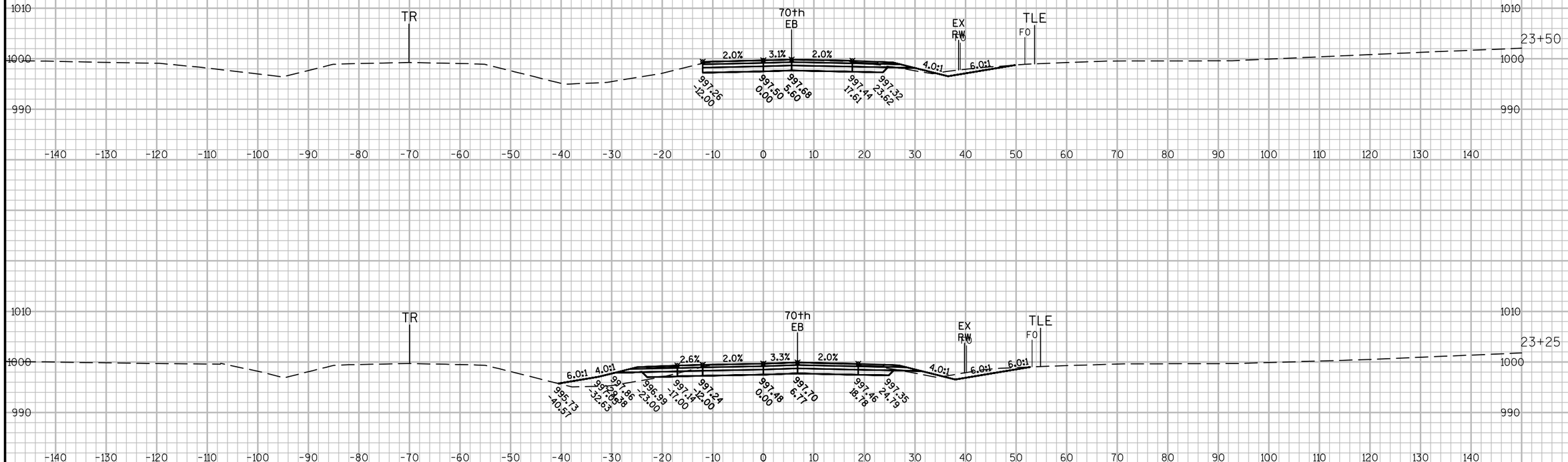
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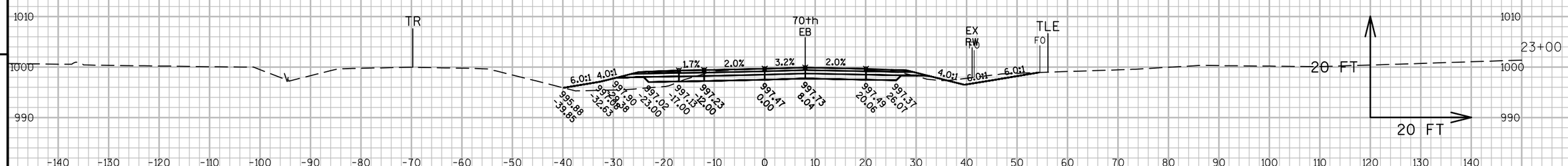


PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (3)

PLOT DATE : 5/8/2017 1:08 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT





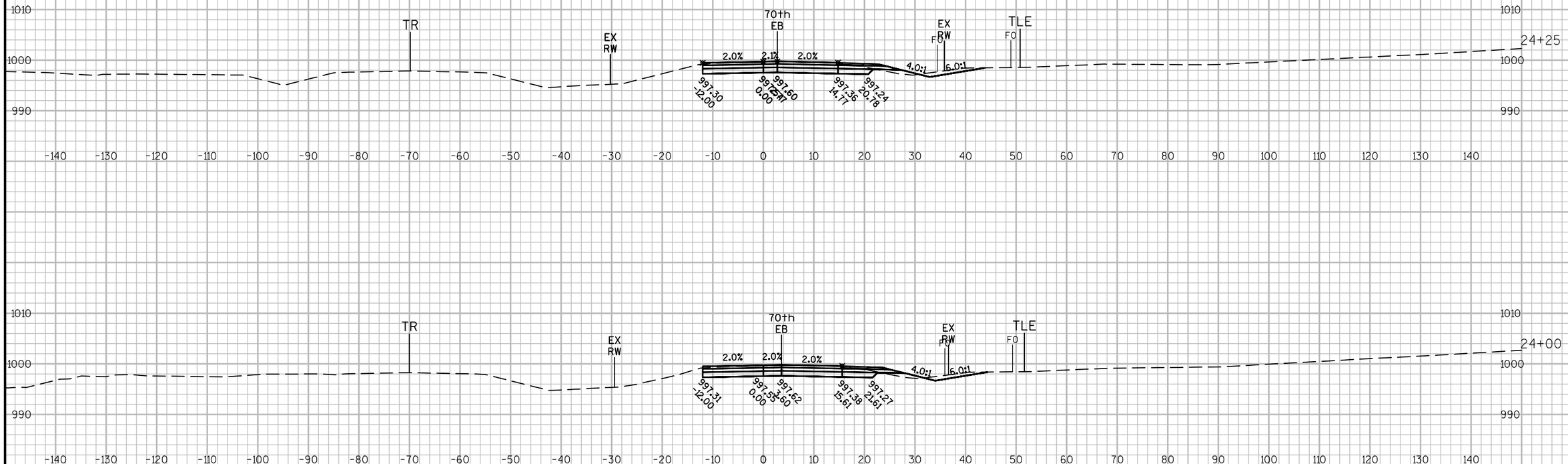
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (4)

PLOT DATE : 5/8/2017 1:08 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT





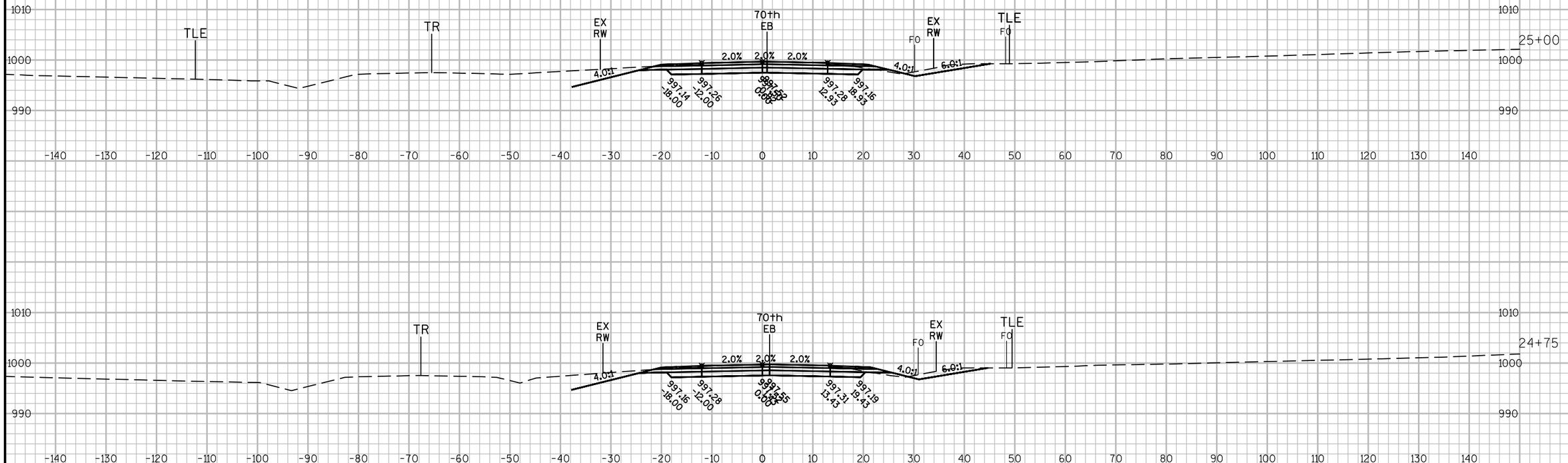
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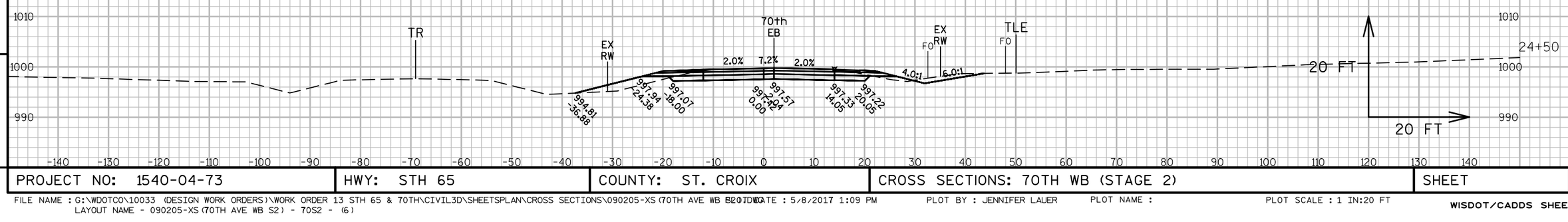
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (5)

PLOT DATE : 5/8/2017 1:09 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT





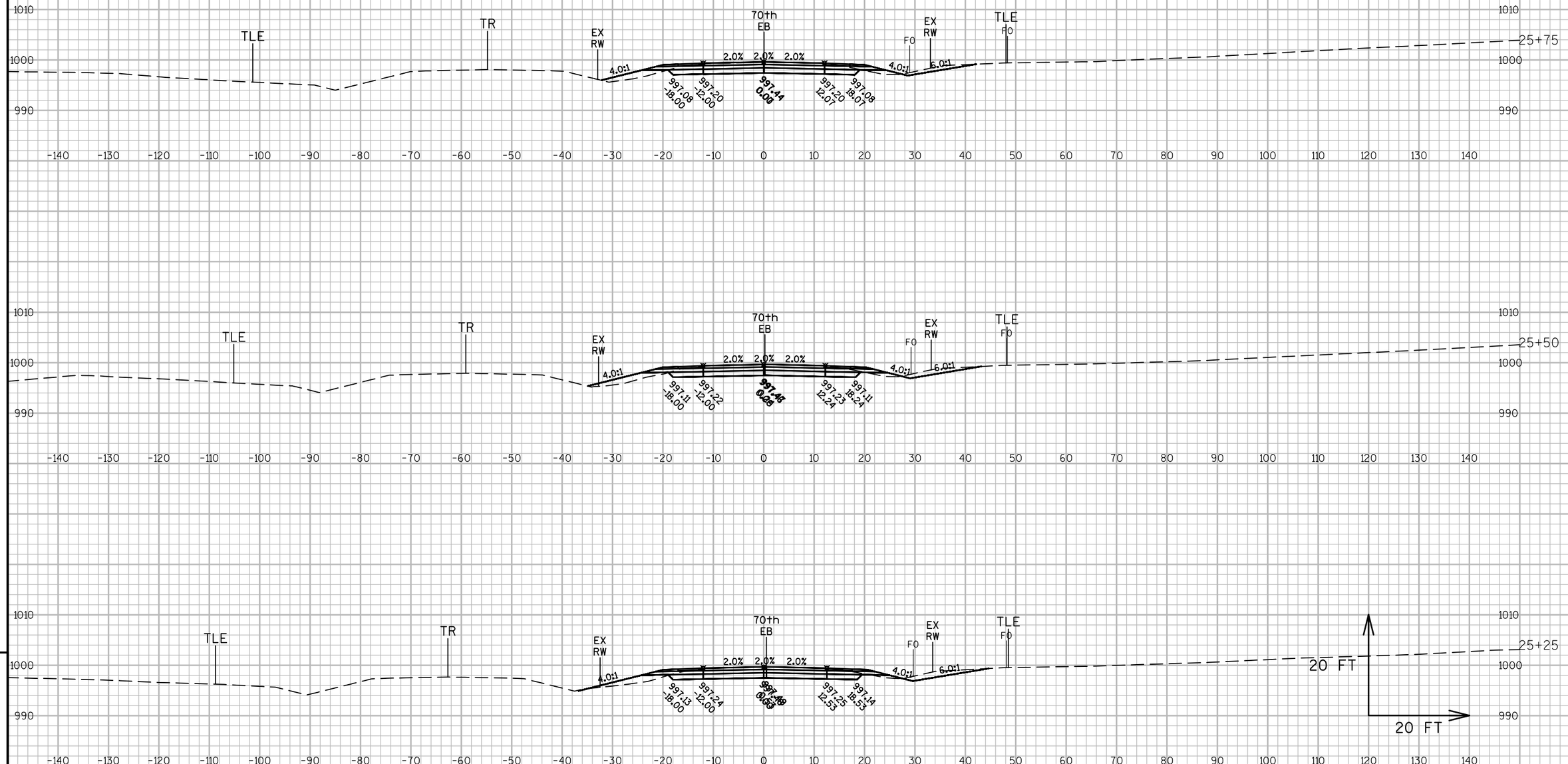
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (6)

PLOT DATE : 5/8/2017 1:09 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

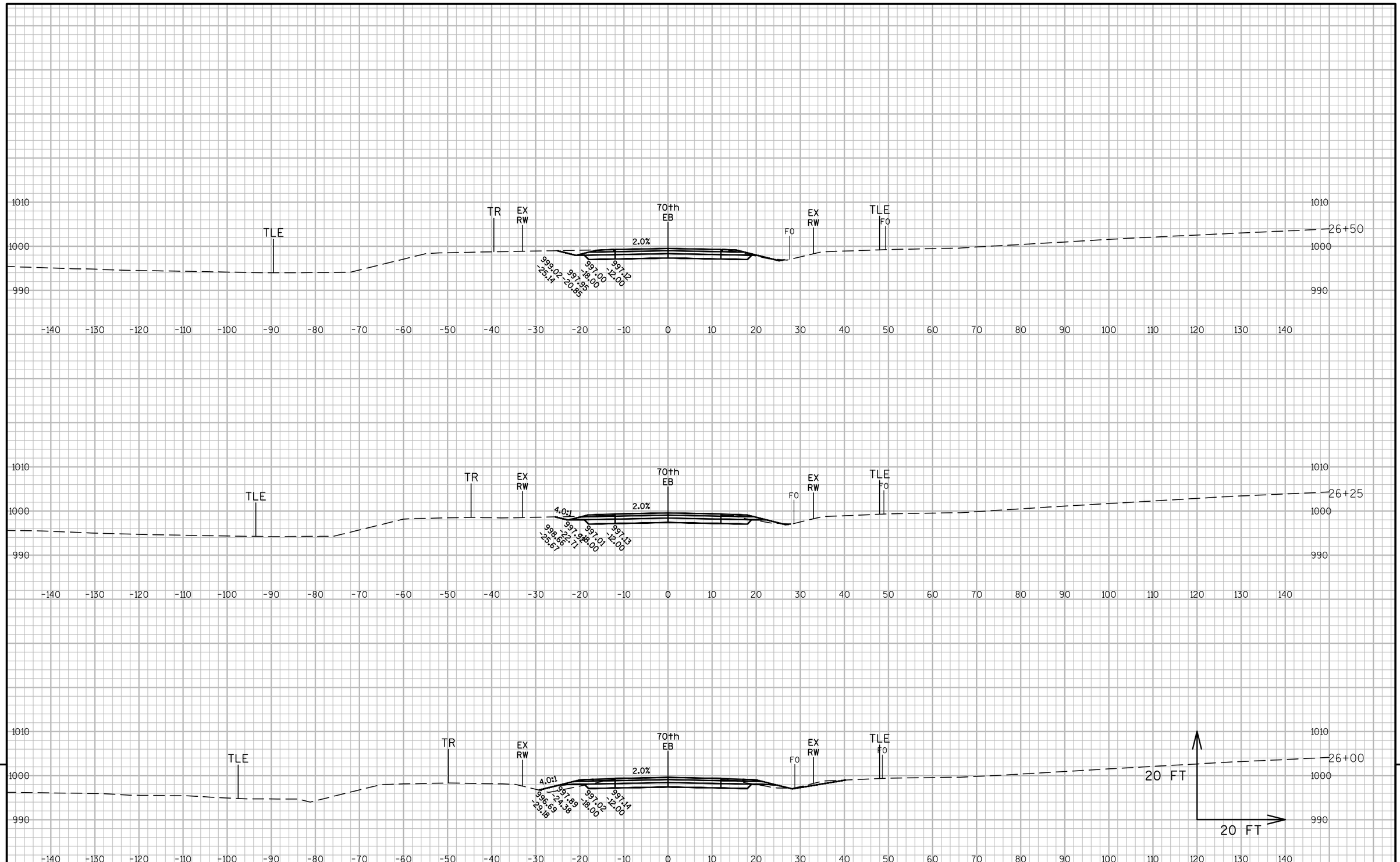


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (7)
PLOT DATE : 5/8/2017 1:09 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



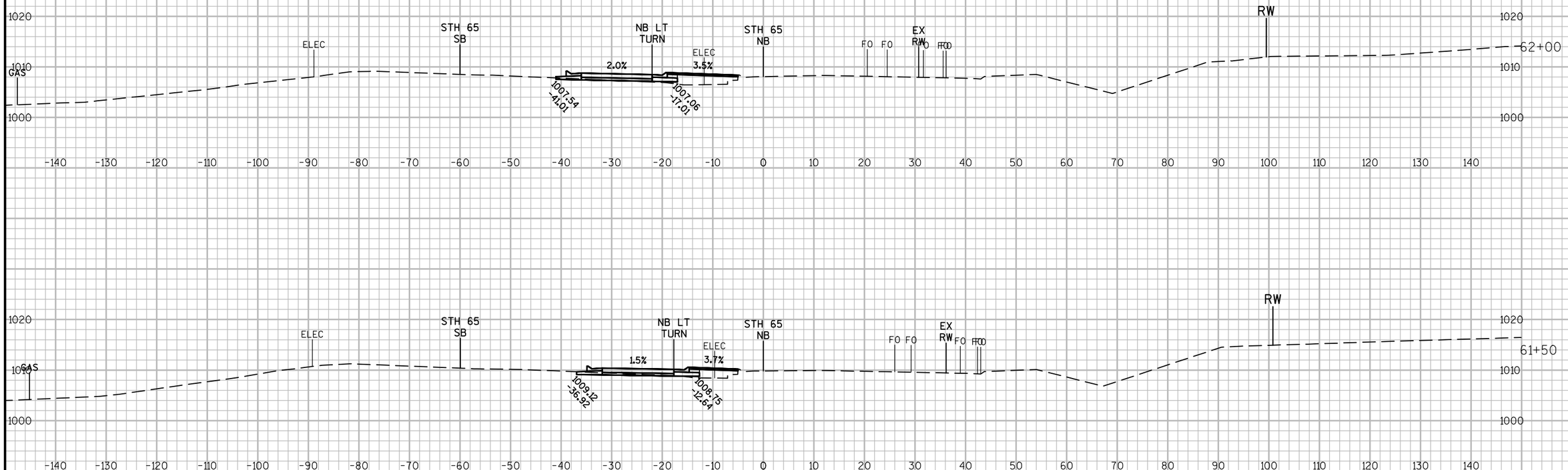
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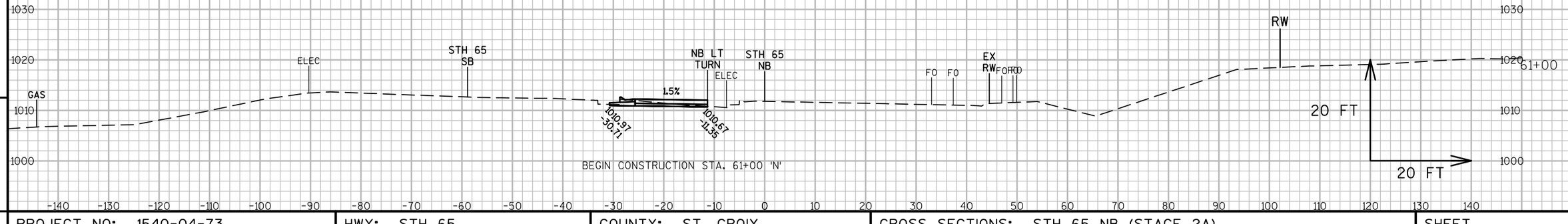
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH WB (STAGE 2)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH AVE WB S2).DWG
LAYOUT NAME - 090205-XS(70TH AVE WB S2) - 70S2 - (8)

PLOT DATE : 5/8/2017 1:09 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT





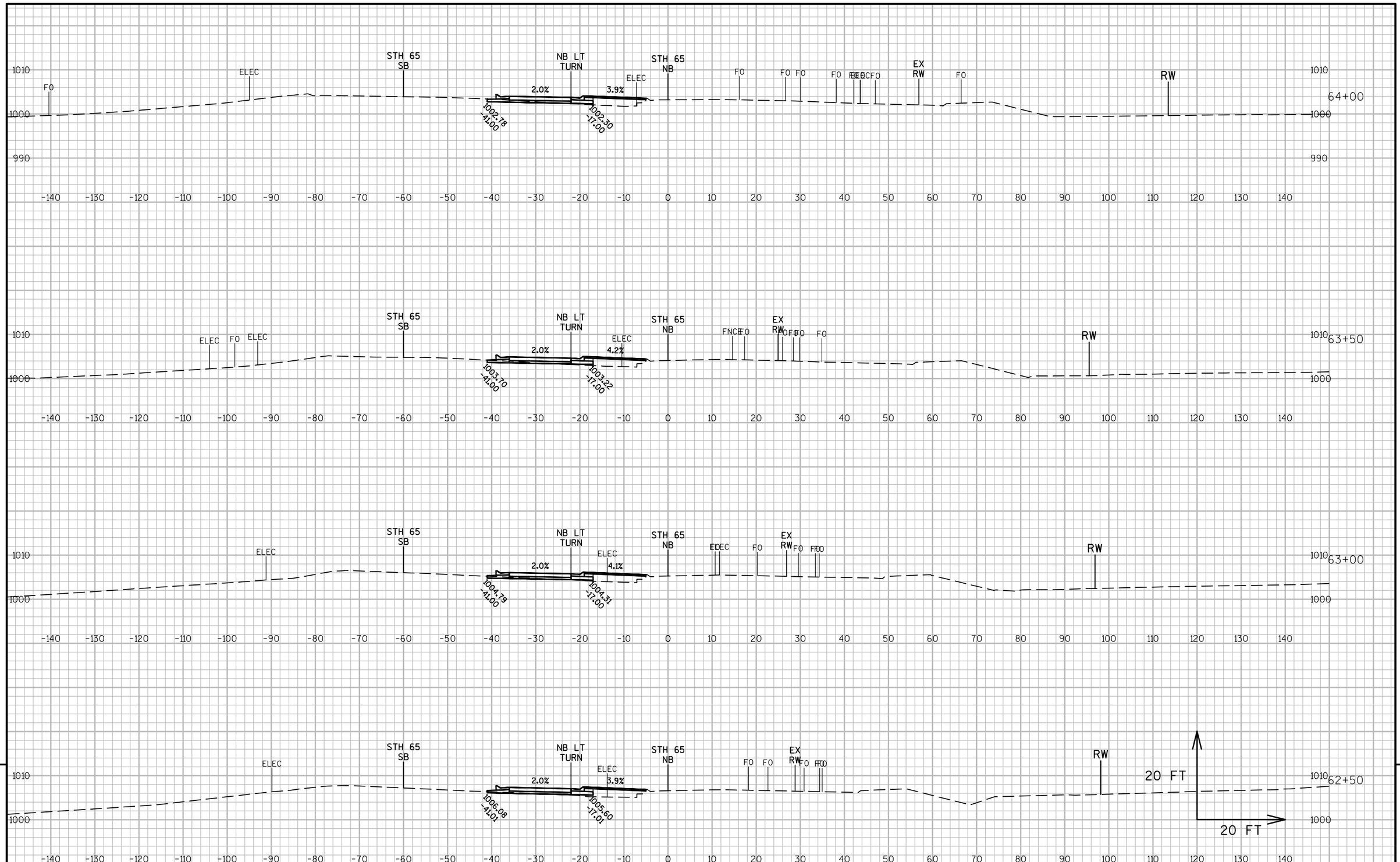
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2A).DWG LOT DATE : 5/8/2017 1:12 PM
LAYOUT NAME - 090205-XS(65NB S2A) - 65NBS2A - (1)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



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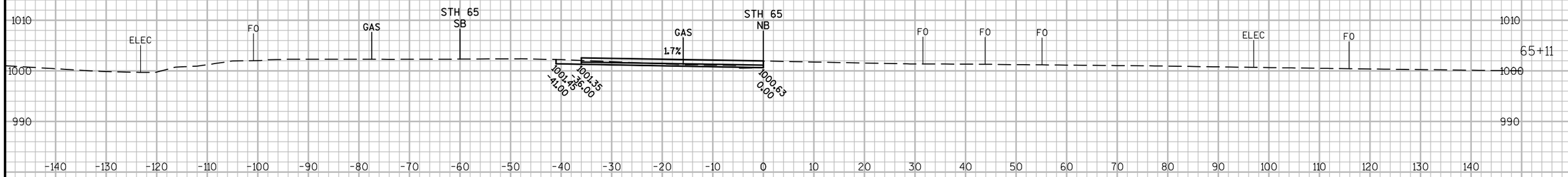
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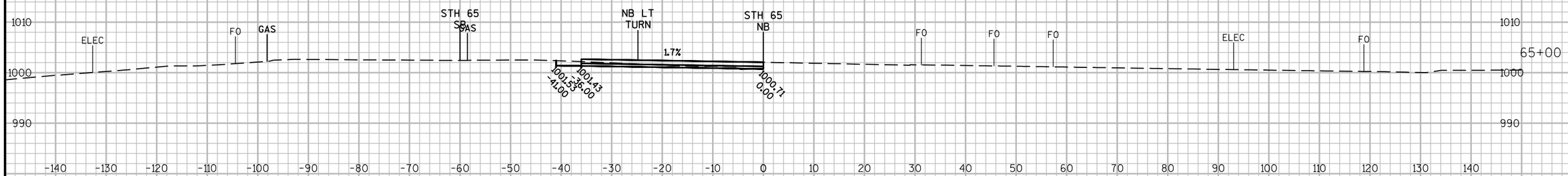
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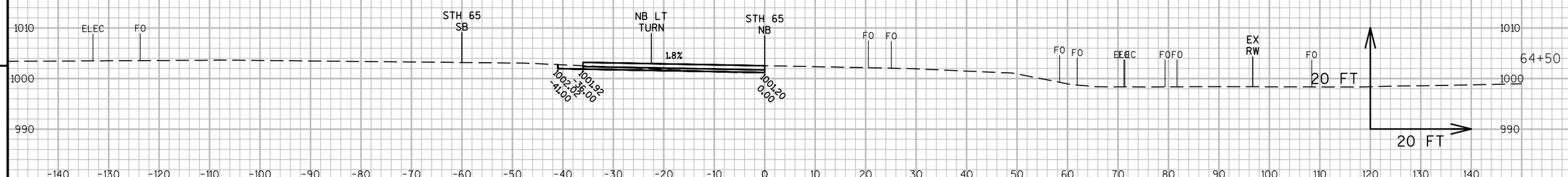
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2A).DWG PLOT DATE : 5/8/2017 1:12 PM
LAYOUT NAME - 090205-XS(65NB S2A) - 65NBS2A - (2)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION STA. 65+50 'N'





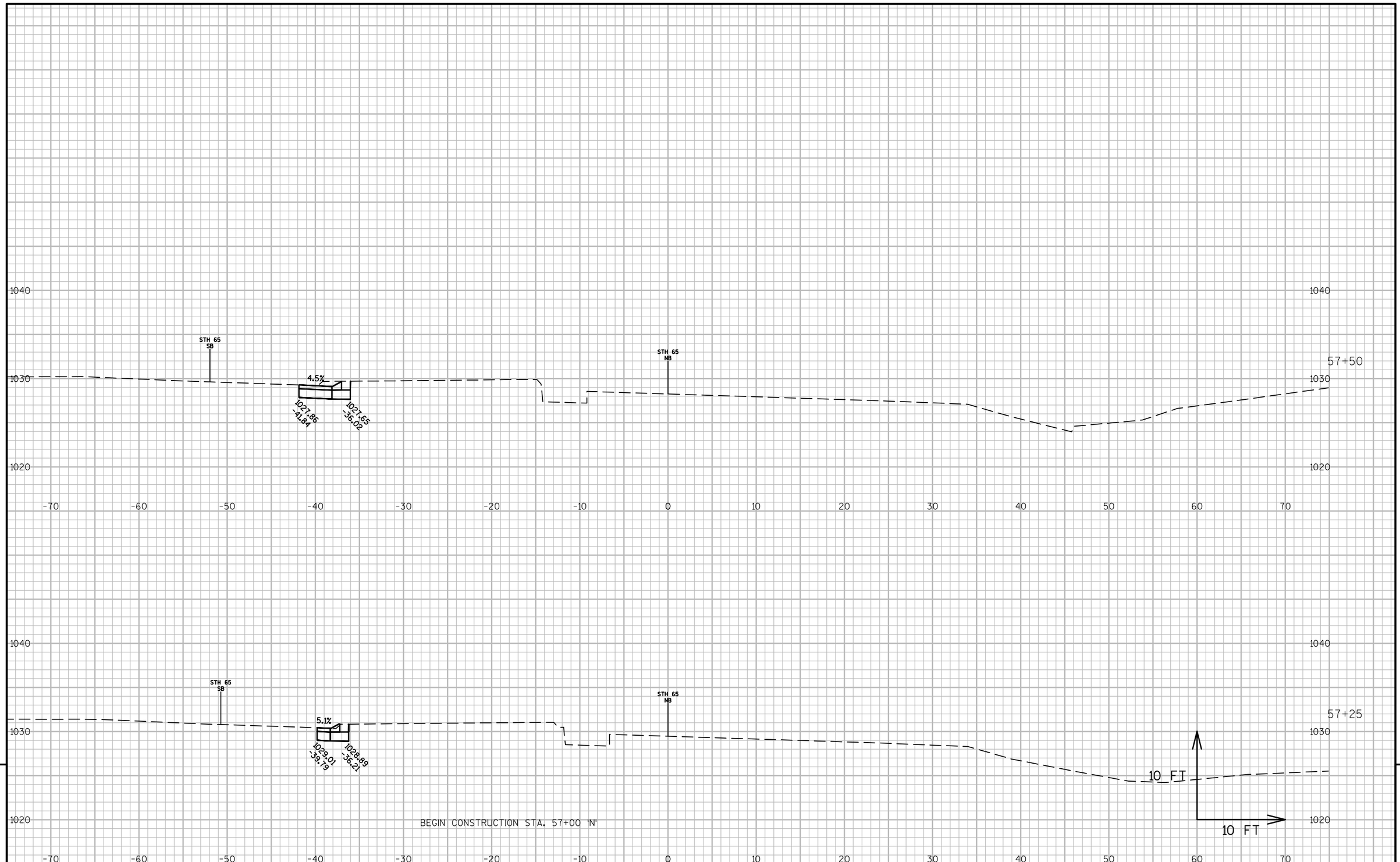


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A)	SHEET	E

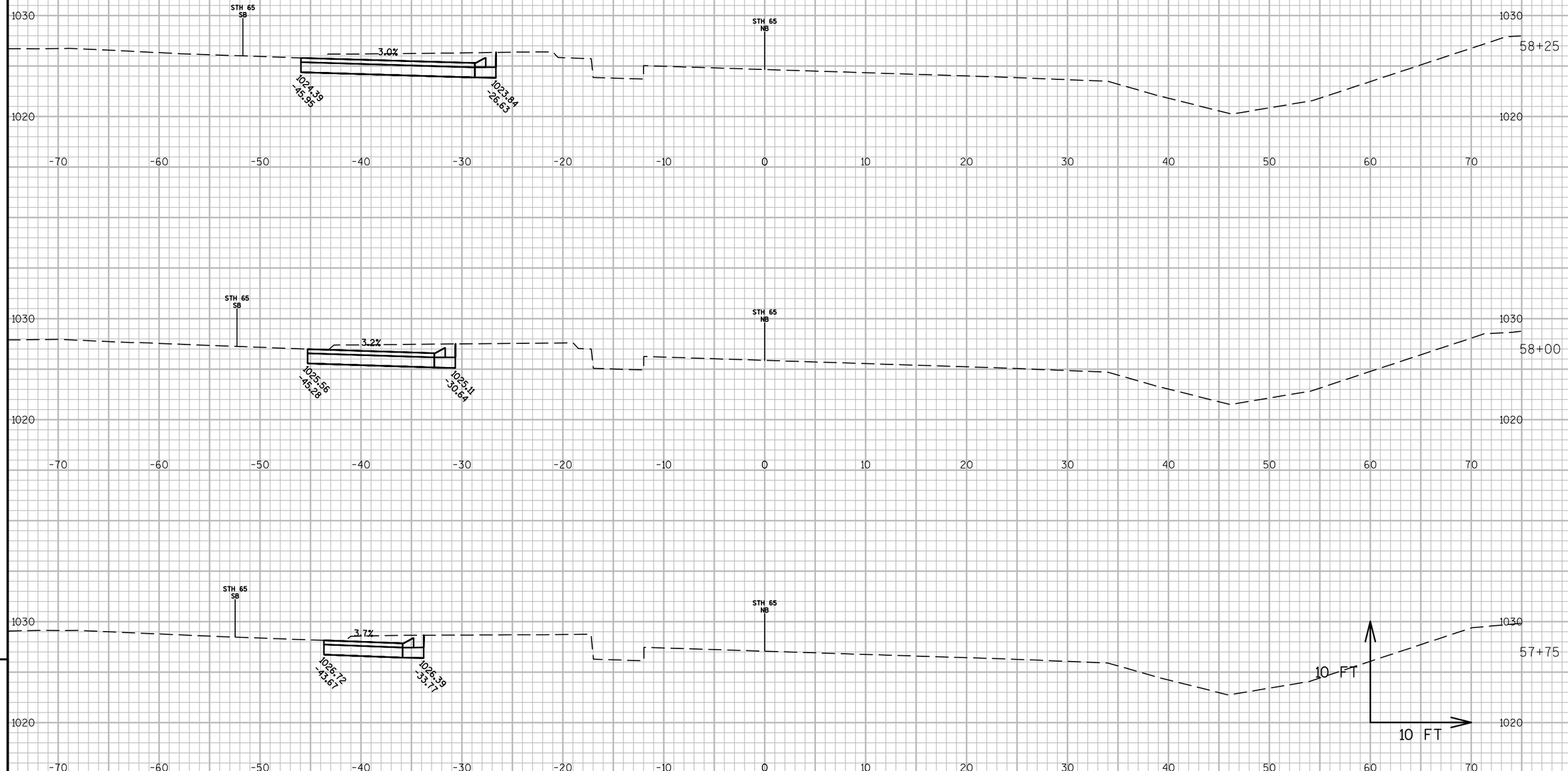
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S2A).DWG
LAYOUT NAME - 090205-XS(65NB S2A) - 65NBS2A - (3)
PLOT DATE : 5/8/2017 1:12 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT



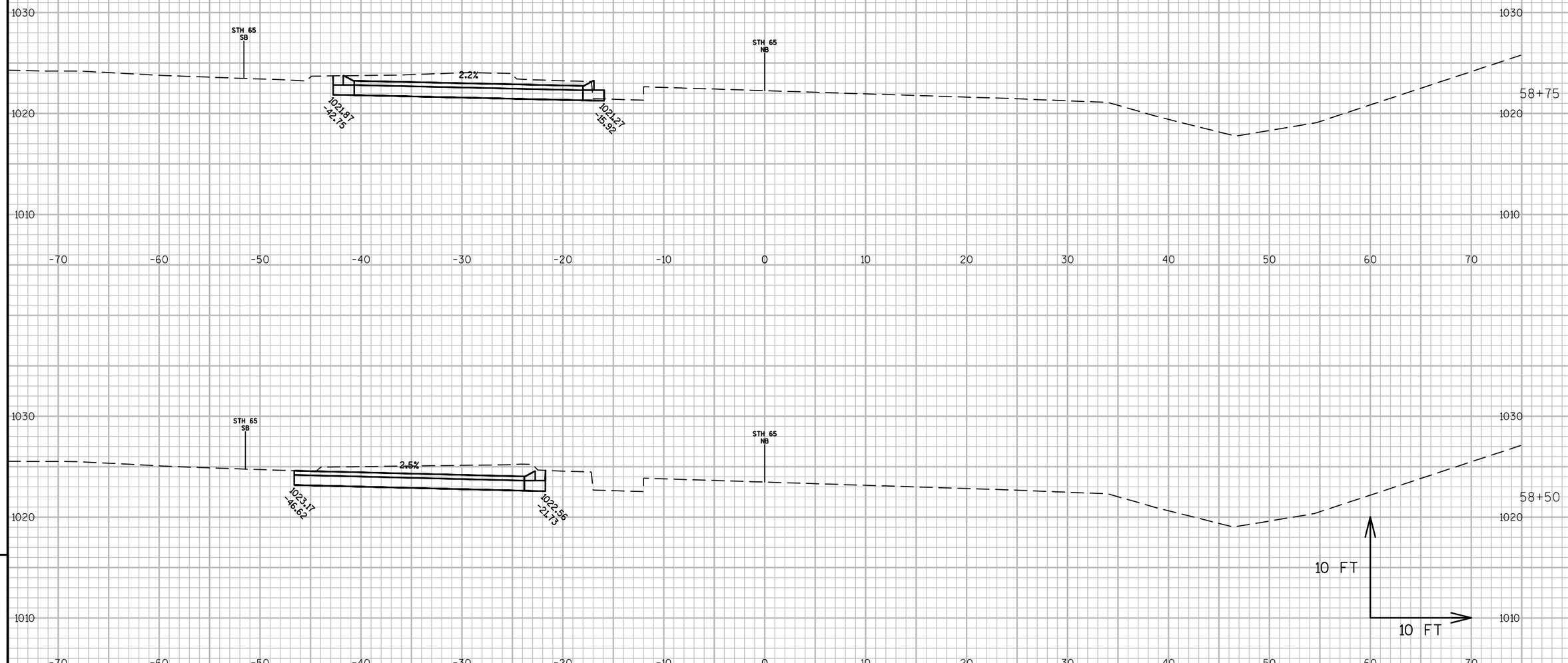
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A XOVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2AXOVER).DWGPLOT DATE : 5/8/2017 9:08 AM
LAYOUT NAME - STAGE 2A XOVER - (1)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A XOVER)	SHEET	E



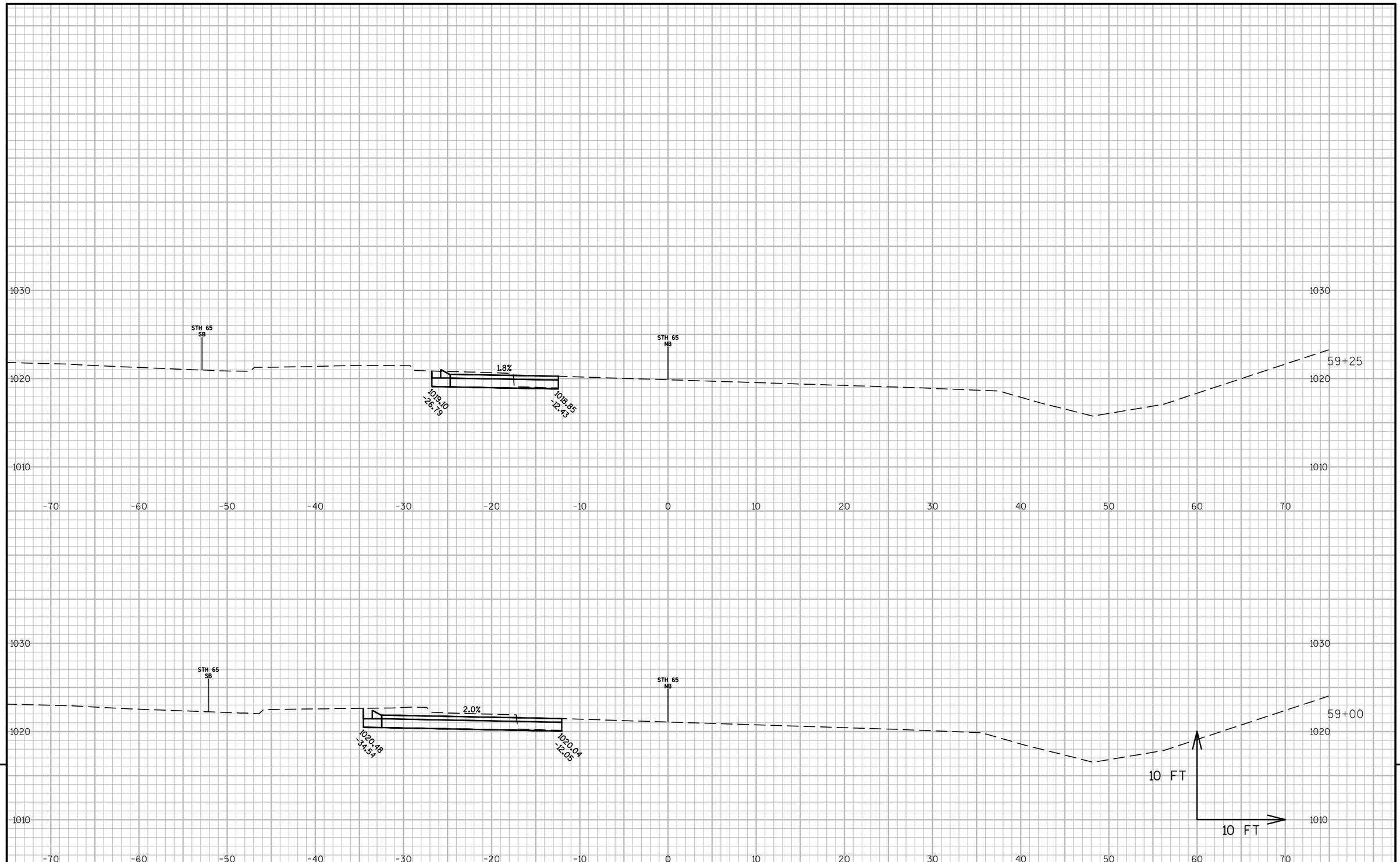
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A XOVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2AXOVER).DWGPLOT DATE : 5/8/2017 9:09 AM
LAYOUT NAME - STAGE 2A XOVER - (3)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

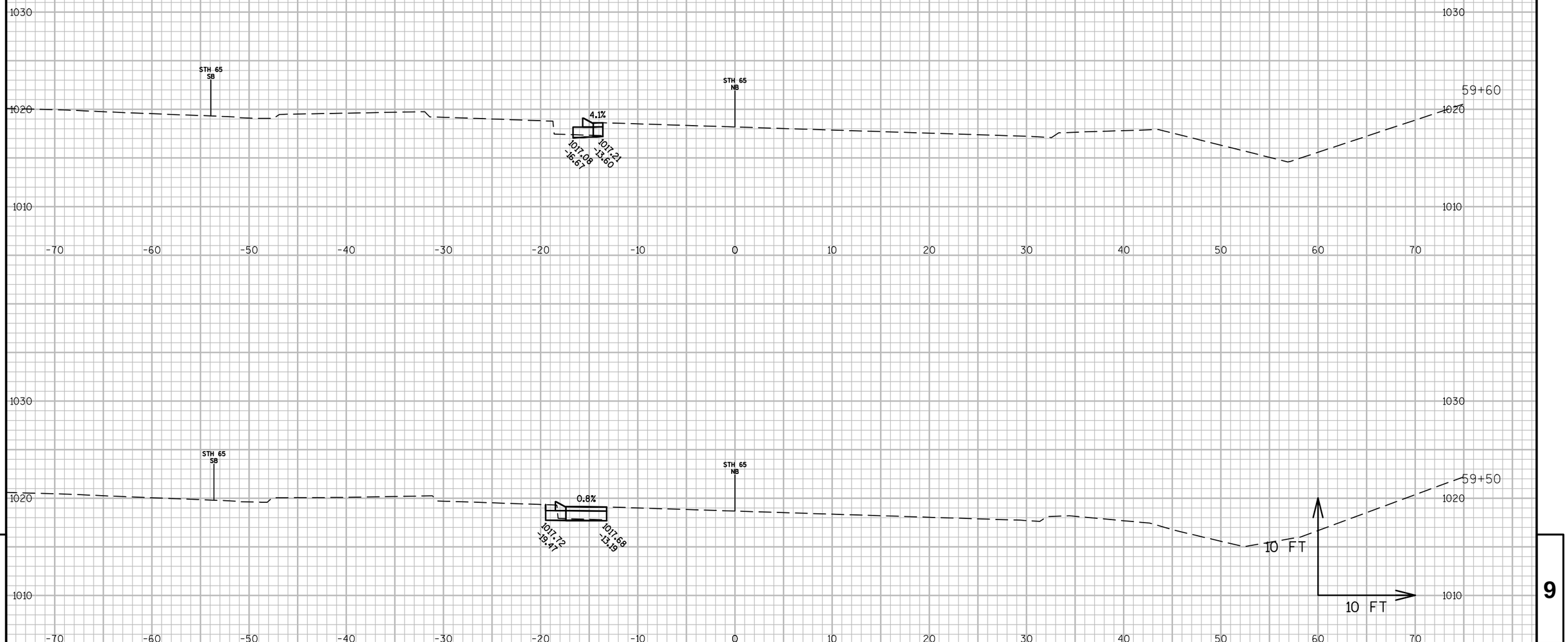


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FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2AXOVER).DWGPLOT DATE : 5/8/2017 9:09 AM
LAYOUT NAME - STAGE 2A XOVER - (4)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

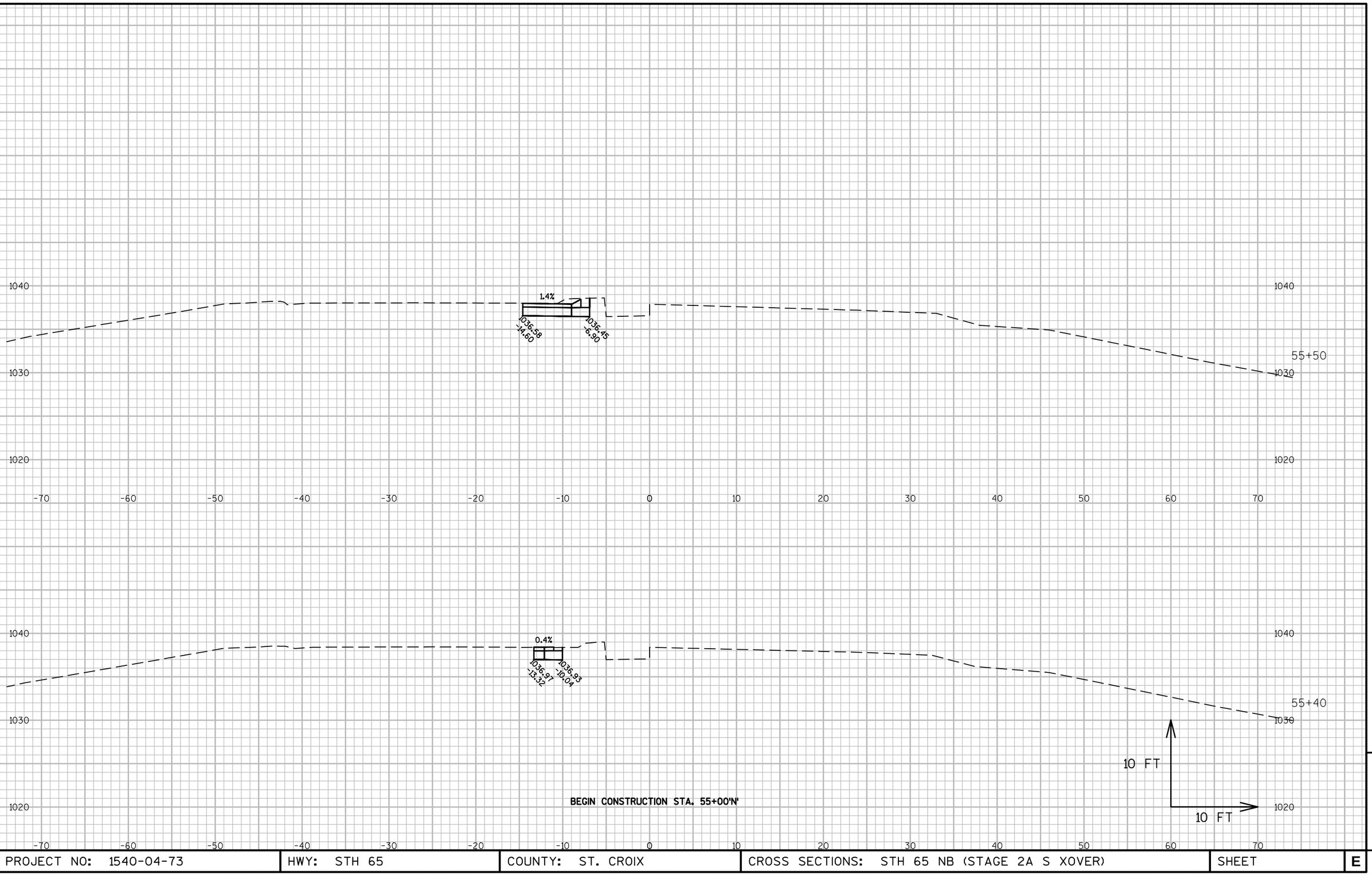
END CONSTRUCTION STA. 60+00 'N'



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A XOVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2AXOVER).DWGPLOT DATE : 5/8/2017 9:09 AM
LAYOUT NAME - STAGE 2A XOVER - (5)

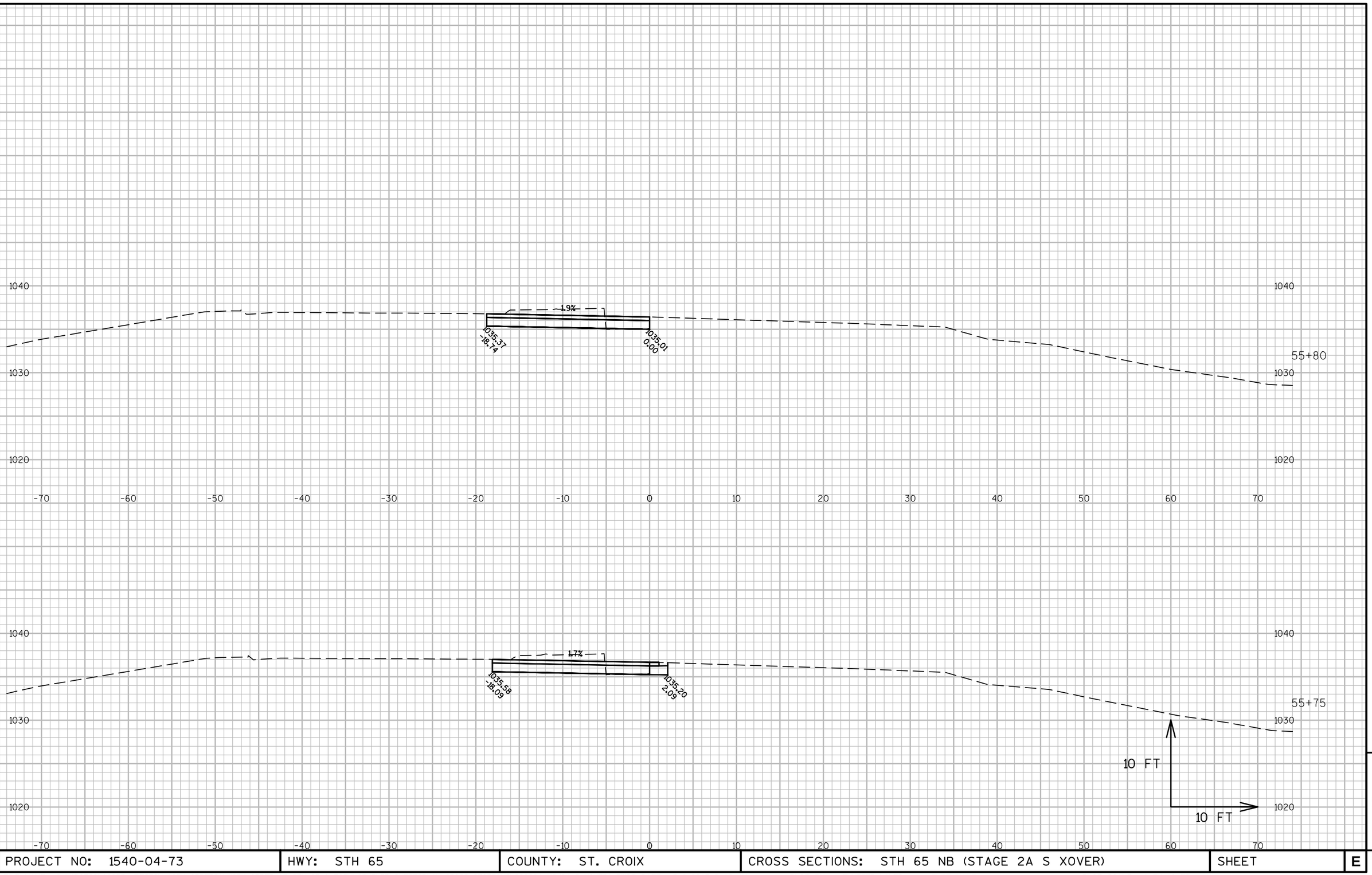
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A S XOVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2A S XOVER).DWG DATE : 5/8/2017 9:12 AM
LAYOUT NAME - STAGE 2A S XOVER - (1)

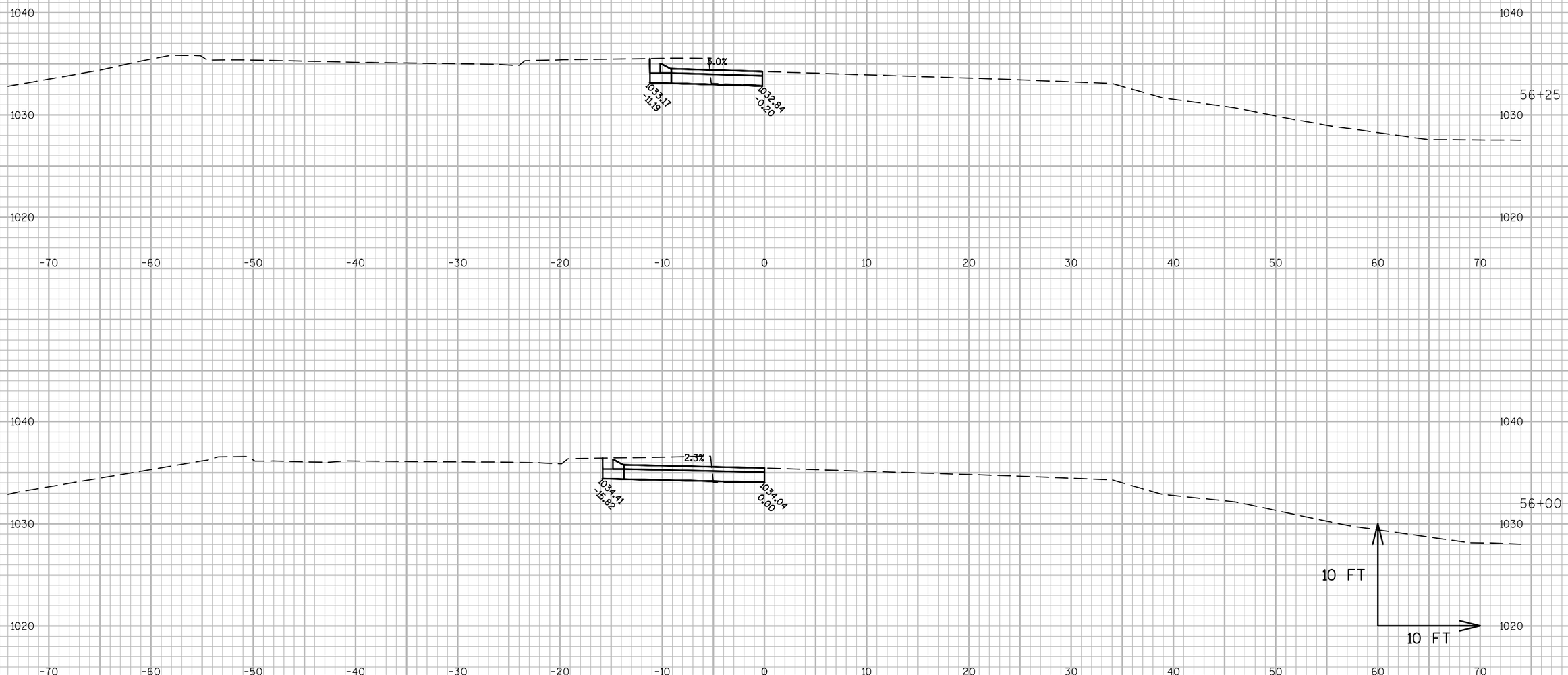
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A S XOVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2A S XOVER).DWG DATE : 5/8/2017 9:12 AM
LAYOUT NAME - STAGE 2A S XOVER - (2)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



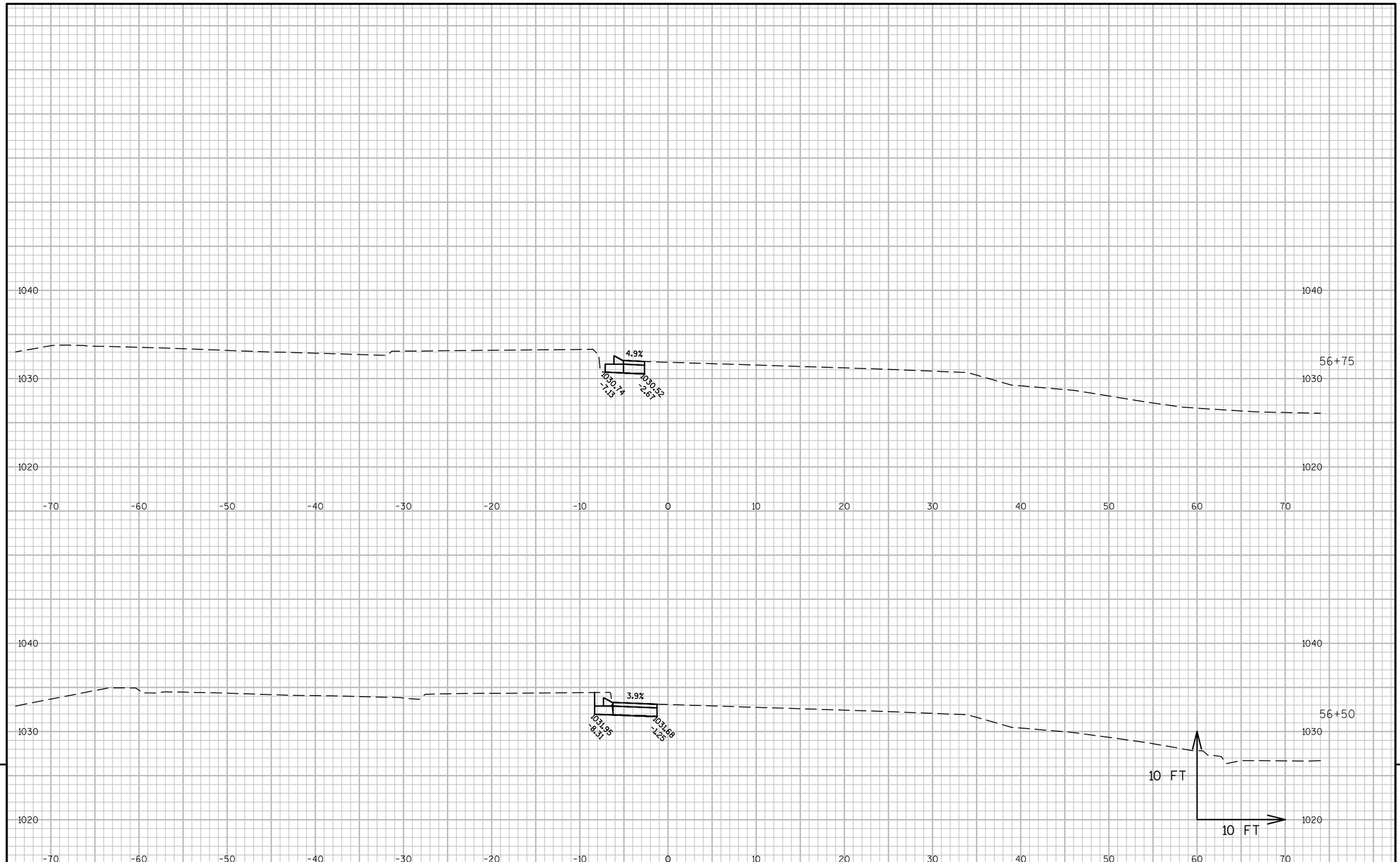
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A S XOVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2A S XOVER).DWG DATE : 5/8/2017 9:12 AM
LAYOUT NAME - STAGE 2A S XOVER - (3)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



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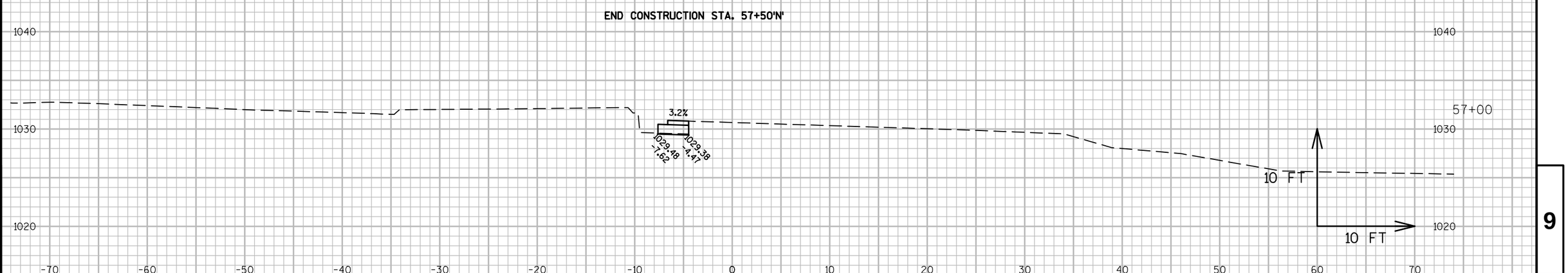
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A S XOVER)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090201-XS(2A S XOVER).DWG DATE : 5/8/2017 9:12 AM
LAYOUT NAME - STAGE 2A S XOVER - (4)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

END CONSTRUCTION STA. 57+50'N'

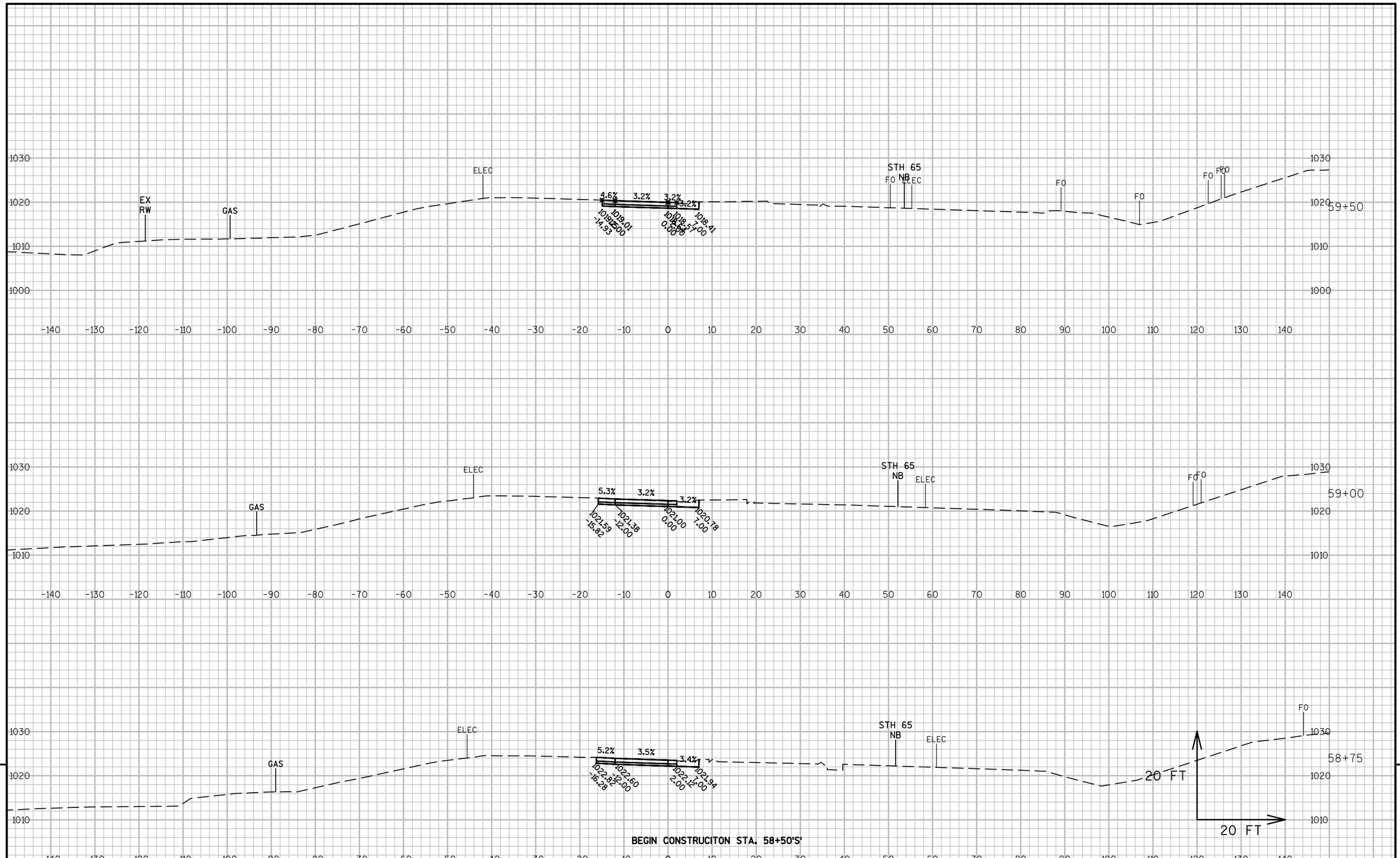


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 2A S XOVER)	SHEET	E

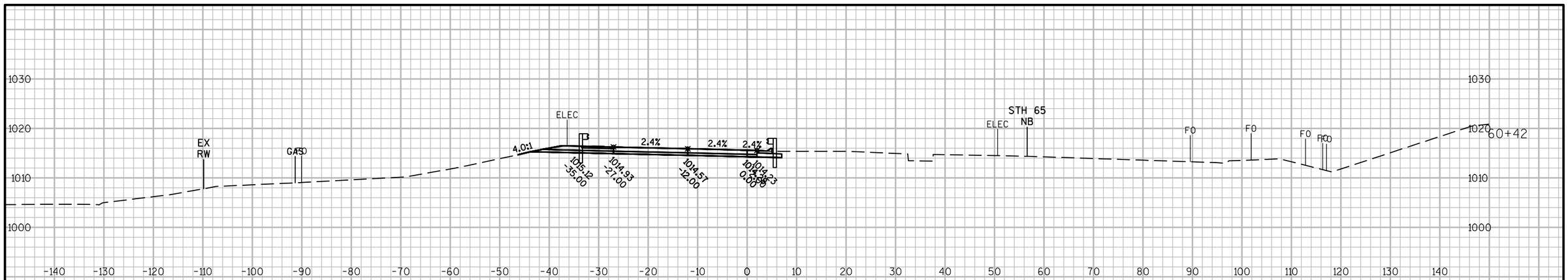
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LAYOUT NAME - STAGE 2A S XOVER - (5)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

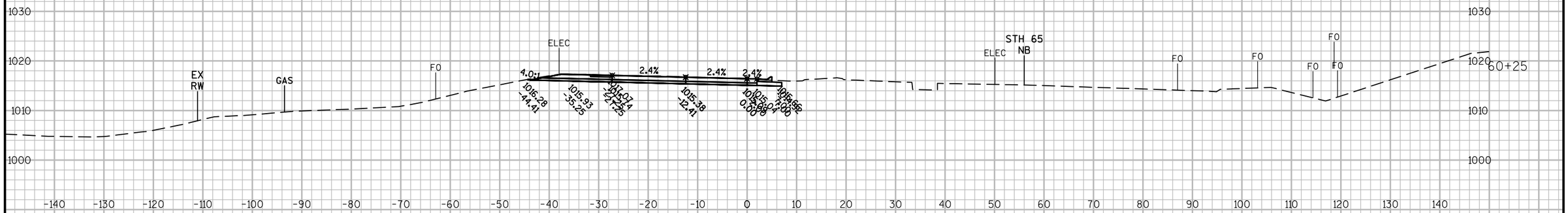


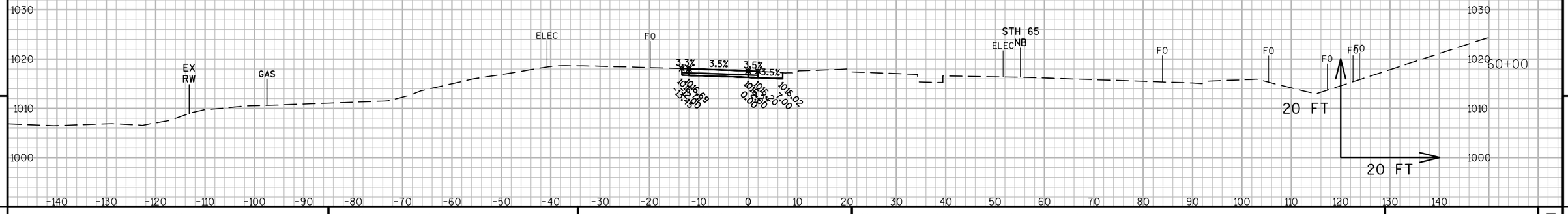
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FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65SB S3).DWGPLOT DATE : 5/8/2017 1:15 PM
LAYOUT NAME - 65SB S3 - (1)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT







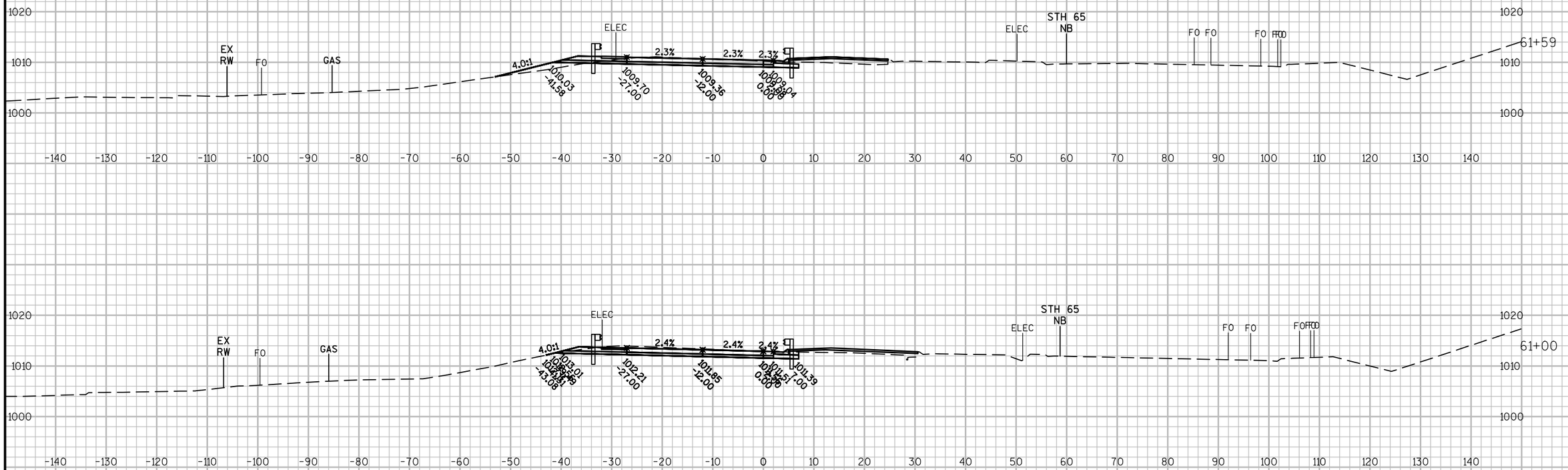
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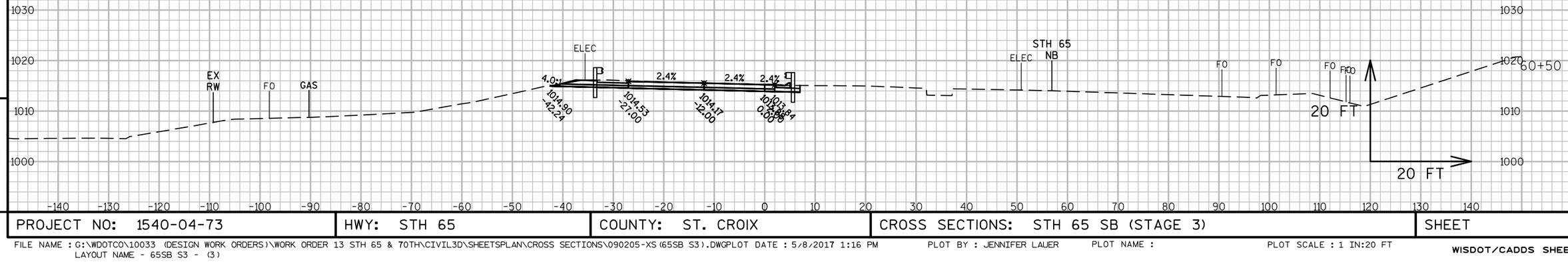
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65SB S3).DWGPLOT DATE : 5/8/2017 1:16 PM
LAYOUT NAME - 65SB S3 - (2)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



OVERHEAD SIGN SUPPORT S-55-053
STA. 60+64'S'

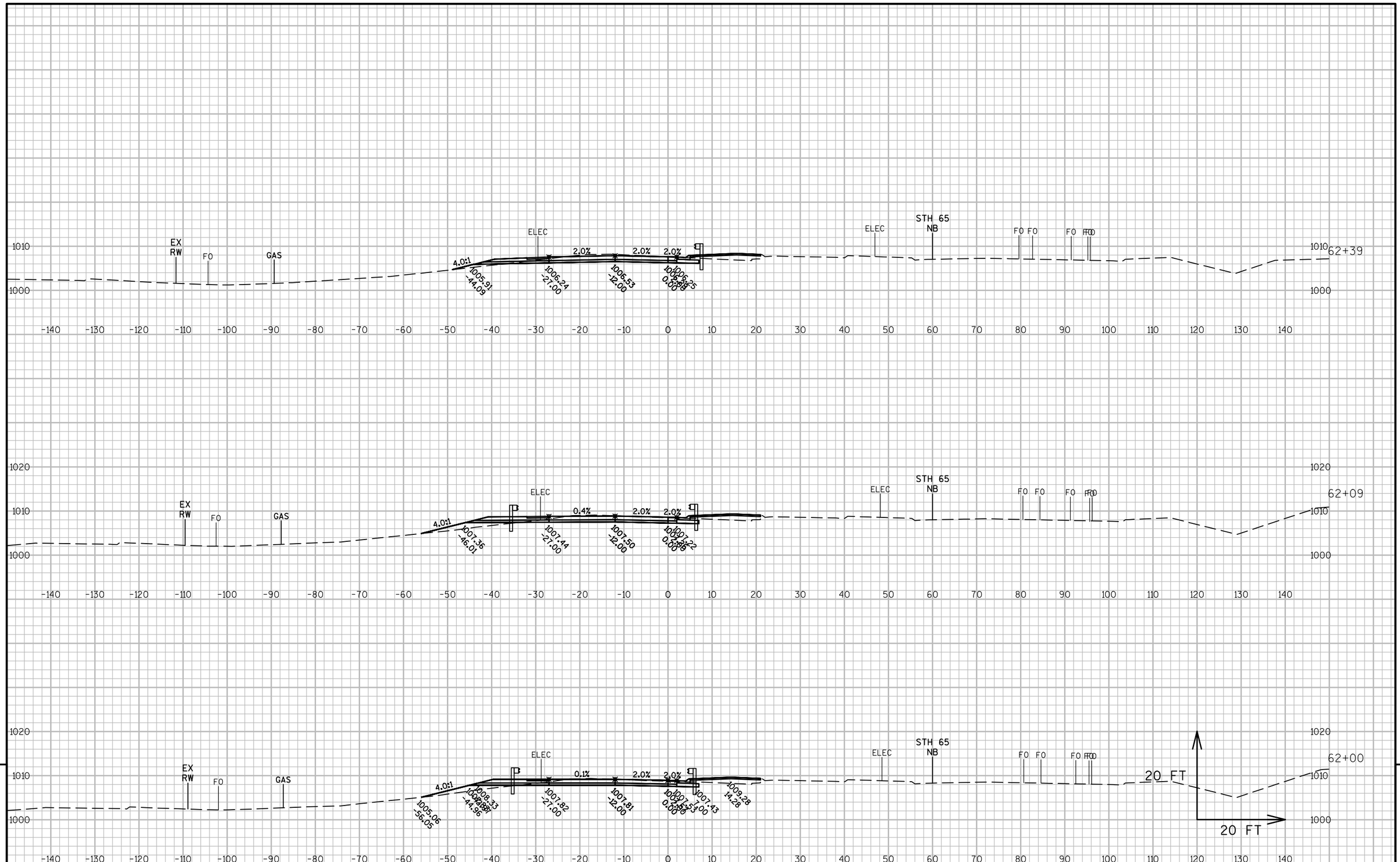


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3)	SHEET	E

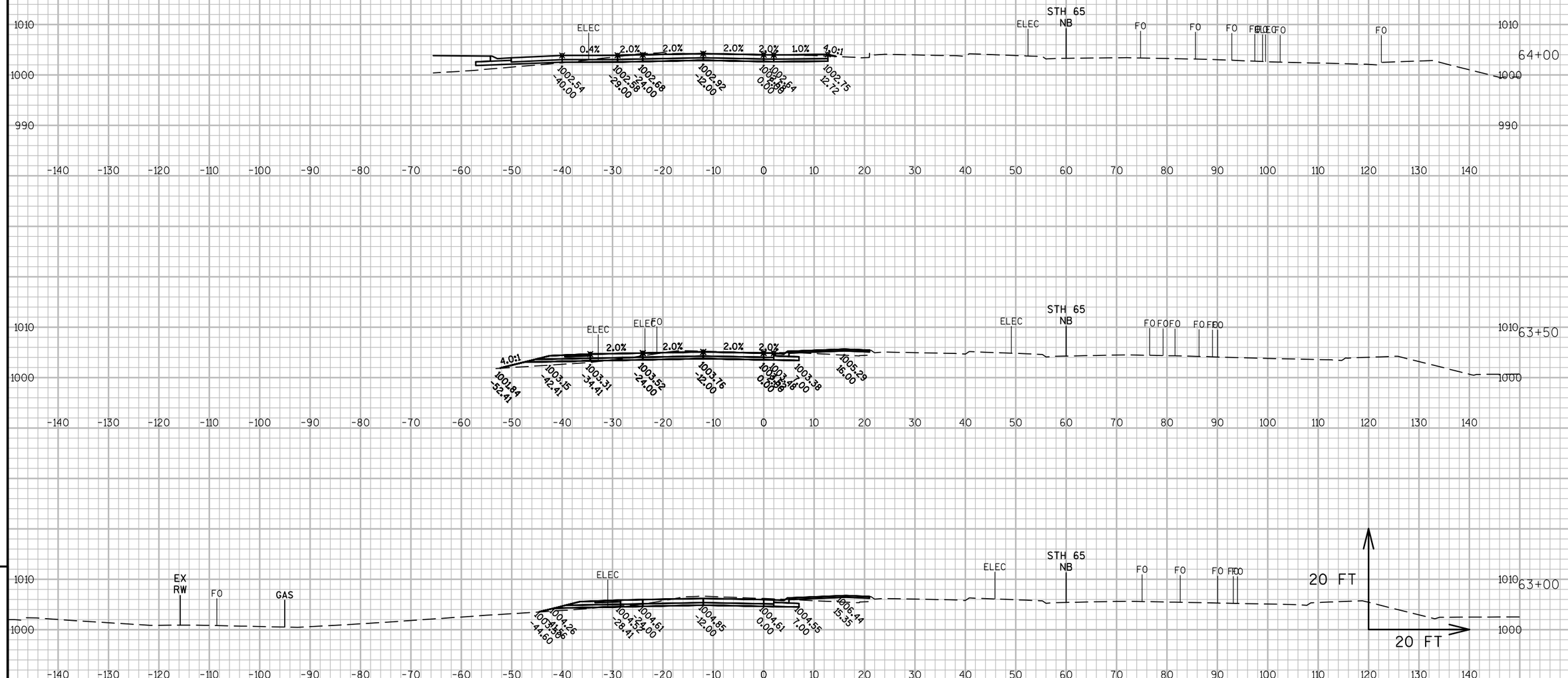
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LAYOUT NAME - 65SB S3 - (3)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65SB S3).DWGPLOT DATE : 5/8/2017 1:16 PM
LAYOUT NAME - 65SB S3 - (4)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

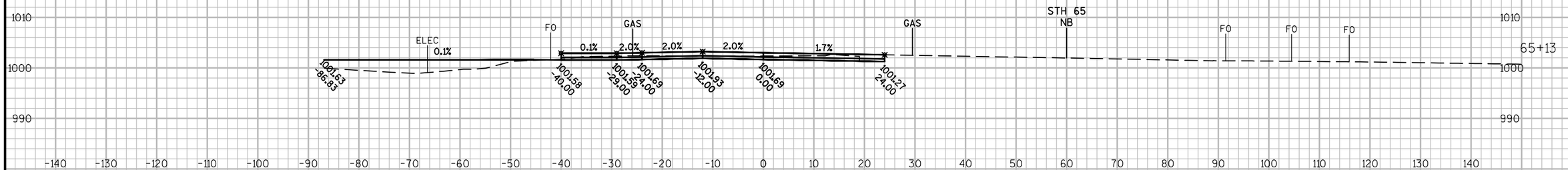


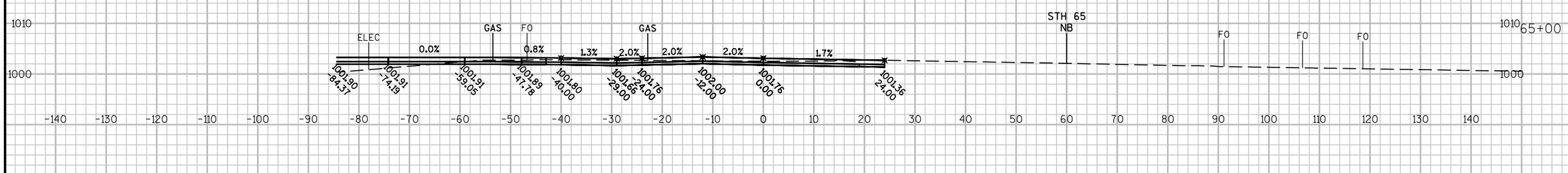
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65SB S3).DWGPLOT DATE : 5/8/2017 1:16 PM
LAYOUT NAME - 65SB S3 - (5)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

EMD CONSTRUCTION STA. 65+50'S'





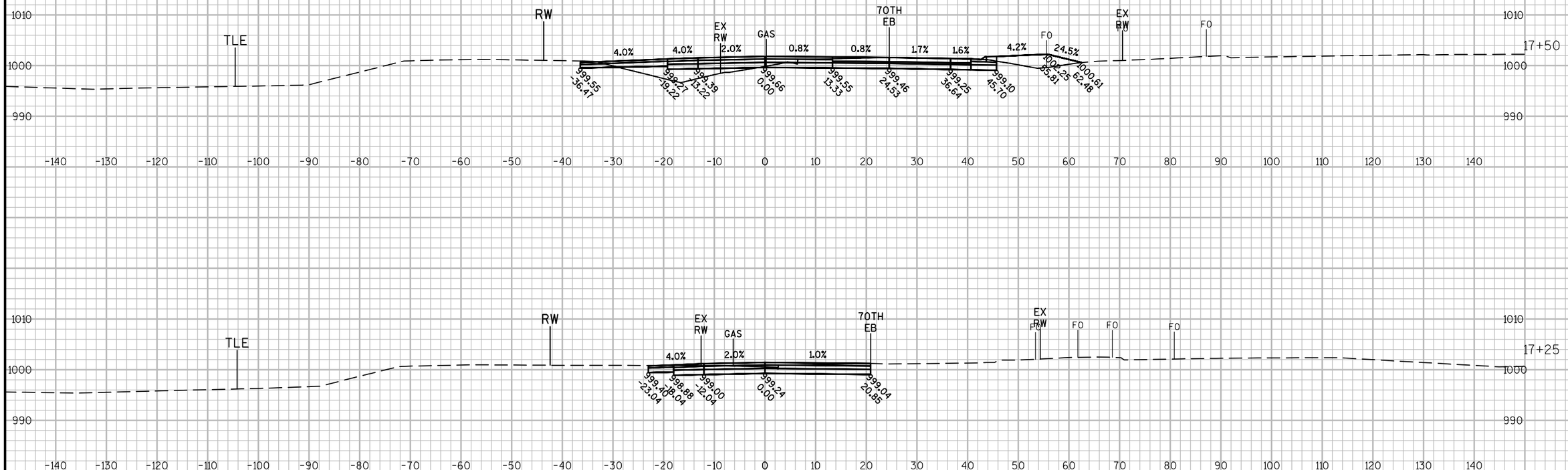


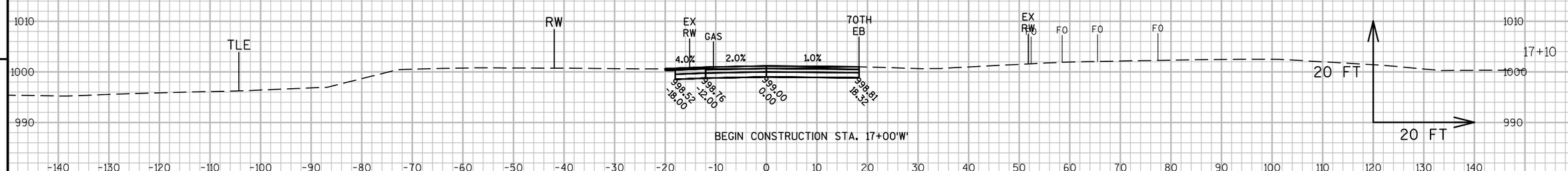
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65SB S3).DWGPLOT DATE : 5/8/2017 1:16 PM
LAYOUT NAME - 65SB S3 - (6)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



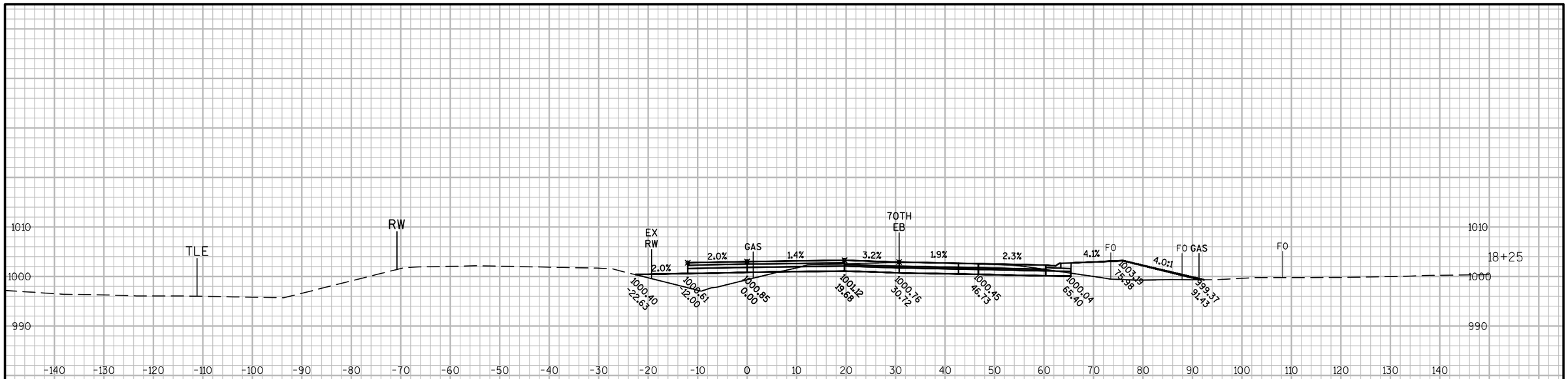


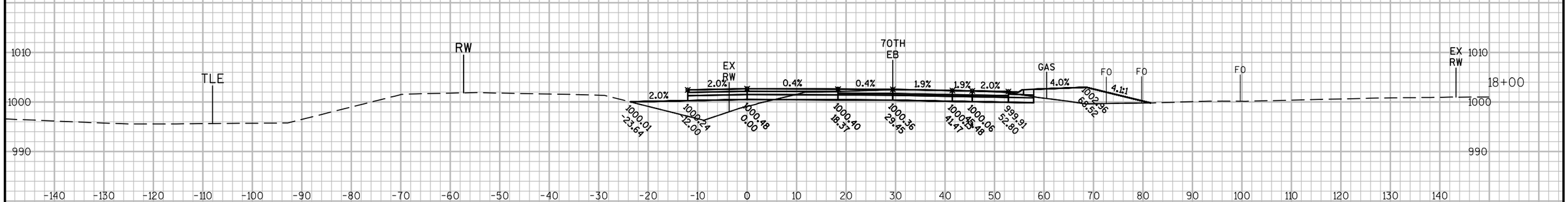
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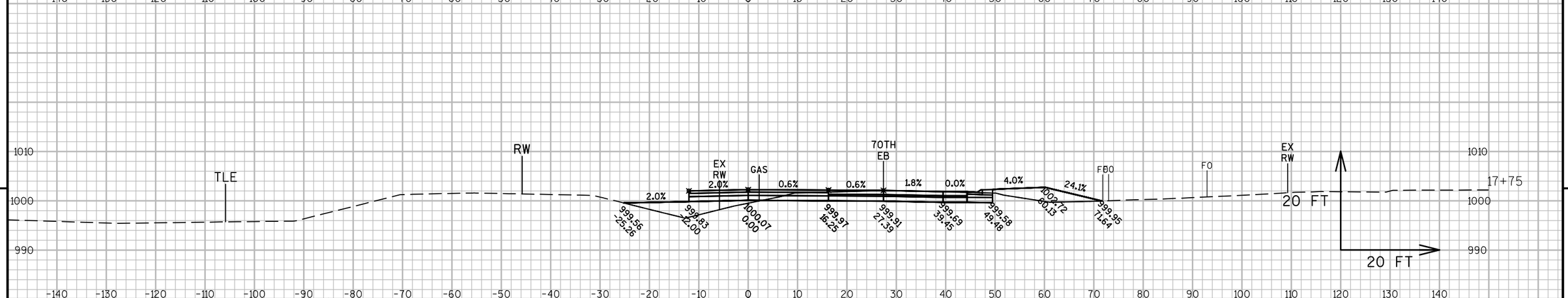
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 3)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S3).DWG LAYOUT NAME - 70TH WB S3 - (1)
DATE : 5/8/2017 1:20 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT







9

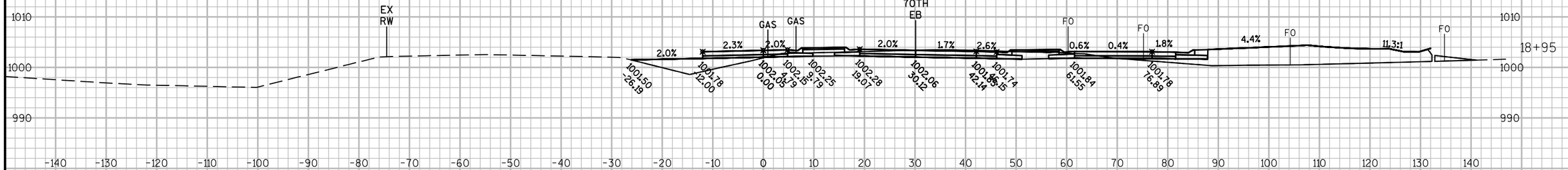
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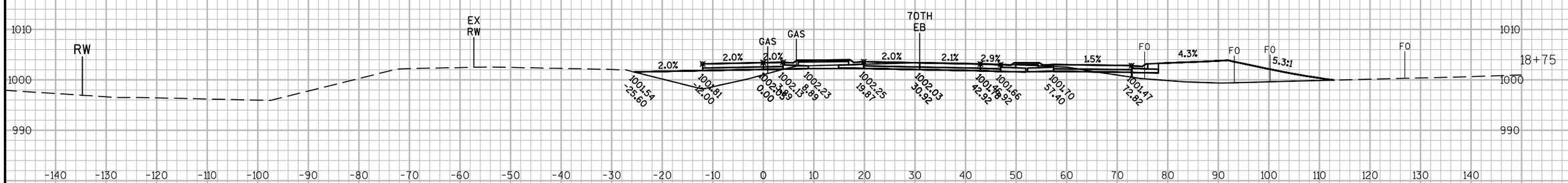
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 3)	SHEET	E

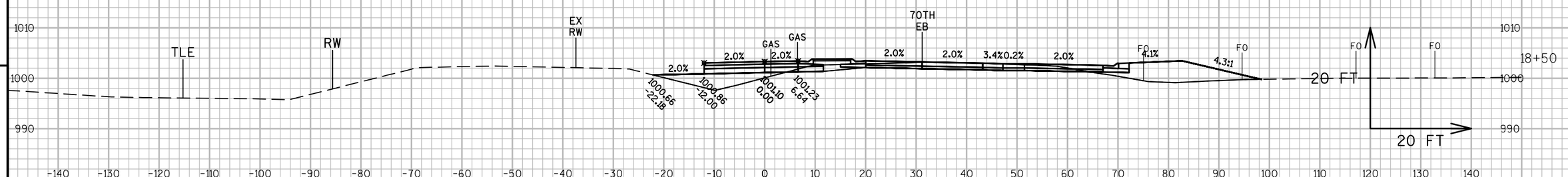
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S3).DWG DATE : 5/8/2017 1:20 PM
LAYOUT NAME - 70TH WB S3 - (2)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION STA. 19+00'W'





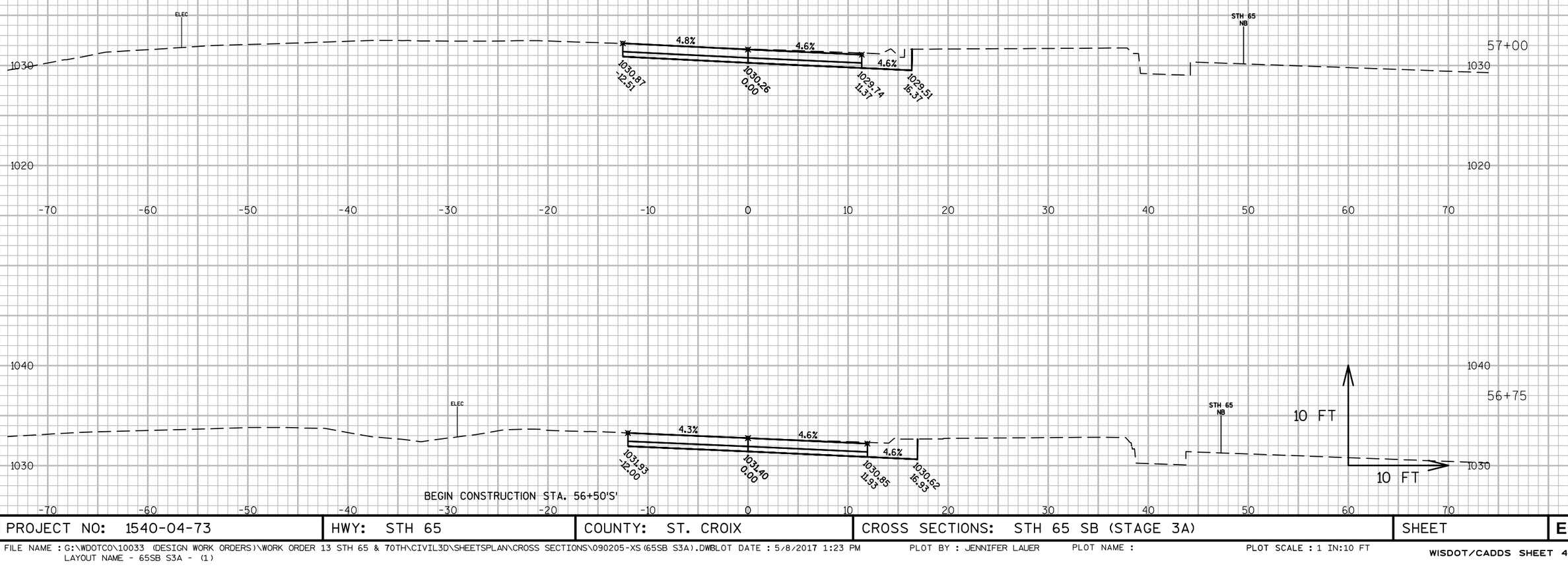


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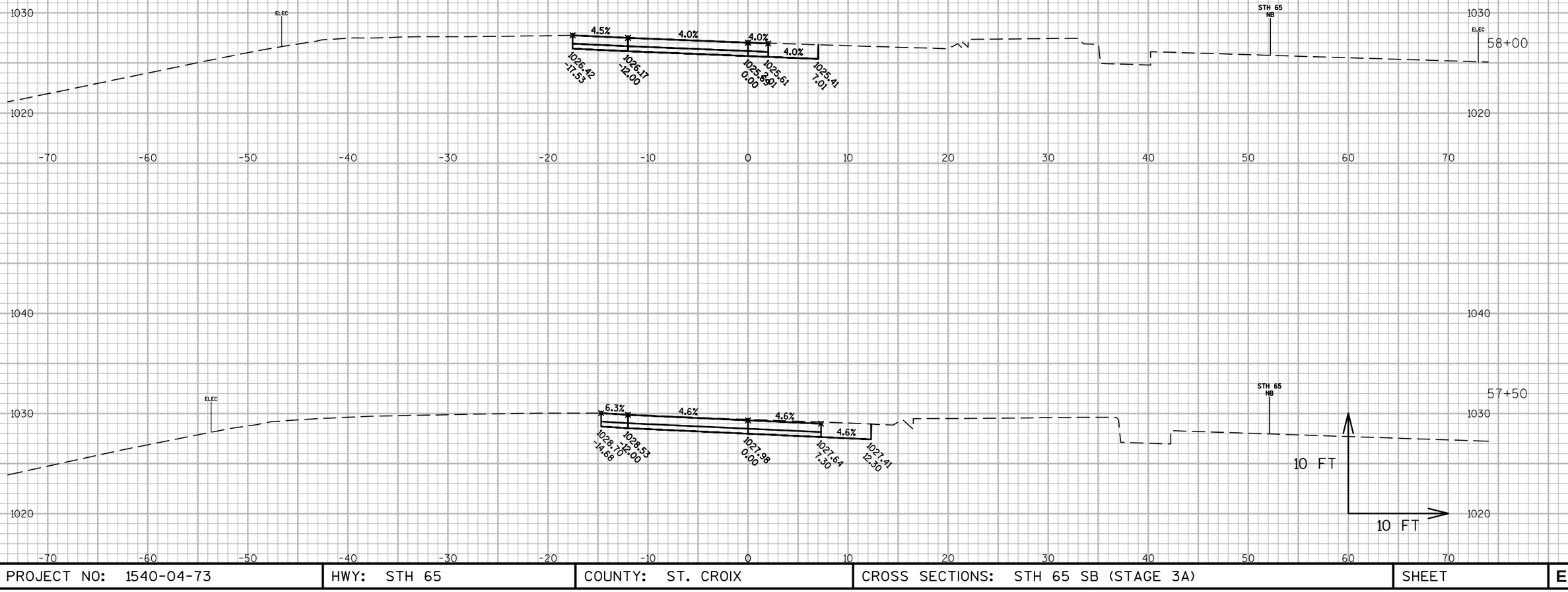
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 3)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S3).DWG DATE : 5/8/2017 1:20 PM
LAYOUT NAME - 70TH WB S3 - (3)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3A)	SHEET	E



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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3A)	SHEET	E

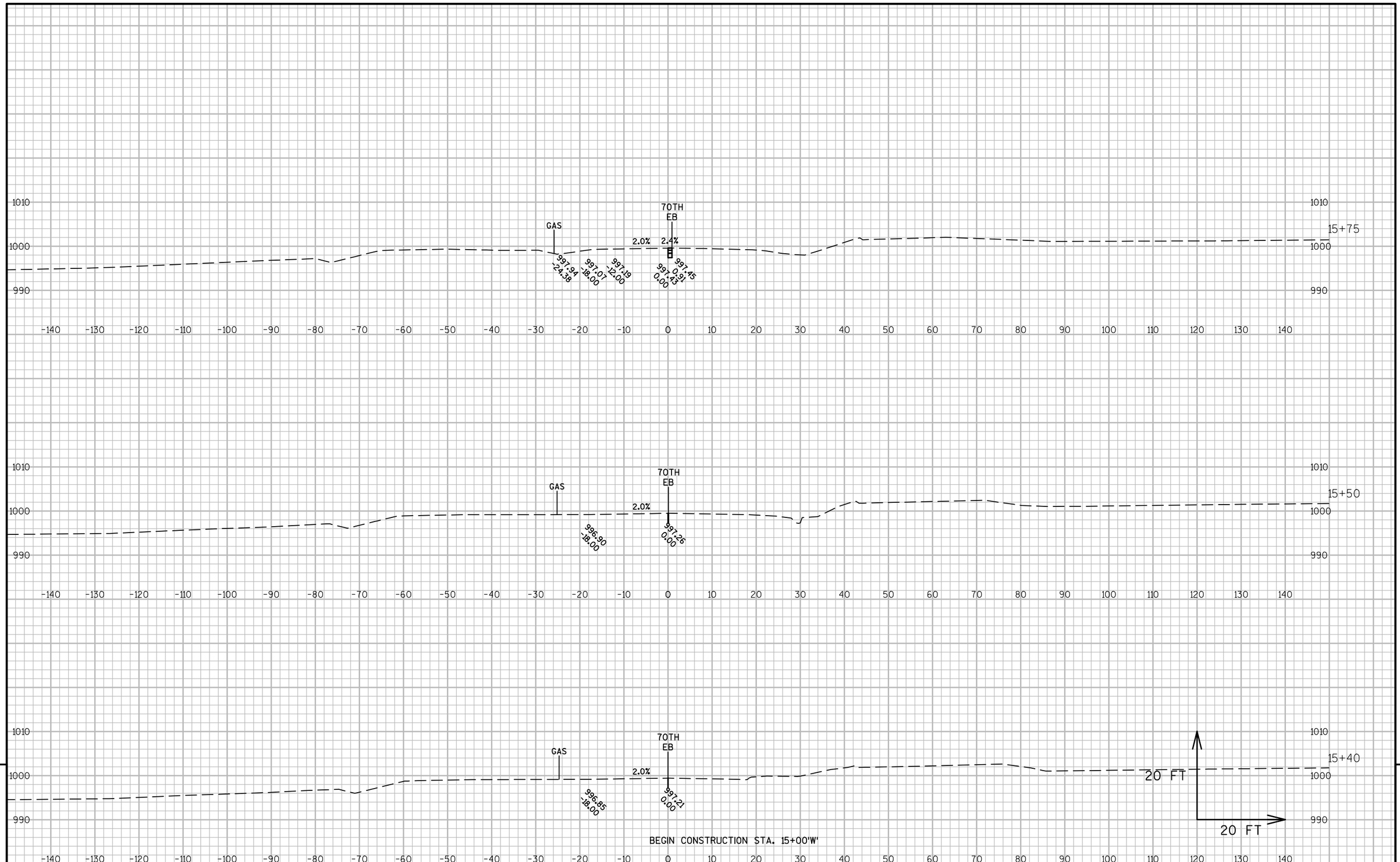
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LAYOUT NAME - 65SB S3A - (2)
PLOT DATE : 5/8/2017 1:23 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

END CONSTRUCTION STA. 59+00'S'



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 SB (STAGE 3A)	SHEET	E

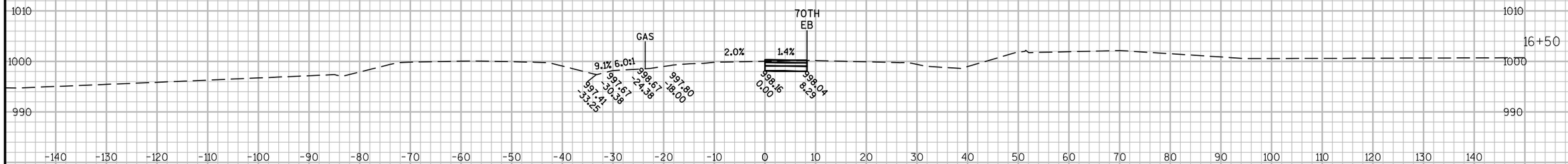
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LAYOUT NAME - 65SB S3A - (3)
PLOT DATE : 5/8/2017 1:23 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



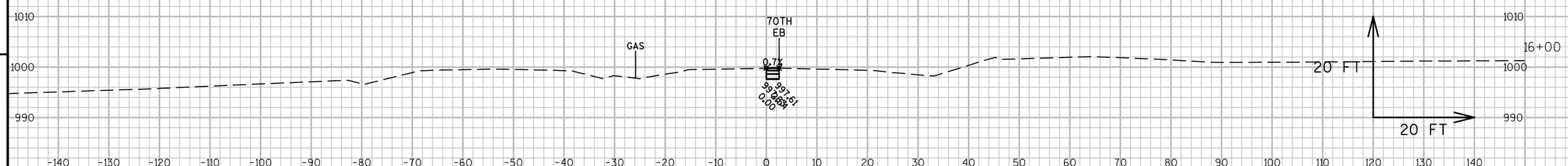
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 3A)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(W 70TH AVE WB STA 3A).DWG PLOT DATE : 5/8/2017 9:29 AM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - 70 WB STAGE 3A - (1)

STA. 16+60'W'
MAINTAIN TEMPORARY F.E. LT
MAINTAIN 12-INCH TEMPORARY CP







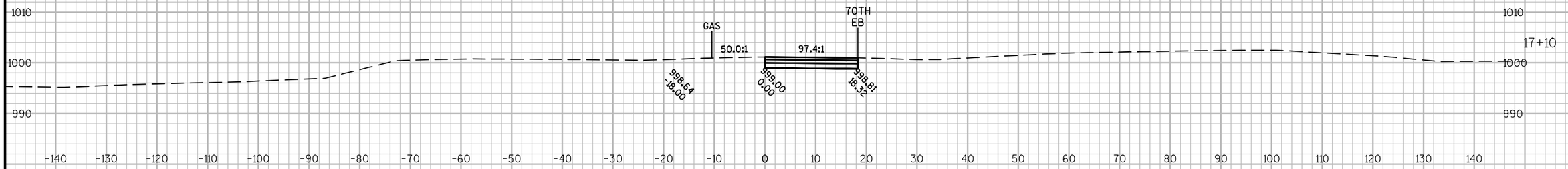
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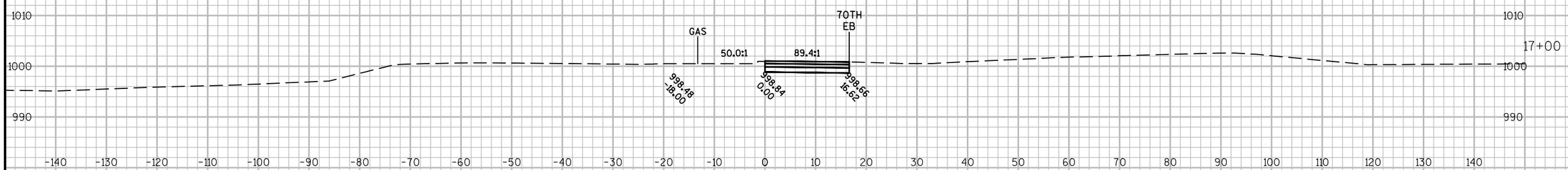
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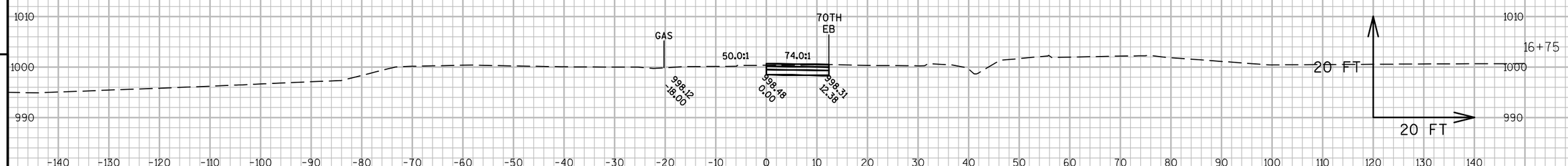
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 3A)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(W 70TH AVE WB STAGE 3A).DWG
LAYOUT NAME - 70 WB STAGE 3A - (2)
PLOTTED : 5/8/2017 9:29 AM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION STA. 17+50'W'





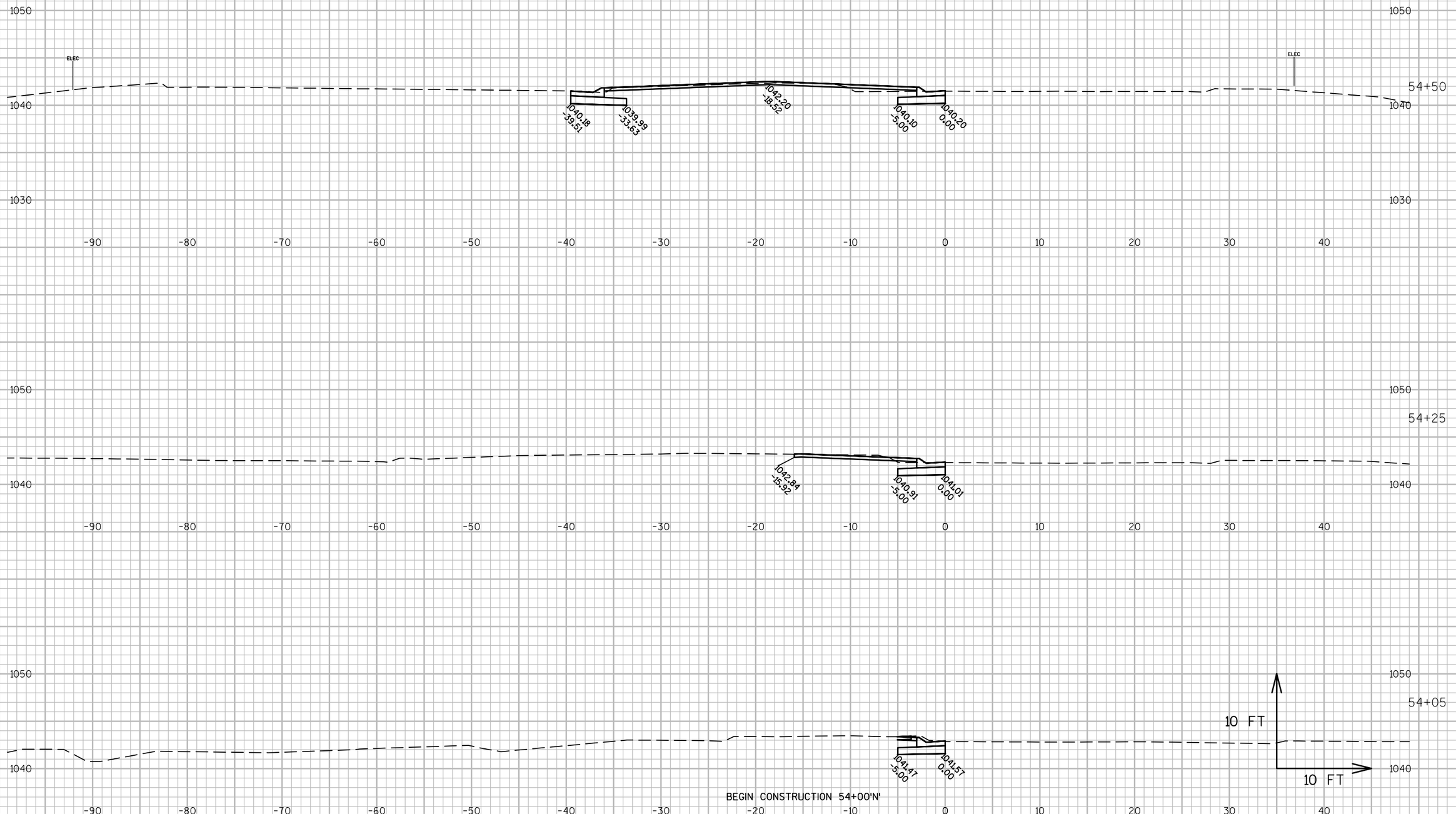


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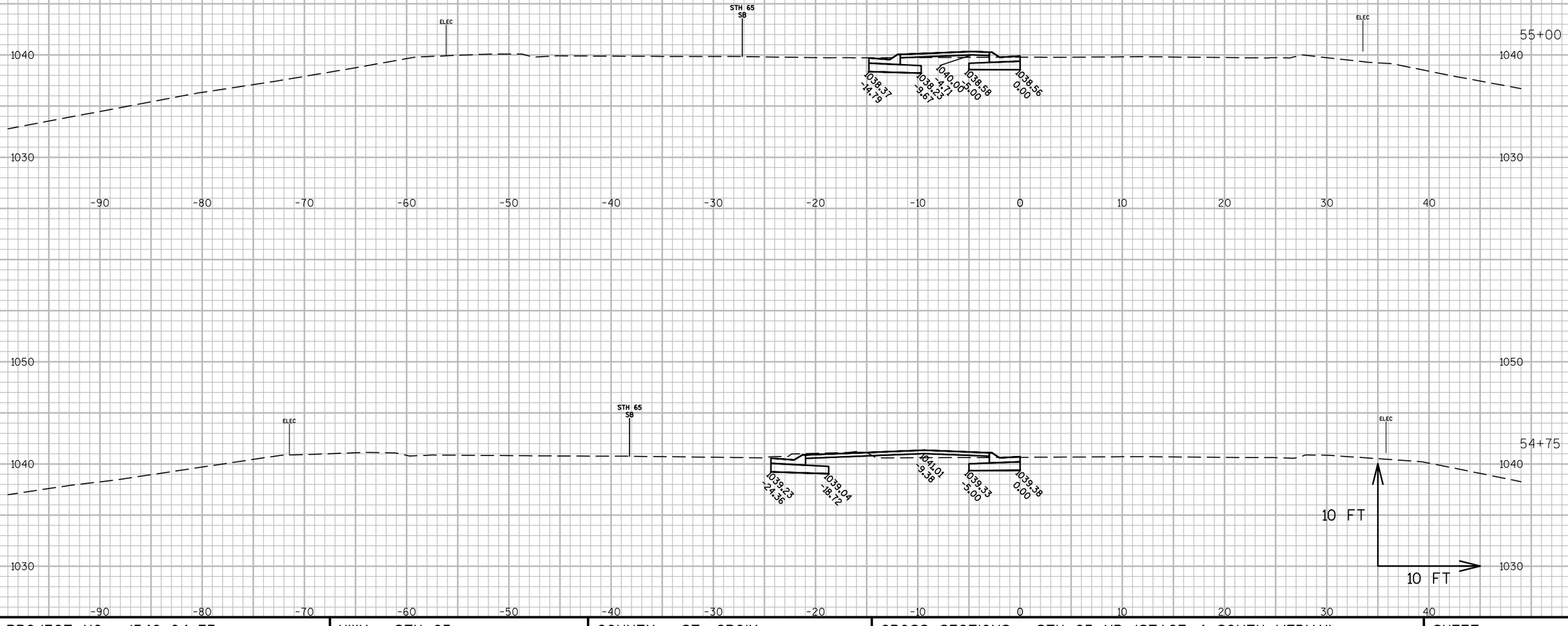
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 3A)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(W 70TH AVE WB STAGE 3A).DWG
LAYOUT NAME - 70 WB STAGE 3A - (3)
PLOTTED : 5/8/2017 9:30 AM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT



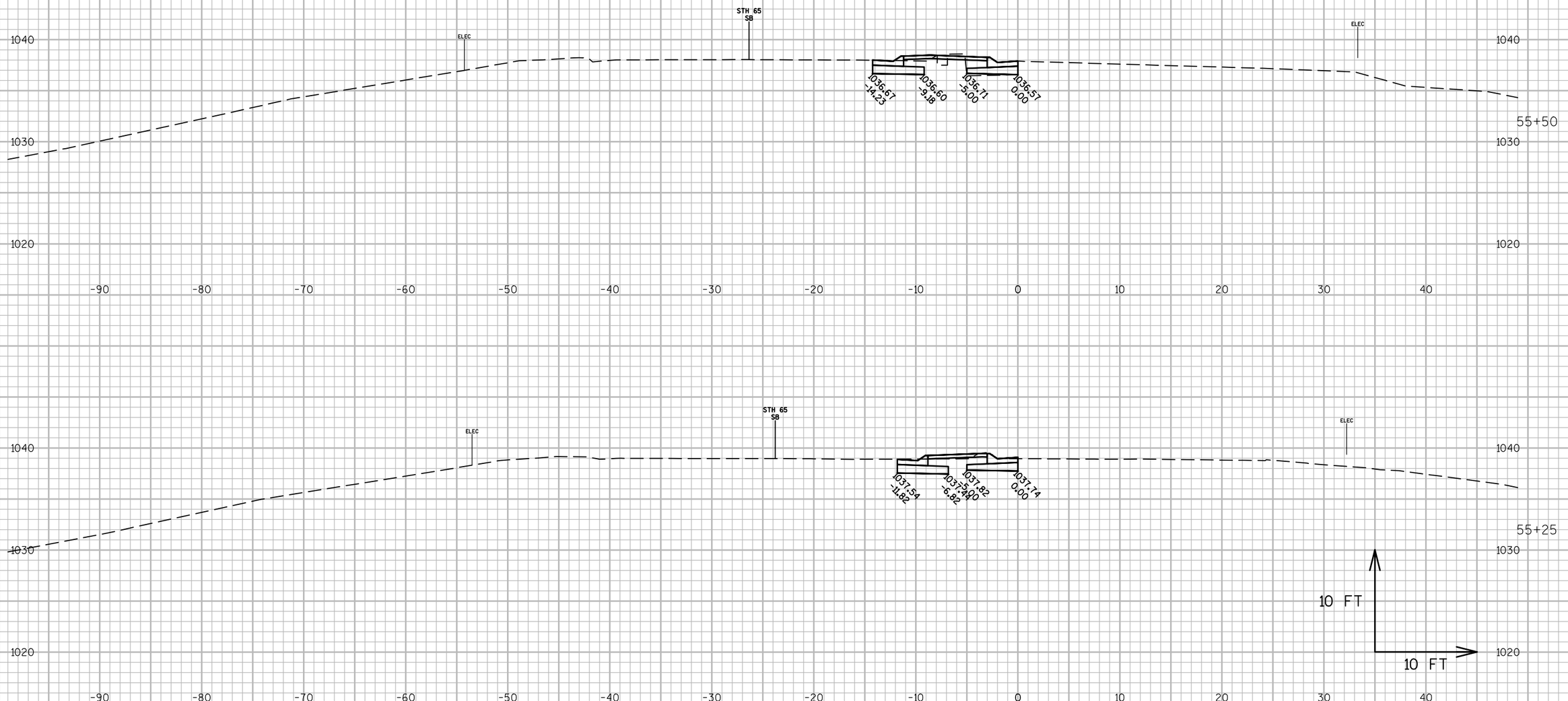
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG
LAYOUT NAME - 65 NB S4S - (1)
PLOT DATE : 5/8/2017 1:26 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG LAYOUT NAME - 65 NB S4S - (2)
PLOT DATE : 5/8/2017 1:26 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



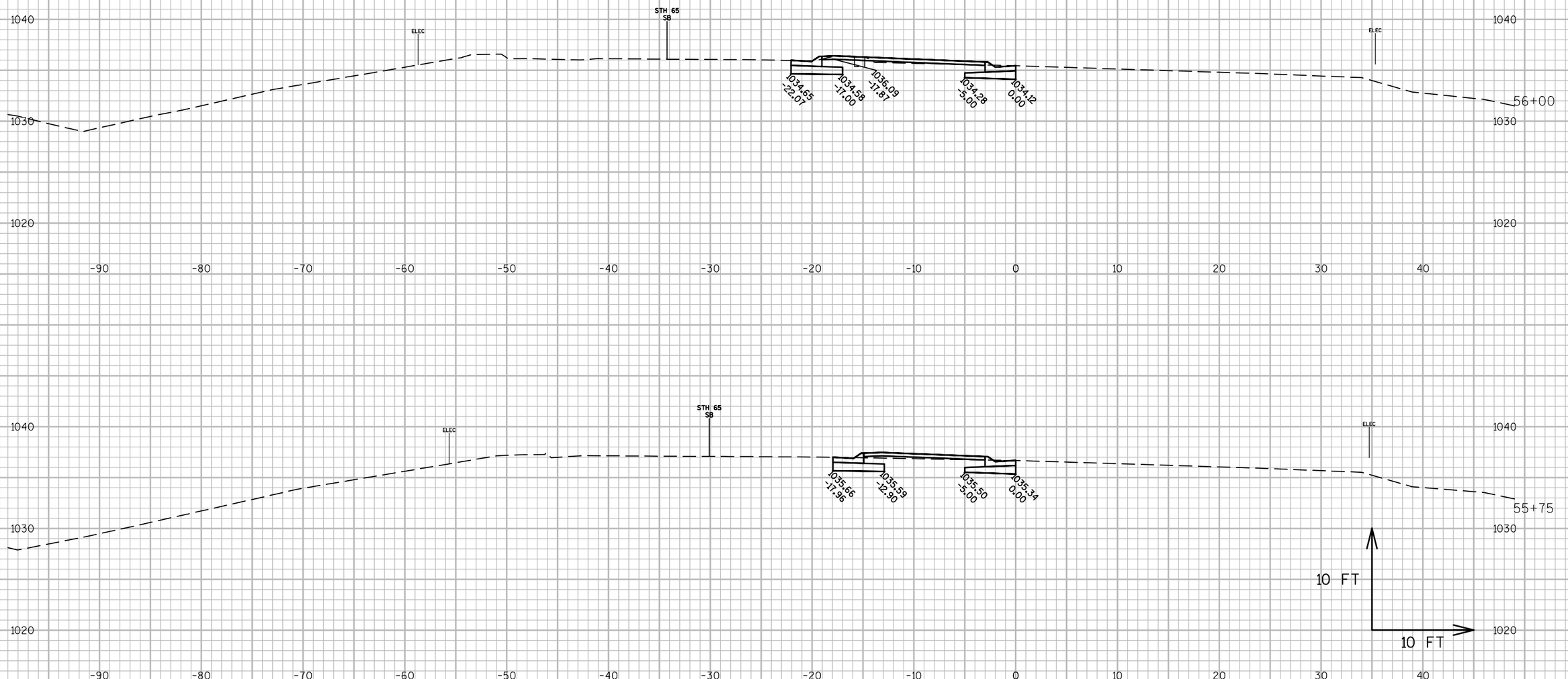
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG
LAYOUT NAME - 65 NB S4S - (3)

PLOT DATE : 5/8/2017 1:26 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



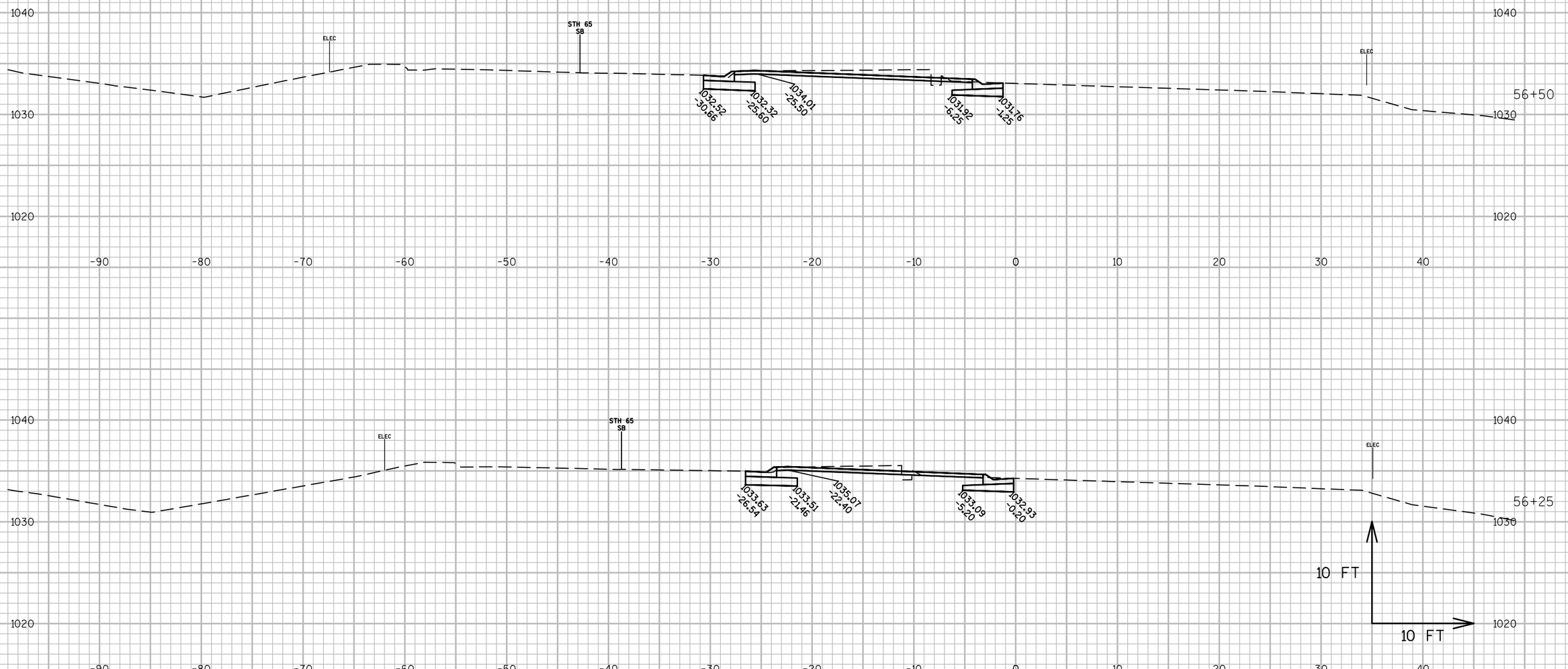
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG
LAYOUT NAME - 65 NB S4S - (4)

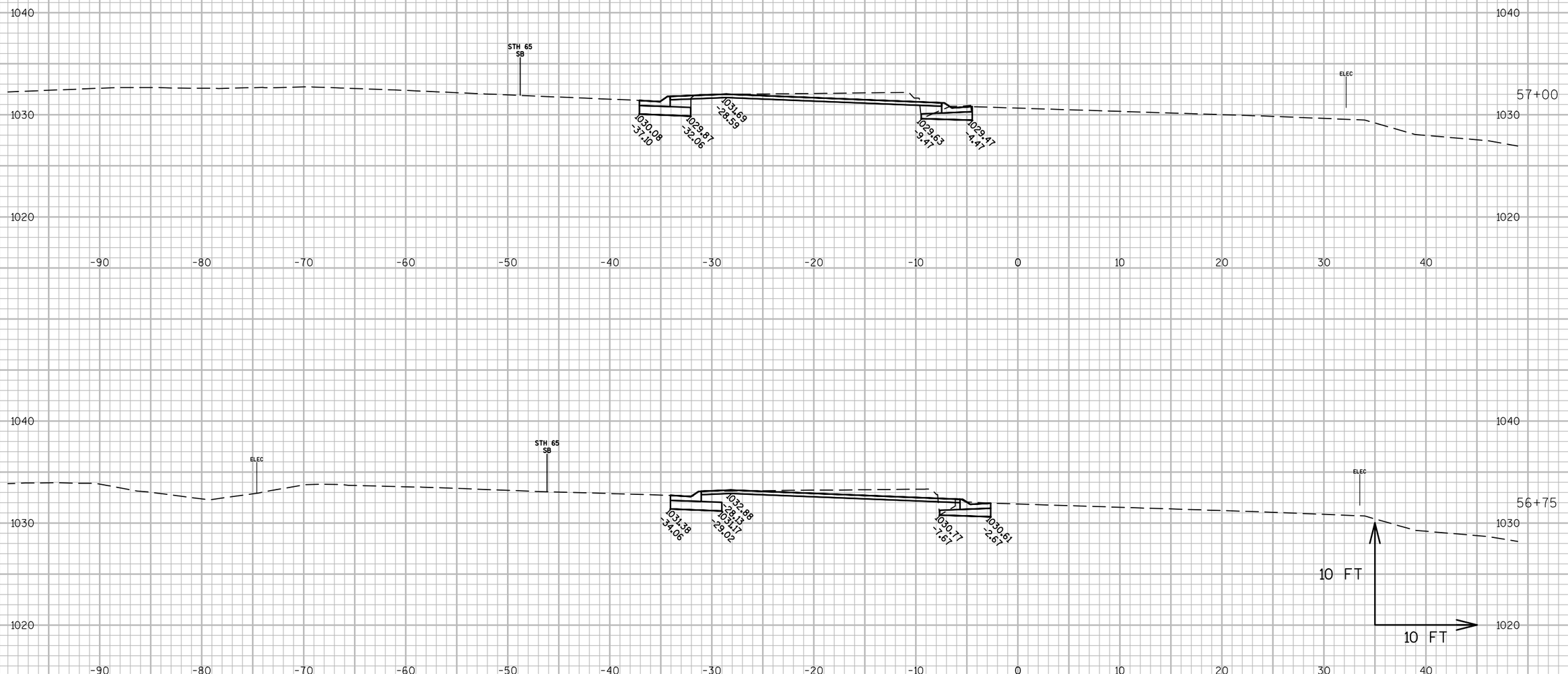
PLOT DATE : 5/8/2017 1:26 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

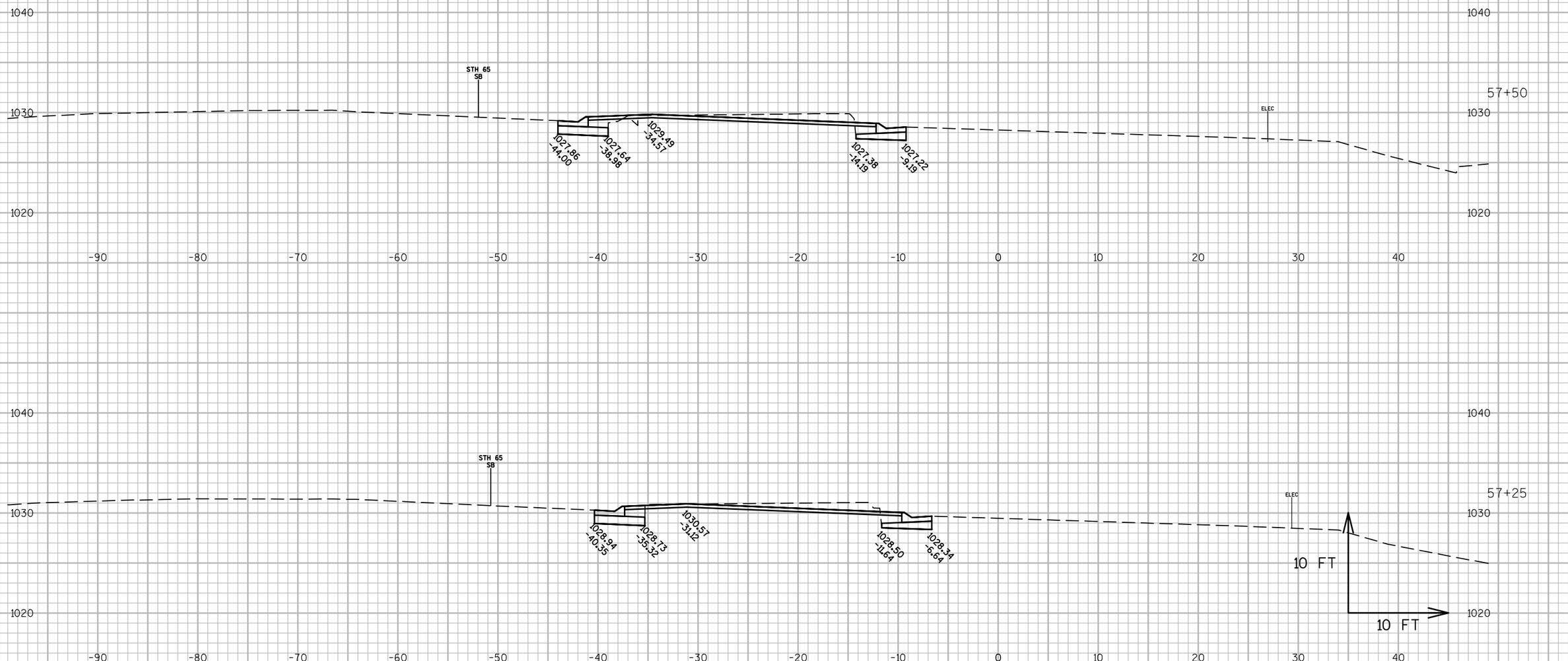
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG PLOT DATE : 5/8/2017 1:26 PM
LAYOUT NAME - 65 NB S4S - (5)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG
LAYOUT NAME - 65 NB S4S - (6)
PLOT DATE : 5/8/2017 1:26 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



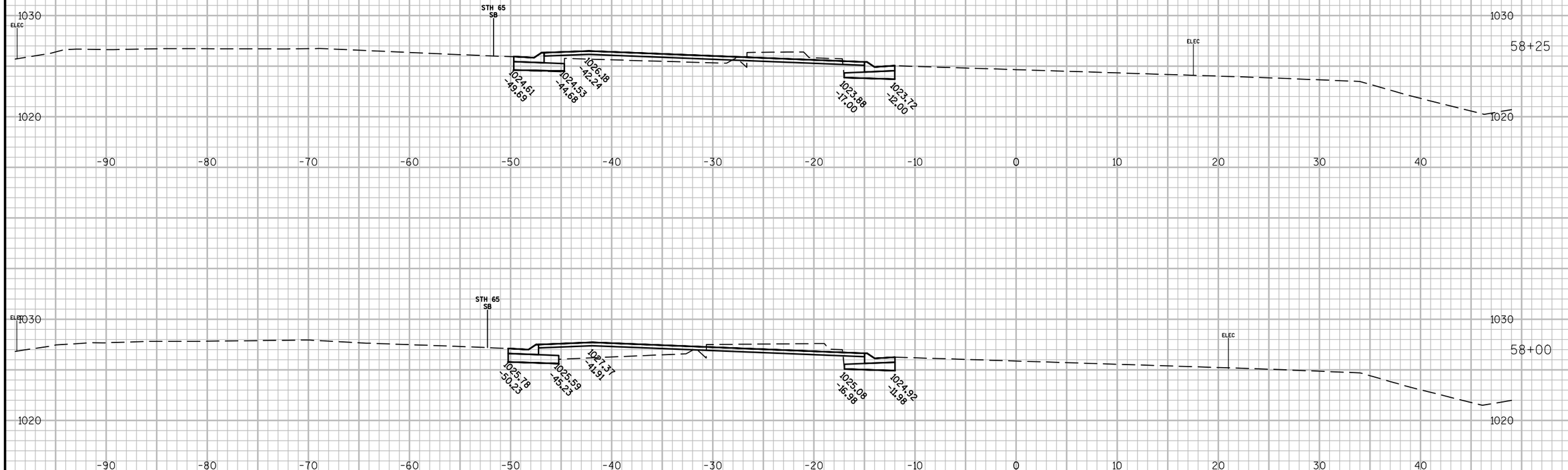
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

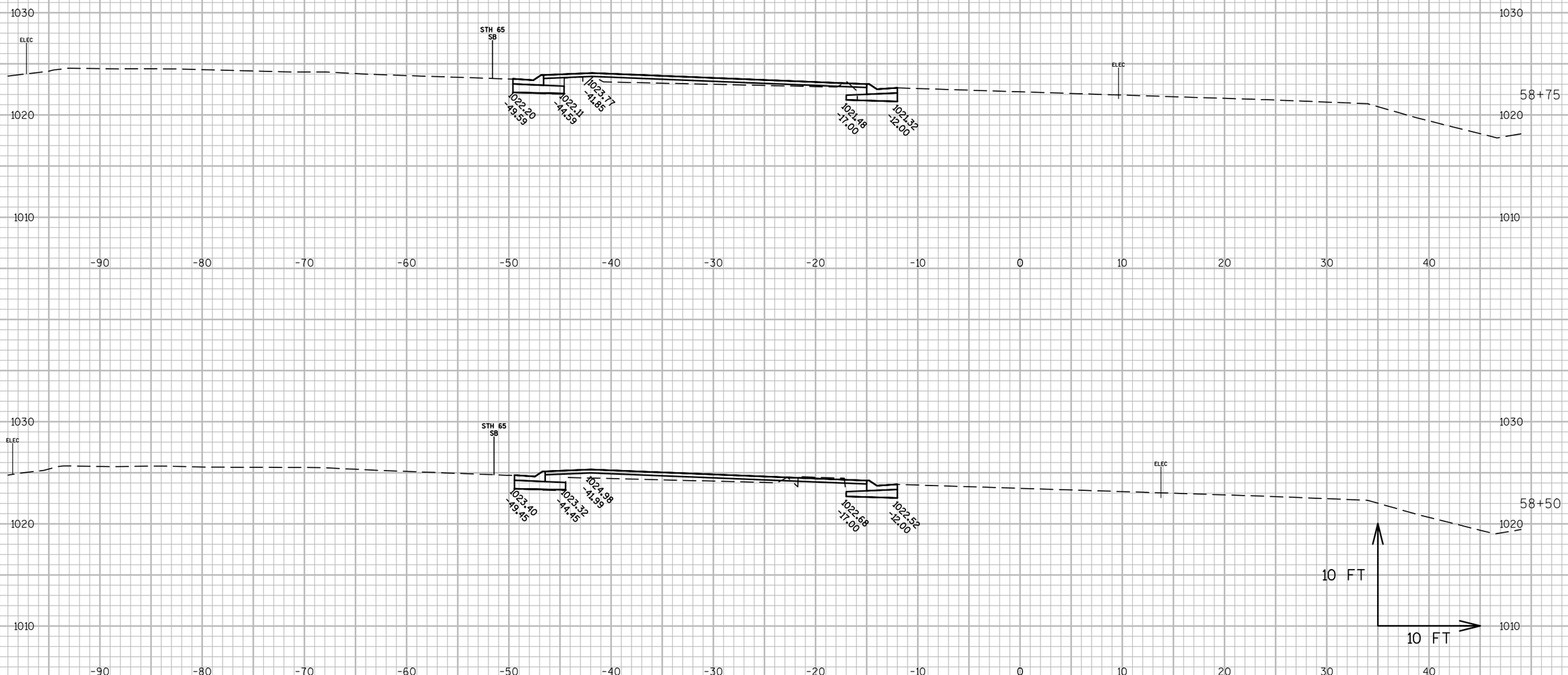
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG PLOT DATE : 5/8/2017 1:27 PM
LAYOUT NAME - 65 NB S4S - (7)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG
LAYOUT NAME - 65 NB S4S - (8)
PLOT DATE : 5/8/2017 1:27 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

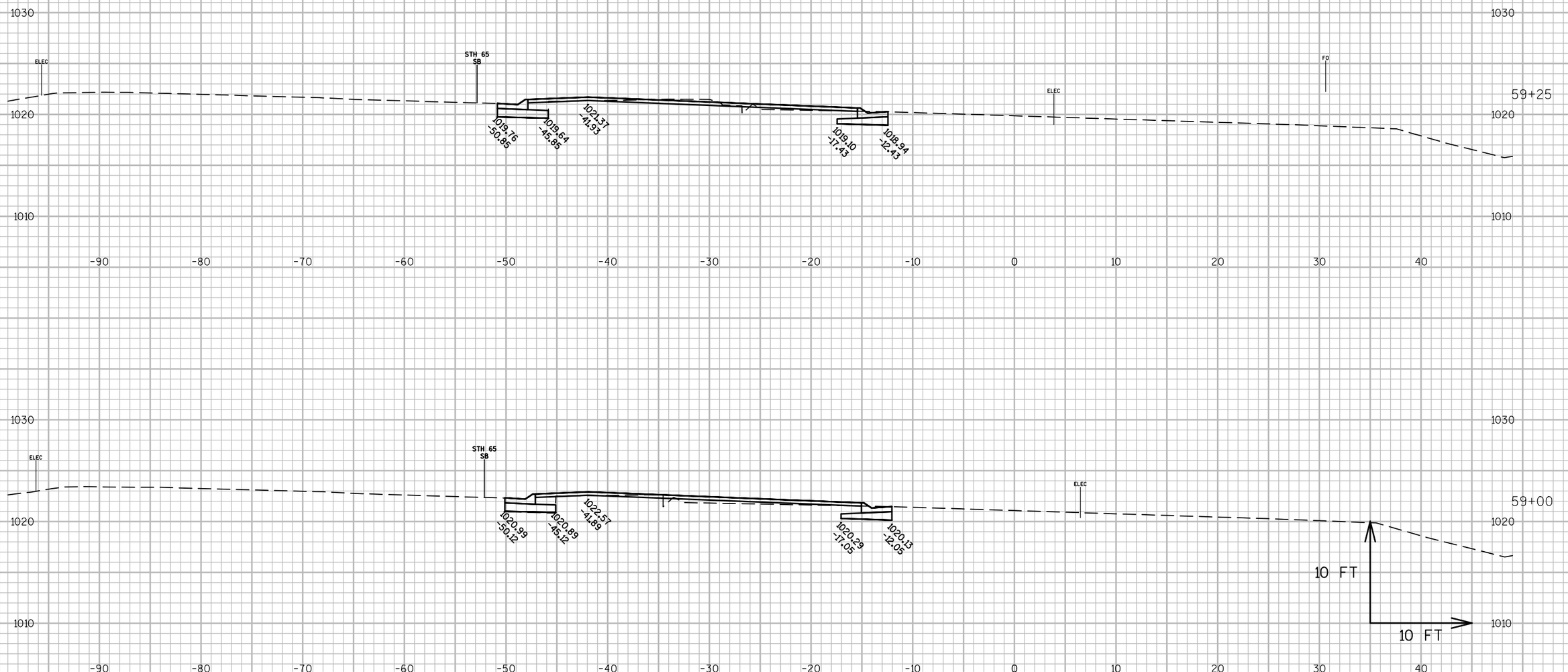


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG
LAYOUT NAME - 65 NB S4S - (9)
PLOT DATE : 5/8/2017 1:27 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



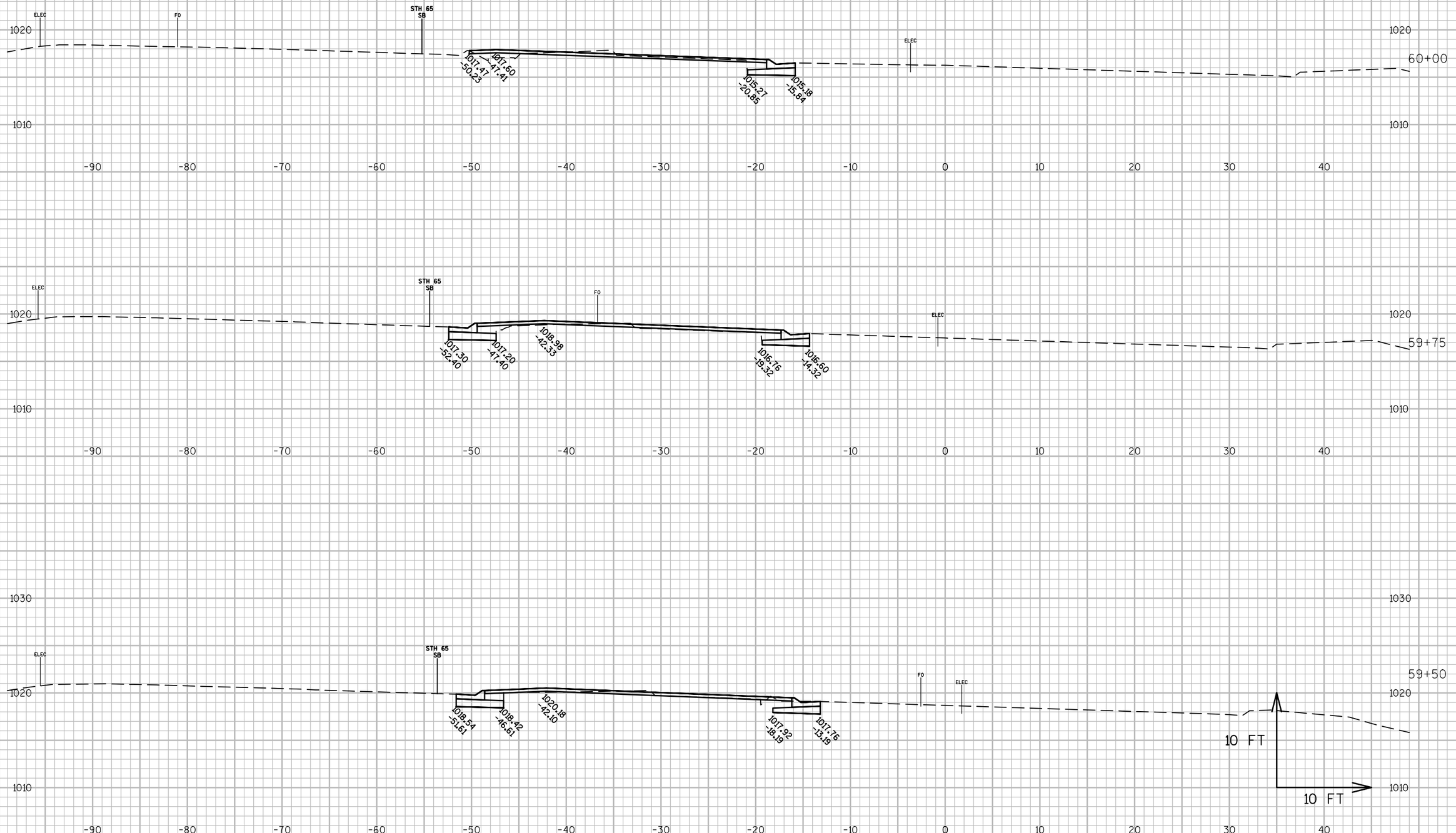
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9

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG PLOT DATE : 5/8/2017 1:27 PM
LAYOUT NAME - 65 NB S4S - (10)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

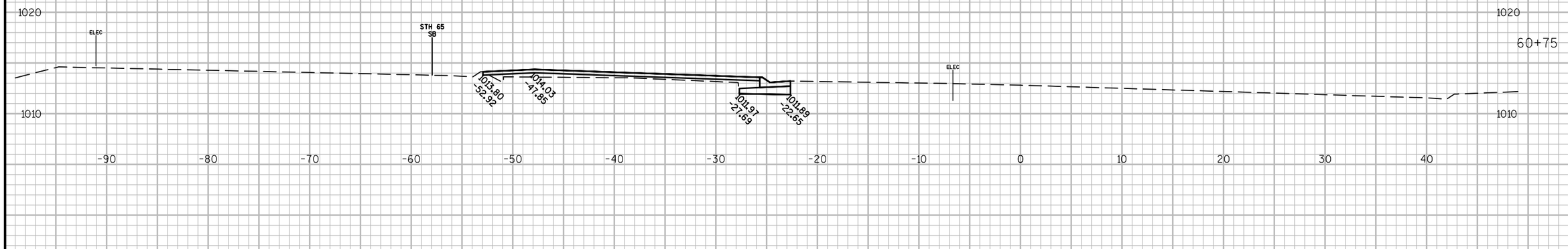


PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

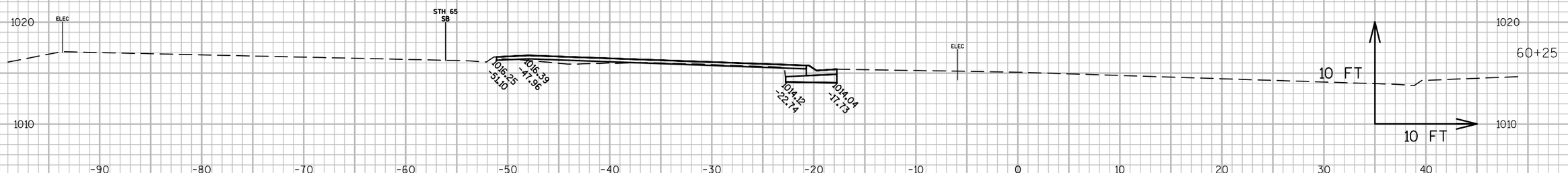
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG PLOT DATE : 5/8/2017 1:27 PM
LAYOUT NAME - 65 NB S4S - (11)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

END CONSTRUCTION STA. 61+50'N'







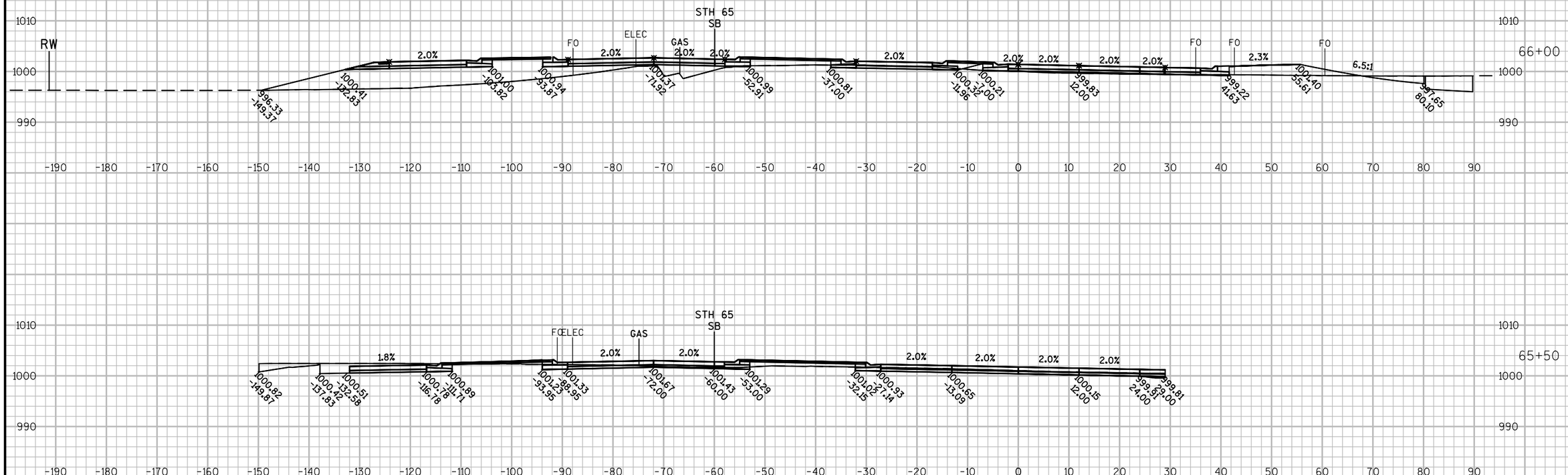
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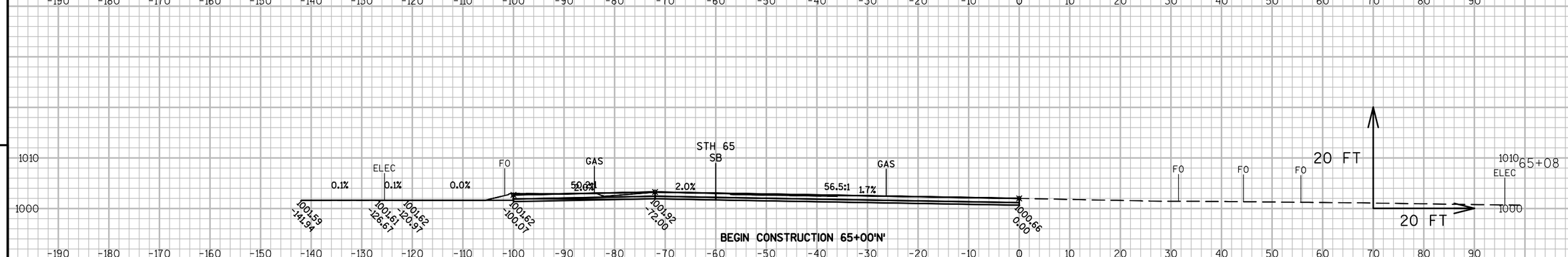
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4 SOUTH MEDIAN)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4S).DWG PLOT DATE : 5/8/2017 1:27 PM
LAYOUT NAME - 65 NB S4S - (12)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:10 FT

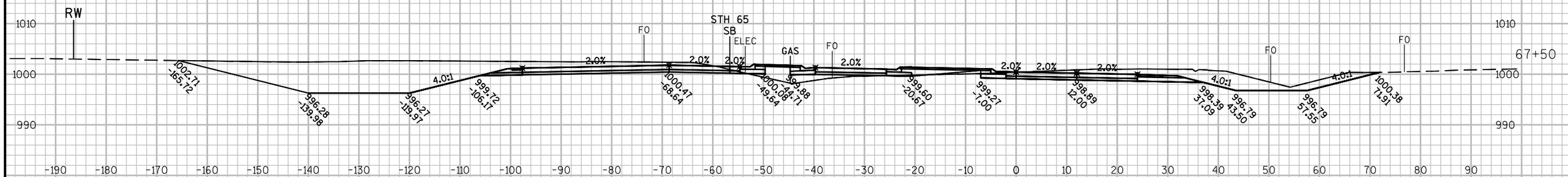


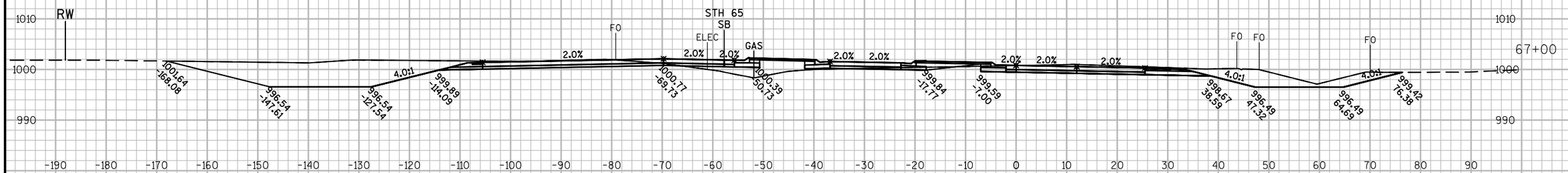


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:33 PM
LAYOUT NAME - 65NBS4 - (1)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT





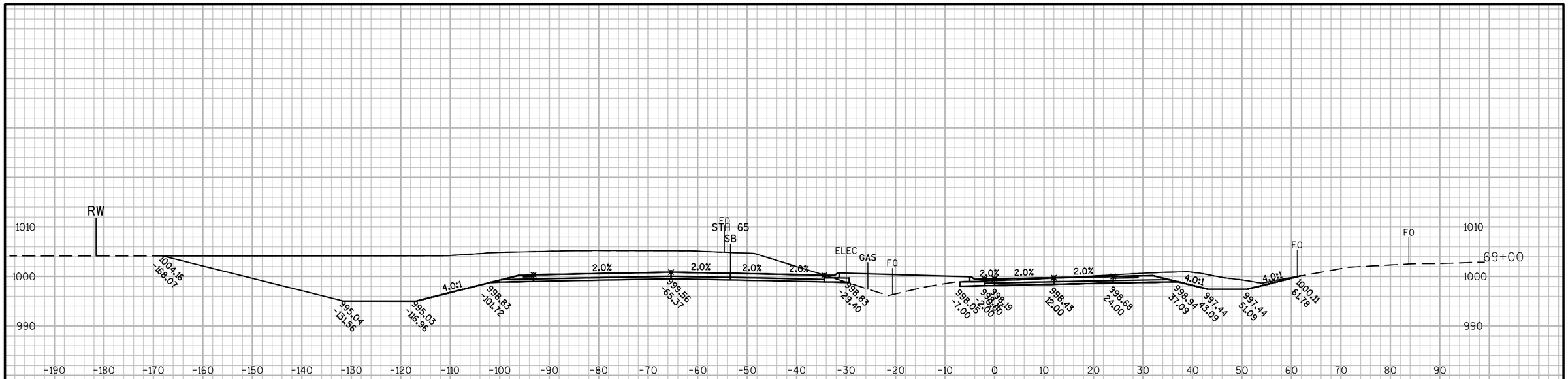


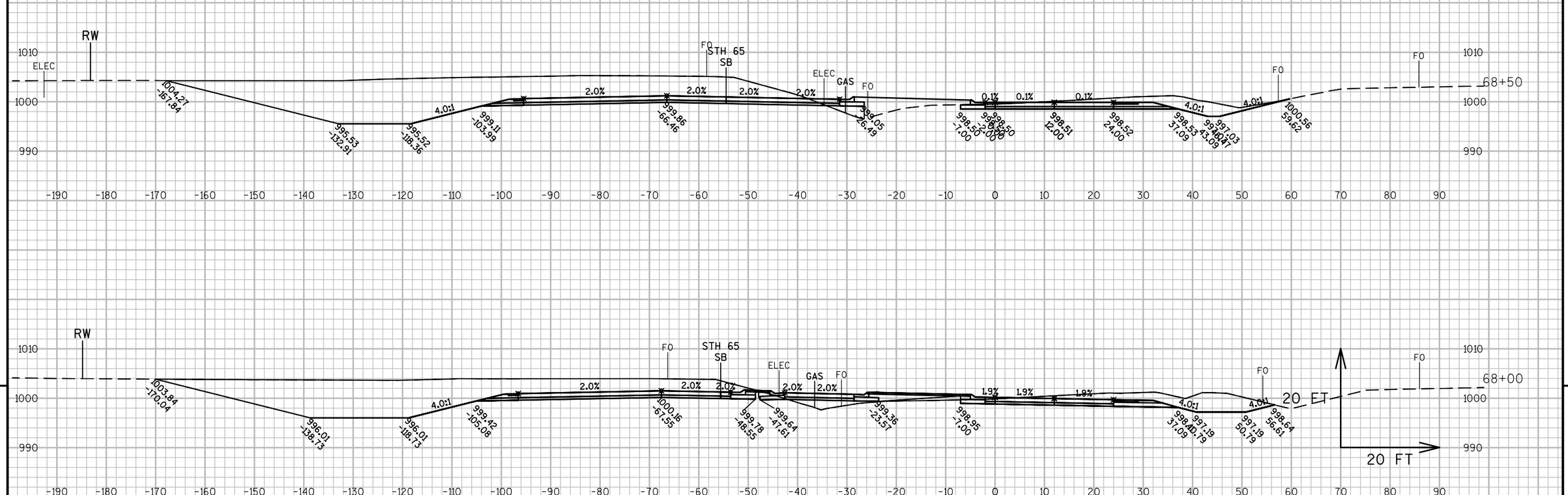
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:33 PM
LAYOUT NAME - 65NBS4 - (2)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



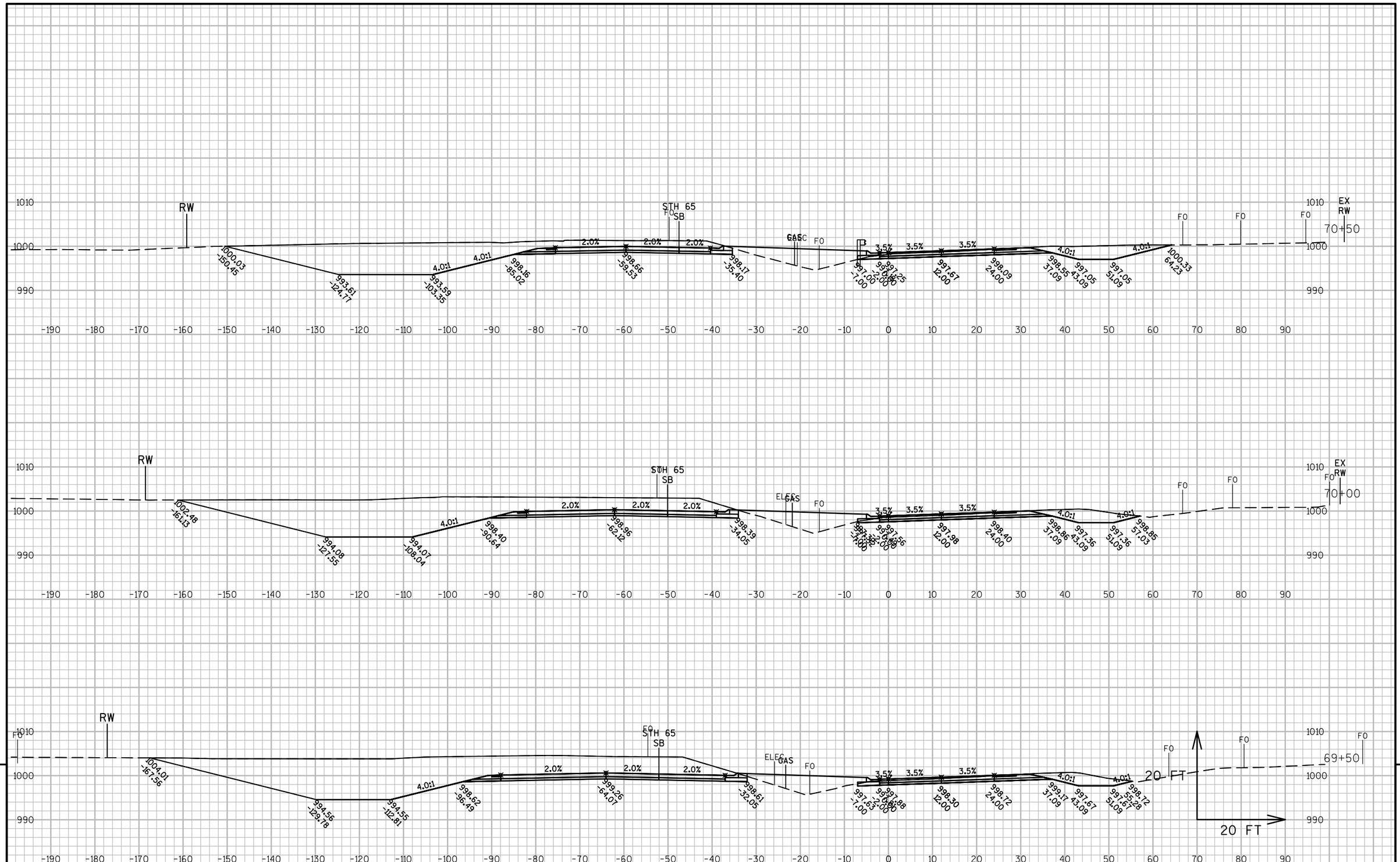


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:33 PM
LAYOUT NAME - 65NBS4 - (3)
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT



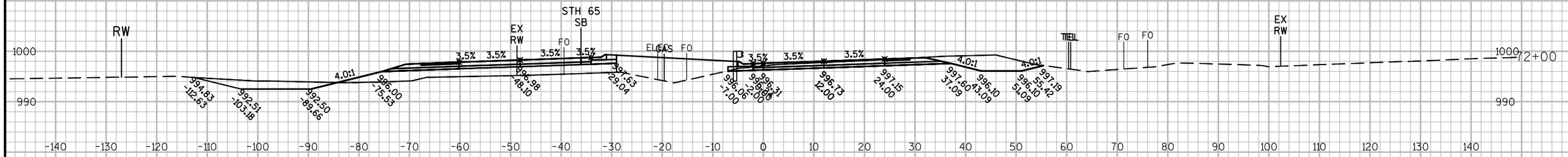
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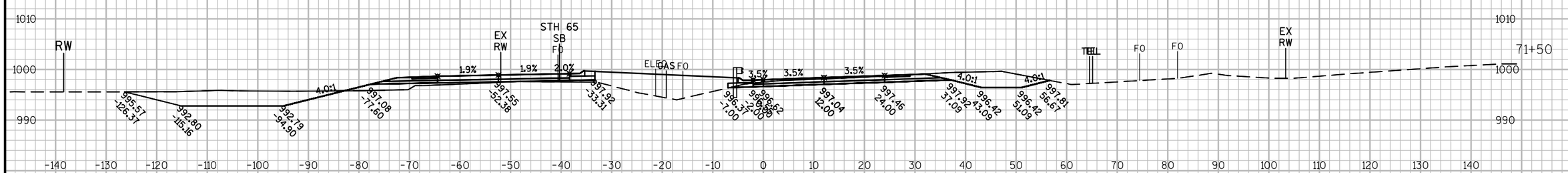
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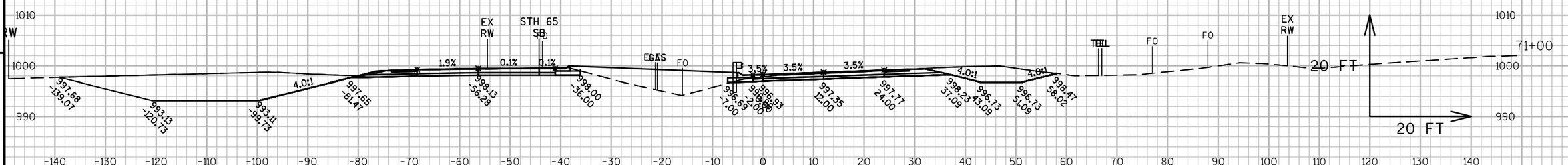
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:33 PM
LAYOUT NAME - 65NBS4 - (4)
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

OVERHEAD SIGN SUPPORT S-55-054
STA. 72+30'S'





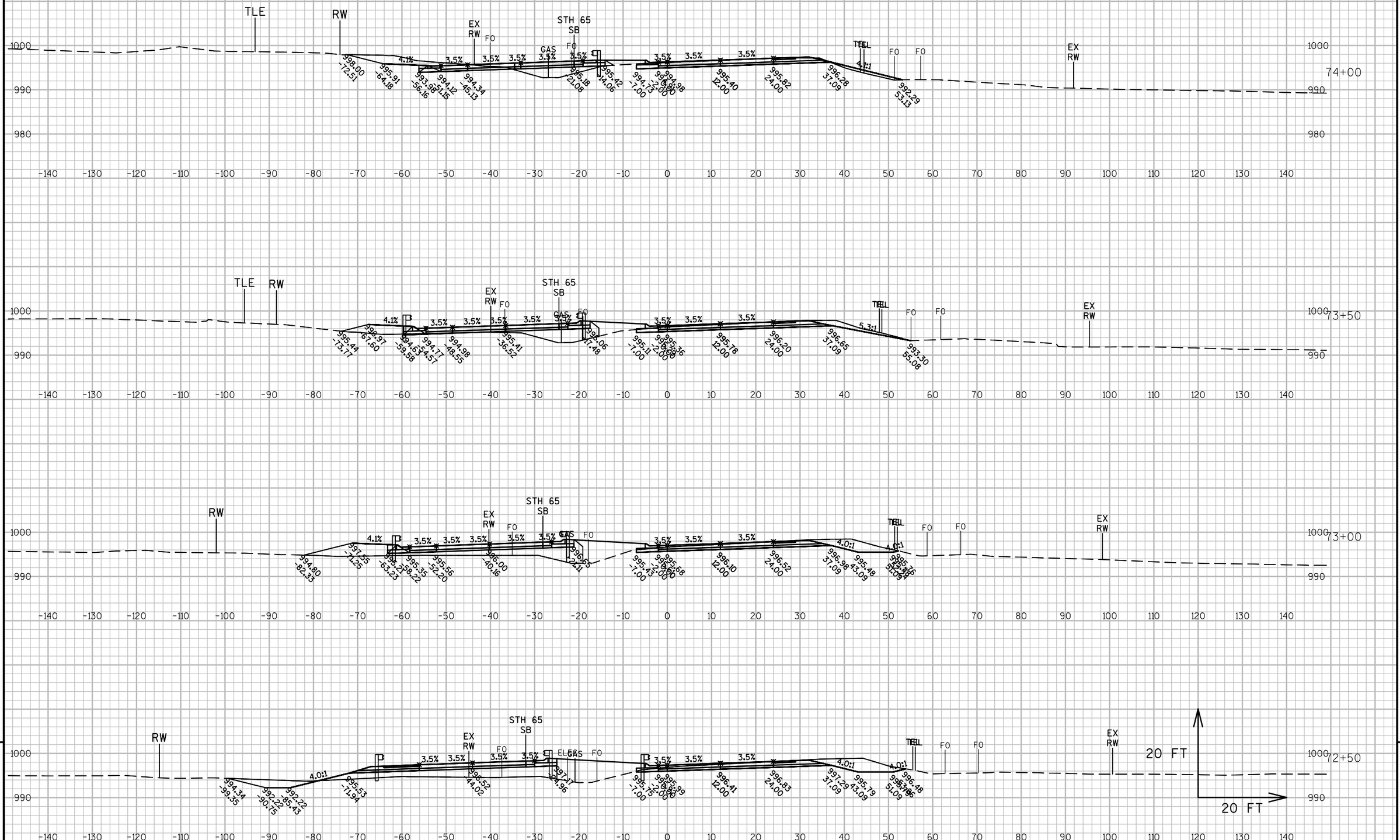


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:34 PM
LAYOUT NAME - 65NBS4- (5)
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

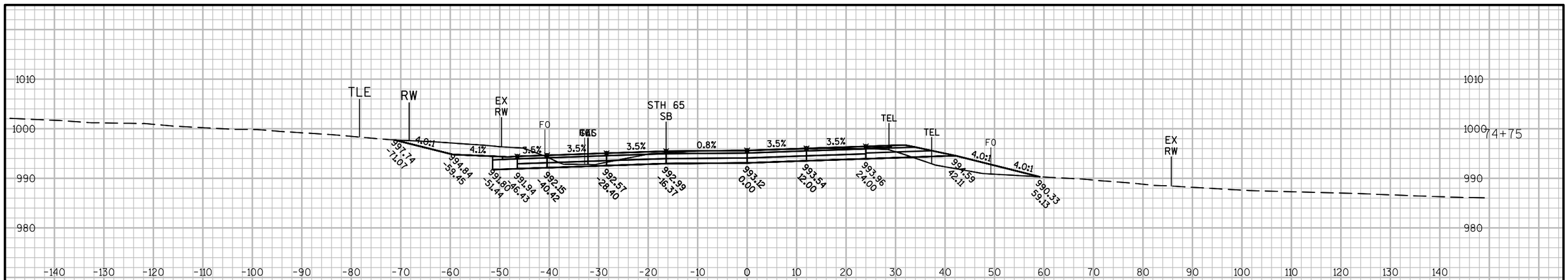


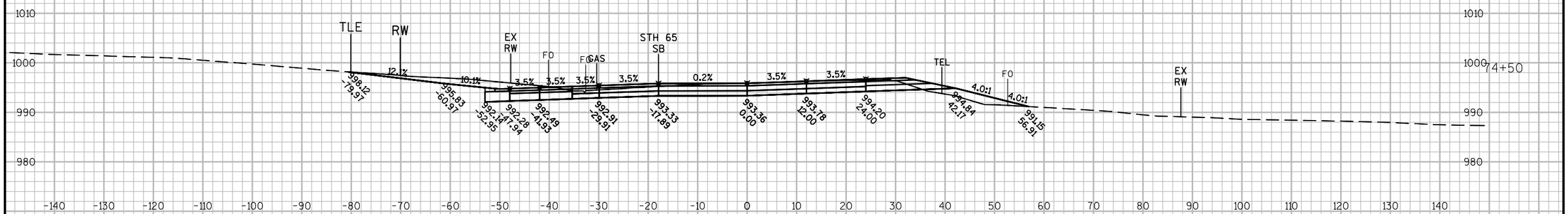
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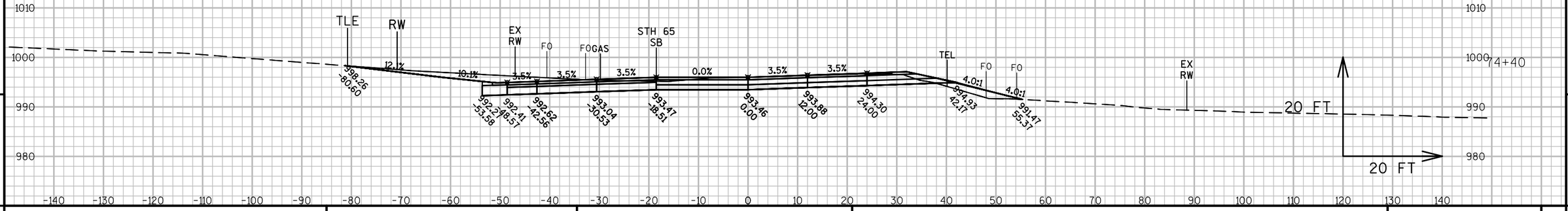
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:34 PM
LAYOUT NAME - 65NBS4- (6)
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT





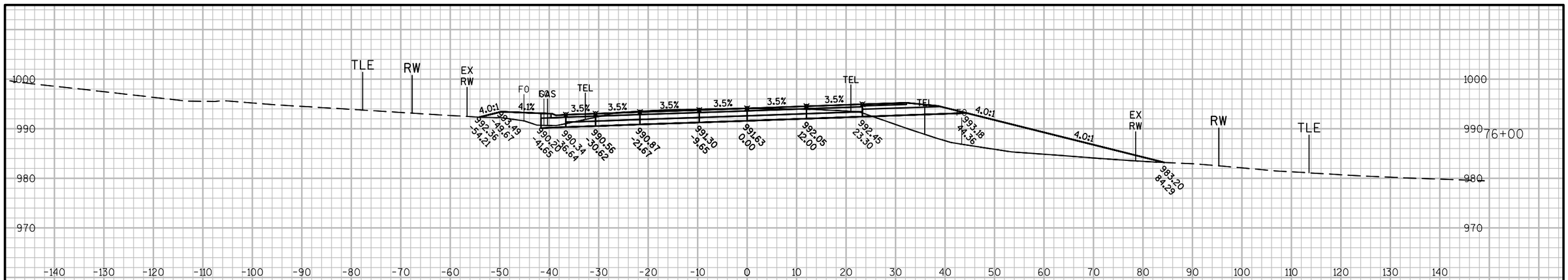
STA. 74+39'S'
RECONSTRUCT P.E. LT

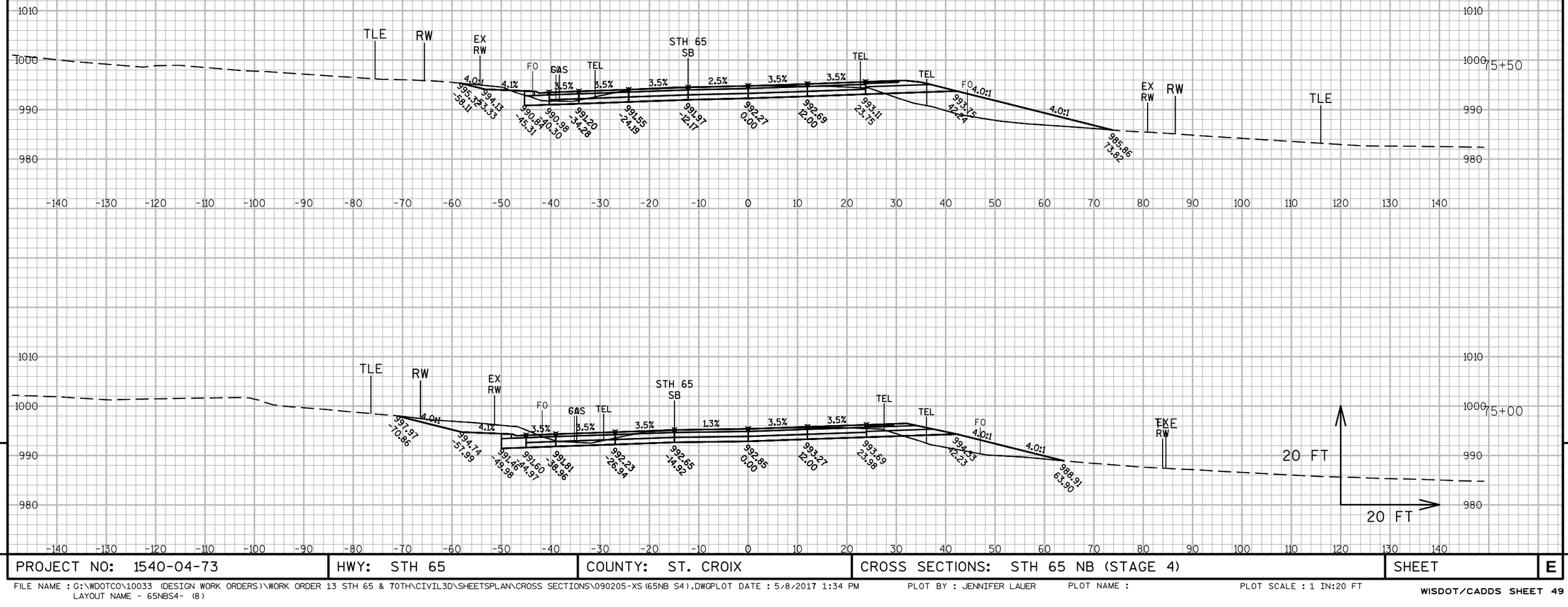


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:34 PM
LAYOUT NAME - 65NBS4- (7)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT





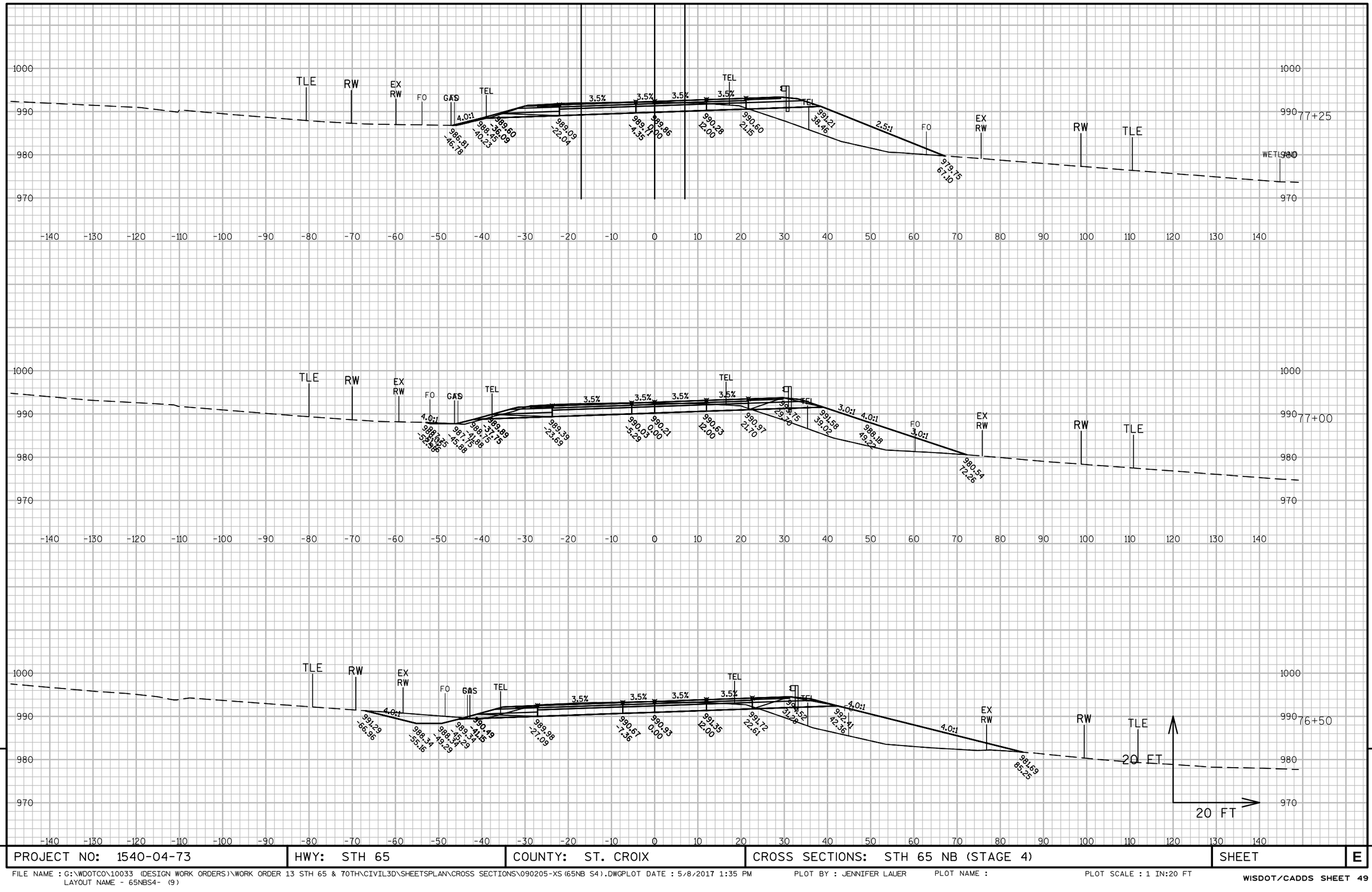
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:34 PM
LAYOUT NAME - 65NBS4- (8)

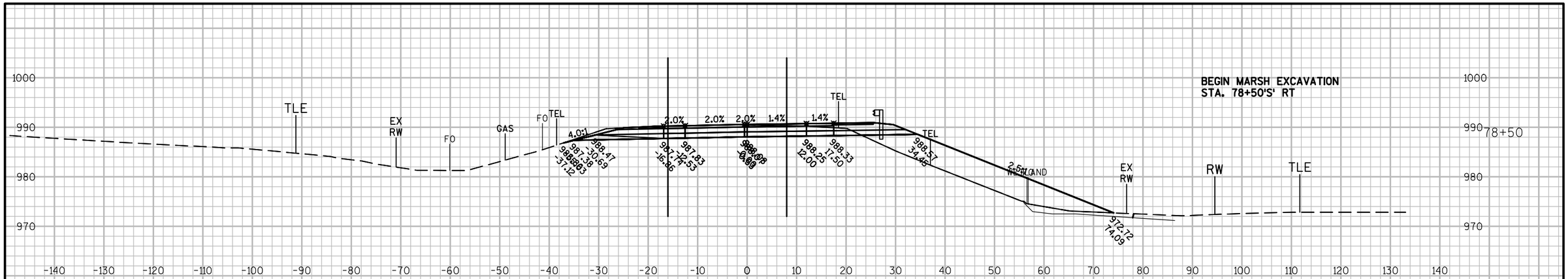
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

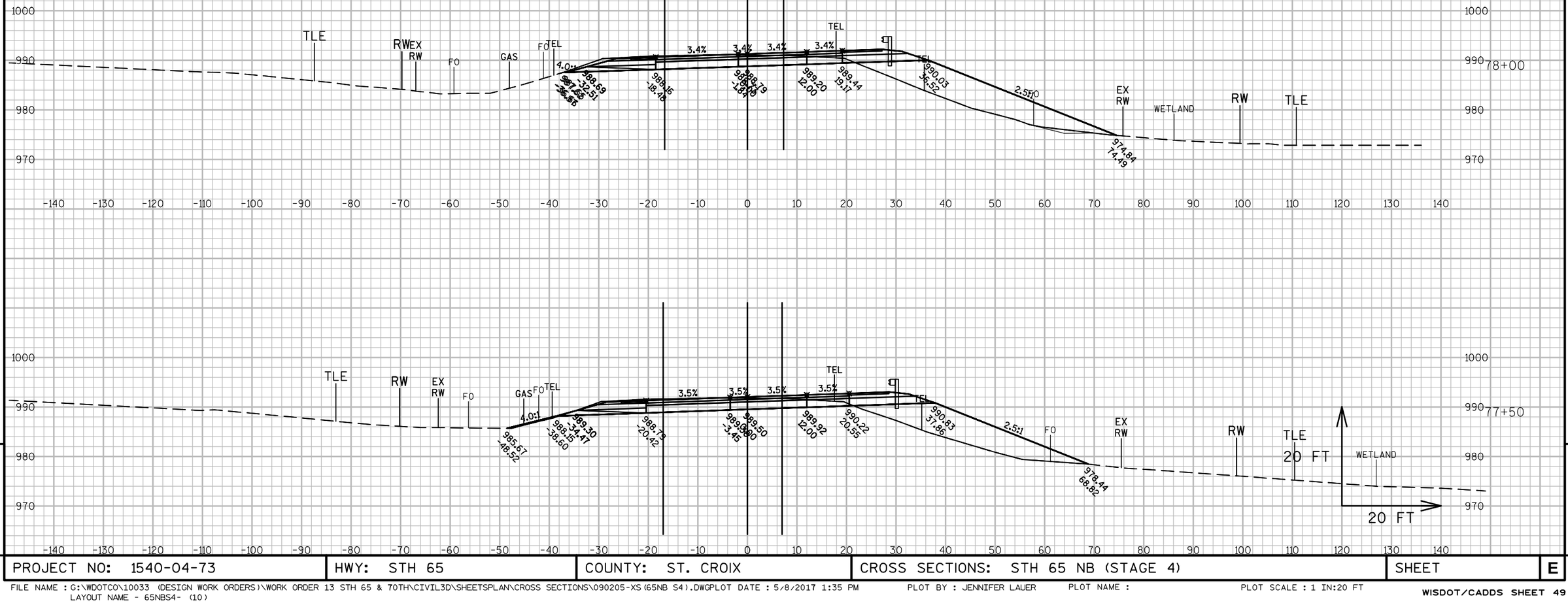


PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

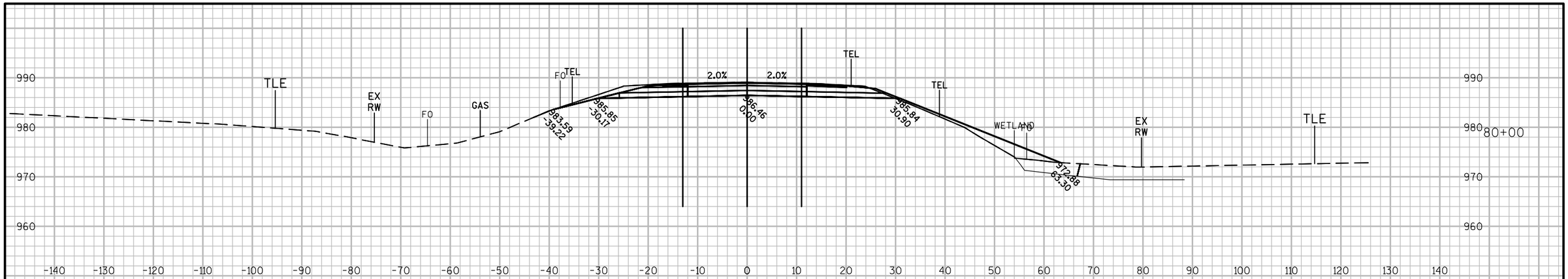
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LAYOUT NAME - 65NBS4- (9)

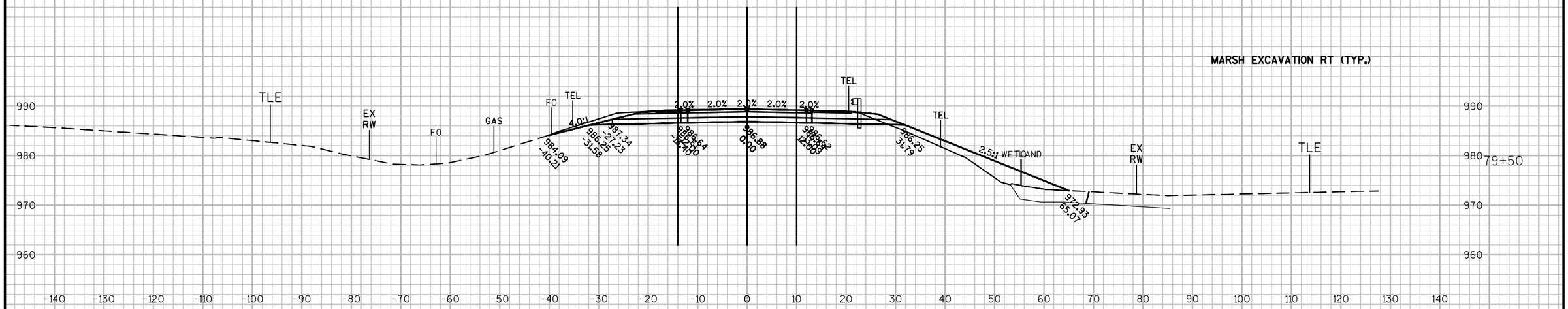
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

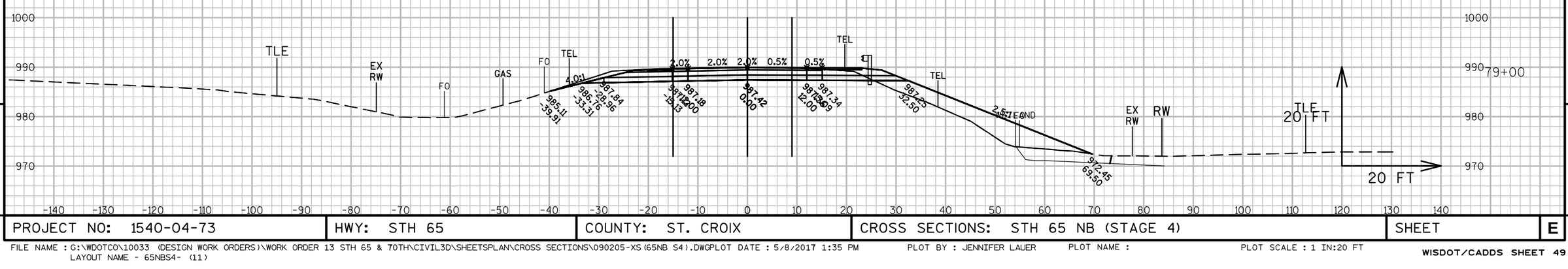




PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E







9

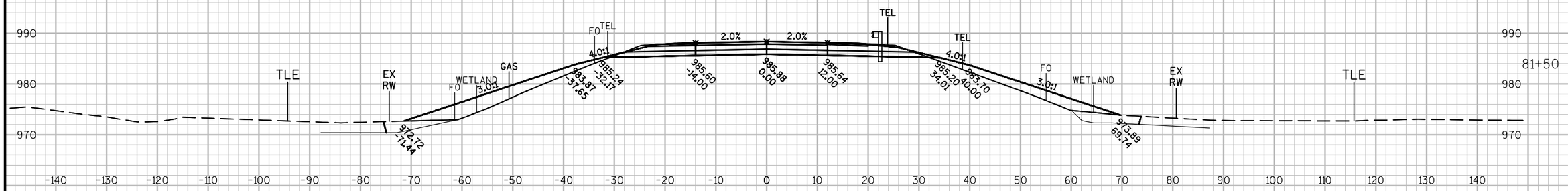
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

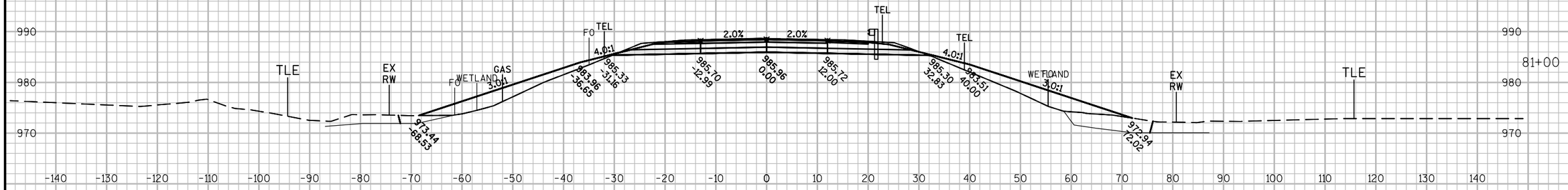
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LAYOUT NAME - 65NBS4- (11)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

END MARSH EXCAVATION
STA. 81+75'S' RT



BEGIN MARSH EXCAVATION
STA. 81+00'S' LT



STA. 80+67'S'
30-INCH CP CLASS III REQ'D.
EXTEND LT - 6' / EXTEND RT - 8'



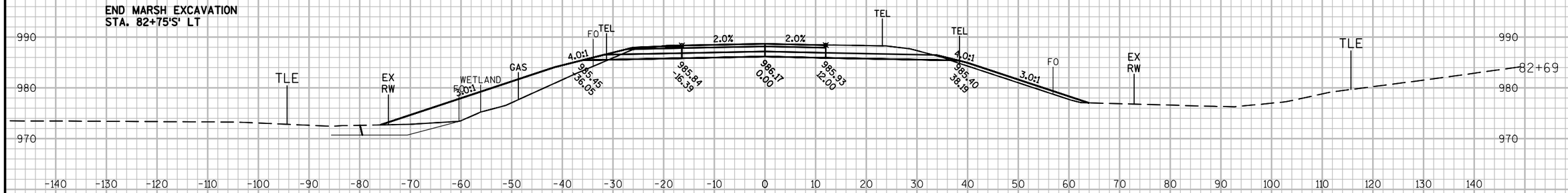
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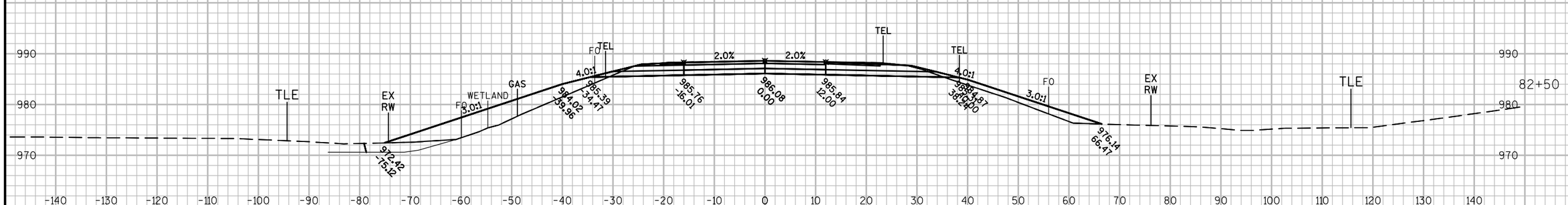
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET E

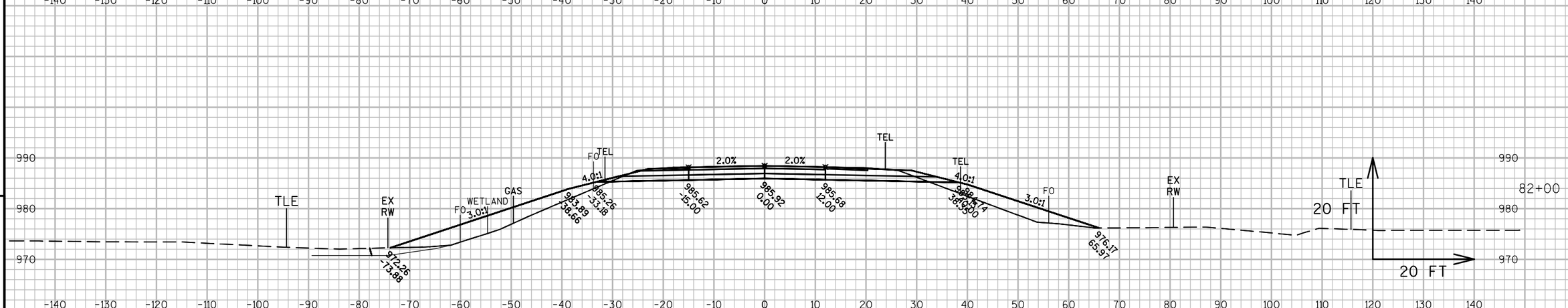
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LAYOUT NAME - 65NBS4- (12)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION STA. 83+00'N'

END MARSH EXCAVATION
STA. 82+75'S' LT







9

9

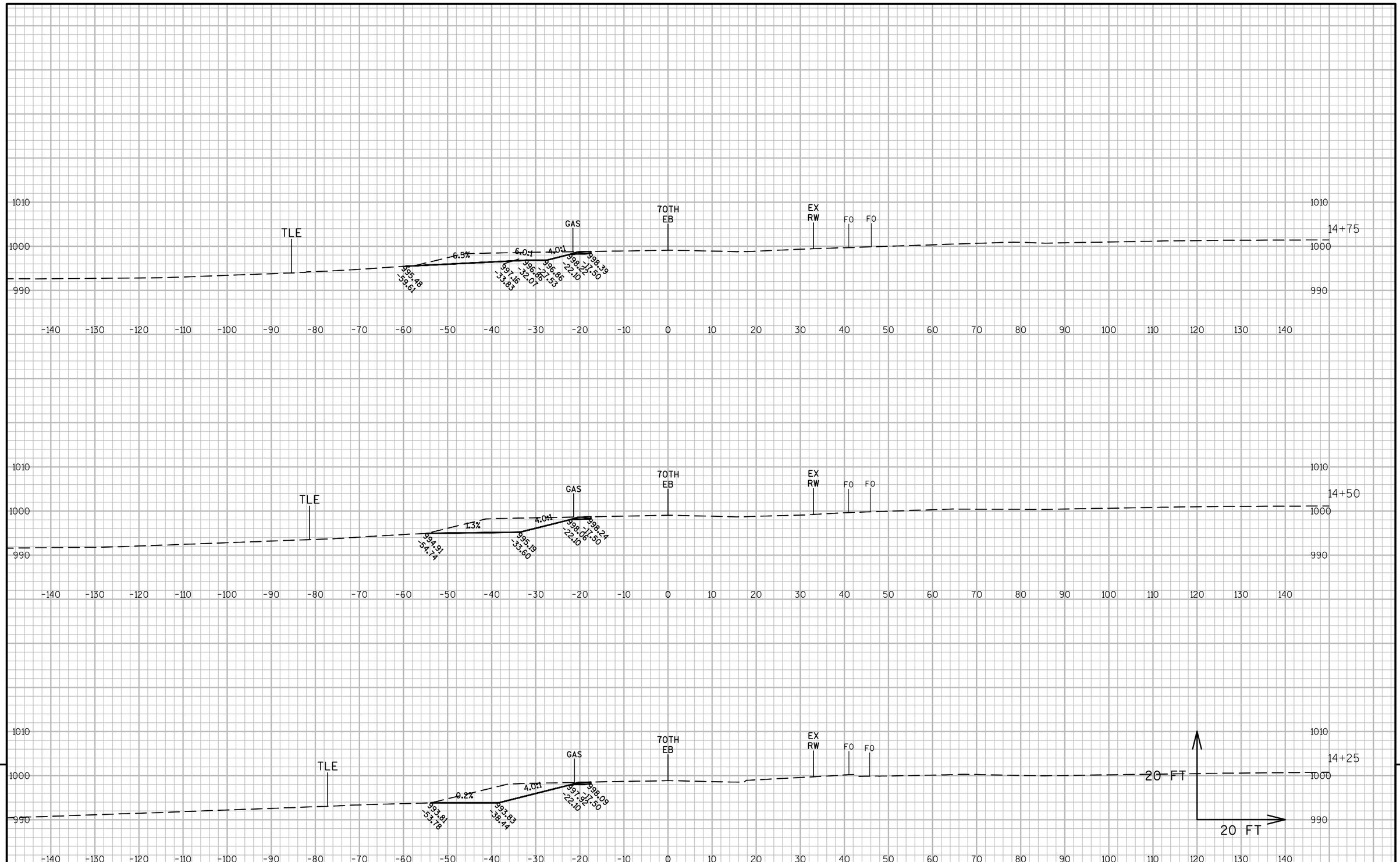
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: STH 65 NB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(65NB S4).DWGPLOT DATE : 5/8/2017 1:35 PM
LAYOUT NAME - 65NBS4- (13)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG DATE : 5/8/2017 1:42 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - 70 WB S4 - (1)

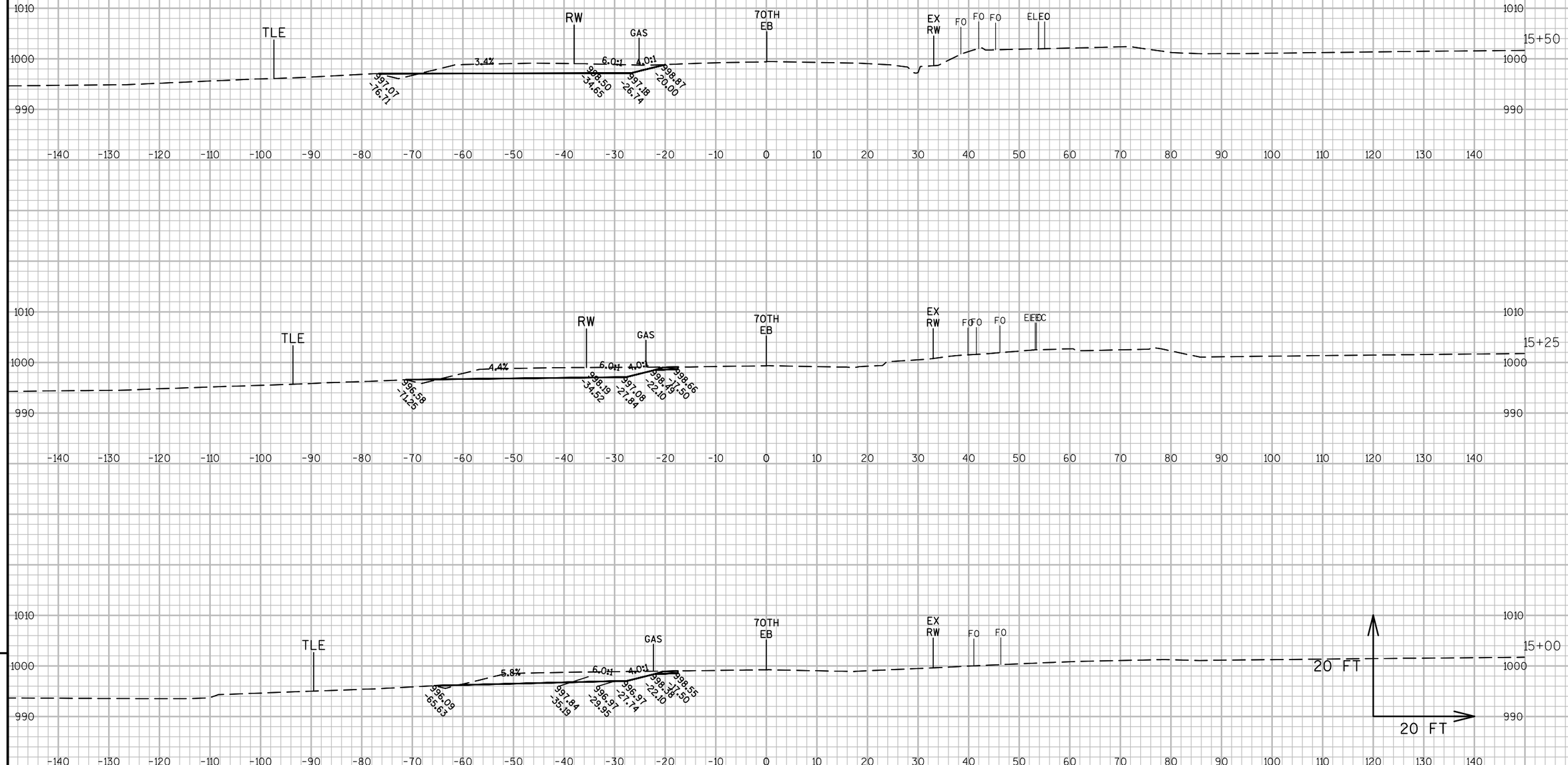


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG DATE : 5/8/2017 1:43 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - 70 WB S4 - (2)

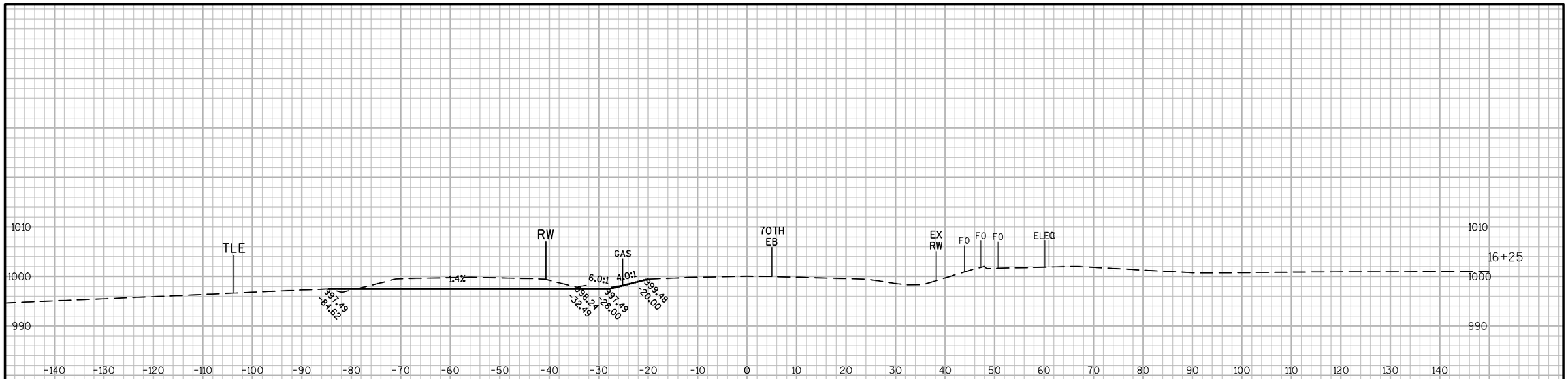


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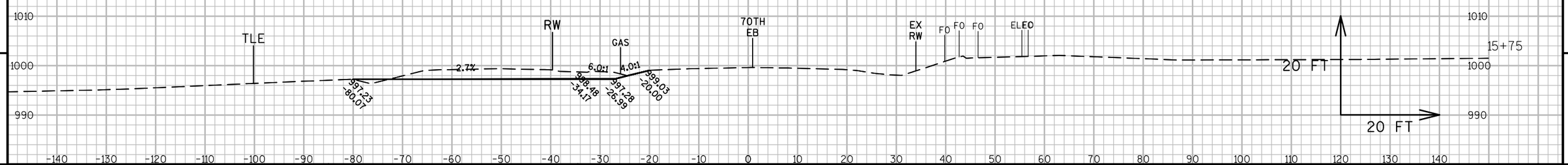
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG DATE : 5/8/2017 1:43 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - 70 WB S4 - (3)







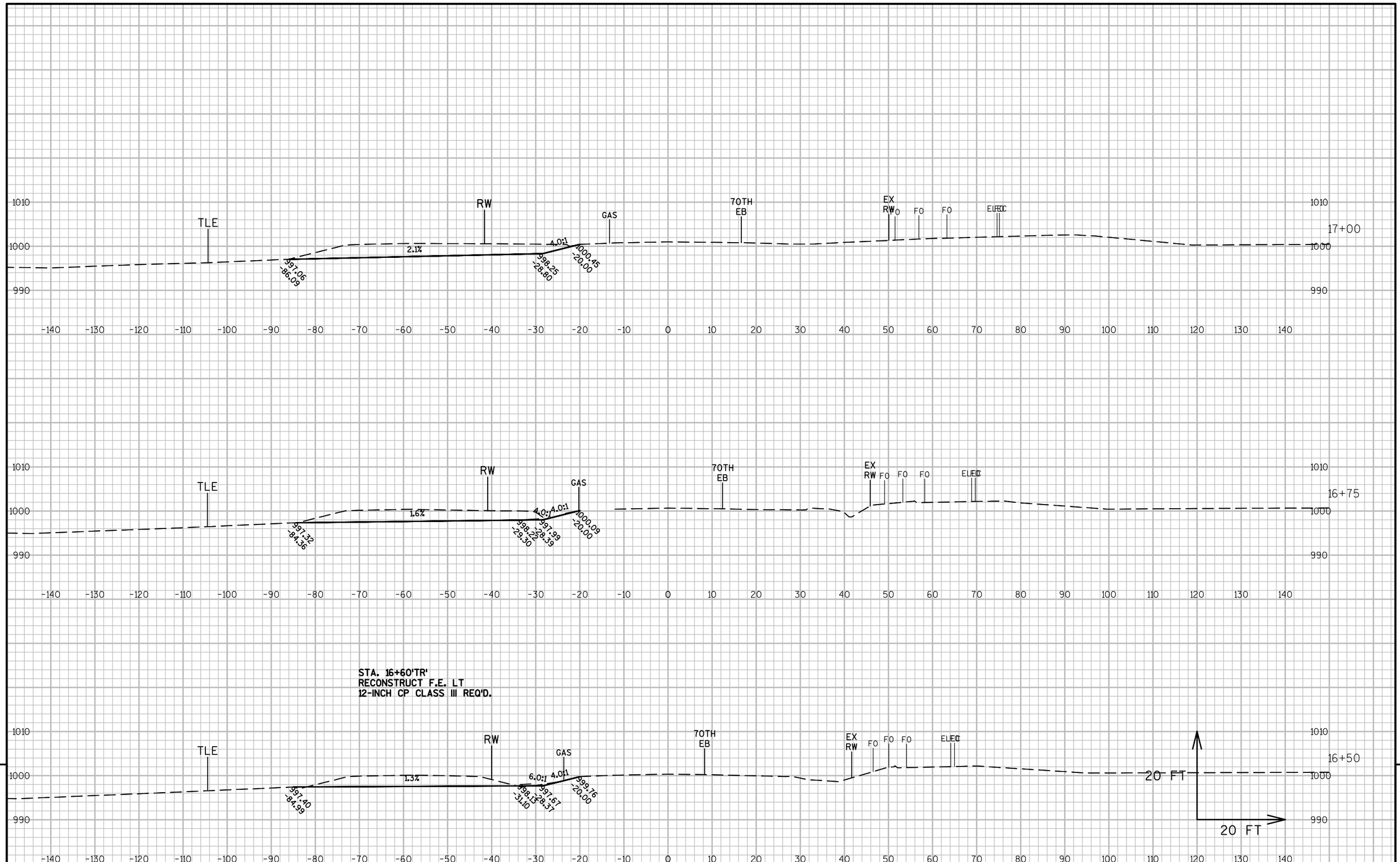
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG DATE : 5/8/2017 1:43 PM
LAYOUT NAME - 70 WB S4 - (4)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

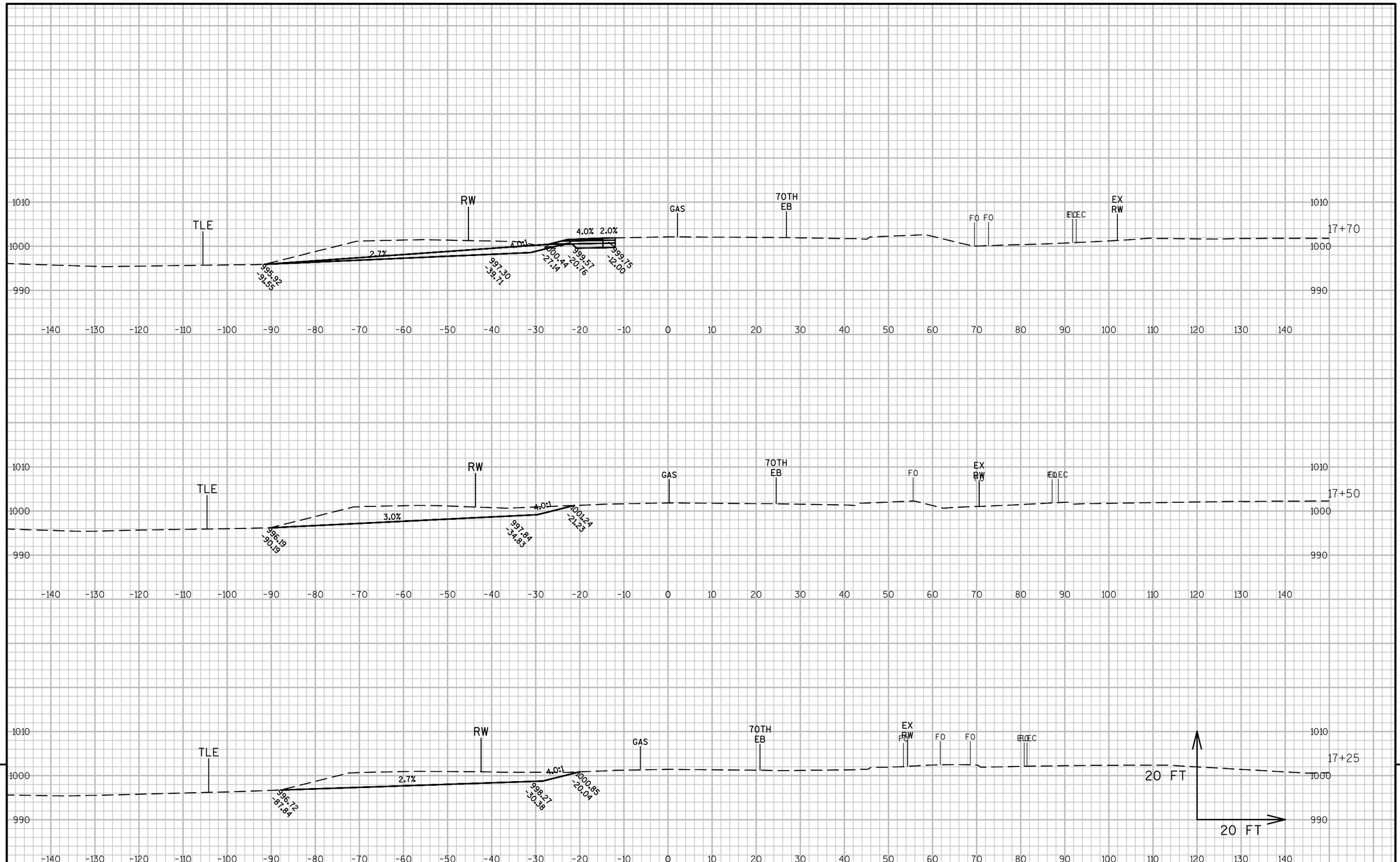


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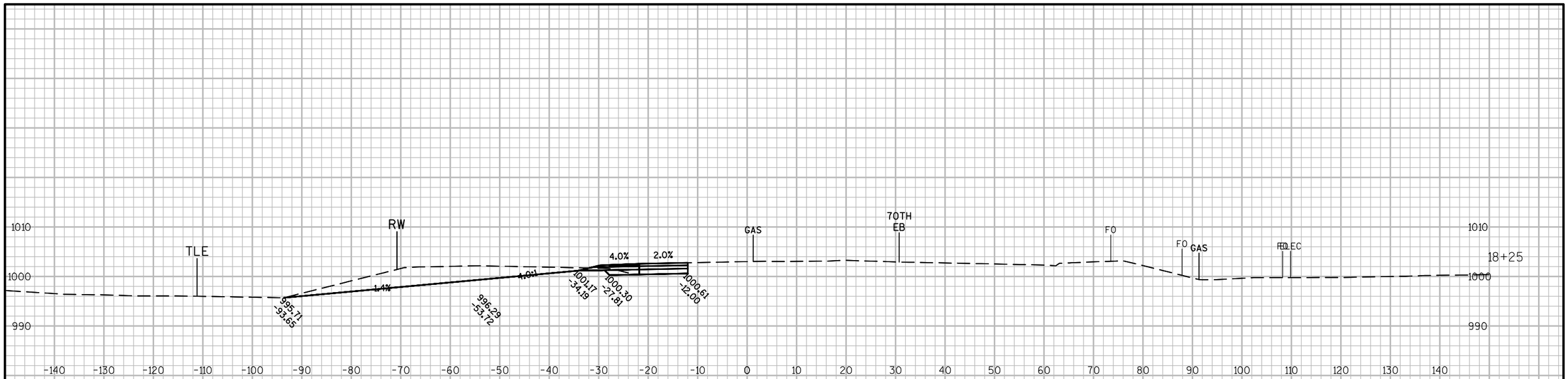
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET	E

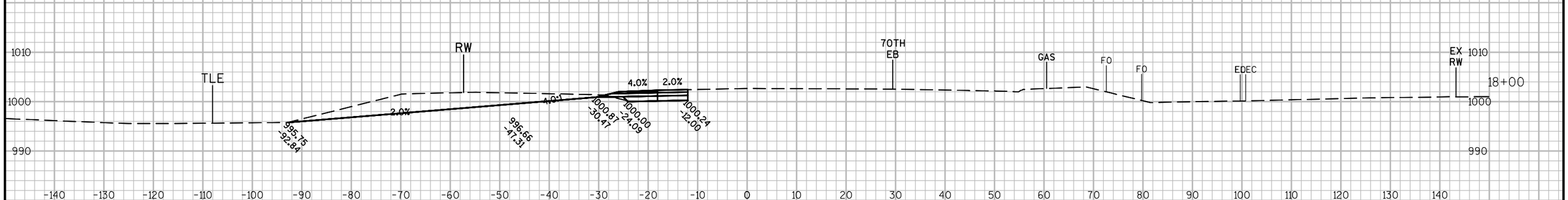
FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG LAYOUT NAME - 70 WB S4 - (5)
DATE : 5/8/2017 1:43 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

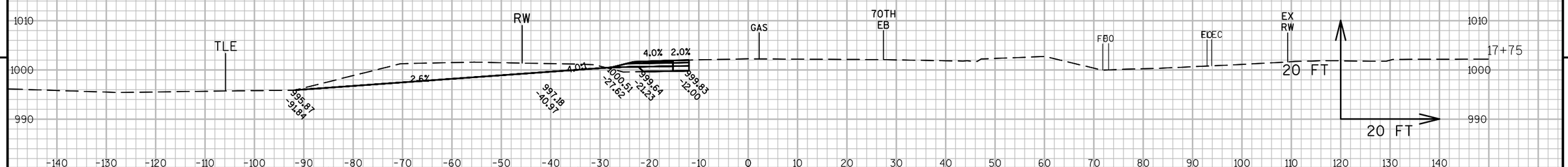


PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG DATE : 5/8/2017 1:43 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - 70 WB S4 - (6)







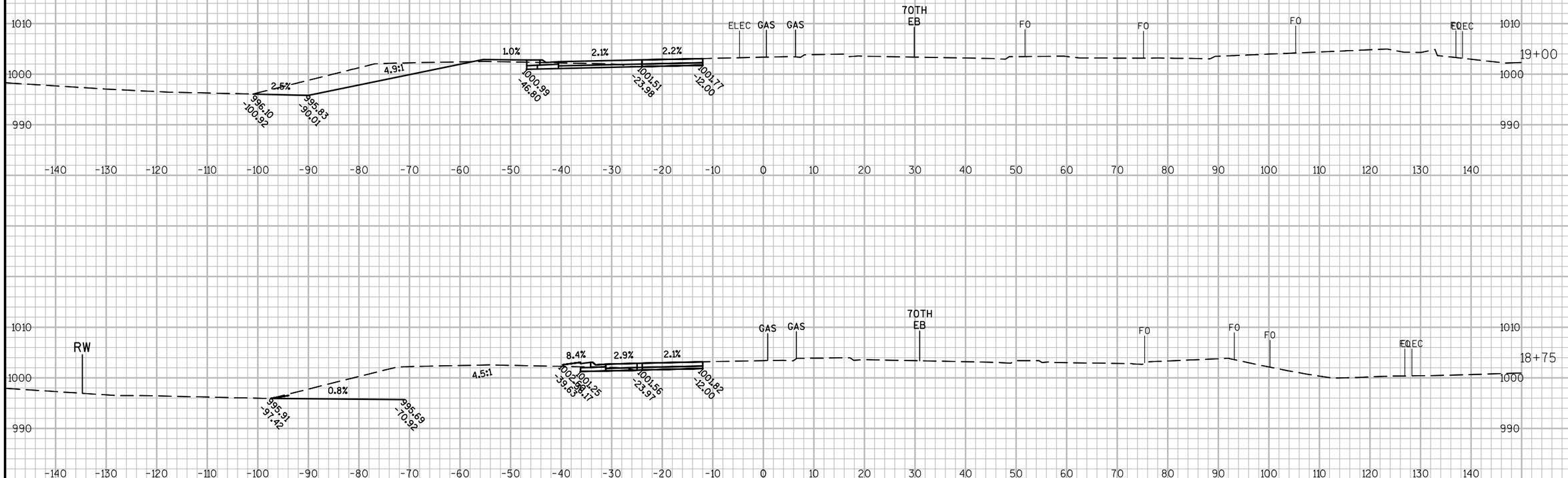
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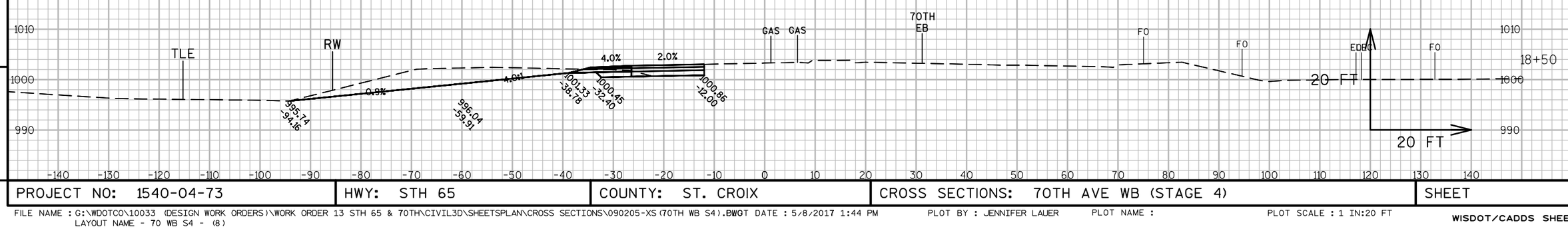
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG DATE : 5/8/2017 1:44 PM
LAYOUT NAME - 70 WB S4 - (7)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

END CONSTRUCTION 19+50'W'





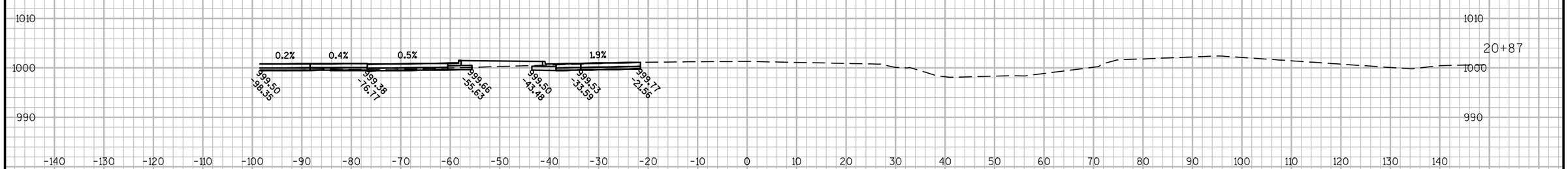
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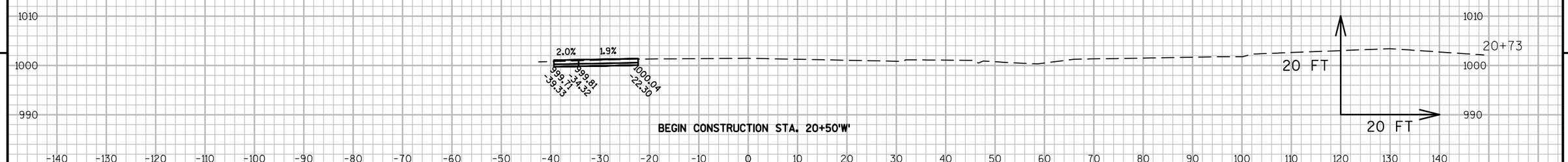
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE WB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(70TH WB S4).DWG LAYOUT NAME - 70 WB S4 - (8)
DATE : 5/8/2017 1:44 PM
PLOT BY : JENNIFER LAUER
PLOT NAME :
PLOT SCALE : 1 IN:20 FT





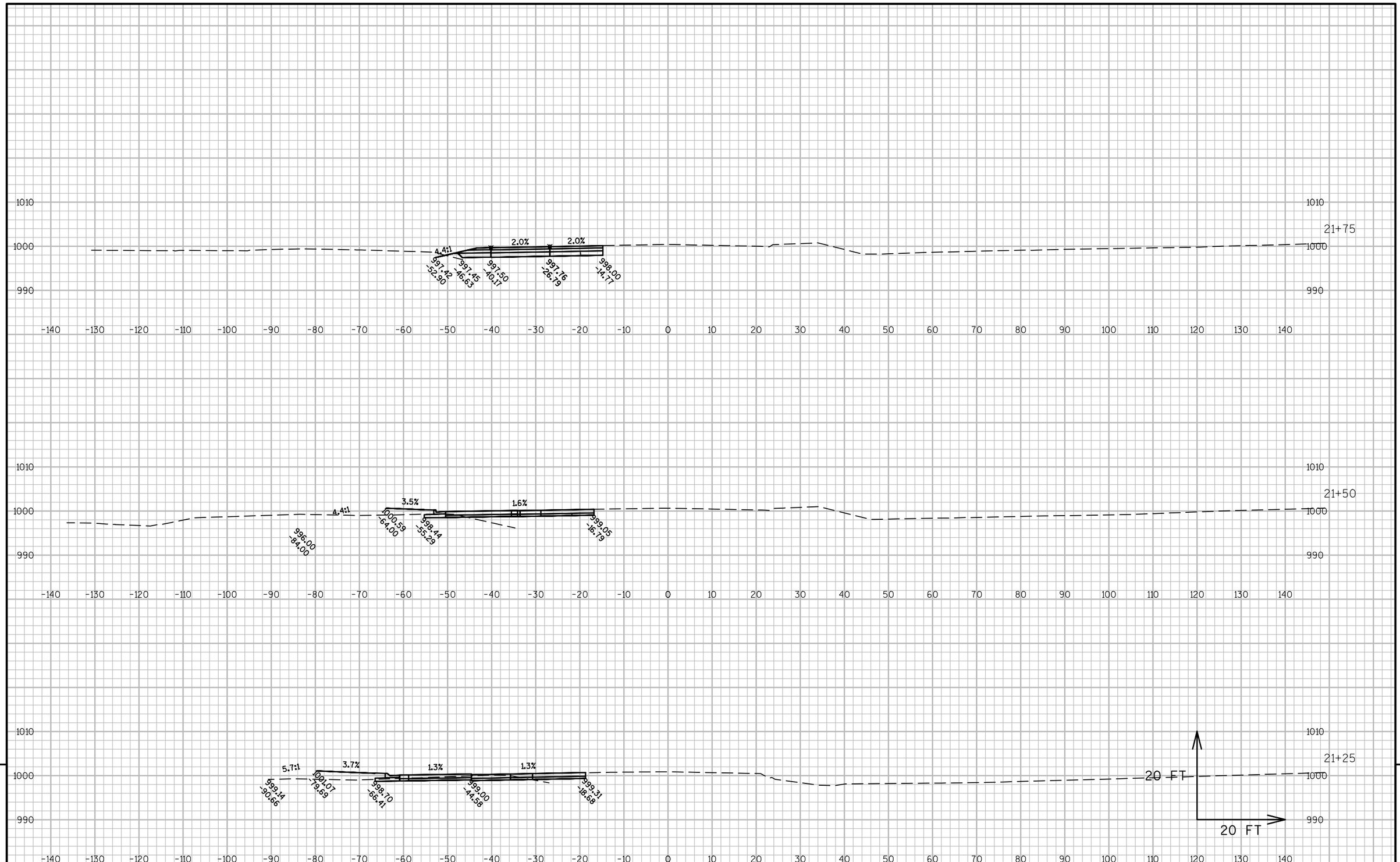


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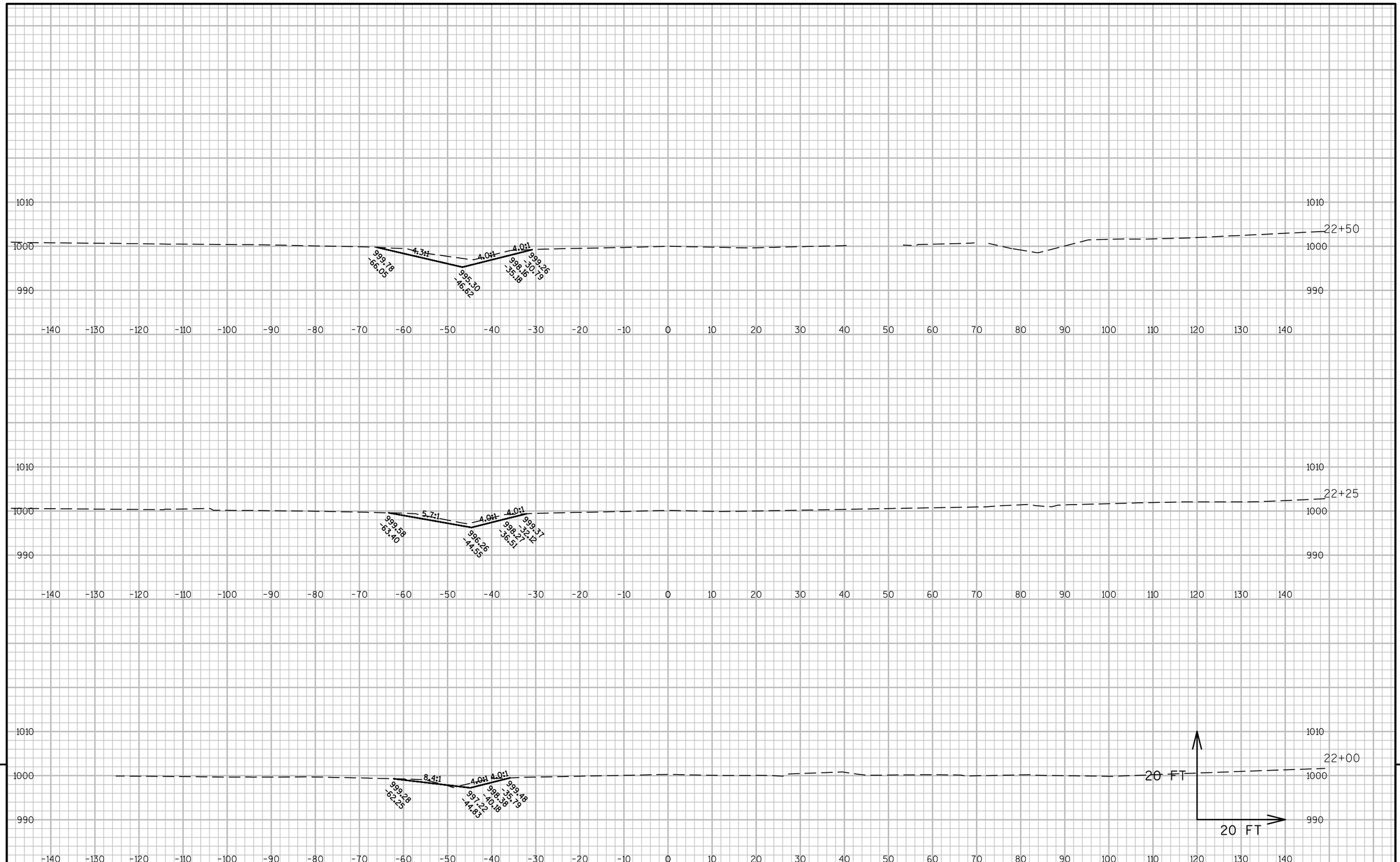
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(E70TH EB S4PLDWG DATE : 5/8/2017 1:48 PM
LAYOUT NAME - E70 S4 - (1)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(E70TH EB S4PLDWG DATE : 5/8/2017 1:48 PM
LAYOUT NAME - E70 S4 - (2)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



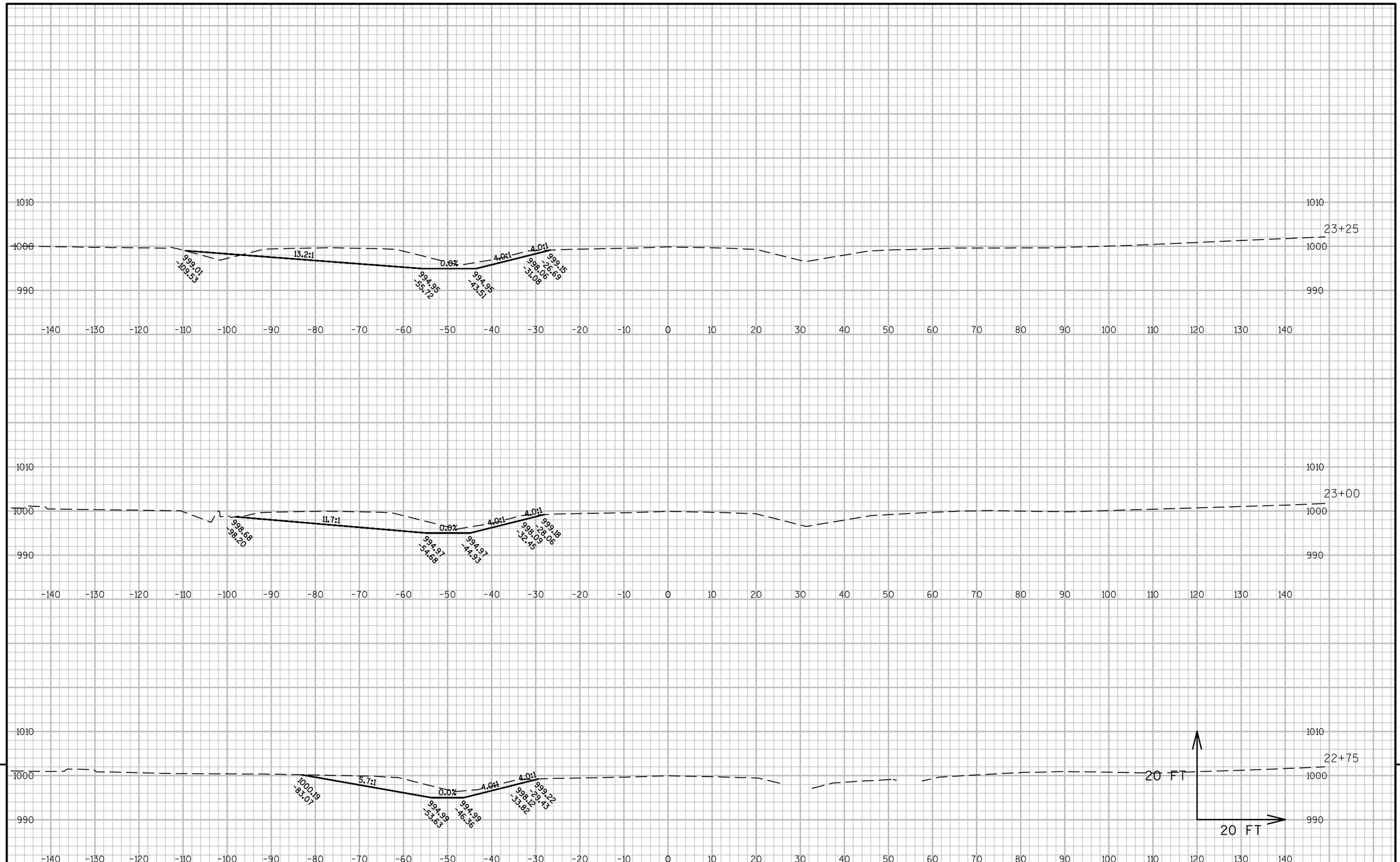
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS (E70TH EB S4.DWG LAYOUT NAME - E70 S4 - (3)

DATE : 5/8/2017 1:48 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

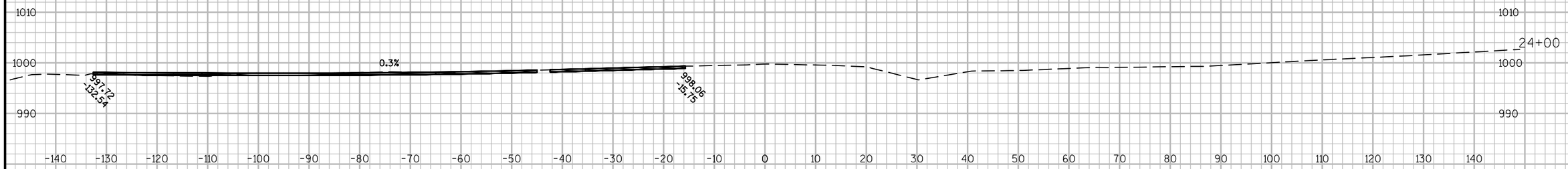


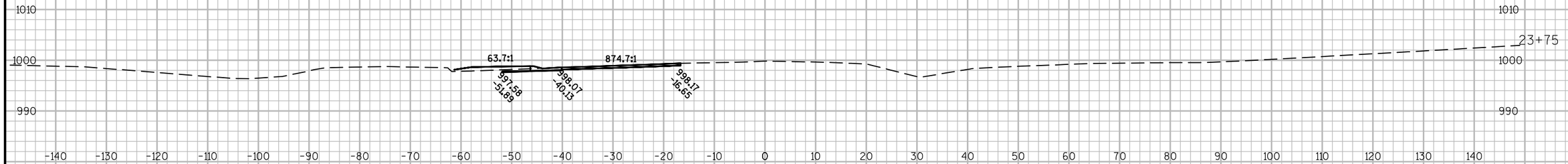
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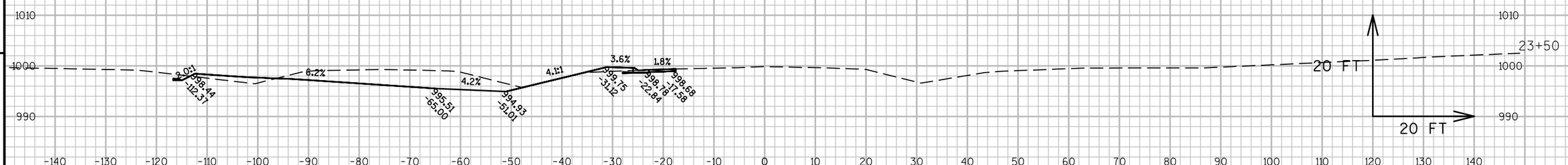
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS (E70TH EB S4PLDWG DATE : 5/8/2017 1:48 PM PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - E70 S4 - (4)

STA. 24+00'W'
RECONSTRUCT PARK AND RIDE ENTRANCE LT
2-19X30-INCH CPRHE CLASS III REQ'D.





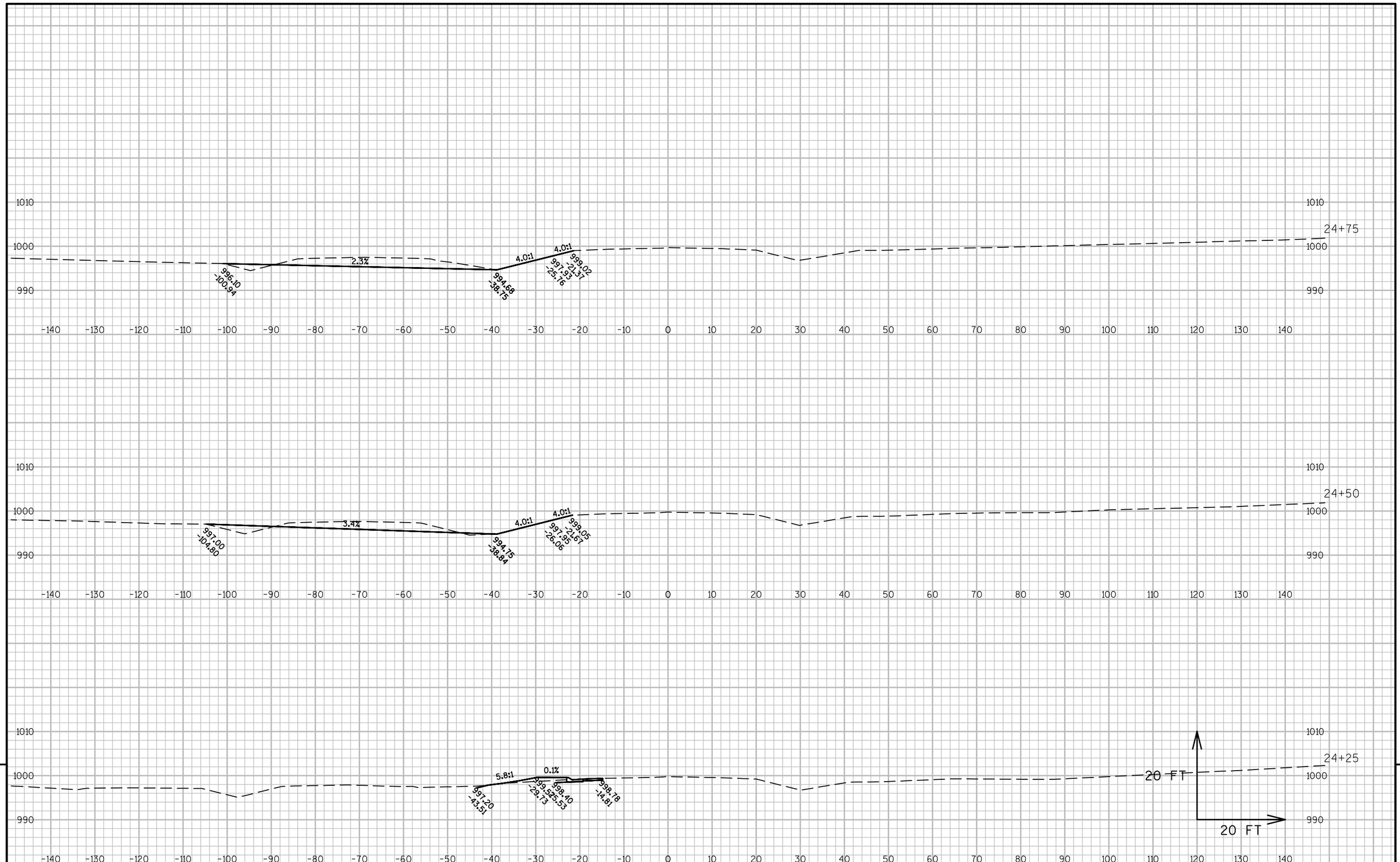


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS (E70TH EB S4PLDWG DATE : 5/8/2017 1:49 PM
LAYOUT NAME - E70 S4 - (5)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT

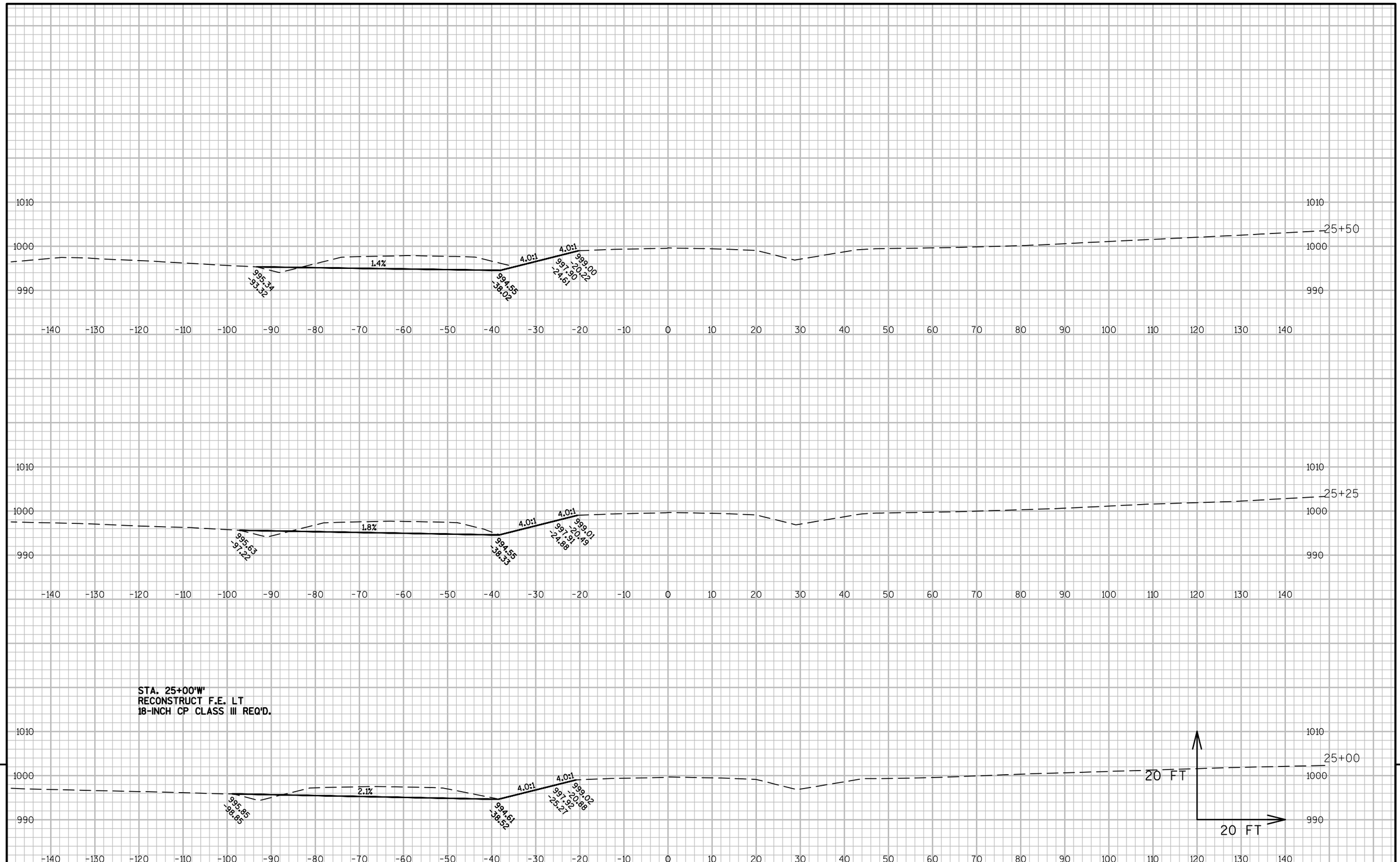


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS (E70TH EB S4PLDWG DATE : 5/8/2017 1:49 PM
LAYOUT NAME - E70 S4 - (6)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



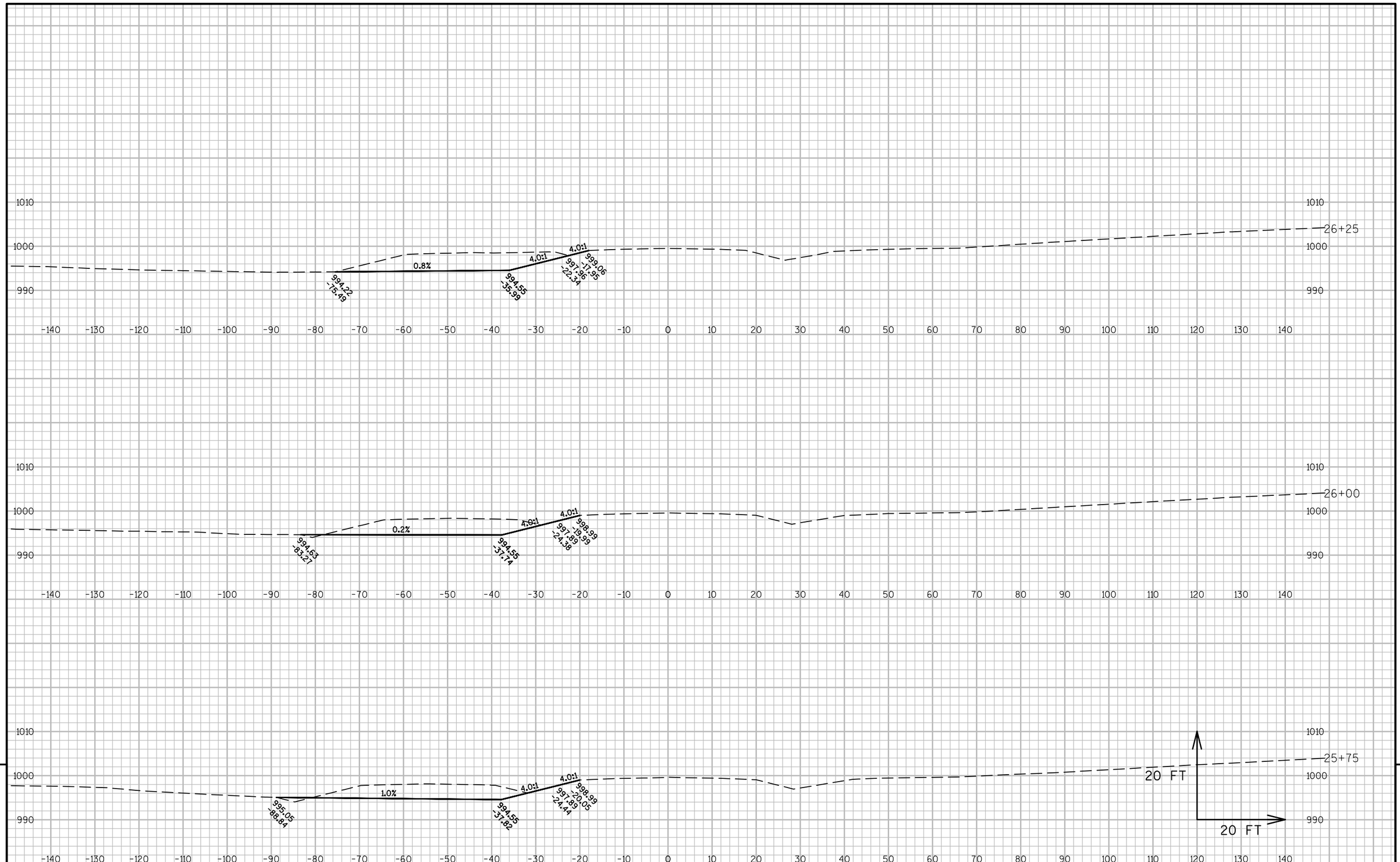
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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS (E70TH EB S4PLDWG DATE : 5/8/2017 1:49 PM
LAYOUT NAME - E70 S4 - (7)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



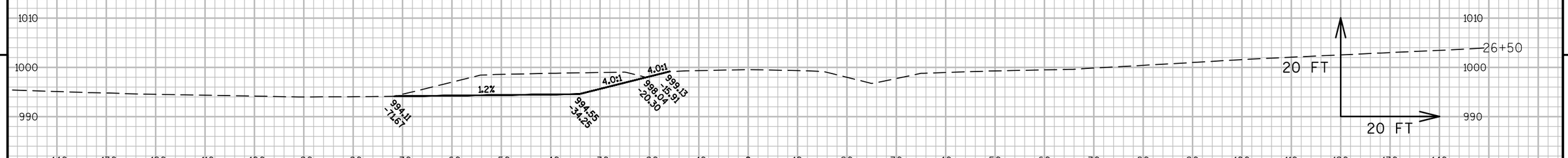
PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(E70TH EB S4PLDWG DATE : 5/8/2017 1:49 PM
LAYOUT NAME - E70 S4 - (8)

PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



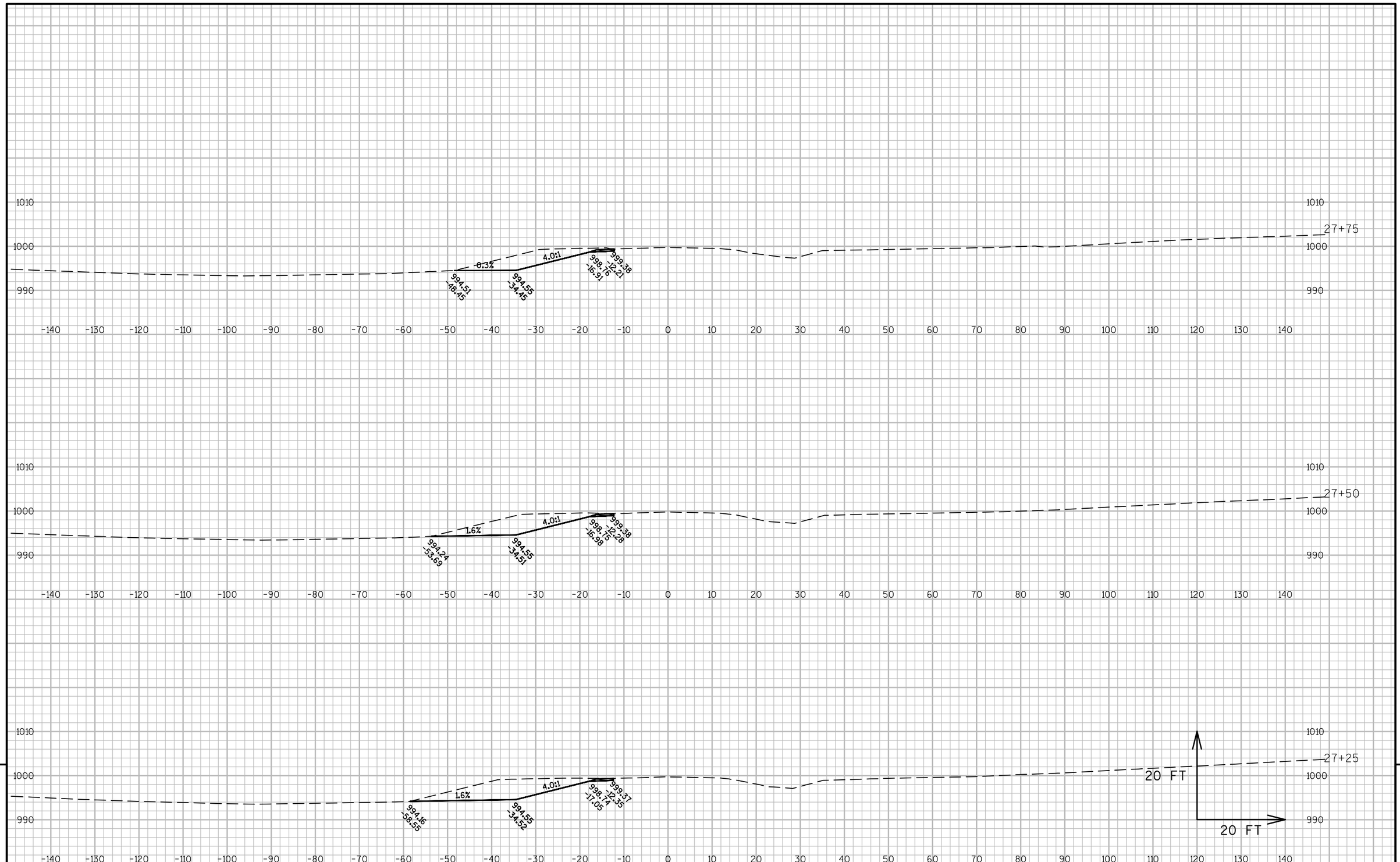




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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS(E70TH EB S4PLDWG DATE : 5/8/2017 1:49 PM
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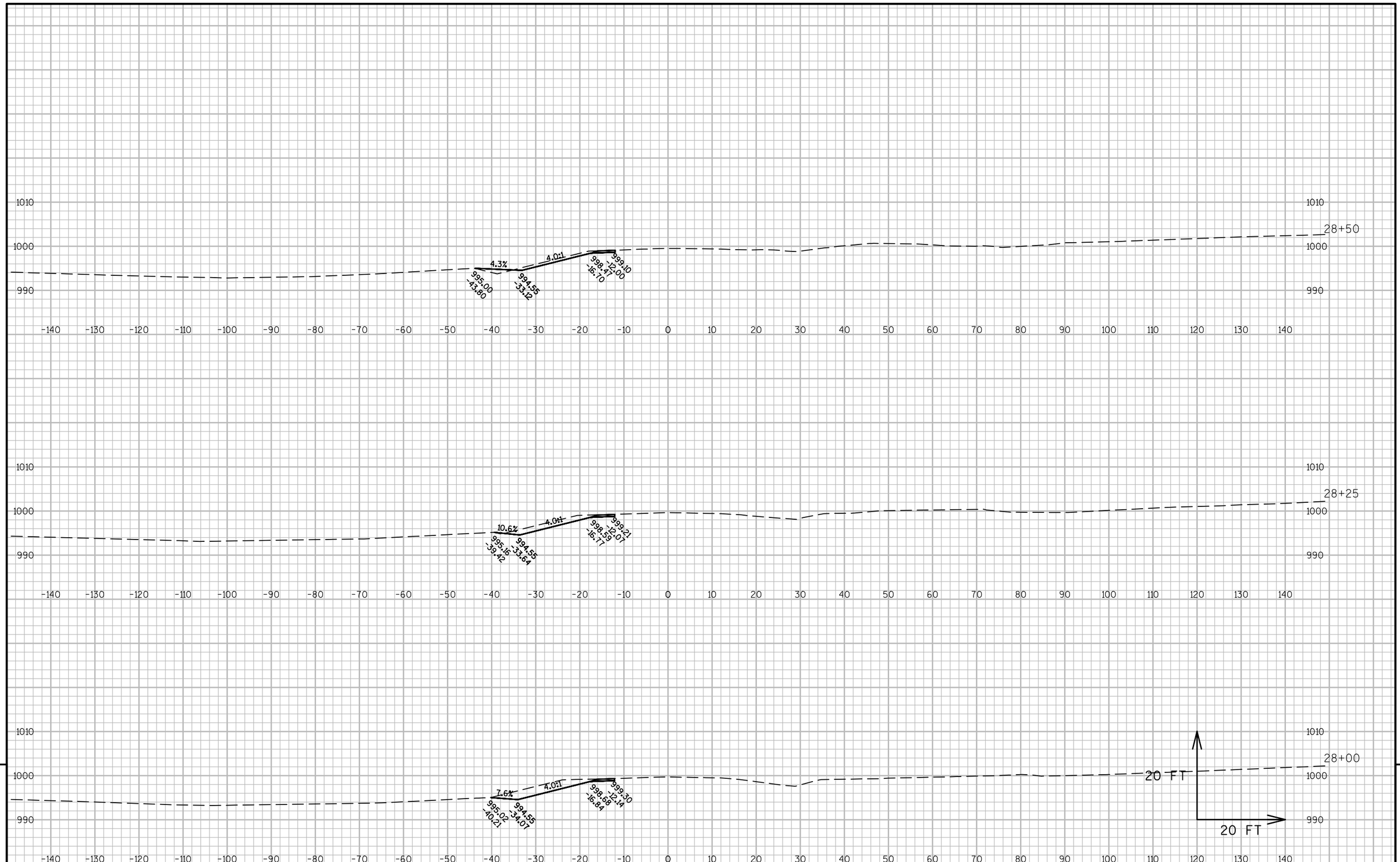


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS (E70TH EB S4PLDWG
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DATE : 5/8/2017 1:49 PM
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PLOT NAME :
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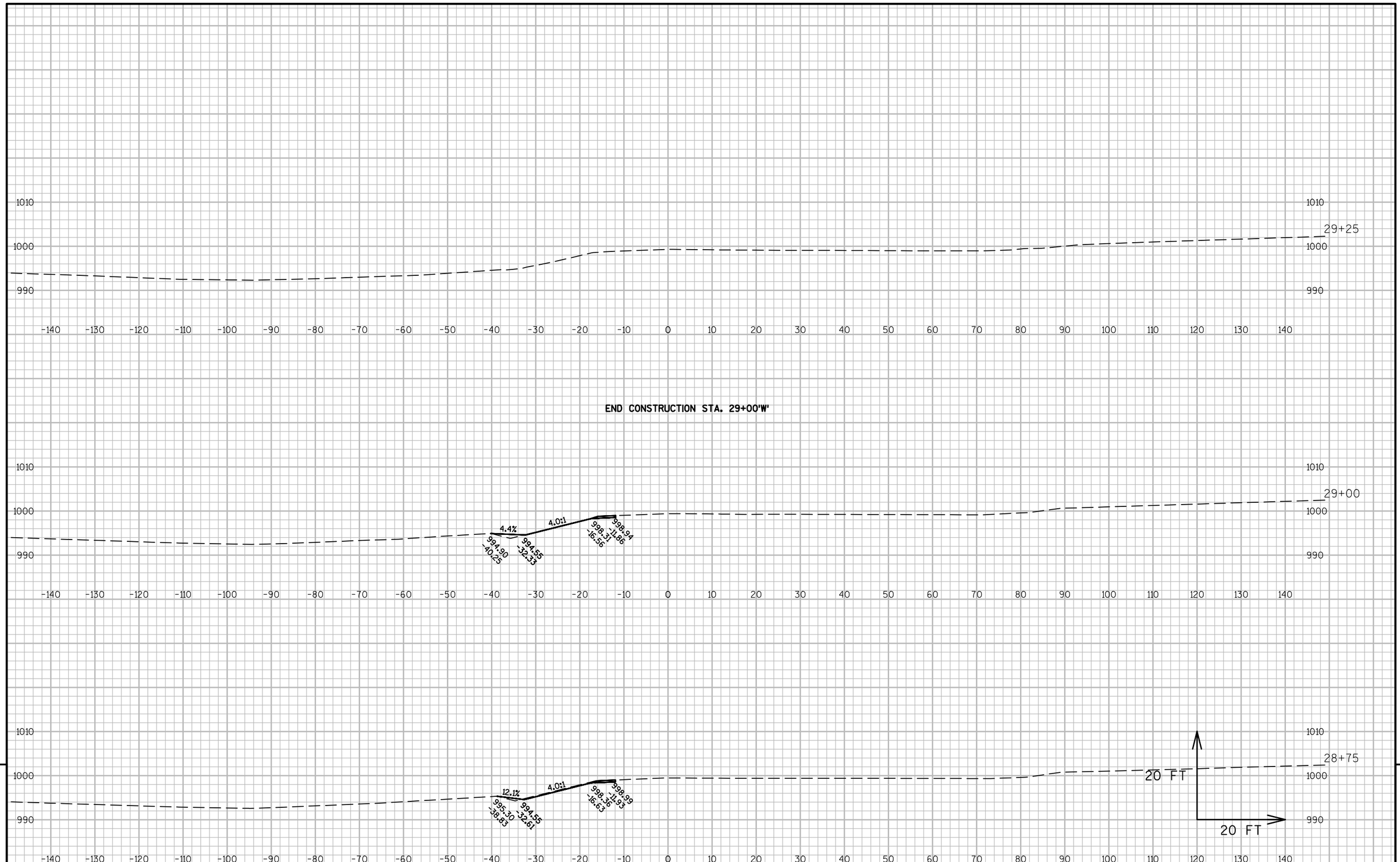


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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

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LAYOUT NAME - E70 S4 - (11)
PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT



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PROJECT NO: 1540-04-73	HWY: STH 65	COUNTY: ST. CROIX	CROSS SECTIONS: 70TH AVE EB (STAGE 4)	SHEET	E

FILE NAME : G:\WDOTCO\10033 (DESIGN WORK ORDERS)\WORK ORDER 13 STH 65 & 70TH\CIVIL3D\SHEETSPLAN\CROSS SECTIONS\090205-XS (E70TH EB S4PLDWG DATE : 5/8/2017 1:50 PM
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PLOT BY : JENNIFER LAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT