

PROJECT ID: 5050-02-71

COUNTY: SAUK

WITH: 5050-02-70; 5050-02-72

ORDER OF SHEETS

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

TOTAL SHEETS =



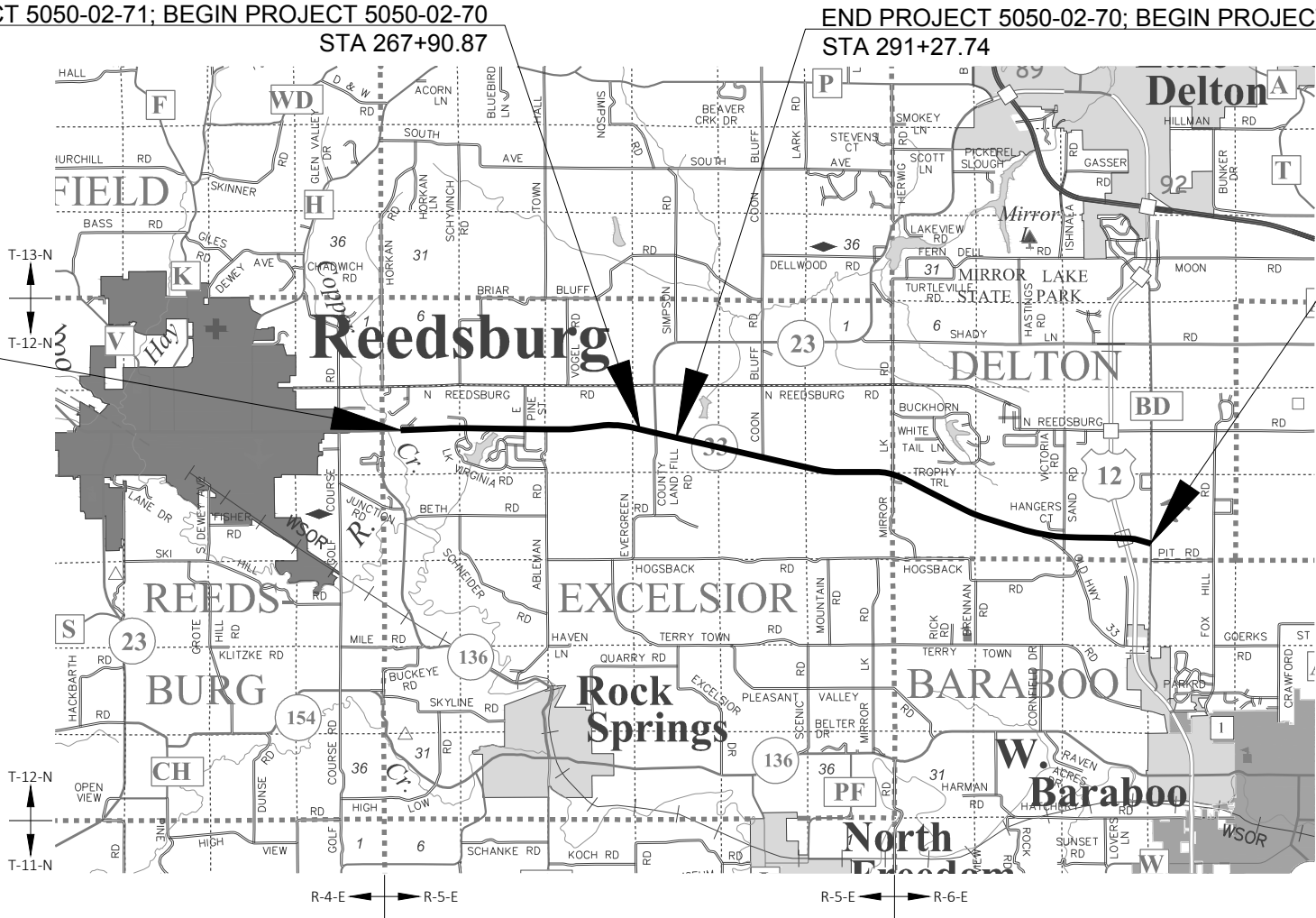
DESIGN DESIGNATION	5050-02-01; 5050-02-02
A.A.D.T.	2017 = 12,100 (STH 23); 8,000 (STH 33)
A.A.D.T.	2041 = 13,600 (STH 23); 9,300 (STH 33)
D.H.V.	= 898 (STH 23); 553 (STH 33)
D.D.	= 60/40
T.	= 8.7%
DESIGN SPEED	= 60 MPH
ESALS	= 2,900,000 (STH 23); 2,000,000 (STH 33)

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	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

BEGIN PROJECT 5050-02-71
STA 123+65.42
X = 595,619.49
Y = 260,002.50



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 0.443 MI (-70)
2.732 MI (-71)
5.701 MI (-72)
8.876 MI (TOTAL)

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

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD (2012).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

REEDSBURG - WISCONSIN DELLS
N JCT STH 33 INTERSECTION
STH 23
SAUK COUNTY

REEDSBURG - WISCONSIN DELLS
COPPER SPRINGS RD TO N JCT STH 33
STH 23
SAUK COUNTY

REEDSBURG - BARABOO
N JCT STH 23 TO USH 12
STH 33
SAUK COUNTY

STATE PROJECT NUMBER
5050-02-70

STATE PROJECT NUMBER
5050-02-71

STATE PROJECT NUMBER
5050-02-72

END PROJECT 5050-02-71; BEGIN PROJECT 5050-02-70
STA 267+90.87

END PROJECT 5050-02-70; BEGIN PROJECT 5050-02-72
STA 291+27.74

END PROJECT 5050-02-72
STA 592+28.37

Approved for the relocation
of utility facilities
January 8, 2019

ORIGINAL PLANS PREPARED BY



DATE: _____
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	JT ENGINEERING, INC.
Designer	BRADLEY R. GROH, PE
Project Manager	BRAD SCHULTZ, PE
Regional Examiner	SOUTHWEST REGION
Regional Supervisor	KARLA KNORR, PE

APPROVED FOR THE DEPARTMENT
DATE: _____
(Signature)

E

GENERAL NOTES

HMA PAVEMENT 4 MT 58-28 S SHALL BE PLACED IN EQUAL 1.75" LAYERS

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

TACK COAT APPLICATION RATES ARE BASED ON 0.07 GAL/SY ON MILLED SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

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

EROSION CONTROL ITEMS IN THE MISCELLANEOUS QUANTITIES ARE SUGGESTED. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. PROTECT WETLANDS AND OTHER WATERWAYS THAT ARE PRESENT WITHIN THE PROJECT LIMITS.

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

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.

DO NOT STORE EQUIPMENT OR MATERIAL IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS, OR WATERWAYS.

ENVIRONMENTAL CONTACTS

WISDOT - SW REGION
ERIN RIESER
2101 WRIGHT STREET
MADISON, WI 53704
PHONE: 608-242-8025
EMAIL: ERIN.RIESER@DOT.WI.GOV

WISCONSIN DNR
ANDY BARTA
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
PHONE: 608-275-3308
EMAIL: ANDREW.BARTA@WISCONSIN.GOV

UTILITY CONTACTS

ALLIANT ENERGY - ELECTRICITY
MARY MONTGOMERY
200 FIRST STREET
CEDAR RAPIDS, IA 52401
PHONE: 319-786-4768
EMAIL: MARYMONTGOMERY@ALLIANTENERGY.COM
APPLICABLE PROJECT IDS: -70, -71, -72

ALLIANT ENERGY - GAS/PETROLEUM
MARY MONTGOMERY
200 FIRST STREET
CEDAR RAPIDS, IA 52401
PHONE: 319-786-4768
EMAIL: MARYMONTGOMERY@ALLIANTENERGY.COM
APPLICABLE PROJECT IDS: -71, -72

DESIGN CONTACTS

WISDOT - SW REGION
BRAD SCHULTZ, PE
2101 WRIGHT STREET
MADISON, WI 53704
PHONE: 608-242-8038
EMAIL: BRAD.SCHULTZ@DOT.WI.GOV

JT ENGINEERING, INC.
BRAD GROH, PE
6325 ODANA ROAD, SUITE 2
MADISON, WI 53719
PHONE: 608-204-0909
EMAIL: BRADG@JT-ENGINEERING.COM

FRONTIER COMMUNICATIONS OF WI LLC - COMMUNICAITON LINE
RUSS RYAN
118 DIVISION STREET
PLYMOUTH, WI 53073
PHONE: 920-583-3275
EMAIL: RUSSELL.W.RYAN@FTR.COM
APPLICABLE PROJECT IDS: -70, -71, -72

REEDSBURG UTILITY COMMISSION - COMMUNICATION LINE
KEN LAS
501 UTILITY COURT
P.O. BOX 230
REEDSBURG, WI 53959
PHONE: 608-768-6450
EMAIL: KLAS@RUCLS.NET
APPLICABLE PROJECT IDS: -70, -71, -72

CENTURY LINK - COMMUNICATION LINE
KEVIN ZICKERT
224 INDUSTRIAL DRIVE
NORTH PRAIRIE, WI 53153
PHONE: 262-392-5200
EMAIL: KEVIN.ZICKERT@CENTURYLINK.COM
APPLICABLE PROJECT IDS: -72

NORTHERN NATURAL GAS COMPANY - GAS/PETROLEUM
SERGIO GONZALEZ
8101 BIRCHWOOD COURT, SUITE F
JOHNSTON, IA 50131
PHONE: 402-530-2026
EMAIL: SERGIO.GONZALEZ@NNGCO.COM
APPLICABLE PROJECT IDS: -72

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP- TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE- TURF			.25			.27			.28			.30
			.32			.34			.36			.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 = 166.83 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 3.39 ACRES

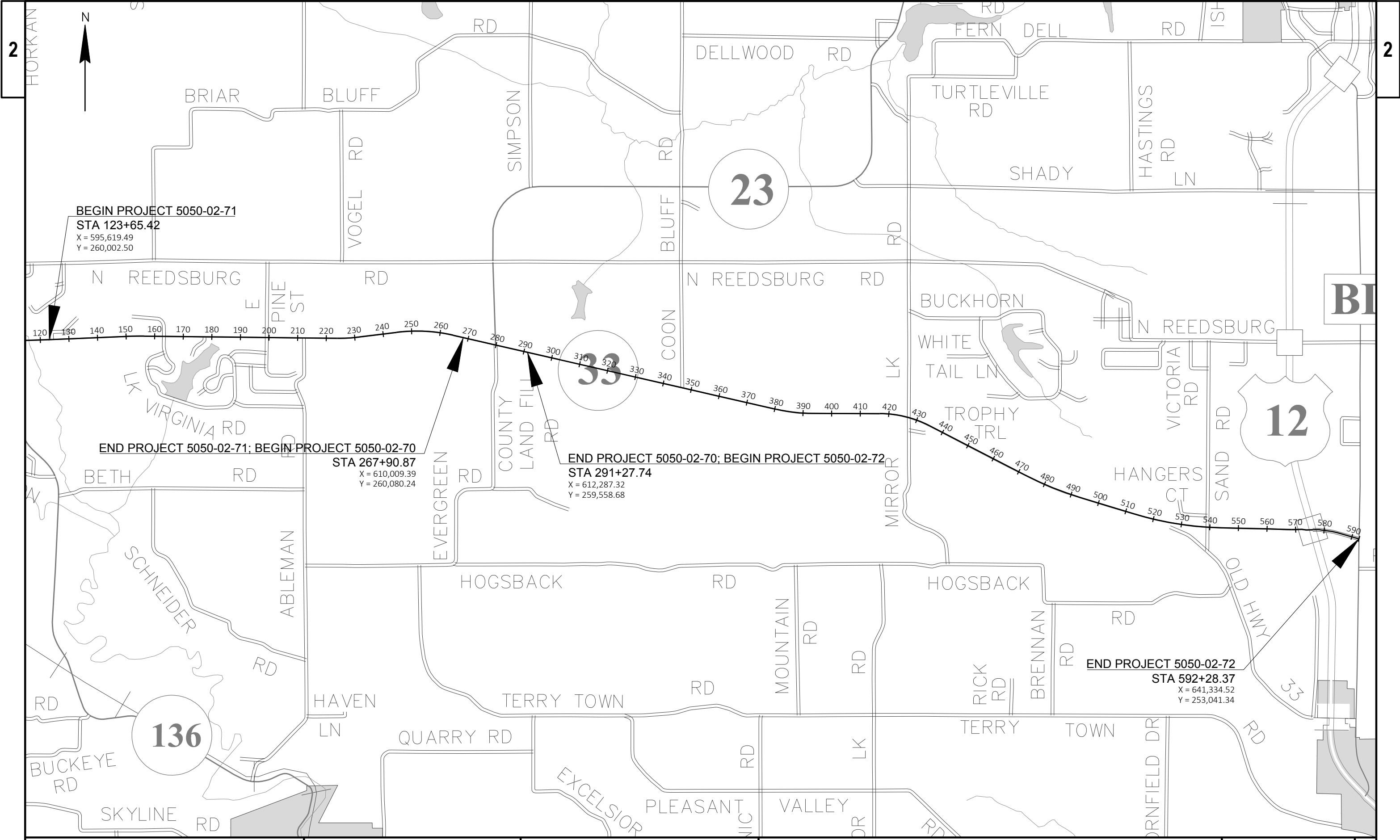
DIGGERSHOTLINE

Dial 811 or (800)242-8511

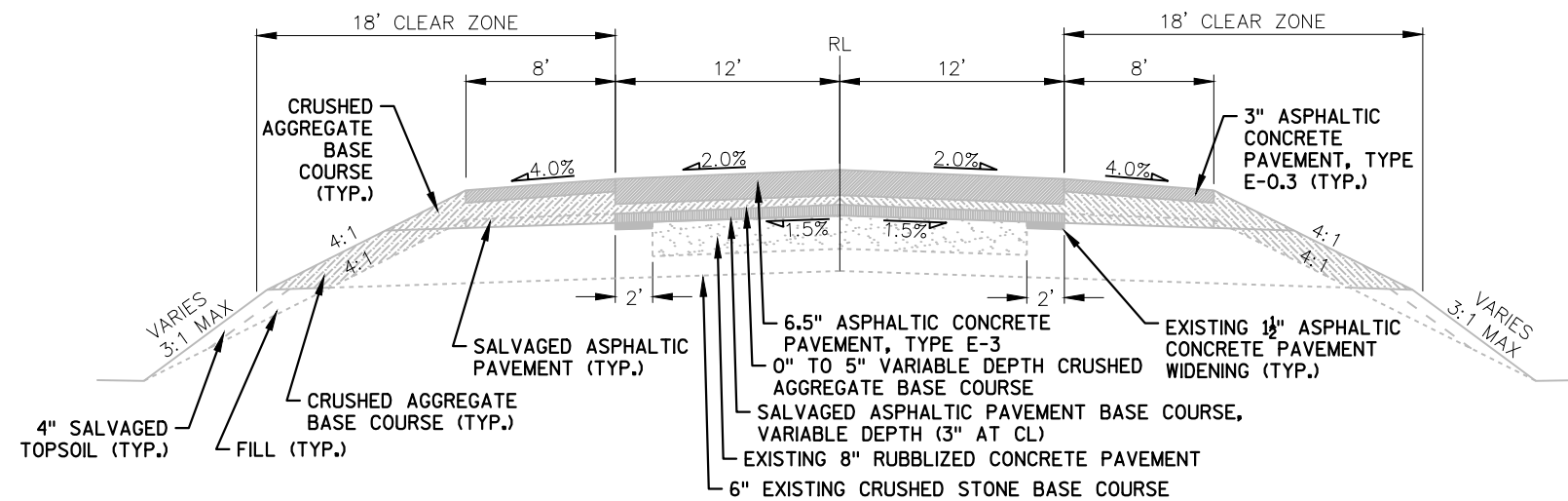
www.DiggersHotline.com

ORDER OF DETAIL SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- INTERSECTION DETAILS
- PERMANENT SIGNING
- LIGHTING PLAN
- PAVEMENT MARKING
- TRAFFIC CONTROL
- DETOUR PLAN
- ALIGNMENT DIAGRAM

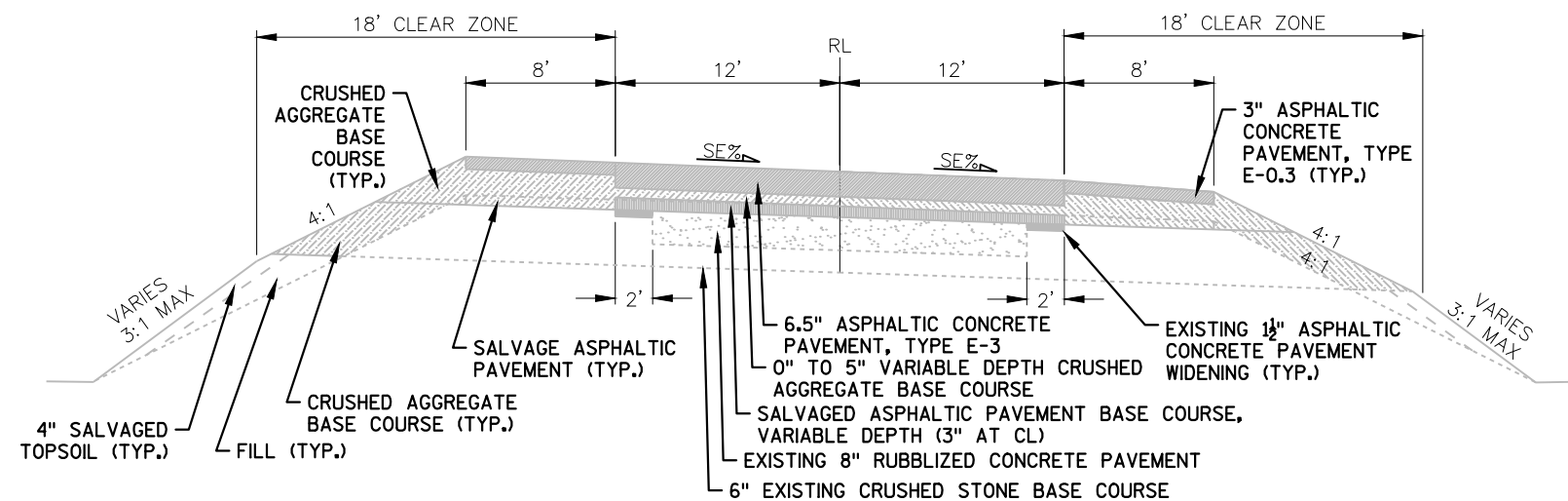


PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	PROJECT OVERVIEW	SHEET E
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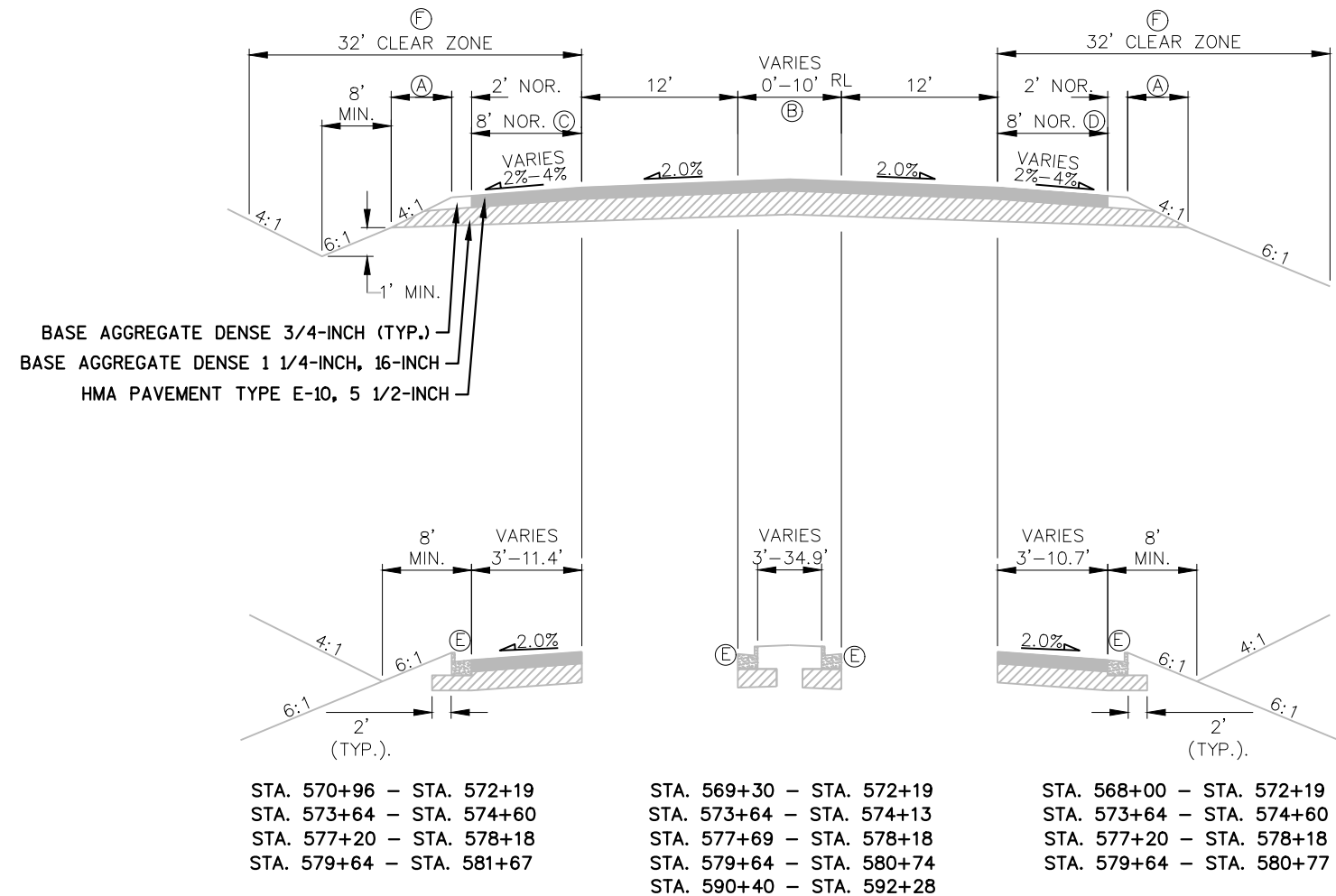
EXISTING TYPICAL SECTION - STH 23 / STH 33

STA. 123+65 - STA. 559+12



EXISTING SUPERELEVATED TYPICAL SECTION - STH 23 / STH 33

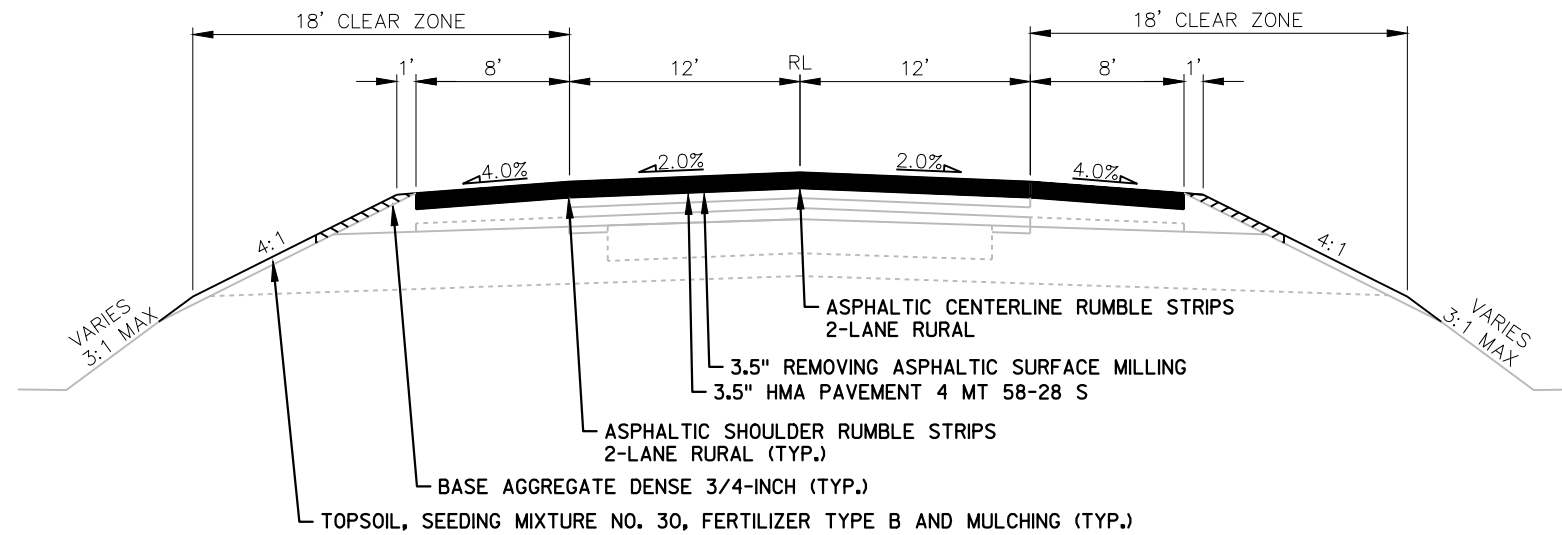
STA. 123+65 - STA. 559+12



EXISTING TYPICAL SECTION - STH 33

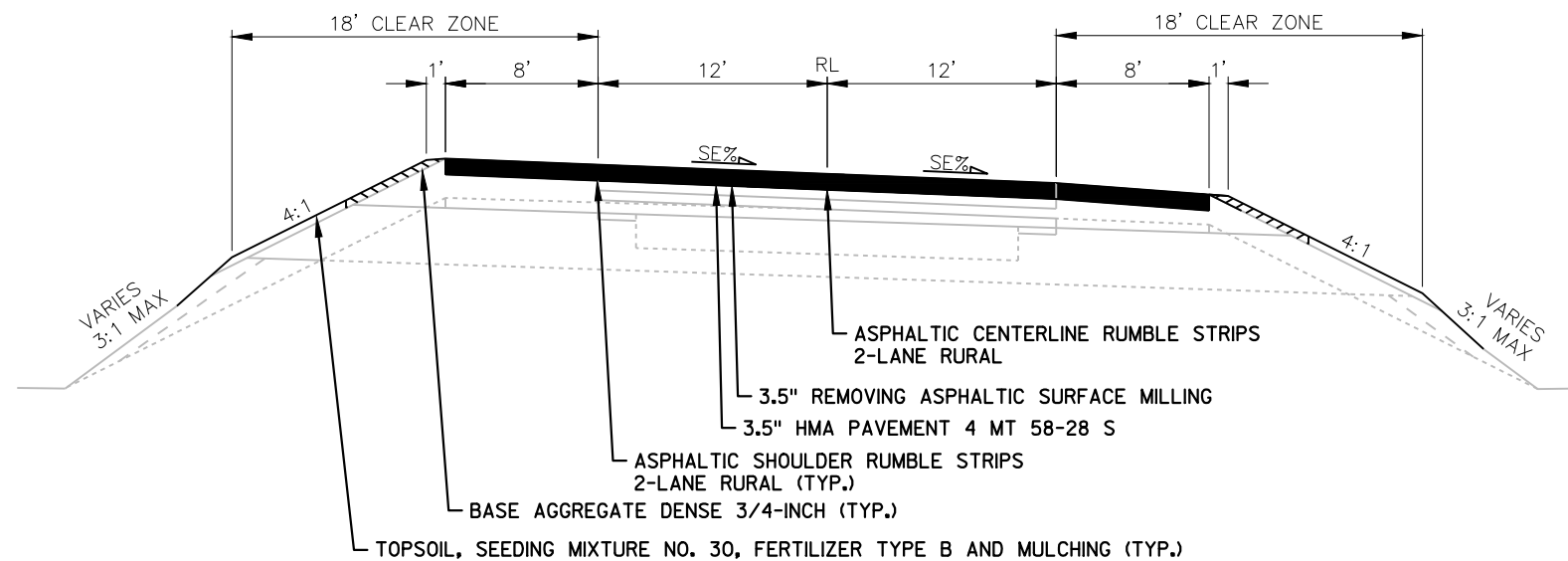
STA. 559+12 - STA. 572+19
STA. 573+64 - STA. 574+60
STA. 577+20 - STA. 578+18
STA. 579+64 - STA. 592+28

- (A) VARIES FROM 6.92' TO 7.79'
- (B) VARIES FROM 0' AT STA. 560+45 TO 10' AT STA. 569+30
VARIES FROM 0' AT STA. 583+11 TO 16' AT STA. 586+92
- (C) VARIES FROM 8' AT STA. 561+56 RT TO 13' AT STA. 562+36 RT
13' FROM STA. 562+36 RT TO STA. 564+89 RT
VARIES FROM 13' AT STA. 564+89 RT TO 8' AT STA. 565+72 RT
- (D) VARIES FROM 8' AT STA. 562+67 LT TO 12' AT STA. 563+34
12' FROM STA. 563+34 TO STA. 566+61
VARIES FROM 12' AT STA. 566+61 TO 8' AT STA. 567+16
- (E) CONCRETE CURB AND GUTTER 4-INCH SLOPED 36" TYPE D STA. 568+00 TO STA. 569+91
CONCRETE CURB AND GUTTER 30-INCH TYPE D STA. 569+91 TO STA. 581+68
- (F) 20' CLEAR ZONE STA. 573+64 TO STA. 578+18



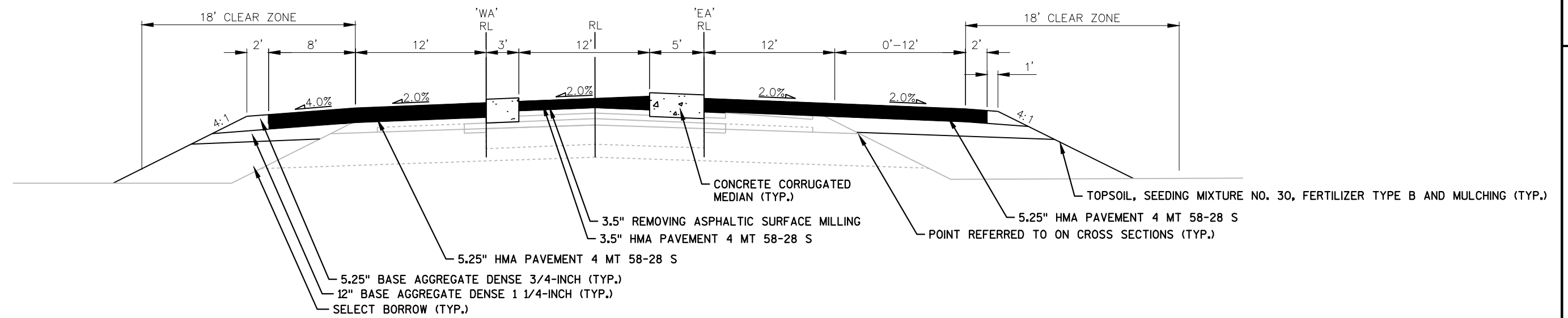
PROPOSED TYPICAL SECTION – STH 23 / STH 33

STA. 123+65 – STA. 276+41
STA. 282+78 – STA. 559+12



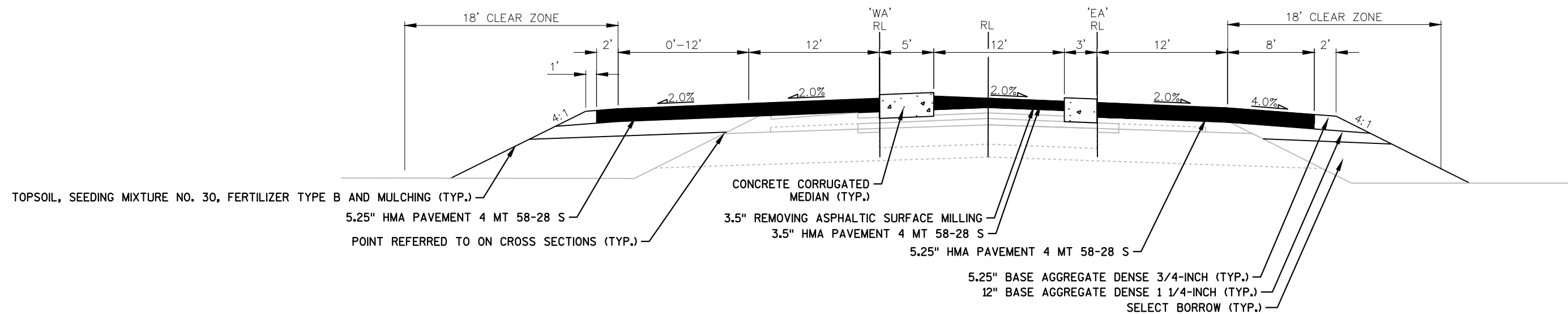
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STA. 123+65 – STA. 276+41
STA. 282+78 – STA. 559+12



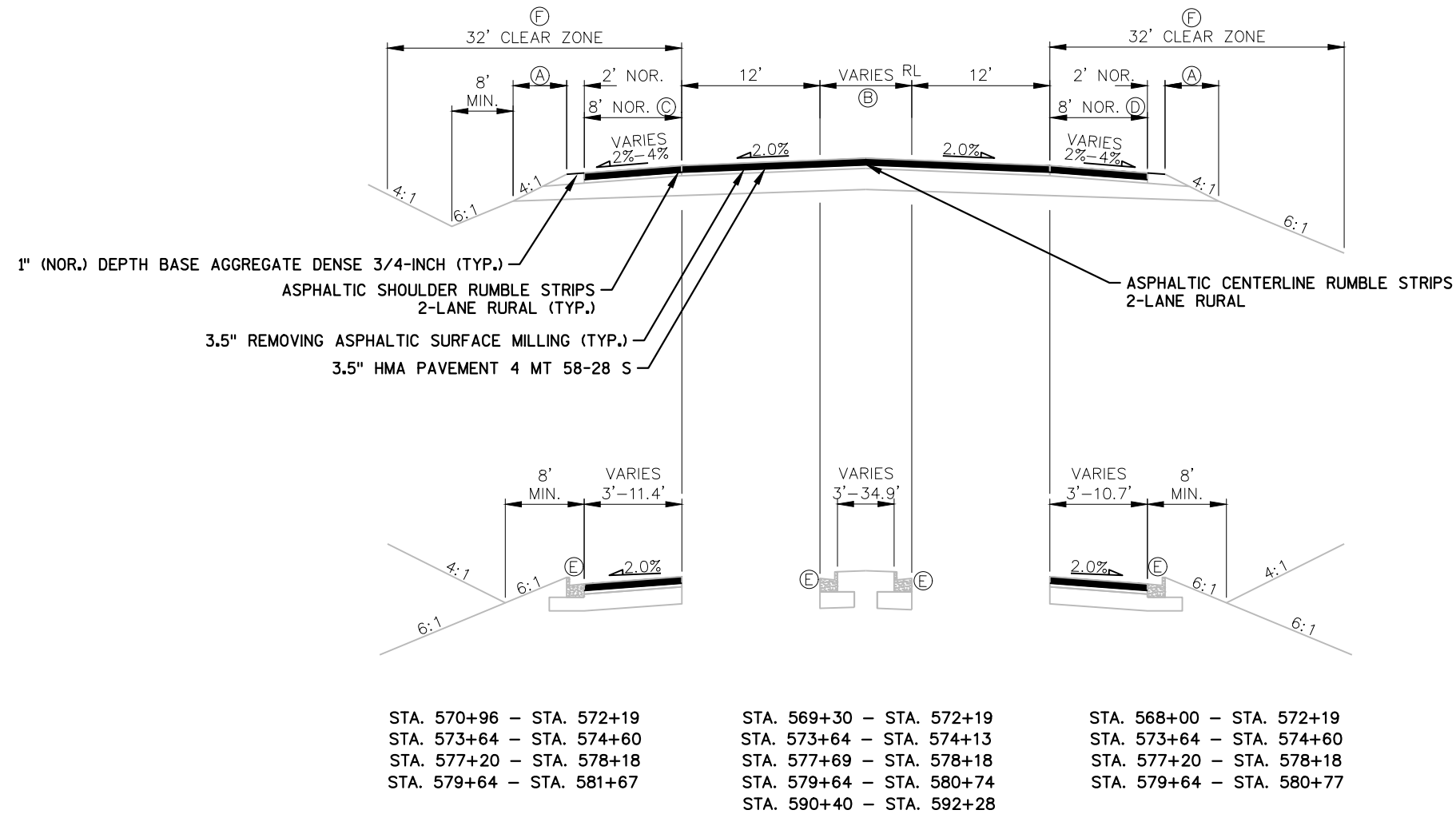
PROPOSED TYPICAL SECTION – STH 23 / STH 33

STA. 276+41 – STA. 279+41



PROPOSED TYPICAL SECTION – STH 23 / STH 33

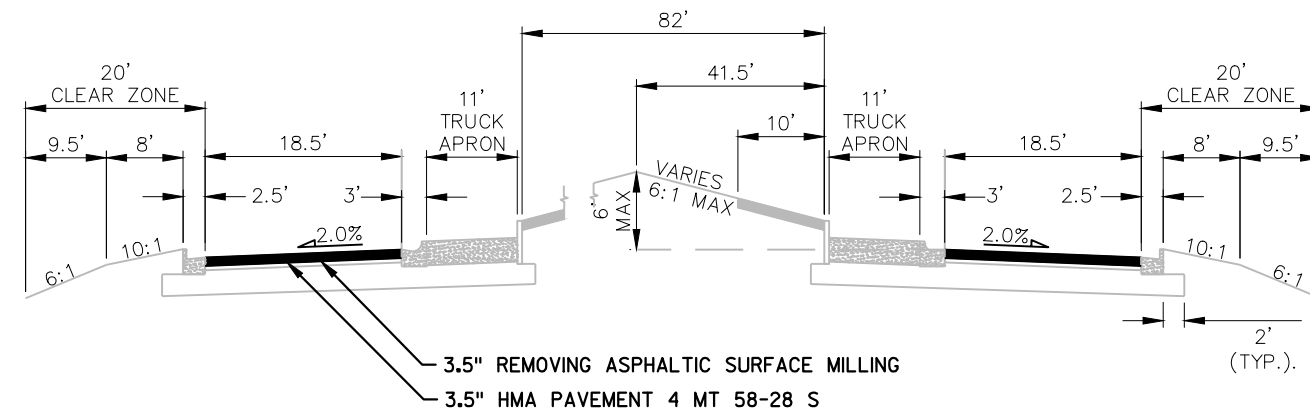
STA. 280+78 – STA. 282+78



PROPOSED TYPICAL SECTION – STH 33

STA. 559+12 – STA. 572+19
STA. 573+64 – STA. 574+60
STA. 577+20 – STA. 578+18
STA. 579+64 – STA. 592+28

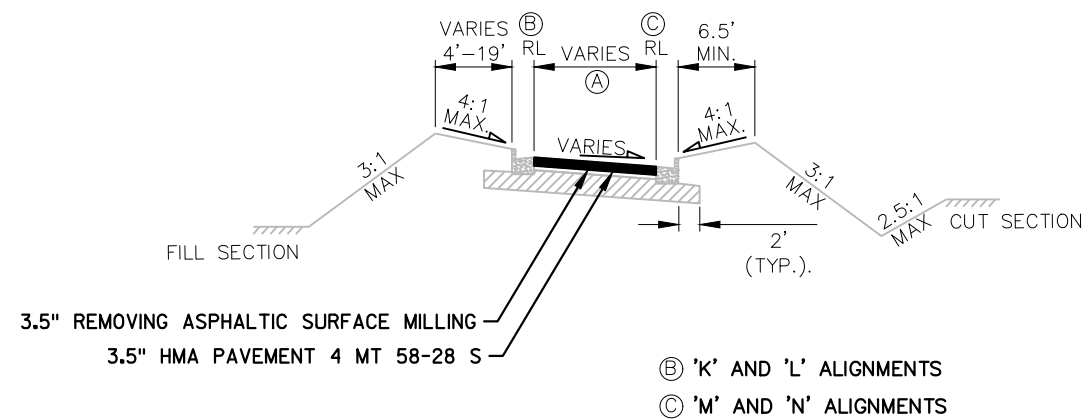
- (A) VARIES FROM 6.92' TO 7.79'
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CONCRETE CURB AND GUTTER 30-INCH TYPE D STA. 569+91 TO STA. 581+68
- (F) 20' CLEAR ZONE STA. 573+64 TO STA. 578+18



PROPOSED TYPICAL SECTION – STH 33 (ROUNABOUT SECTION)

STA. 572+19 – STA. 573+64

STA. 578+18 – STA. 579+64



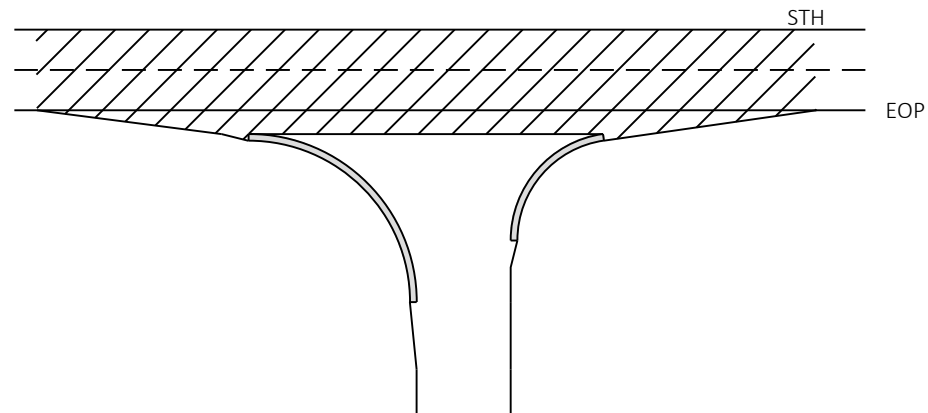
PROPOSED TYPICAL SECTION – USH 12 RAMPS

STA. 211'K'+30 – STA. 211'K'+94; ① = 15.0' – 16.9'

STA. 212'L'+81 – STA. 214'L'+01; ① = 18.7' – 23.0'

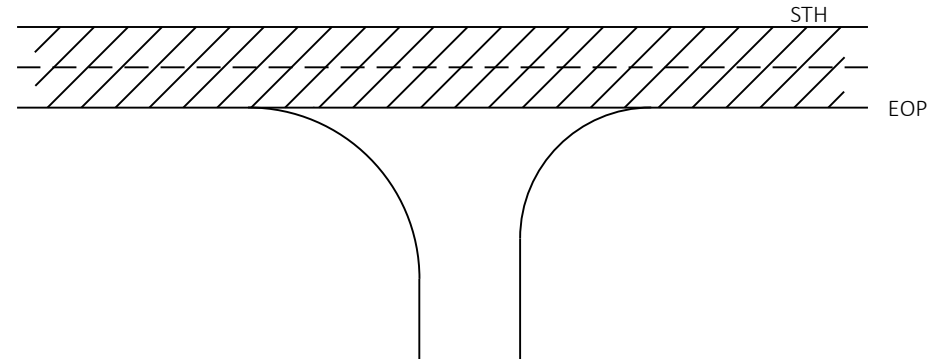
STA. 210'M'+70 – STA. 211'M'+19; ① = 15.0' – 15.7'

STA. 208'N'+62 – STA. 209'N'+81; ① = 18.5' – 23.0'



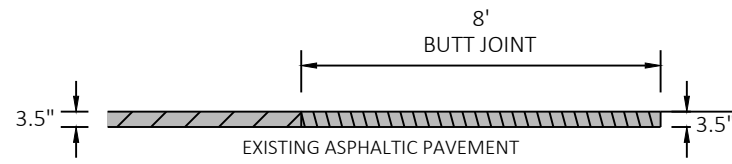
SIDE ROADS AND DRIVEWAYS

WITH CURB AND GUTTER
EXCEPT STH 23/STH 33/EVERGREEN RD.



SIDE ROADS AND DRIVEWAYS

WITHOUT CURB AND GUTTER



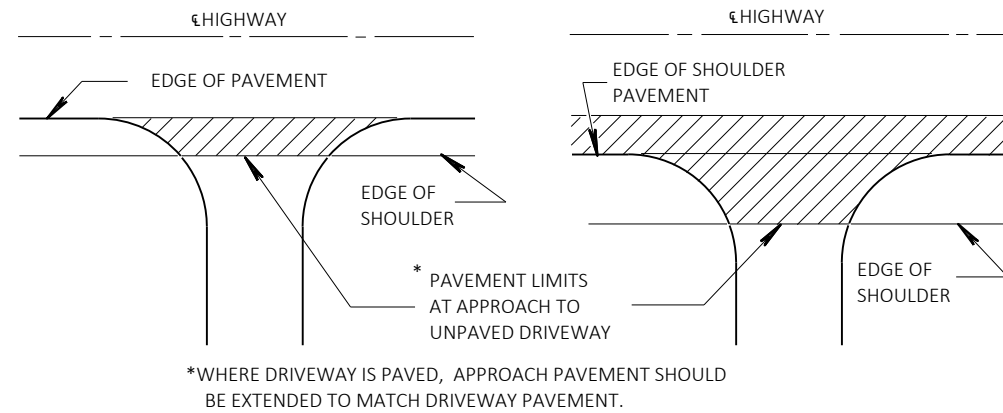
BUTT JOINT

MAINLINE, STH 23/STH 33/EVERGREEN RD, AND INTERCHANGE RAMPS

STA 123+65.42 - 123+73.42
STA 574+52.00 - 574+60.00
STA 577+20.00 - 577+28.00
STA 592+20.37 - 592+28.37
STA 48'NB'+54.83 - 48'NB'+62.83
STA 52'NB'+22.64 - 52'NB'+30.64
STA 211'K'+30.52 - 211'K'+38.52
STA 213'L'+93.27 - 214'L'+01.27
STA 211'M'+10.70 - 211'M'+18.70
STA 208'N'+62.39 - 208'N'+70.39

- HMA PAVEMENT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JOINTS

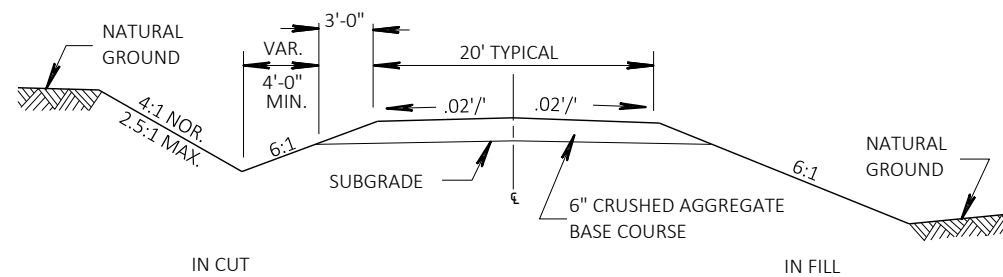
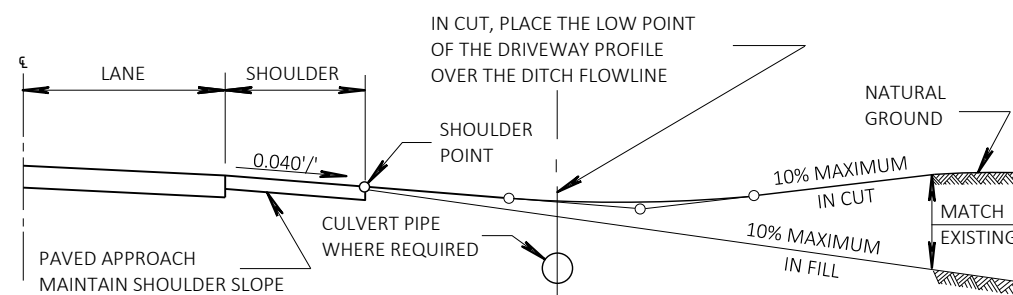
NOTE: ANY SAWCUT USED WILL BE CONSIDERED
INCIDENTAL TO REMOVING ASPHALTIC SURFACE BUTT
JOINTS OR REMOVING ASPHALTIC SURFACE MILLING



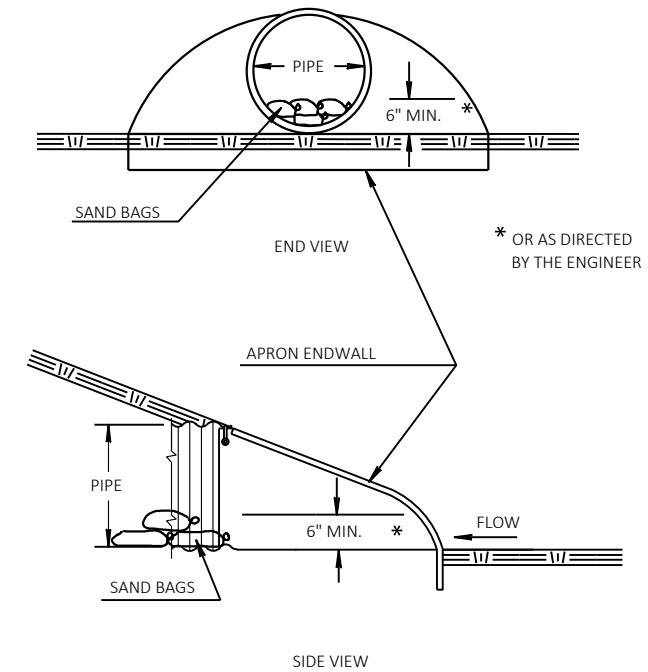
PLAN VIEW

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

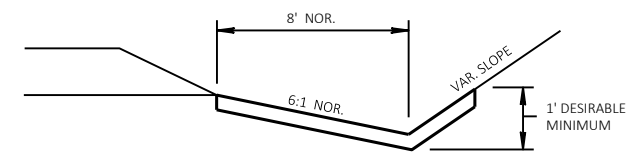
RURAL DRIVEWAY INTERSECTION DETAIL

TYPICAL CROSS SECTION FOR PRIVATE
DRIVE OR FIELD ENTRANCE

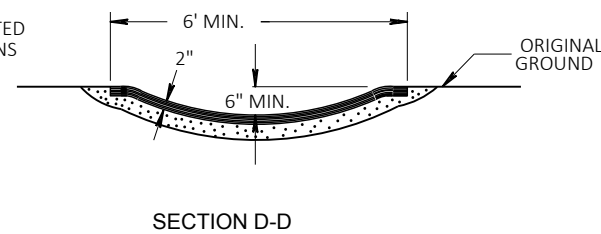
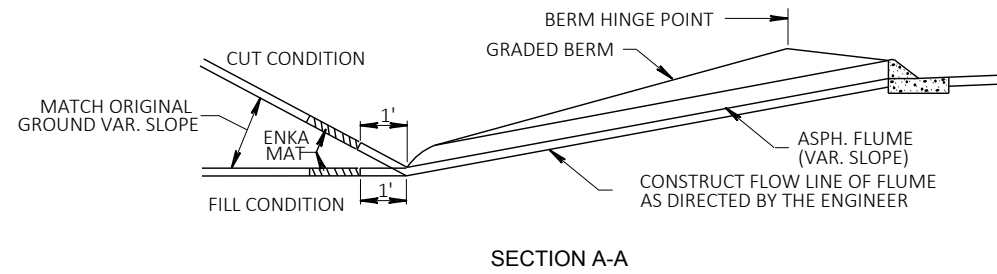
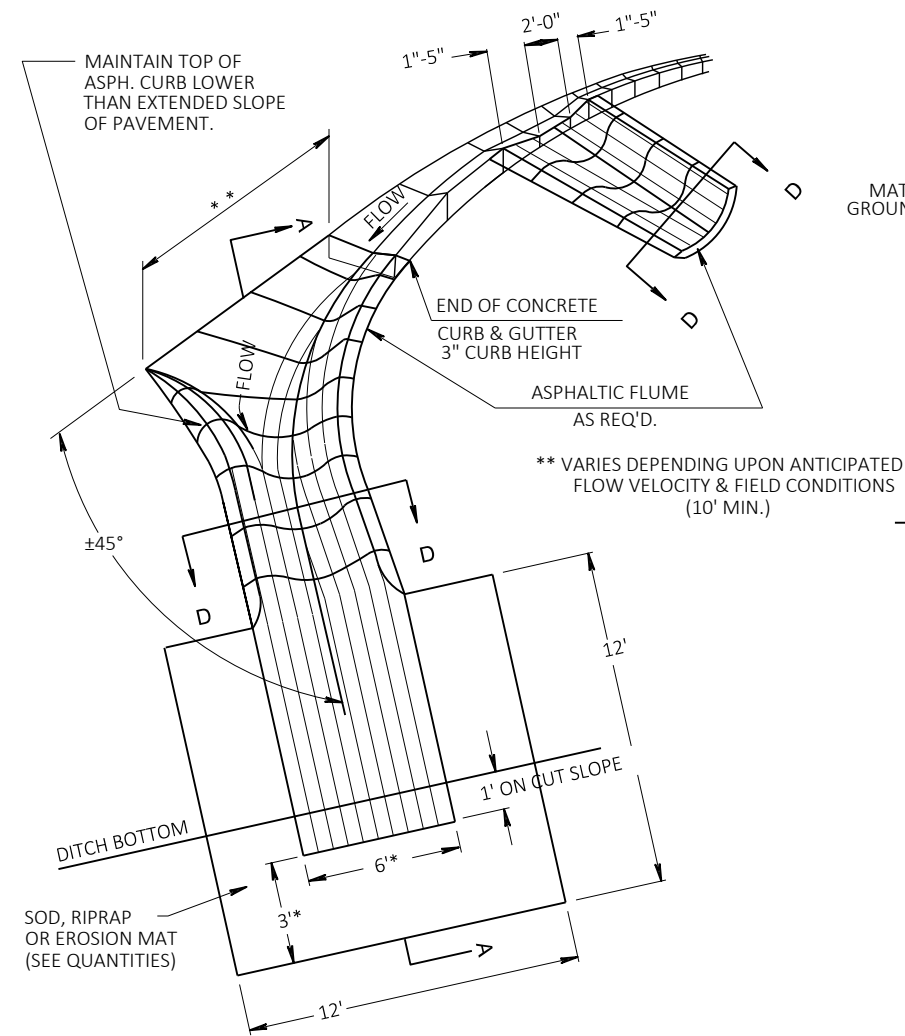
TYPICAL DRIVEWAY PROFILES



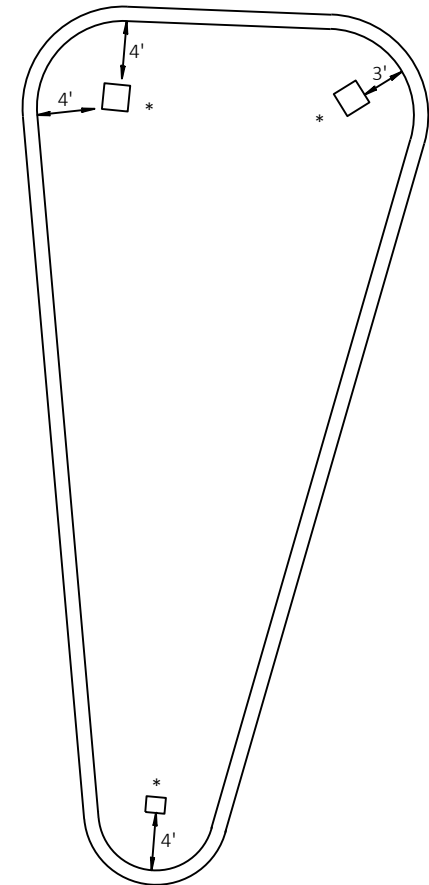
CULVERT PIPE DITCH CHECK



EROSION MAT DETAIL FOR DITCHES

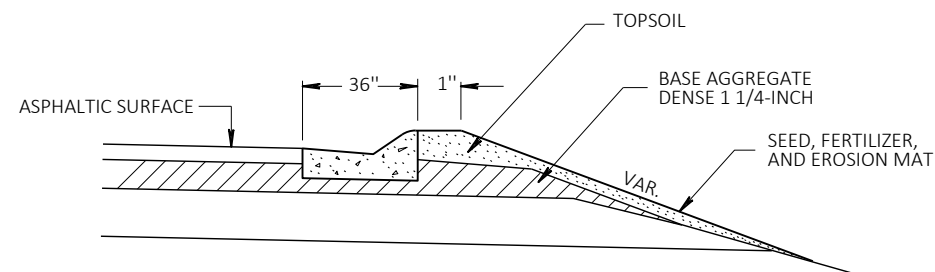


ASPHALTIC FLUME DETAIL
AT RURAL INTERSECTIONS

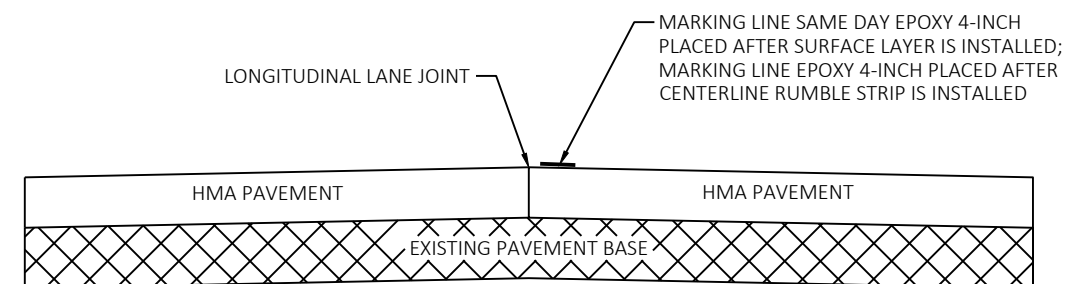


DETAIL OF OPENINGS IN ISLAND FOR SIGN PLACEMENT

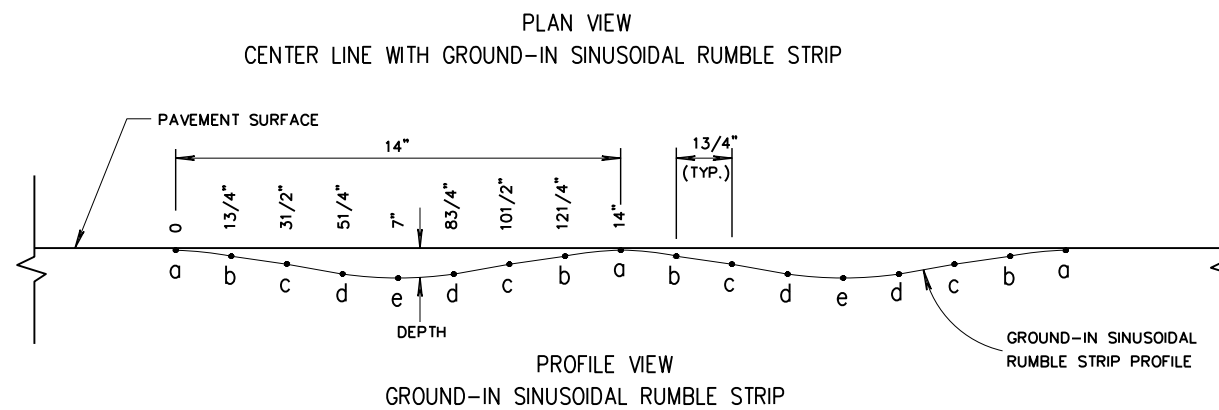
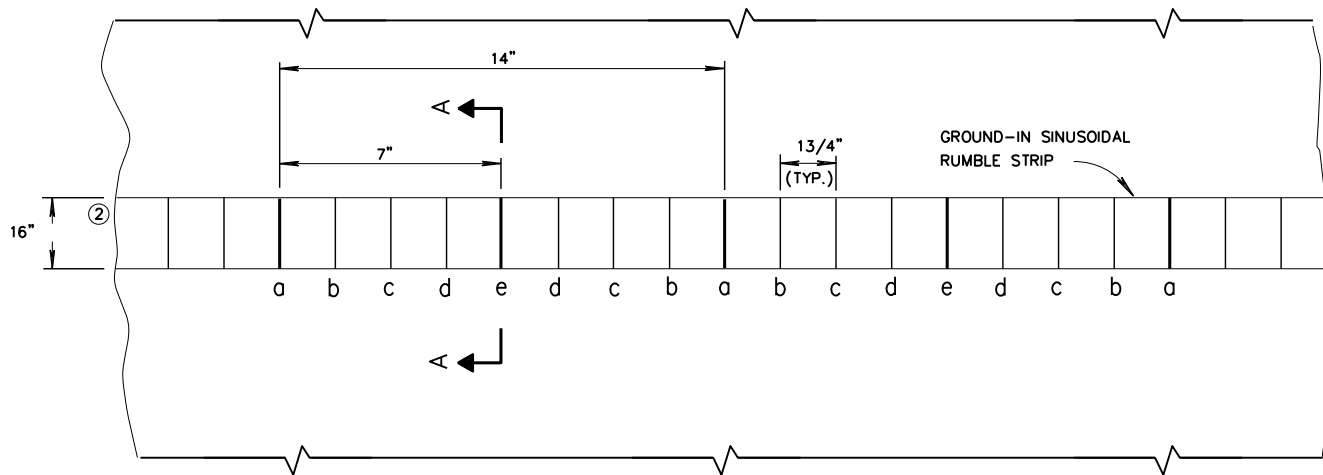
* NOTE: ALL SQUARED OPENINGS IN ISLAND FOR SIGN PLACEMENTS SHALL BE 18" SQUARE UNLESS REVISED BY PROJECT ENGINEER.



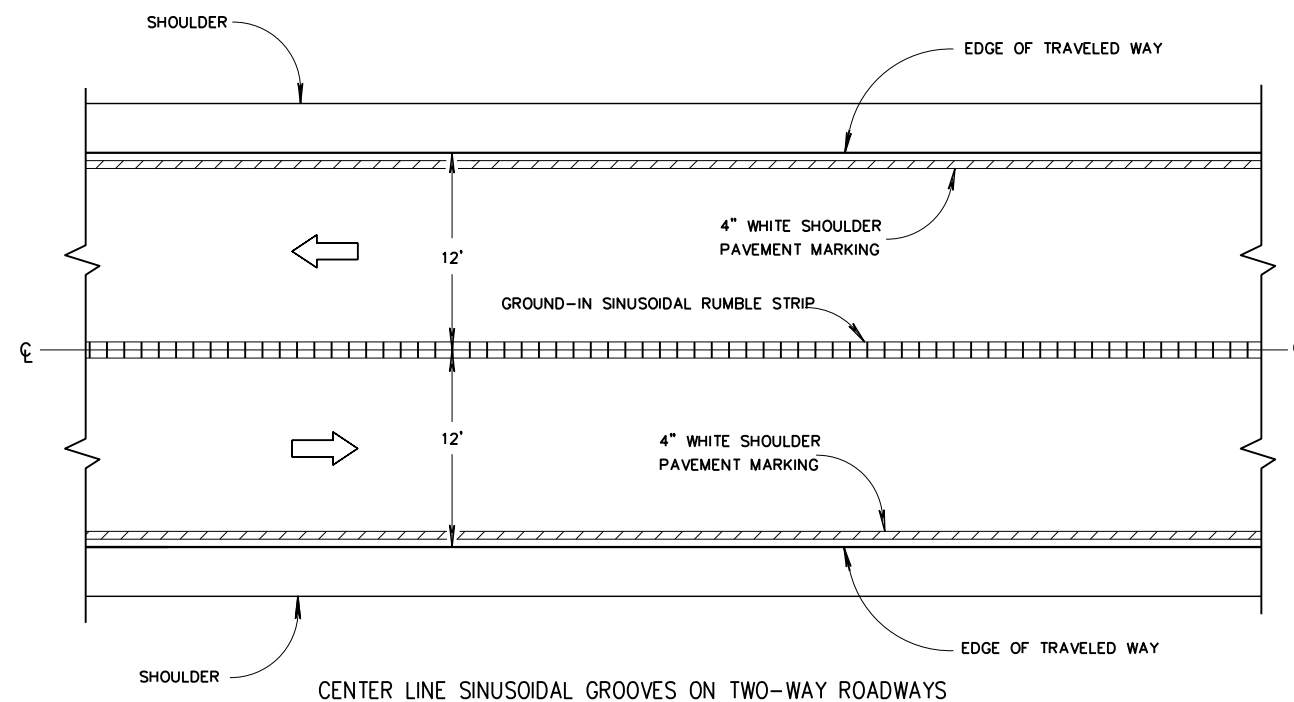
DETAIL OF CURB & GUTTER INSTALLATION



TEMPORARY PAVEMENT MARKING DETAIL



LOCATION	DEPTH INCHES
a	1/16"
b	5/32"
c	9/32"
d	7/16"
e	1/2"



CENTER LINE SINUSOIDAL GROOVES ON TWO-WAY ROADWAYS

TWO-LANE RURAL CENTER LINE SINUSOIDAL RUMBLE STRIP, MILLING ALONG ASPHALTIC ROADWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
DO NOT MILL CENTER LINE GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

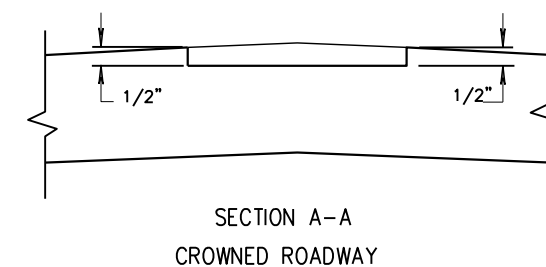
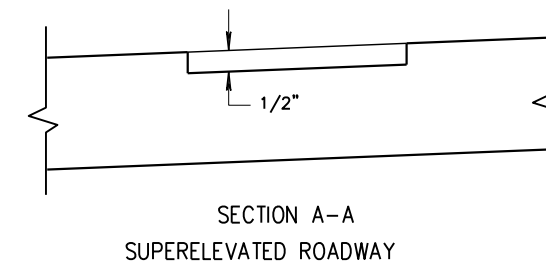
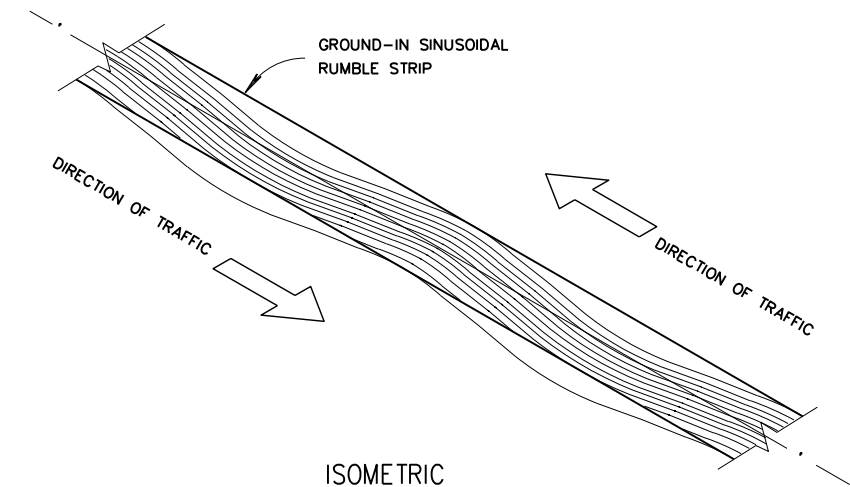
INSTALL PAVEMENT MARKING AFTER THE GROOVES ARE INSTALLED.

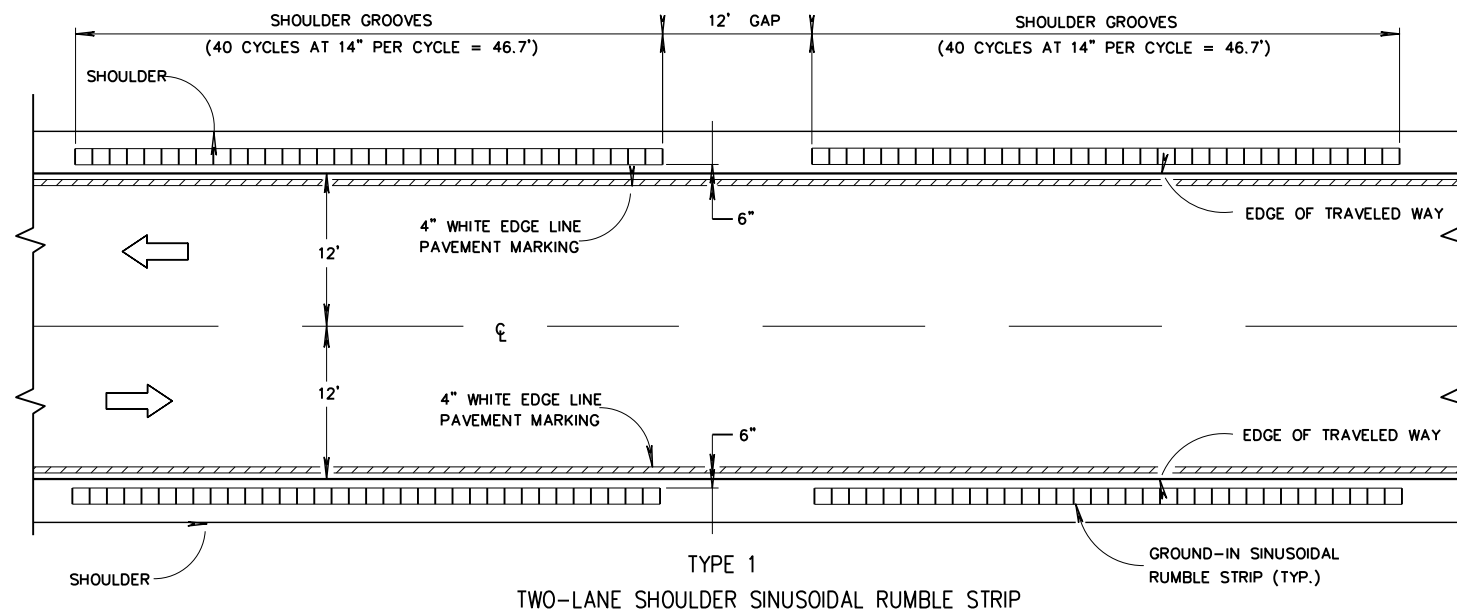
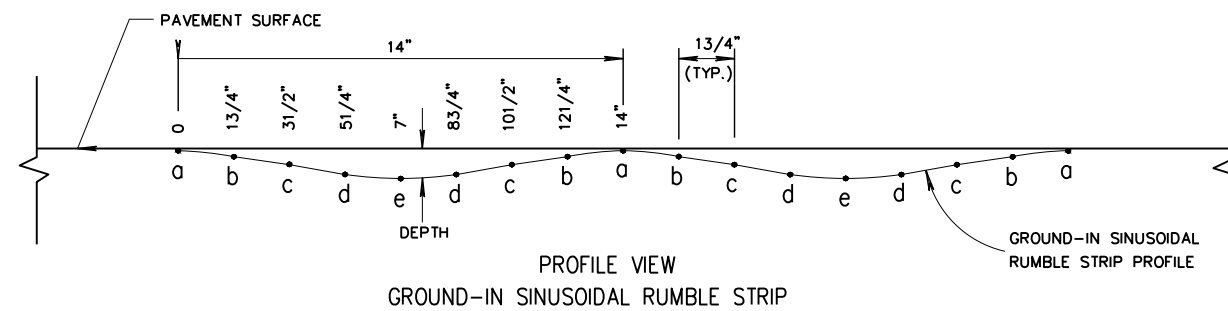
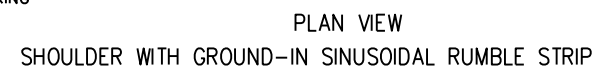
SEE SIGNING PLAN FOR SIGN REQUIREMENTS THAT MAY BE NEEDED.

THE WIDTH OF THE GROOVE WILL BE 16 INCHES.

THE PAVEMENT MARKINGS WILL BE ENTIRELY INSIDE THE RUMBLE STRIP.

- CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.
- SEE CONTRACT PLANS FOR SINUSOIDAL STRIP WIDTH.



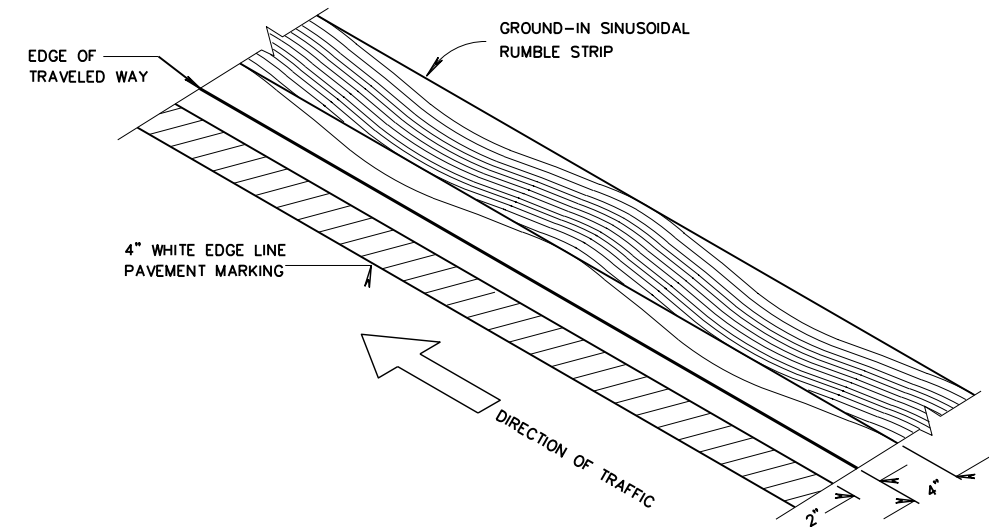


TWO-LANE RURAL SHOULDER SINUSOIDAL RUMBLE STRIP, MILLING ALONG ASPHALTIC ROADWAYS

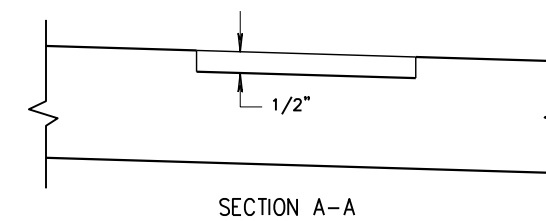
LOCATION	DEPTH INCHES
a	1/16"
b	5/32"
c	9/32"
d	7/16"
e	1/2"

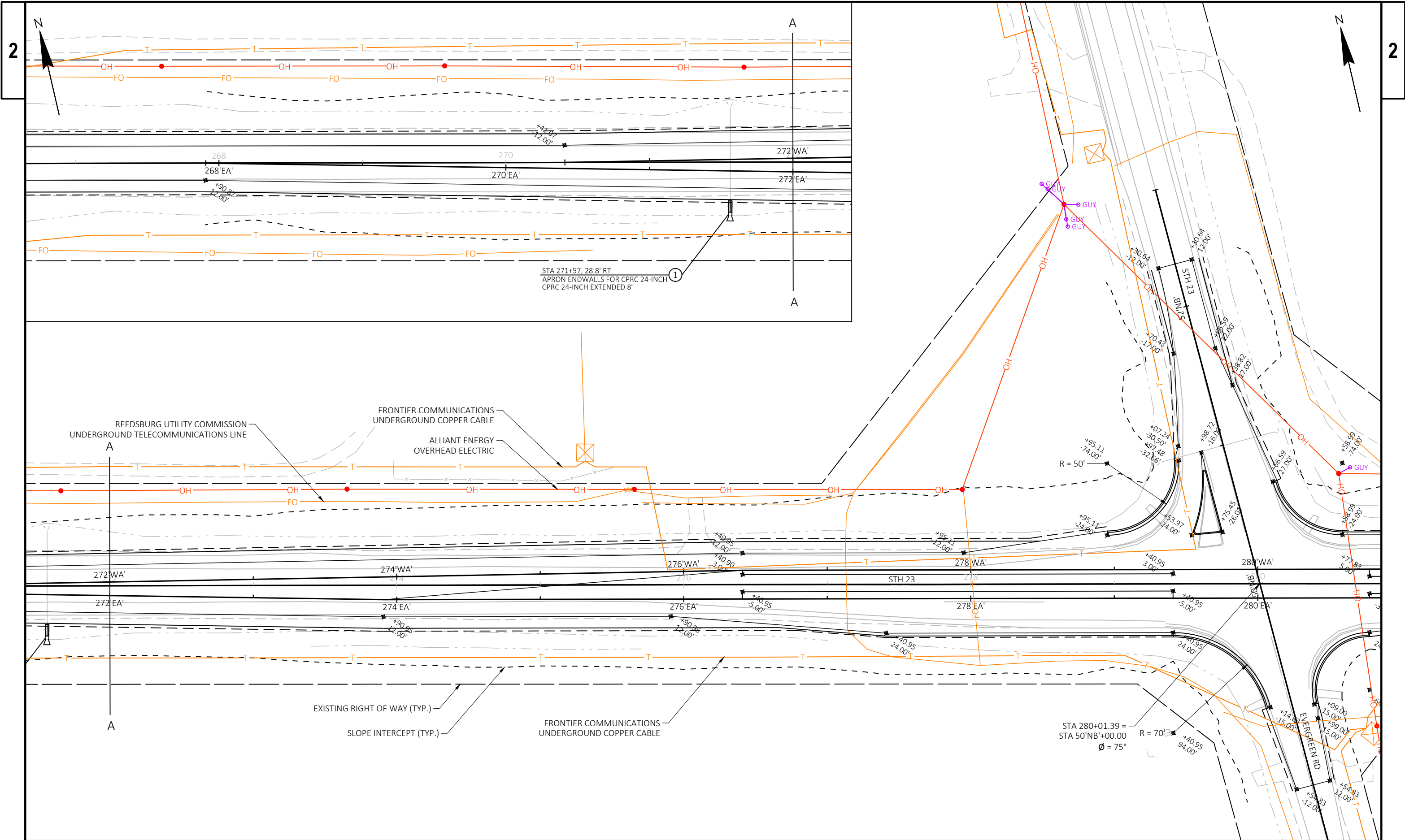
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

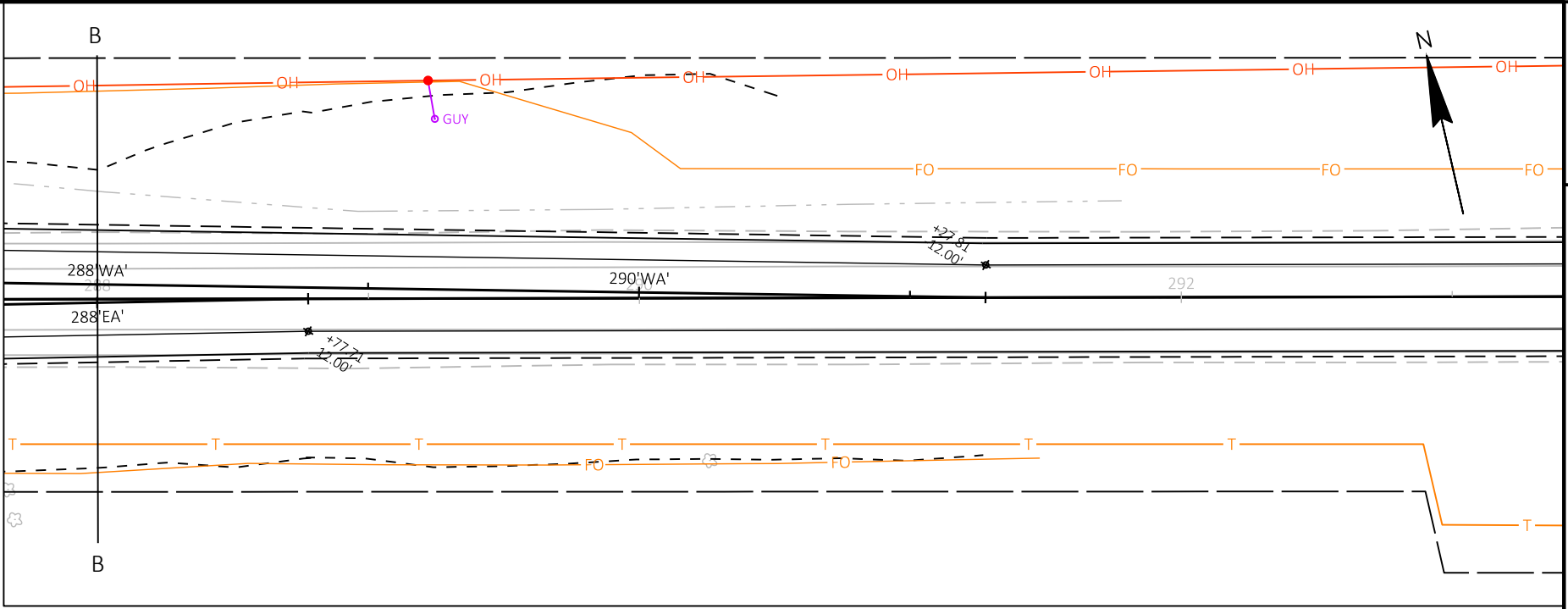
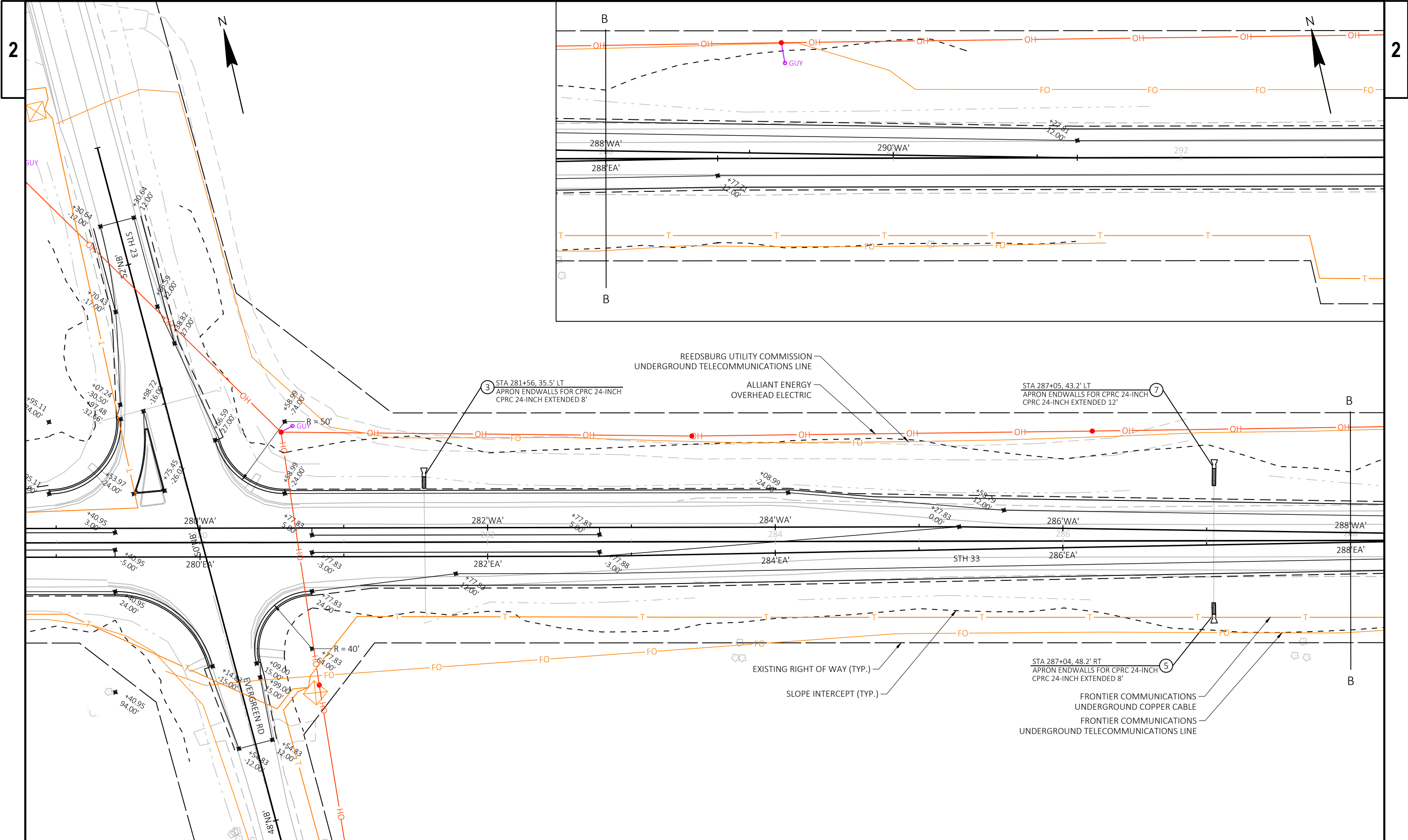
- ① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.

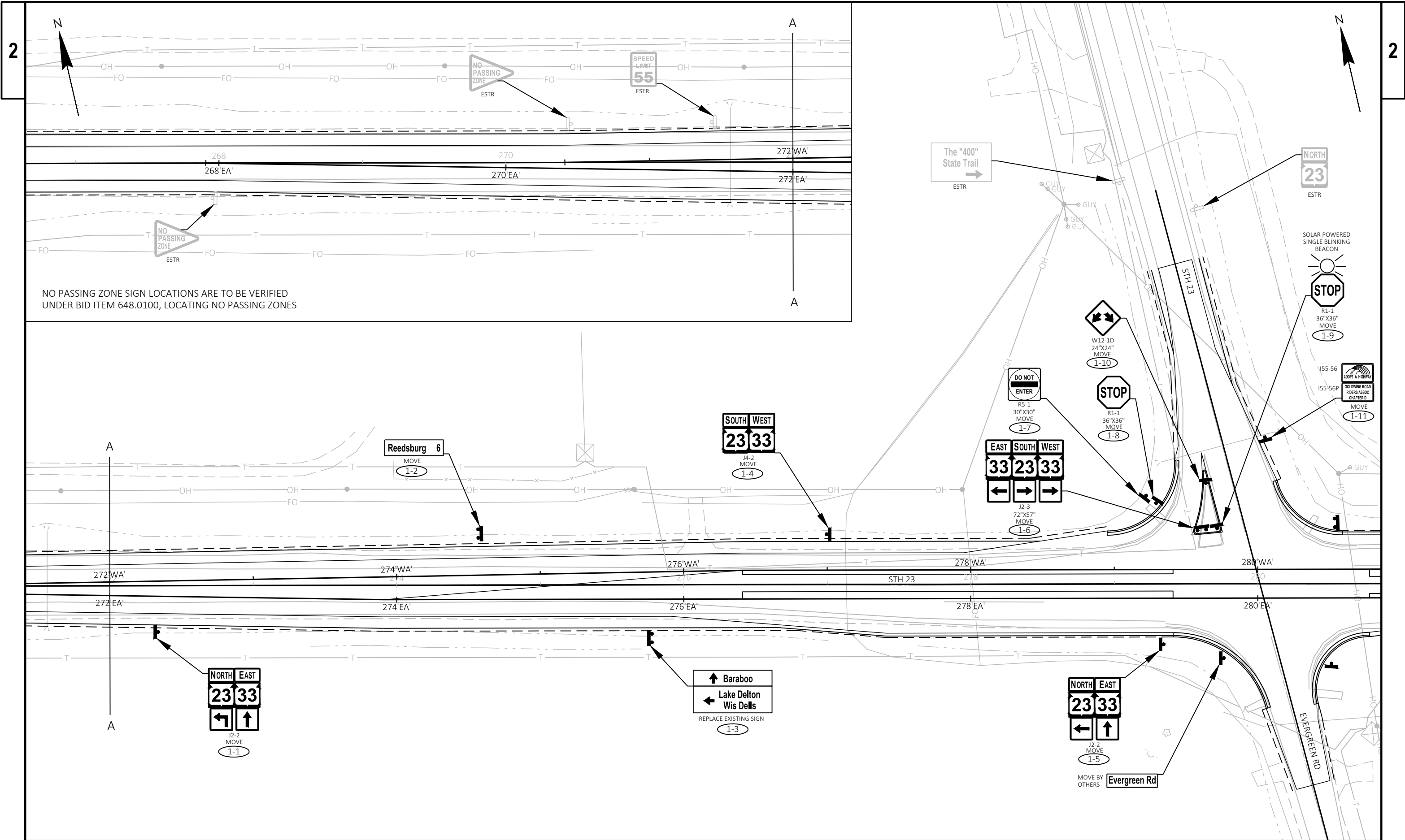


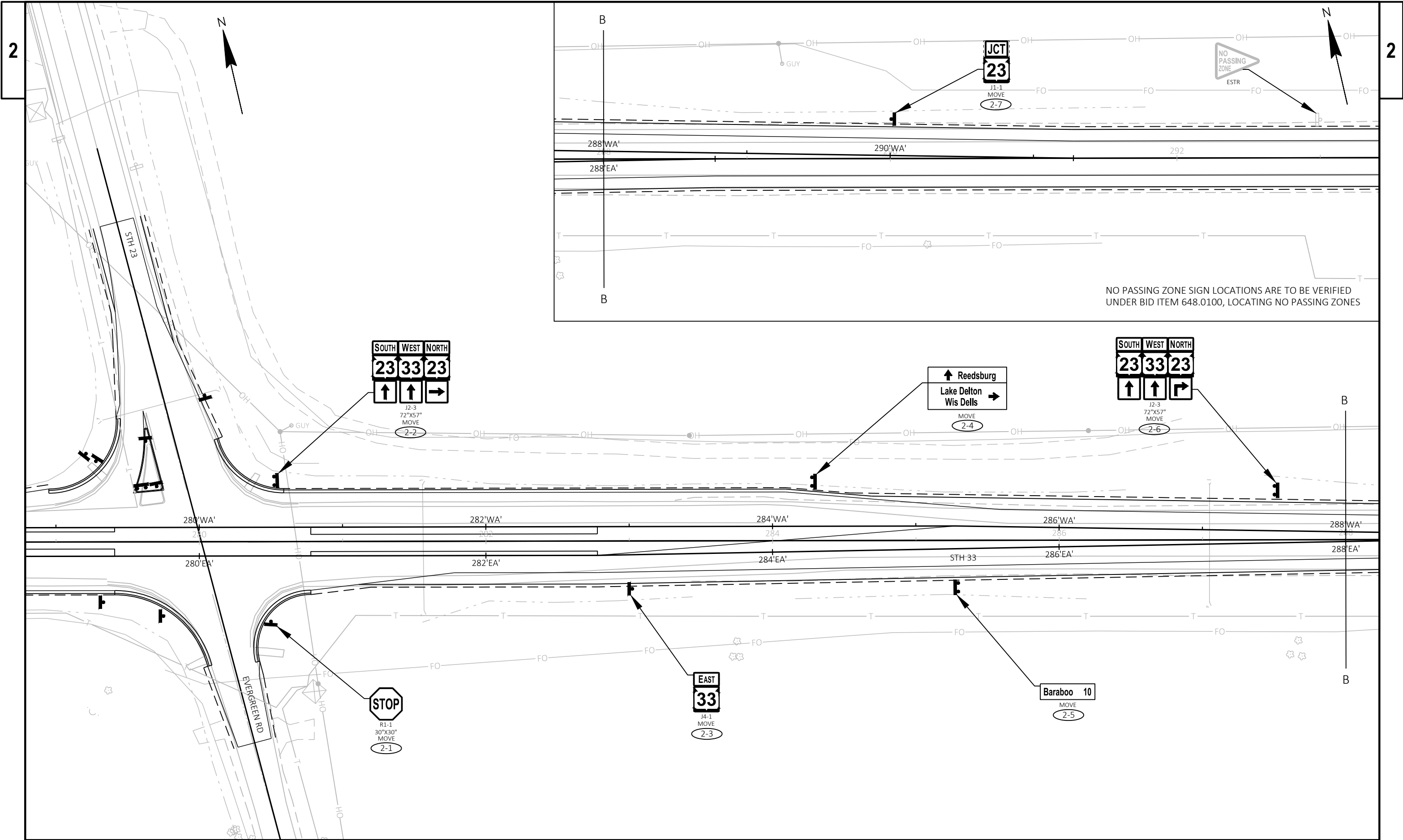
ISOMETRIC

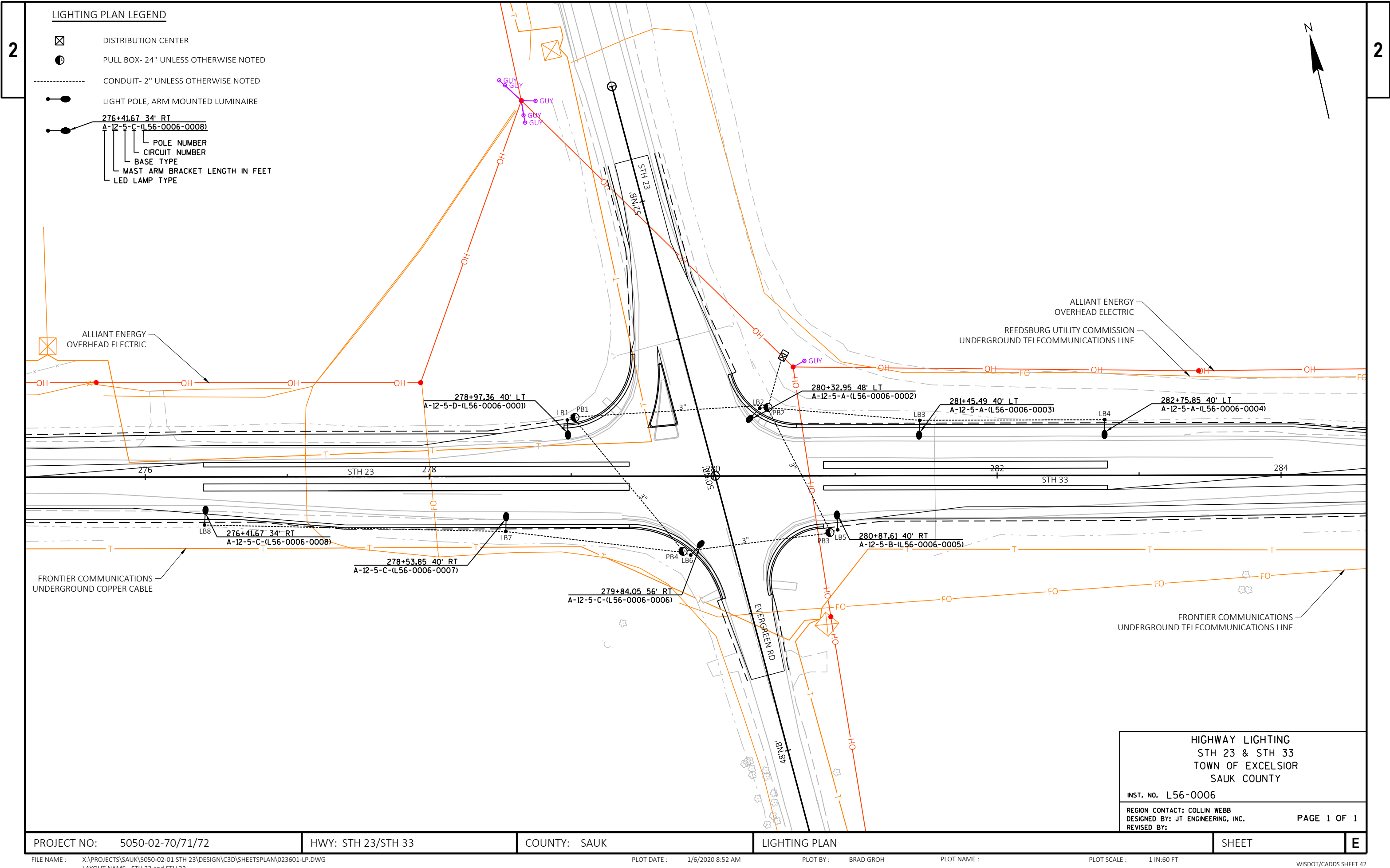












LIGHTING PLAN LEGEND

- DISTRIBUTION CENTER
- PULL BOX- 24" UNLESS OTHERWISE NOTED
- CONDUIT- 2" UNLESS OTHERWISE NOTED
- LIGHT POLE, ARM MOUNTED LUMINAIRE
- 276+41.67 34' RT
A-12-5-C-(L56-0006-0008)

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

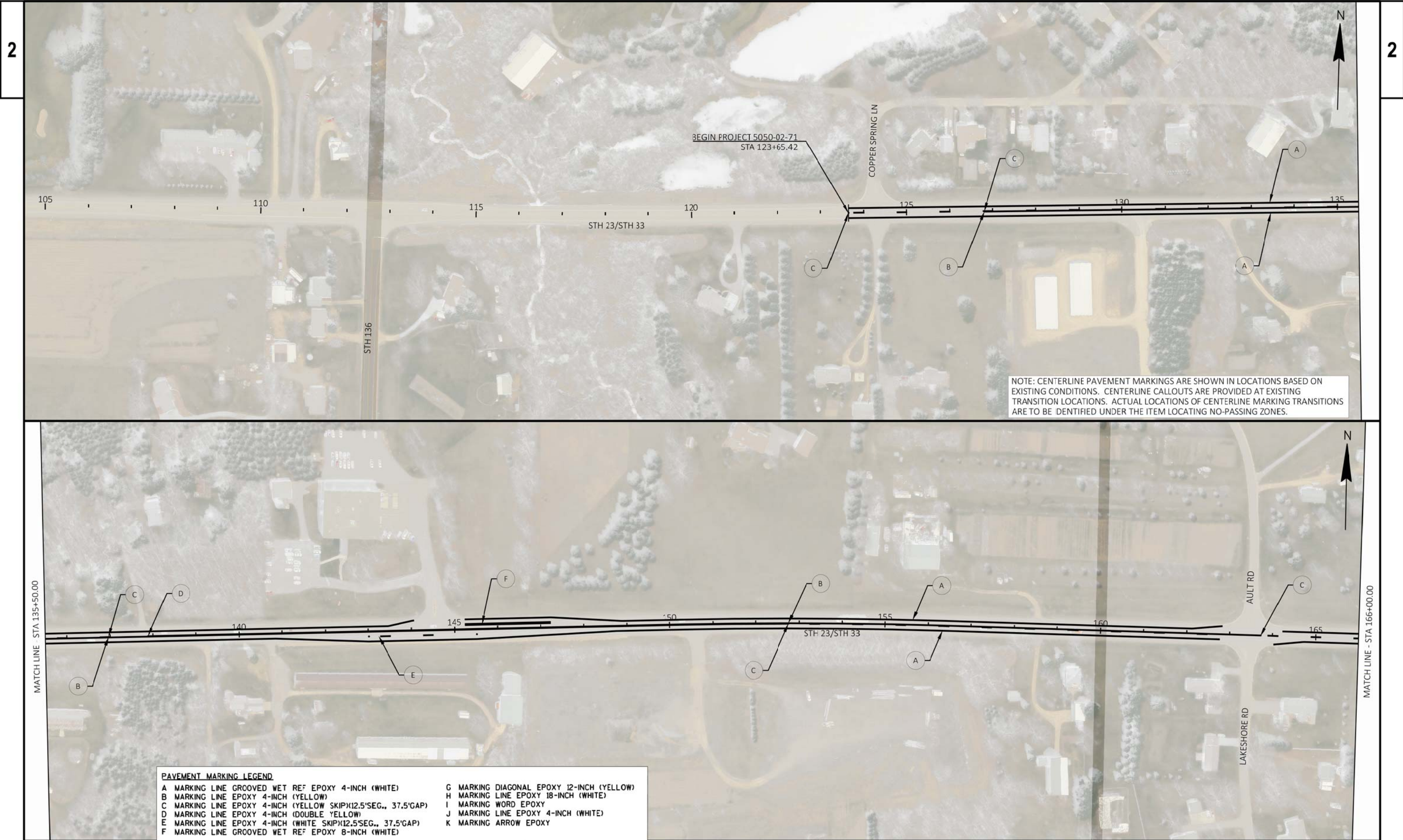
HIGHWAY LIGHTING
STH 23 & STH 33
TOWN OF EXCELSIOR
SAUK COUNTY

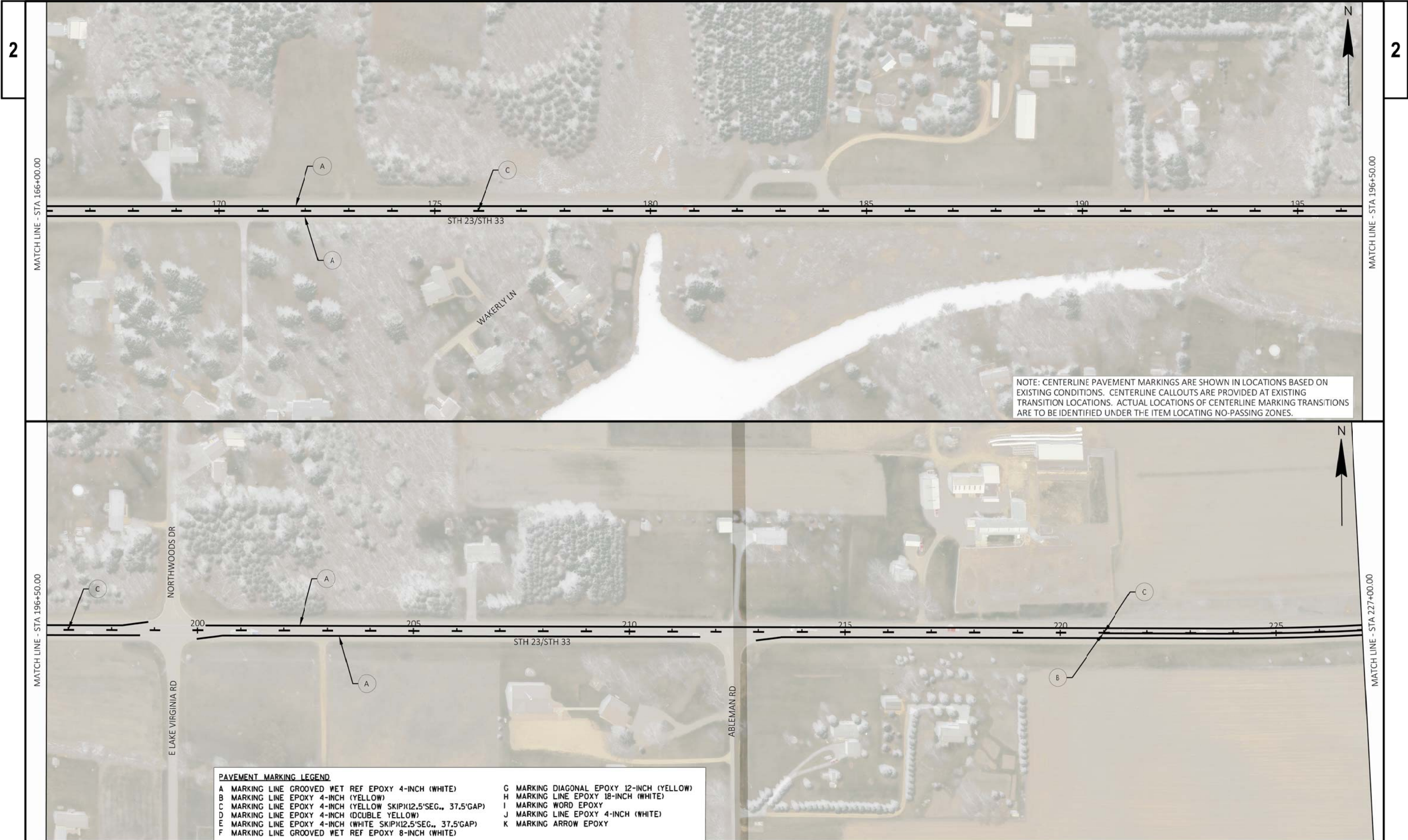
INST. NO. L56-0006

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

PAGE 1 OF 1

PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	LIGHTING PLAN	SHEET	E
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MATCH LINE - STA 166+00.00

MATCH LINE - STA 196+50.00

MATCH LINE - STA 196+50.00

MATCH LINE - STA 227+00.00

PAVEMENT MARKING LEGEND			
A	MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)	G	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
B	MARKING LINE EPOXY 4-INCH (YELLOW)	H	MARKING LINE EPOXY 18-INCH (WHITE)
C	MARKING LINE EPOXY 4-INCH (YELLOW SKIP)(12.5'SEG., 37.5'GAP)	I	MARKING WORD EPOXY
D	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	J	MARKING LINE EPOXY 4-INCH (WHITE)
E	MARKING LINE EPOXY 4-INCH (WHITE SKIP)(12.5'SEG., 37.5'GAP)	K	MARKING ARROW EPOXY
F	MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)		

MATCH LINE - STA 227+00.00

MATCH LINE - STA 257+50.00

NOTE: CENTERLINE PAVEMENT MARKINGS ARE SHOWN IN LOCATIONS BASED ON EXISTING CONDITIONS. CENTERLINE CALLOUTS ARE PROVIDED AT EXISTING TRANSITION LOCATIONS. ACTUAL LOCATIONS OF CENTERLINE MARKING TRANSITIONS ARE TO BE IDENTIFIED UNDER THE ITEM LOCATING NO-PASSING ZONES.

MATCH LINE - STA 257+50.00

MATCH LINE - STA 288+00.00

PAVEMENT MARKING LEGEND

- | | |
|---|---|
| A MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) | G MARKING DIAGONAL EPOXY 12-INCH (YELLOW) |
| B MARKING LINE EPOXY 4-INCH (YELLOW) | H MARKING LINE EPOXY 18-INCH (WHITE) |
| C MARKING LINE EPOXY 4-INCH (YELLOW SKIP)(2.5'SEG., 37.5'GAP) | I MARKING WORD EPOXY |
| D MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW) | J MARKING LINE EPOXY 4-INCH (WHITE) |
| E MARKING LINE EPOXY 4-INCH (WHITE SKIP)(2.5'SEG., 37.5'GAP) | K MARKING ARROW EPOXY |
| F MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) | |

PROJECT NO: 5050-02-70/71/72

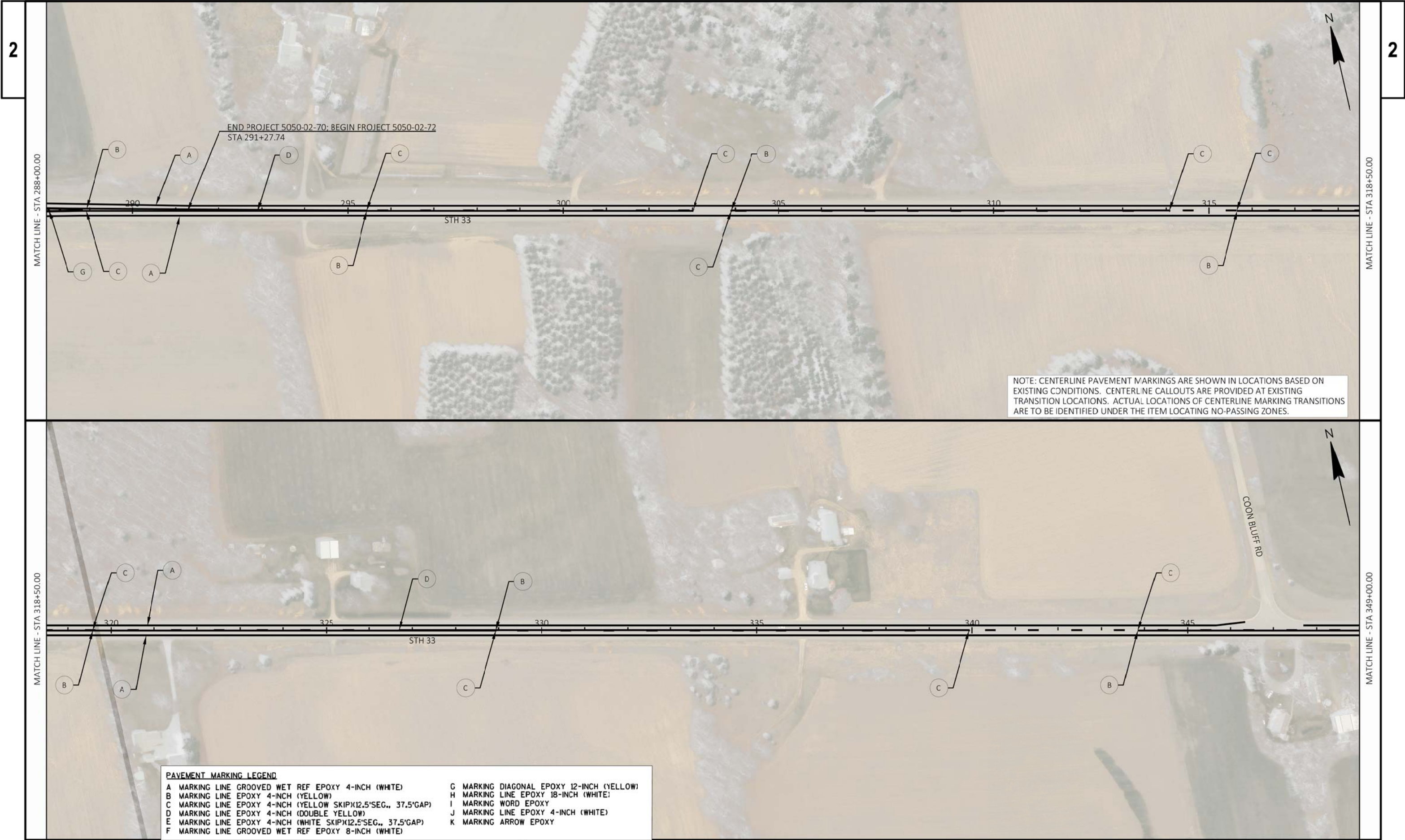
HWY: STH 23/STH 33

COUNTY: SAUK

PAVEMENT MARKING

SHEET

E



MATCH LINE - STA 349+00.00



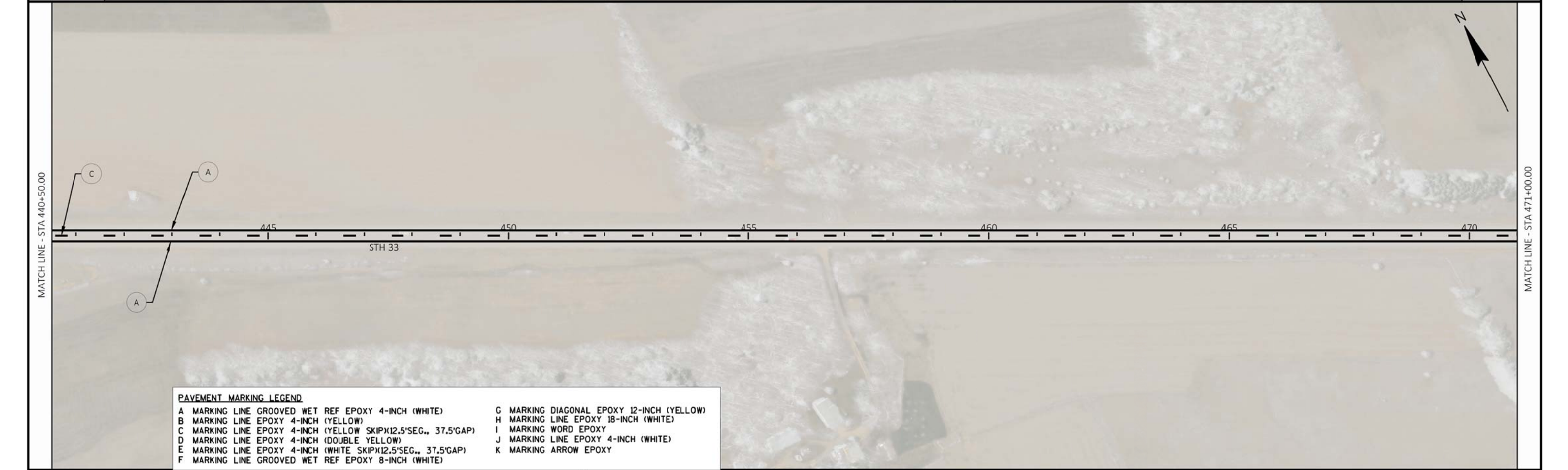
MATCH LINE - STA 379+50.00

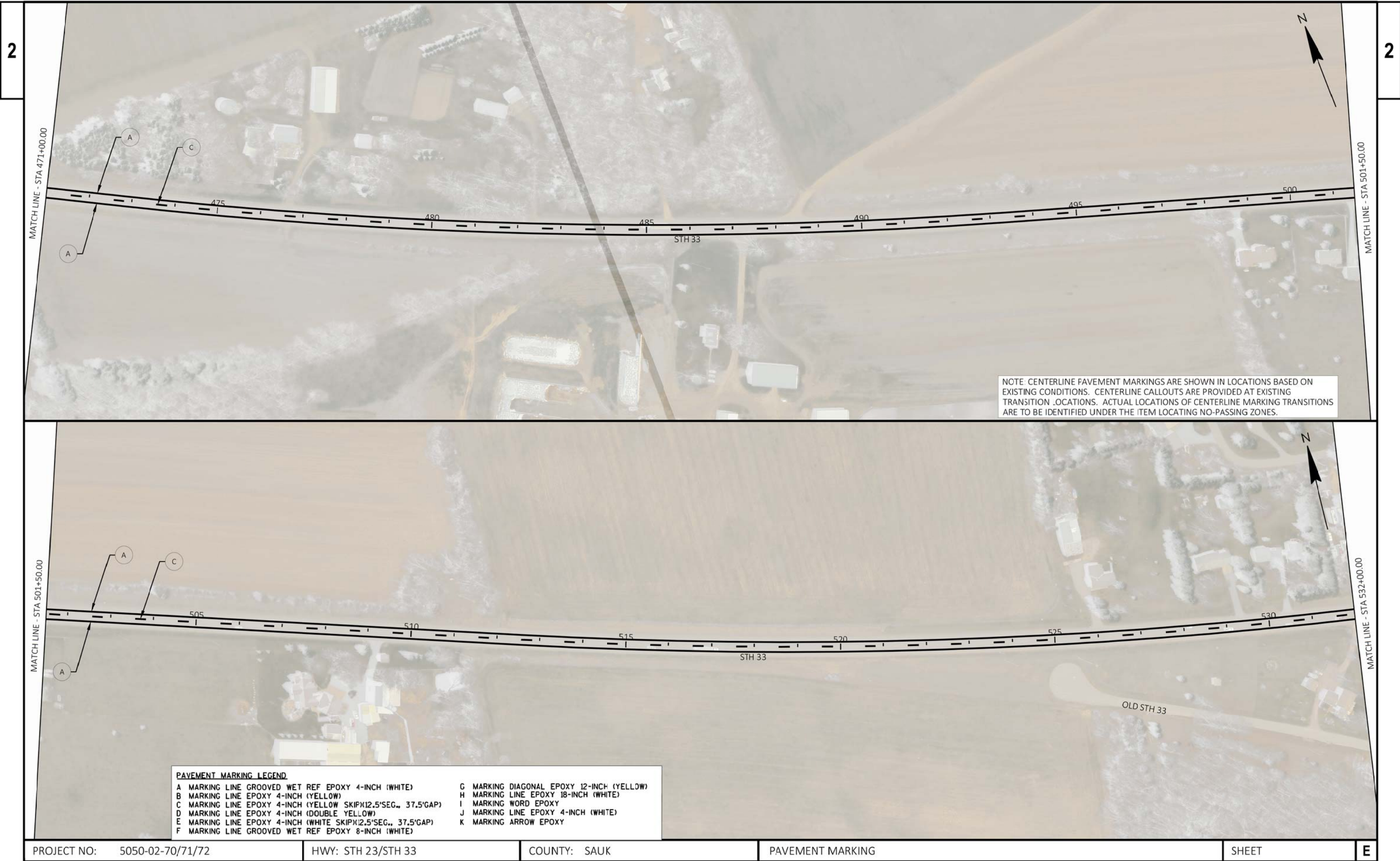
MATCH LINE - STA 379+50.00

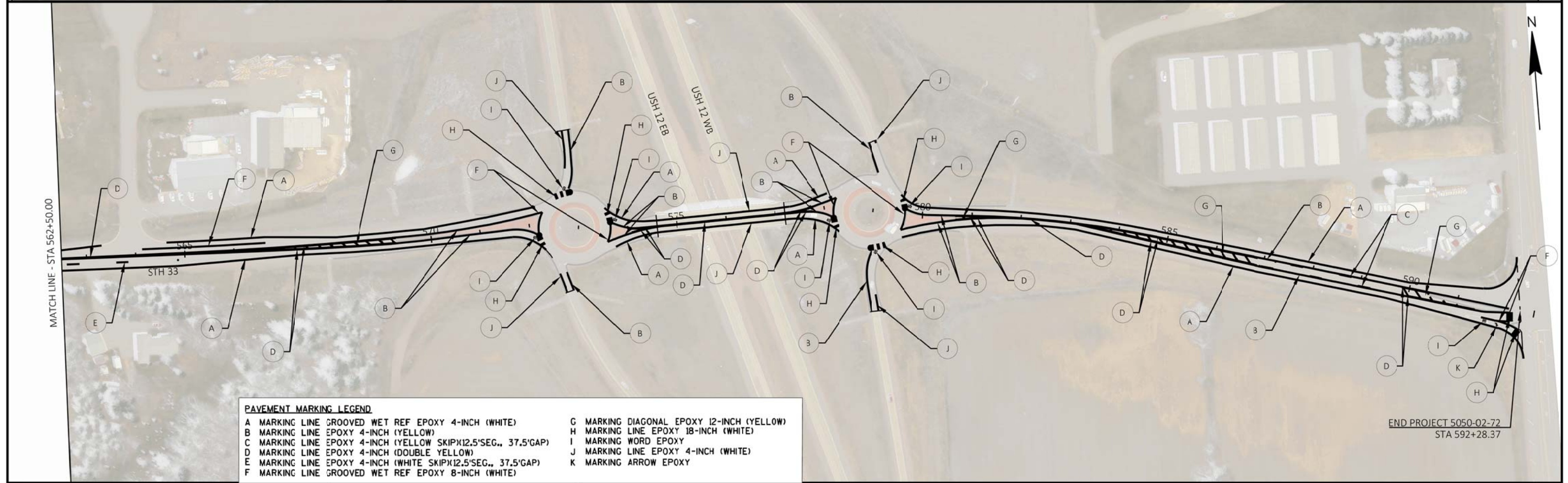


MATCH LINE - STA 410+00.00

PAVEMENT MARKING LEGEND			
A	MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)	G	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
B	MARKING LINE EPOXY 4-INCH (YELLOW)	H	MARKING LINE EPOXY 18-INCH (WHITE)
C	MARKING LINE EPOXY 4-INCH (YELLOW SKIP)(2.5'SEG., 37.5'GAP)	I	MARKING WORD EPOXY
D	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	J	MARKING LINE EPOXY 4-INCH (WHITE)
E	MARKING LINE EPOXY 4-INCH (WHITE SKIP)(2.5'SEG., 37.5'GAP)	K	MARKING ARROW EPOXY
F	MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)		







PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	PAVEMENT MARKING	SHEET	E
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GENERAL TRAFFIC CONTROL NOTES

DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTOR METHODS OR SEQUENCE OF OPERATIONS

ALL "W" AND "WO" SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED, OR AS PROVIDED FOR IN SDD'S, AND SHALL HAVE REFLECTIVE FLUORESCENT DIAMOND GRADE SHEETING.

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

ALL SIGNS INAPPROPRIATE TO THE STATUS OF TRAFFIC CONTROL, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

"WO" SIGNS ARE THE SAME AS "W" SIGNS, EXCEPT THE BACKGROUND SHALL BE ORANGE.

WARNING LIGHTS SHALL NOT BE WORKING ON "COVERED" OR "DOWNED" SIGNS OR BARRICADES.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" LIGHTS.

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

ALL R11-2, R11-3, AND R11-4 SIGNS SHALL BE ATTACHED ONLY TO THE TOP RAIL OF THE TYPE III BARRICADE. THE SIGNS SHALL NOT COVER THE MIDDLE RAIL.

TYPE "H" REFLECTIVE SHEETING SHALL BE USED ON ALL BARRICADES AND ON R11-2, R11-3, AND R11-4 SIGNS.

ALL TYPE III BARRICADES SHALL HAVE AN EQUIVALENT WIDTH OF 8 FEET.

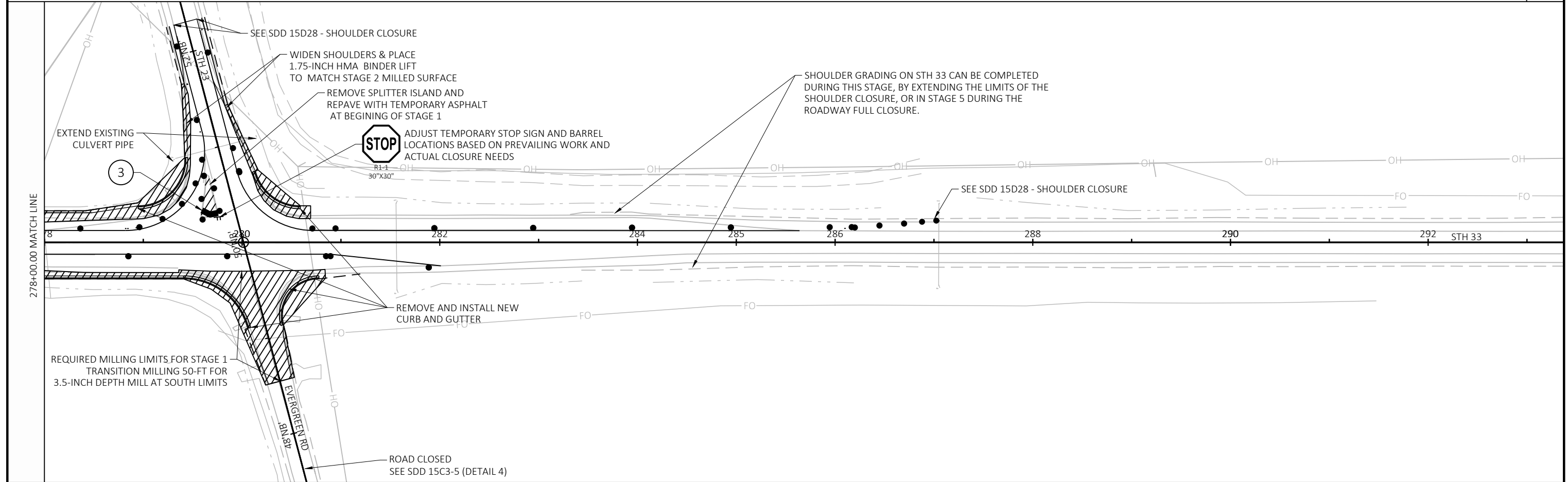
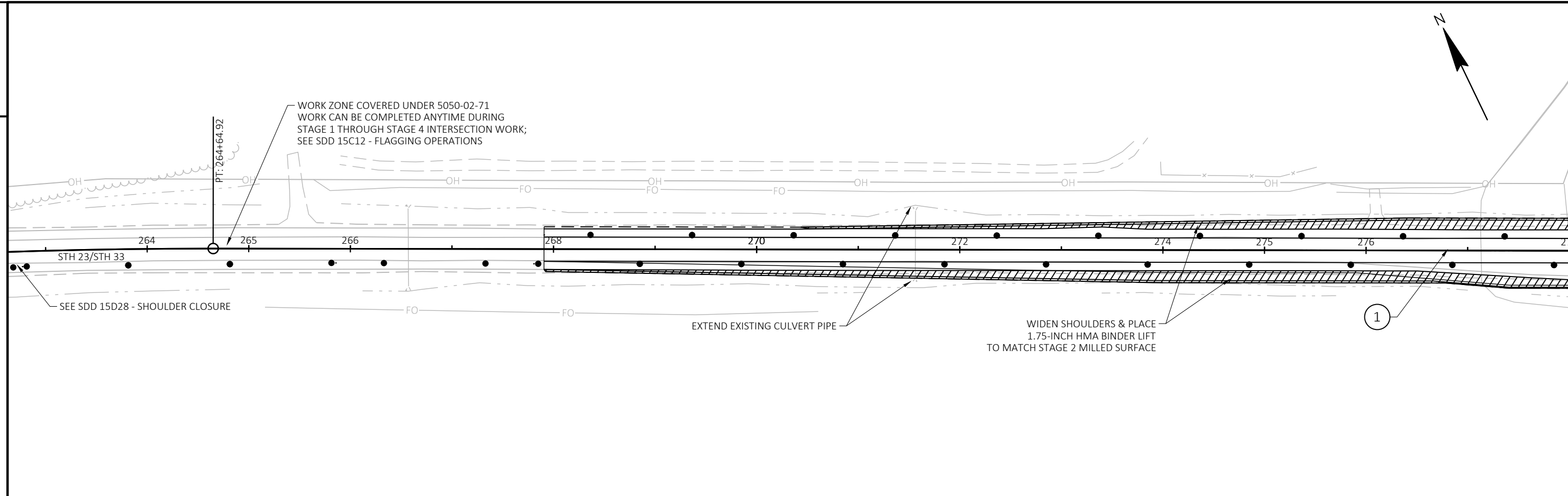
DETAILS OF TRAFFIC CONTROL DEVICES AND THEIR LOCATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISCONSIN MANUAL OF TRAFFIC CONTROL DEVICES, THE PLANS, SPECIFICATIONS, AND CONTRACT.

TRAFFIC CONTROL LEGEND

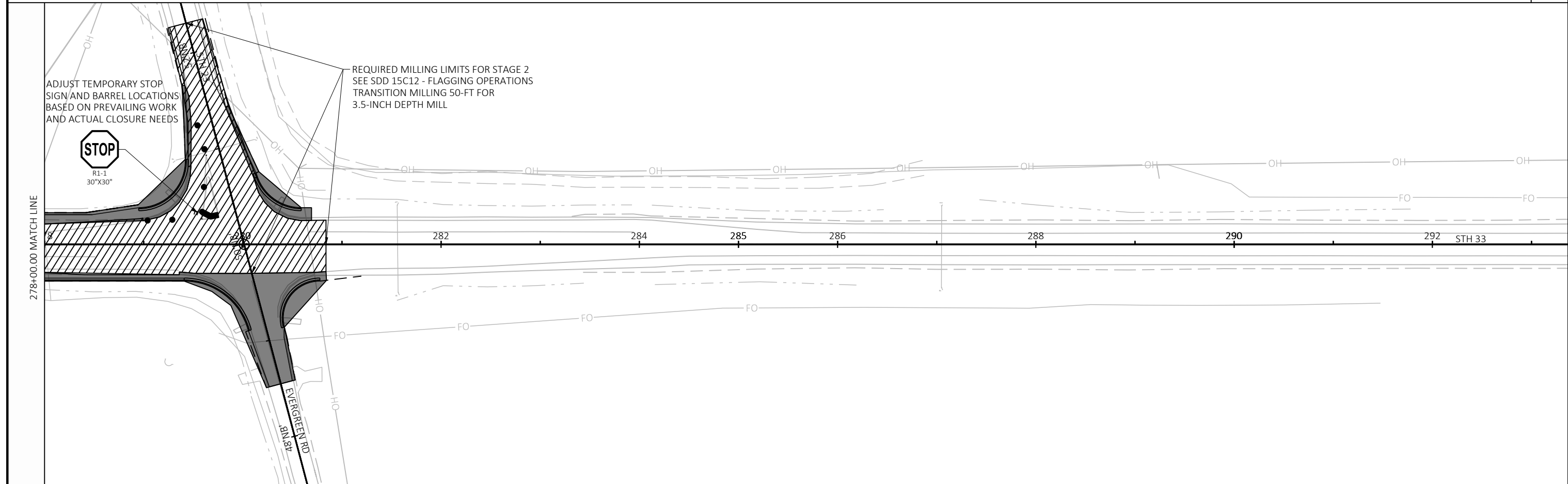
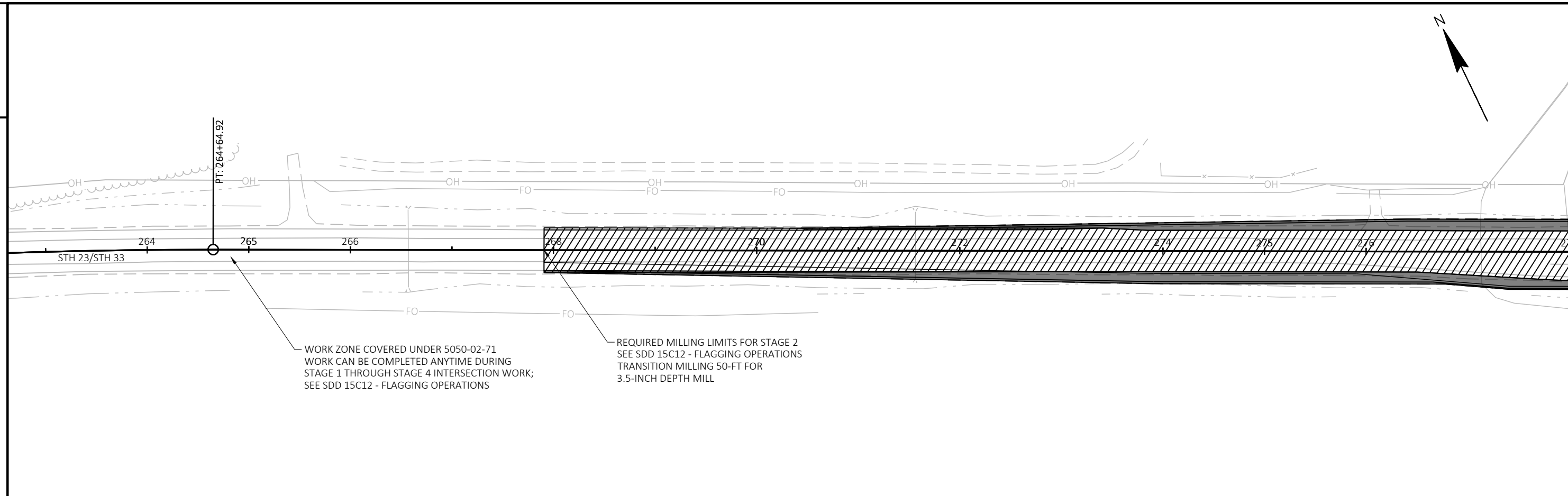
	TYPE III BARRICADE		TYPE A WARNING LIGHT
	TYPE III BARRICADE WTH ATTACHED SIGN		TYPE C WARNING LIGHT
	TRAFFIC CONTROL DRUM		DIRECTION OF TRAFFIC
	TRAFFIC CONTROL DRUM WITH TYPE C LIGHT		WORK AREA
	FLASHING ARROW BOARD		WORK COMPLETED IN PREVIOUS STAGE
	SIGN ON TEMPORARY SUPPORT		PORTABLE CHANGEABLE MESSAGE BOARD
	SIGN ON PERMENENT SUPPORT		

PAVEMENT MARKING LEGEND

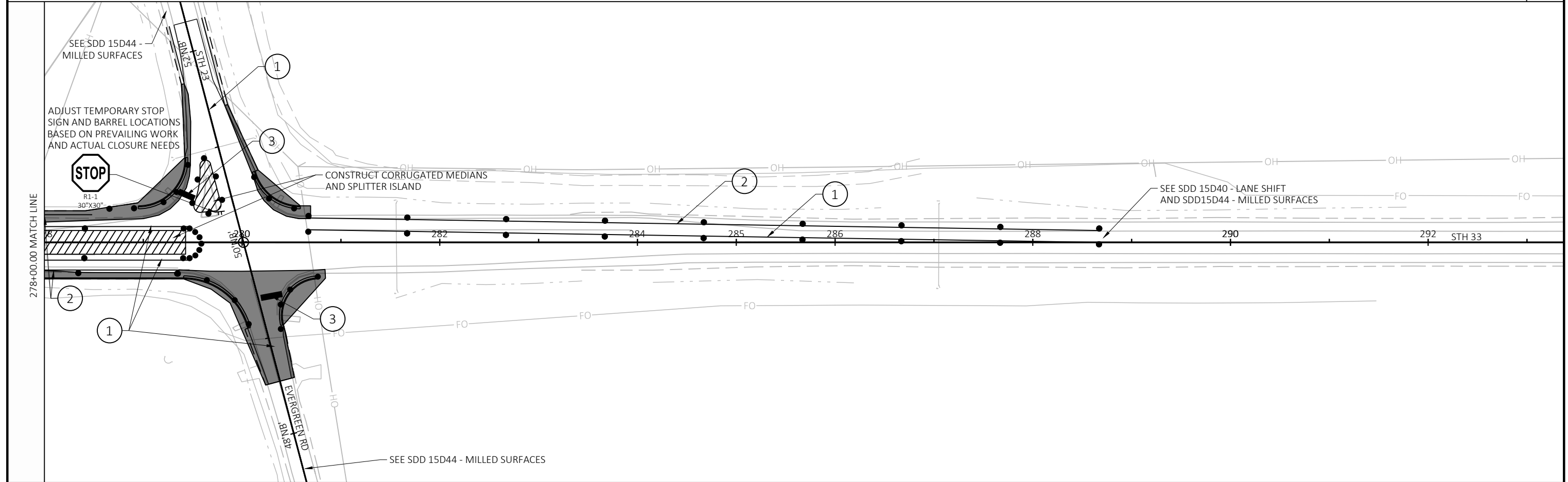
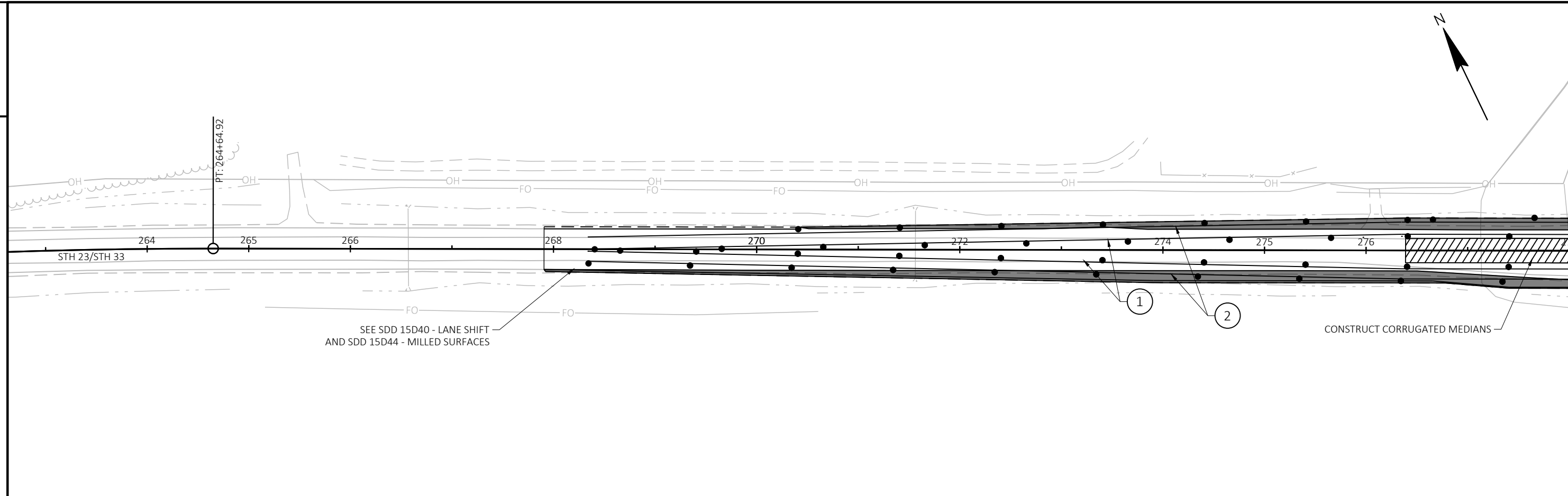
①	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW EDGE LINE)
②	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE EDGE LINE)
③	TEMPORARY MARKING STOP LINE PAINT 18-INCH



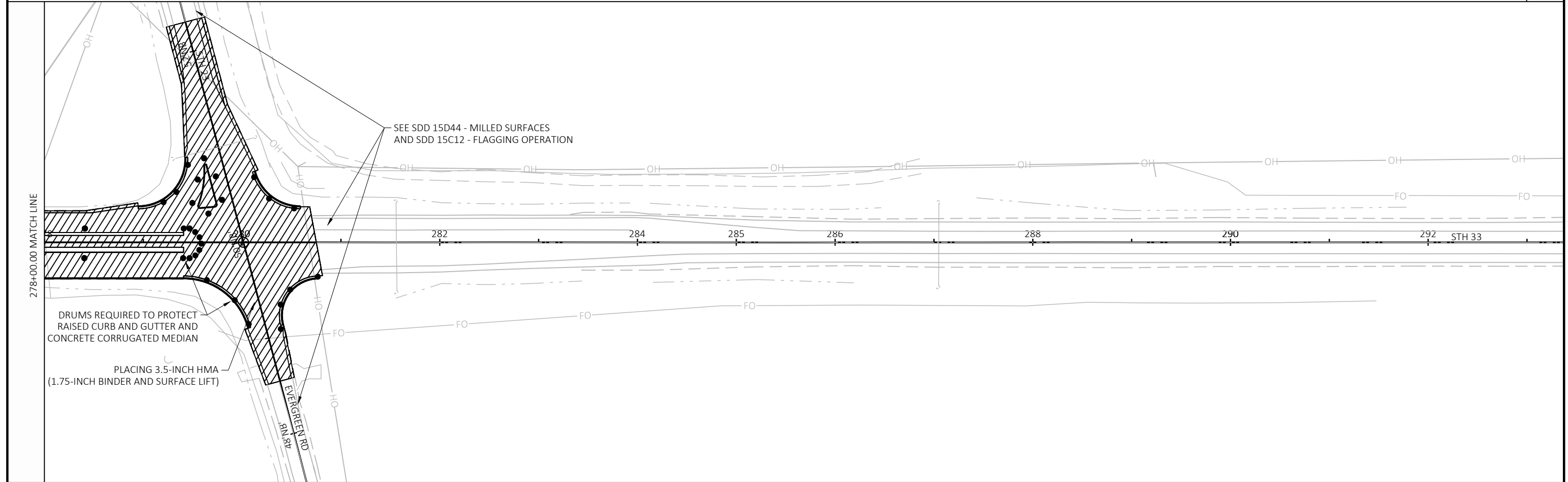
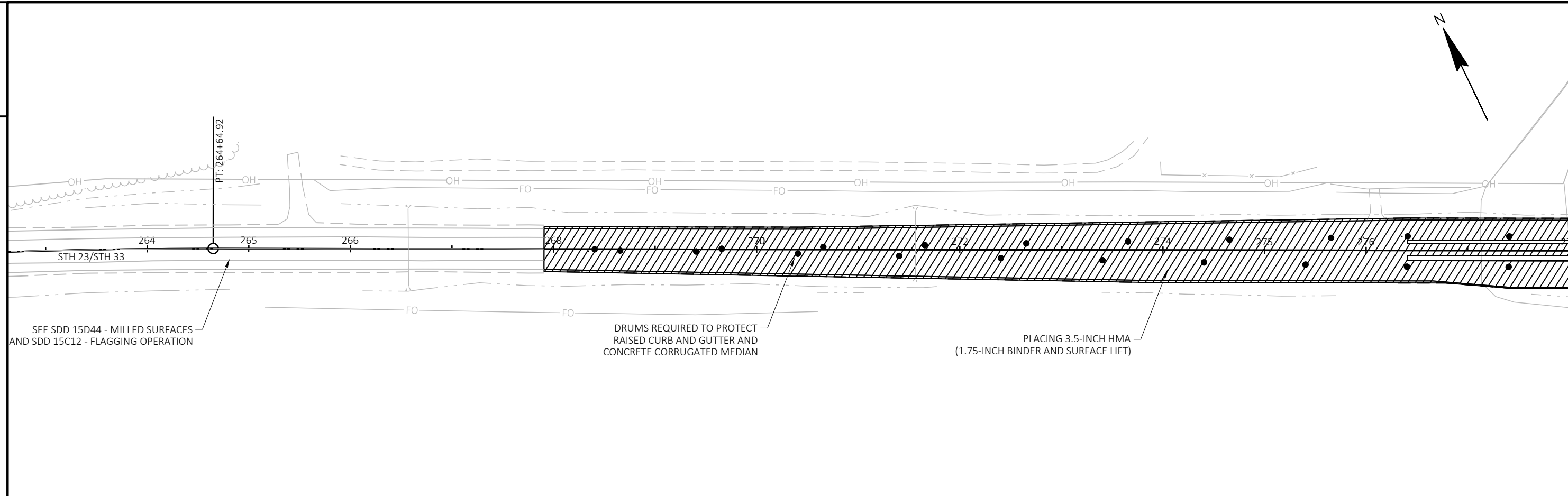
PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 1	SHEET	E
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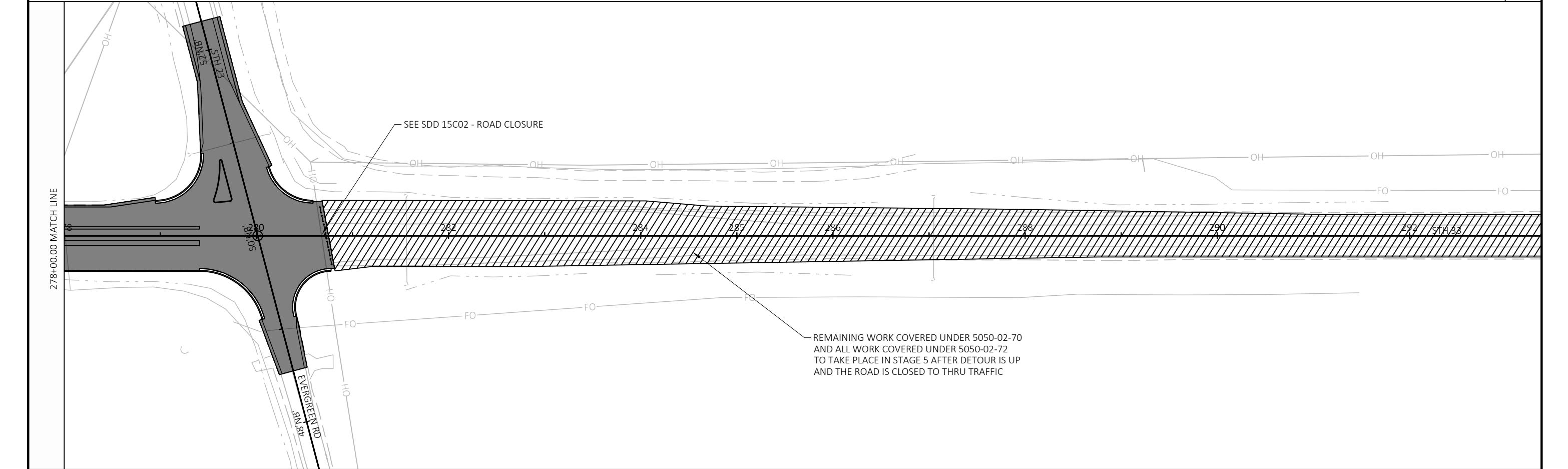
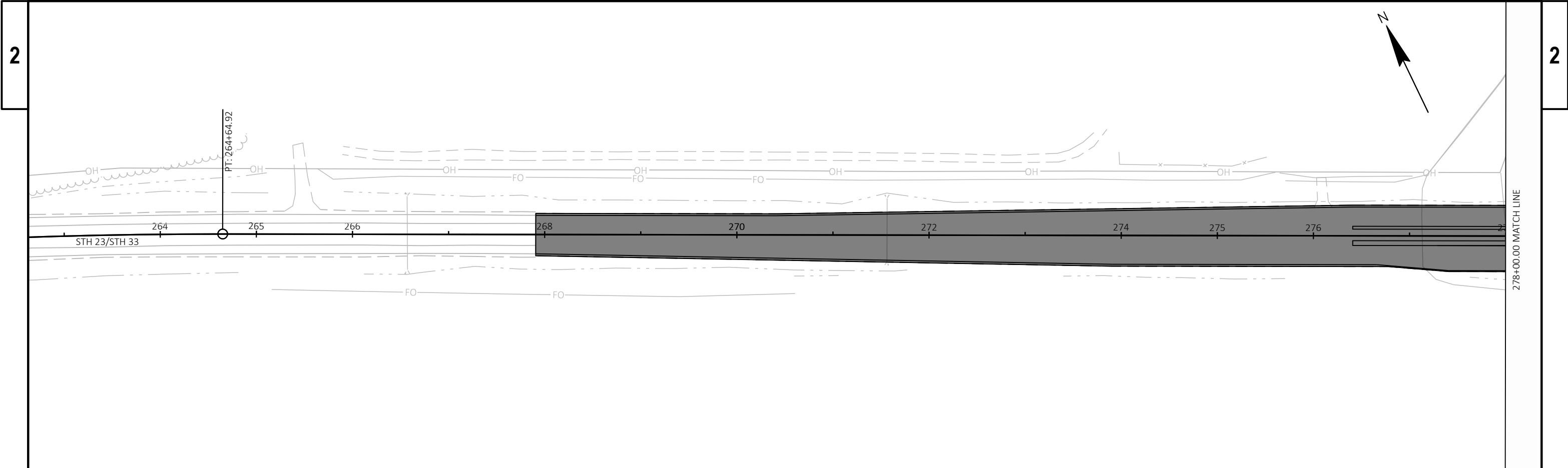
PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 2	SHEET	E
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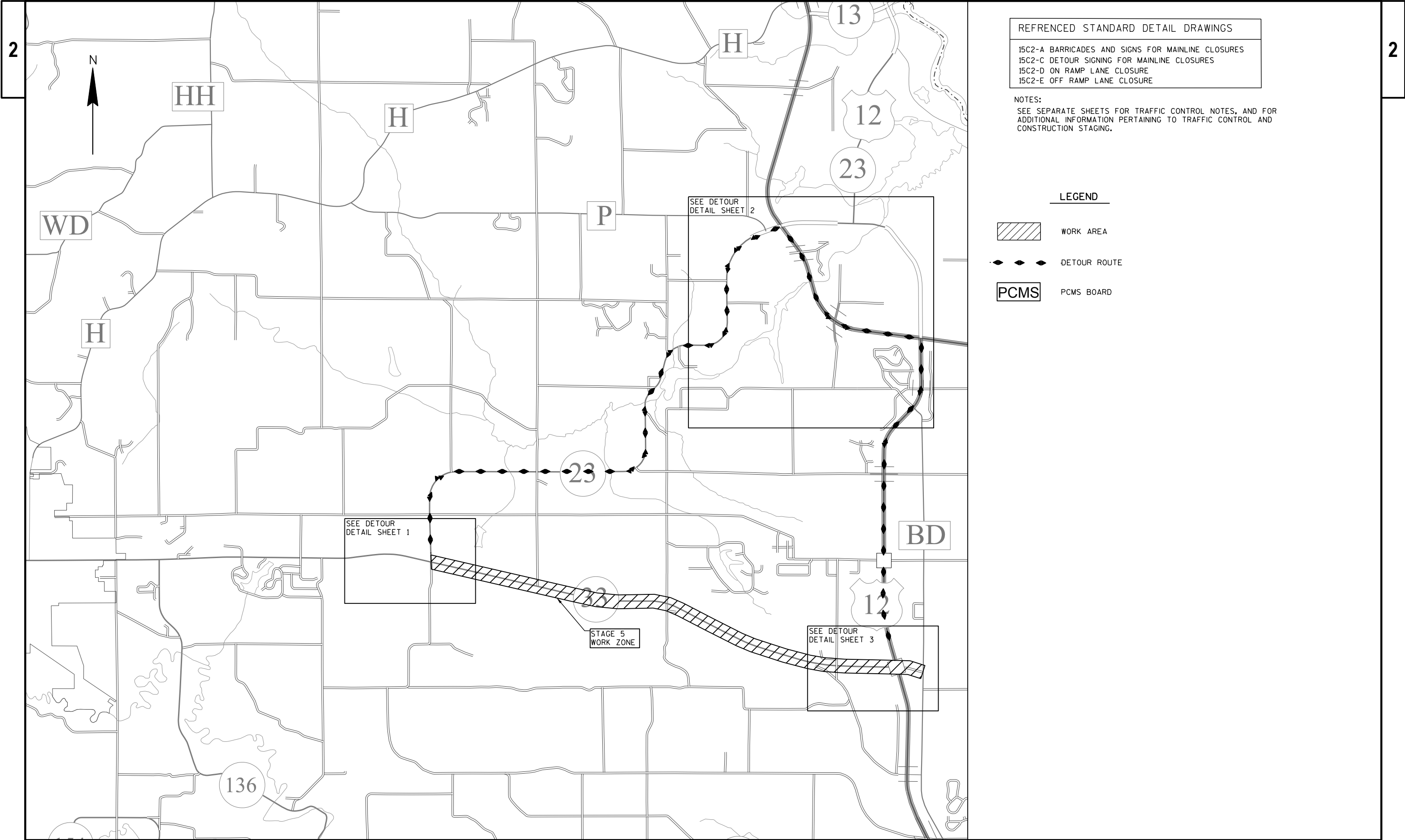
PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 3	SHEET	E
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PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 4	SHEET	E
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PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	TRAFFIC CONTROL - STAGE 5	SHEET	E
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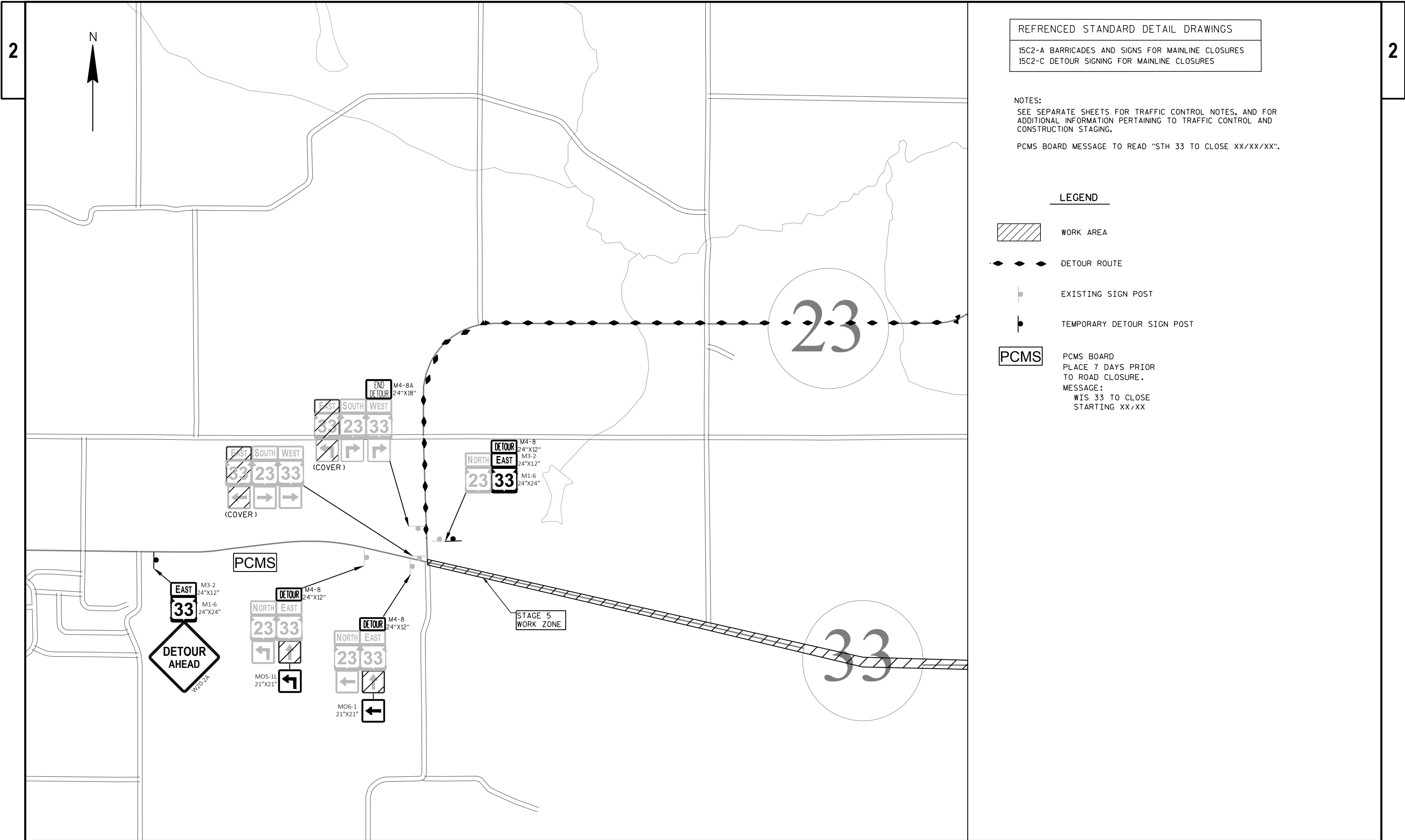


REFERENCED STANDARD DETAIL DRAWINGS
15C2-A BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C2-C DETOUR SIGNING FOR MAINLINE CLOSURES
15C2-D ON RAMP LANE CLOSURE
15C2-E OFF RAMP LANE CLOSURE

NOTES:
SEE SEPARATE SHEETS FOR TRAFFIC CONTROL NOTES, AND FOR
ADDITIONAL INFORMATION PERTAINING TO TRAFFIC CONTROL AND
CONSTRUCTION STAGING.

LEGEND

-  WORK AREA
-  DETOUR ROUTE
-  PCMS BOARD



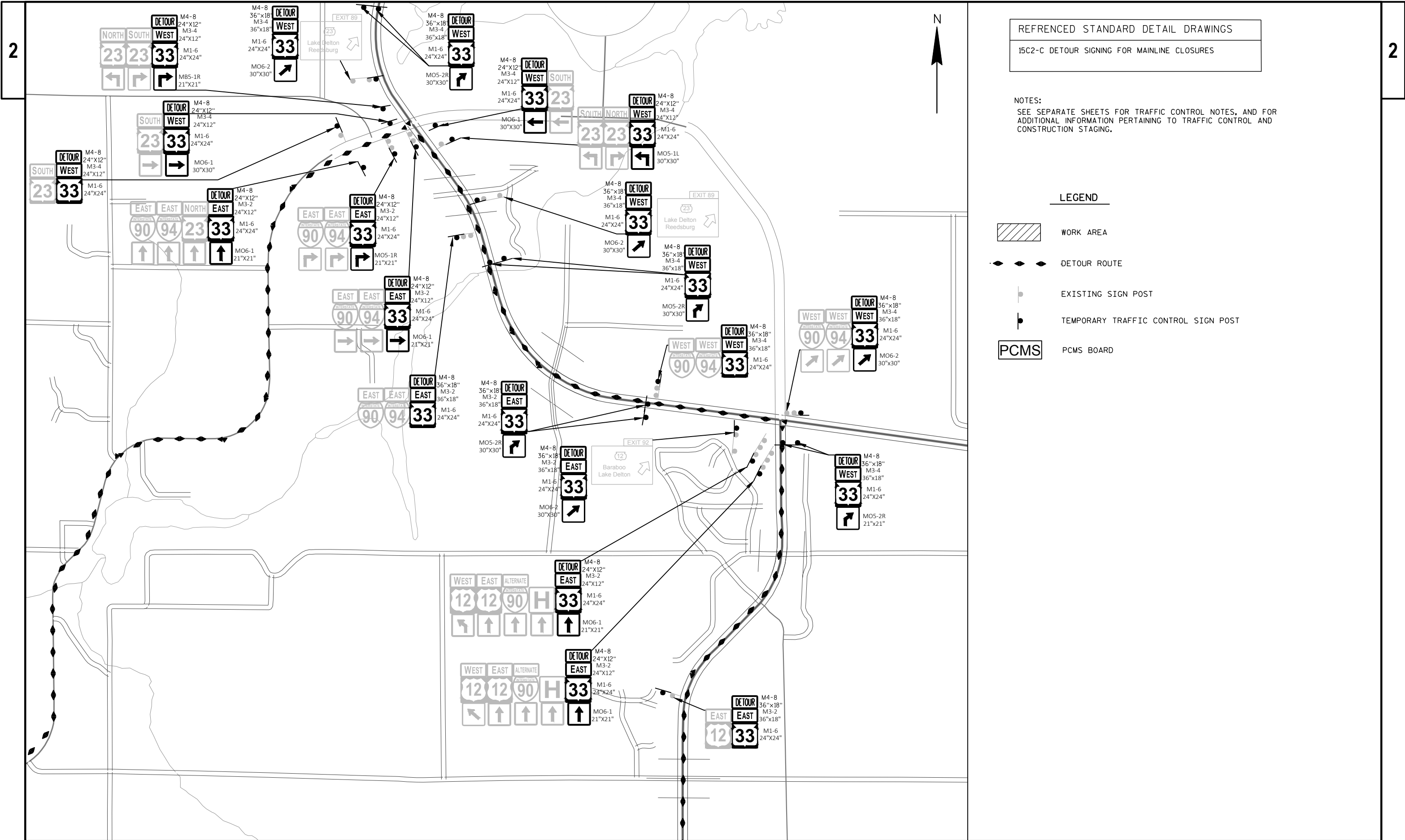
REFERENCED STANDARD DETAIL DRAWINGS
15C2-A BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C2-C DETOUR SIGNING FOR MAINLINE CLOSURES

NOTES:
SEE SEPARATE SHEETS FOR TRAFFIC CONTROL NOTES, AND FOR
ADDITIONAL INFORMATION PERTAINING TO TRAFFIC CONTROL AND
CONSTRUCTION STAGING.

PCMS BOARD MESSAGE TO READ "STH 33 TO CLOSE XX/XX/XX".

LEGEND

- WORK AREA
- DETOUR ROUTE
- EXISTING SIGN POST
- TEMPORARY DETOUR SIGN POST
- PCMS
PCMS BOARD
PLACE 7 DAYS PRIOR
TO ROAD CLOSURE.
MESSAGE:
WIS 33 TO CLOSE
STARTING XX/XX



REFERENCED STANDARD DETAIL DRAWINGS

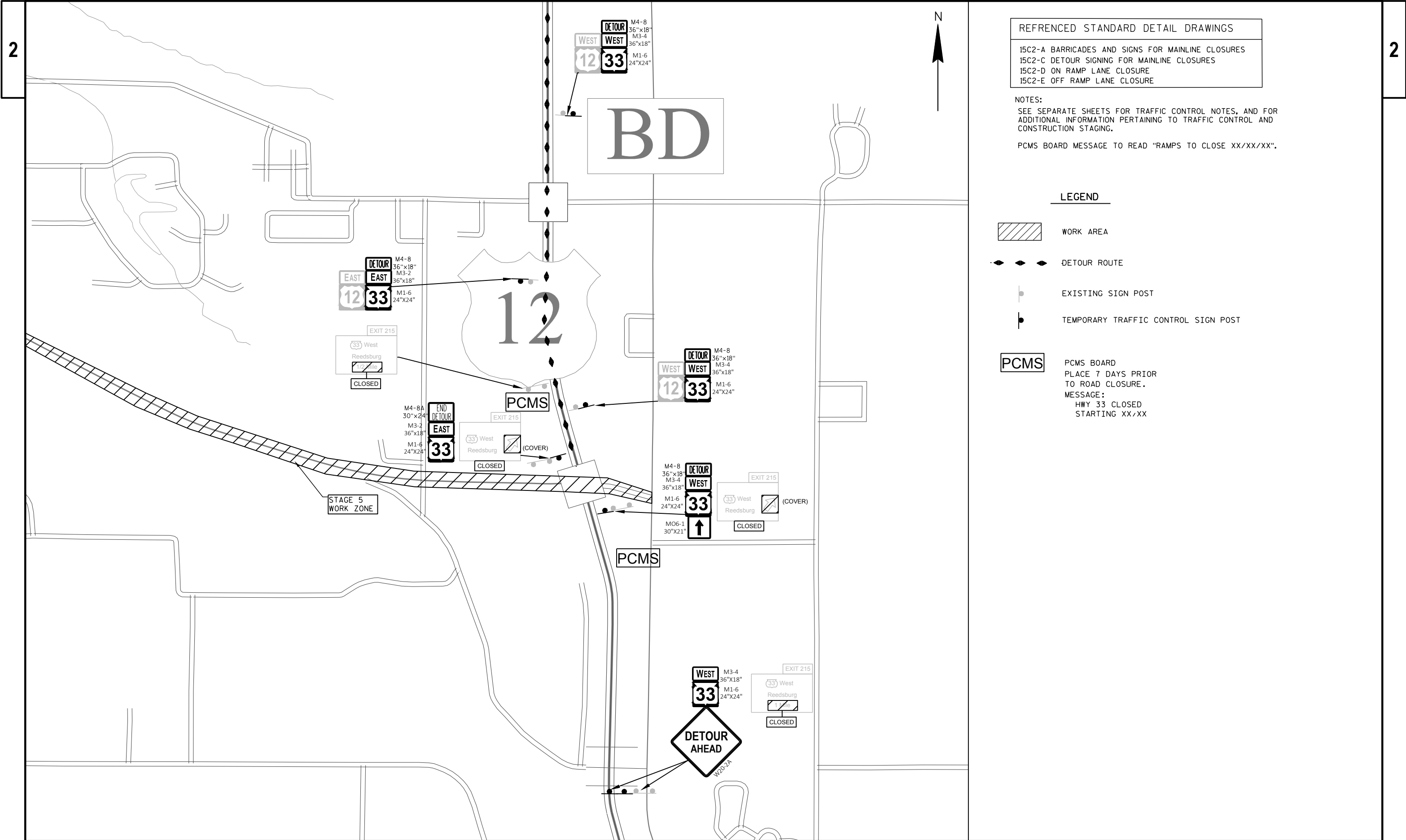
15C2-C DETOUR SIGNING FOR MAINLINE CLOSURES

NOTES:

SEE SEPARATE SHEETS FOR TRAFFIC CONTROL NOTES, AND FOR ADDITIONAL INFORMATION PERTAINING TO TRAFFIC CONTROL AND CONSTRUCTION STAGING.

LEGEND

-  WORK AREA
-  DETOUR ROUTE
-  EXISTING SIGN POST
-  TEMPORARY TRAFFIC CONTROL SIGN POST
-  PCMS BOARD



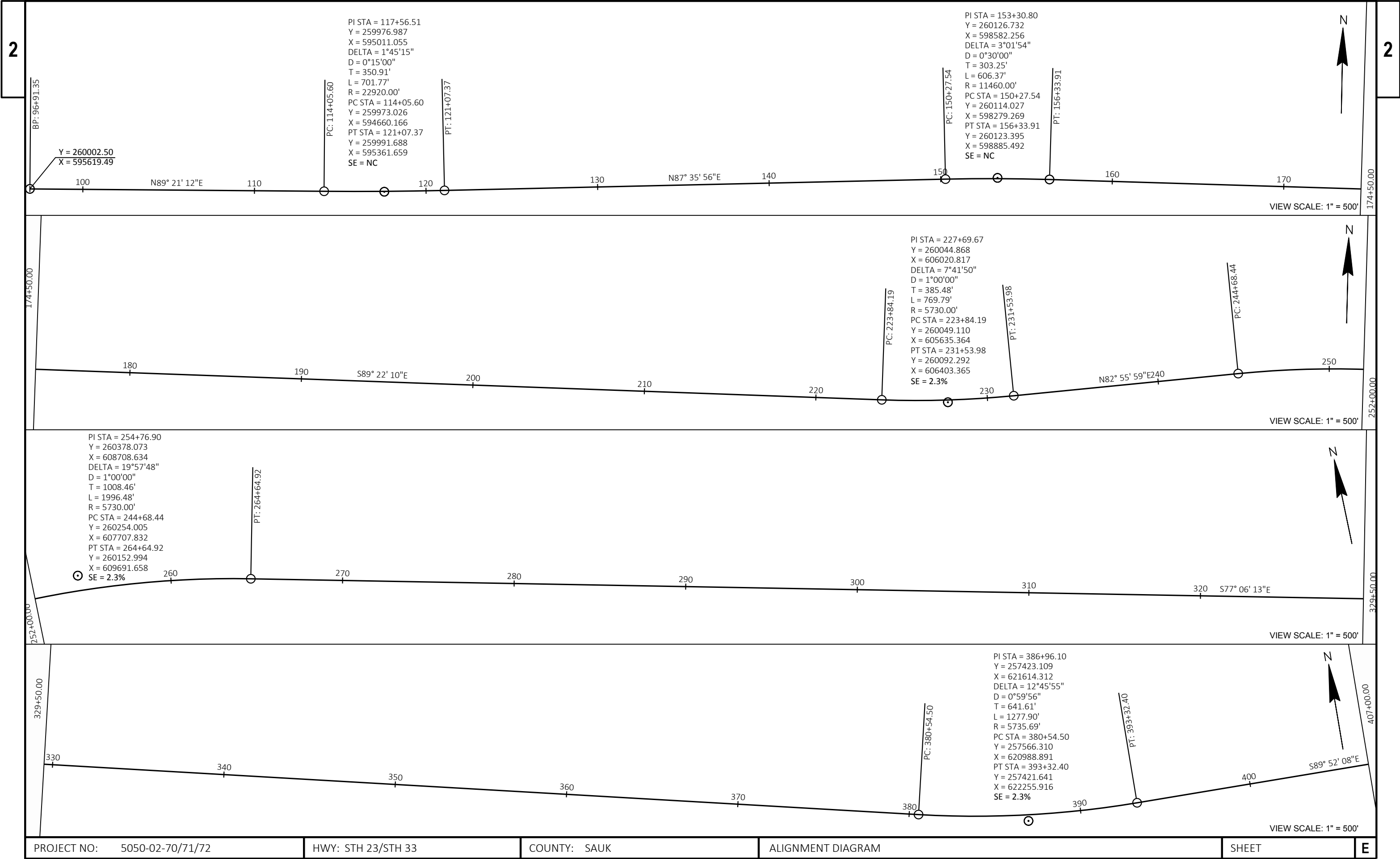
REFERENCED STANDARD DETAIL DRAWINGS
15C2-A BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C2-C DETOUR SIGNING FOR MAINLINE CLOSURES
15C2-D ON RAMP LANE CLOSURE
15C2-E OFF RAMP LANE CLOSURE

NOTES:
SEE SEPARATE SHEETS FOR TRAFFIC CONTROL NOTES, AND FOR ADDITIONAL INFORMATION PERTAINING TO TRAFFIC CONTROL AND CONSTRUCTION STAGING.

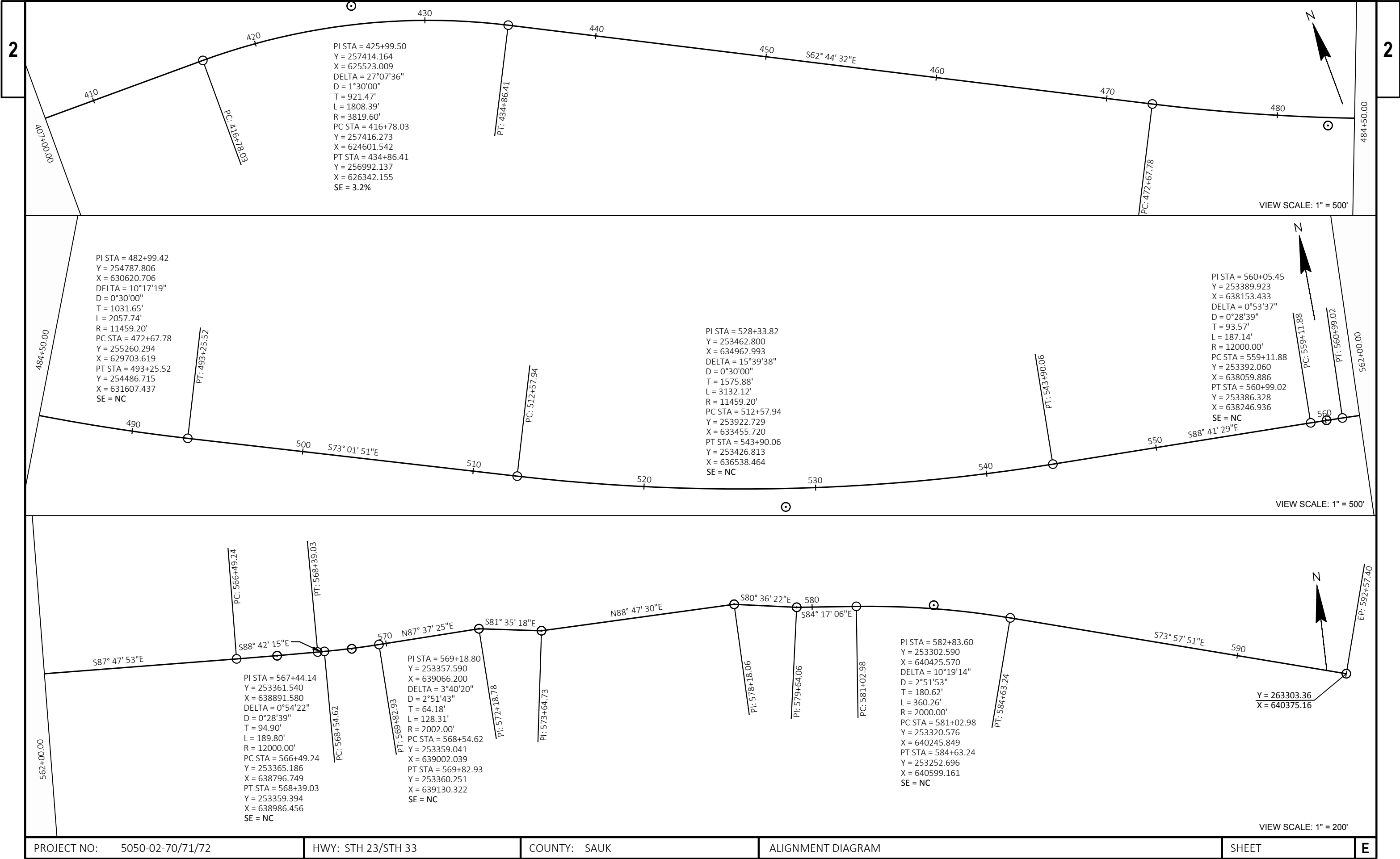
PCMS BOARD MESSAGE TO READ "RAMPS TO CLOSE XX/XX/XX".

LEGEND

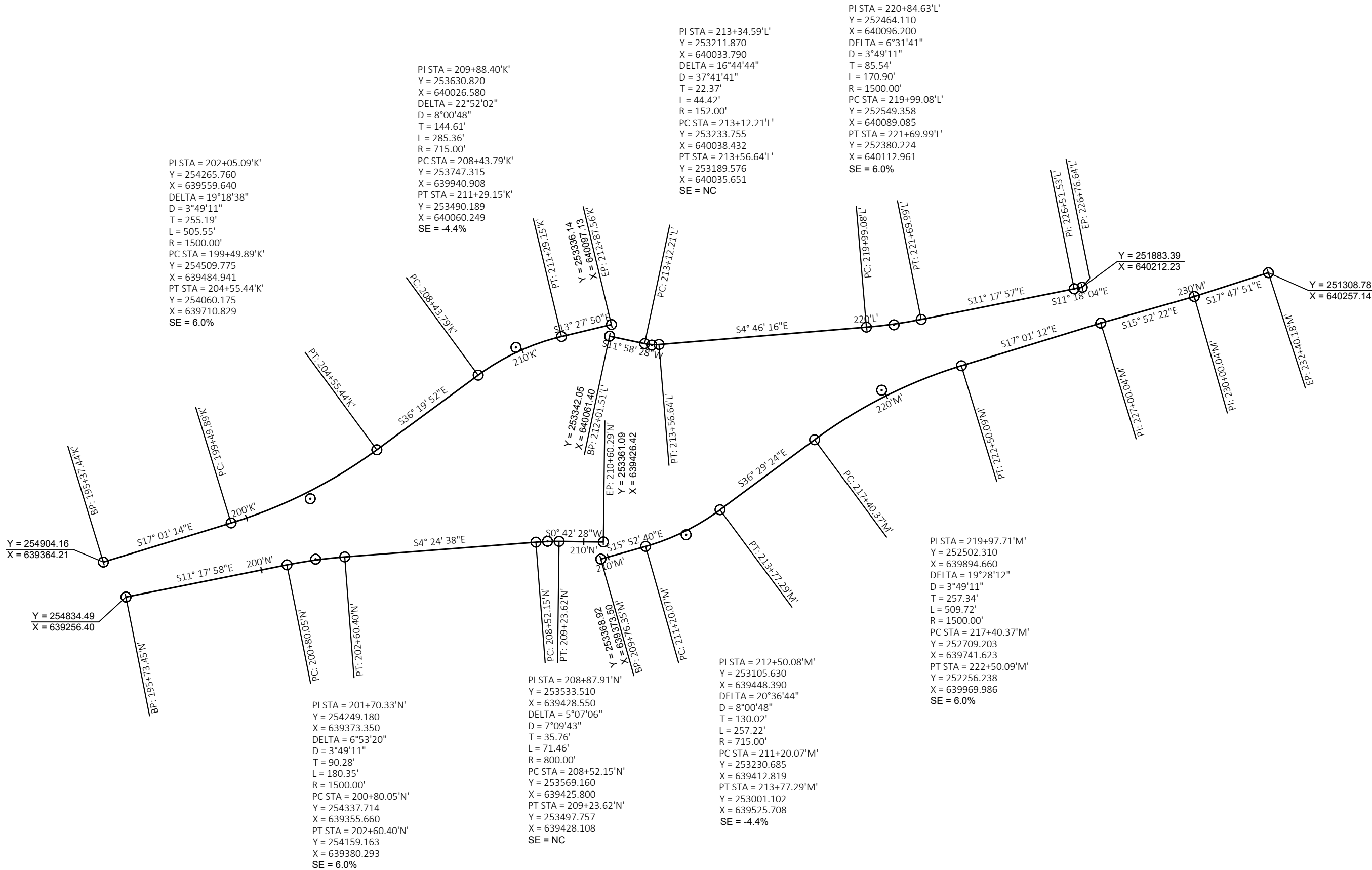
-  WORK AREA
-  DETOUR ROUTE
-  EXISTING SIGN POST
-  TEMPORARY TRAFFIC CONTROL SIGN POST
-  PCMS BOARD
PLACE 7 DAYS PRIOR TO ROAD CLOSURE.
MESSAGE:
HWY 33 CLOSED
STARTING XX/XX



PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	ALIGNMENT DIAGRAM	SHEET	E
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PROJECT NO:	5050-02-70/71/72	HWY:	STH 23/STH 33	COUNTY:	SAUK	ALIGNMENT DIAGRAM	SHEET	E
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VIEW SCALE: 1" = 300'

PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	ALIGNMENT DIAGRAM	SHEET E
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REMOVING ASPHALTIC SURFACE MILLING

					204.0120 REMOVING ASPHALTIC SURFACE MILLING	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS	
STATION		STATION	HWY	LOCATION	SY	SY	Remarks
5050-02-71							
123+65	-	162+98	STH 23	WEST PROJECT LIMIT TO AULT RD	18,009	36	
162+98	-	177+22	STH 23	AULT RD TO WAKERLY LN	6,329	--	
177+22	-	198+39	STH 23	WAKERLY LN TO E LAKE VIRGINIA RD	8,471	--	
198+39	-	211+56	STH 23	E LAKE VIRGINIA RD TO ABLEMAN RD	5,852	--	
211+56	-	268+50	STH 33	ABLEMAN RD TO EAST PROJECT LIMIT	25,138	--	
5050-02-71 SUBTOTAL					63,799	36	
5050-02-70							
268+50	-	291+18	STH 33	EVERGREEN RD INTERSECTION	15,089	93	
5050-02-70 SUBTOTAL					15,089	93	
5050-02-72							
291+18	-	346+11	STH 33	WEST PROJECT LIMIT TO COON BLUFF RD	24,415	--	
346+11	-	426+49	STH 33	COON BLUFF RD TO MIRROR LAKE RD	35,724	--	
426+49	-	560+44	STH 33	MIRROR LAKE RD TO WEST ROUNDABOUT	59,532	--	
560+44	-	574+60	STH 33	WEST ROUNDABOUT TO EAST ROUNDABOUT	7,459	68	
574+60	-	592+28	STH 33	EAST ROUNDABOUT TO EAST PROJECT LIMIT	8,906	107	
5050-02-72 SUBTOTAL					136,036	175	
TOTAL					214,924	304	

CONCRETE REMOVAL SUMMARY

					204.0150 REMOVING CURB & GUTTER	
STATION	STATION	HWY	LOCATION		LF	REMARKS
5050-02-70						
268+50	-	291+18	STH 33	EVERGREEN RD INTERSECTION	421	
TOTAL					421	

SAWING SUMMARY

		690.0150		
		SAWING		
		ASPHALT		
STATION	STATION	LF	REMARKS	
5050-02-70				
276+40	to 282+78	2452		
UNDISTRIBUTED		10		
TOTAL		2462		

EARTHWORK SUMMARY

STATION TO STATION	LOCATION	205.0100 EXCAVATION COMMON (1)		SALVAGED/UNUSABLE PAVEMENT MATERIAL (2)	AVAILABLE MATERIAL (4)	REDUCED EBS IN FILL (5)	EBS BACKFILL (5)	205.0200 EXCAVATION ROCK (5)	EXPANDED ROCK (6)	UNEXPANDED FILL	EXPANDED FILL (7)	MASS ORDINATE	WASTE	208.0100 BORROW	REMARKS
		CUT (2)	EBS EXCAV. (3)			FACTOR 0.80	FACTOR 1.33		FACTOR 1.10		FACTOR 1.15	+/- (8)			
CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY		
267+90 - 291+27	STH 23/STH 33	8,033	0	0	8,033	0	0	0	0	2,664	3,064	4,969	4,969	0	
SUBTOTAL		8,033	0		8,033	0	0			2,664	3,064	4,969	4,969	0	
TOTAL		8,033			8,033	0	0	0		2,664	3,064	4,969	4,969	0	

- 1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS.
- 2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
- 3) EBS EXCAVATION IS TO BE BACKFILLED WITH 1-1/4 INCH BASE AGGREGATE DENSE. MATERIAL EXCAVATED FROM EBS IS NOT TO BE USED AS FILL ELSEWHERE ON THE PROJECT.
- 4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL.
- 5) ROCK EXCAVATION ITEM NUMBER 205.0200.
- 6) EXPANDED ROCK: FACTOR = 1.10
- 7) EXPANDED FILL: FACTOR = 1.15; EXPANDED FILL = (UNEXPANDED FILL - ROCK * ROCK FACTOR) * FILL FACTOR
- 8) 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.

BASE AGGREGATE SUMMARY

				305.0110	305.0120	
				BASE	BASE	
				AGGREGATE	AGGREGATE	
				DENSE	DENSE	
				3/4-INCH	1 1/4-INCH	
STATION	STATION	LOCATION		TON	TON	REMARKS
5050-02-71						
123+65	-	162+98	STH 23	WEST PROJECT LIMIT TO AULT RD	51	--
162+98	-	177+22	STH 23	AULT RD TO WAKERLY LN	18	--
177+22	-	198+39	STH 23	WAKERLY LN TO E LAKE VIRGINIA RD	27	--
198+39	-	211+56	STH 23	E LAKE VIRGINIA RD TO ABLEMAN RD	17	--
211+56	-	268+50	STH 23	ABLEMAN RD TO EAST PROJECT LIMIT	74	--
UNDISTRIBUTED				--	--	
5050-02-71 SUBTOTAL				188	--	
5050-02-70						
268+50	-	279+41	STH 33	EVERGREEN RD INTERSECTION	28	3,745
279+41	-	291+18	STH 33	EVERGREEN RD INTERSECTION	31	5,000
UNDISTRIBUTED				--	1,749	
5050-02-70 SUBTOTAL				58	10,494	
5050-02-72						
291+18	-	346+11	STH 33	WEST PROJECT LIMIT TO COON BLUFF RD	71	--
346+11	-	426+49	STH 33	COON BLUFF RD TO MIRROR LAKE RD	104	--
426+49	-	560+44	STH 33	MIRROR LAKE RD TO WEST ROUNDABOUT	175	--
560+44	-	574+60	STH 33	WEST ROUNDABOUT TO EAST ROUNDABOUT	35	--
574+60	-	592+28	STH 33	EAST ROUNDABOUT TO EAST PROJECT LIMIT	41	--
UNDISTRIBUTED				--	--	
5050-02-72 SUBTOTAL				426	--	
TOTAL				672	10,494	

WATER SUMMARY

			624.0100
			WATER
LOCATION	MGAL	REMARKS	
UNDISTRIBUTED	112		
TOTAL		112	

3

ASPHALT PAVEMENT SUMMARY																	
										ELIGIBLE TONNAGE		ELIGIBLE LF					
										455.0605	460.6224	465.0305	460.2000	460.2010	460.2007	465.0425	465.0475
											HMA	ASPHALTIC	INCENTIVE	INCENTIVE	INCENTIVE	ASPHALTIC	ASPHALTIC
										LOWER	UPPER		DENSITY	AIR VOIDS	HMA PAVEMENT	SHOULDER	CENTER LINE
										LAYER	LAYER	TACK	PWL HMA	HMA	LONGITIDUNAL	RUMBLE STRIP	RUMBLE STRIP
										AREA	DEPTH	DEPTH	COAT	58-28 S		2-LANE RURAL	2-LANE RURAL
STATION	STATION	HWY	LOCATION	SY	IN	IN	GAL	TON	TON	DOL	DOL	DENSITY	LF	LF	REMARKS		
5050-02-71																	
123+65	-	162+98	STH 23	WEST PROJECT LIMIT TO AULT RD	18,009	1.75	1.75	2,161	3,530	--	2,056	3,530	7,866	6,977	3,733		
162+98	-	177+22	STH 23	AULT RD TO WAKERLY LN	6,329	1.75	1.75	759	1,240	--	744	1,240	2,848	2,477	1,024		
177+22	-	198+39	STH 23	WAKERLY LN TO E LAKE VIRGINIA RD	8,471	1.75	1.75	1,017	1,660	--	1,106	1,660	4,234	3,867	1,717		
198+39	-	211+56	STH 23	E LAKE VIRGINIA RD TO ABLEMAN RD	5,852	1.75	1.75	702	1,147	--	688	1,147	2,634	2,451	517		
211+56	-	268+50	STH 23	ABLEMAN RD TO EAST PROJECT LIMIT	25,138	1.75	1.75	3,017	4,927	--	2,976	4,927	11,388	10,819	5,694		
5050-02-71 SUBTOTAL				63,799				7,656	12,505	--	7,571	12,505	28,970	26,591	12,685		
5050-02-70																	
268+50	-	291+18	STH 33	EVERGREEN RD INTERSECTION	12,654	1.75	1.75	1,519	2,480	8	1,185	2,480	4,536	1,733	--		
268+50	-	291+18	STH 33	EVERGREEN RD INTERSECTION	2,435	3.25	1.75	292	682	--	1,693	682	4,536	1,452	--		
5050-02-70 SUBTOTAL				15,089				1,811	3,162	8	2,879	3,162	9,072	3,185	--		
5050-02-72																	
291+18	-	346+11	STH 33	WEST PROJECT LIMIT TO COON BLUFF RD	24,415	1.75	1.75	2,930	4,785	--	2,871	4,785	10,986	10,886	5,493		
346+11	-	426+49	STH 33	COON BLUFF RD TO MIRROR LAKE RD	35,724	1.75	1.75	4,287	7,002	--	4,201	7,002	16,076	15,821	7,638		
426+49	-	560+44	STH 33	MIRROR LAKE RD TO WEST ROUNDABOUT	59,532	1.75	1.75	7,144	11,668	--	7,001	11,668	26,790	25,875	12,595		
560+44	-	574+60	STH 33	WEST ROUNDABOUT TO EAST ROUNDABOUT	7,459	1.75	1.75	895	1,462	--	1,265	1,462	1,866	1,019	138		
574+60	-	592+28	STH 33	EAST ROUNDABOUT TO EAST PROJECT LIMIT	8,906	1.75	1.75	1,069	1,746	--	1,234	1,746	4,954	1,574	--		
5050-02-72 SUBTOTAL				136,036				16,324	26,663	--	16,573	26,663	60,672	55,175	25,864		
TOTAL				214,924				25,791	42,330	8	27,022	42,330	98,714	84,951	38,549		
HMA PAVEMENT PWL, TEST STRIP										HMA PAVEMENT, INCENTIVE IRI RIDE							
										740.044							
										INCENTIVE IRI RIDE							
STATION	TO	STATION	LOCATION	EACH			EACH	REMARKS									
123 + 65	-	592 + 28	BINDER LIFT AT INTERSECTION WIDENING	--			1										
123 + 65	-	592 + 28	MIDDLE LIFT AT INTERSECTION WIDENING	--			1										
123 + 65	-	592 + 28	SURFACE LIFT AT INTERSECTION WIDENING	--			1										
123 + 65	-	592 + 28	BINDER LIFT ON MILLED SURFACE	1			1										
123 + 65	-	592 + 28	SURFACE LIFT ON MILLED SURFACE	--			1										
ITEM TOTALS				1			5										
										HMA PAVEMENT, INCENTIVE IRI RIDE							
										740.044							
										INCENTIVE IRI RIDE							
STATION	STATION	MI				DOL											
5050-02-71																	
123+65	-	268+50	5.5				10,973										
5050-02-70																	
268+50	-	291+18	0.9				1,718										
5050-02-72																	
291+18	-	569+26	10.5				21,067										
580+73	-	590+40	0.4				733										
ITEM TOTALS							34,491										
PROJECT NO: 5050-02-70/71/72			HWY: STH 23/STH 33			COUNTY: SAUK			MISCELLANEOUS QUANTITIES				SHEET:		E		

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PWL MIXTURE USE TABLE

THE FOLLOWING ACCEPTANCE CRITERIA ARE APPLICABLE FOR THIS PROJECT:

LOCATION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEMS	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR:	
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
FIRST LIFT								
WB 8' SHOULDER	123+65 TO 567+99	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	3,802	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
WB 12' DRIVING LANE	123+65 TO 567+99	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	5,702	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
WB 12' TURN/BYPASS LANE	140+88 TO 148+91 276+56 TO 285+68 560+42 TO 574+60	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	168	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2011	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2006
EB 12' TURN/BYPASS LANE	140+88 TO 148+91 276+56 TO 285+68 560+42 TO 574+60	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	168	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2012	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2007
EB 12' DRIVING LANE	123+65 TO 567+99	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	5,702	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
EB 8' SHOULDER	123+65 TO 567+99	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	3,802	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
USH 12 WEST ROUNDABOUT TOTAL	560+42 TO 574+60	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	621	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
USH 12 EAST ROUNDABOUT TOTAL	577+21 TO 582+00	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	236	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
EB 12' DRIVING LANE	582+00 TO 592+28	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	132	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2011	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2006
EB 8' SHOULDER	582+00 TO 592+28	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	88	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
WB 12' DRIVING LANE	582+00 TO 592+28	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	132	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2012	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2007
WB 8' SHOULDER	582+00 TO 592+28	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	88	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
16' TURN LANE	582+00 TO 592+28	LOWER LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	106	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2013	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2008

PWL MIXTURE USE TABLE (CONTINUED)

THE FOLLOWING ACCEPTANCE CRITERIA ARE APPLICABLE FOR THIS PROJECT:

LOCATION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEMS	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED FOR:	
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
SECOND LIFT								
WB 8' SHOULDER	123+65 TO 567+99	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	3,802	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
WB 12' DRIVING LANE	123+65 TO 567+99	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	5,702	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
WB 12' TURN/BYPASS LANE	140+88 TO 148+91 276+56 TO 285+68 560+42 TO 574+60	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	168	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2011	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2006
EB 12' TURN/BYPASS LANE	140+88 TO 148+91 276+56 TO 285+68 560+42 TO 574+60	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	168	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2012	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2007
EB 12' DRIVING LANE	123+65 TO 567+99	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	5,702	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
EB 8' SHOULDER	123+65 TO 567+99	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	3,802	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
USH 12 WEST ROUNDABOUT TOTAL	560+42 TO 574+60	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	621	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2012	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2007
USH 12 EAST ROUNDABOUT TOTAL	577+21 TO 582+00	SURFACE LAYER	4 MT 58-28 S	4 MT 58-28 S	236	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2012	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2007
EB 12' DRIVING LANE	582+00 TO 592+28	SURFACE LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	132	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2011	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2006
EB 8' SHOULDER	582+00 TO 592+28	SURFACE LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	88	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
WB 12' DRIVING LANE	582+00 TO 592+28	SURFACE LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	132	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2012	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2007
WB 8' SHOULDER	582+00 TO 592+28	SURFACE LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	88	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
16' TURN LANE	582+00 TO 592+28	SURFACE LAYER	MILLED EXISTING HMA SURFACE	4 MT 58-28 S	106	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2013	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2008

CONCRETE CORRUGATED MEDIAN SUMMARY

					620.0100	
					CONCRETE	
					CORRUGATED	
					MEDIAN	
STATION	STATION			LOCATION	SF	REMARKS
5050-02-70						
268+50	-	279+41	STH 23	EVERGREEN RD INTERSECTION	2,400	
279+41	-	291+18	STH 23	EVERGREEN RD INTERSECTION	1,600	
TOTAL					4,000	

ANCILLARY CONCRETE SUMMARY

				601.0551	601.0415	
				CONCRETE CURB	CONCRETE CURB	
				AND GUTTER	AND GUTTER	
				4-INCH SLOPED	30-INCH TYPE J	
				36-INCH TYPE A		
STATION	STATION	HWY	LOCATION	LF	LF	REMARKS
5050-02-70						
268+50	-	291+18	STH 33	EVERGREEN RD INTERSECTION	2,343	110
TOTAL				2,343	110	

CULVERT PIPE SUMMARY

		522.0124	522.1024	
		CULVERT PIPE	APRON ENDWALLS	
		REINFORCED	FOR CULVERT PIPE	
		CONCRETE CLASS	REINFORCED	
		III 24-INCH	CONCRETE 24-INCH	
LOCATION		LF	EACH	REMARKS
5050-02-70				
271+56 RT		8	1	
281+56 LT		8	1	
287+05 LT		12	1	
287+05 RT		8	1	
TOTAL		36	4	

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EROSION CONTROL SUMMARY

			627.0200	628.1905	628.1910	628.2002	628.7504	628.7555			
			MOBILIZATIONS		MOBILIZATIONS	EROSION MAT	TEMPORARY	CULVERT			
			EROSION		EMERGENCY	CLASS 1	DITCH CHECKS	PIPE CHECKS			
			MULCHING	CONTROL	EROSION CONTROL	TYPE A					
LOCATION			SY	EACH	EACH	SY	LF	EACH	REMARKS		
5050-02-71											
123+65	-	268+50	16,094	1	1	--	--	--			
UNDISTRIBUTED			1,609	--	--	--	--	--			
5050-02-71 SUBTOTAL			17,704	1	1	--	--	--			
5050-02-70											
268+50	-	280+00	--	1	1	7,268	60	3			
280+00	-	291+18	--	--	--	7,983	60	9			
UNDISTRIBUTED			--	--	--	1,525	10	--			
5050-02-70 SUBTOTAL			--	1	1	16,775	130	12			
5050-02-72											
291+18		592+28	33,456	--	--	--	--	--			
UNDISTRIBUTED			--	--	--	--	--	--			
5050-02-72 SUBTOTAL			33,456	--	--	--	--	--			
TOTAL			51,159	2	2	16,775	130	12			

LANDSCAPING SUMMARY

			625.0100	629.0210	630.0120	
				FERTILIZER	SEEDING	
			TOPSOIL	TYPE B	MIXTURE	
					NO. 20	
LOCATION			SY	CWT	LB	REMARKS
5050-02-71						
123+65	-	268+50	16,094	5.07	217.3	
UNDISTRIBUTED			1,609	--	--	
5050-02-71 SUBTOTAL			17,704	5	217	
5050-02-70						
268+50	-	280+00	7,268	4.58	196.2	
280+00	-	291+18	7,983	5.03	215.5	
UNDISTRIBUTED			1,525	--	--	
5050-02-70 SUBTOTAL			16,775	10	412	
5050-02-72						
291+18		592+28	33,456	10.54	451.7	
UNDISTRIBUTED			3,346	--	--	
5050-02-72 SUBTOTAL			36,801	11	452	
TOTAL			71,280	25	1,081	

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CONSTRUCTION STAKING SUMMARY

		650.5000	650.5500	650.6000	650.8000	650.9910	650.9920		
		CONSTRUCTION STAKING BASE	CONSTRUCTION STAKING CURB & GUTTER	CONSTRUCTION STAKING PIPE CULVERTS	CONSTRUCTION STAKING RESURFACING REFERENCE	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT)	CONSTRUCTION STAKING SLOPE STAKES		
STATION	STATION	LOCATION	LF	LF	EACH	LF	LS	LF	REMARKS
5050-02-71									
123+65	-	268+50	STH 23	--	--	14485	1	--	
5050-02-70									
268+50	-	291+18	STH 23/33	2268	2,764	4	2268	1	2268
5050-02-72									
291+18	-	592+28	STH 33	--	--	--	30110	1	--
TOTAL			2,268	2,764	4	46,863	3	2,268	

PERMANENT SIGNS SUMMARY

CATEGORY	SIGN NO.	STATION	OFFSET	SIGN FACES	SIGN WORDING & PICTORIALS	CODE	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	637.2210	634.0410	634.0614	634.0616	634.0618	638.2102	638.2602	638.3000	SPV.0060.01	REMARKS
									SIGNS TYPE II REFLECTIVE H SF	POSTS WOOD 4x4-IN x 10- FT EACH	POSTS WOOD 4x6-IN x 14- FT EACH	POSTS WOOD 4x6-IN x 16- FT EACH	POSTS WOOD 4x6-IN x 18- FT EACH	MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	SPECIAL 01. SOLAR POWERED SINGLE BLINKING BEACON	
0010	1-1	272'EA'+33	25' RT	EB	STH 23 NORTH LEFT/STH 33 EAST STRAIGHT	J2-2	48	57	--	--	--	1	--	1	--	1	--	
0010	1-2	274'WA'+59	29' LT	WB	REEDSBURG 6	--	84	15	--	--	2	--	--	1	--	2	--	
0010	1-3	275'EA'+76	27' RT	EB	BARABOO STRAIGHT/LAKE DELTON WIS DELLS LEFT	--	84	45	26.25	--	--	--	2	--	1	2	--	
0010	1-4	277'WA'01	25' LT	WB	STH 23 SOUTH/STH 33 WEST	J4-2	48	36	--	--	--	1	--	1	--	1	--	
0010	1-5	279'EA'+33	32' RT	EB	STH 23 NORTH LEFT/STH 33 EAST STRAIGHT	J2-2	48	57	--	--	--	1	--	1	--	1	--	
0010	1-6	50'NB'+48	29' LT	SB	STH 33 EAST LEFT/STH 23 SOUTH RIGHT/STH 33 WEST RIGHT	J2-3	72	57	--	--	--	--	2	1	--	2	--	
0010	1-7	50'NB'+79	62' LT	NB	DO NOT ENTER	R5-1	30	30	--	--	--	1	--	1	--	1	--	
0010	1-8	50'NB'+73	55' LT	SB	STOP	R1-1	30	30	--	--	--	1	--	1	--	1	--	
0010	1-9	50'NB'+47	19' LT	SB	STOP	R1-1	30	30	--	--	--	1	--	1	--	1	1	
0010	1-10	50'NB'+78	18' LT	SB	DOUBLE DOWN ARROWS	W12-1D	24	24	--	1	--	--	--	1	--	1	--	
0010	1-11	50'NB'+97	30' RT	NB	ADOPT-A-HIGHWAY	I55-56	30	18	--	--	1	--	--	1	--	1	--	
0010	1-11	50'NB'+97	30' RT	NB	ADOPT-A-HIGHWAY SPONSOR	I55-56P	30	18	--	--	--	--	--	1	--	1	--	
0010	2-1	49'NB'+33	32' RT	NB	STOP	R1-1	30	30	--	--	--	1	--	1	--	1	--	
0010	2-2	280'WA'+53	33' LT	WB	STH 23 SOUTH STRAIGHT/STH 33 WEST STRAIGHT/STH 23 NORTH RIGHT	J2-3	72	57	--	--	--	2	--	1	--	2	--	
0010	2-3	283'EA'+01	24' RT	EB	STH 33 EAST	J4-1	24	36	--	--	--	1	--	1	--	1	--	
0010	2-4	284'WA'+29	31' LT	WB	REEDSBURG STRAIGHT/LAKE DELTON WIS DELLS LEFT	--	84	45	--	--	--	2	--	1	--	2	--	
0010	2-5	285'EA'+28	27' RT	EB	BARABOO 10	--	84	15	--	--	2	--	--	1	--	2	--	
0010	2-6	287'WA'+51	28' LT	WB	STH 23 SOUTH STRAIGHT/STH 33 WEST STRAIGHT/STH 23 NORTH RIGHT	J2-3	72	57	--	--	--	--	2	1	--	2	--	
0010	2-7	290'WA'+02	26' LT	WB	JCT STH 23	J1-1	24	36	--	--	--	1	--	1	--	1	--	
5050-02-70 TOTAL									26	1	5	13	6	18	1	26	1	

3

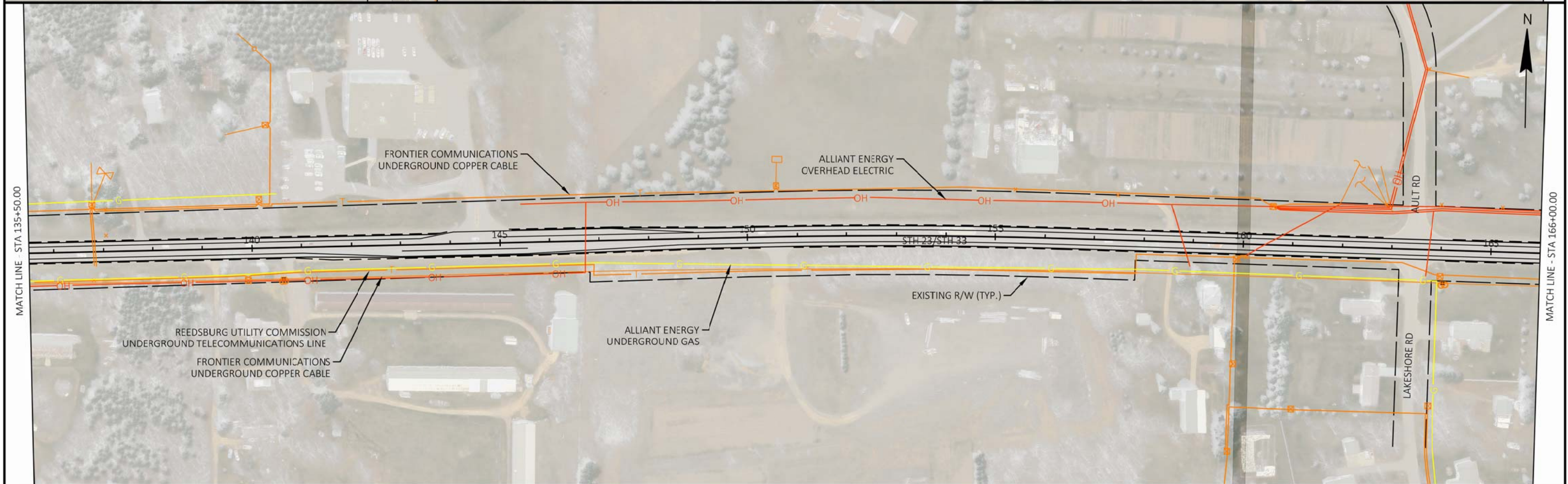
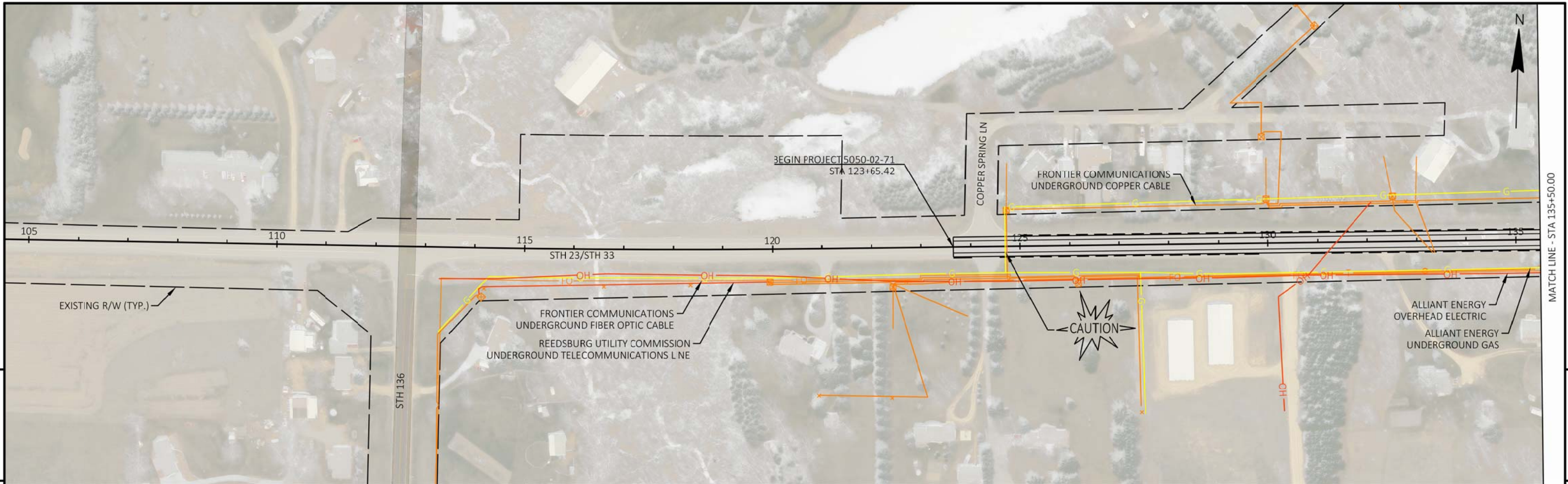
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TRAFFIC CONTROL																										
		EST.	643.0300		643.0420		649.0105		649.0105		643.0705		643.0715		649.0805		643.0900		642.0910		643.0920		643.1050		643.5000	
		SERVICE	BARRICADES		MARKING LINE		MARKING LINE		WARNING		WARNING		TEMPORARY		TRAFFIC		TYPE 1		TYPE II		TRAFFIC		TRAFFIC			
		PERIOD	DRUMS		TYPE III		PAINT 4-INCH (W)		PAINT 4-INCH (Y)		LIGHTS		LIGHTS		STOP LINE		CONTROL		SIGN		SIGN		CONTROL		TRAFFIC	
STAGE	LOCATION	DAYS	NO	DAYS	NO	DAYS	LF	LF	NO	DAYS	NO	DAYS	LF	NO	DAYS	NO	DAYS	CYCLE	EACH	CYCLE	EACH	NO	DAYS	EACH	REMARKS	
5050-02-71																										
1	STH 23/33	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1	STH 23/33 FLAGGING	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
2	STH 23/33	17	--	--	--	--	28,191	15,187	--	--	--	--	--	5	85	--	--	--	--	--	--	--	--	--		
2	STH 23/33 FLAGGING	17	--	--	--	--	--	--	--	--	--	--	--	6	102	--	--	--	--	--	--	--	--	--		
3	STH 23/33	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
3	STH 23/33 FLAGGING	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
4	STH 23/33	64	--	--	--	--	--	--	--	--	--	--	--	5	320	--	--	--	--	--	--	--	--	--		
4	STH 23/33 FLAGGING	64	--	--	--	--	--	--	--	--	--	--	--	6	384	--	--	--	--	--	--	--	--	--		
5	STH 23/33	77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
5	STH 23/33 FLAGGING	77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
5050-02-71 SUBTOTAL			--	--	--	--	43,378	--	--	--	--	--	--	891	--	--	--	--	--	--	--	--	1			
5050-02-70																										
1	STH 23/33	25	94	2,350	4	100	3,493	2,600	8	200	--	--	18	20	500	--	--	--	--	1	7	--	--	--		
1	STH 23/33 FLAGGING	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
2	STH 23/33	17	6	102	--	--	--	--	--	--	--	--	--	13	221	--	--	--	--	--	--	--	--	--		
2	STH 23/33 FLAGGING	17	--	--	--	--	--	--	--	--	--	--	--	9	153	--	--	--	--	--	--	--	--	--		
3	STH 23/33	13	105	1,365	4	52	2,928	3,256	8	104	22	286	40	35	455	--	--	--	--	--	--	--	--	--		
3	STH 23/33 FLAGGING	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
4	STH 23/33	64	51	3,264	--	--	--	--	--	--	--	--	--	44	2,816	--	--	--	--	--	--	--	--	--		
4	STH 23/33 FLAGGING	64	--	--	--	--	--	--	--	--	--	--	--	9	576	--	--	--	--	--	--	--	--	--		
5	STH 23/33	77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
5	STH 23/33 FLAGGING	77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
5050-02-70 SUBTOTAL			7,081	152	--	--	12,277	--	304	286	58	--	4,721	--	--	--	--	7	1	--	--	--	--			
5050-02-72																										
1	STH 23/33	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
2	STH 23/33	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
3	STH 23/33	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
4	STH 23/33	64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
5	STH 23/33	77	--	--	14	1078	--	--	28	2156	--	--	--	10	770	--	9	--	--	2	14	--	--	--		
Stage 5 Detour	STH 23/33	77	--	--	--	--	--	--	--	--	--	--	--	129	9,933	--	--	--	12	--	--	--	--	--		
5050-02-72 SUBTOTAL			--	1,078	--	--	--	--	2,156	--	--	--	10,703	9	12	14	1	--	--	--	--	--	--	--		
TOTAL			7,081	1,230	--	--	55,655	--	2,460	286	58	--	16,315	9	12	21	3	--	--	--	--	--	--	--		

PAVEMENT MARKING SUMMARY												
		646.1020 MARKING LINE EPOXY 4-INCH (YELLOW)	646.1020 MARKING LINE EPOXY 4-INCH (WHITE)	646.1040 MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)	646.3020 MARKING LINE EPOXY 8-INCH (WHITE)	646.5020 MARKING ARROW EPOXY	646.5120 MARKING WORD EPOXY	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE)	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)	648.0100 LOCATING NO PASSING ZONES		
STATION	STATION	LOCATION	LF	LF	LF	LF	EACH	EACH	LF	LF	MI	REMARKS
5050-02-71												
123+65	-	126+80	STH 23	79	--	630	--	--	--	--	0.06	
126+80	-	137+76	STH 23	1370	--	2192	--	--	--	--	0.21	
137+76	-	153+11	STH 23	3070	63	2952	200	--	--	--	0.29	
153+11	-	164+01	STH 23	1363	--	1915	--	--	--	--	0.21	
164+01	-	220+99	STH 23	1425	--	11000	--	--	--	--	1.08	
220+99	-	231+88	STH 23	1361	--	2178	--	--	--	--	0.21	
231+88	-	256+98	STH 23	5020	--	5020	--	--	--	--	0.48	
256+98	-	267+70	STH 23	1340	--	2144	--	--	--	--	0.20	
267+70	-	268+50	STH 23	160	--	160	--	--	--	--	0.02	
5050-02-71 SUBTOTAL			15250		28191	200	--	--	--	--	3	
5050-02-70												
268+50	-	279+41	STH 23	3513	--	2738	200	--	--	261	--	
279+41	-	280+78	STH 23/33	596	--	442	--	--	90	--	--	
280+78	-	291+18	STH 33	3291	--	2501	350	--	--	295	--	
5050-02-70 SUBTOTAL			7400		5681	550	--	--	90	556	--	
5050-02-72												
291+18	-	292+71	STH 33	306	--	306	--	--	--	--	0.03	
292+71	-	295+80	STH 33	618	--	618	--	--	--	--	0.06	
295+80	-	303+01	STH 33	901	--	1442	--	--	--	--	0.14	
303+01	-	303+68	STH 33	17	--	134	--	--	--	--	0.01	
303+68	-	314+26	STH 33	1323	--	2116	--	--	--	--	0.20	
314+26	-	315+66	STH 33	35	--	280	--	--	--	--	0.03	
315+66	-	326+63	STH 33	1371	--	2194	--	--	--	--	0.21	
326+63	-	329+31	STH 33	536	--	536	--	--	--	--	0.05	
329+31	-	340+17	STH 33	1358	--	2172	--	--	--	--	0.21	
340+17	-	343+84	STH 33	92	--	734	--	--	--	--	0.07	
343+84	-	354+55	STH 33	1339	--	2007	--	--	--	--	0.20	
354+55	-	355+34	STH 33	158	--	158	--	--	--	--	0.01	
355+34	-	366+15	STH 33	1351	--	2162	--	--	--	--	0.20	
366+15	-	366+52	STH 33	9	--	74	--	--	--	--	0.01	
366+52	-	377+52	STH 33	1375	--	2200	--	--	--	--	0.21	
377+52	-	378+03	STH 33	102	--	102	--	--	--	--	0.01	
378+03	-	388+80	STH 33	1346	--	2154	--	--	--	--	0.20	
388+80	-	410+51	STH 33	543	--	4342	--	--	--	--	0.41	
410+51	-	421+68	STH 33	1396	--	2234	--	--	--	--	0.21	
421+68	-	428+03	STH 33	1270	--	993	--	--	--	--	0.12	
428+03	-	439+44	STH 33	1426	--	2282	--	--	--	--	0.22	
439+44	-	558+82	STH 33	2985	--	23617	--	--	--	--	2.26	
558+82	-	563+09	STH 33	854	--	854	--	--	--	--	--	
563+09	-	569+29	STH 33	2480	63	1108	251	--	--	114	--	
569+29	-	572+22	STH 33	586	--	586	--	--	--	--	--	
572+22	-	573+66	EB ROUNDABOUT	161	--	117	117	3	53	--	--	
573+66	-	574+07	STH 33	82	--	82	--	--	--	--	--	
574+07	-	574+53	STH 33	184	--	92	--	--	--	6	--	
574+53	-	577+32	STH 33	558	--	558	--	--	--	--	--	
577+32	-	577+76	STH 33	176	--	88	--	--	--	5	--	
577+76	-	578+21	STH 33	90	--	90	--	--	--	--	--	
578+21	-	579+63	WB ROUNDABOUT	187	--	39	119	3	50	--	--	
579+63	-	580+67	STH 33	208	--	208	--	--	--	--	--	
580+67	-	581+62	STH 33	380	--	190	--	--	--	12	--	
581+62	-	583+22	STH 33	320	--	320	--	--	--	--	--	
583+22	-	586+87	STH 33	1460	--	730	--	--	--	183	--	
586+87	-	589+79	STH 33	730	--	584	--	--	--	--	--	
589+79	-	590+42	STH 33	252	--	126	--	--	--	71	--	
590+42	-	591+37	STH 33	285	--	190	--	--	--	--	--	
591+37	-	592+28	STH 33	182	--	255	110	1	36	--	--	
5050-02-72 SUBTOTAL			29094		59074	597	1	7	138	391	5	
SUBTOTALS			51,743		92,946	1,347	1	7	228	947	8	
TOTAL			51,743		92,946	1,347	1	7	228	947	8	

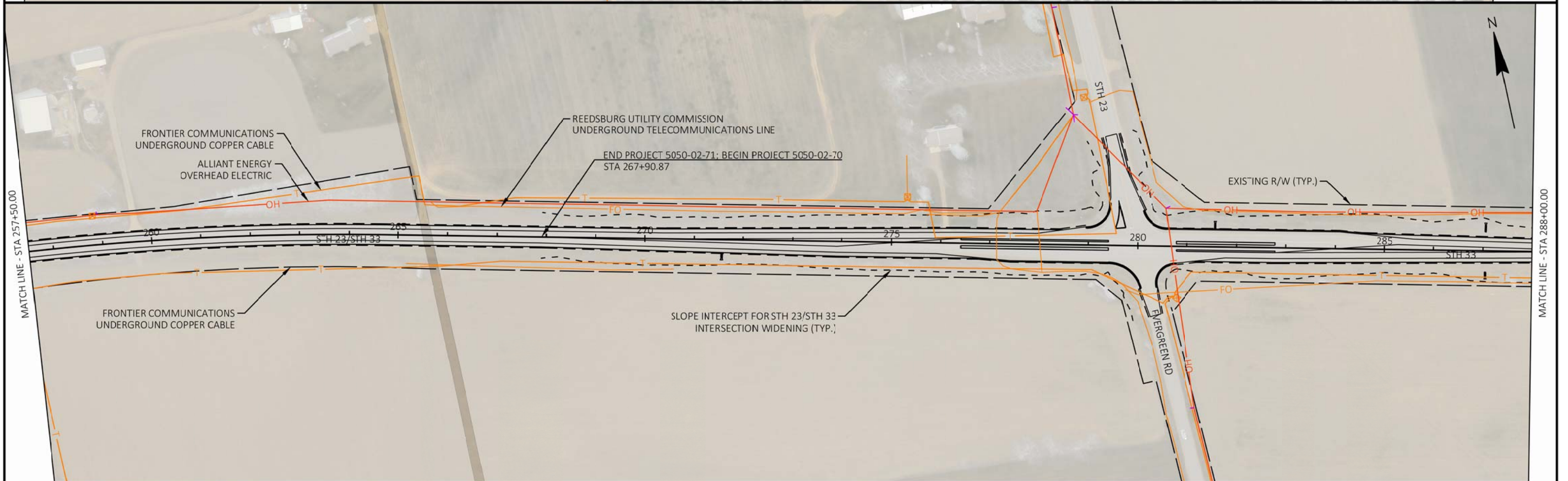
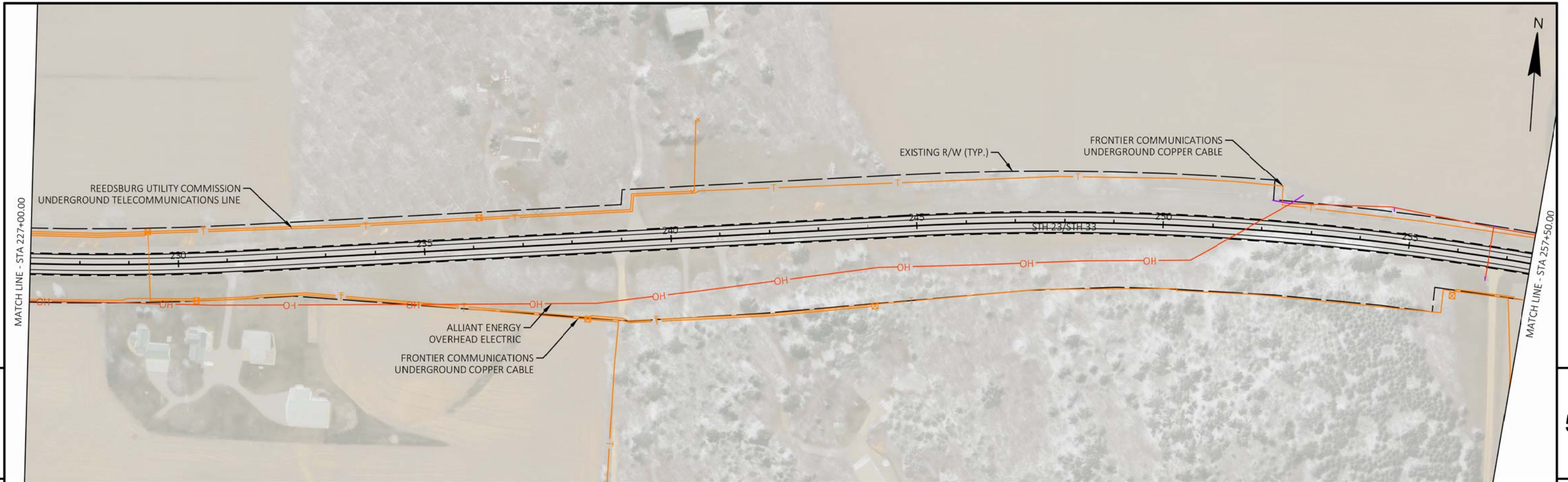
LIGHTING

				652.0125	652.0135	653.0164	654.0105	654.0230	655.0610	655.0620	656.0200	657.0322	657.0812	659.1115	659.2130	REMARKS
				CONDUIT	CONDUIT	PULL BOXES	CONCRETE	CONCRETE	ELECTRICAL	ELECTRICAL	ELECTRICAL		LUMINAIRE		LIGHTING	
				RIGID	RIGID	NON-	CONCRETE	CONTROL	WIRE	WIRE	SERVICE METER		ARMS	LUMINAIRES	CABINETS	
				METALLIC	METALLIC	CONDUCTIVE	BASES	CABINET BASES	12 AWG	8 AWG	BREAKER PEDESTAL	POLES TYPE	STEEL	UTILITY	120/240	
STATION	STATION	OFFSET	LOCATION	2-INCH	3-INCH	24X42-INCH	TYPE 5	TYPE L30			(LOCATION)	5-ALUMINUM	12-FT	LED A	30-INCH	
278+97.36	--	40' LT	LB1	--	--	--	1	--	135	--	--	1	1	1	--	
280+32.95	--	48' LT	LB2	--	--	--	1	--	135	--	--	1	1	1	--	
281+45.49	--	40' LT	LB3	--	--	--	1	--	135	--	--	1	1	1	--	
282+75.85	--	40' LT	LB4	--	--	--	1	--	135	--	--	1	1	1	--	
280+87.61	--	40' RT	LB5	--	--	--	1	--	135	--	--	1	1	1	--	
279+84.05	--	56' RT	LB6	--	--	--	1	--	135	--	--	1	1	1	--	
278+53.85	--	40' RT	LB7	--	--	--	1	--	135	--	--	1	1	1	--	
276+41.67	--	34' RT	LB8	--	--	--	1	--	135	--	--	1	1	1	--	
280+49.12	--	84' LT	CABINET	--	--	--	--	1	--	--	1	--	--	--	1	
279+02.75	--	41' LT	PB1	--	--	1	--	--	--	--	--	--	--	--	--	
280+38.93	--	48' LT	PB2	--	--	1	--	--	--	--	--	--	--	--	--	
280+82.15	--	40' RT	PB3	--	--	1	--	--	--	--	--	--	--	--	--	
279+78.72	--	53' RT	PB4	--	--	1	--	--	--	--	--	--	--	--	--	
279+02.75	- 280+38.93	--	PB1-PB2	--	140	--	--	--	--	--	--	--	--	--	--	
280+38.93	- 280+82.15	--	PB2-PB3	--	100	--	--	--	--	--	--	--	--	--	--	
280+82.15	- 279+78.72	--	PB3-PB4	--	105	--	--	--	--	--	--	--	--	--	--	
279+78.72	- 279+02.75	--	PB4-PB1	--	125	--	--	--	--	--	--	--	--	--	--	
280+38.93	- 280+49.12	--	PB2-CABINET	35	--	--	--	--	--	--	--	--	--	--	--	
280+38.93	- 281+45.49	--	PB2-LB3	110	--	--	--	--	--	--	--	--	--	--	--	
281+45.49	- 282+75.85	--	LB3-LB4	130	--	--	--	--	--	--	--	--	--	--	--	
280+38.93	- 278+97.36	--	PB2-LB2	10	--	--	--	--	--	--	--	--	--	--	--	
280+82.15	- 280+87.61	--	PB3-LB5	10	--	--	--	--	--	--	--	--	--	--	--	
279+78.72	- 279+84.05	--	PB4-LB6	10	--	--	--	--	--	--	--	--	--	--	--	
279+78.72	- 278+53.85	--	PB4-LB7	130	--	--	--	--	--	--	--	--	--	--	--	
278+53.85	- 276+41.67	--	LB7-LB8	215	--	--	--	--	--	--	--	--	--	--	--	
279+78.72	- 278+97.36	--	PB1-LB1	10	--	--	--	--	--	--	--	--	--	--	--	
PROJECT	--	--	GROUND	--	--	--	--	--	--	1130	--	--	--	--	--	
CIRCUIT A	--	--	--	--	--	--	--	--	--	680	--	--	--	--	--	
CIRCUIT B	--	--	--	--	--	--	--	--	--	360	--	--	--	--	--	
CIRCUIT C	--	--	--	--	--	--	--	--	--	590	--	--	--	--	--	
CIRCUIT D	--	--	--	--	--	--	--	--	--	440	--	--	--	--	--	
5050-02-70 TOTAL				660	470	4	8	1	1,080	3,200	1	8	8	8	1	



PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	PLAN DETAILS	SHEET	E
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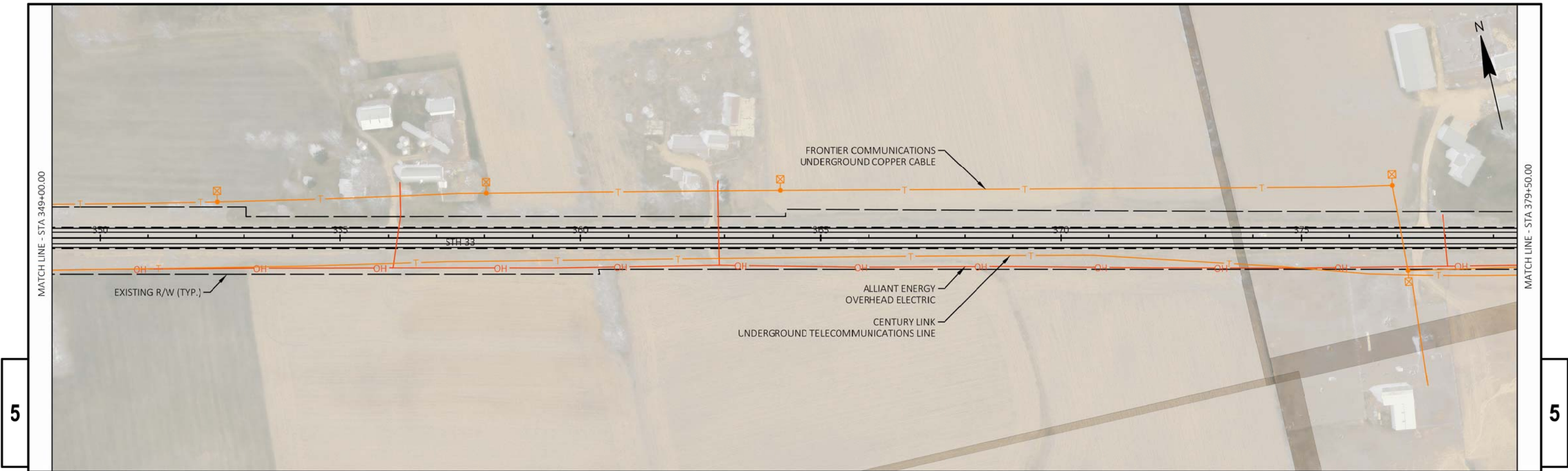


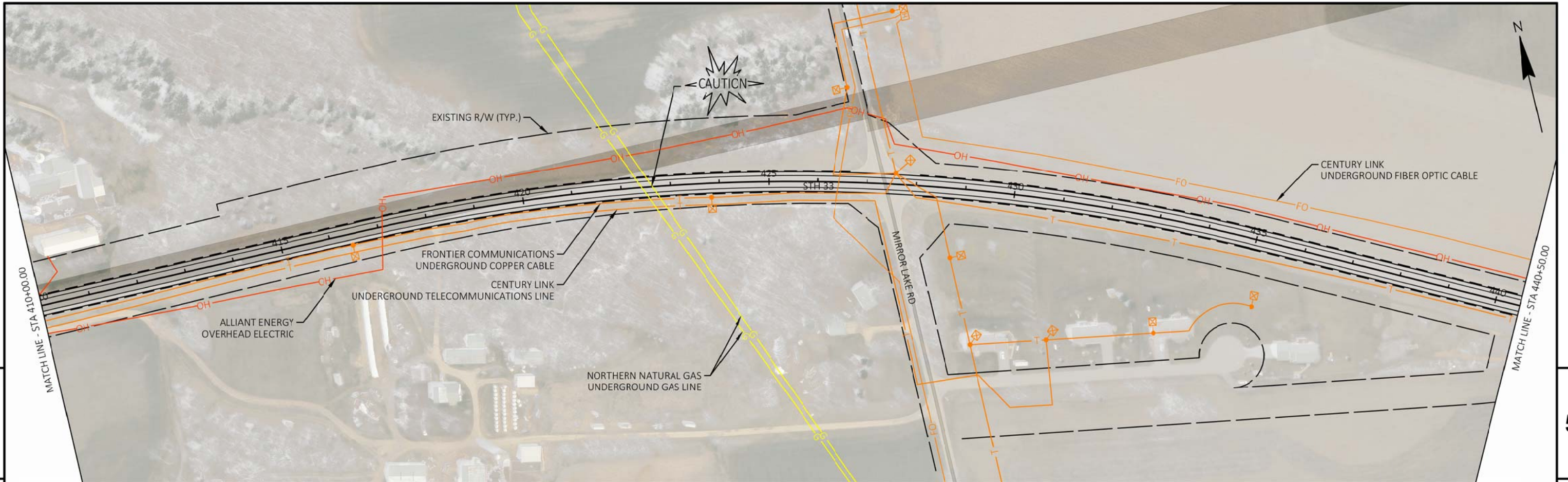


PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	PLAN DETAILS	SHEET	E
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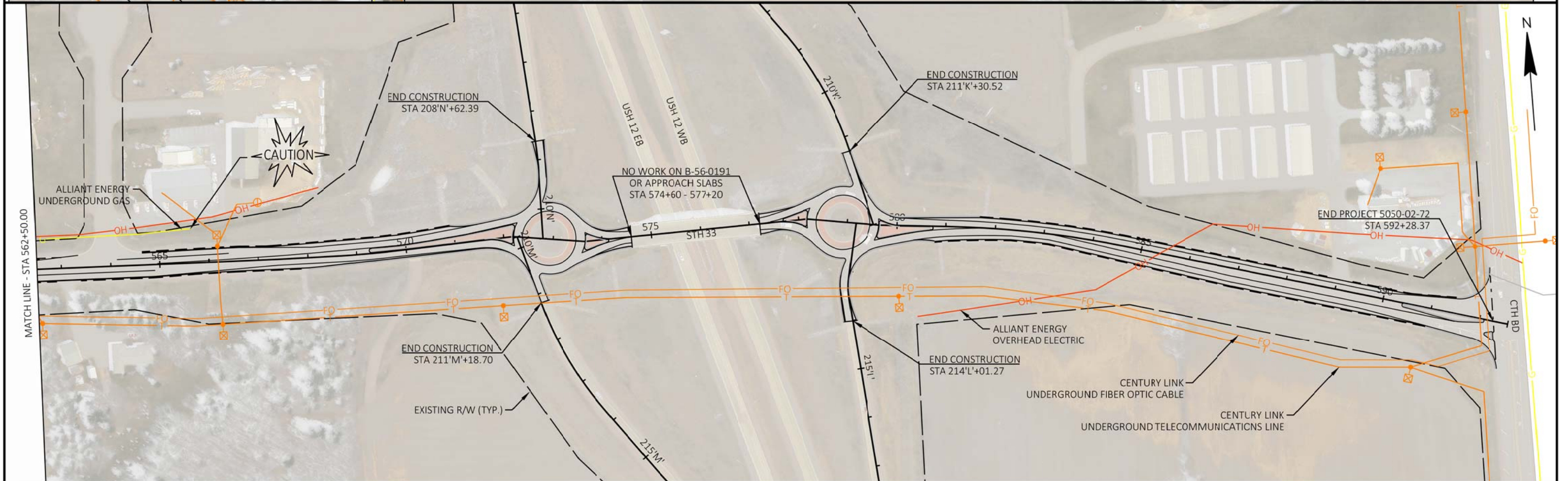
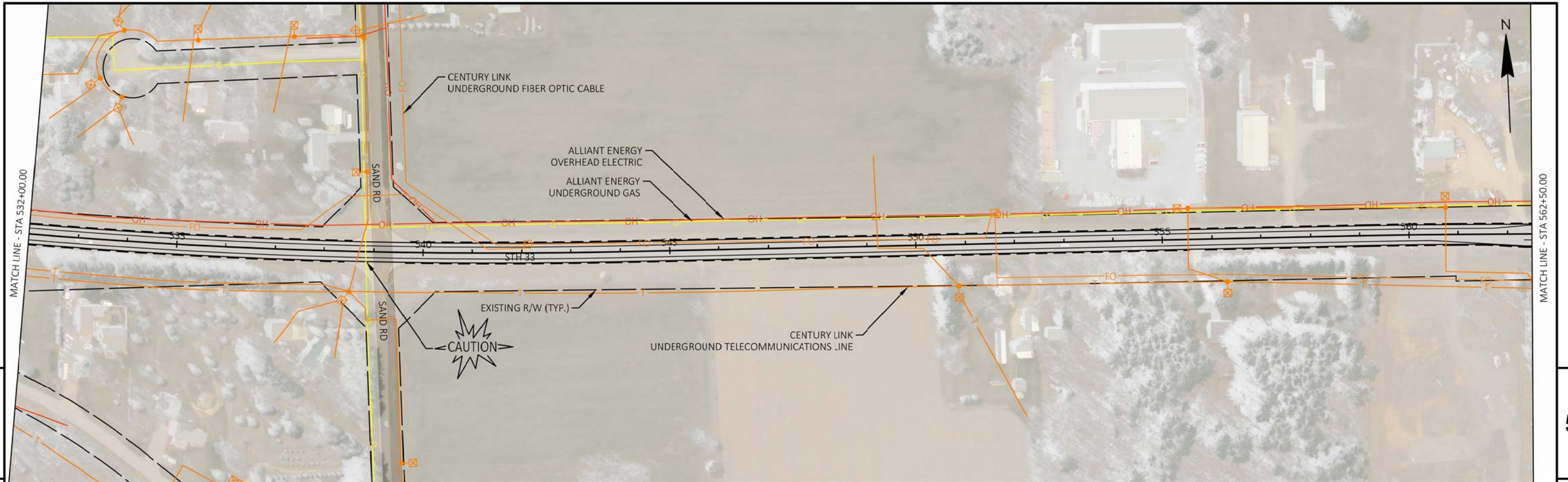
PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	PLAN DETAILS	SHEET	E
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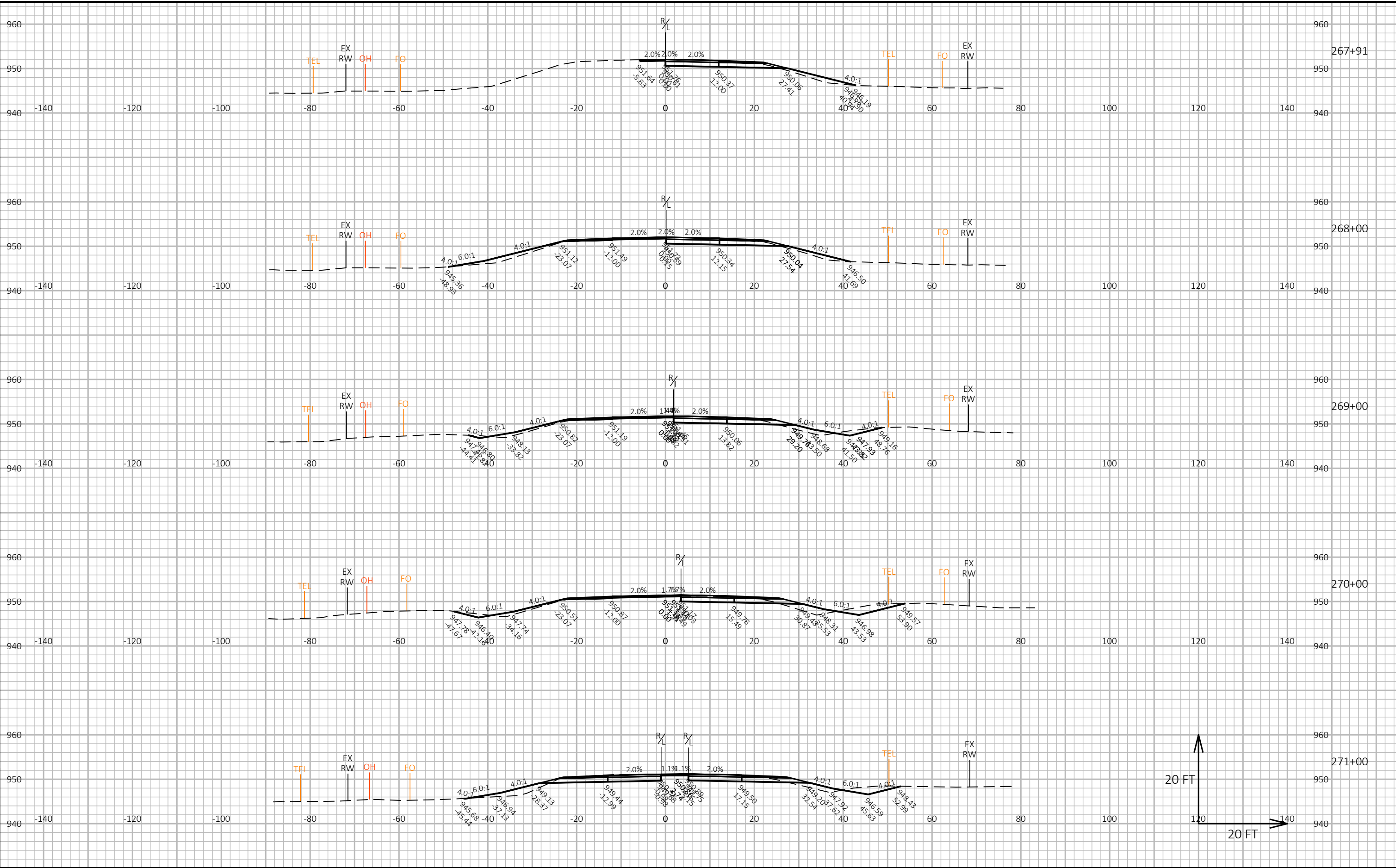


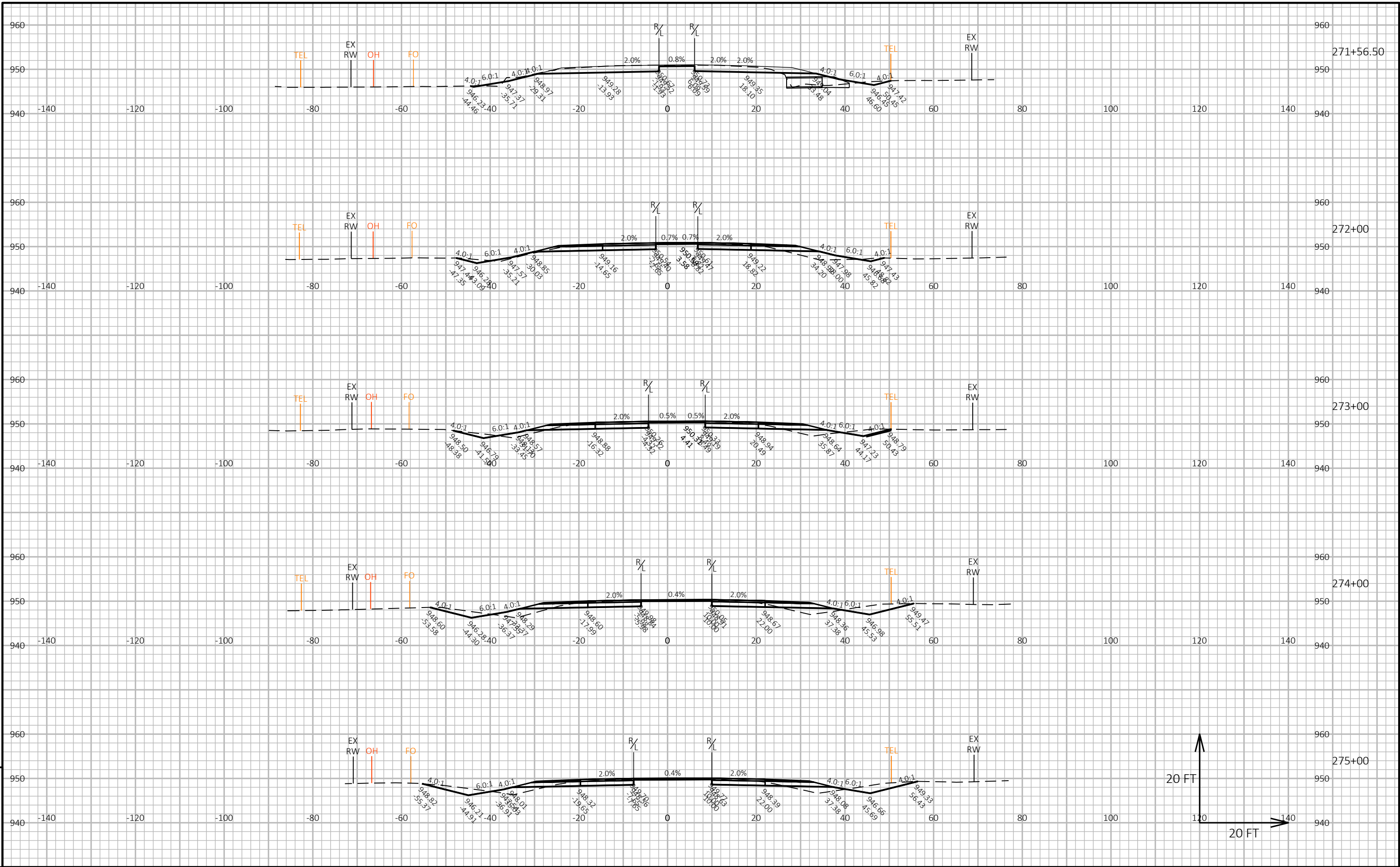


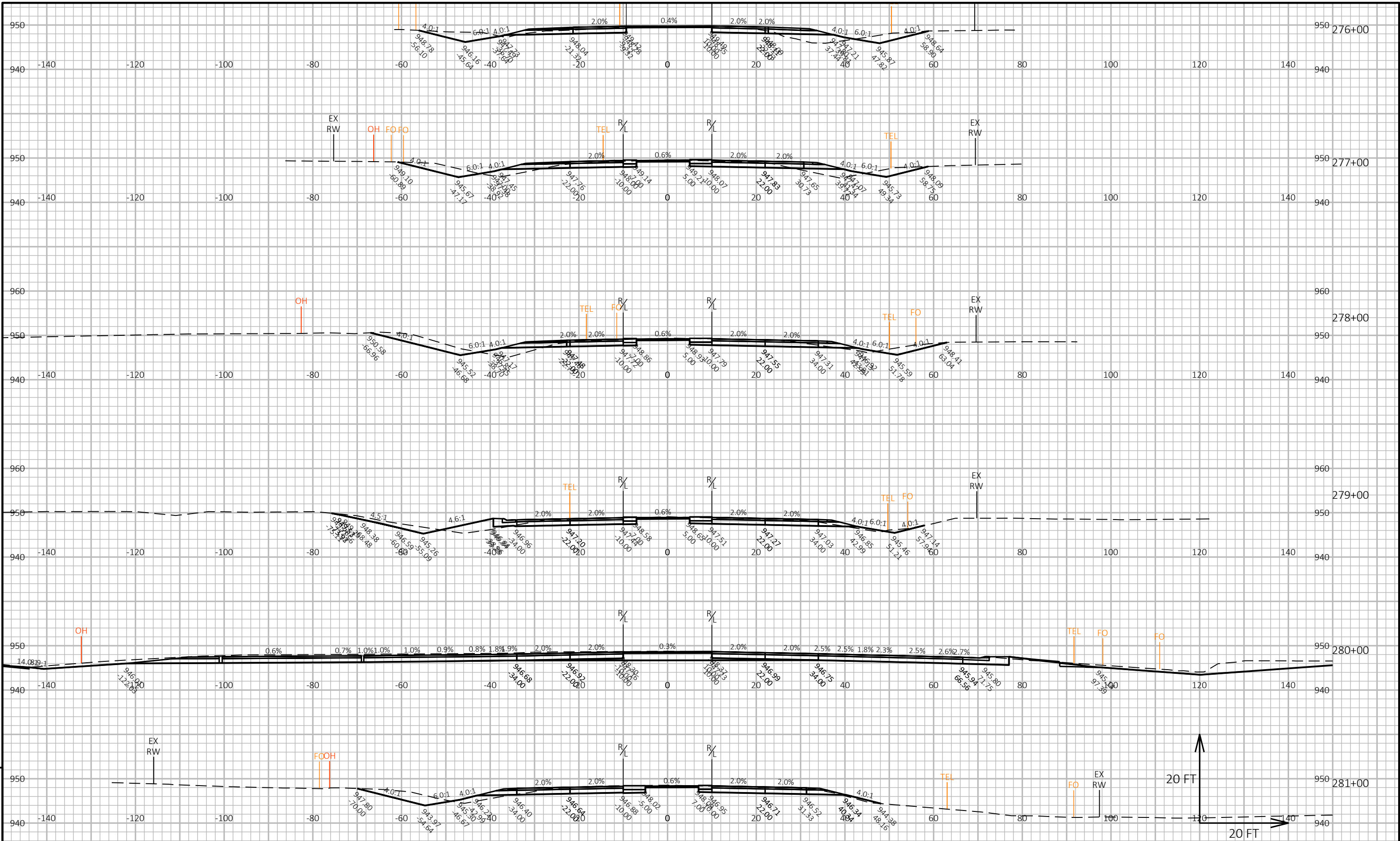


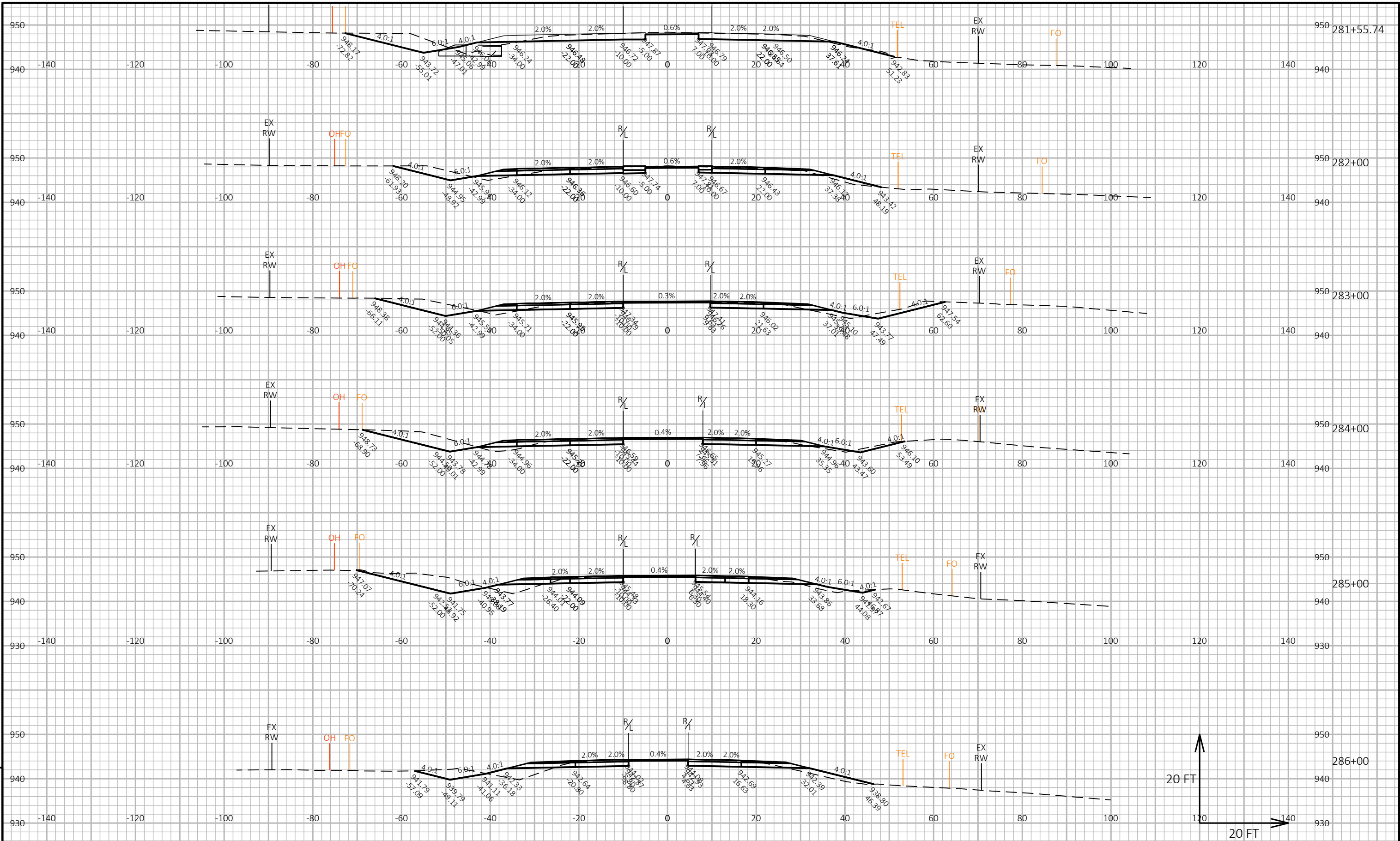
PROJECT NO: 5050-02-70/71/72	HWY: STH 23/STH 33	COUNTY: SAUK	PLAN DETAILS	SHEET	E
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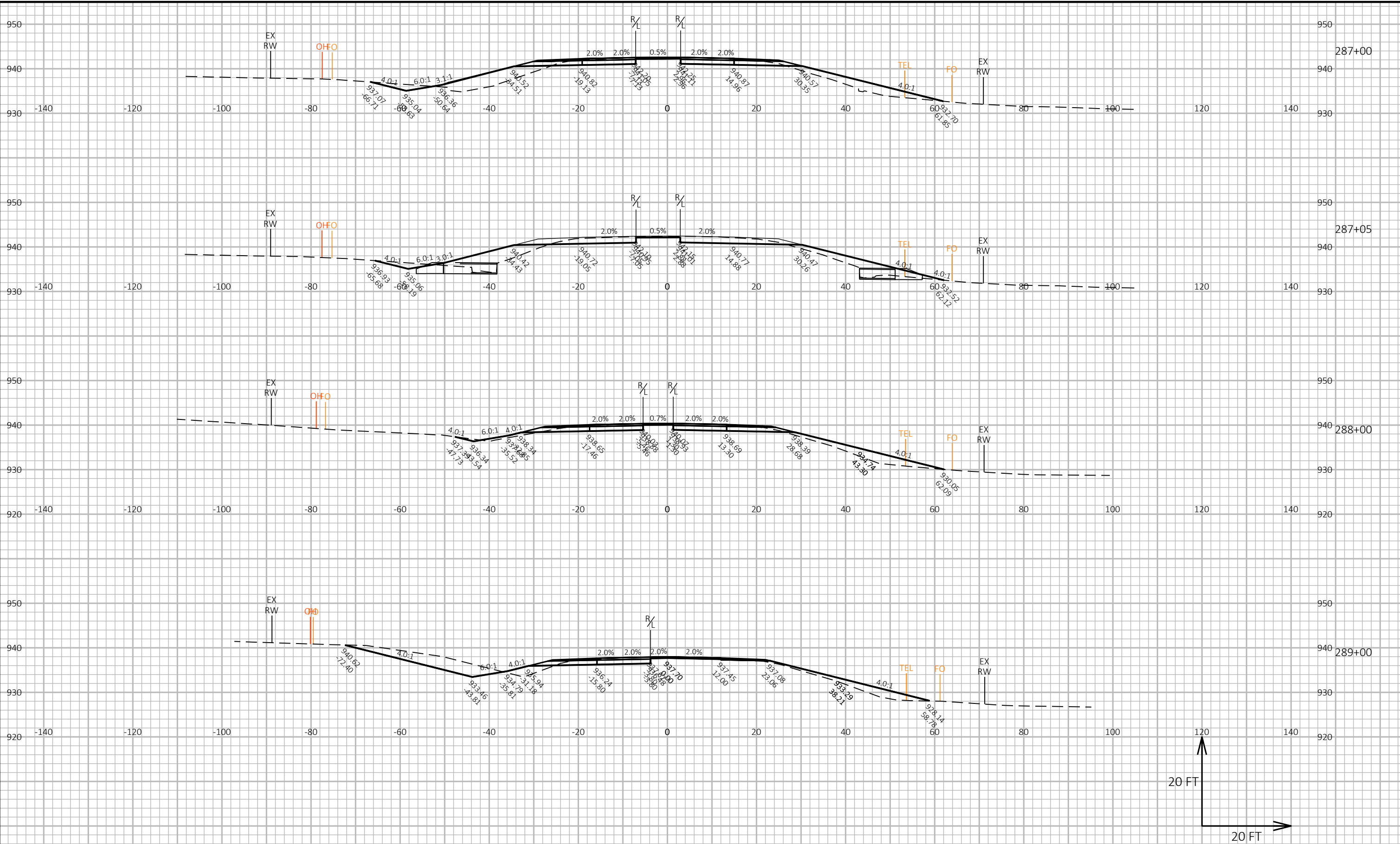


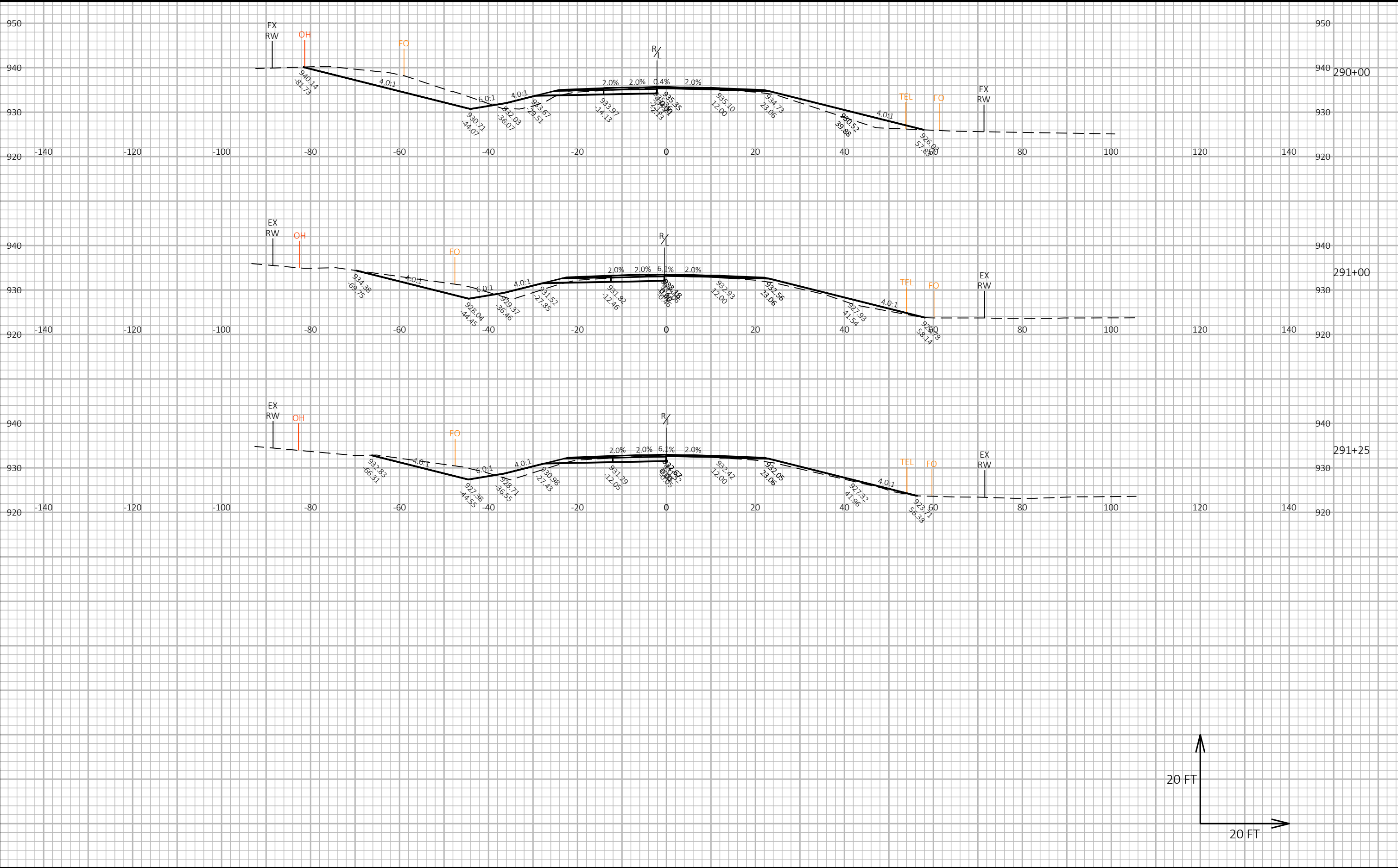


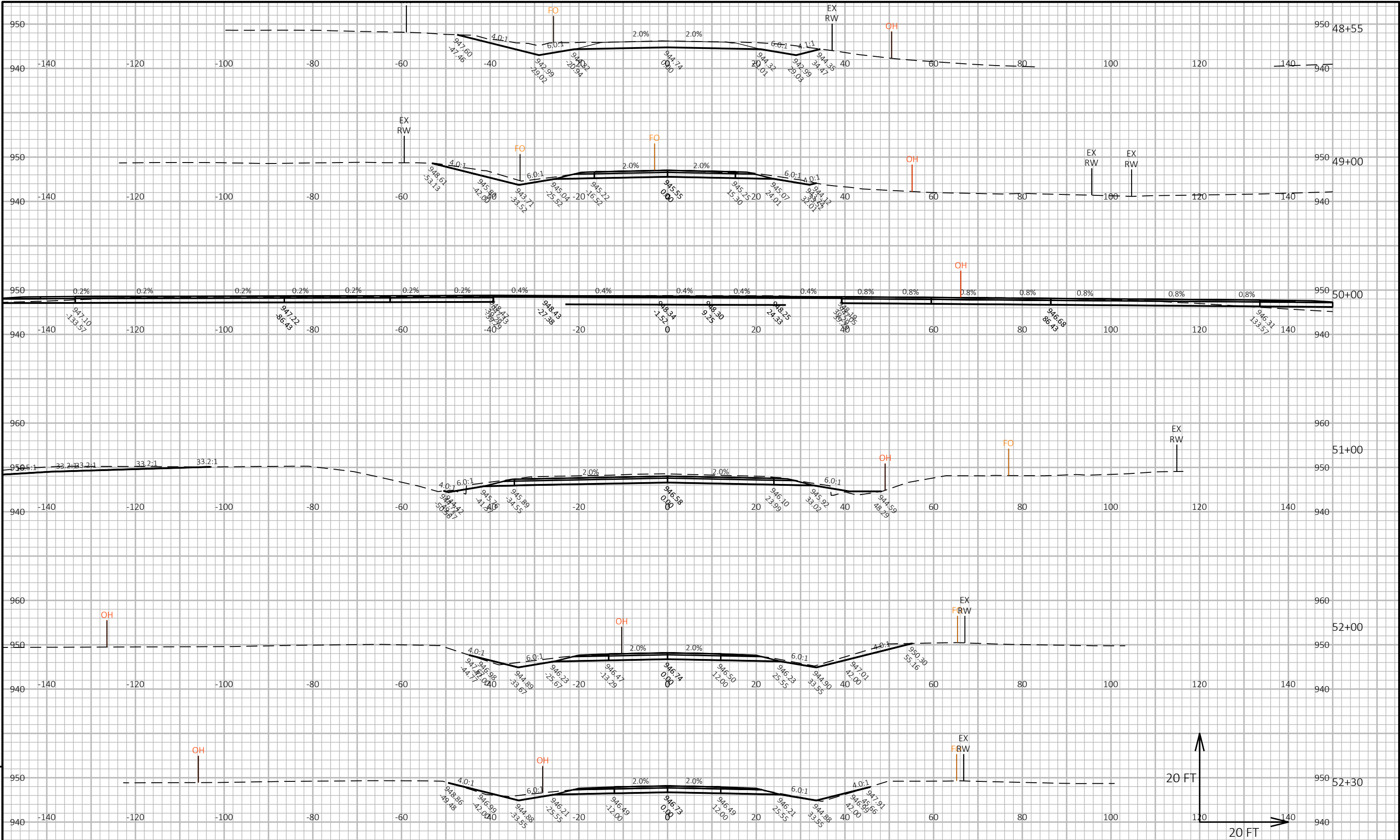












EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a "PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

- a. With the plan open in Acrobat, select Document > Insert Pages.
- b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
- c. In the Insert dialog box, choose After for Location and Last page for Page.
- d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

- a. Go to the last sheet of the plan.
- b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match the page number in the Acrobat Status bar).

3. Re-Save the PDF

- a. Select File > Save As and save the PDF.

TO REMOVE PRELIMINARY SHEET NUMBERS