

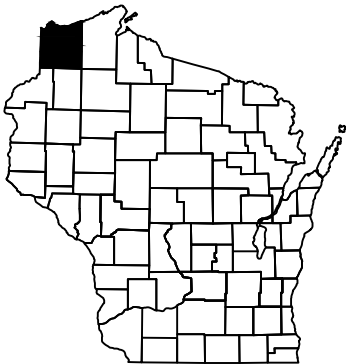
PROJECT ID: 1198-00-72
WITH: 1198-00-92

COUNTY: DOUGLAS

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 1198-00-02

A.A.D.T.	2018	=	7,200
A.A.D.T.	2038	=	7,900
D.H.V.		=	995.4
D.D.		=	61/39
T.		=	13.4%
DESIGN SPEED		=	65
ESALS		=	3,508,070

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	

	ROCK
	LABEL
	95.36
	E
	FO
	G
	SAN
	SS
	T
	W

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

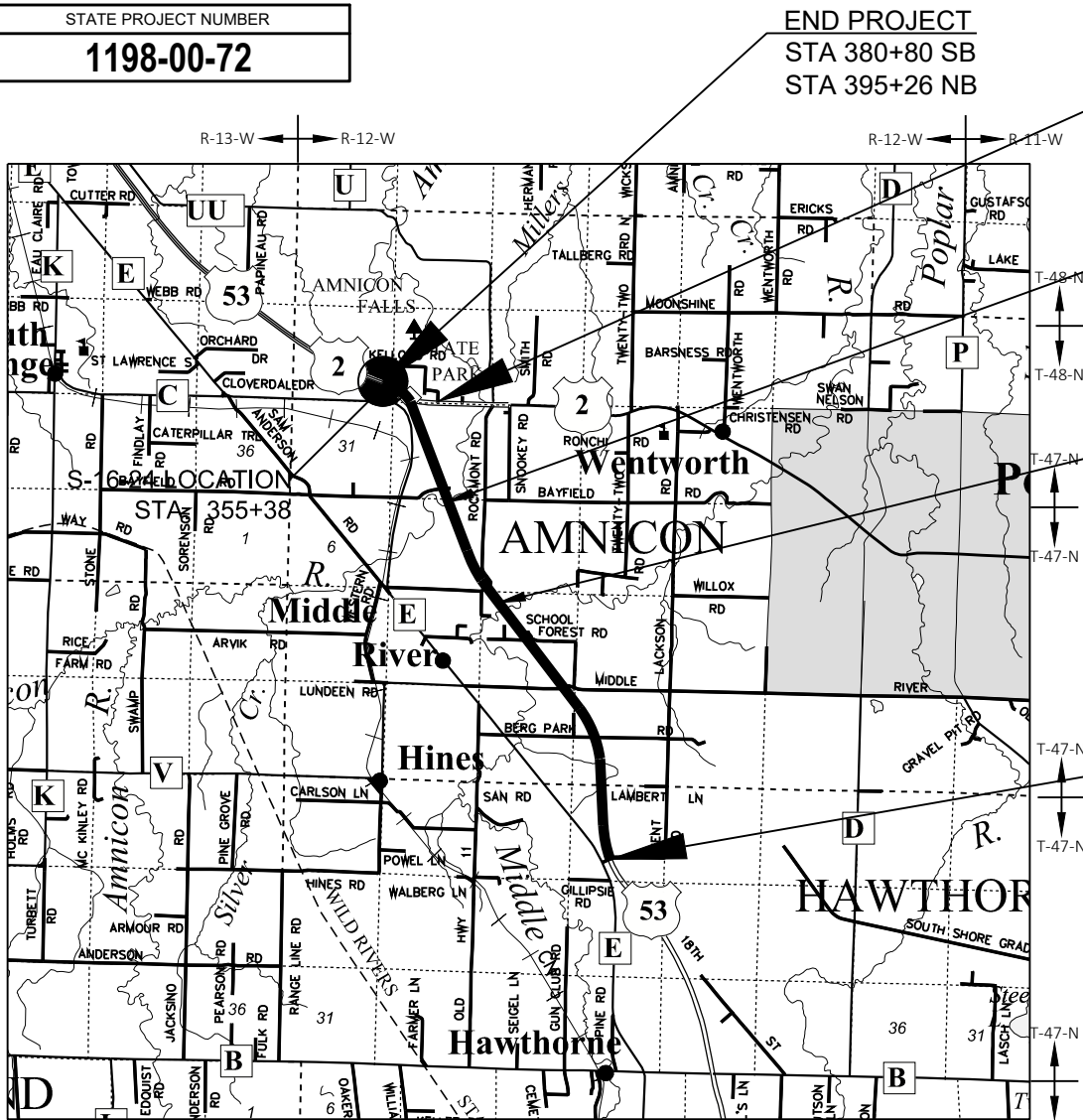
PLAN OF PROPOSED IMPROVEMENT

SOLON SPRING - SUPERIOR

KENT ROAD TO CTH C (NB & SB)

USH 53
DOUGLAS

STATE PROJECT NUMBER
1198-00-72



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 12.64 MI

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

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1198-00-72		

END PROJECT
STA 380+80 SB
STA 395+26 NB

END PROJECT
STA 421D+50 HWY 2 TO USH 53 NB,
RAMP
STA 429C+35 USH 53 SB EXIT RAMP
STA 358A+27 USH 53 NB EXIT RAMP

NET EXCEPTION TO CL LENGTH
STA 299N+64 - STA 301N+32
B-16-34

NET EXCEPTION TO CL LENGTH
STA 219N+25 - STA 220N+17
B-16-31

BEGIN PROJECT
STA 56S+69
STA 71N+88

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	SURVEYOR
Designer	MITCHELL FINNEGAN
Project Manager	PHILIP KEPPERS
Regional Examiner	
Regional Supervisor	WILLIAM KURTZ
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)
E	

GENERAL NOTES

WHEN THE QUANTITY OF BASE AGGREGATE OR PAVEMENT IS MEASURED FOR PAYMENT BY THE TON OR BY THE CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT FOR AREAS WITHIN FINISHED SHOULDER POINT, SHALL BE FERTILIZED SEEDED AND COVERED WITH EROSION MAT.

THE LOCATION OF DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

THE LOCATIONS OF UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE PRIOR TO THE START OF WORK.

CURVE DATA IS BASED ON THE ARC DEFINITION.

THE EXACT LOCATION OF EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

NO EQUIPMENT OR MATERIALS SHALL BE STORED IN WETLAND AREAS.

PAVEMENT QUANTITIES ARE BASED ON 112 LBS/SY COMPACTED 1" THICK.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	RELEASE OF RIGHTS REMAINING	ROR REM.
ACCESS RIGHTS	AR	RIGHT-OF-WAY	R/W
ACRES	AC.	SECTION	SEC.
AND OTHERS	ET.AL.	STATION	STA.
CENTERLINE	C/L	TEMPORARY LIMITED EASEMENT	TLE
CERTIFIED SURVEY MAP	CSM	VOLUME	V.
CORNER	COR.		
DOCUMENT	DOC.		
EASEMENT	EASE.		
HIGHWAY EASEMENT	H.E.		
LAND CONTRACT	LC.		
MONUMENT	MON.		
PAGE	P.		
PERMANENT LIMITED EASEMENT	PLE		
PROPERTY LINE	PL		
RECORDED AS	(100')		
REFERENCE LINE	R/L		

ALAN NICKELL
CENTURYLINK - COMMUNICATION LINE
BOX 181
SOLON SPRINGS, WI 54873
378-2131
566-3879
ALAN.NICKELL@CENTURYLINK.COM

THOMAS HAASE
CHARTER COMMUNICATIONS - COMMUNICATION LINE
2304 S MAIN ST
RICE LAKE, WI 54868
719-0564
TOM.HAASE@CHARTER.COM

JAMES DAHLBERG
DAHLBERG LIGHT AND POWER COMPANY - ELECTRICITY
9221 E MAIN
BOX 300
SOLON SPRING, WI 54873-0300
378-2205

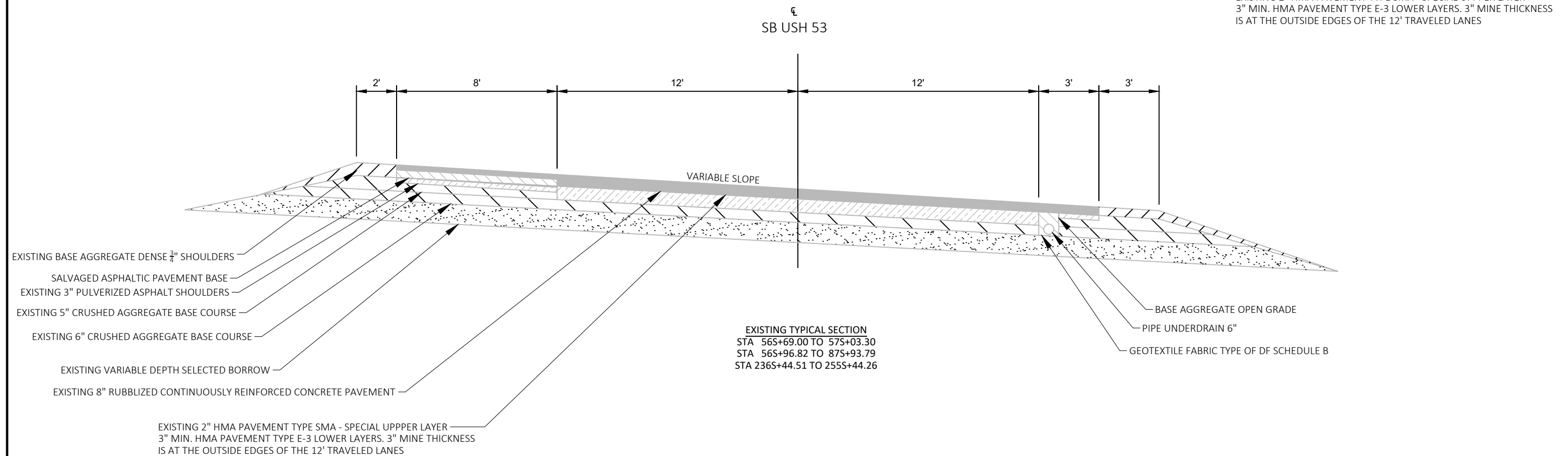
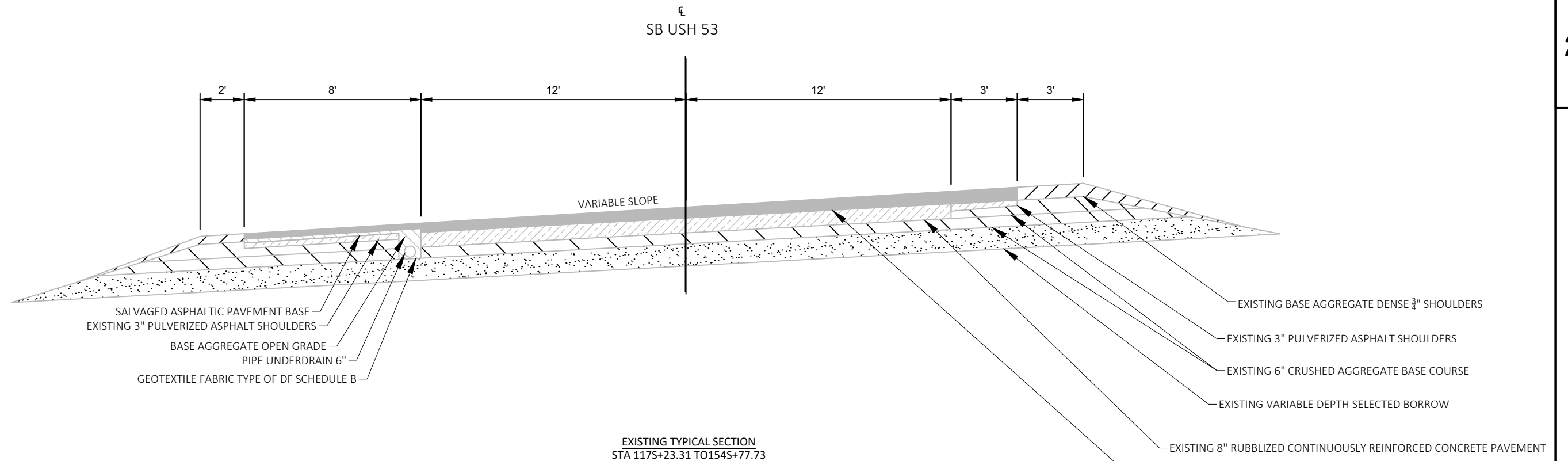
RANDY SIMMS
PACKERLAND BROADBAND - COMMUNICATION LINE
105 KENT ST
BOX 190
IRON MOUNTAIN, MI 49801
282-3802
RANDY.SIMMS@PACKERLANDBROADBAND.COM

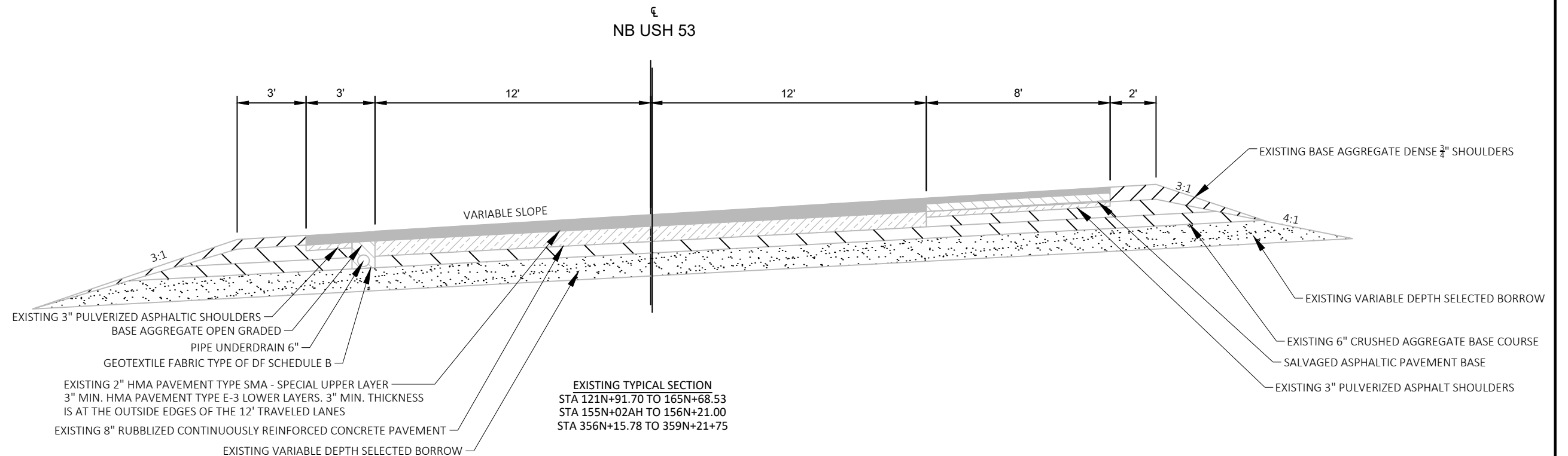
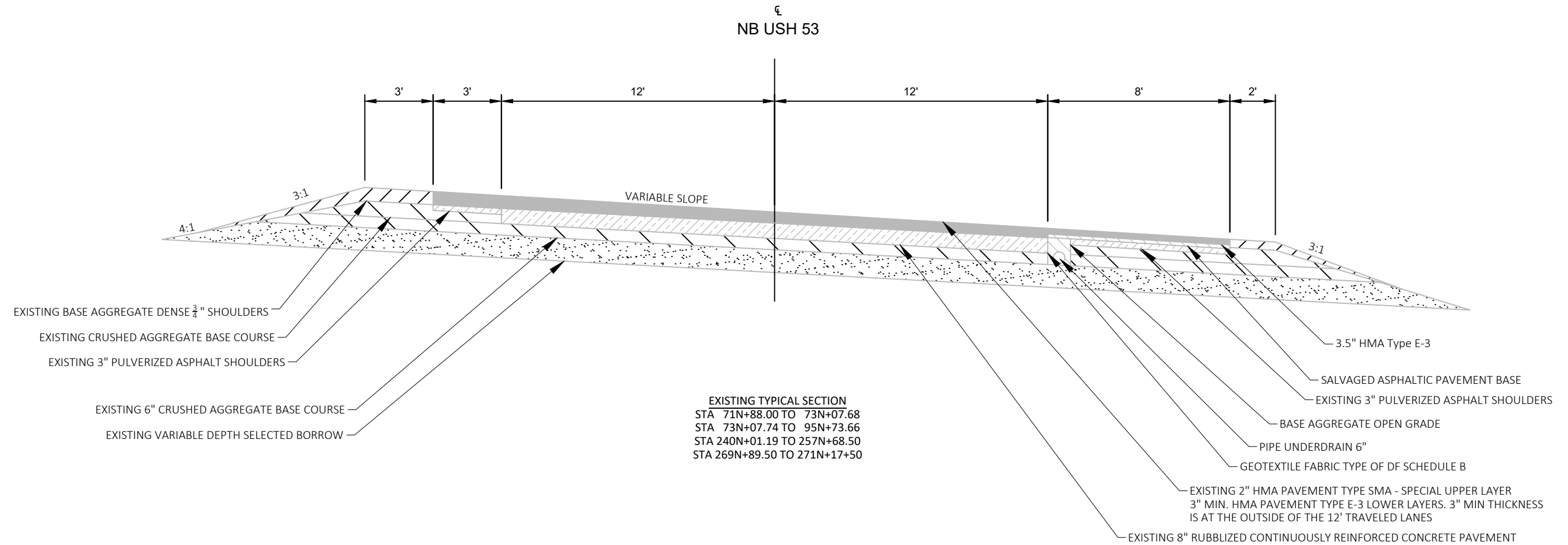


Dial 811 or (800)242-8511
www.DiggersHotline.com

WISDNR
810 WEST MAPLE STREET
SPOONER, WI 54801
SHAWN HASELEU, ENVIRONMENTAL
ANALYSIS AND REVIEW SPECIALIST
SHAWN.HASELEU@WISCONSIN.GOV
715-635-4228

WISDOT NW REGION
1701 NORTH 4TH STREET
SUPERIOR, WI 54880
BRENDAN DIRKES
PROJECT MANAGER
BRENDAN.DIRKES@DOT.WI.GOV
715-395-3026





PROJECT NO: 1198-00-72

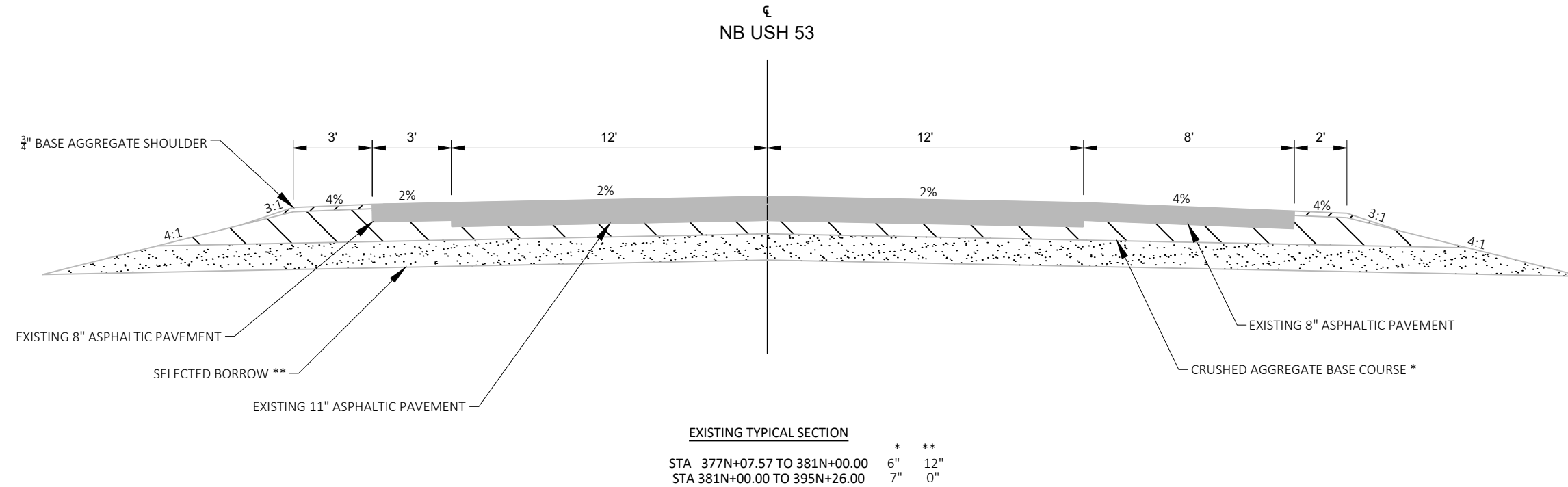
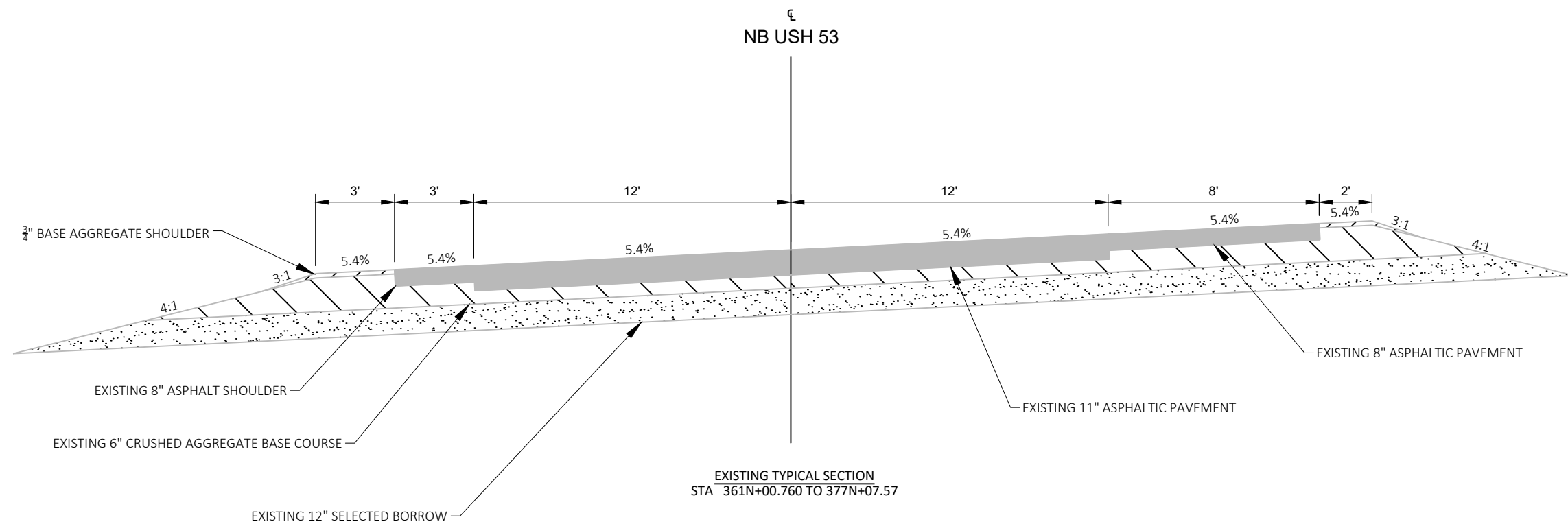
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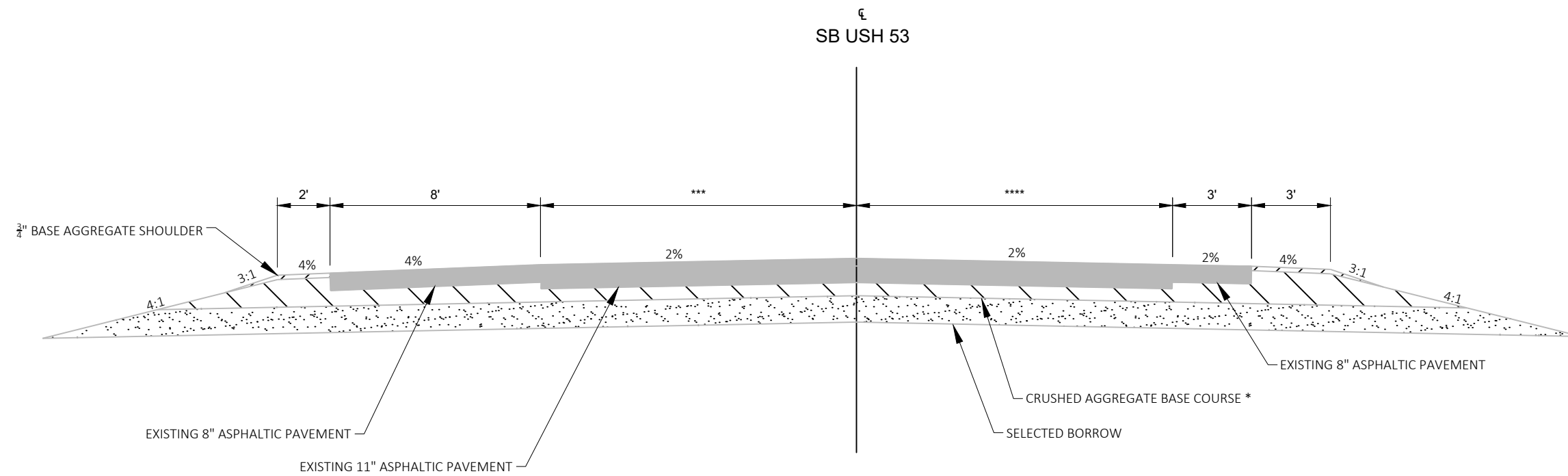
COUNTY: DOUGLAS

PLAN: TYPICAL SECTIONS

SHEET

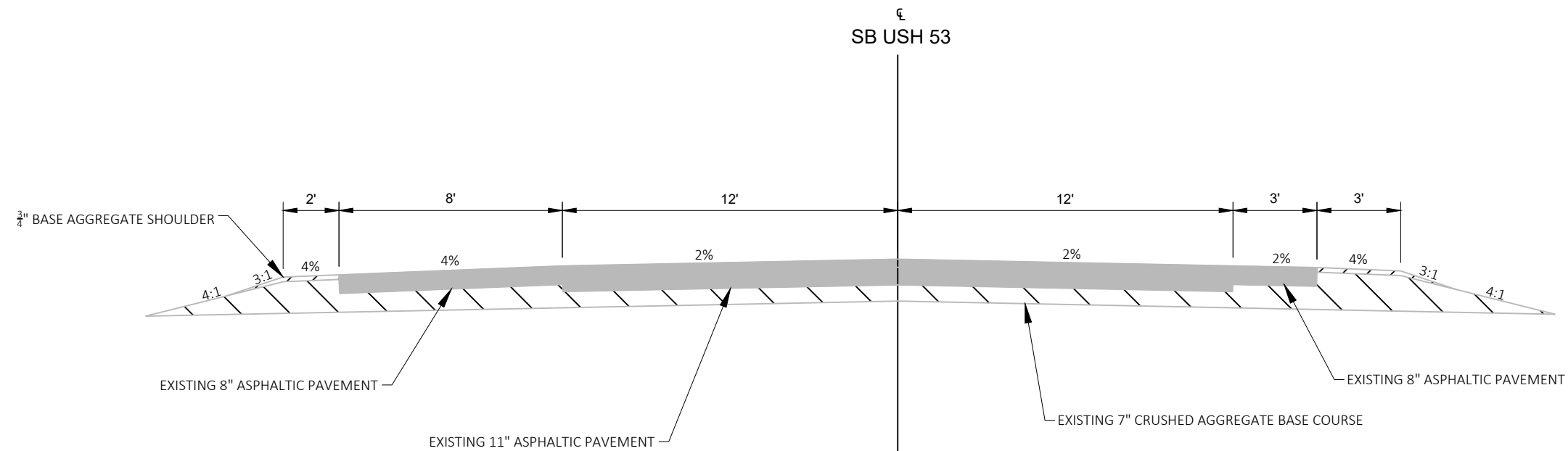
E





EXISTING TYPICAL SECTION

	*	**	***	****
STA 336S+00.00 TO 338S+77.91	6"	30"	12'	12'
STA 353S+33.33 TO 354S+19.56	6"	30"	12'	12'
STA 354S+19.56 TO 355S+10.19	7"	0"	12'	27.73' - 24'
STA 355S+10.19 TO 359S+00.00	7"	0"	12'	24'



EXISTING TYPICAL SECTION
STA 368S+11.50 TO 380S+80

PROJECT NO: 1198-00-72

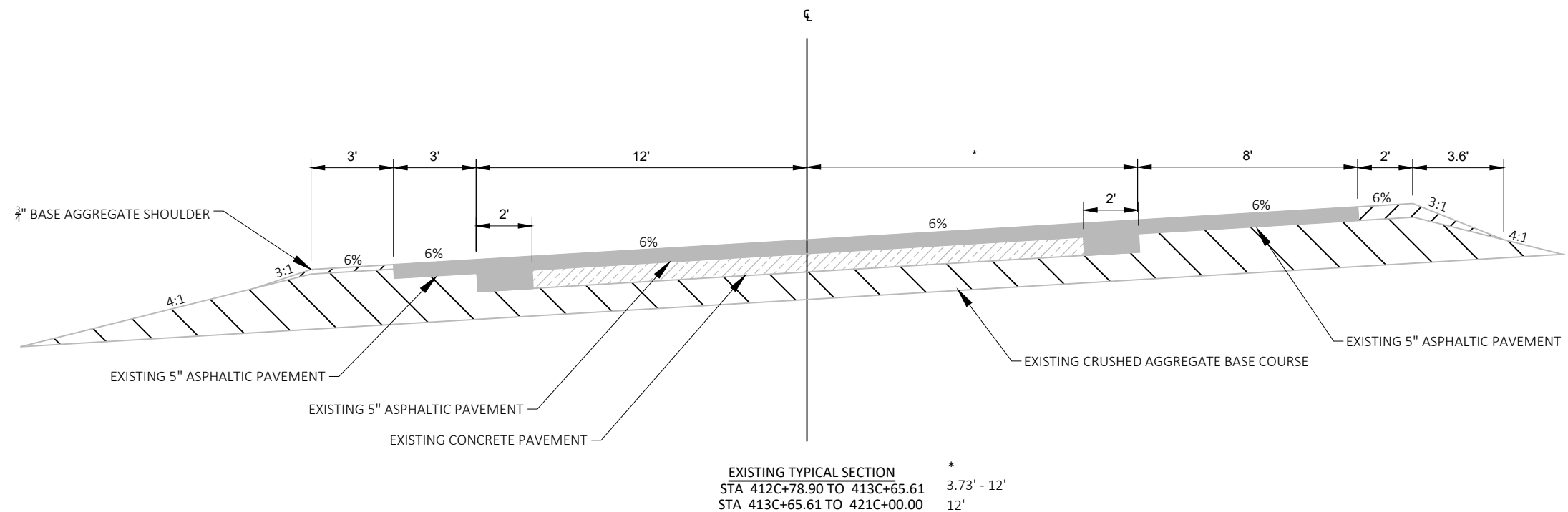
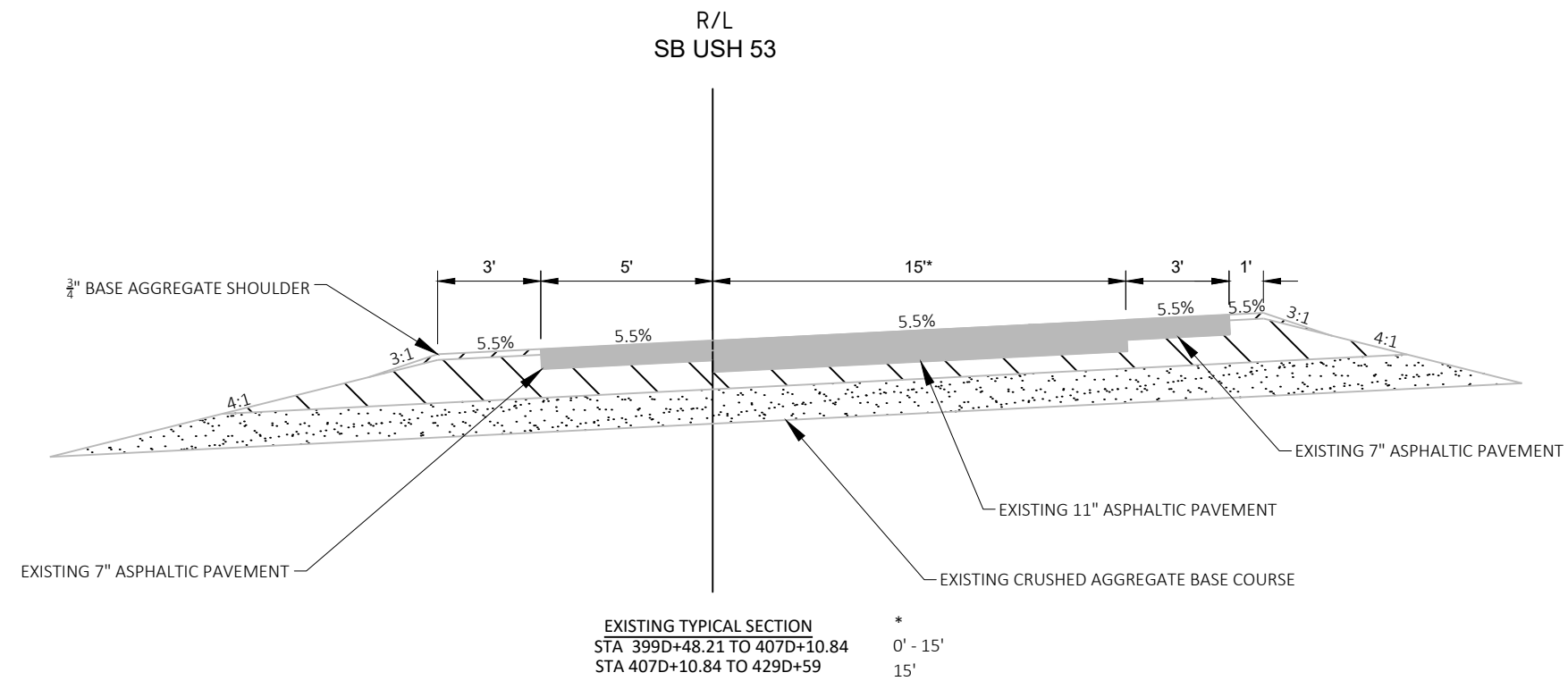
HWY: USH 53

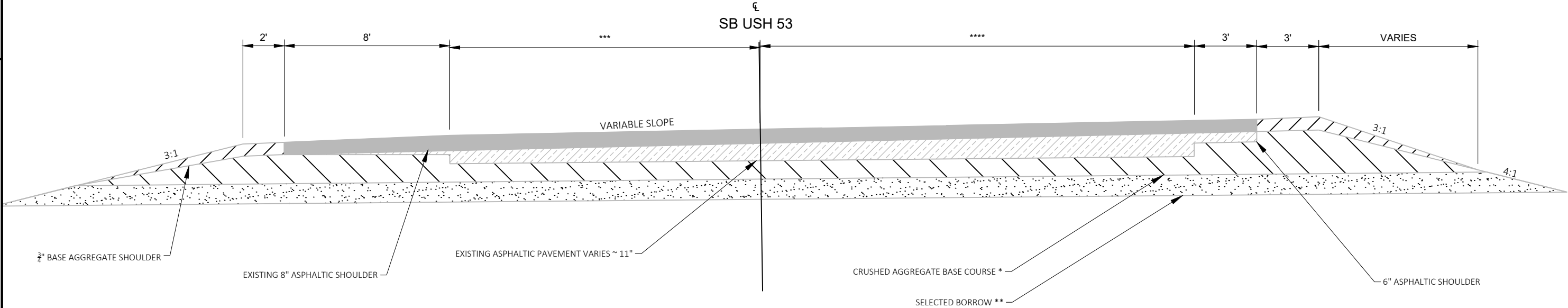
COUNTY: DOUGLAS

PLAN: TYPICAL SECTIONS

SHEET

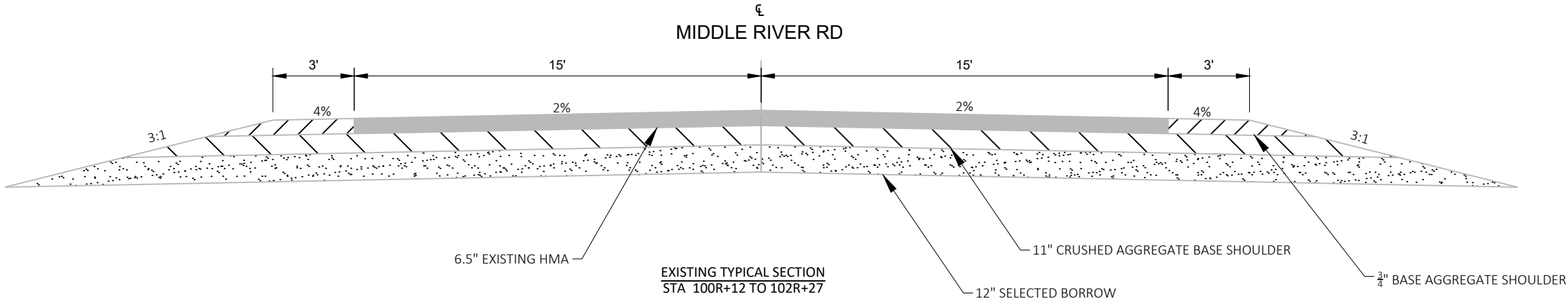
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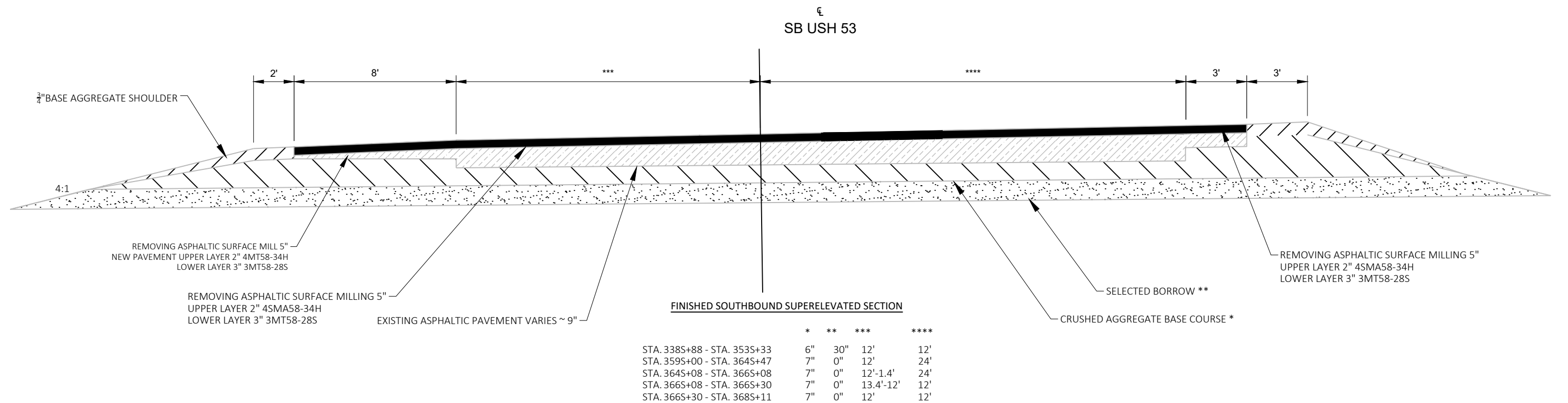
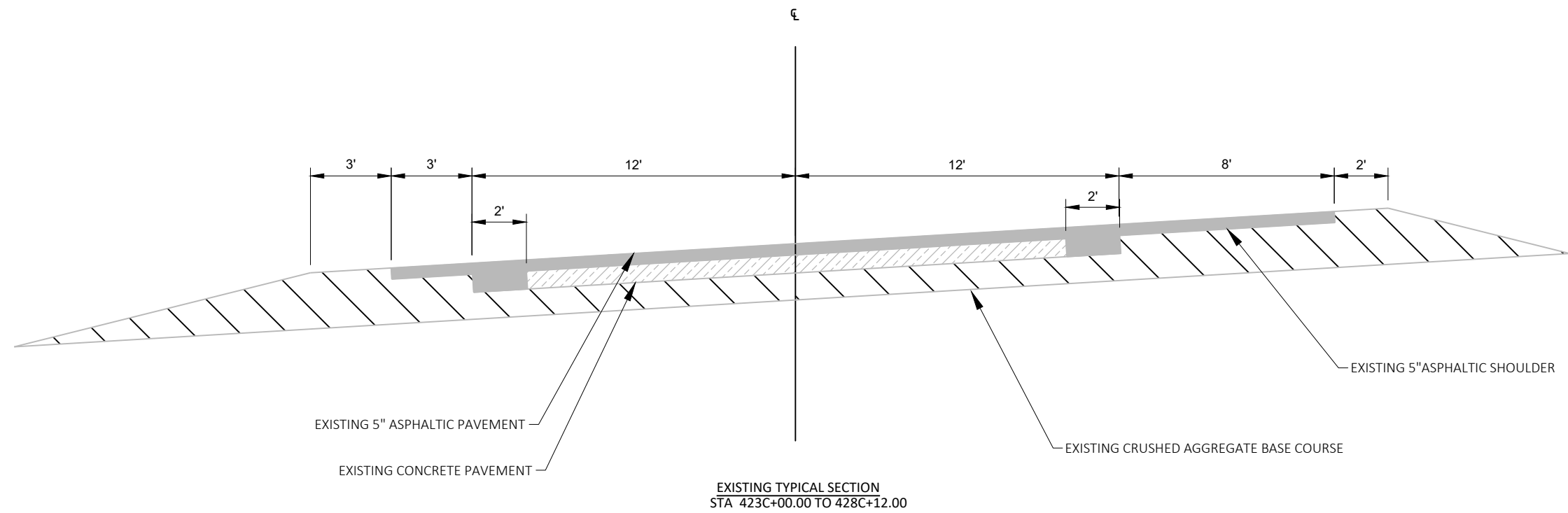


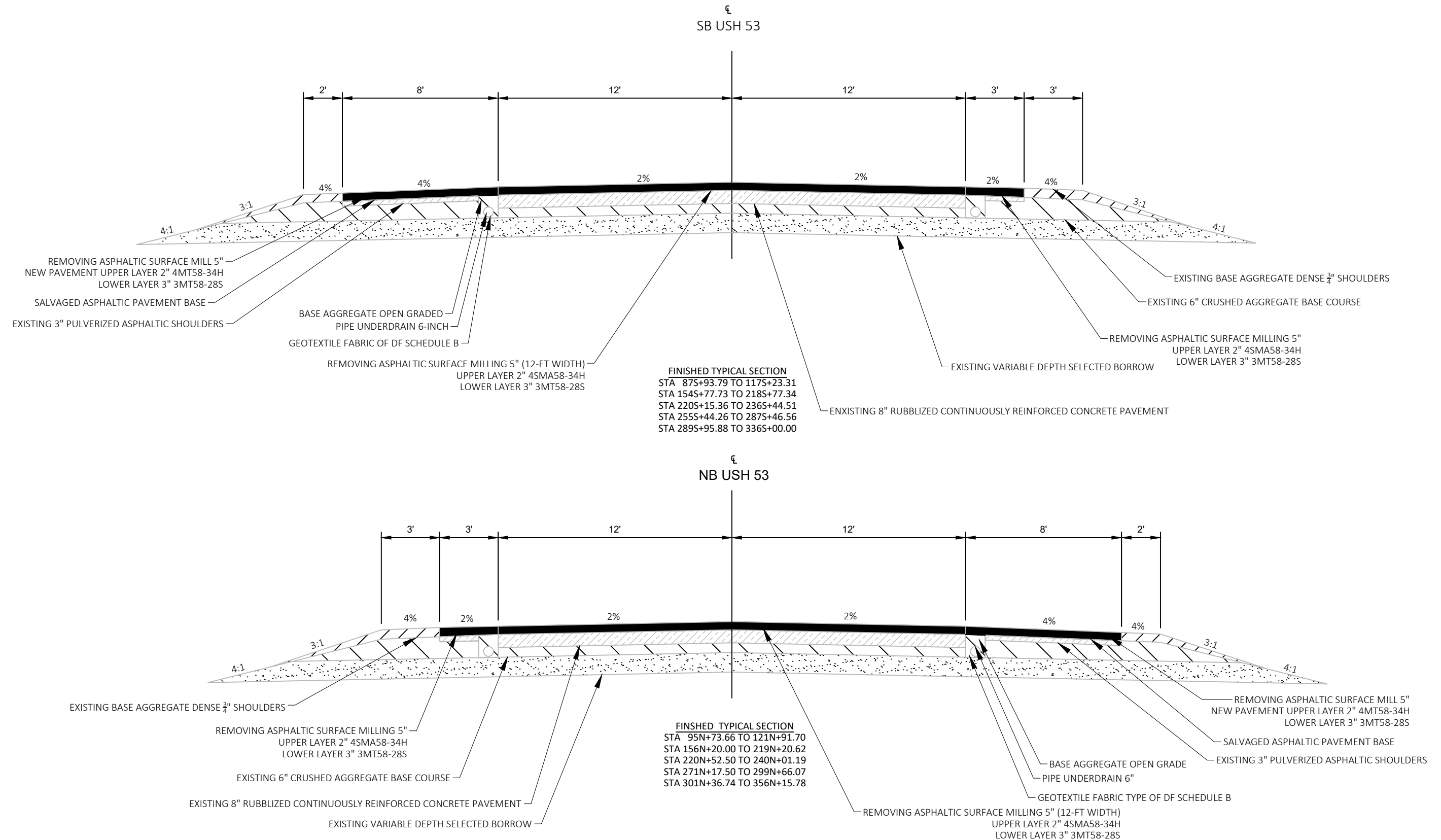
TYPICAL EXISTING SOUTHBOUND SUPERELEVATED SECTION

	*	**	***	****
STA. 338S+88 - STA. 353S+33	6"	30"	12'	12'
STA. 359S+00 - STA. 364S+47	7"	0"	12'	24'
STA. 364S+08 - STA. 366S+08	7"	0"	12'-1.4'	24'
STA. 366S+08 - STA. 366S+30	7"	0"	13.4'-12'	12'
STA. 366S+30 - STA. 368S+11	7"	0"	12'	12'



EXISTING TYPICAL SECTION
STA 100R+12 TO 102R+27





PROJECT NO: 1198-00-72

HWY: USH 53

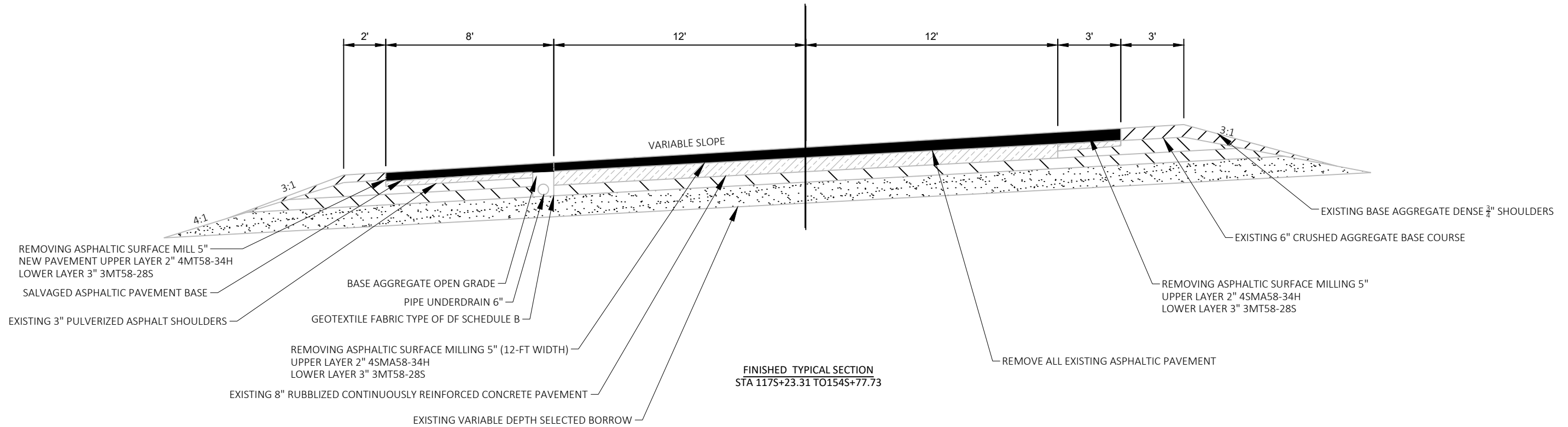
COUNTY: DOUGLAS

PLAN: TYPICAL SECTIONS

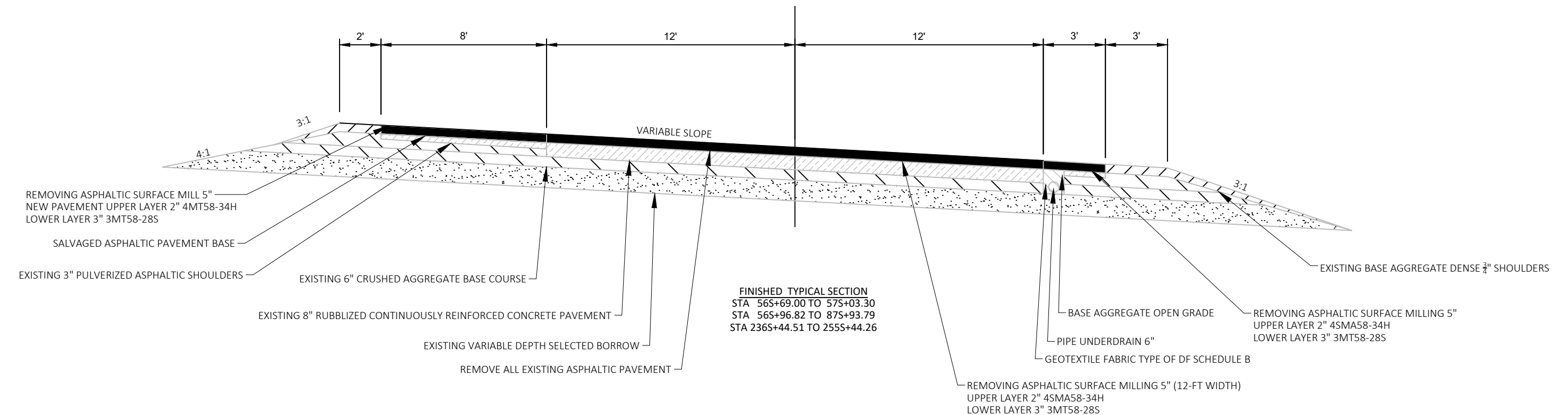
SHEET

E

SB USH 53



SB USH 53



PROJECT NO: 1198-00-72

HWY: USH 53

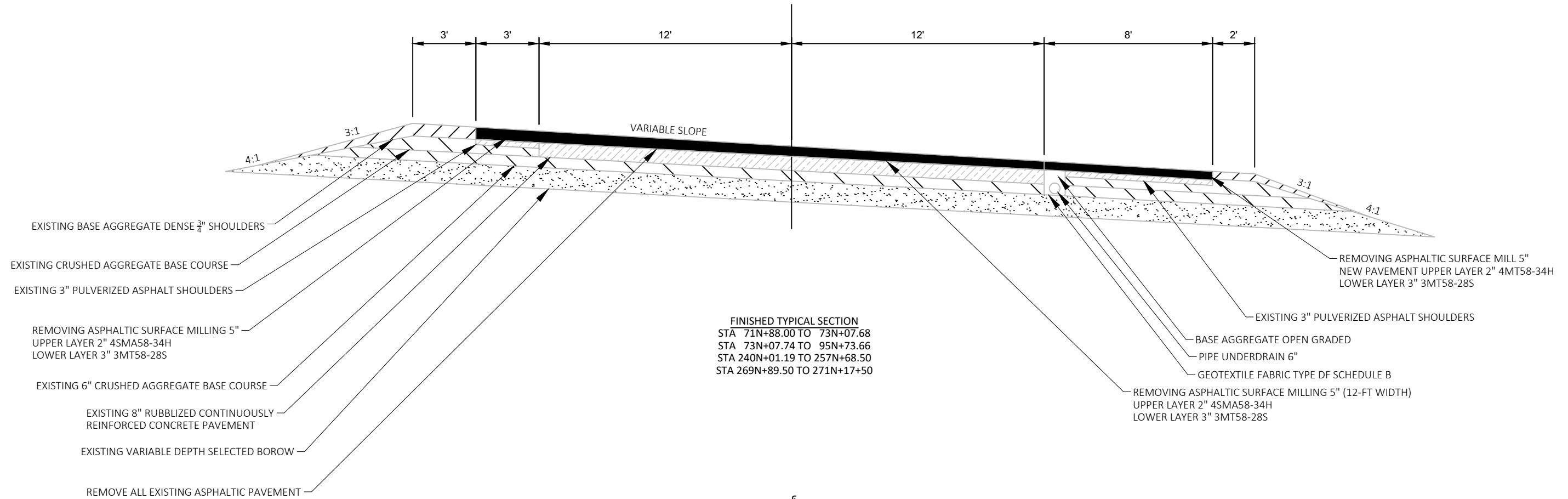
COUNTY: DOUGLAS

PLAN: TYPICAL SECTIONS

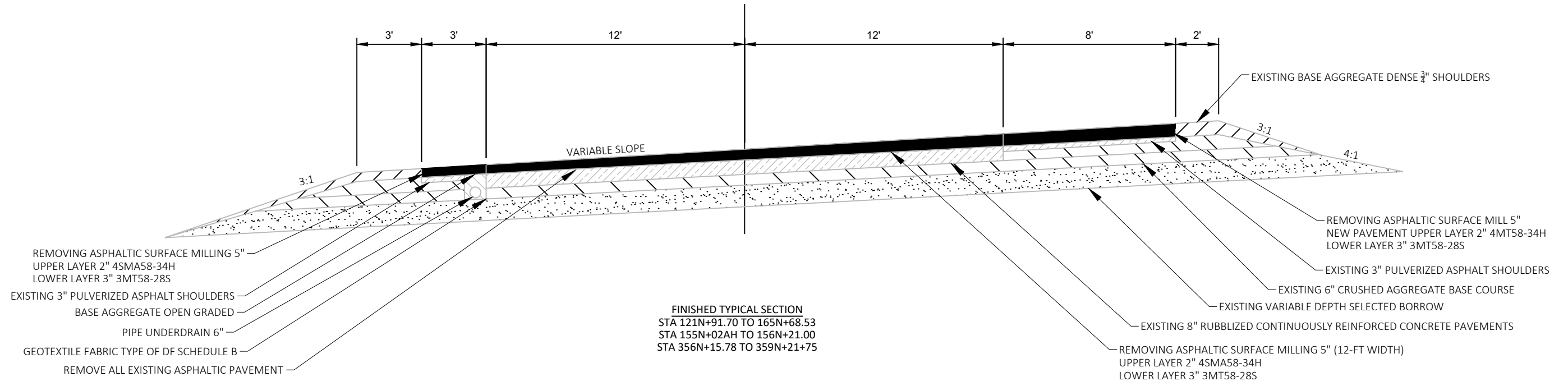
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E

NB USH 53



NB USH 53



PROJECT NO: 1198-00-72

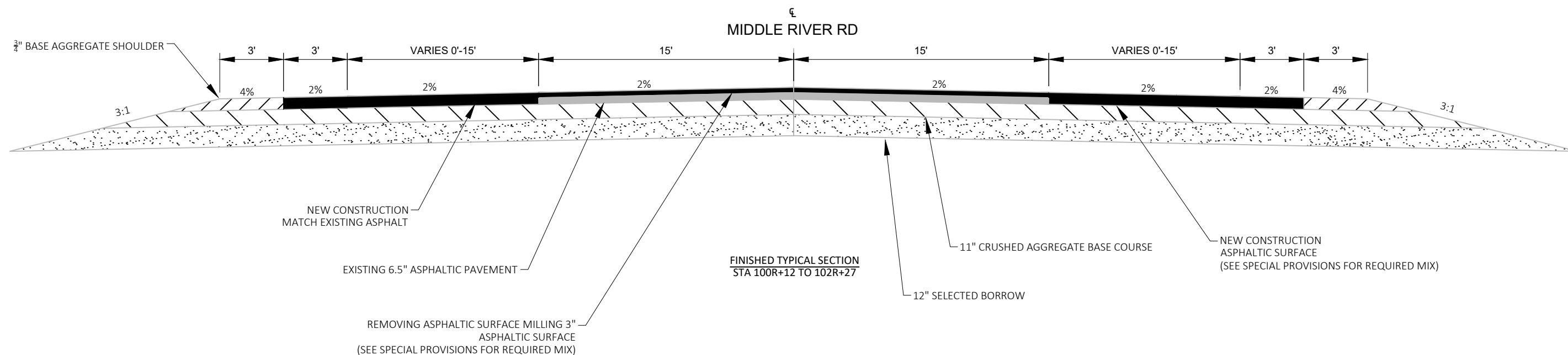
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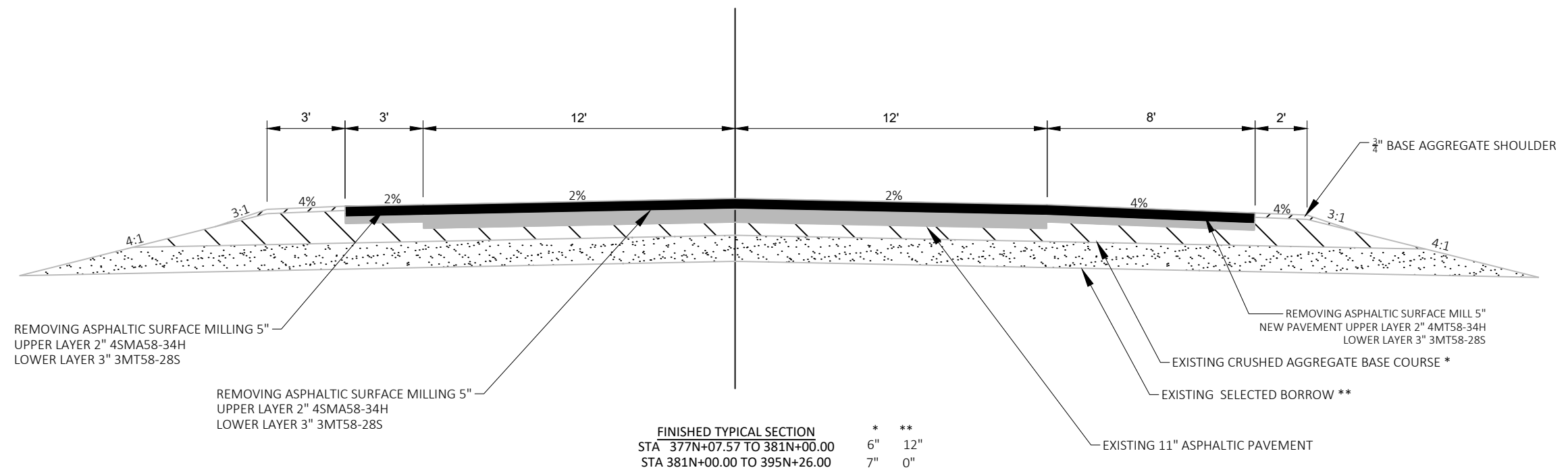
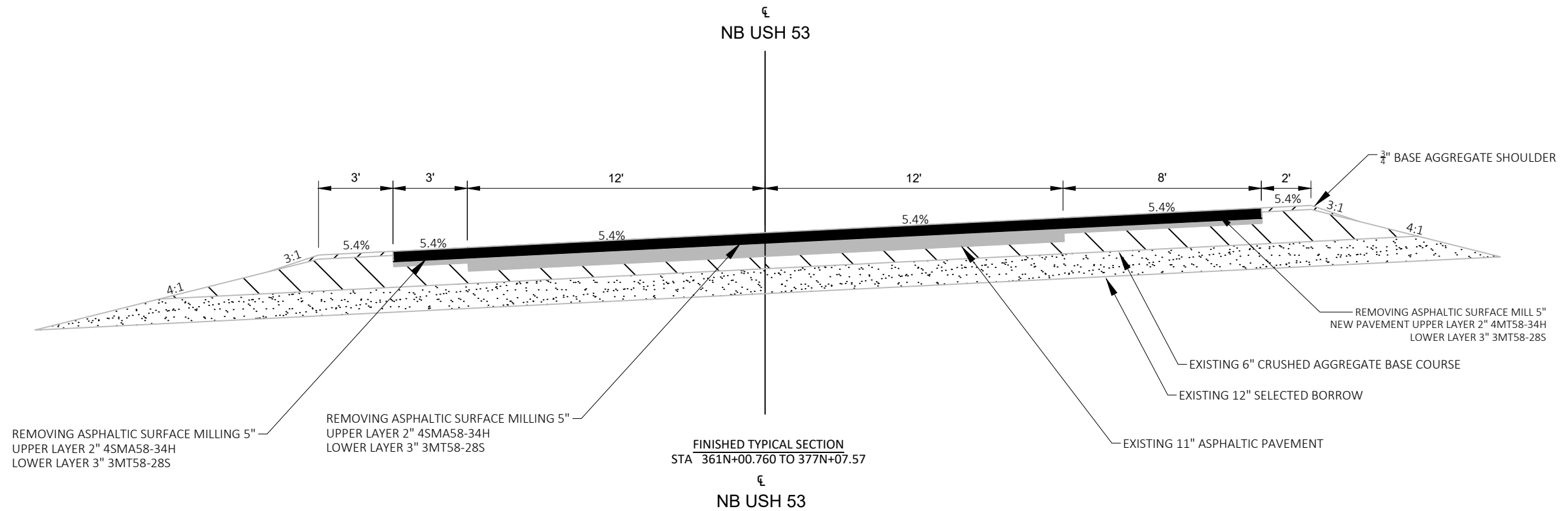
COUNTY: DOUGLAS

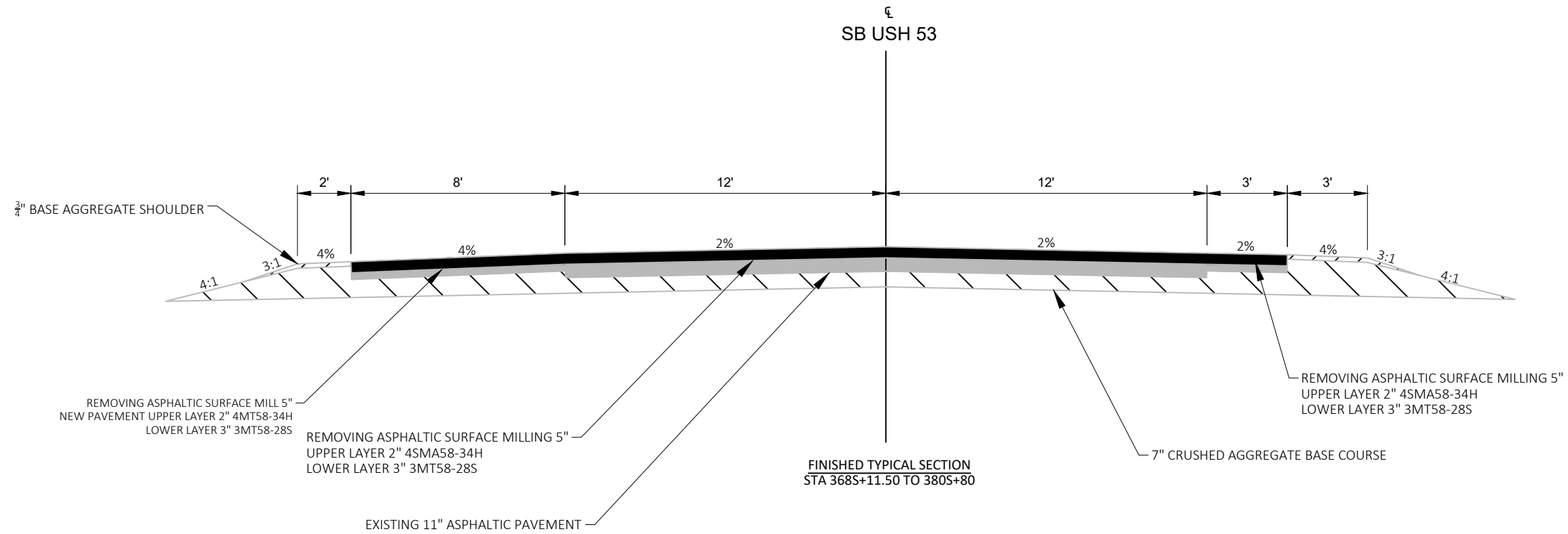
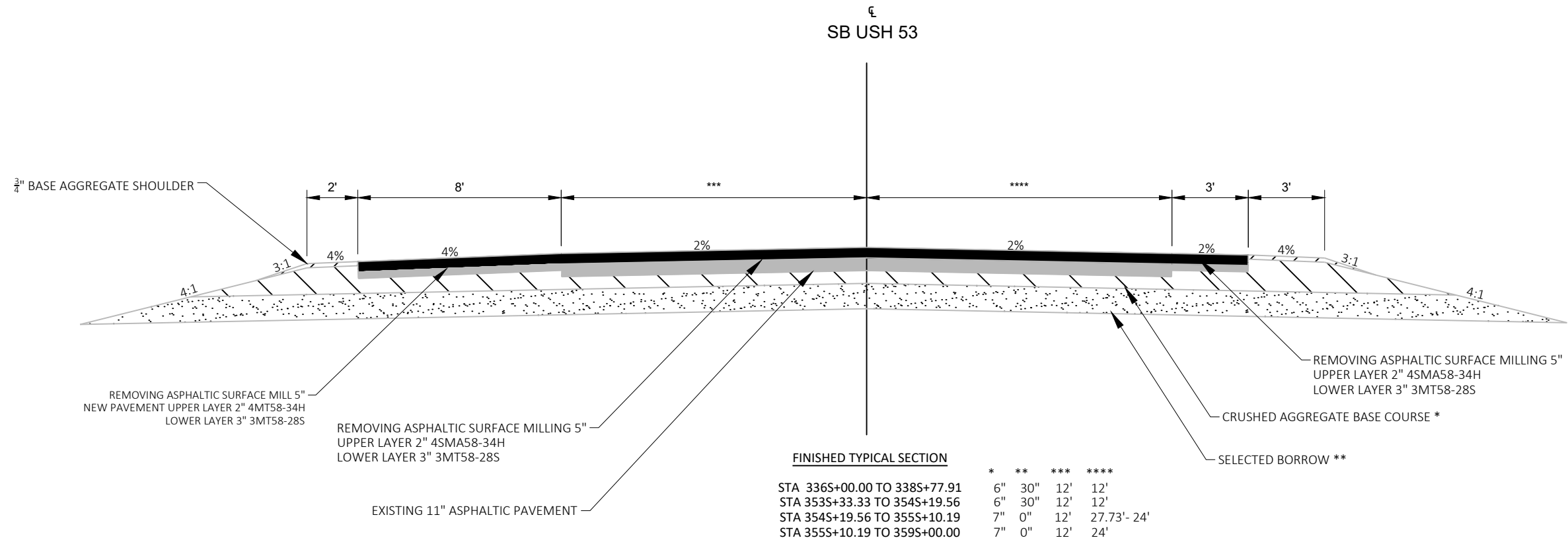
PLAN: TYPICAL SECTIONS

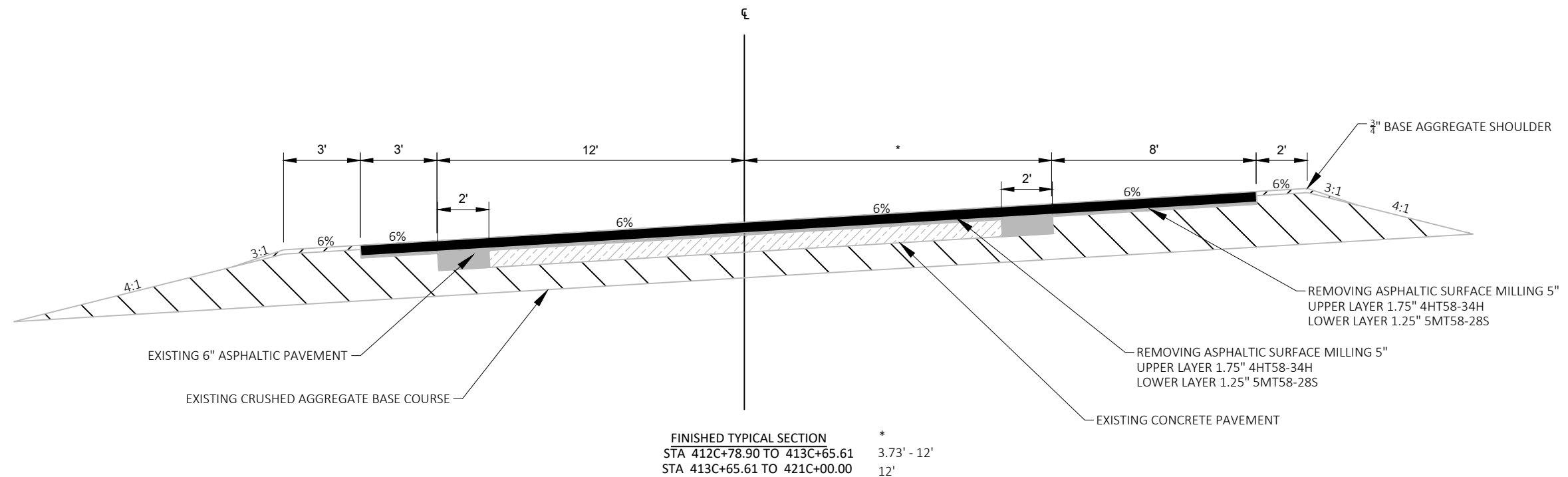
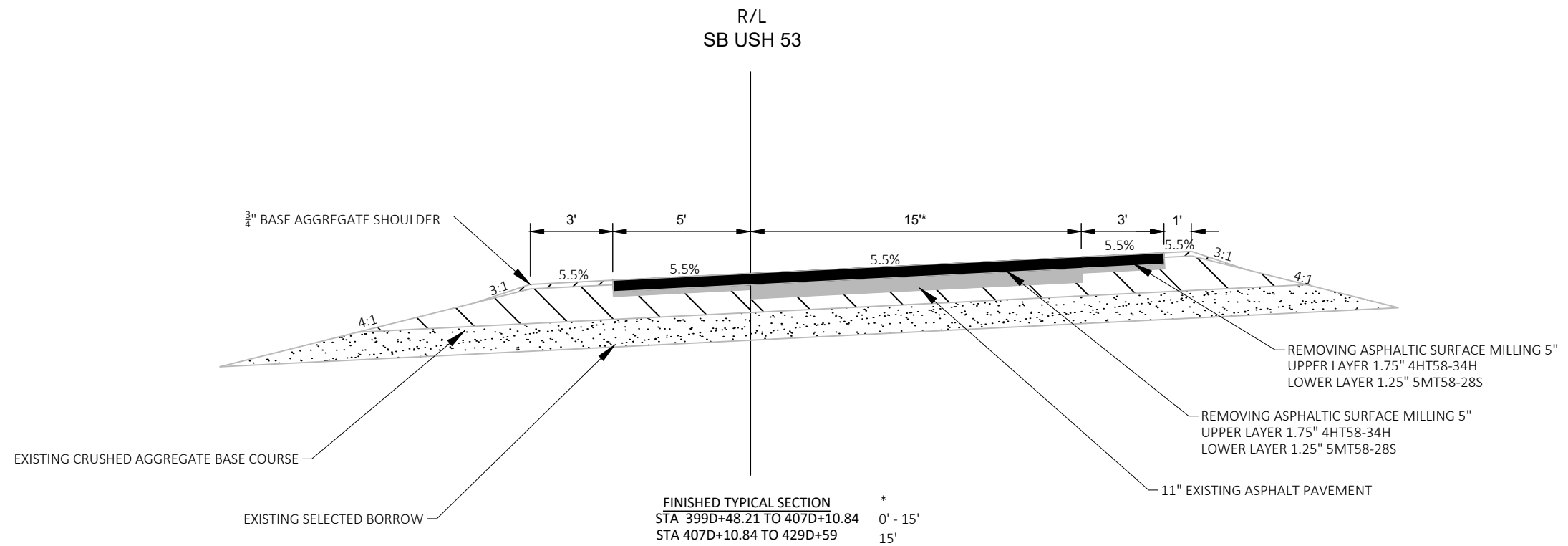
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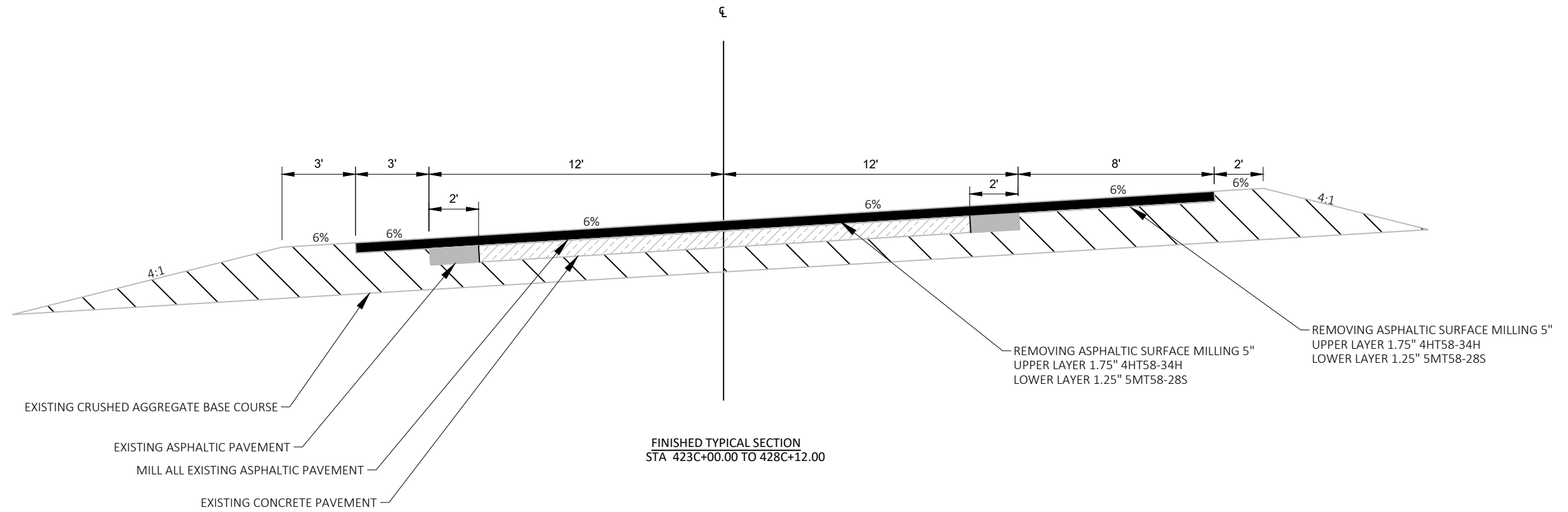
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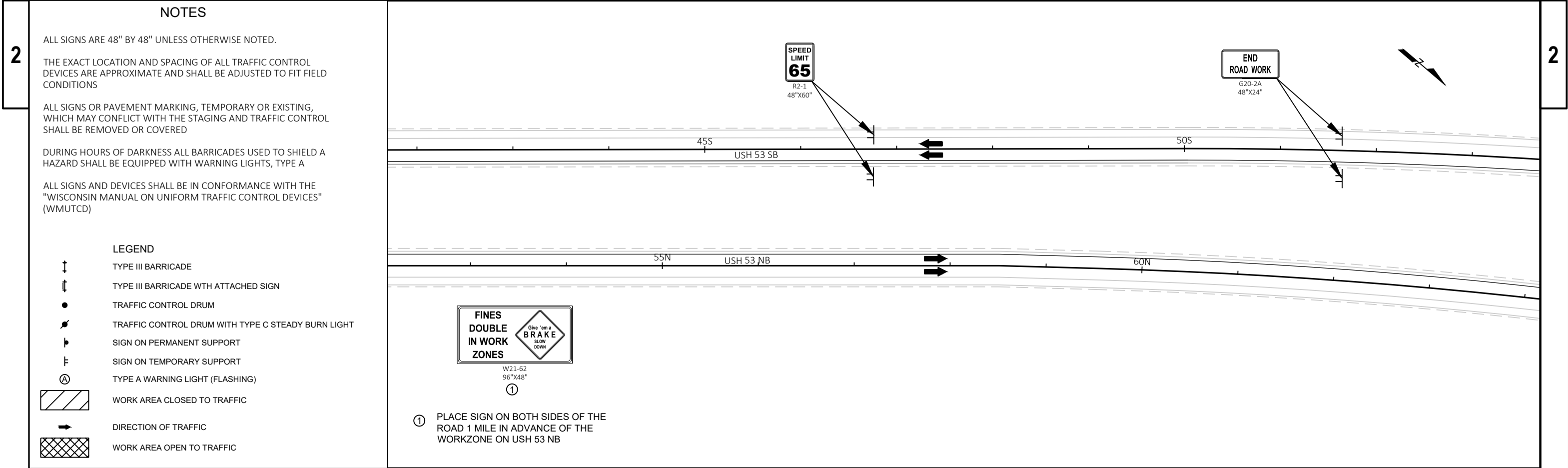


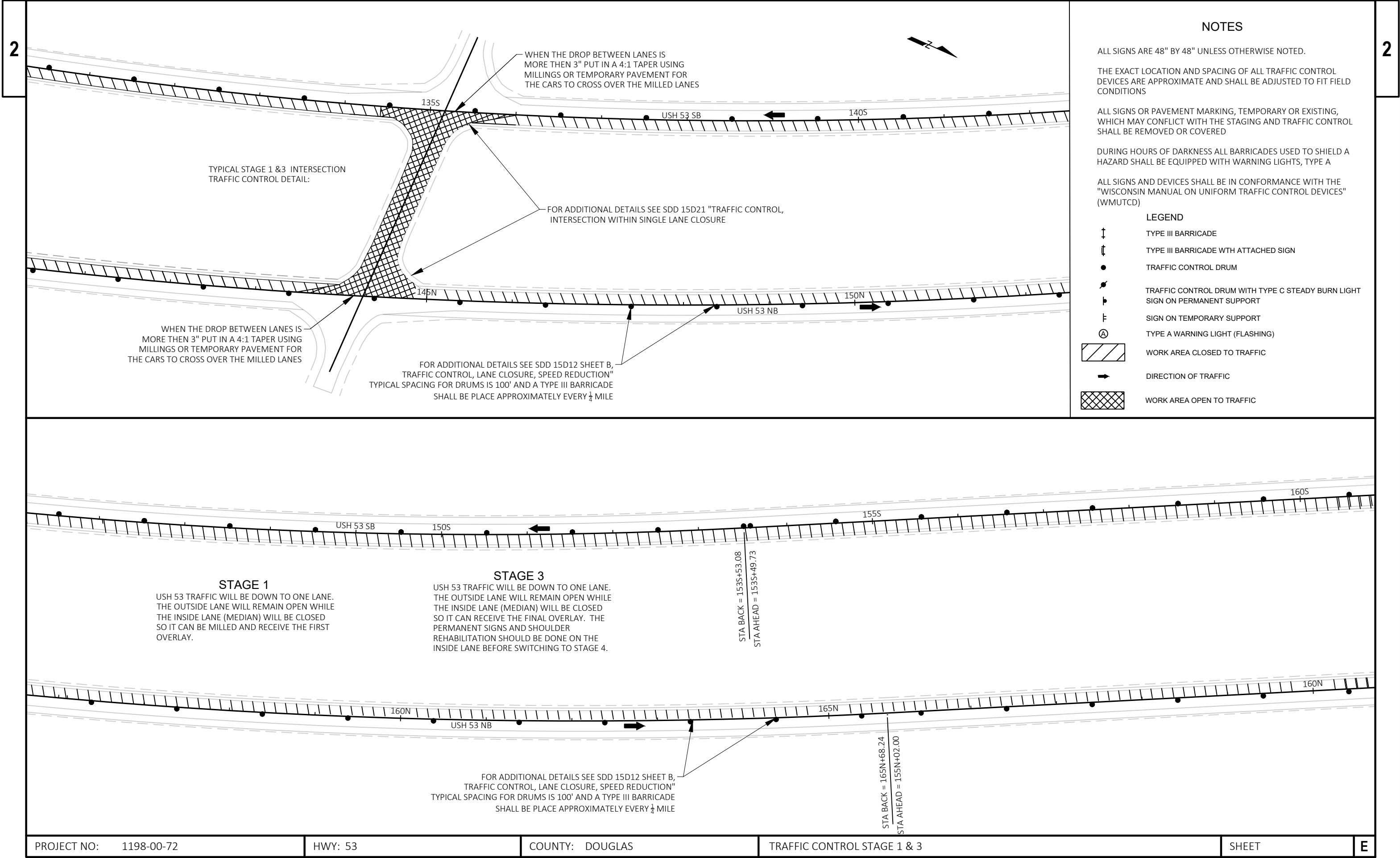


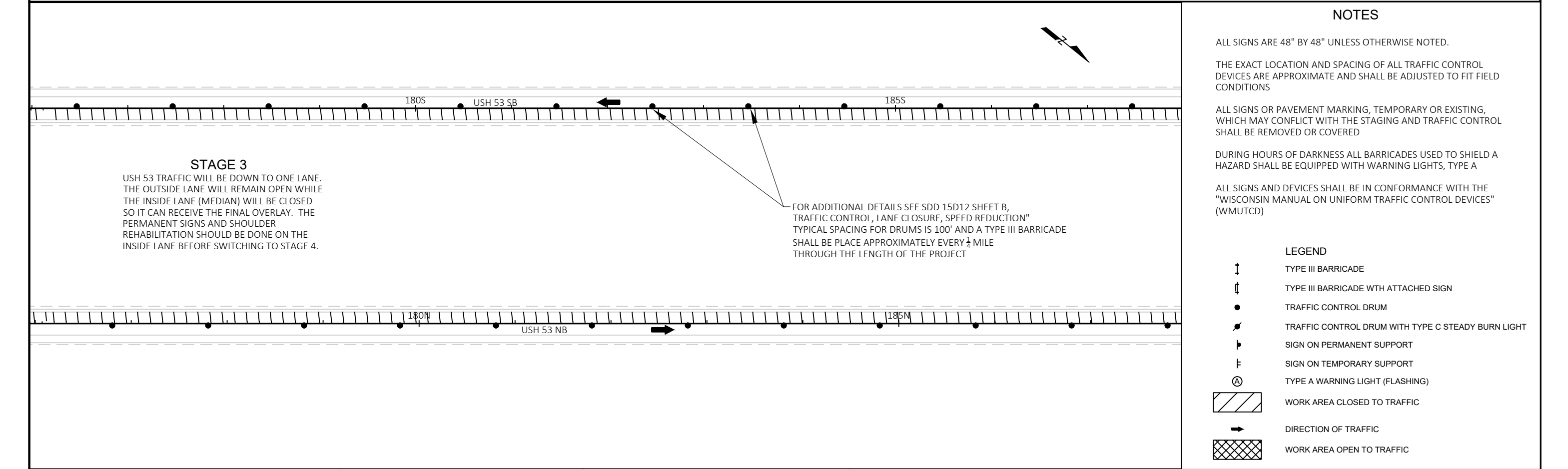
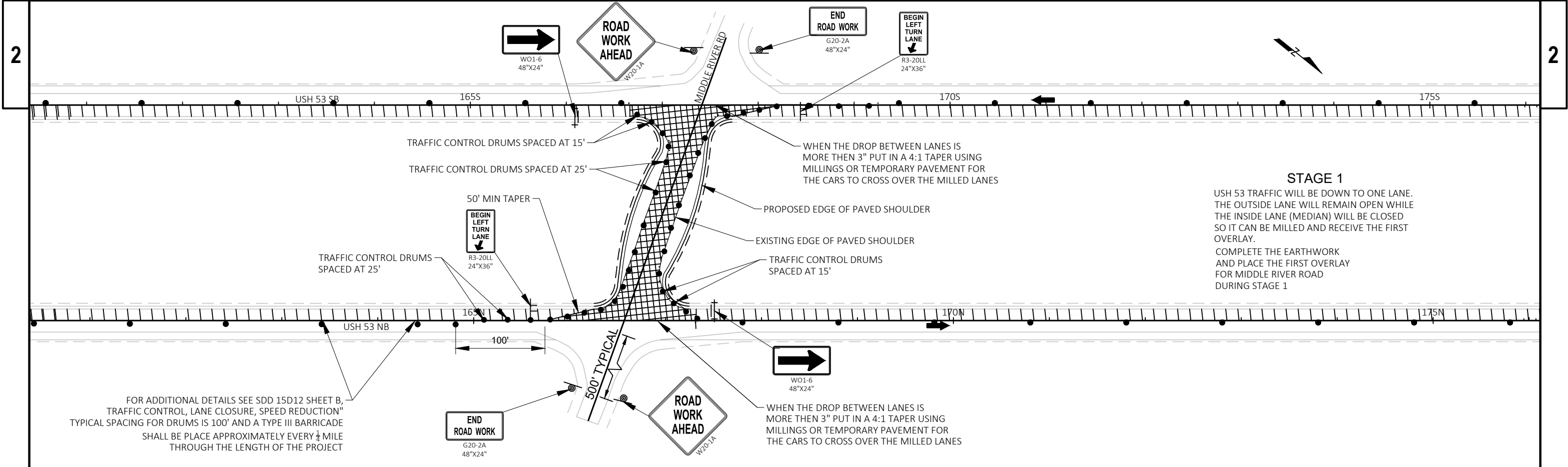


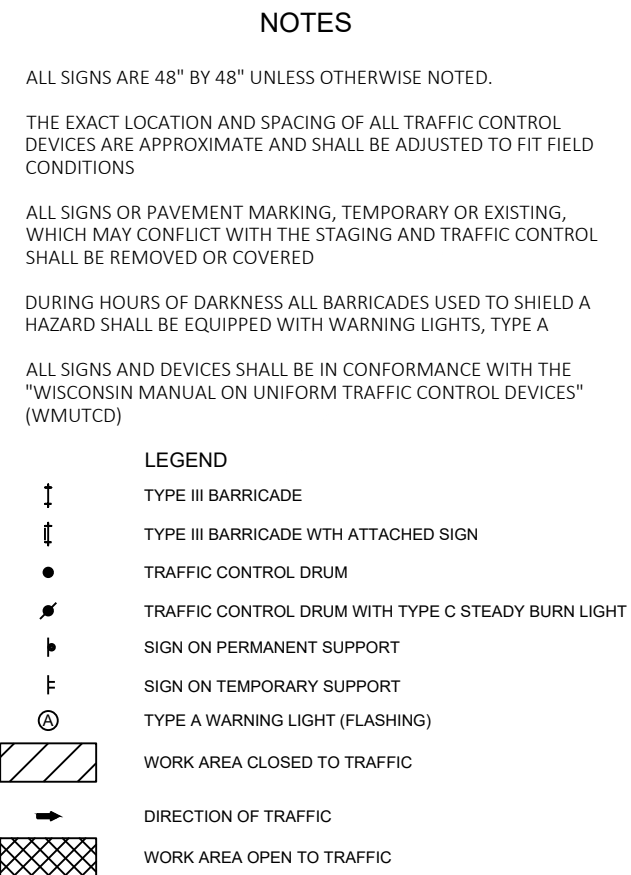


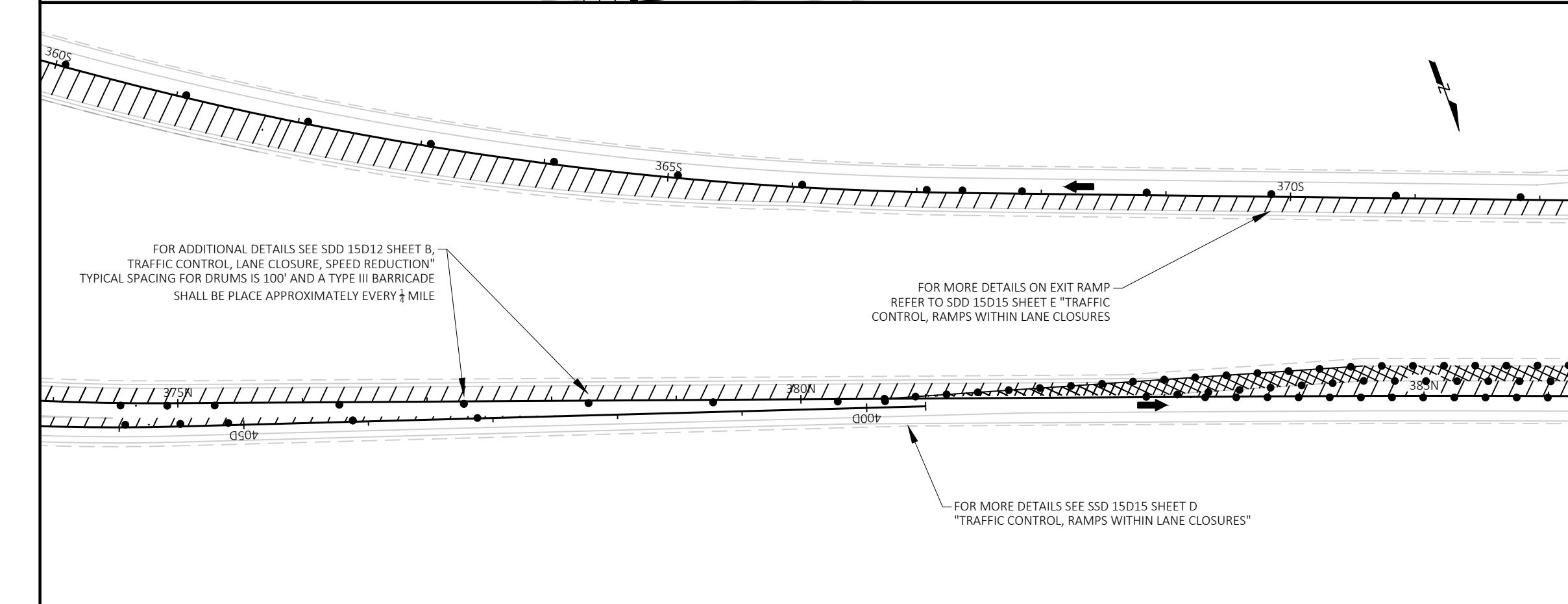
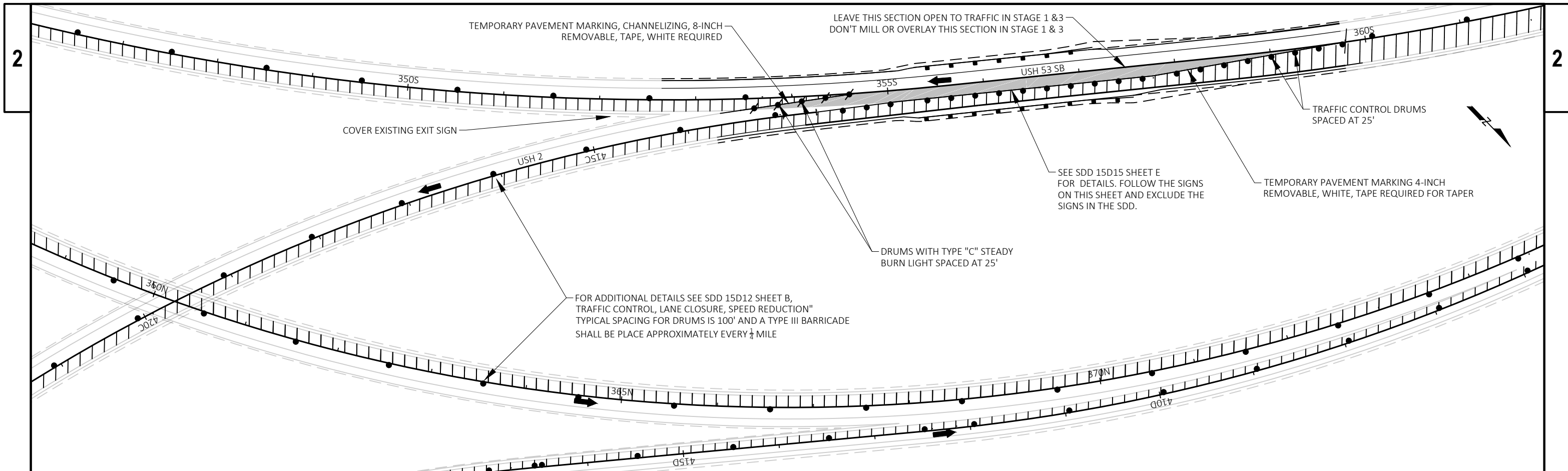












NOTES

ALL SIGNS ARE 48" BY 48" UNLESS OTHERWISE NOTED.

THE EXACT LOCATION AND SPACING OF ALL TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE STAGING AND TRAFFIC CONTROL SHALL BE REMOVED OR COVERED

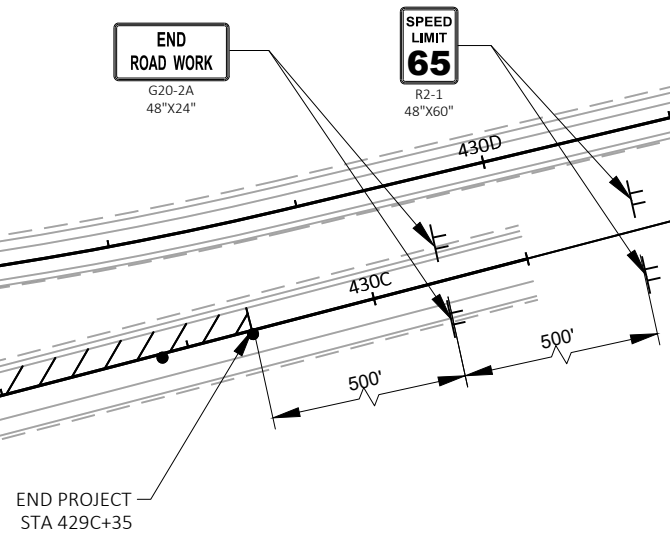
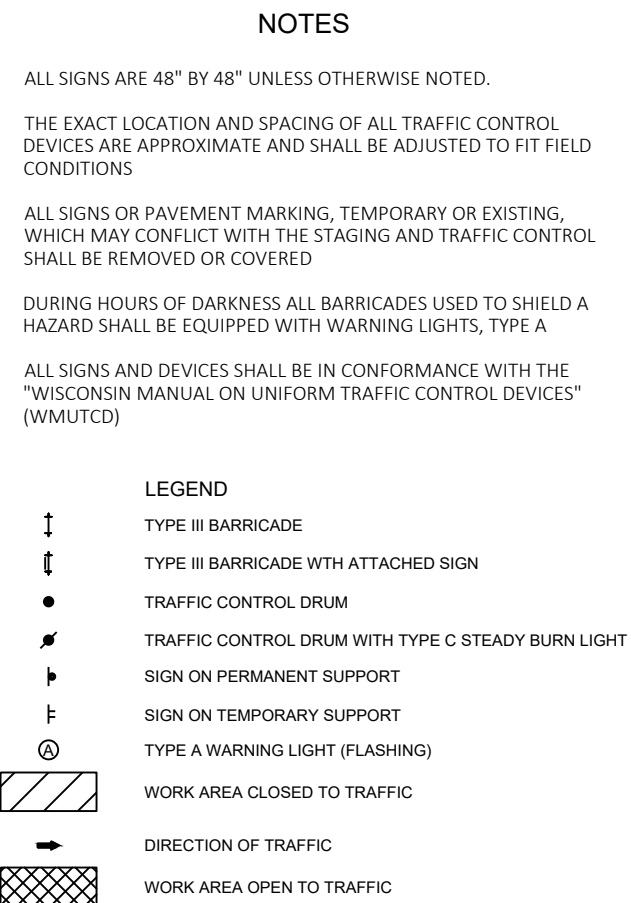
DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE "WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (WMUTCD)

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TYPE A WARNING LIGHT (FLASHING)
- WORK AREA CLOSED TO TRAFFIC
- DIRECTION OF TRAFFIC
- WORK AREA OPEN TO TRAFFIC

PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	TRAFFIC CONTROL STAGE 1 & 3	SHEET	E
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2

NOTES

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

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE "WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (WMUTCD)

LEGEND

↑

TYPE III BARRICADE

↑↓

TYPE III BARRICADE WTH ATTACHED SIGN

●

TRAFFIC CONTROL DRUM

●

TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

⌋

SIGN ON PERMANENT SUPPORT

⌋

SIGN ON TEMPORARY SUPPORT

Ⓐ

TYPE A WARNING LIGHT (FLASHING)

▨

WORK AREA CLOSED TO TRAFFIC

→

DIRECTION OF TRAFFIC

▩

WORK AREA OPEN TO TRAFFIC

SPEED LIMIT

65

R2-1

48"X60"

END

ROAD WORK

G20-2A

48"X24"

45S

USH 53 SB

50S

55N

USH 53 NB

60N

FINES

DOUBLE

IN WORK

ZONES

Give 'em a

BRAKE

SLOW

DOWN

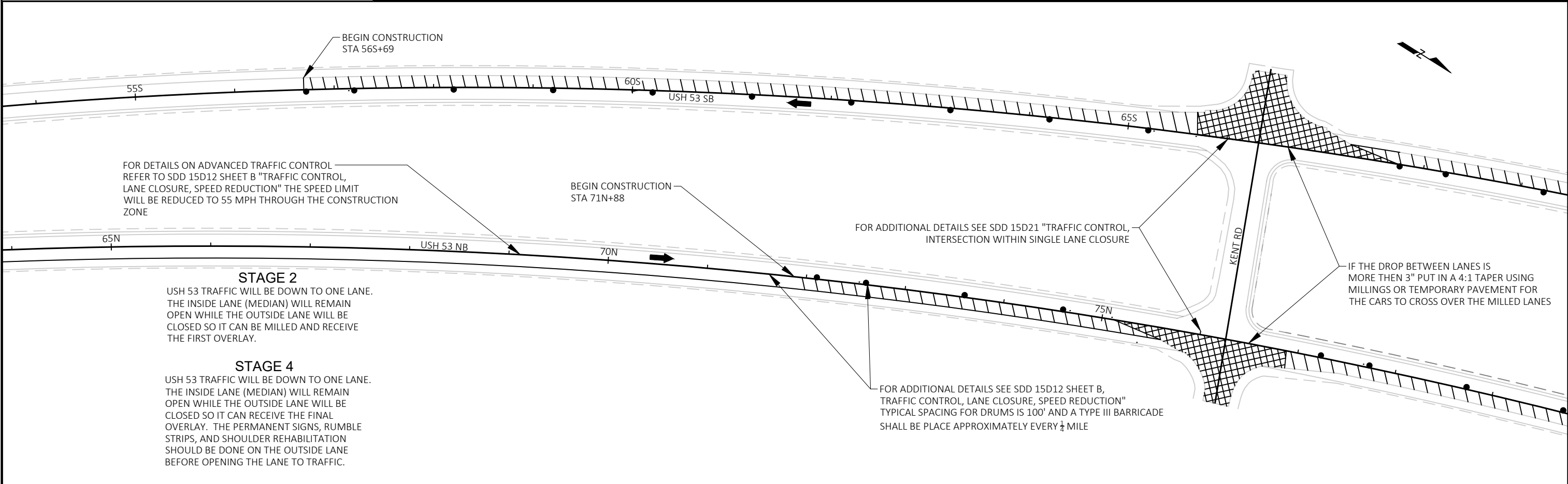
W21-62

96"X48"

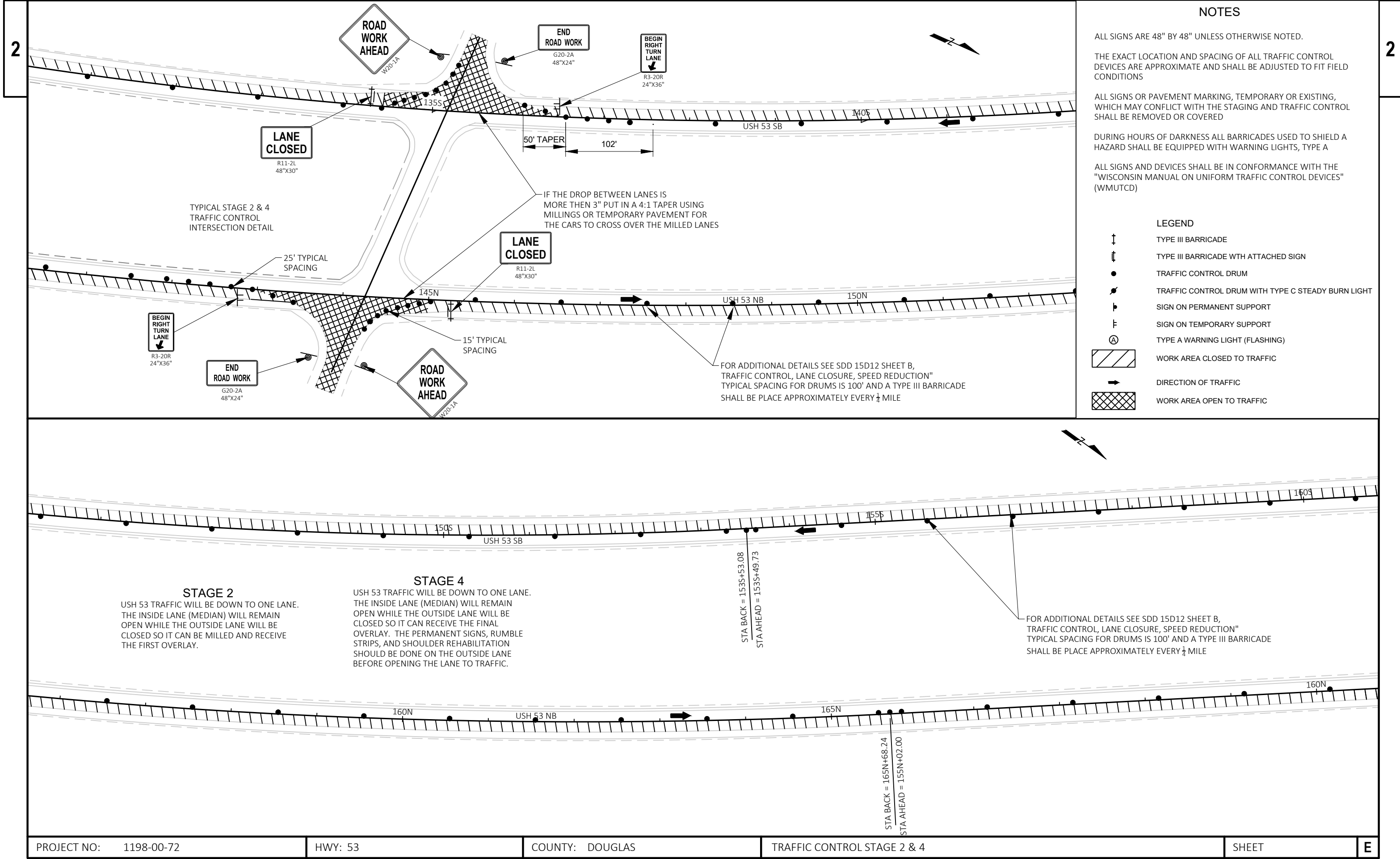
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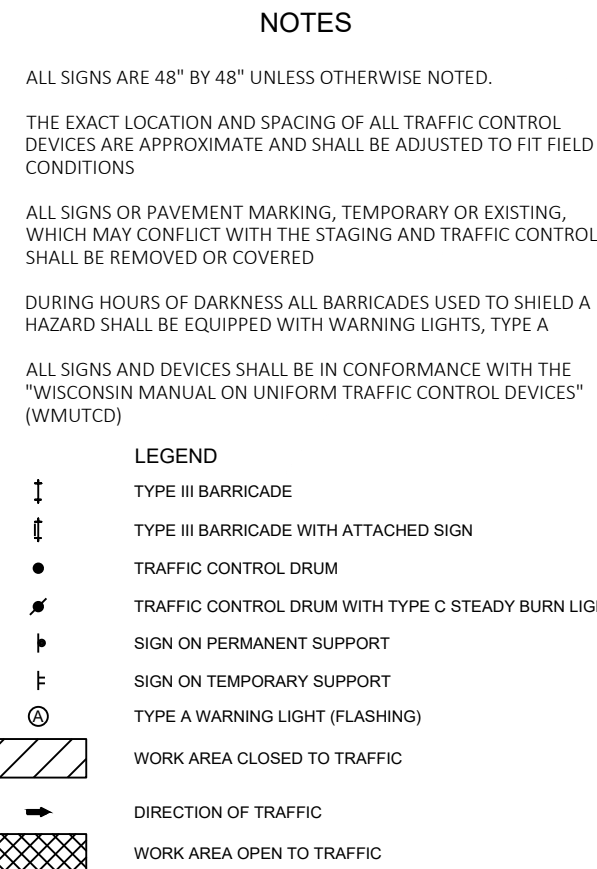
PLACE ON BOTH SIDES OF THE ROAD 1 MILE IN ADVANCE OF THE WORKZONE ON USH 53 NB

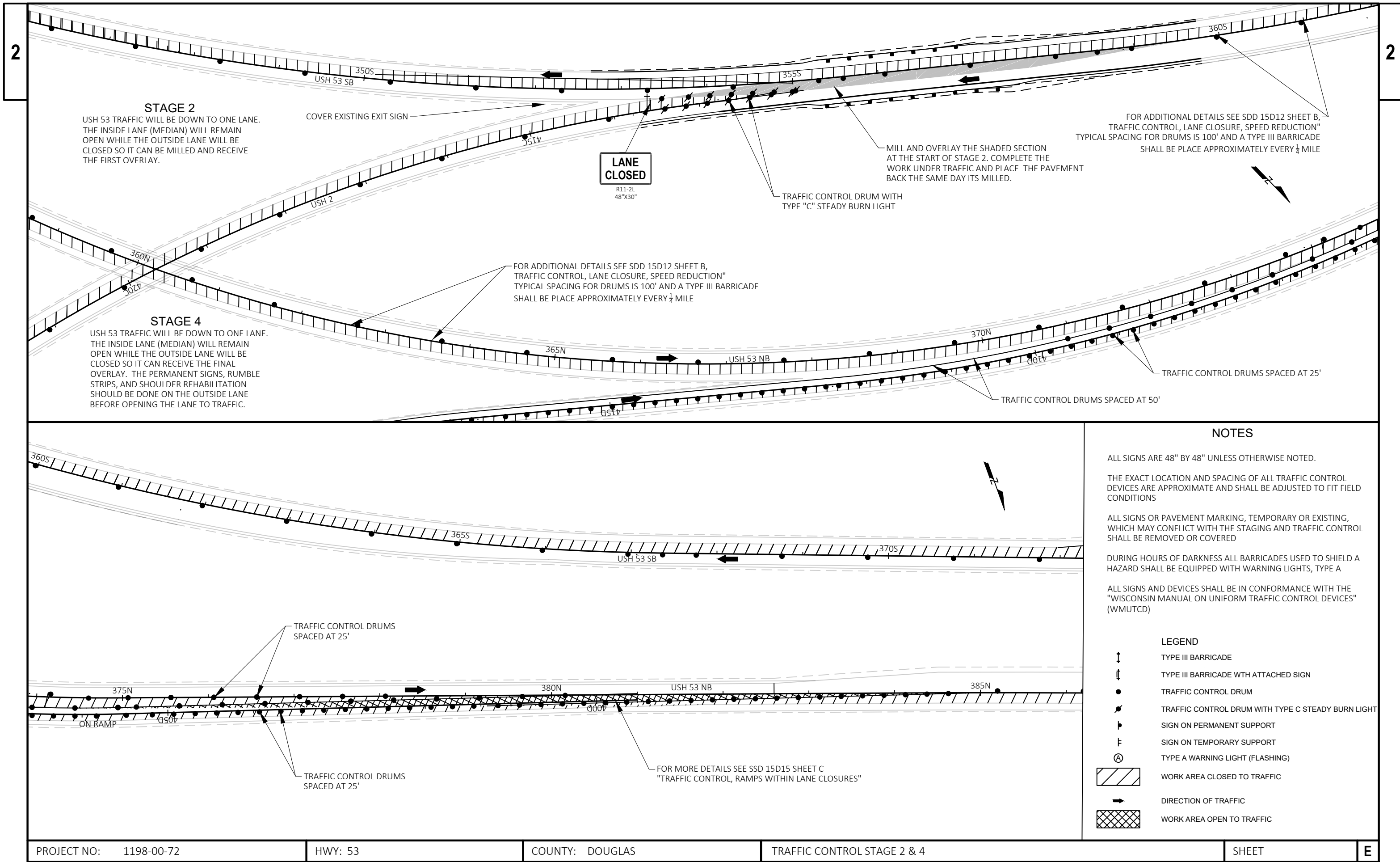
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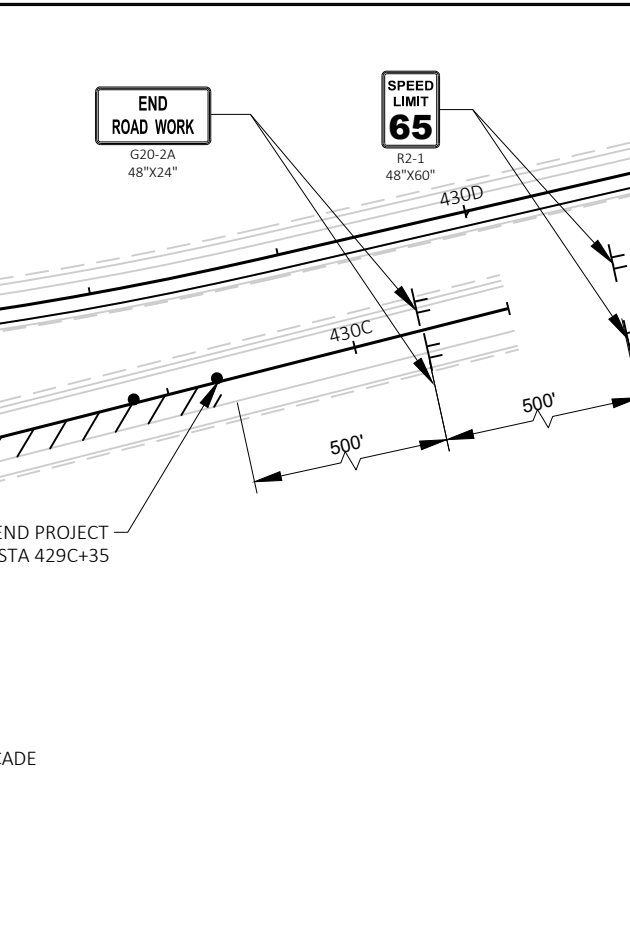
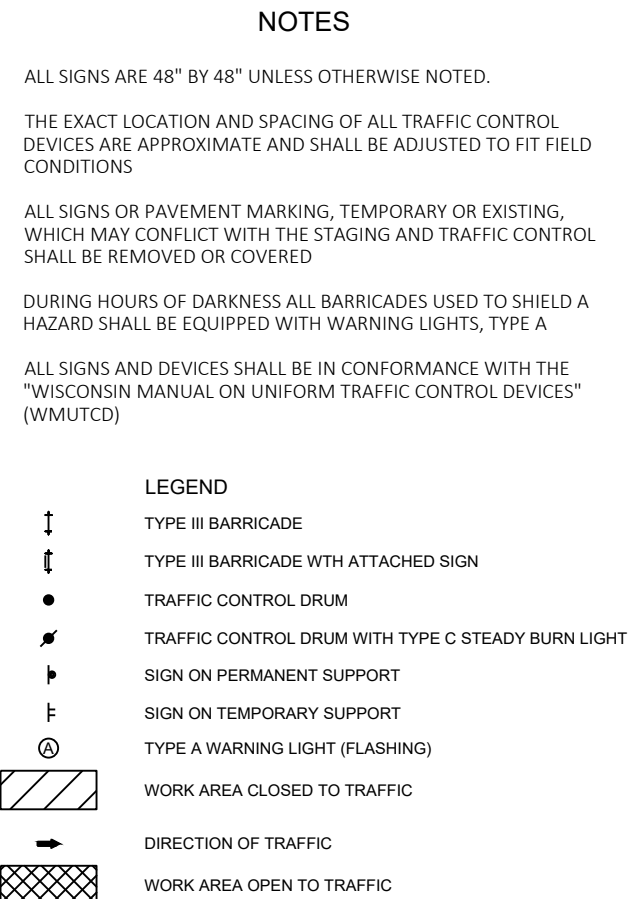


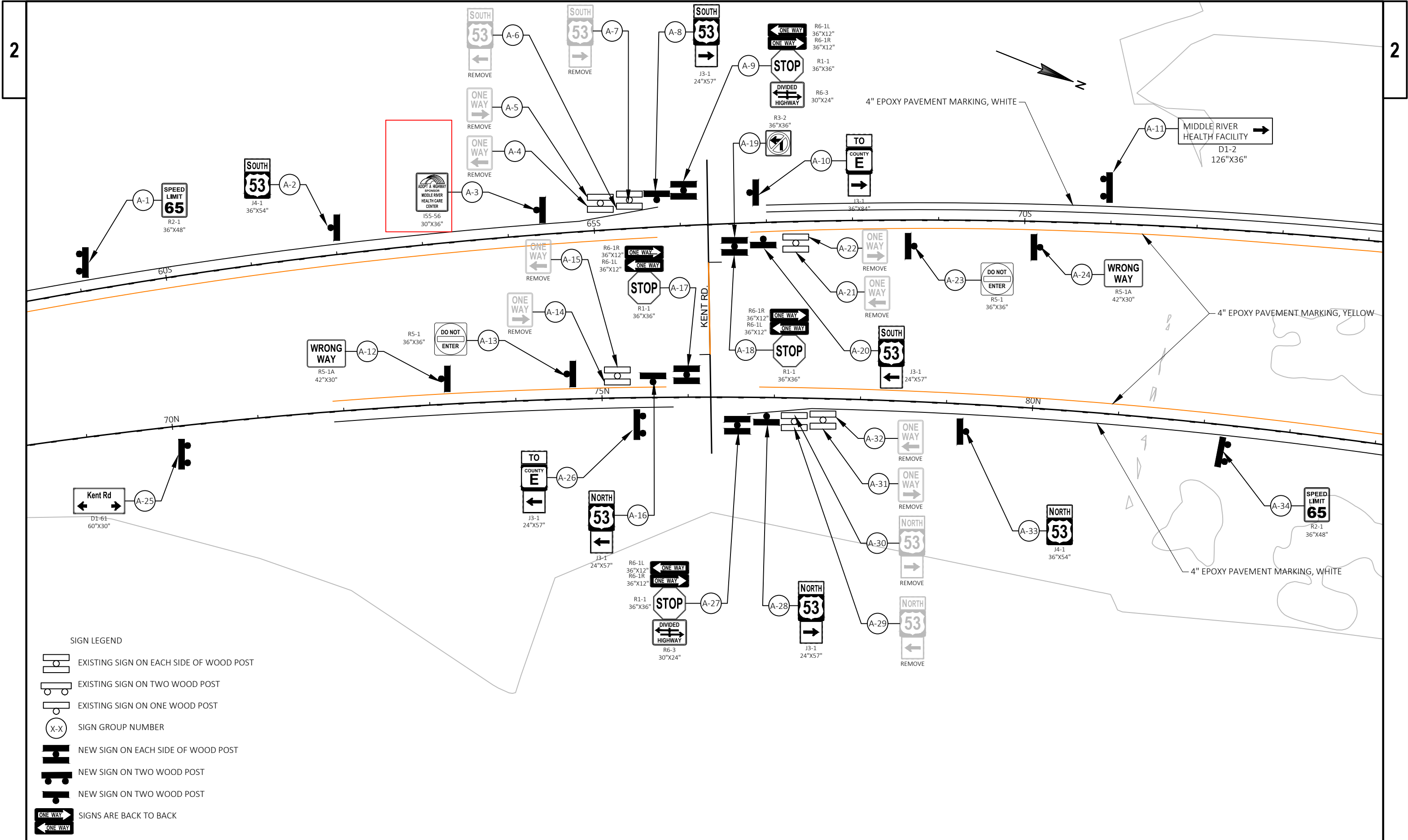
PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	TRAFFIC CONTROL STAGE 2 & 4	SHEET	E
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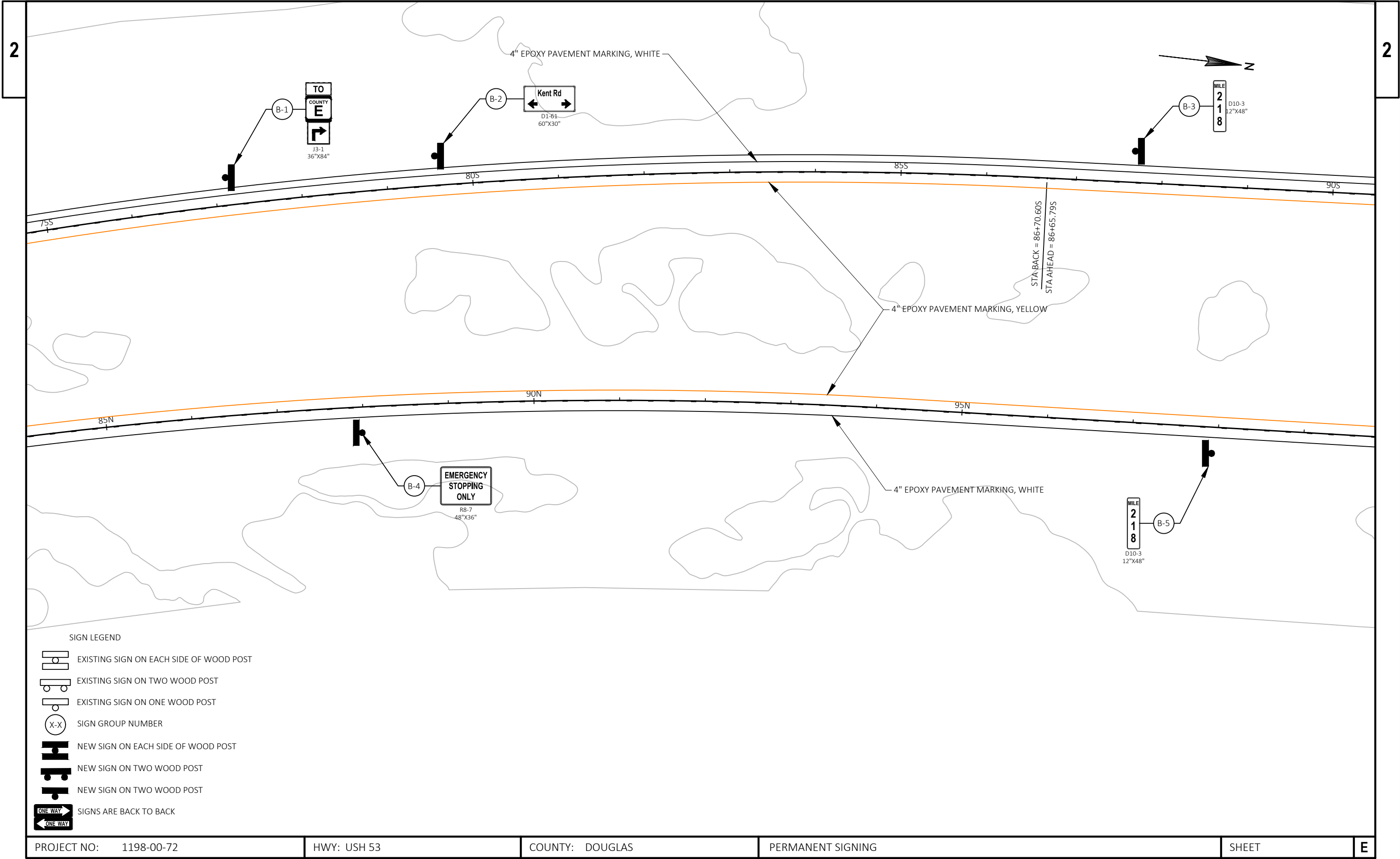






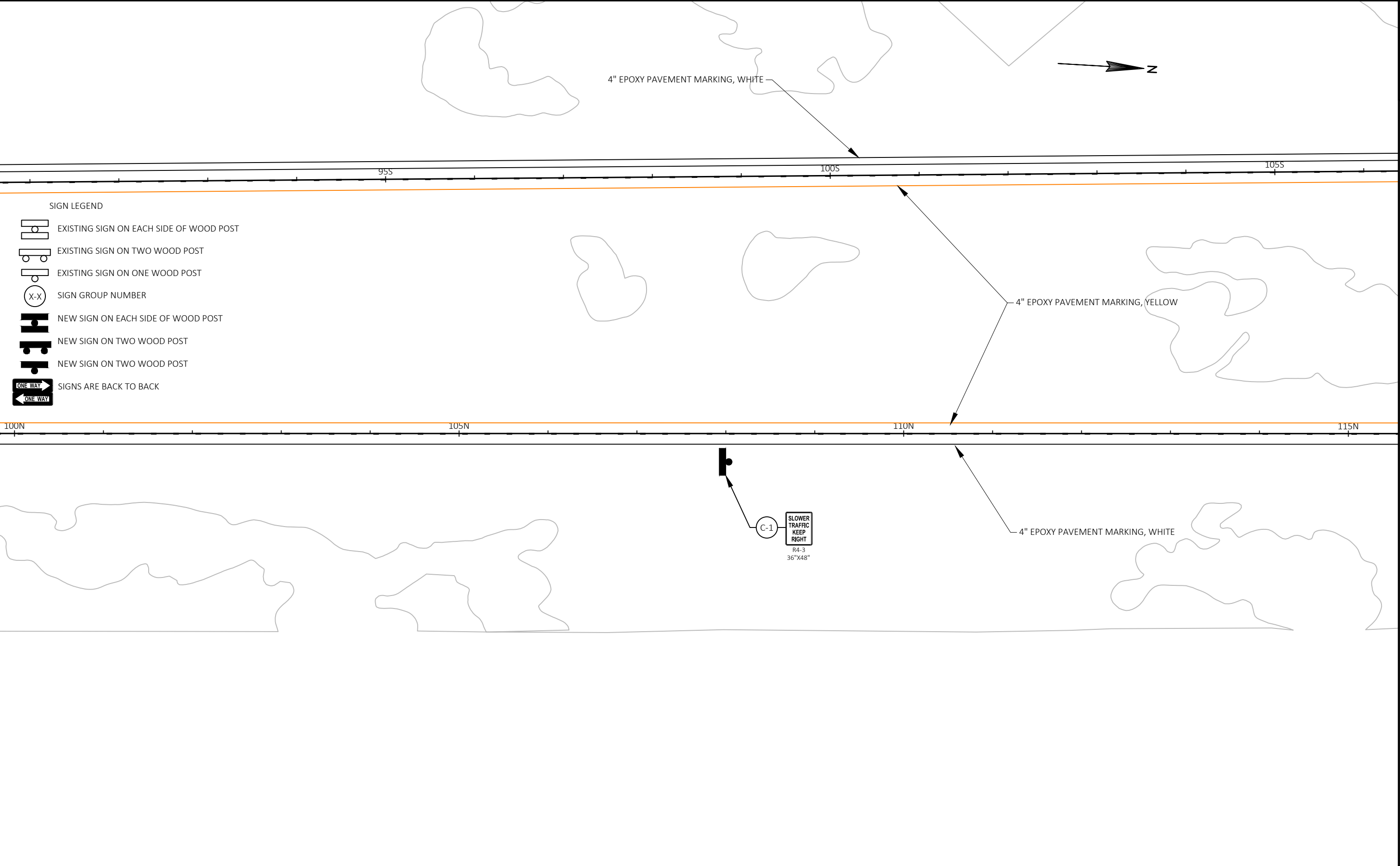






2

2



PROJECT NO: 1198-00-72

HWY: USH 53

COUNTY: DOUGLAS

PERMANENT SIGNING

SHEET

E

FILE NAME : N:\PDS\C3D\11980002\SHEETSPLAN\TRAFFIC SIGN PLAN.DWG
LAYOUT NAME - TRAFFIC CONTROL SIGNS 4

PLOT DATE : 4/17/2018 1:50 PM

PLOT BY : FINNEGAN, MITCHELL

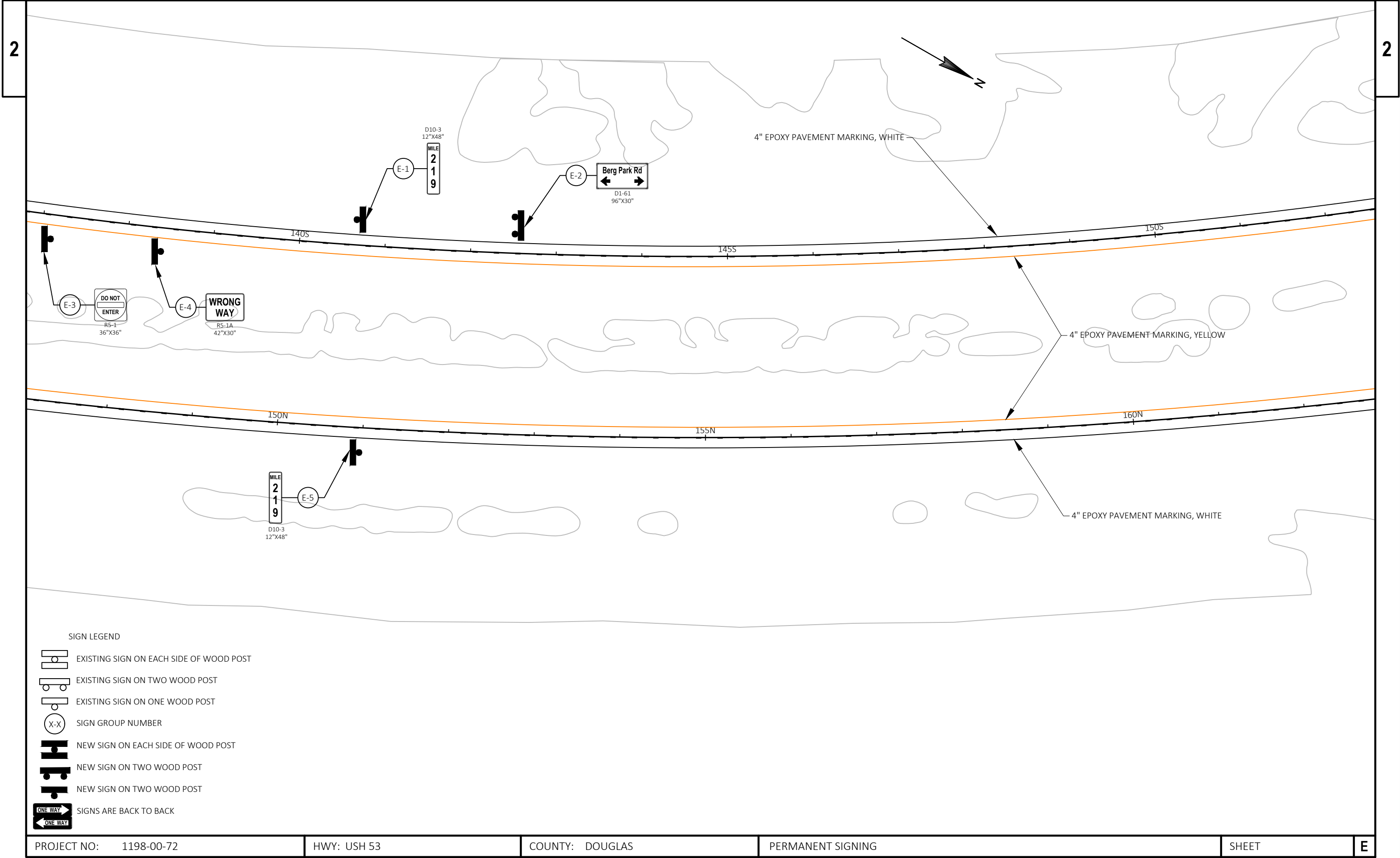
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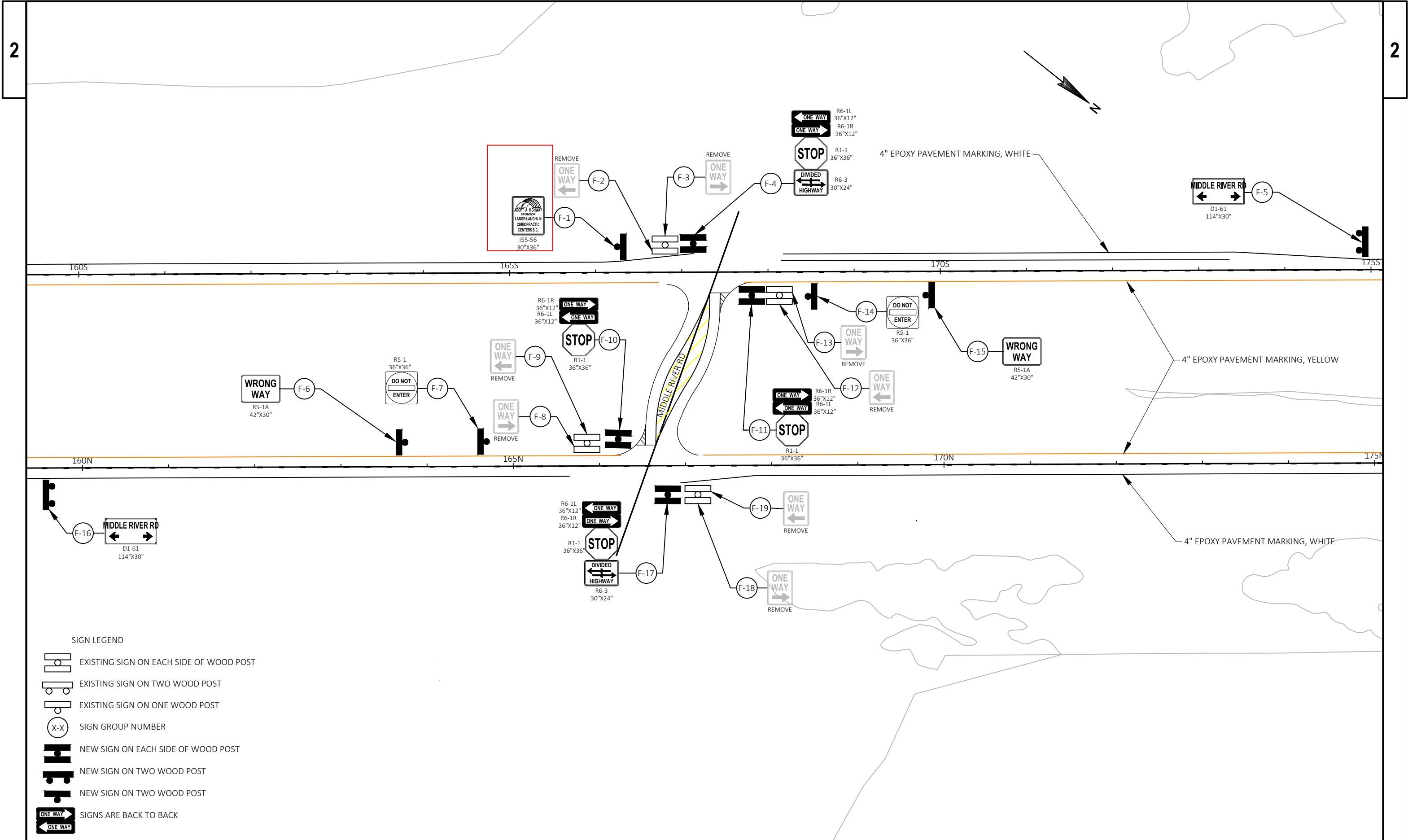
PLOT SCALE : #####

WISDOT/CADDS SHEET 44

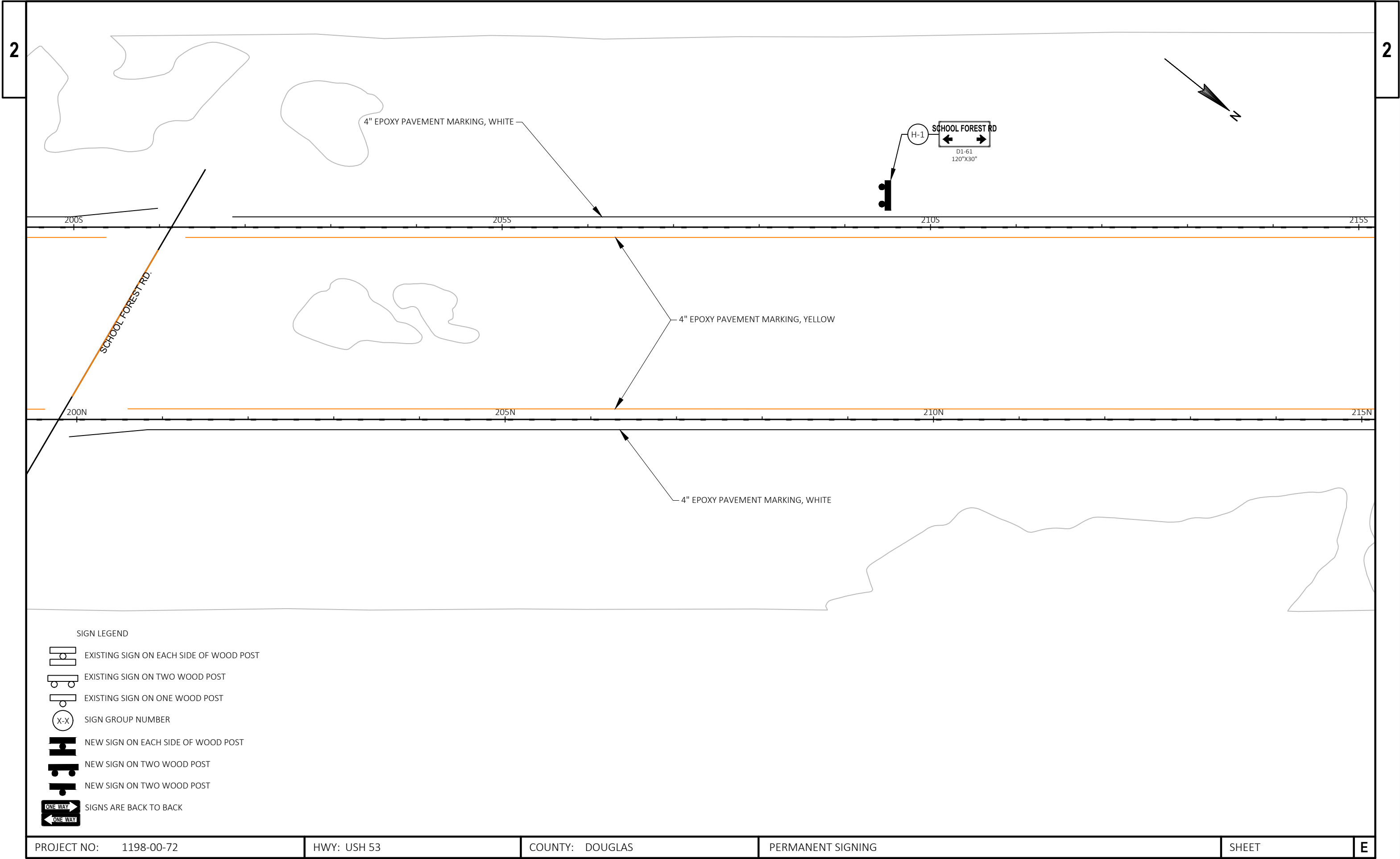


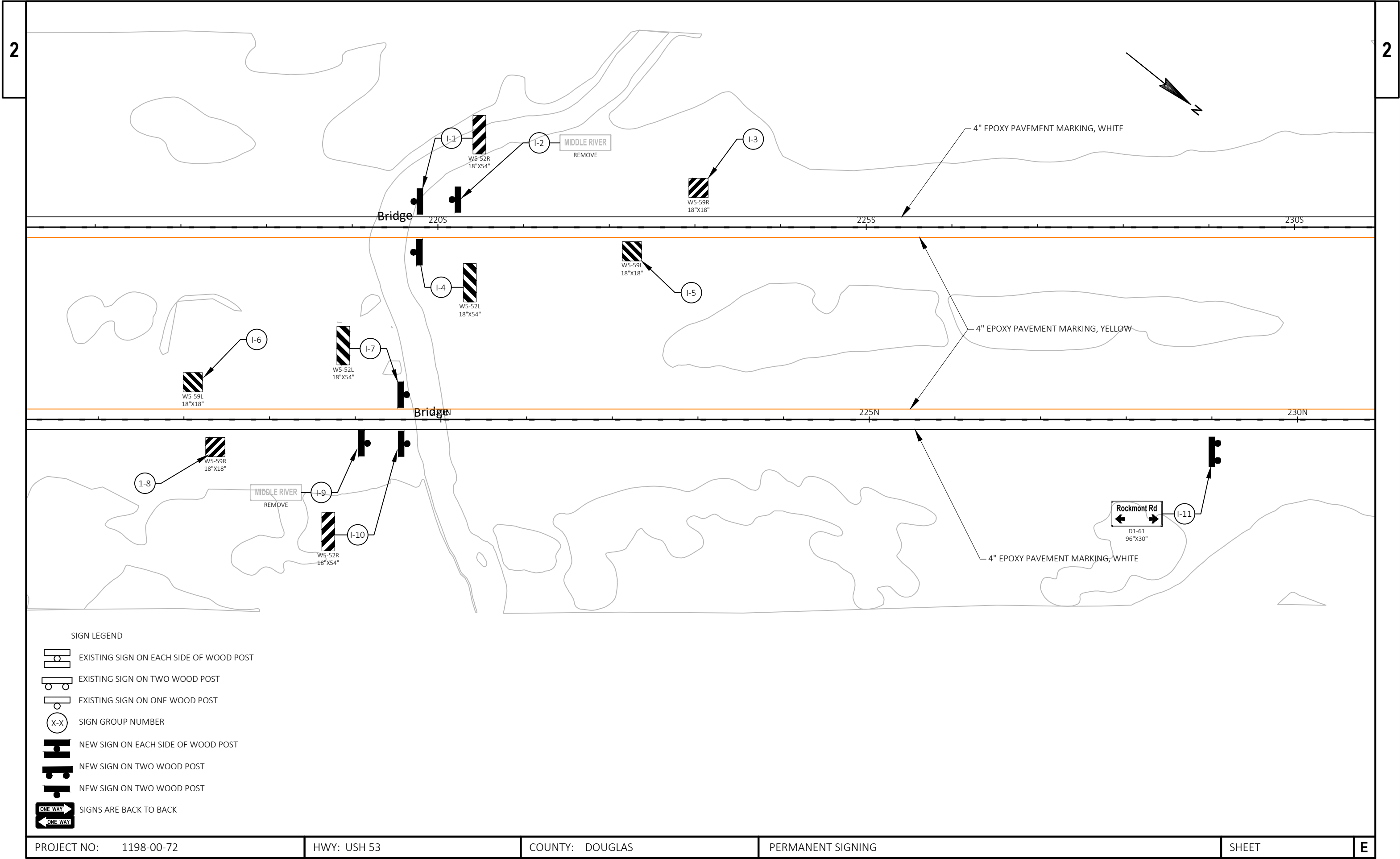
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|------------------------|-------------|-----------------|-------------------|-------|----------|
| PROJECT NO: 1198-00-72 | HWY: USH 53 | COUNTY: DOUGLAS | PERMANENT SIGNING | SHEET | E |
|------------------------|-------------|-----------------|-------------------|-------|----------|











PROJECT NO:1198-00-72

HWY: USH 53

COUNTY: DOUGLAS

PERMANENT SIGNING

SHEET

E

FILE NAME : N:\PDS\C3D\11980002\SHEETS\PLAN\TRAFFIC SIGN PLAN.DWG

LAYOUT NAME - TRAFFIC CONTROL SIGNS 12

PLOT DATE : 4/17/2018 1:50 PM

PLOT BY : FINNEGAN, MITCHELL

PLOT NAME :

PLOT SCALE : #####

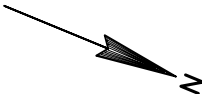
WISDOT/CADD5 SHEET 44



FILE NAME :	N:\PDS\C3D\11980002\SHEETS\PLAN\TRAFFIC SIGN PLAN.DWG	PLOT DATE :	4/17/2018 1:50 PM	PLOT BY :	FINNEGAN, MITCHELL	PLOT NAME :		PLOT SCALE :	#####		WISDOT/CADD SHEET 44
LAYOUT NAME -	TRAFFIC CONTROL SIGNS 13										

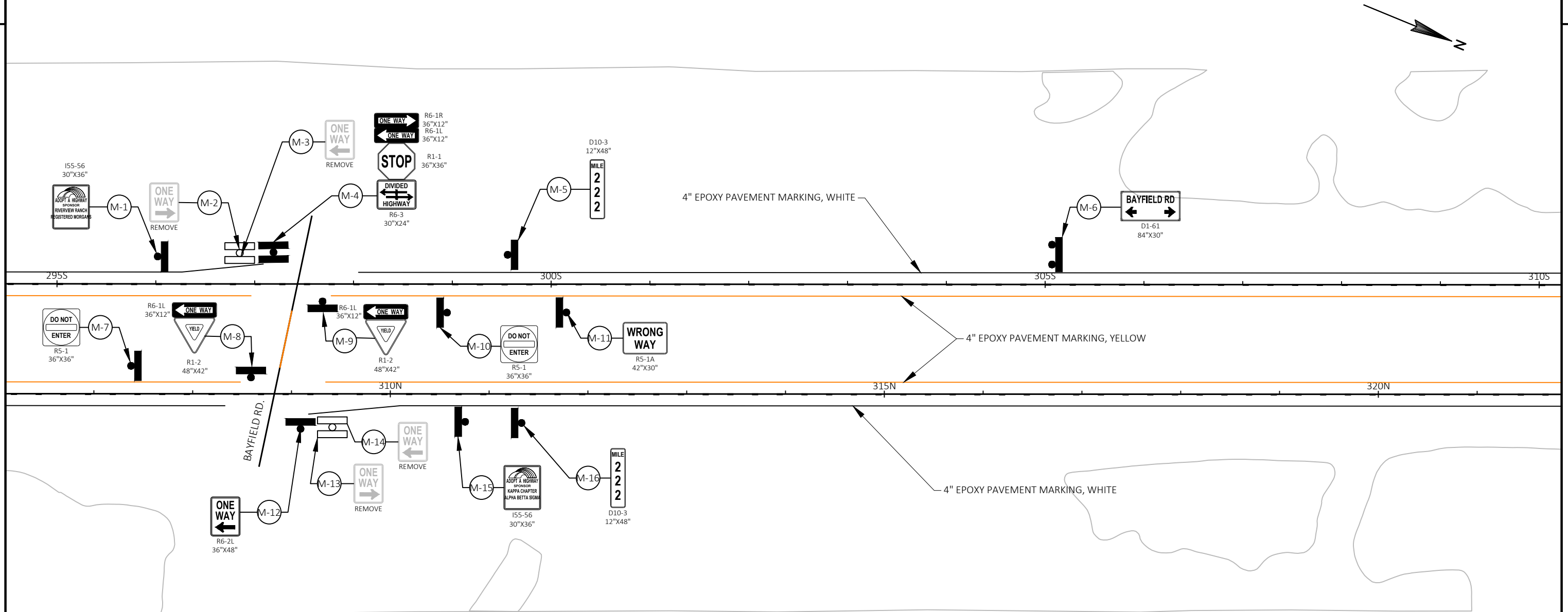


- | | | | | | | | | |
|-------------|------------|------|--------|---------|---------|-------------------|-------|---|
| PROJECT NO: | 1198-00-72 | HWY: | USH 53 | COUNTY: | DOUGLAS | PERMANENT SIGNING | SHEET | E |
|-------------|------------|------|--------|---------|---------|-------------------|-------|---|



	EXISTING SIGN ON EACH SIDE OF WOOD POST
	EXISTING SIGN ON TWO WOOD POST
	EXISTING SIGN ON ONE WOOD POST
	SIGN GROUP NUMBER
	NEW SIGN ON EACH SIDE OF WOOD POST
	NEW SIGN ON TWO WOOD POST
	NEW SIGN ON TWO WOOD POST
	SIGNS ARE BACK TO BACK

1



SIGN LEGEND

- EXISTING SIGN ON EACH SIDE OF WOOD POST
- EXISTING SIGN ON TWO WOOD POST
- EXISTING SIGN ON ONE WOOD POST
- SIGN GROUP NUMBER
- NEW SIGN ON EACH SIDE OF WOOD POST
- NEW SIGN ON TWO WOOD POST
- NEW SIGN ON TWO WOOD POST
- SIGNS ARE BACK TO BACK

PROJECT NO: 1198-00-72

HWY: USH 53

COUNTY: DOUGLAS

PERMANENT SIGNING

SHEET

E

FILE NAME : N:\PDS\C3D\11980002\SHEETSPLAN\TRAFFIC SIGN PLAN.DWG
LAYOUT NAME - TRAFFIC CONTROL SIGNS 17

PLOT DATE : 4/17/2018 1:50 PM

PLOT BY : FINNEGAN, MITCHELL

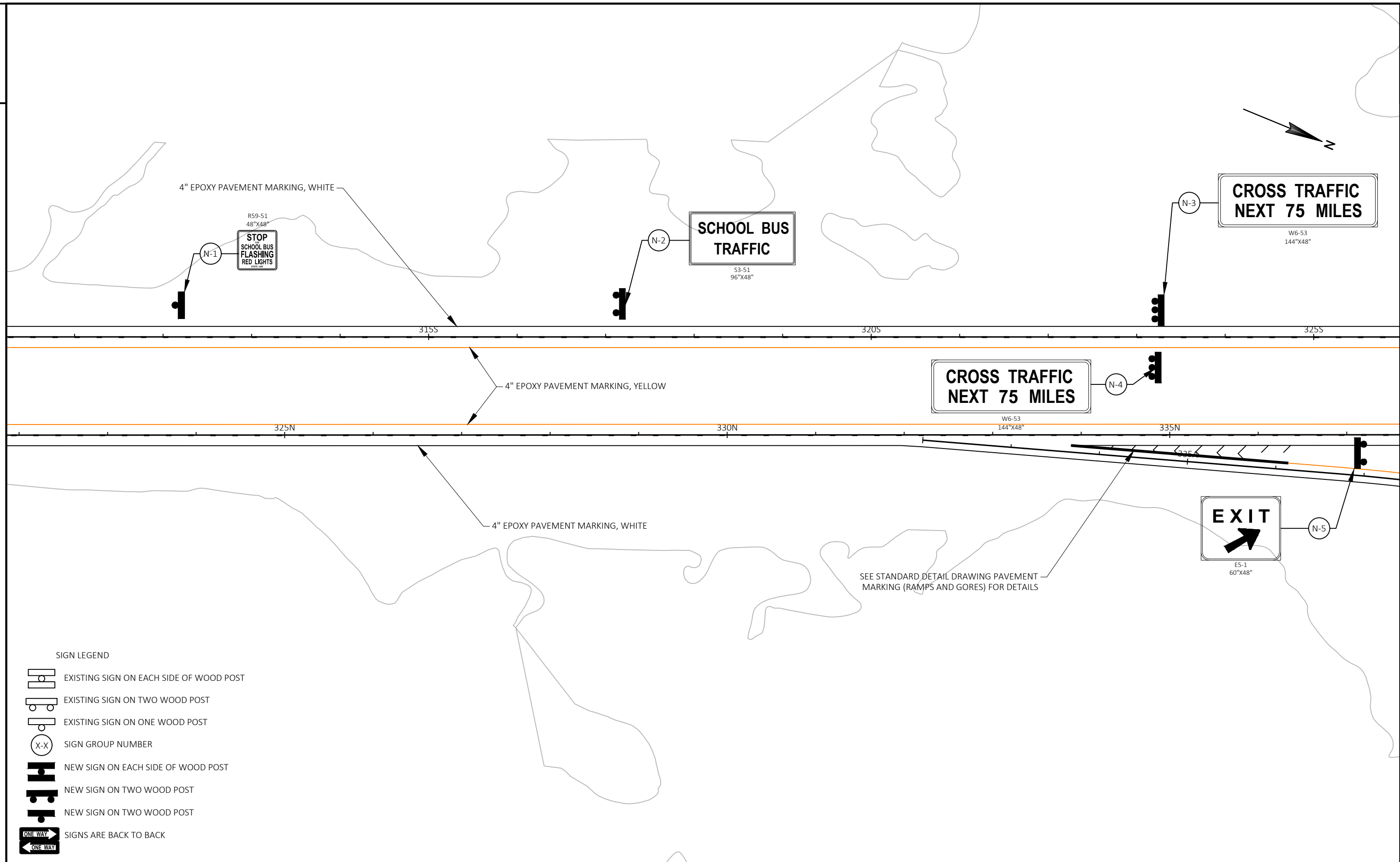
PLOT NAME :

PLOT SCALE : #####

WISDOT/CADDs SHEET 44

2

2



SIGN LEGEND



EXISTING SIGN ON EACH SIDE OF WOOD POST



EXISTING SIGN ON TWO WOOD POST



EXISTING SIGN ON ONE WOOD POST



SIGN GROUP NUMBER



NEW SIGN ON EACH SIDE OF WOOD POST



NEW SIGN ON TWO WOOD POST



NEW SIGN ON TWO WOOD POST



SIGNS ARE BACK TO BACK

PROJECT NO: 1198-00-72

HWY: USH 53

COUNTY: DOUGLAS

PERMANENT SIGNING

SHEET

[illegible]

FILE NAME : N:\PDS\C3D\11980002\SHEETSPLAN\TRAFFIC SIGN PLAN.DWG
LAYOUT NAME - TRAFFIC CONTROL SIGNS 18

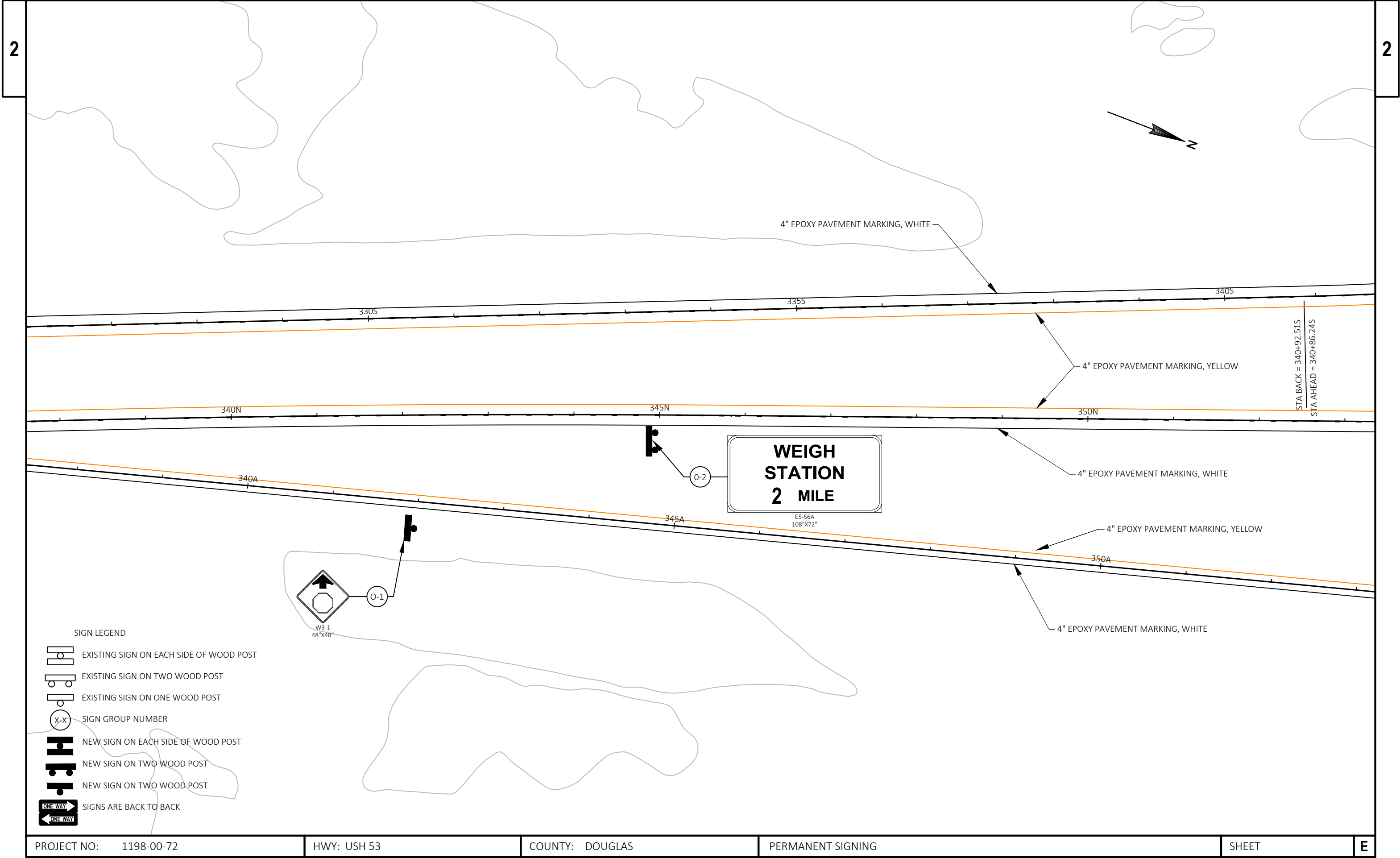
PLOT DATE : 4/17/2018 1:50 PM

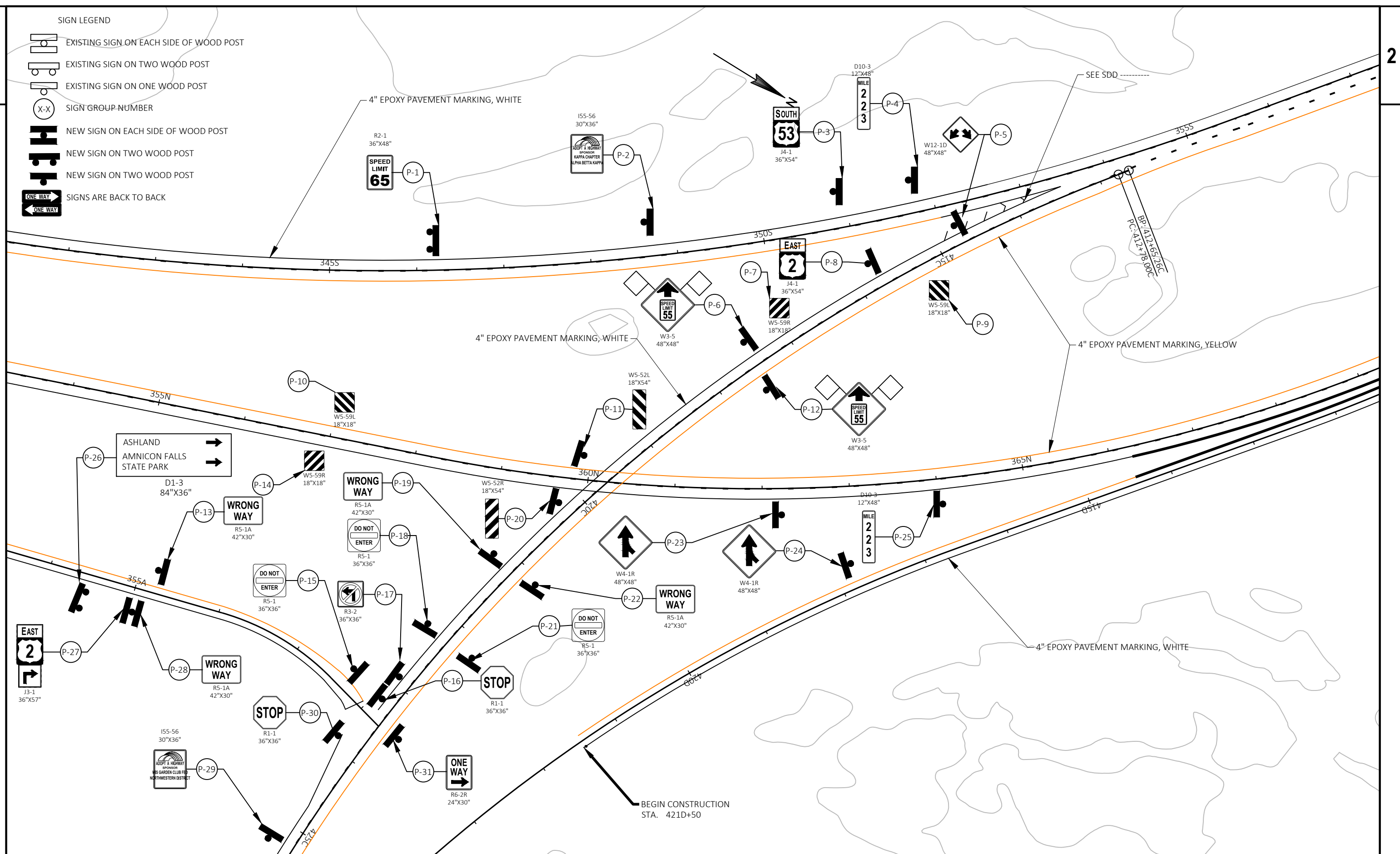
PLOT BY : FINNEGAN, MITCHELL

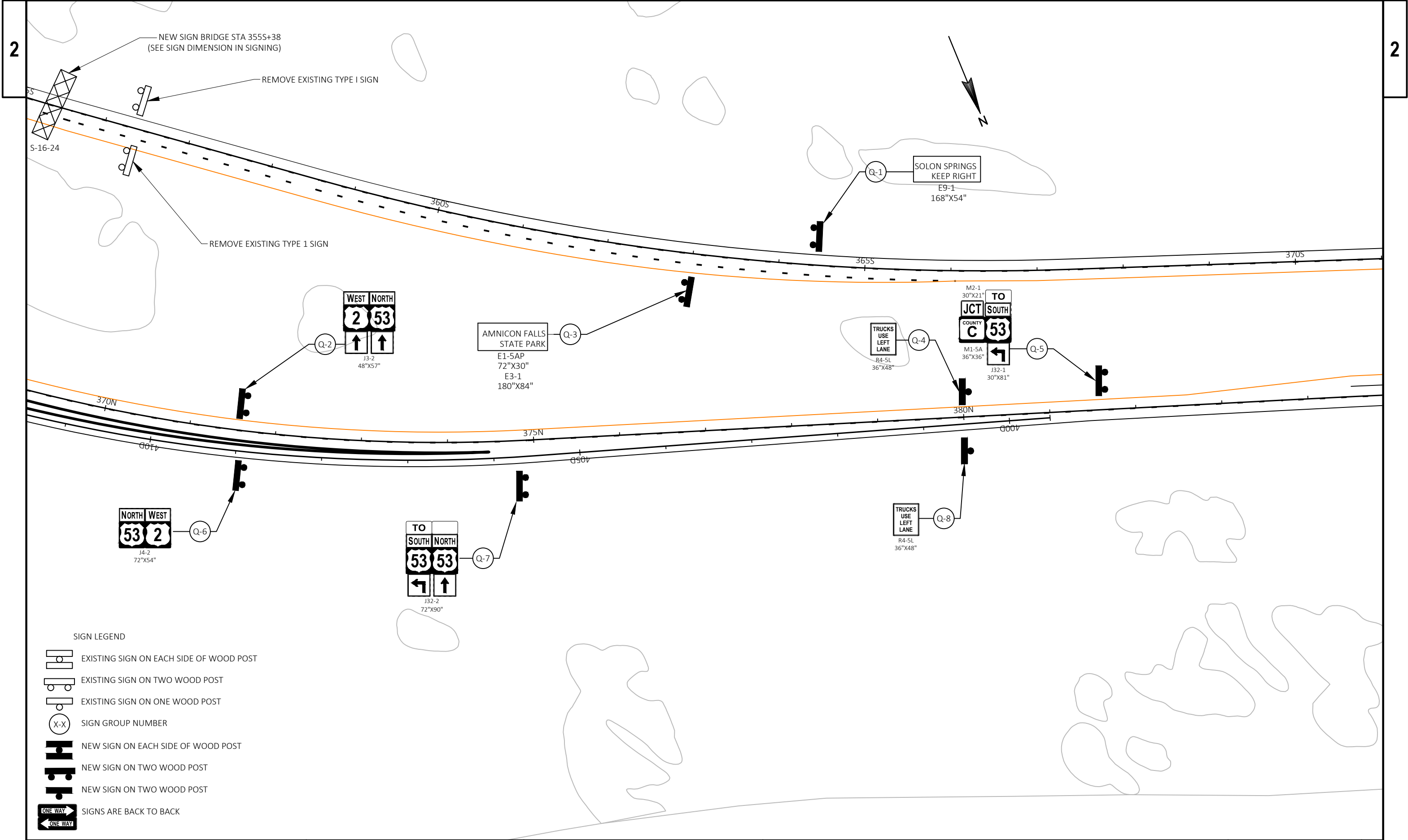
PLOT NAME :

PLOT SCALE : #####

WISDOT/CADDS SHEET 44

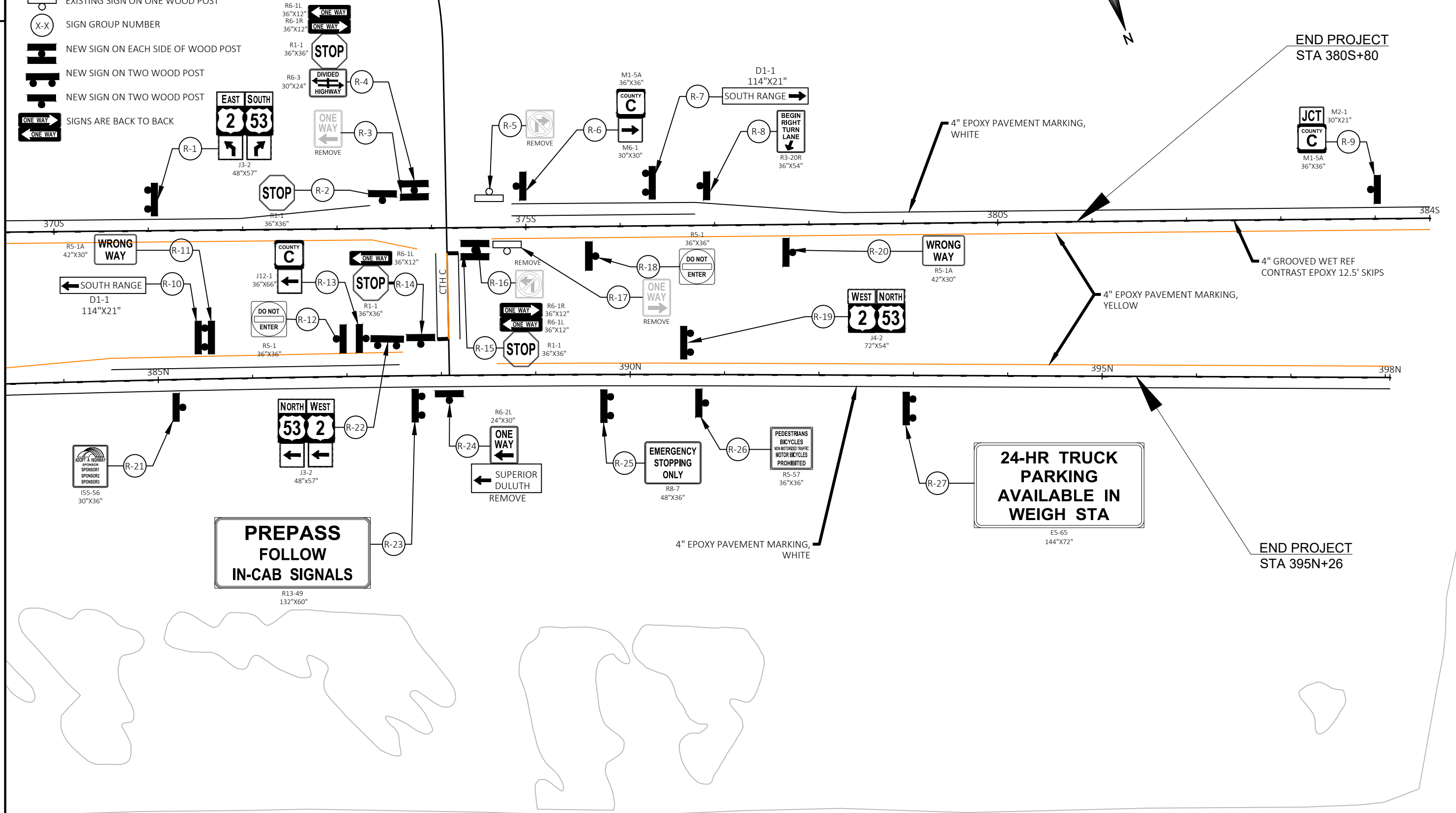


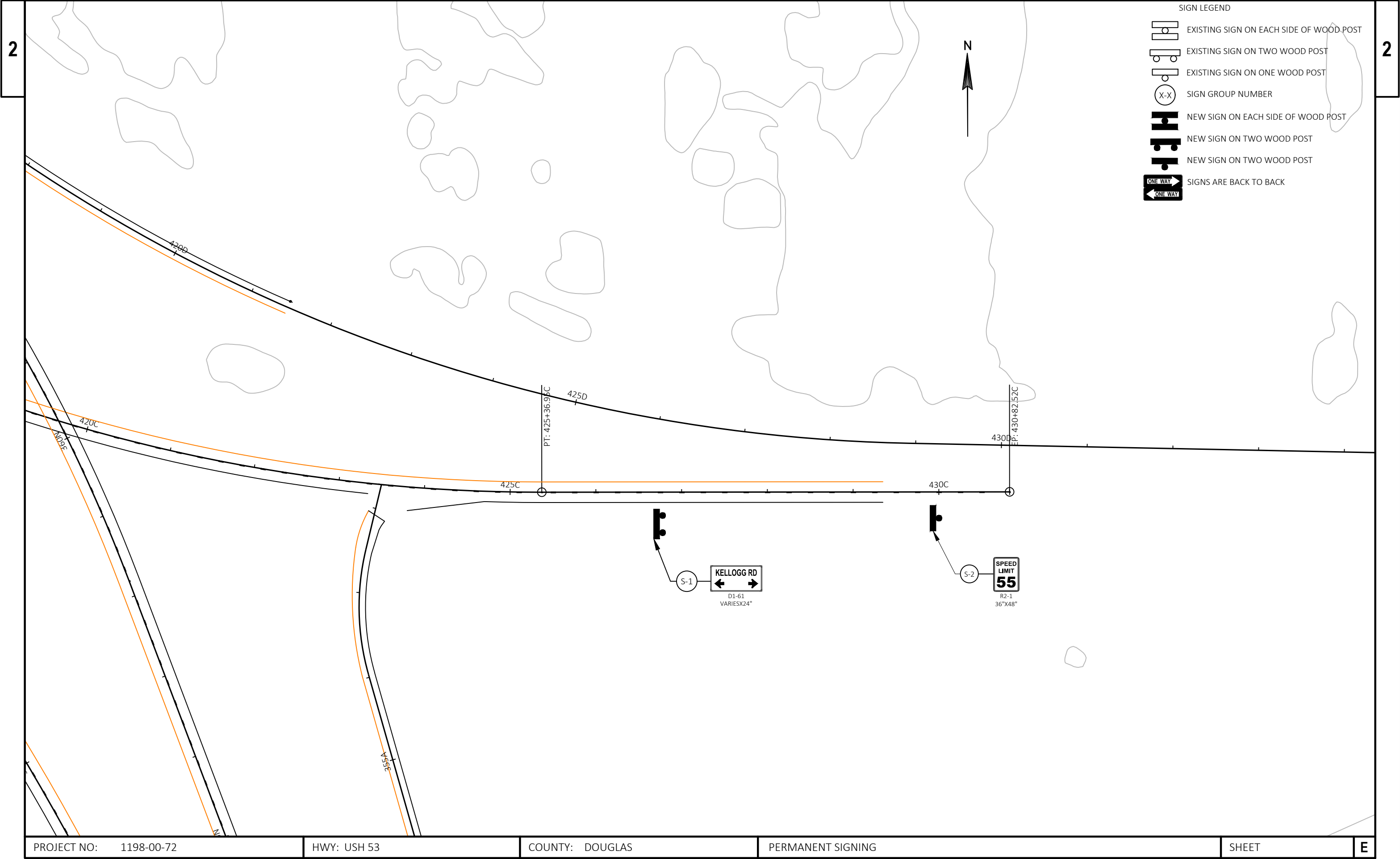


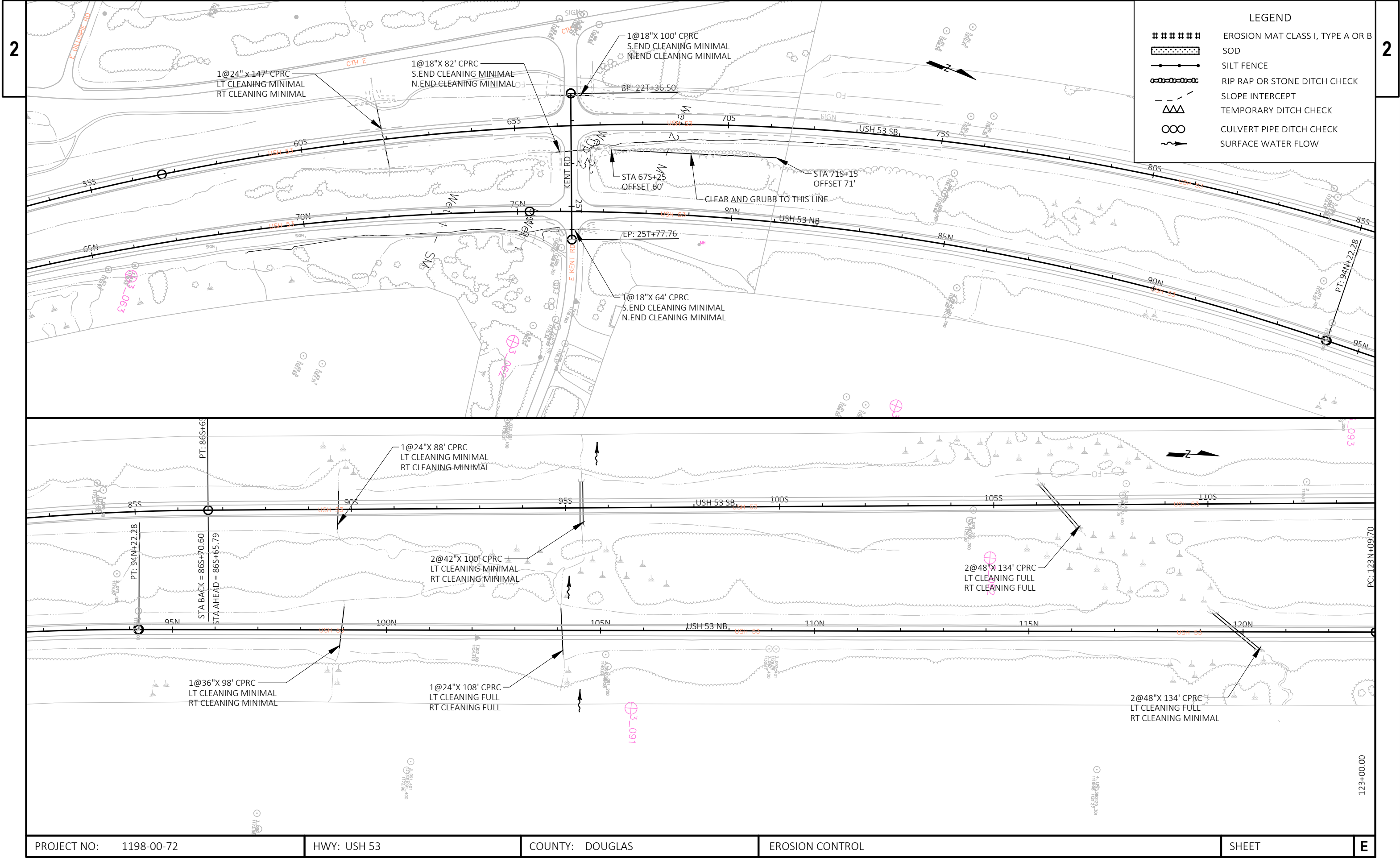


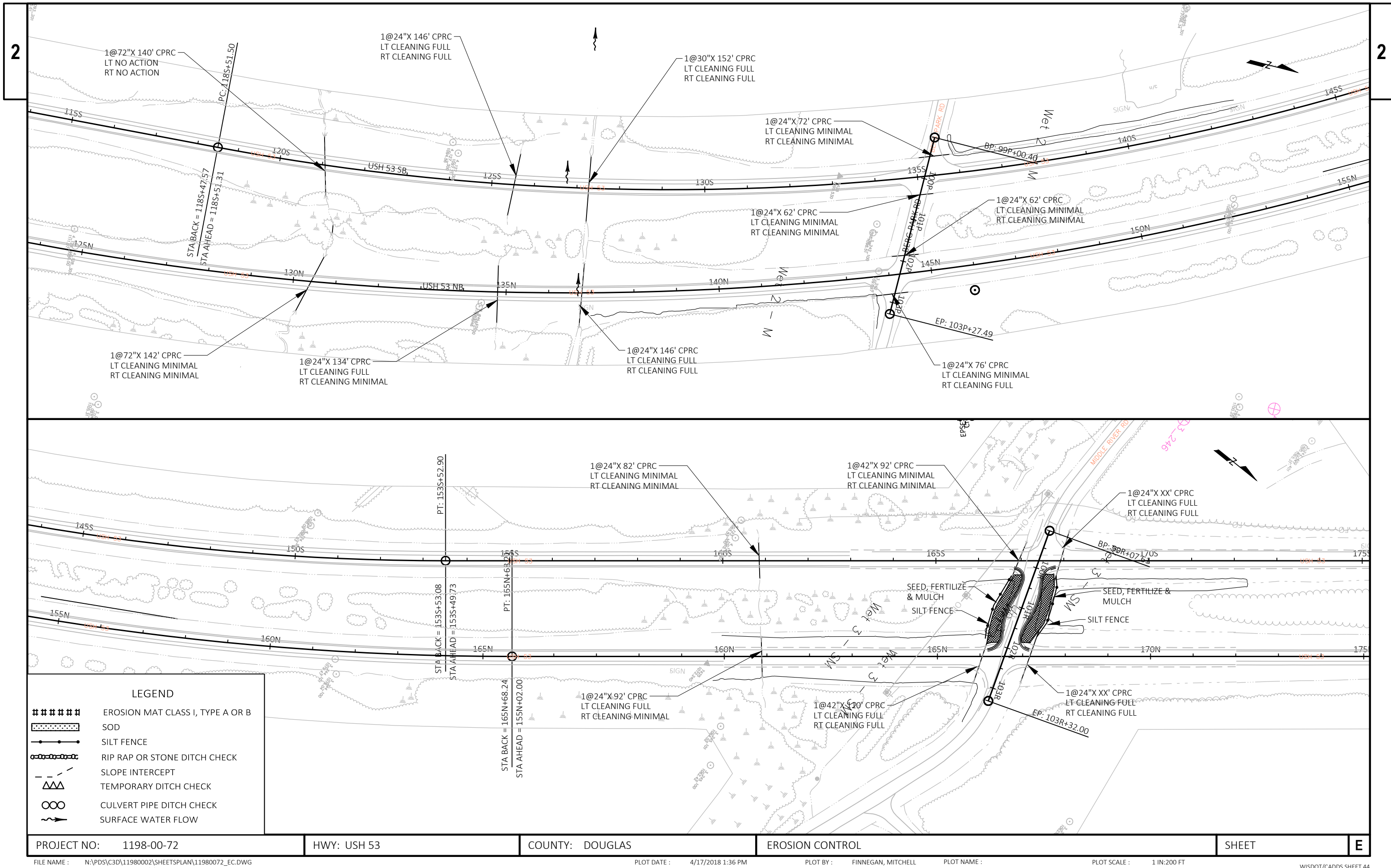
SIGN LEGEND

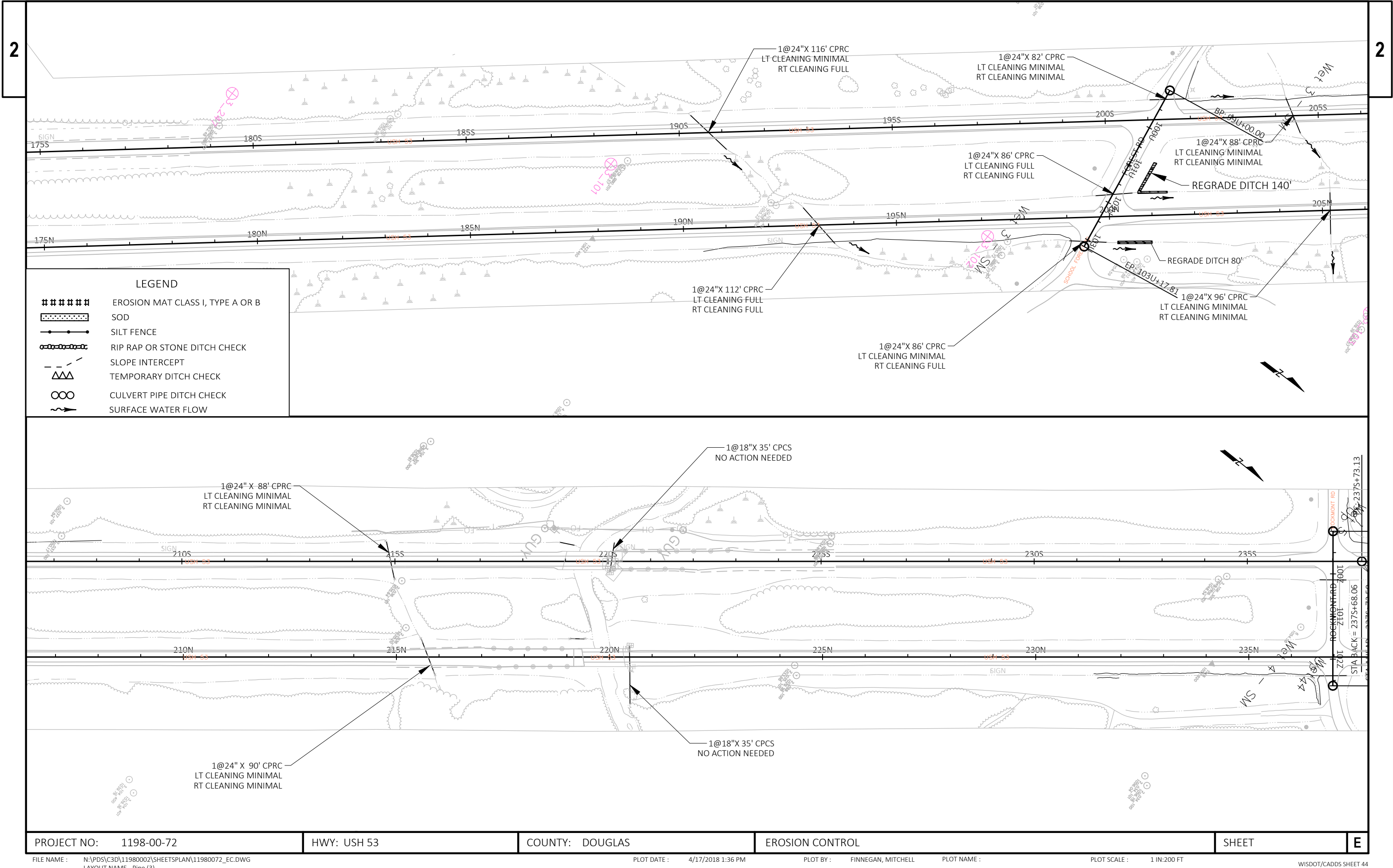
-  EXISTING SIGN ON EACH SIDE OF WOOD POST
-  EXISTING SIGN ON TWO WOOD POST
-  EXISTING SIGN ON ONE WOOD POST
-  SIGN GROUP NUMBER
-  NEW SIGN ON EACH SIDE OF WOOD POST
-  NEW SIGN ON TWO WOOD POST
-  NEW SIGN ON TWO WOOD POST
-  SIGNS ARE BACK TO BACK

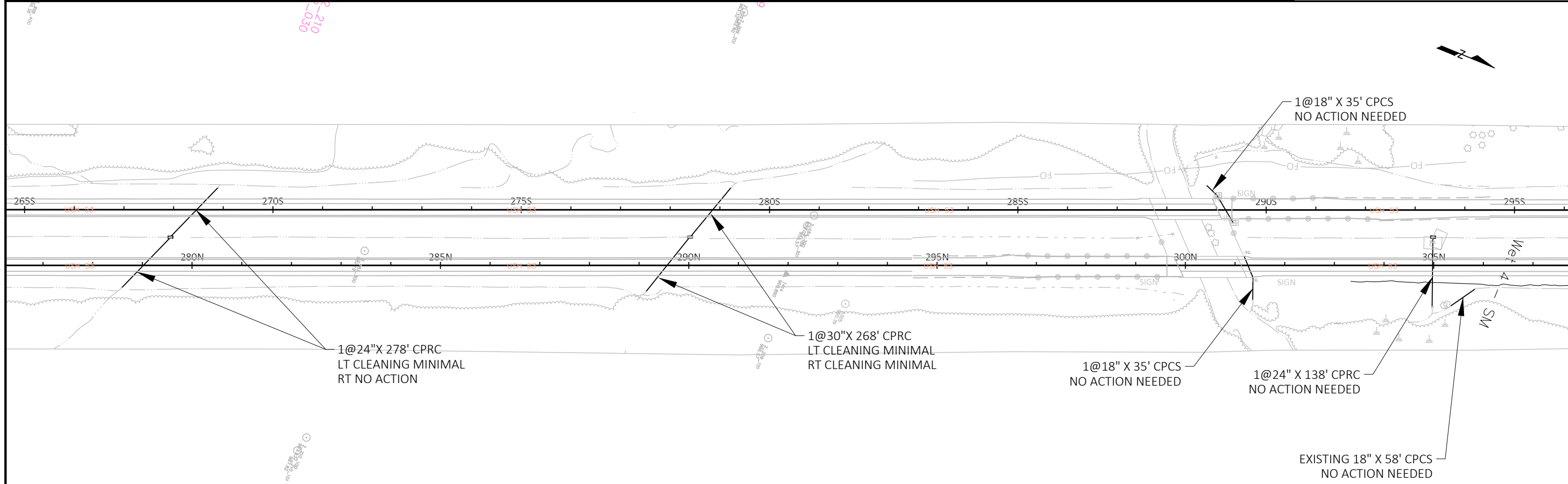
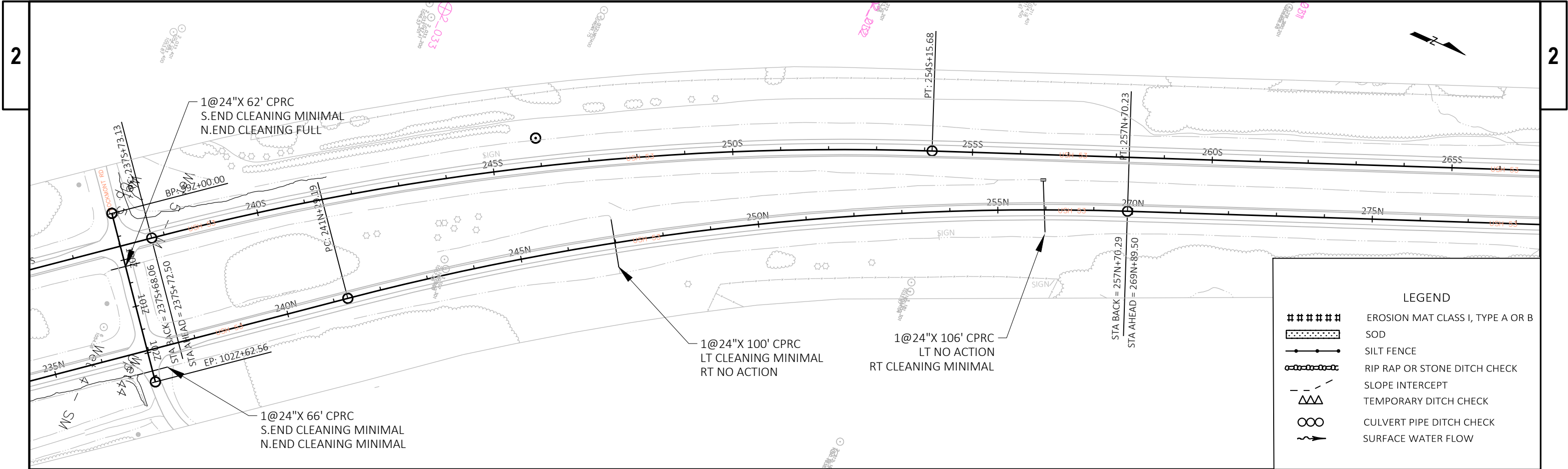


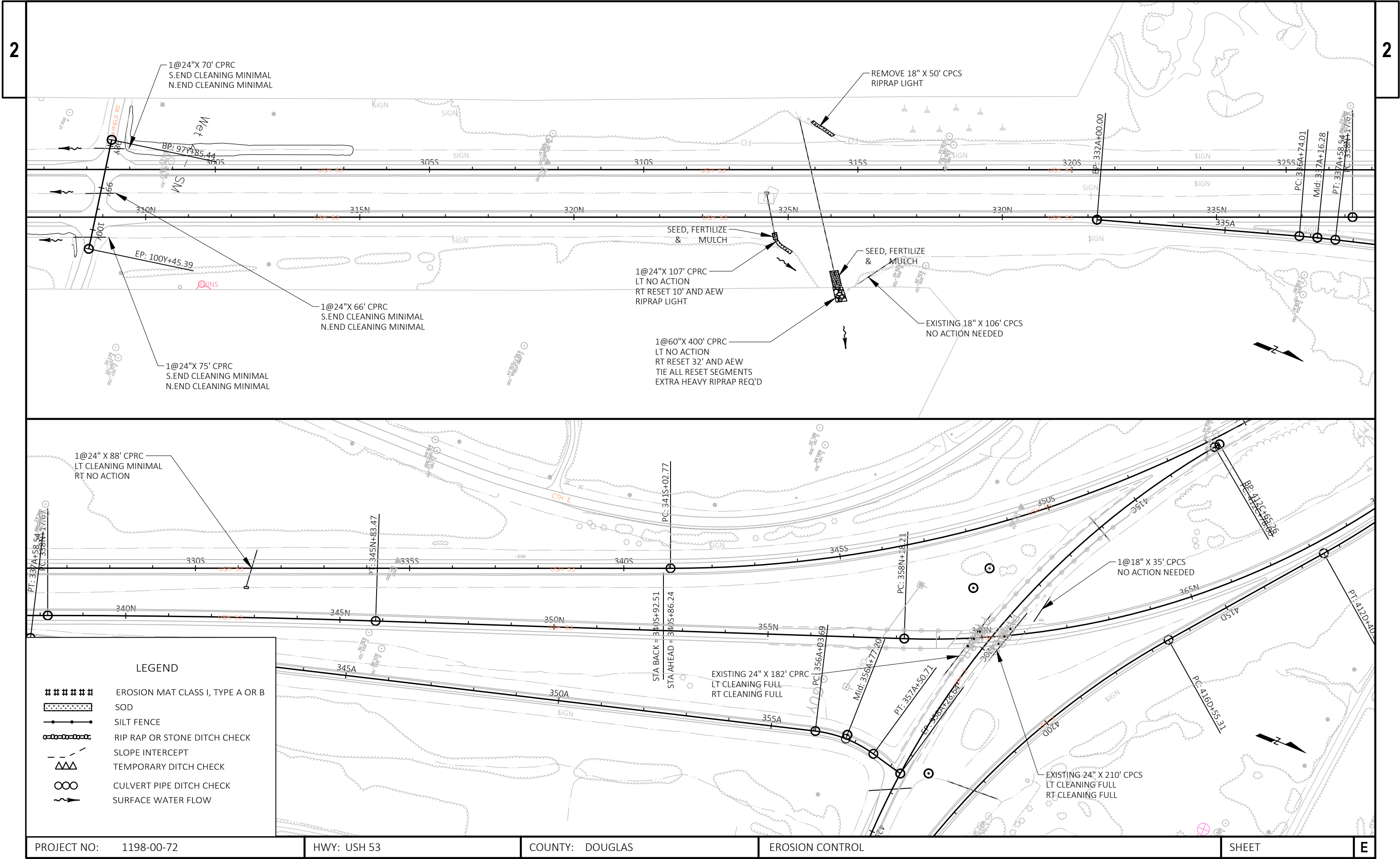


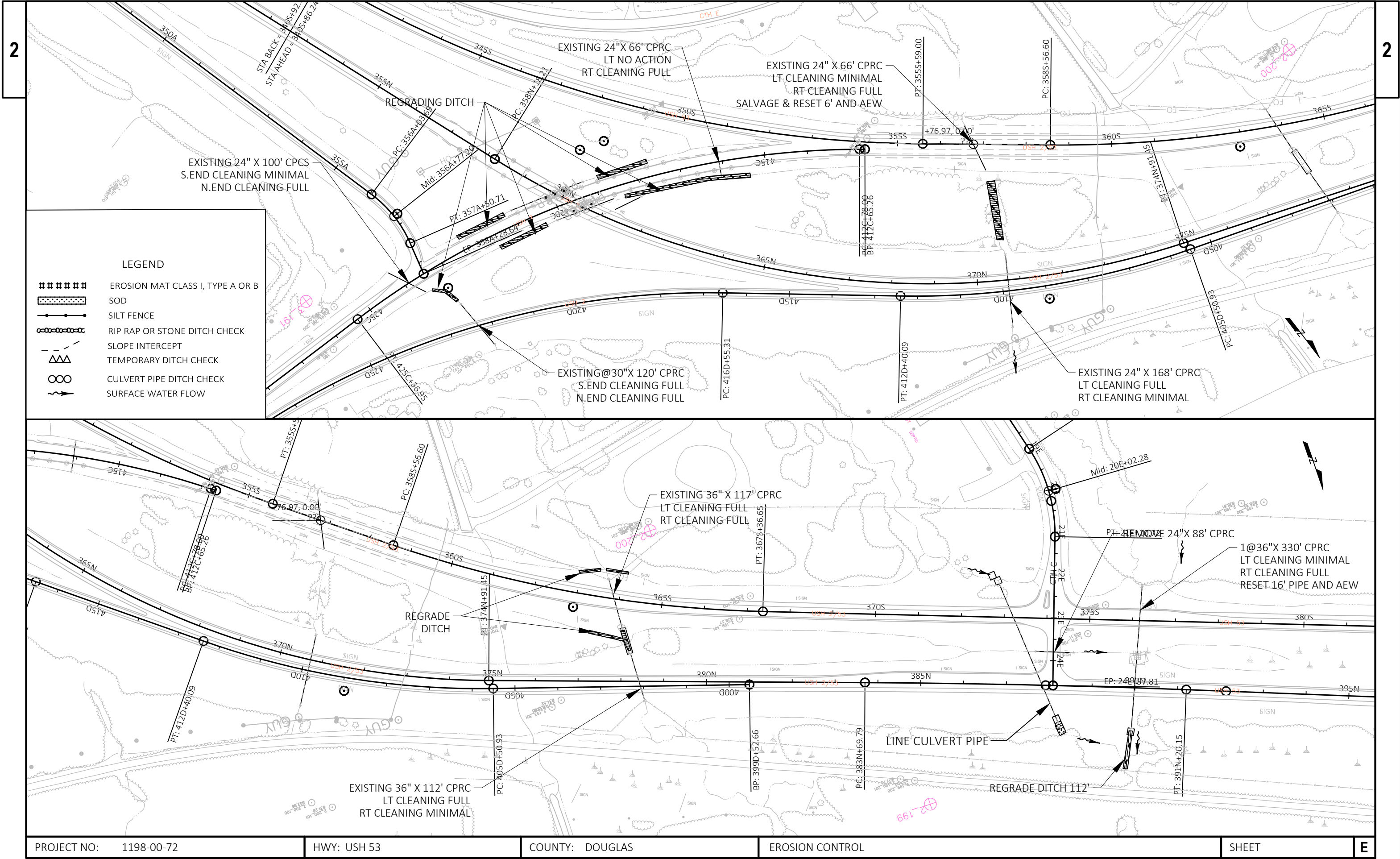


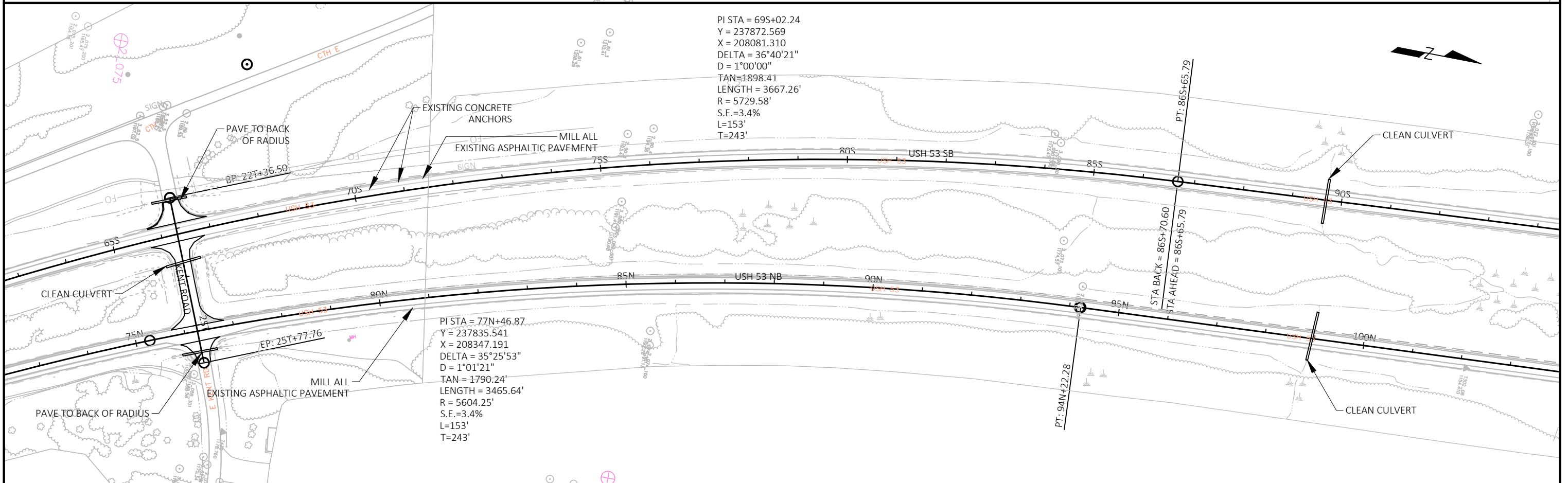
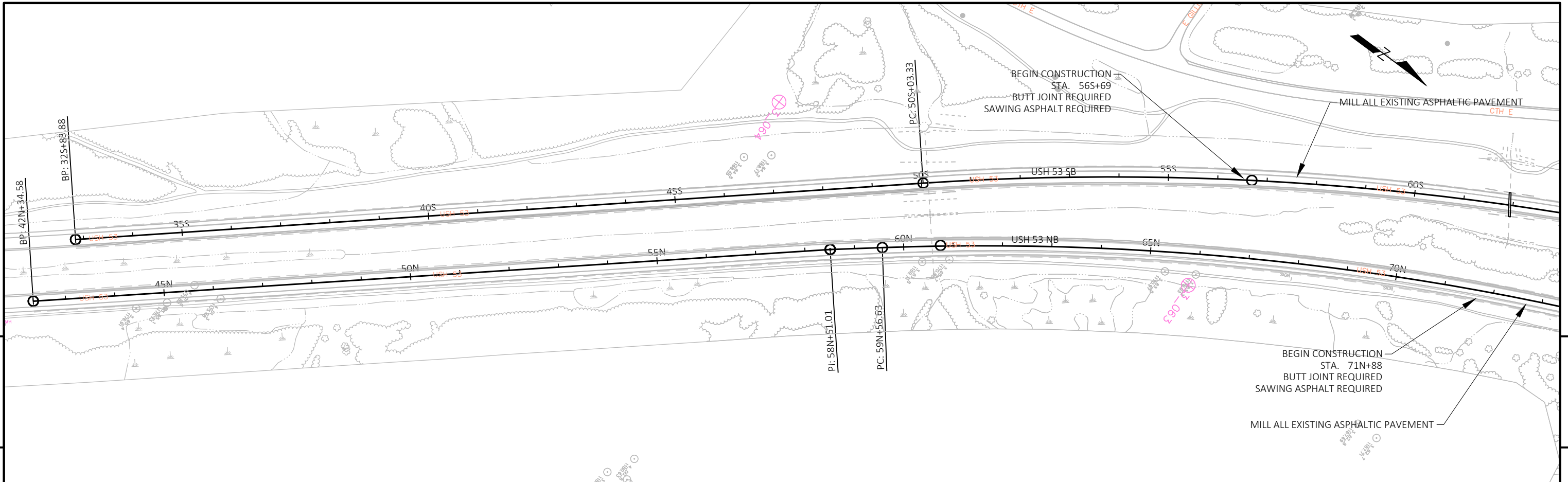




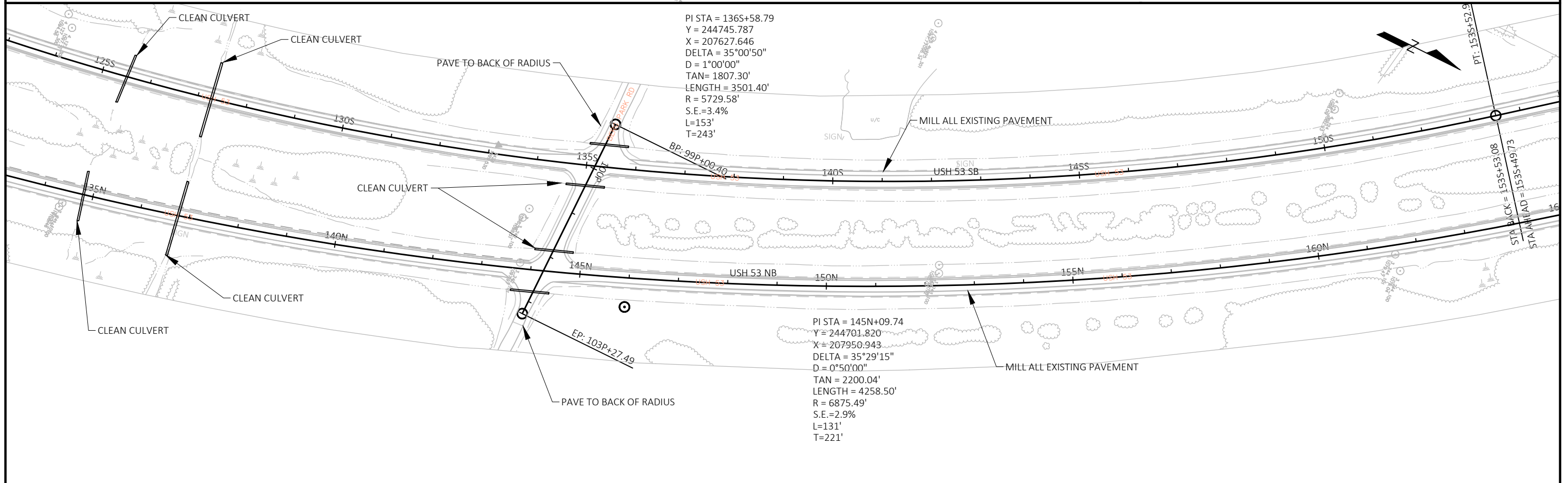
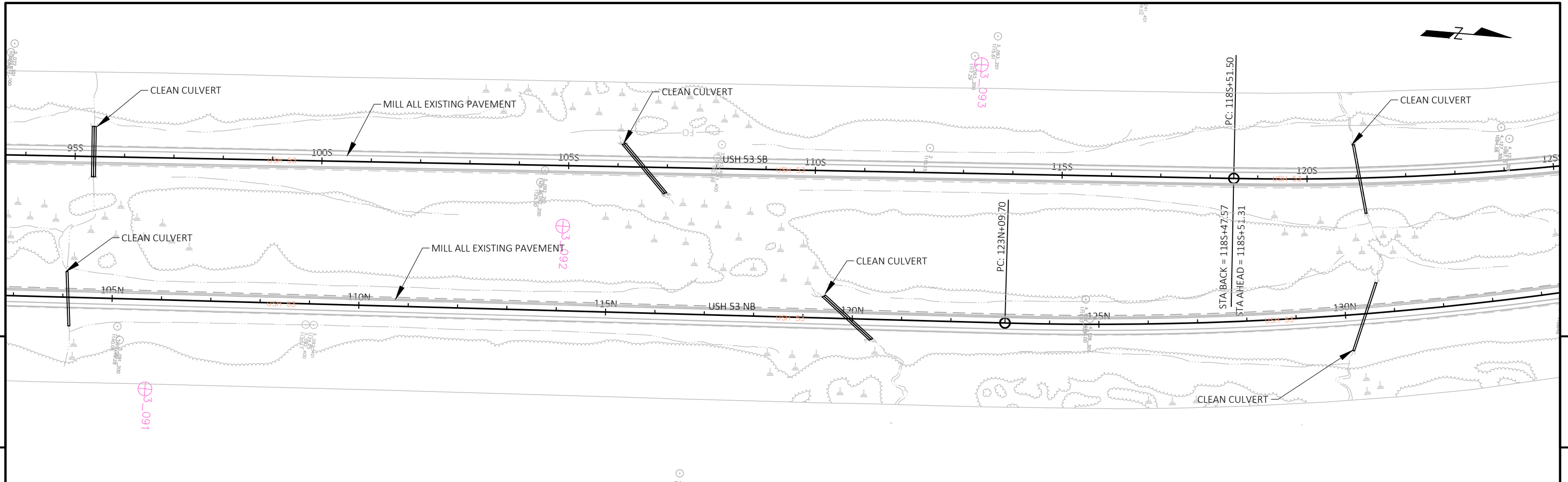






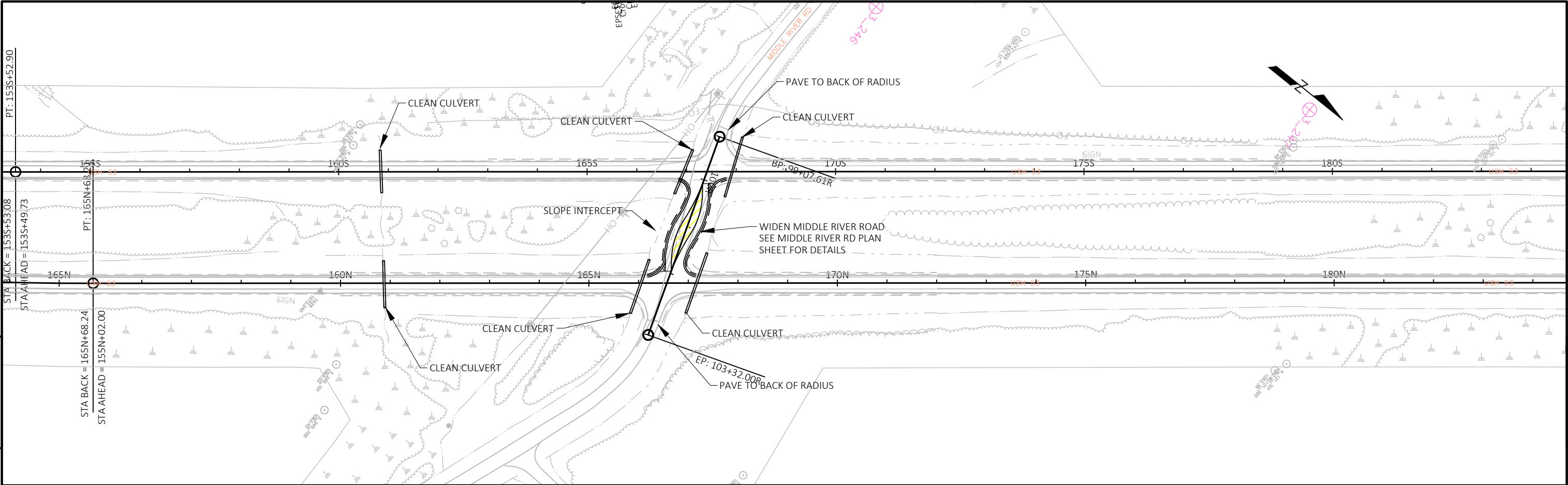


PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	PLAN	SHEET	E
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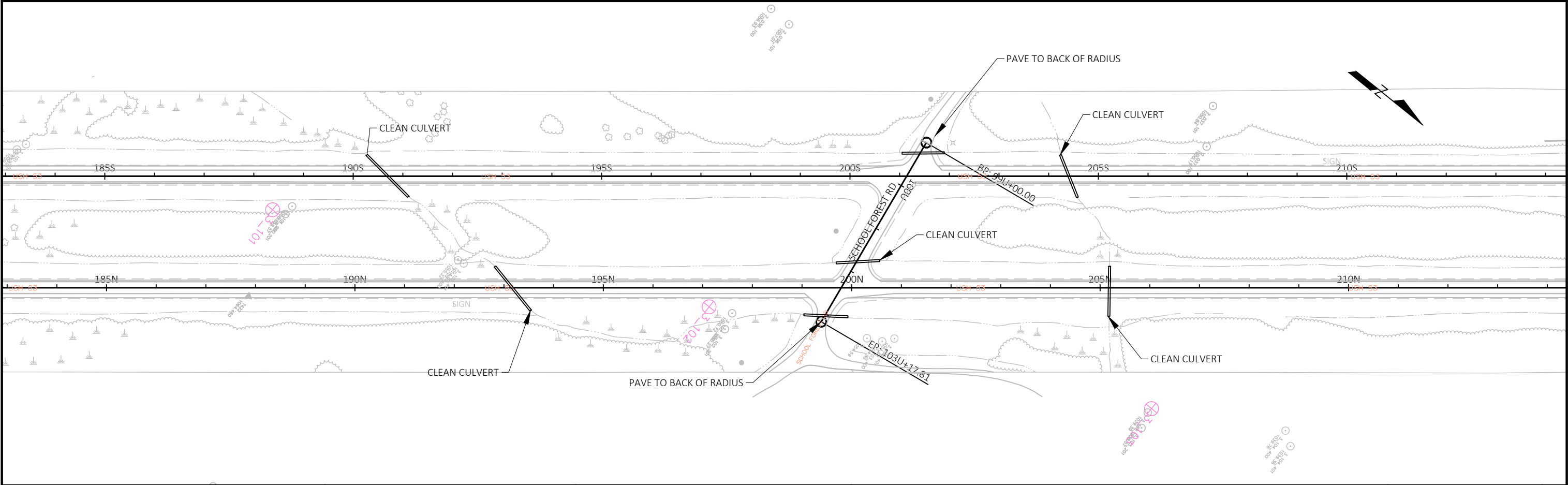


PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	PLAN	SHEET	E
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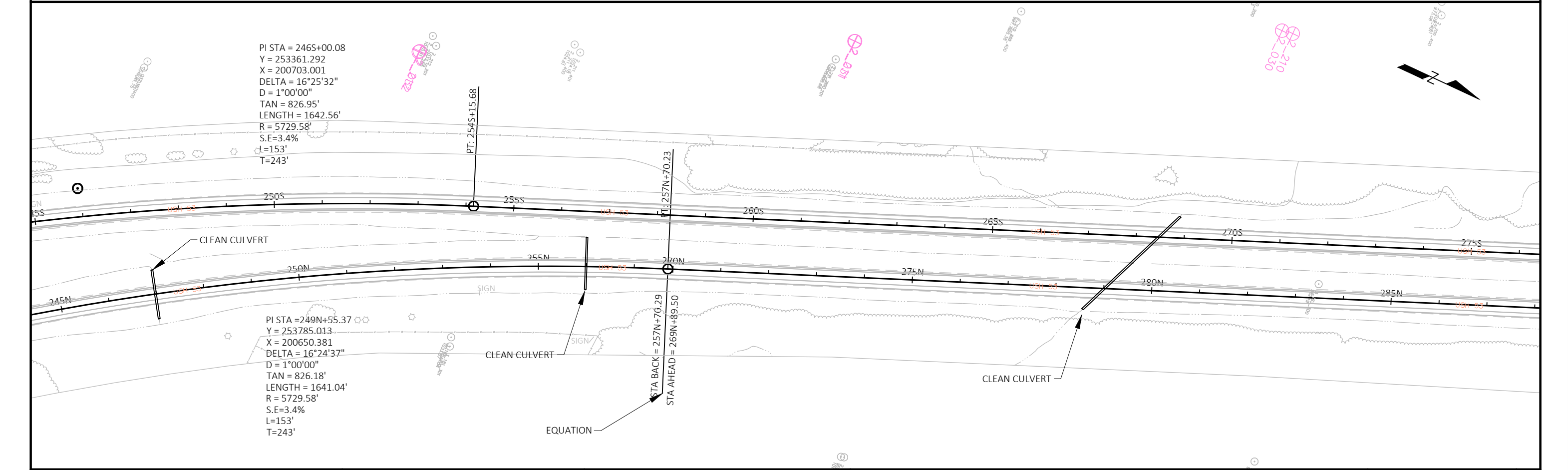
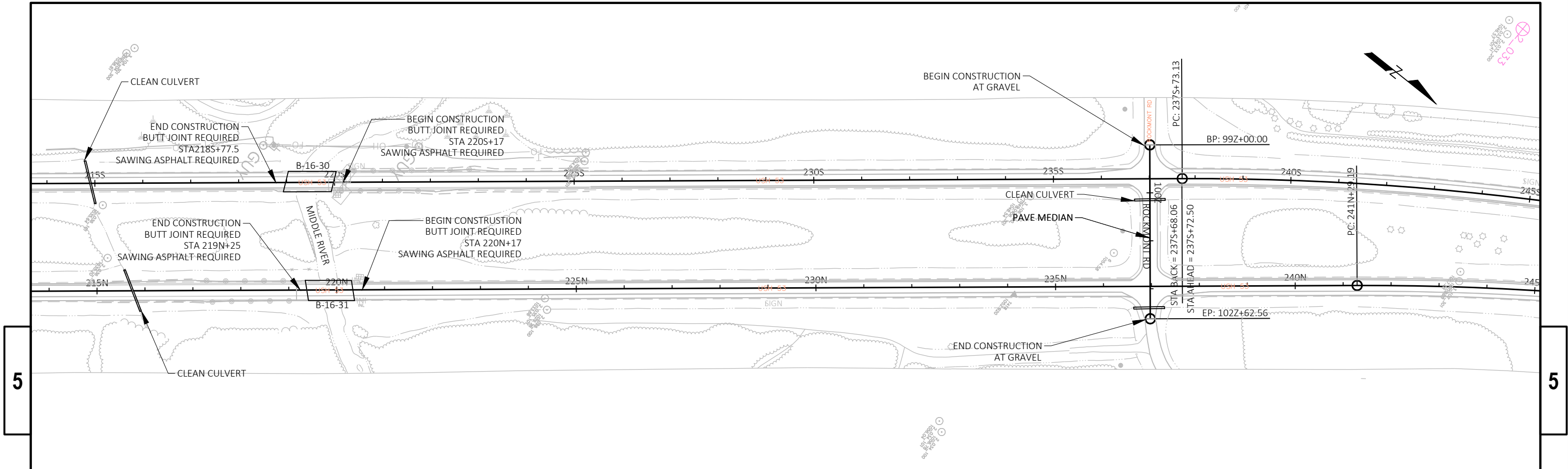
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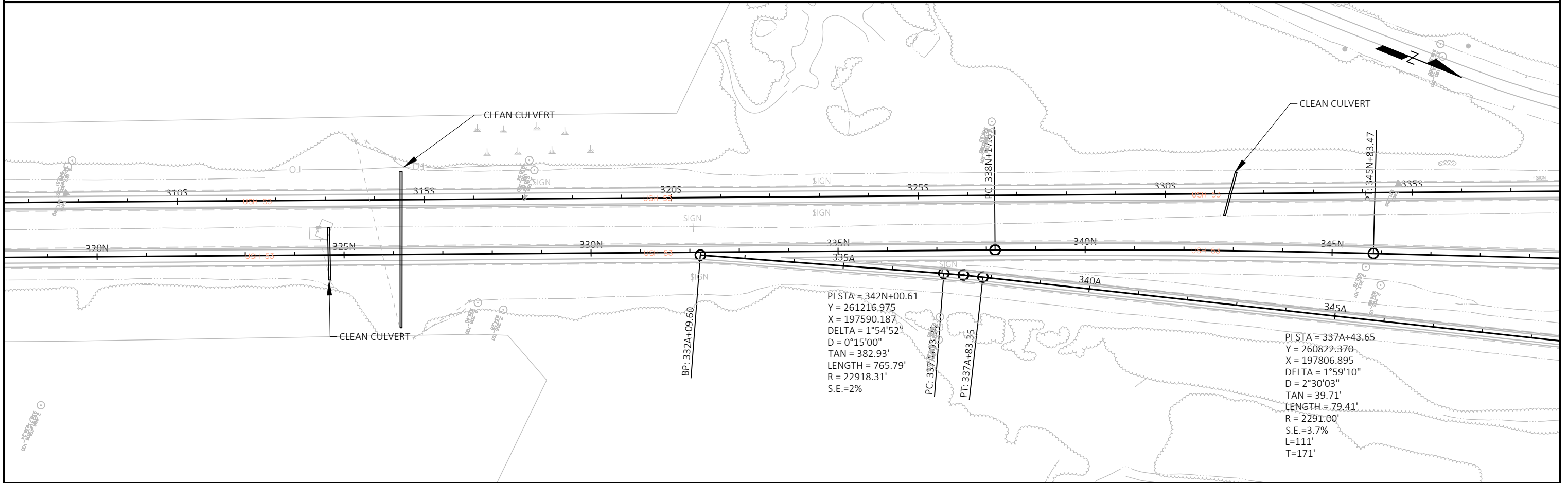
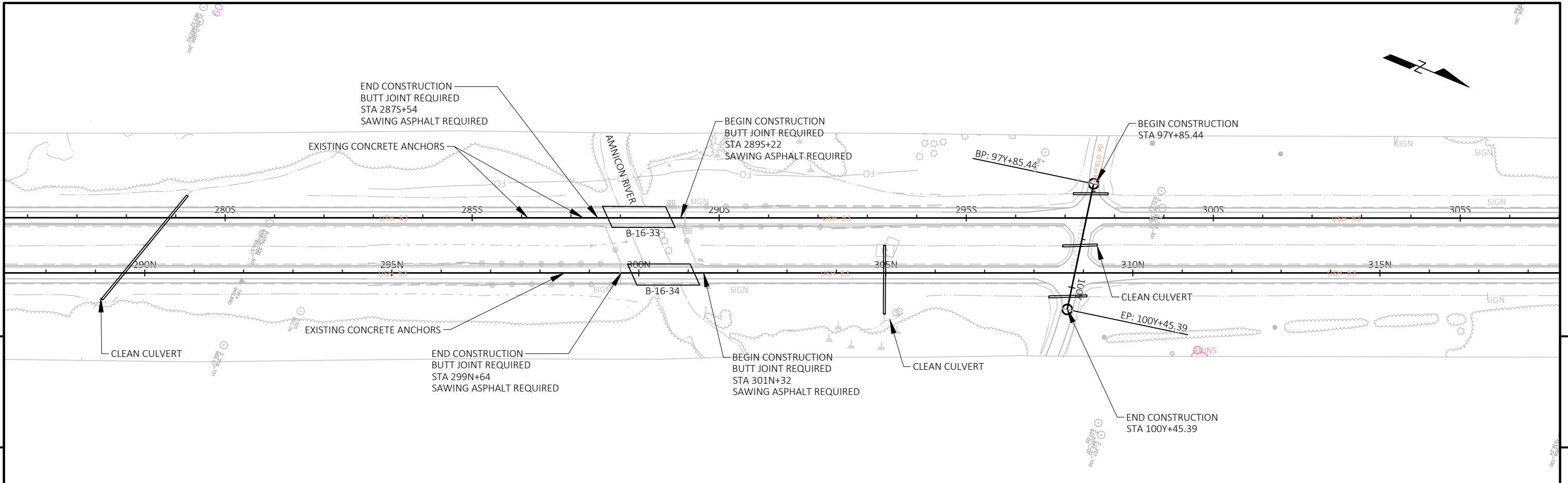
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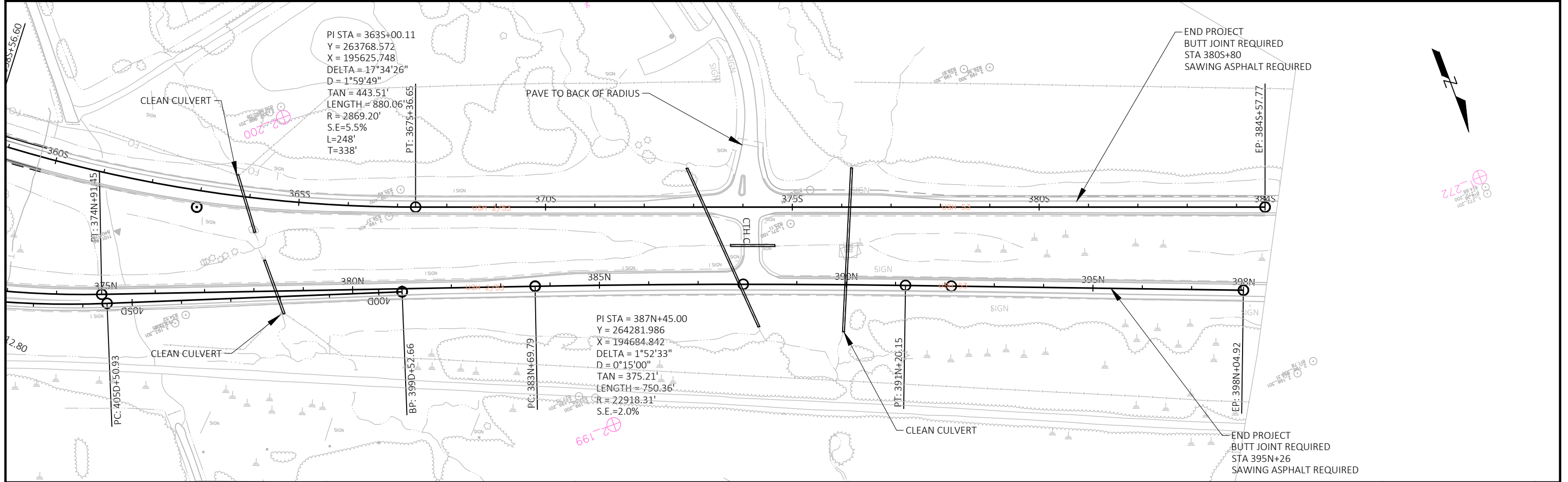
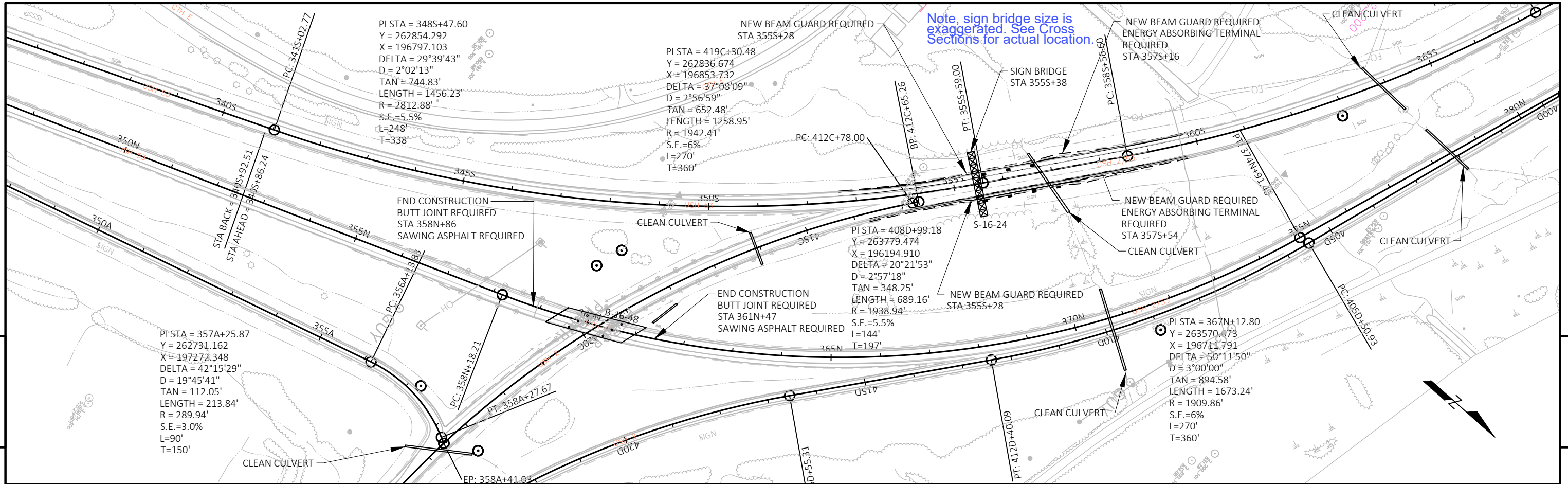
PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	PLAN	SHEET	E
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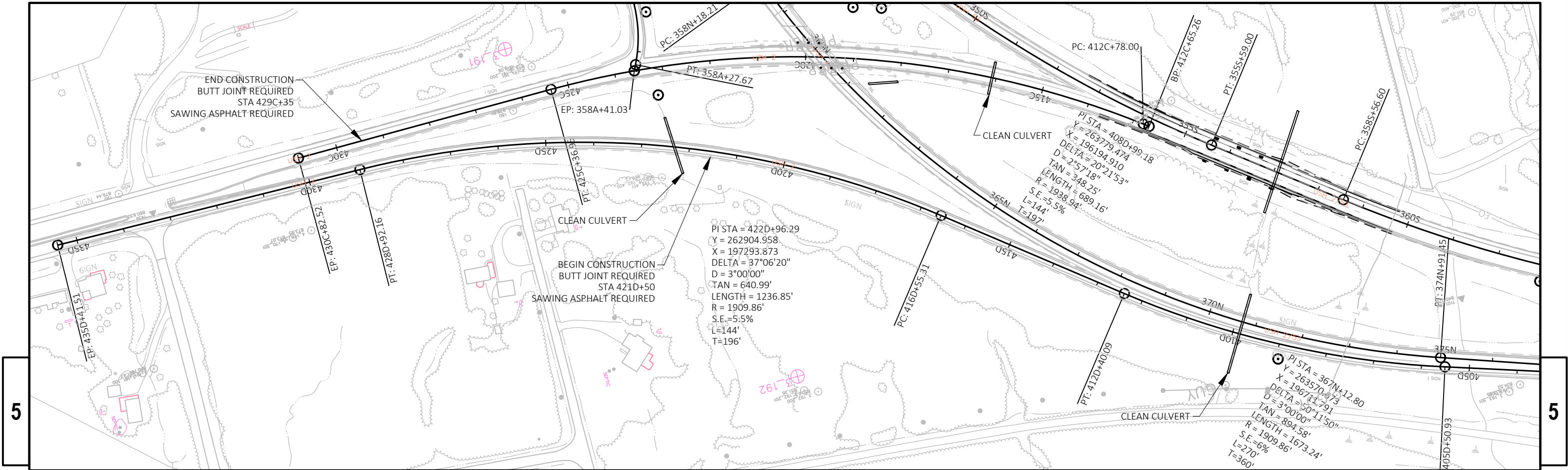
PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	PLAN	SHEET	E
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PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	PLAN	SHEET	E
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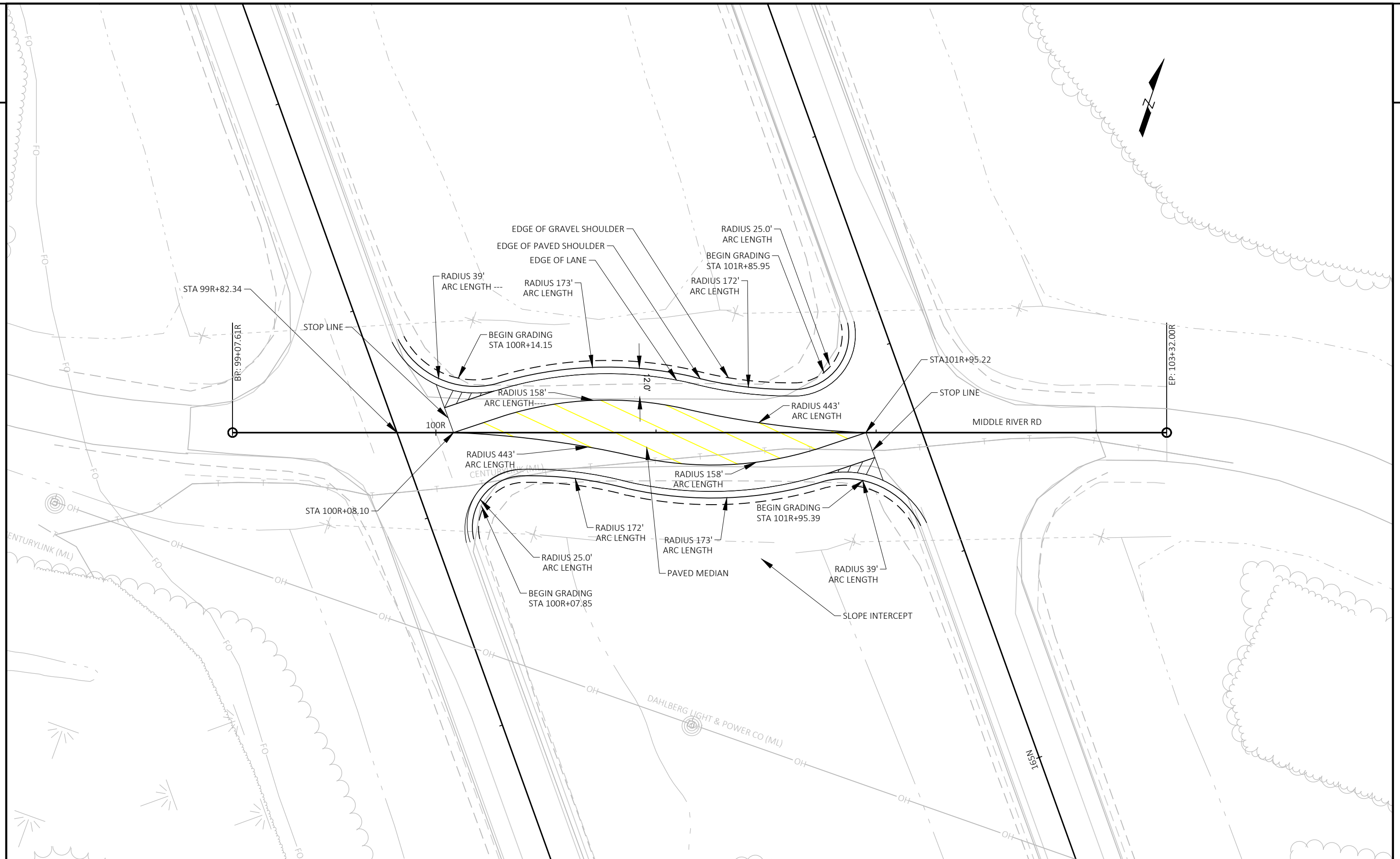


PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	PLAN	SHEET	E
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PROJECT NO: 1198-00-72

HWY: 53

COUNTY: DOUGLAS

MIDDLE RIVER RD DETAIL

SHEET

E

FILE NAME : N:\PDS\C3D\11980002\SHEETS\PLAN\1198-00-02_PLN.DWG
LAYOUT NAME - middle river construction detail

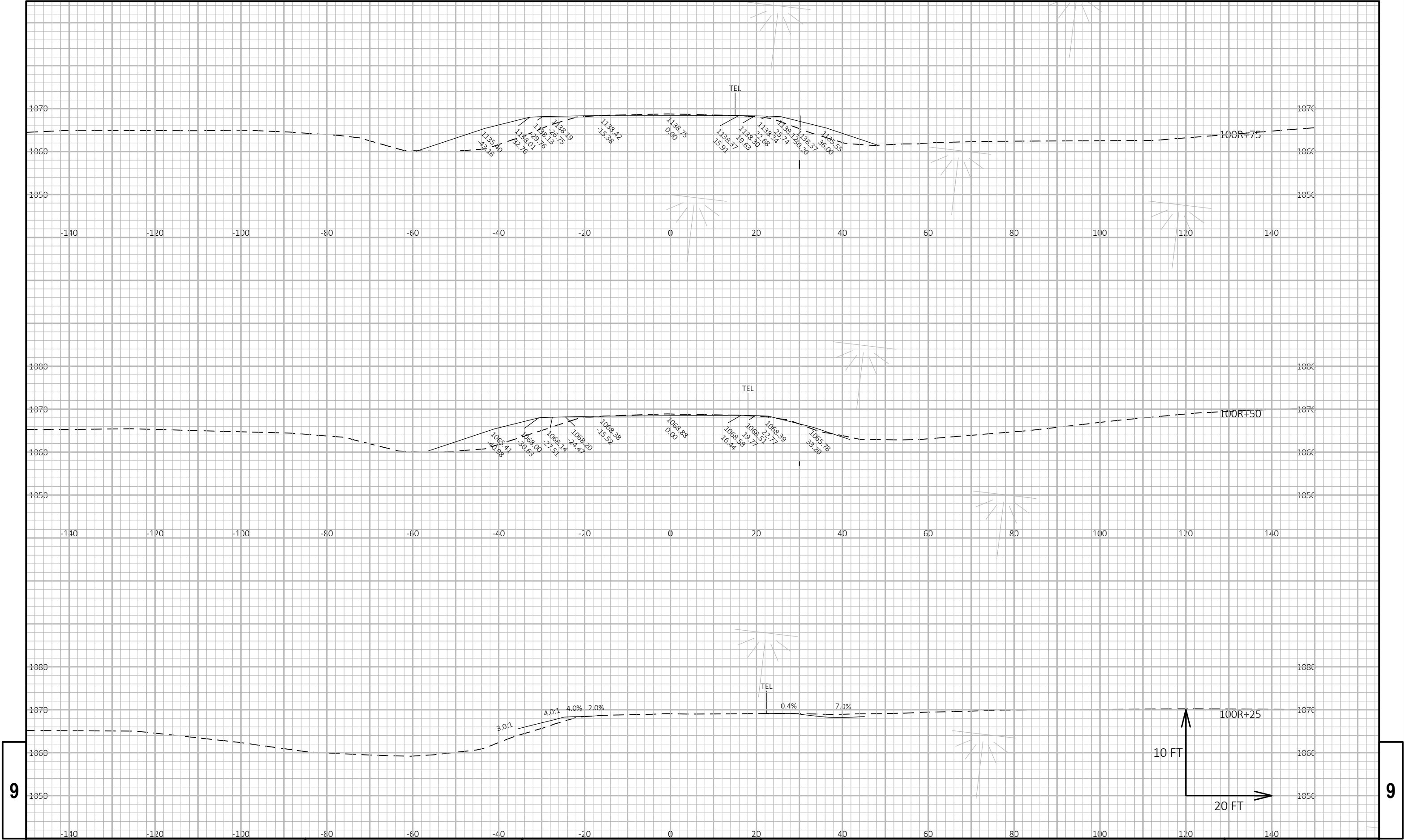
PLOT DATE : 4/17/2018 6:55 AM

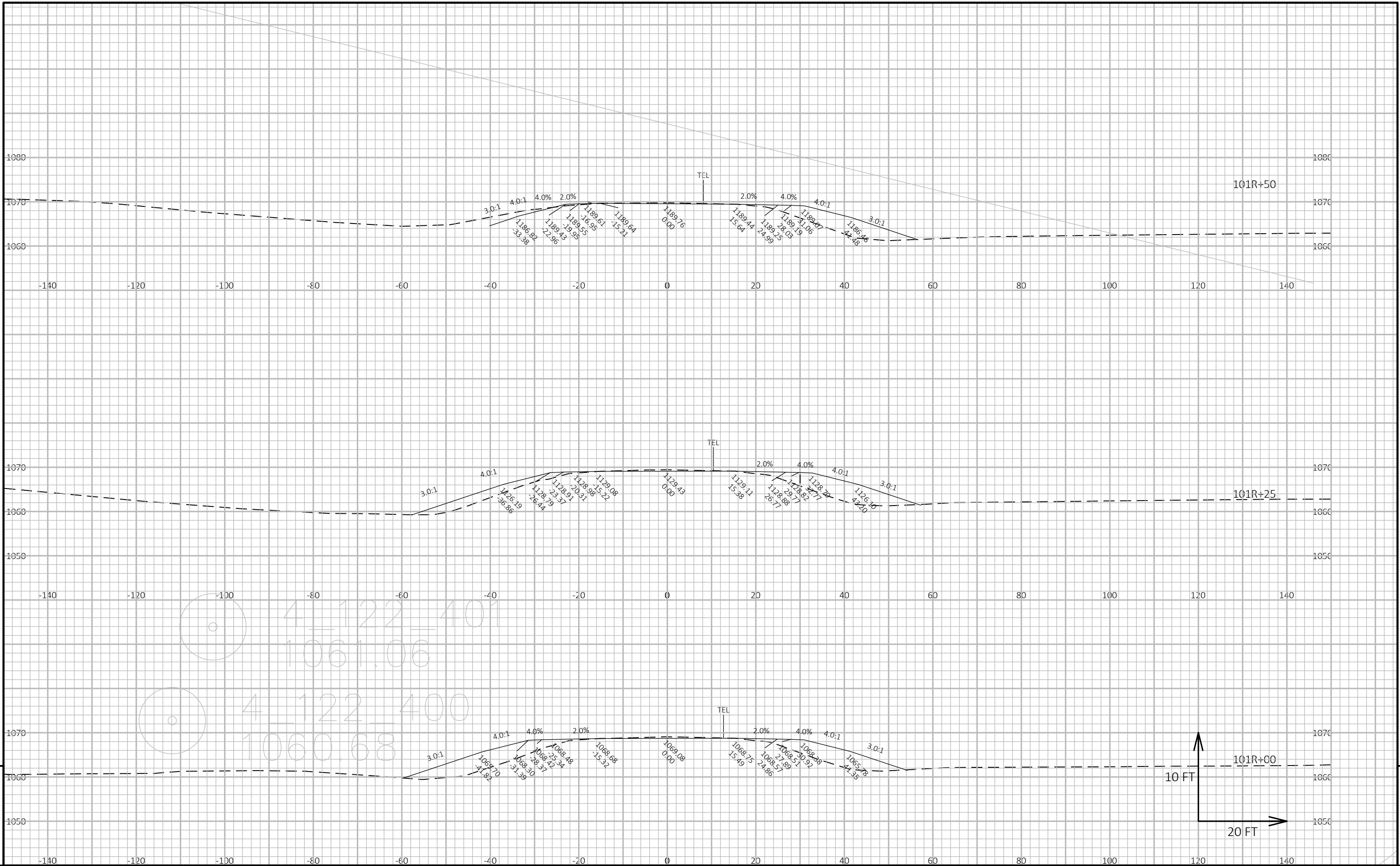
PLOT BY : FINNEGAN, MITCHELL

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDs SHEET 44

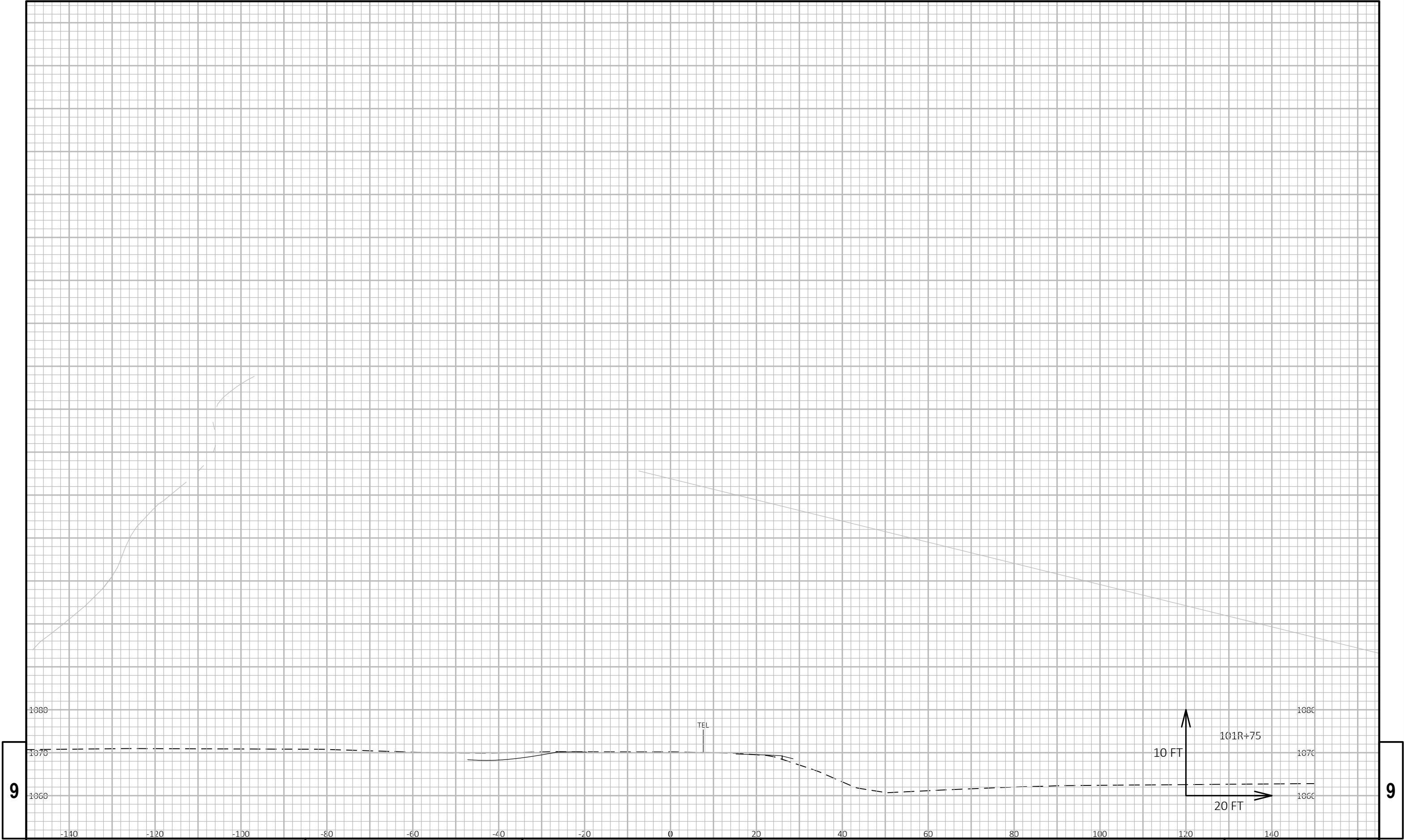




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9

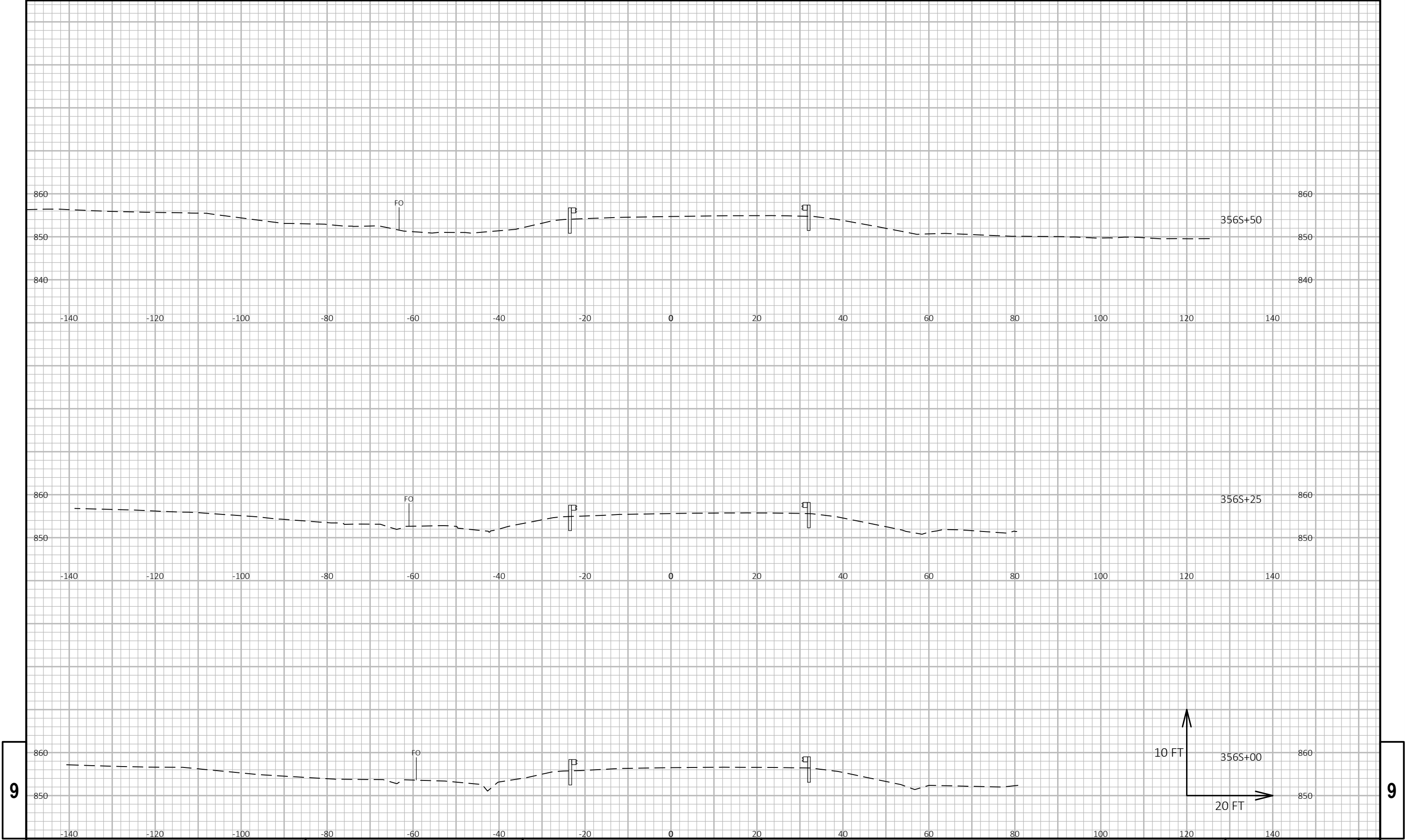
PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	CROSS SECTIONS: MIDDLE RIVER ROAD	SHEET	E
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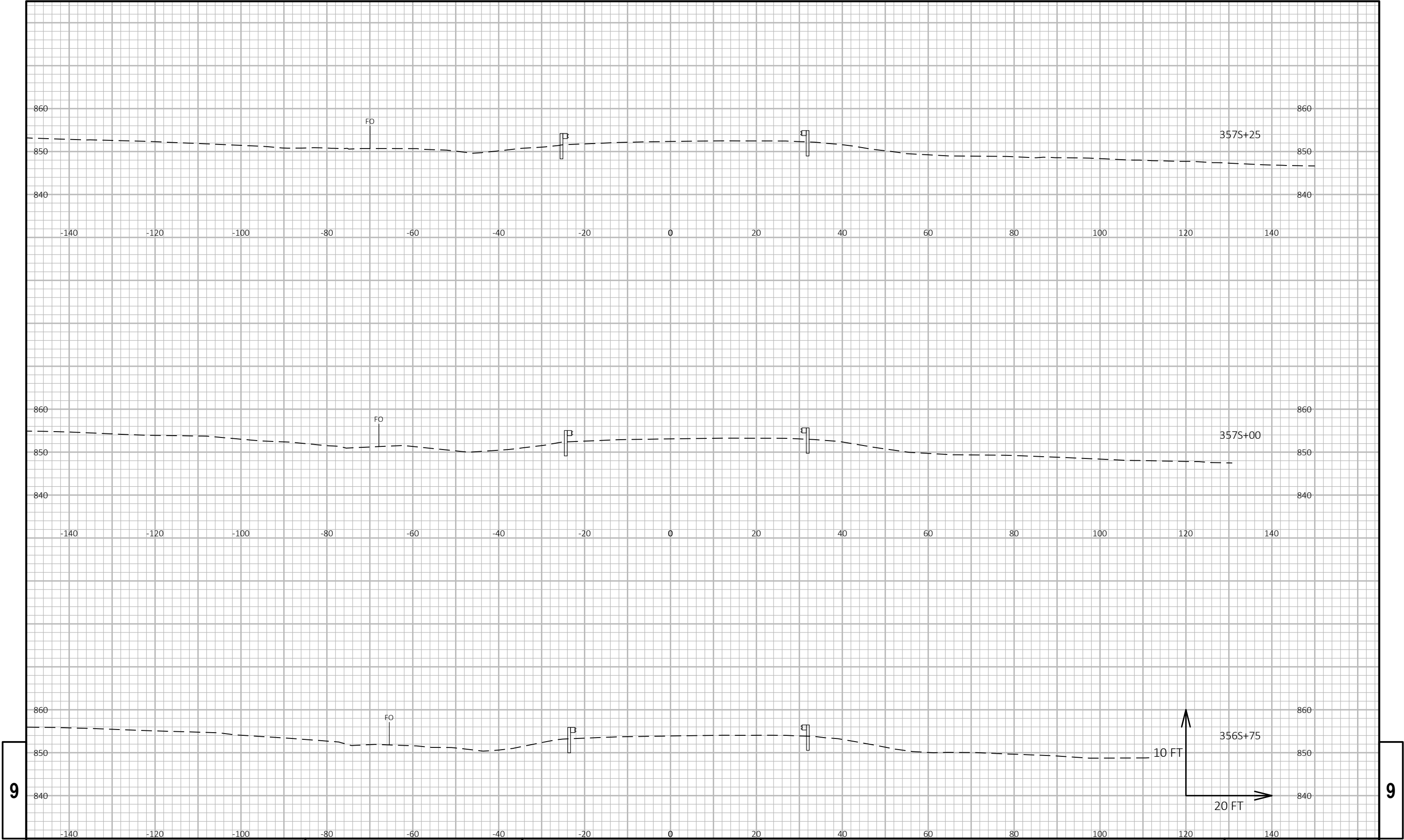


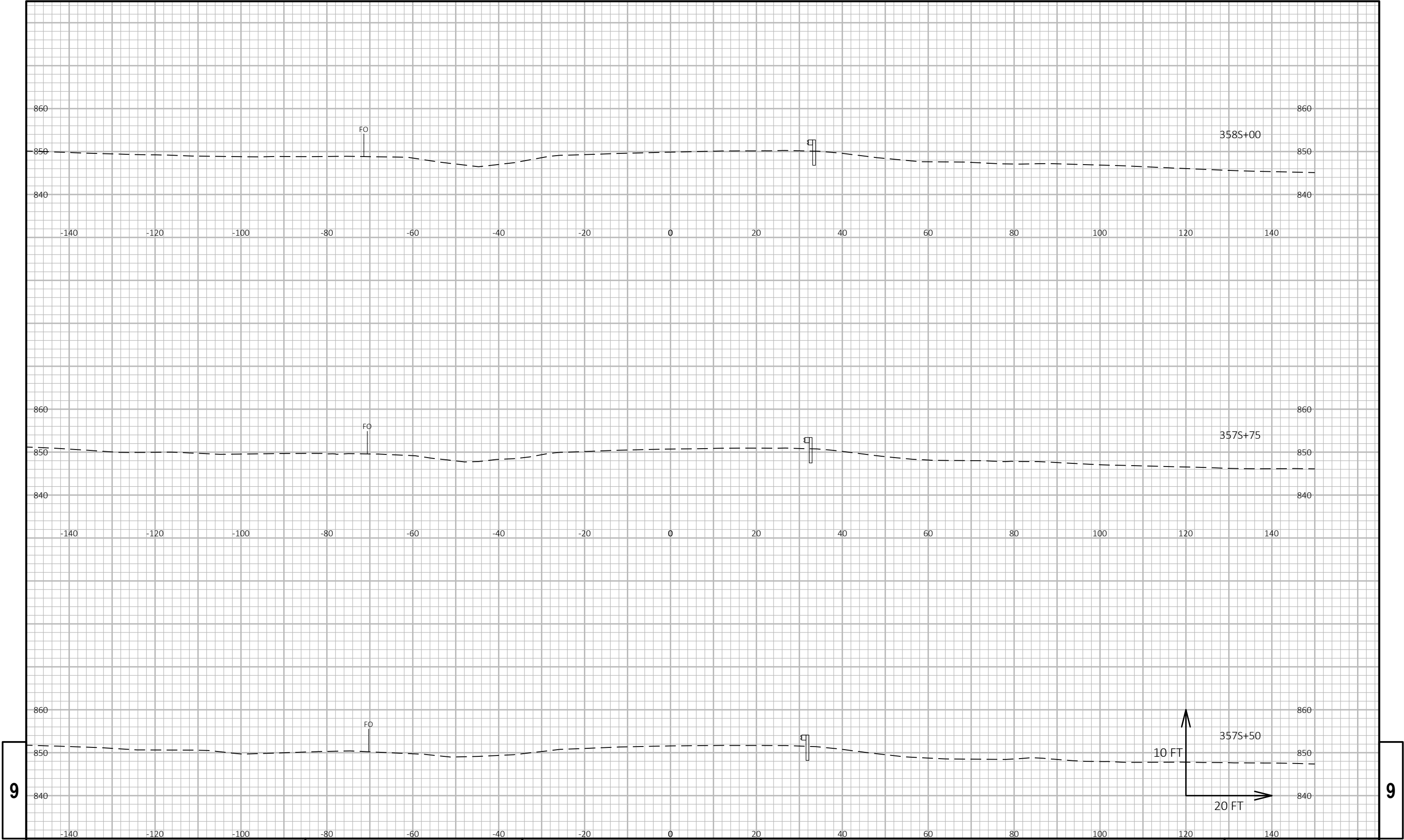
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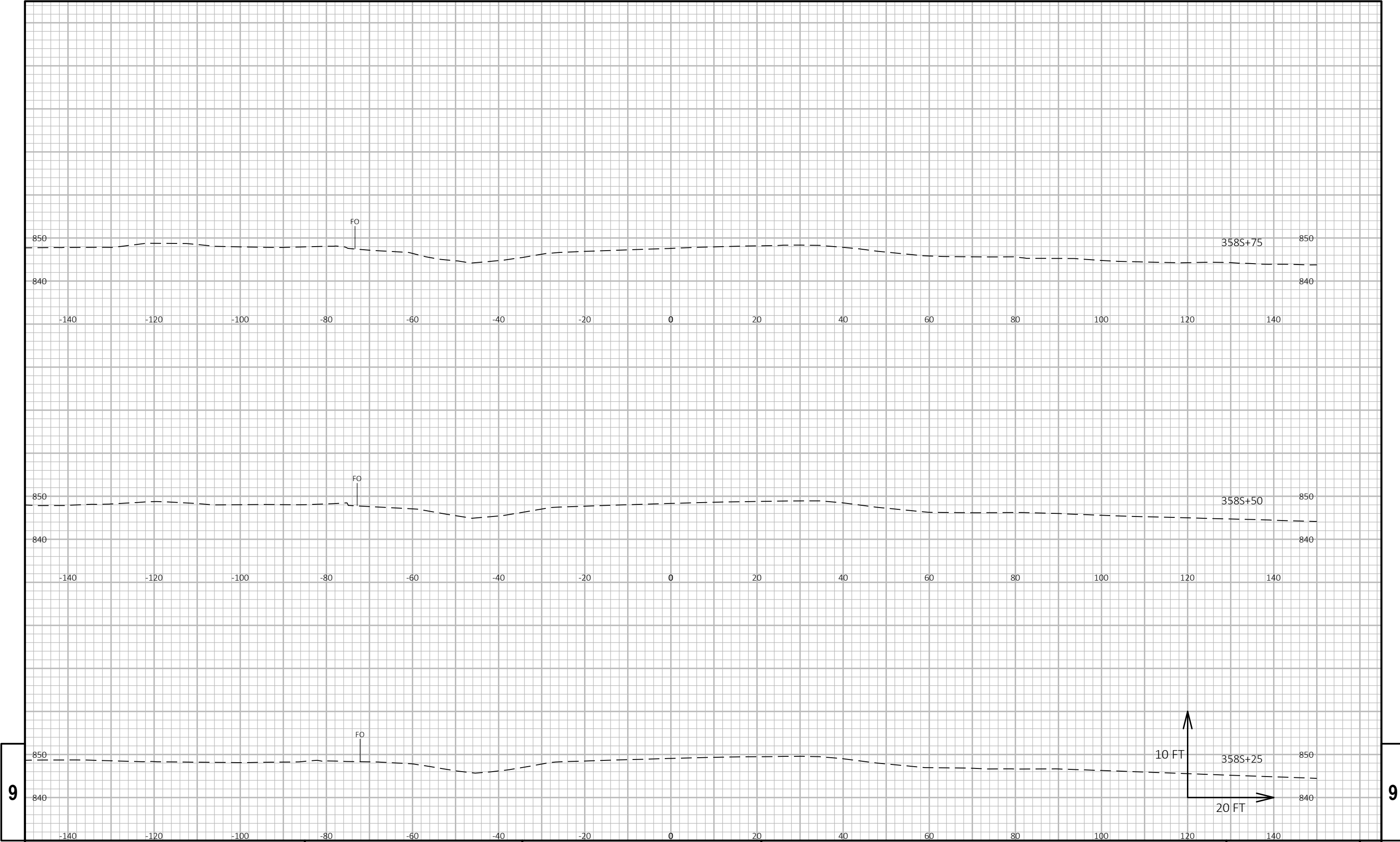
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PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	CROSS SECTIONS: MIDDLE RIVER ROAD	SHEET E
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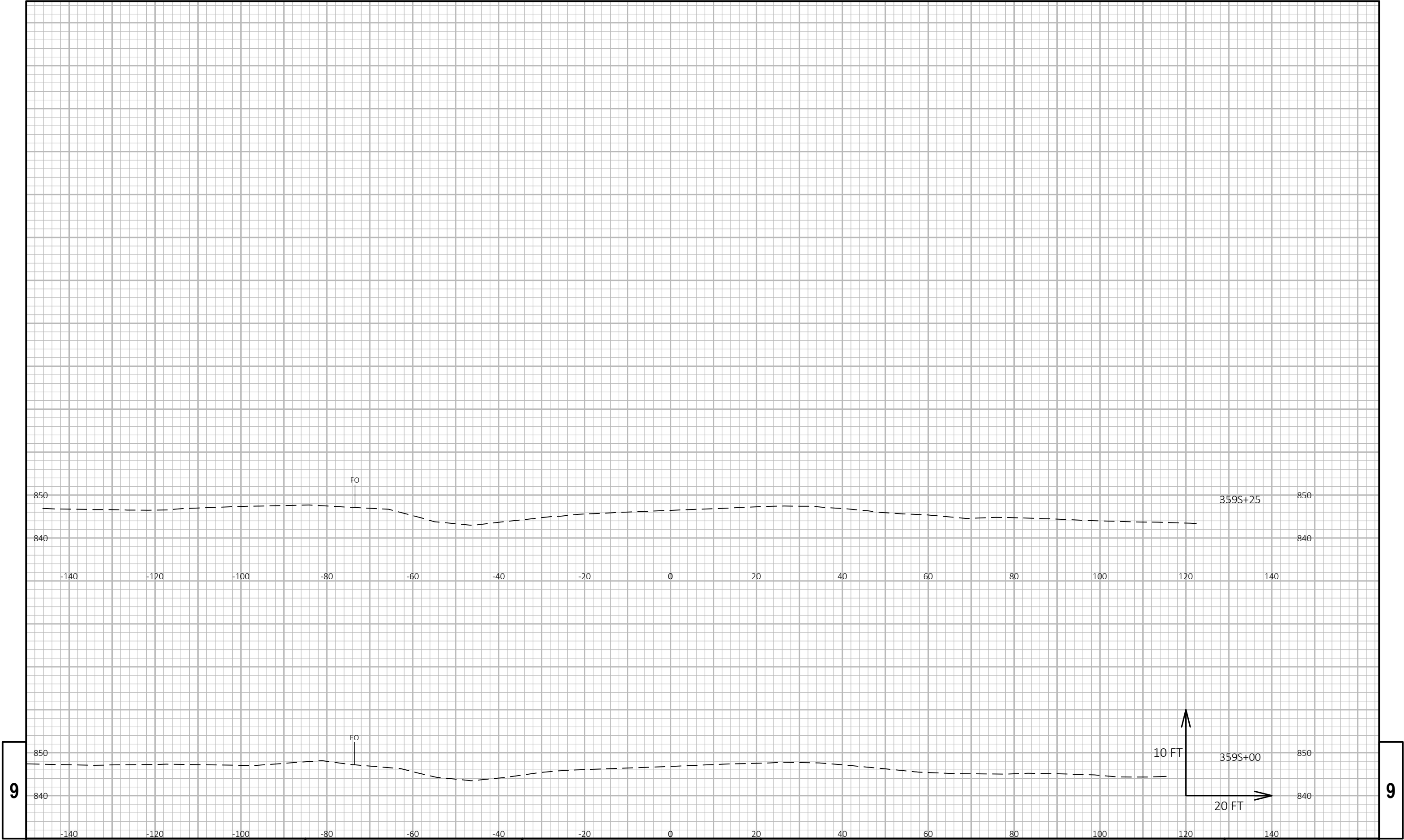




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PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	CROSS SECTIONS: USH 53 SB BG CROSS SECTIONS	SHEET E
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9

9

PROJECT NO: 1198-00-72	HWY: 53	COUNTY: DOUGLAS	CROSS SECTIONS: USH 53 SB BG CROSS SECTIONS	SHEET	E
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