

PROJECT ID: 1011-01-64

COUNTY: DANE COUNTY

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

A.A.D.T.	2019	=	61,300
A.A.D.T.			
D.H.V.			
D.D.			
T.			
DESIGN SPEED		=	70 MPH
ESALS			

CONVENTIONAL SYMBOLS

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

PROFILE	
GRADE LINE	---
ORIGINAL GROUND	---
MARSH OR ROCK PROFILE (To be noted as such)	---
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	---
96.36	---
95.36	---
E	---
FO	---
G	---
SAN	---
SS	---
T	---
W	---
T-07-N	---
T-08-N	---
T-09-N	---

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MADISON - PORTAGE

USH 151 TO RIVER ROAD (2 LOCATIONS)

IH 39

DANE COUNTY

STATE PROJECT NUMBER
1011-01-64

BEGIN PROJECT
STA. 732+20.00 'WB'
X=827227.40
Y=534528.13



NET EXCEPTION
760+70.00 - 351+21.00 'WB'

END PROJECT
STA. 354+45.88 'WB'
X=842681.02
Y=509706.59

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1011-01-64		

NORTH SECTION: 736+00 - 756+25
SOUTH SECTION: 351+21 - 354+45.88

Approved for the Design of
Utility Adjustments
11/15/2019

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	SW REGION
Designer	CODY KAMMERZELT
Project Manager	BRAD SCHULTZ, PE
Regional Examiner	SW REGION
Regional Supervisor	KARLA KNORR, PE

APPROVED FOR THE DEPARTMENT
DATE: 11/15/2019 Brad Schultz (Signature)

E

GENERAL NOTES

- THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.
- THE ENGINEER SHALL ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH THE EXISTING UTILITY FACILITIES.
- HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.
- 2-INCH HMA PAVEMENT SHALL BE CONSTRUCTED AS ONE 2-INCH LIFT OF HMA PAVEMENT TYPE 4HT 58-28H.
- 3.5-INCH HMA PAVEMENT SHALL BE CONSTRUCTED AS A SINGLE LIFT OF 4HT 58-28H.
- 5.5-INCH HMA PAVEMENT 4HT 58-28H (MAINTENANCE CROSSOVER) SHALL BE CONSTRUCTED AS 2-INCH PAVEMENT FOR THE UPPER LAYER AND 3.5-INCH PAVEMENT FOR THE LOWER LAYER.
- CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT NO COST TO THE DEPARTMENT.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND MULCHED OR SODDED AS DIRECTED BY THE ENGINEER.
- REMOVAL OF THE 5' CONCRETE FOOTING BENEATH THE CONCRETE BARRIER AND SUPERIMPOSED PAVEMENTS SHALL BE INCIDENTAL TO THE ITEM 204.0157 REMOVING CONCRETE BARRIER.
- OFFSET FOR INLETS ARE GIVEN TO THE CENTER OF STRUCTURE, AND RIM GRADES ARE SET TO CENTER OF THE GRATE.
- BENDS IN PIPE ARE INCIDENTAL
- USE REFERENCE STATIONING FOR I-90/94 EB & WB PER EXISTING AS-BUILTS

DNR LIAISON

ERIC HEGGELUND
ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST
WISCONSIN DEPT. OF NATURAL RESOURCES
SOUTH CENTRAL REGION
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UTILITY CONTACTS

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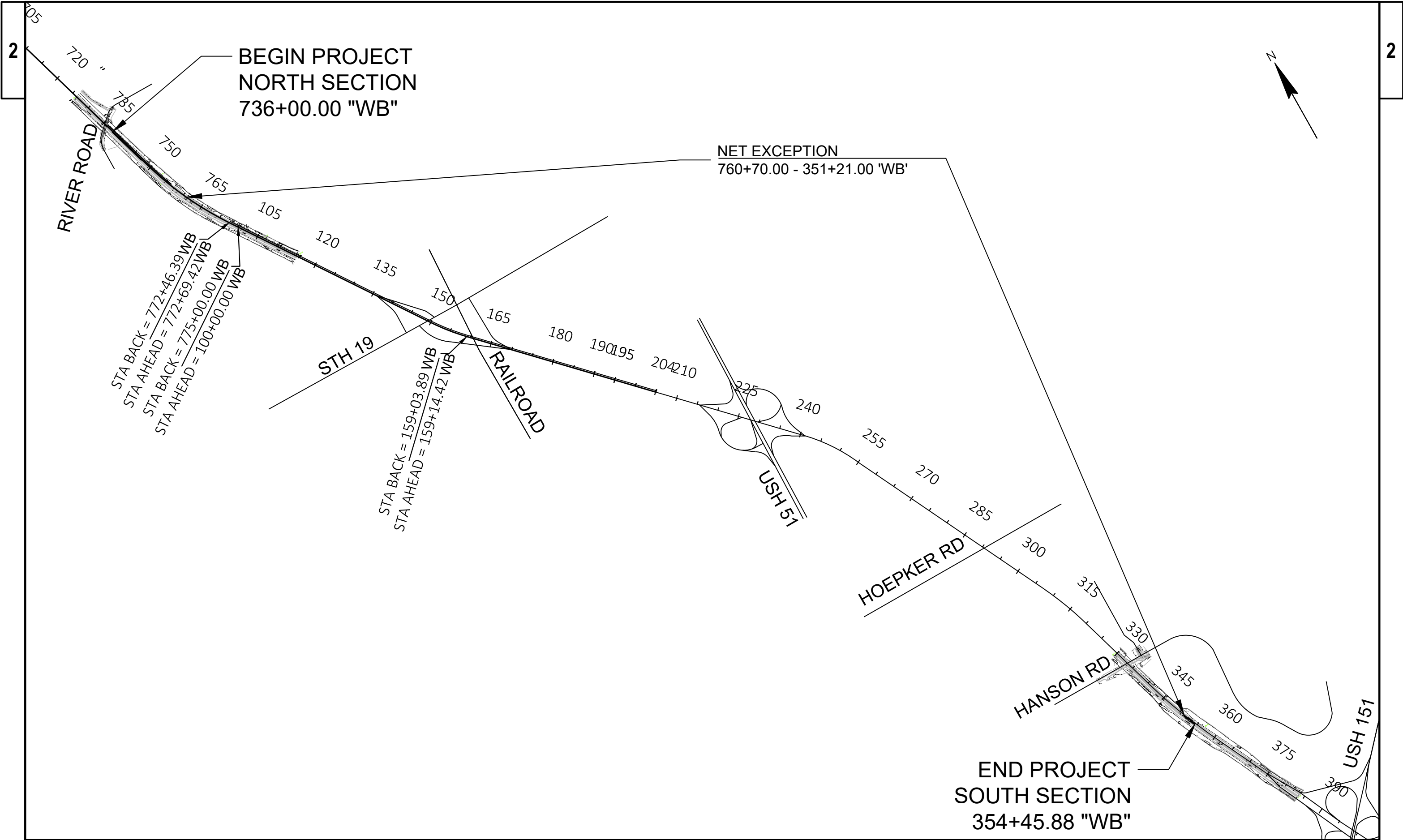
ERIC BECKER
WINDSTREAM KDL, LLC
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ERIC.BECKER@WINDSTREAM.COM

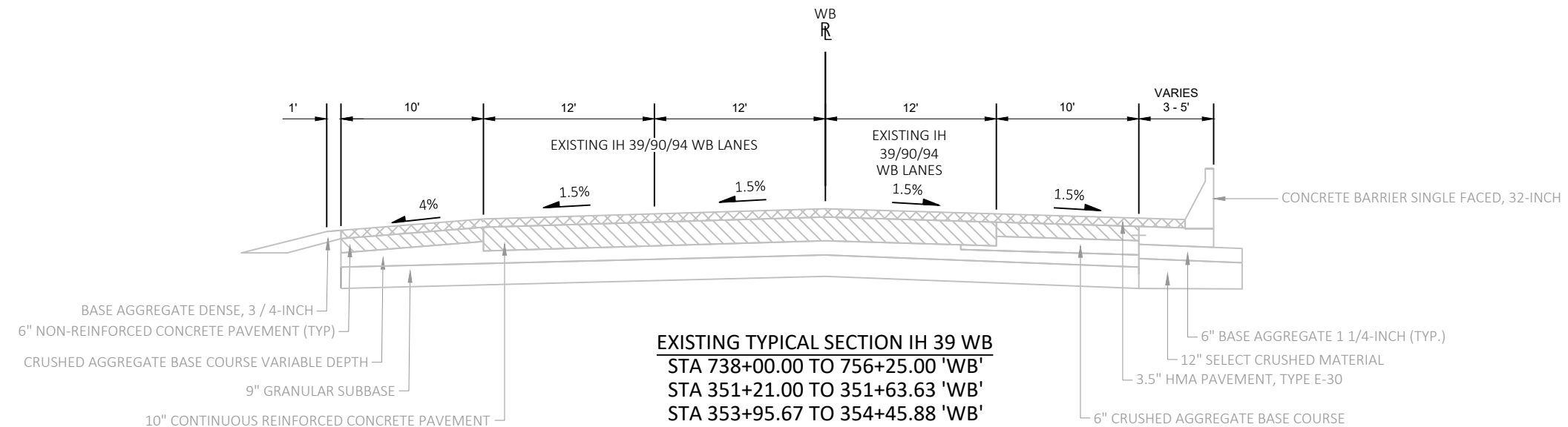
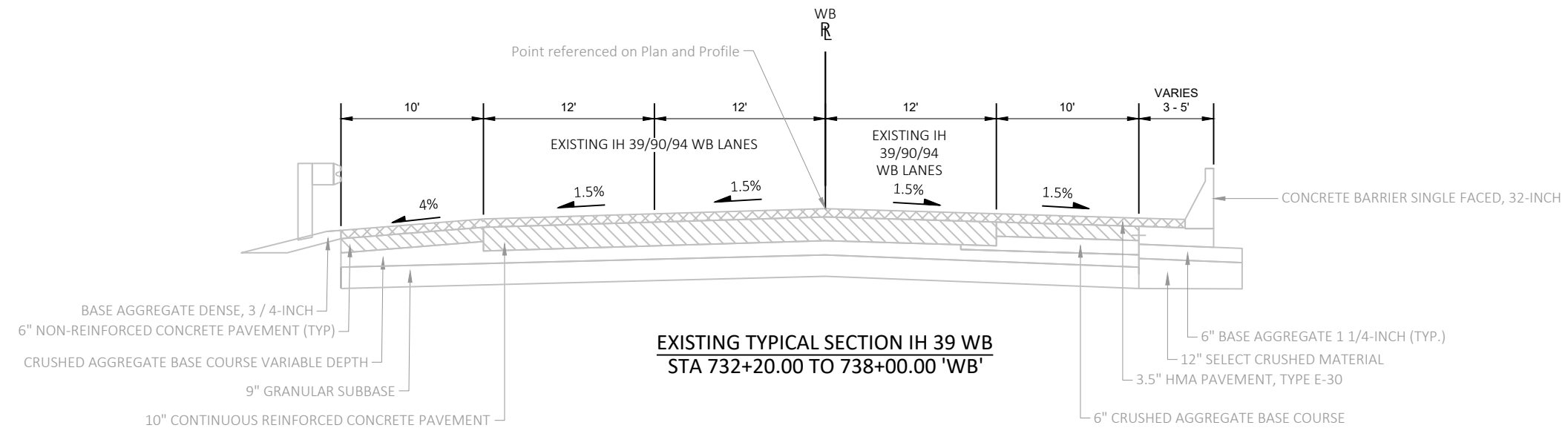
Chris Laeder
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210 MARTIN LUTHER KING JR BLVD RM 500
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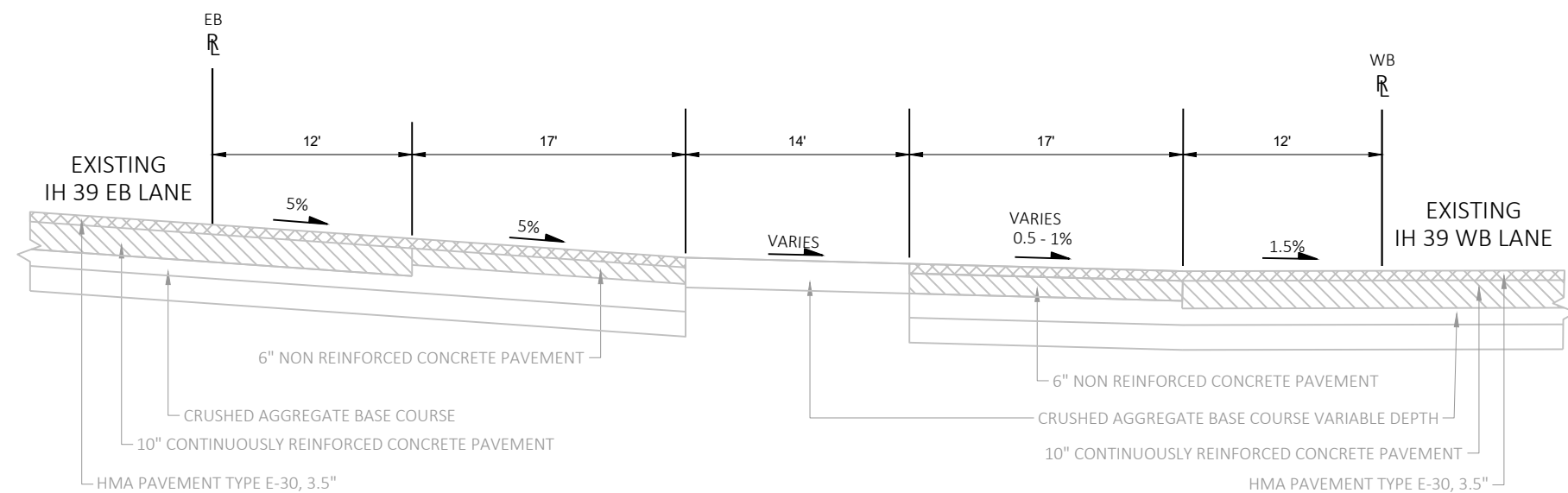
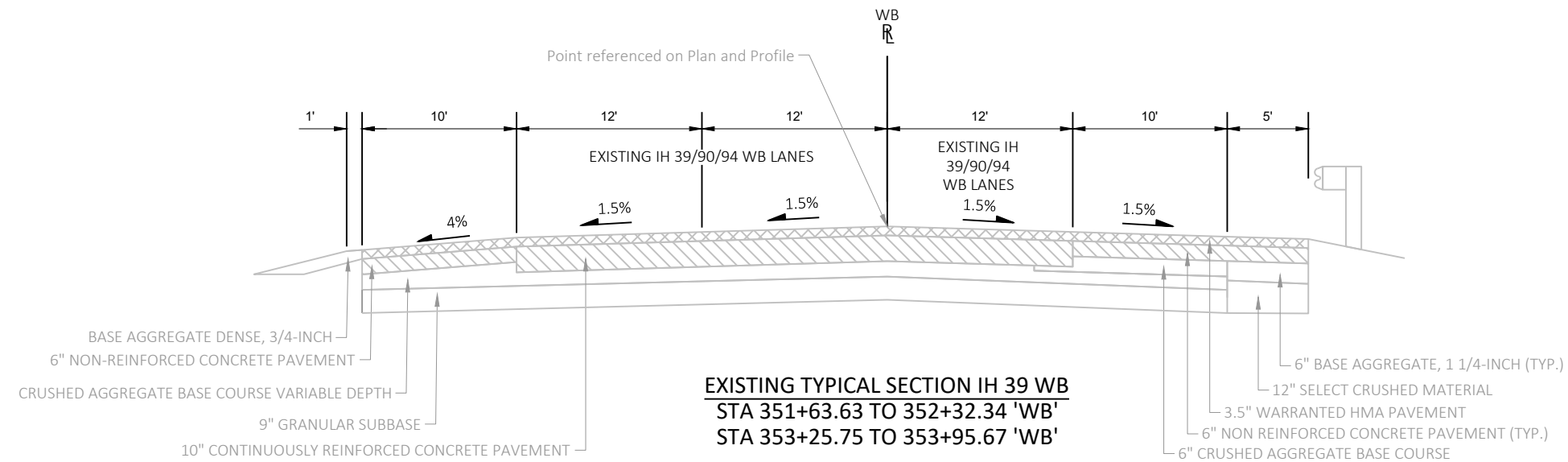
DAVE CHOATE
BEAR COM, LLC
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DCHOATE@BEARCOMMUNICATIONS.NET

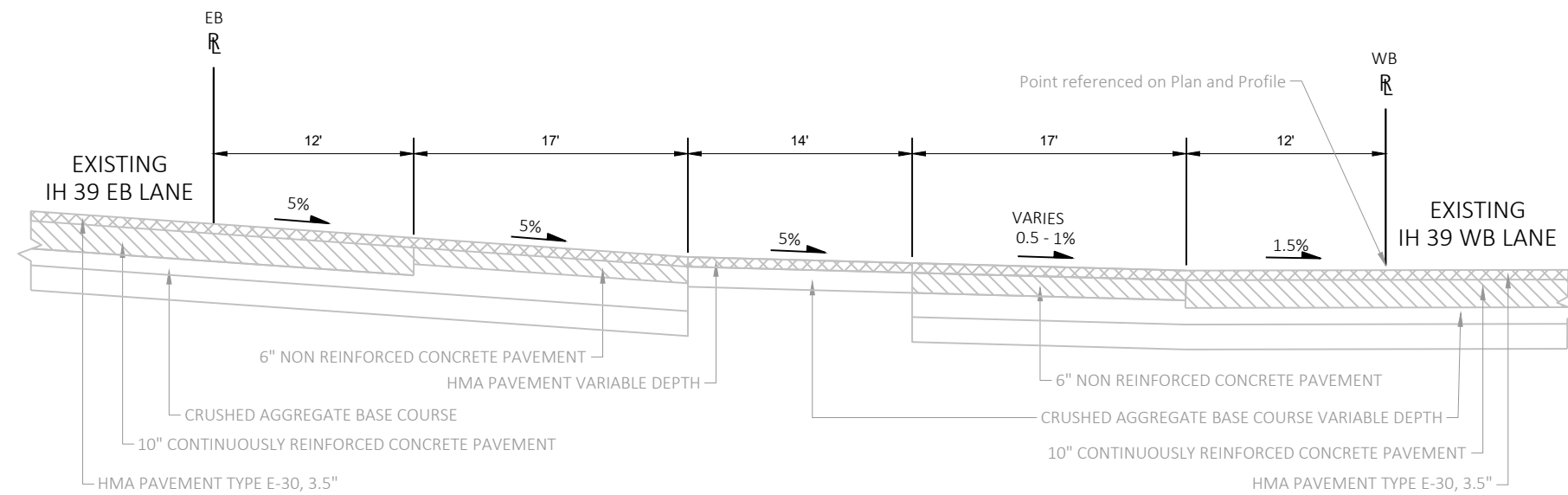
JEFF ERTL
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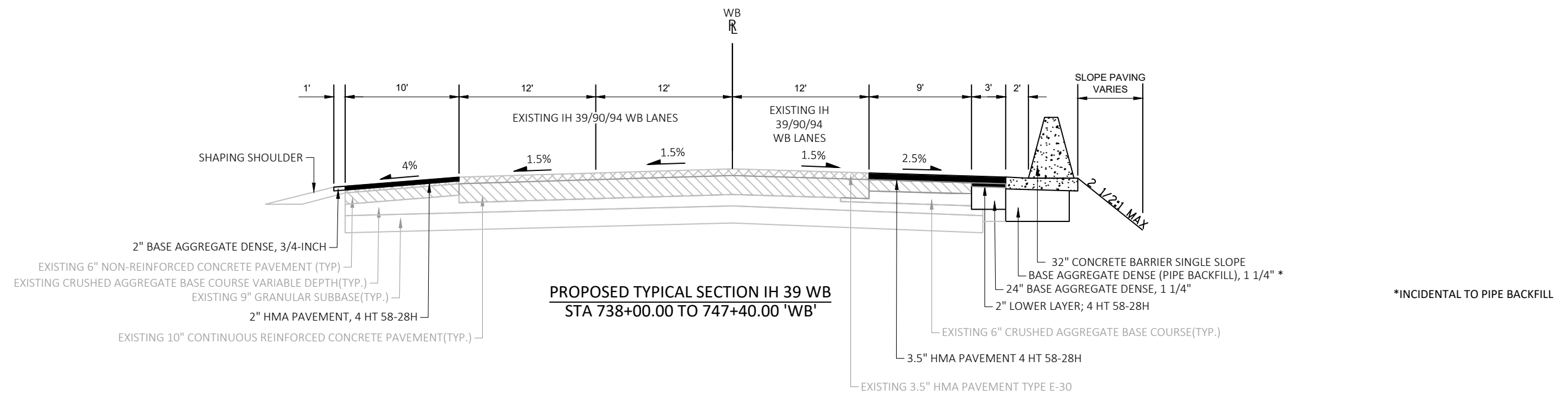
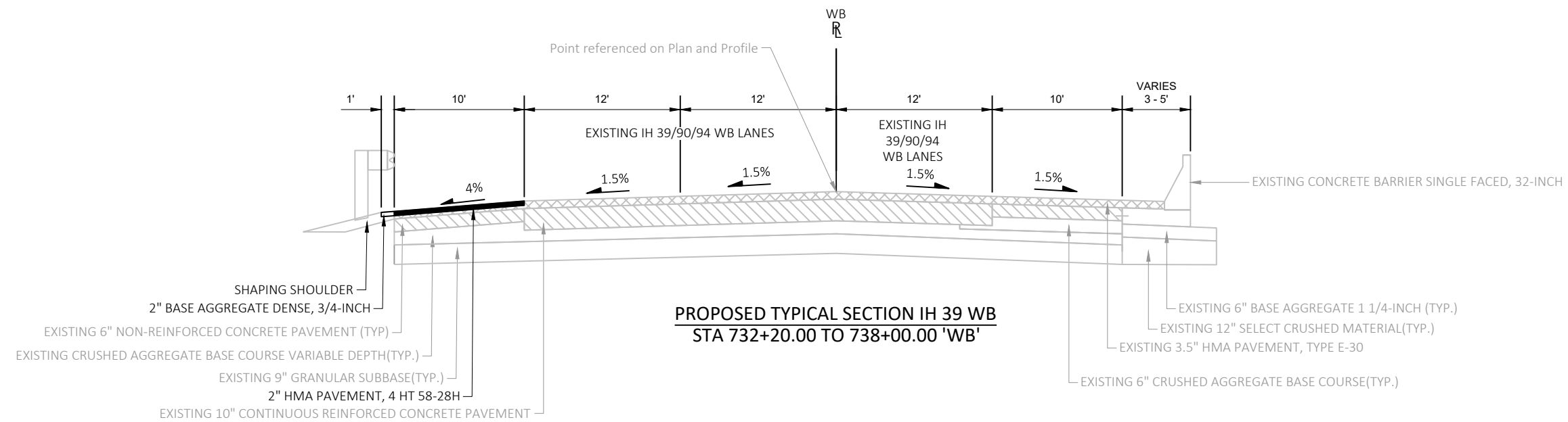


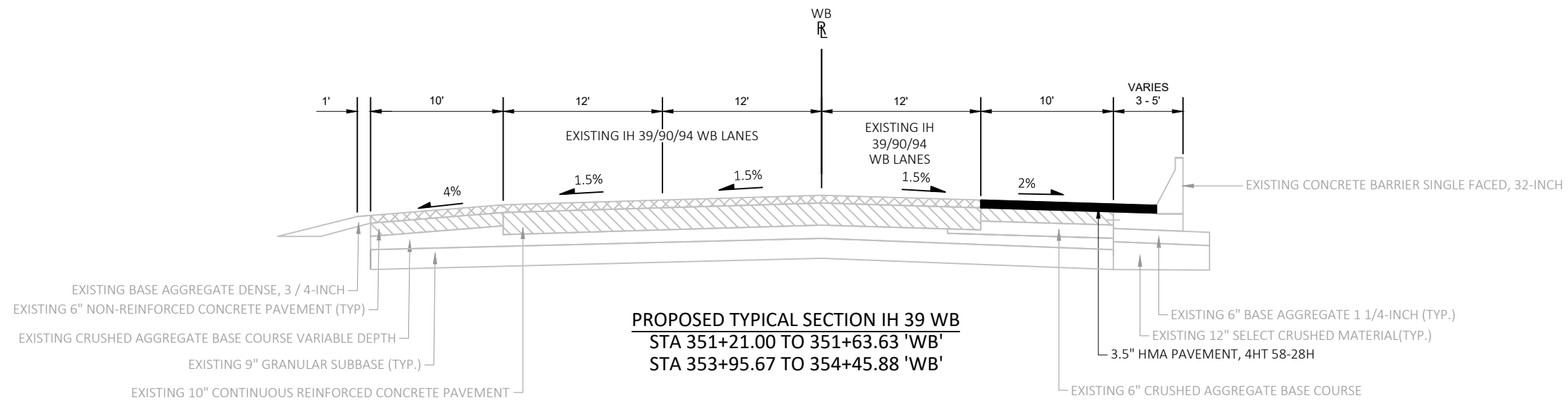
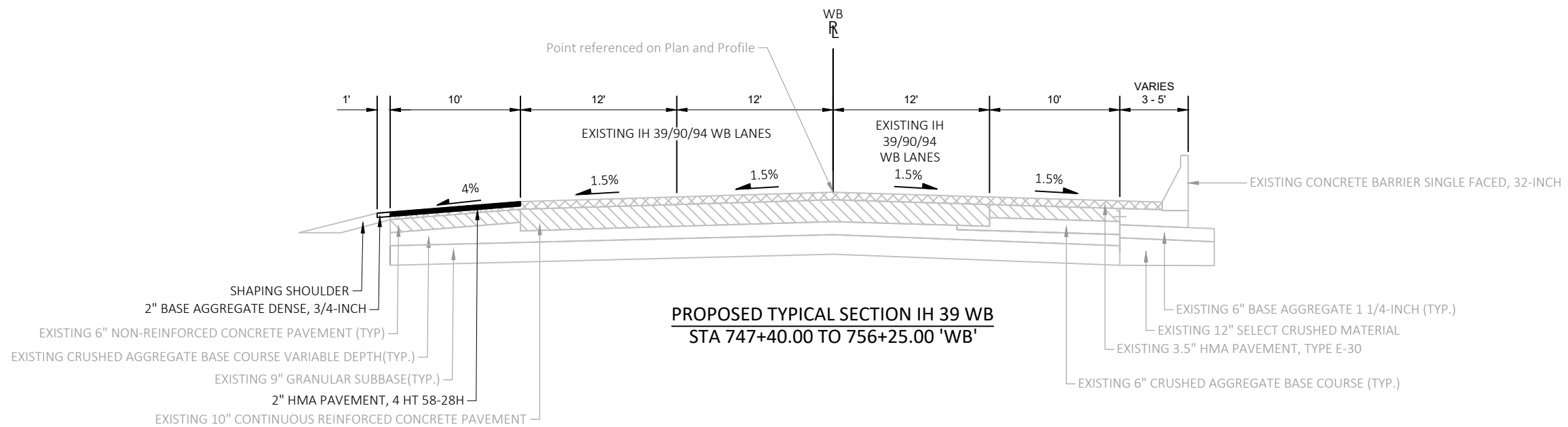


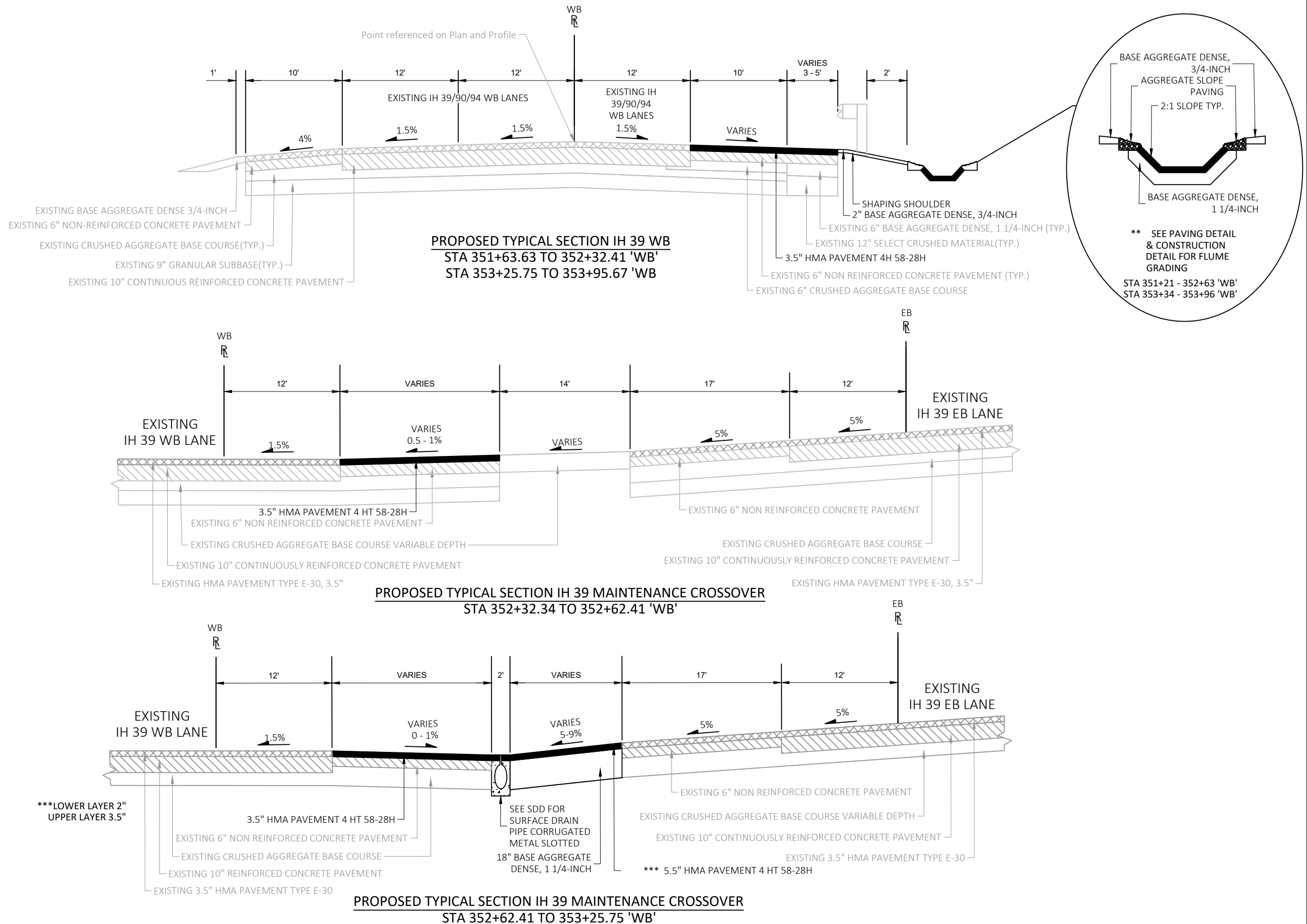


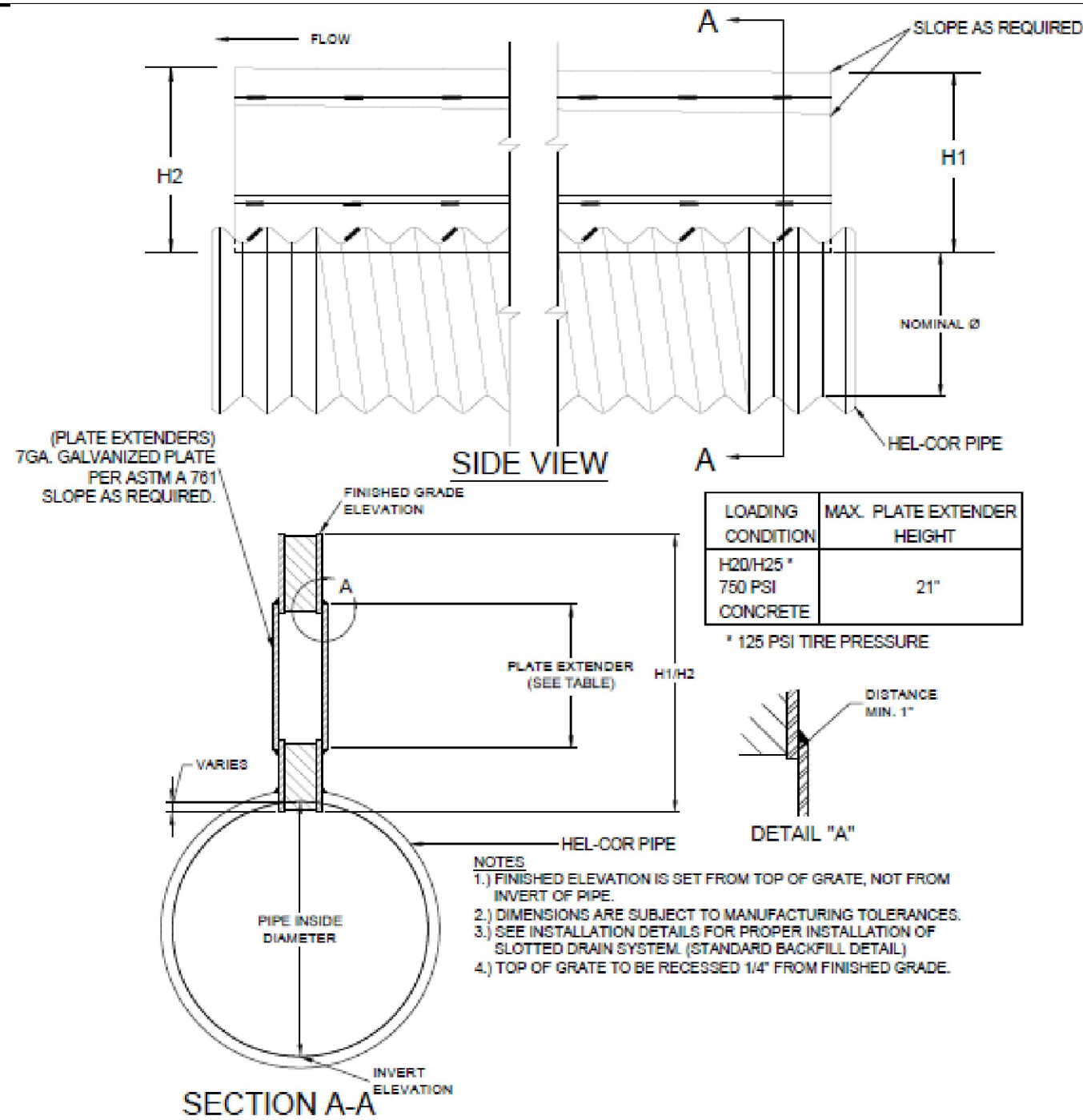


EXISTING TYPICAL SECTION IH 39 MAINTENANCE CROSSOVER
STA 352+62.41 TO 352+94.19 'WB'



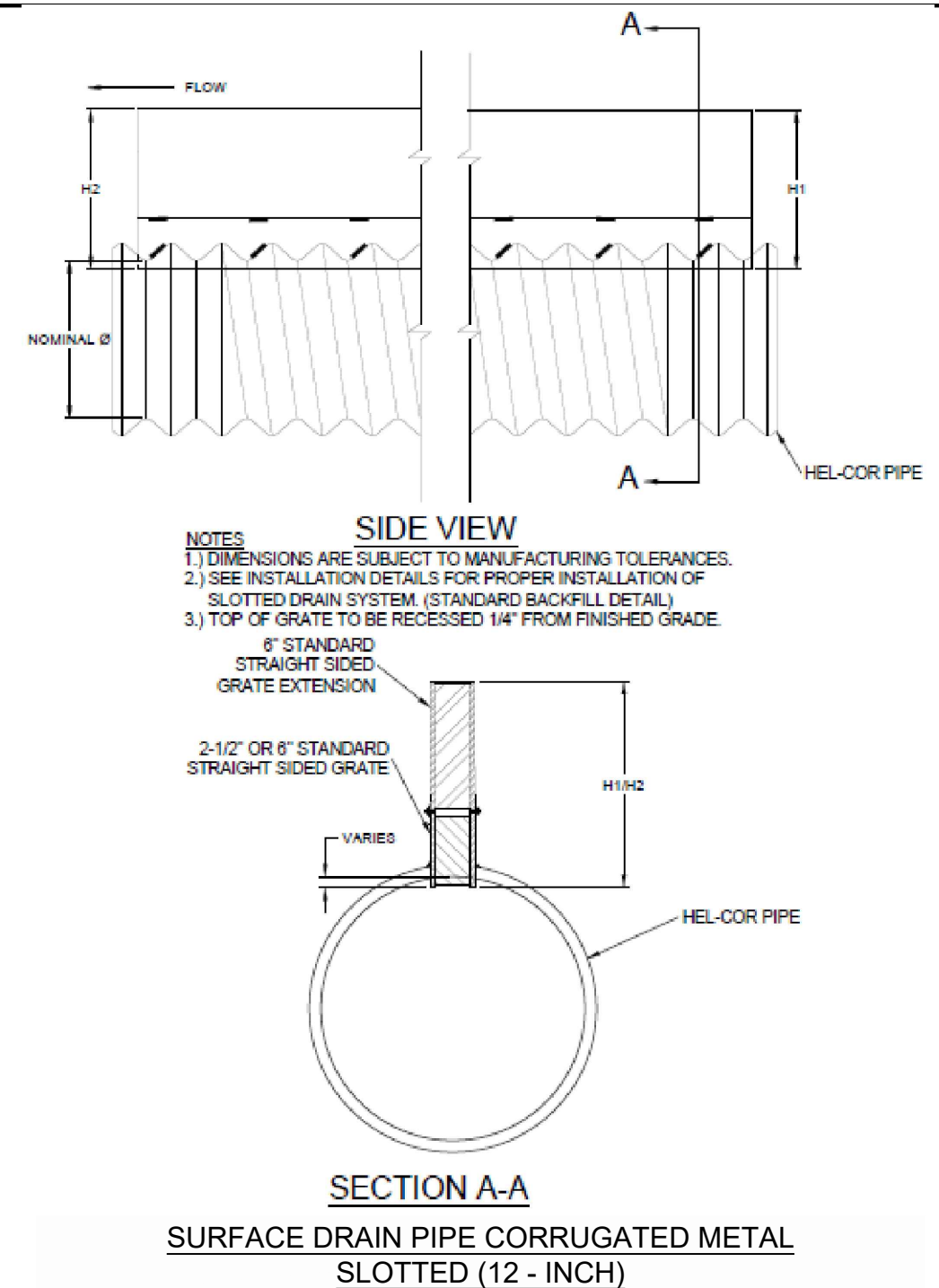






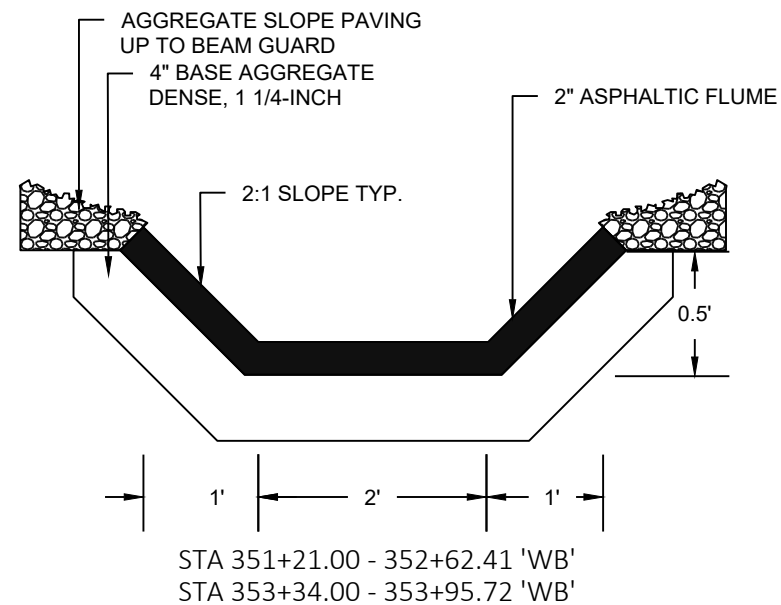
SURFACE DRAIN PIPE CORRUGATED METAL SLOTTED (12 - INCH)

Run #1 Pipe Schedule (15" Dia) Slotted Drain [STA 745+59]									
Pipe #	Pipe Length	Grate Height (H1)	Grate Height (H2)	Grate Length	Top Grate	Bottom Grate	High End Elev of Pipe	Lower End Elev of Pipe	Slope
101	12'-0"	0'-6"	0'-8"	9'-10"	0'-6"	0'-6"	900.13	899.84	2.50%
Run #2 Pipe Schedule (15" Dia) Slotted Drain [STA 746+91]									
201	12'-0"	0'-6"	1'-0"	9'-10"	0'-6"	0'-6"	898.54	898.25	2.50%

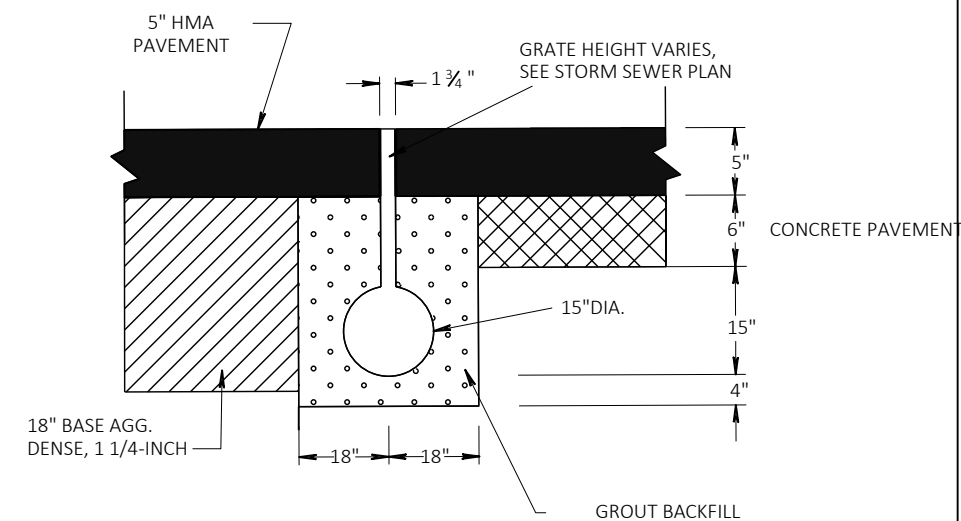
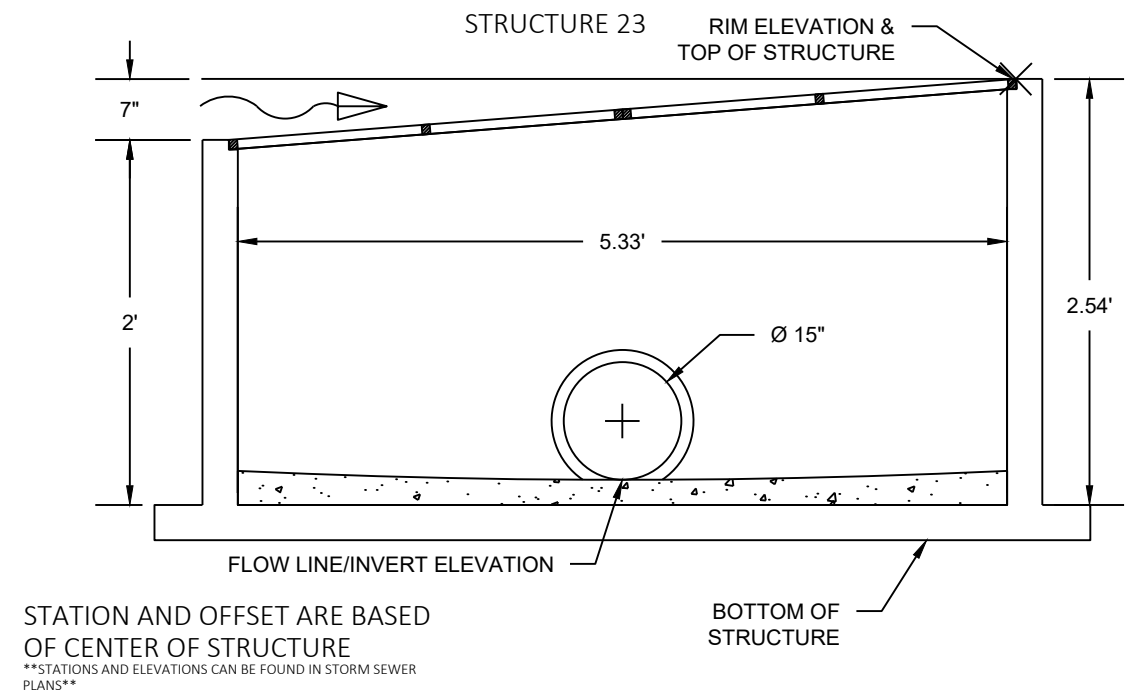


Run #3 Pipe Schedule (15" Dia) Slotted Drain [STA 352+62.58 to STA 353+23.09]									
Pipe #	Pipe Length	Grate Height (H1)	Grate Height (H2)	Grate Length	Top Grate	Bottom Grate	Higher End Elev of Pipe flowline	Lower End Elev of Pipe flowline	Slope
301	20'-0"	0'-6"	0'-8"	19'-10"	0'-6"	0'-6"	891.16	891.00	0.79%
302	20'-0"	0'-8"	0'-10"	19'-10"	0'-6"	0'-6"	891.00	890.84	0.79%
303	20'-0"	0'-10"	1'-0"	19'-10"	0'-6"	0'-6"	890.84	890.68	0.79%

TYPICAL ASPHALTIC FLUME CROSS SECTION



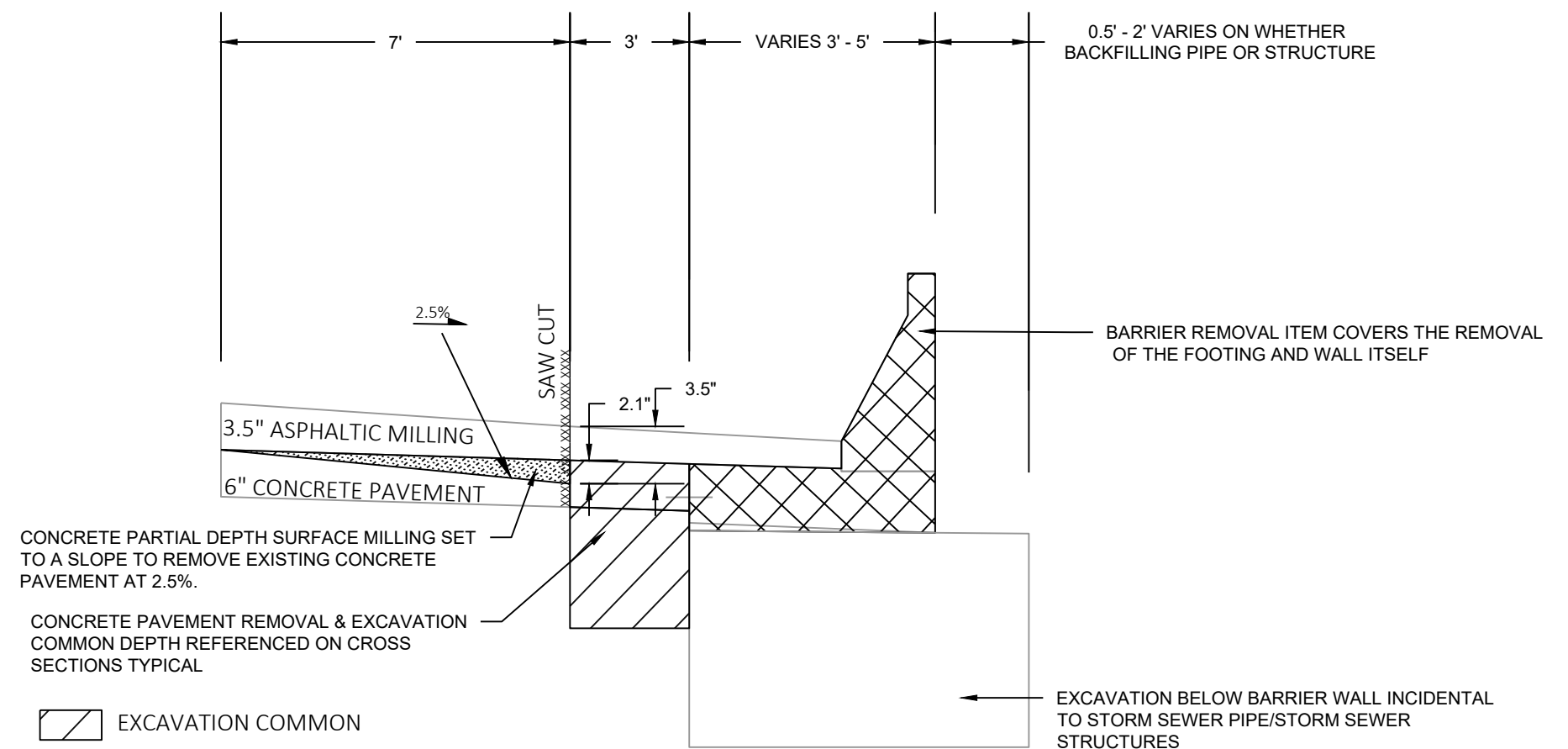
STANDARD TYPE 2 MEDIAN INLET



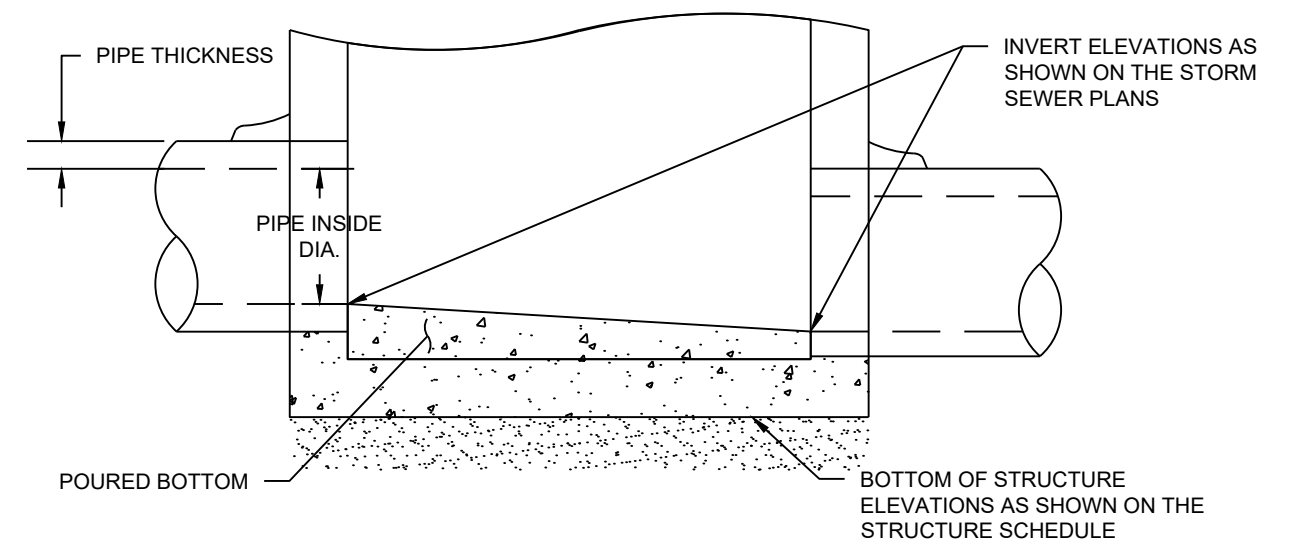
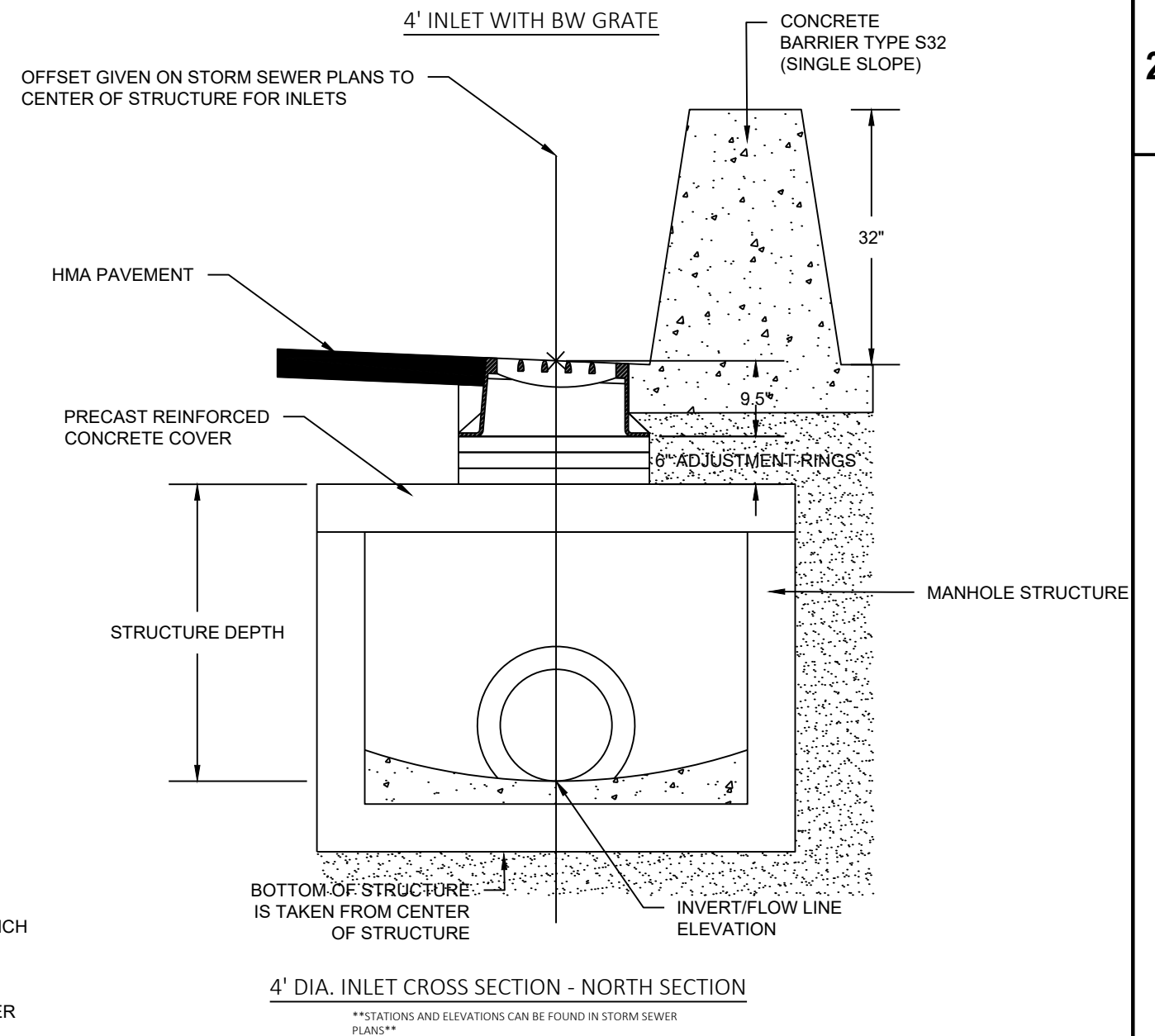
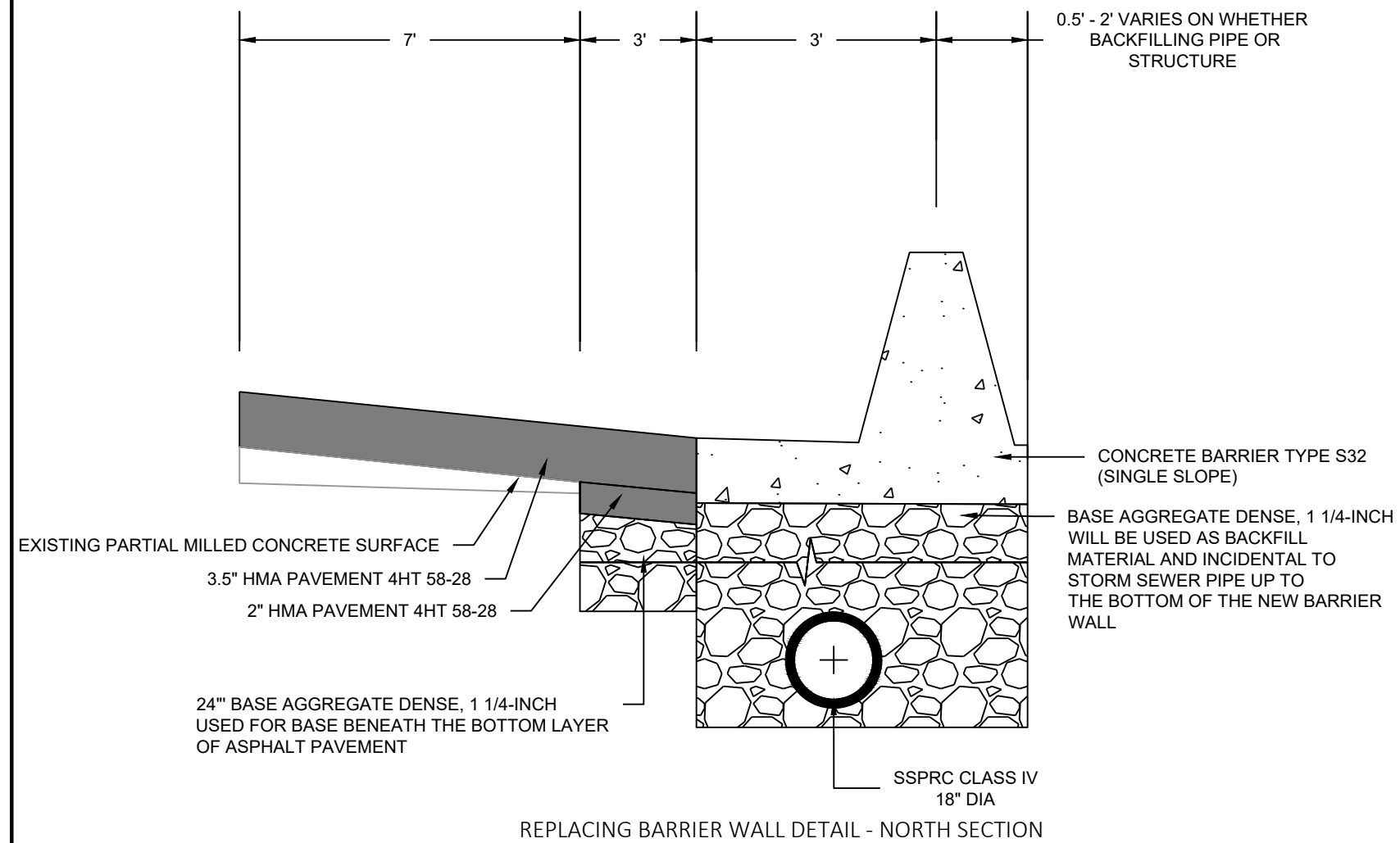
SURFACE DRAIN PIPE CORRUGATED METAL SLOTTED

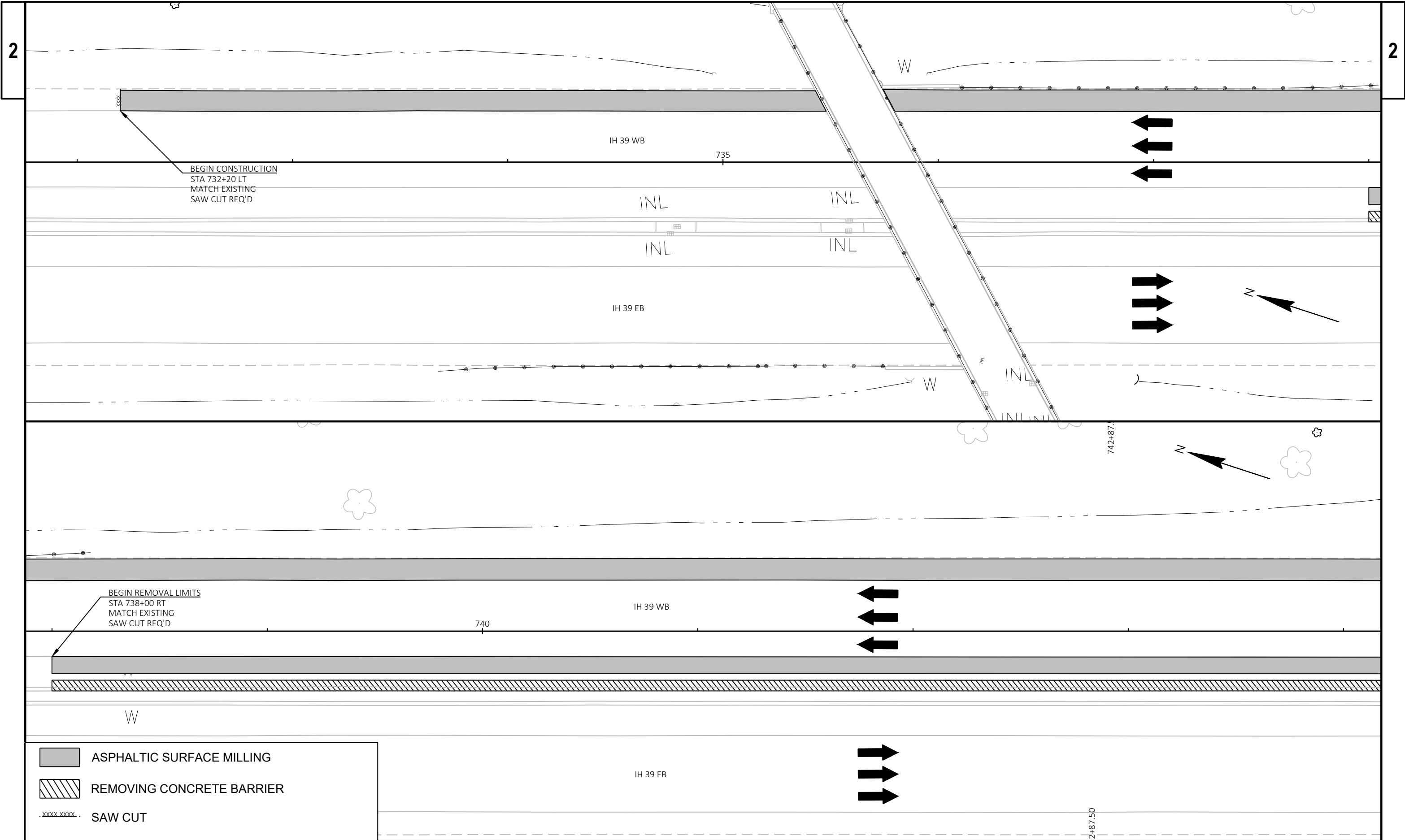
NOTE: DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL
DRAWINGS FOR SLOTTED CORRUGATED METAL PIPE SURFACE DRAINS.

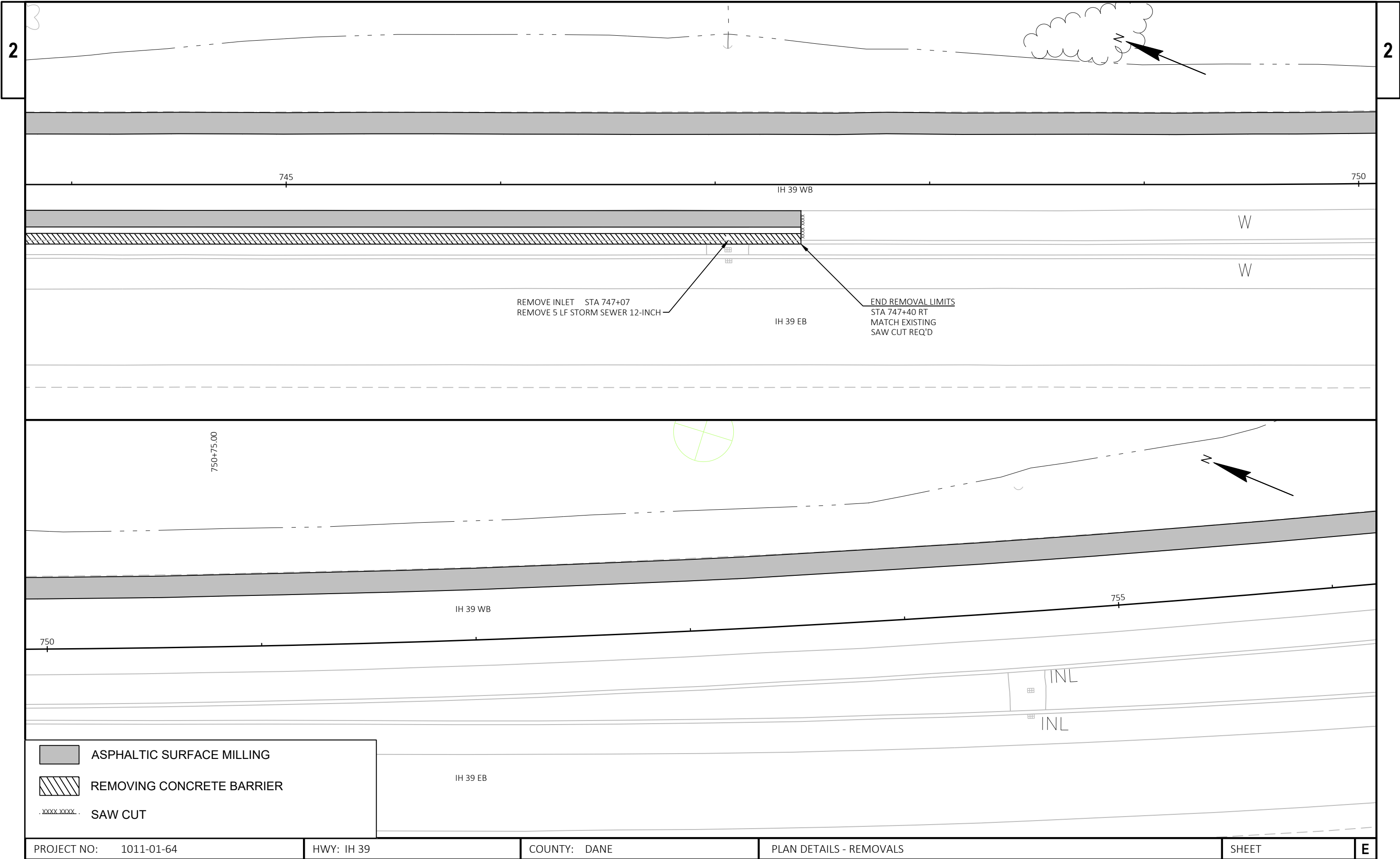
STA 352+62 - 353+23

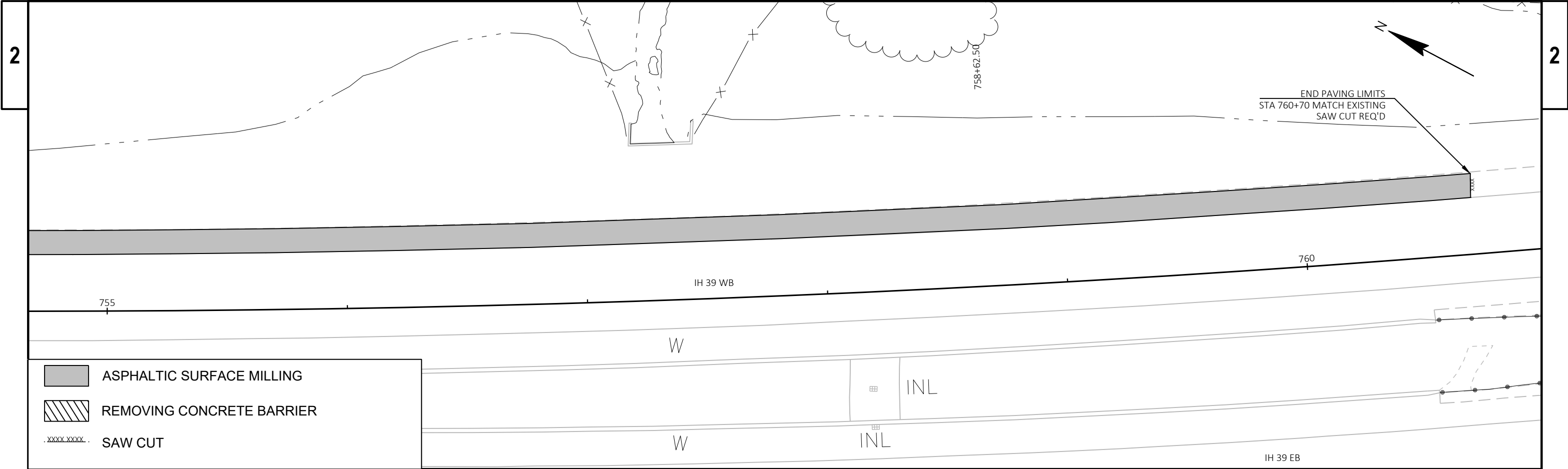


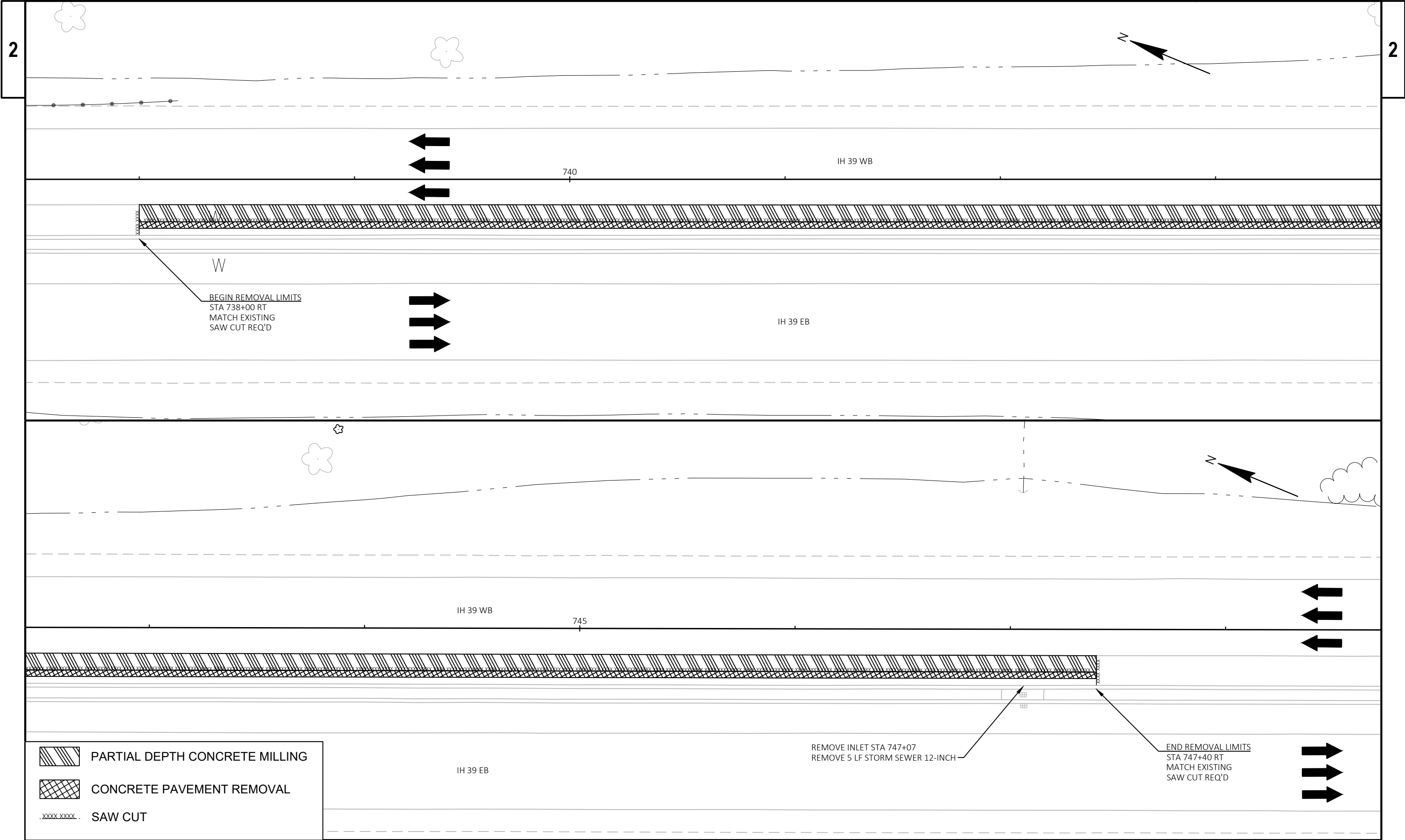
REMOVING BARRIER WALL DETAIL - NORTH SECTION

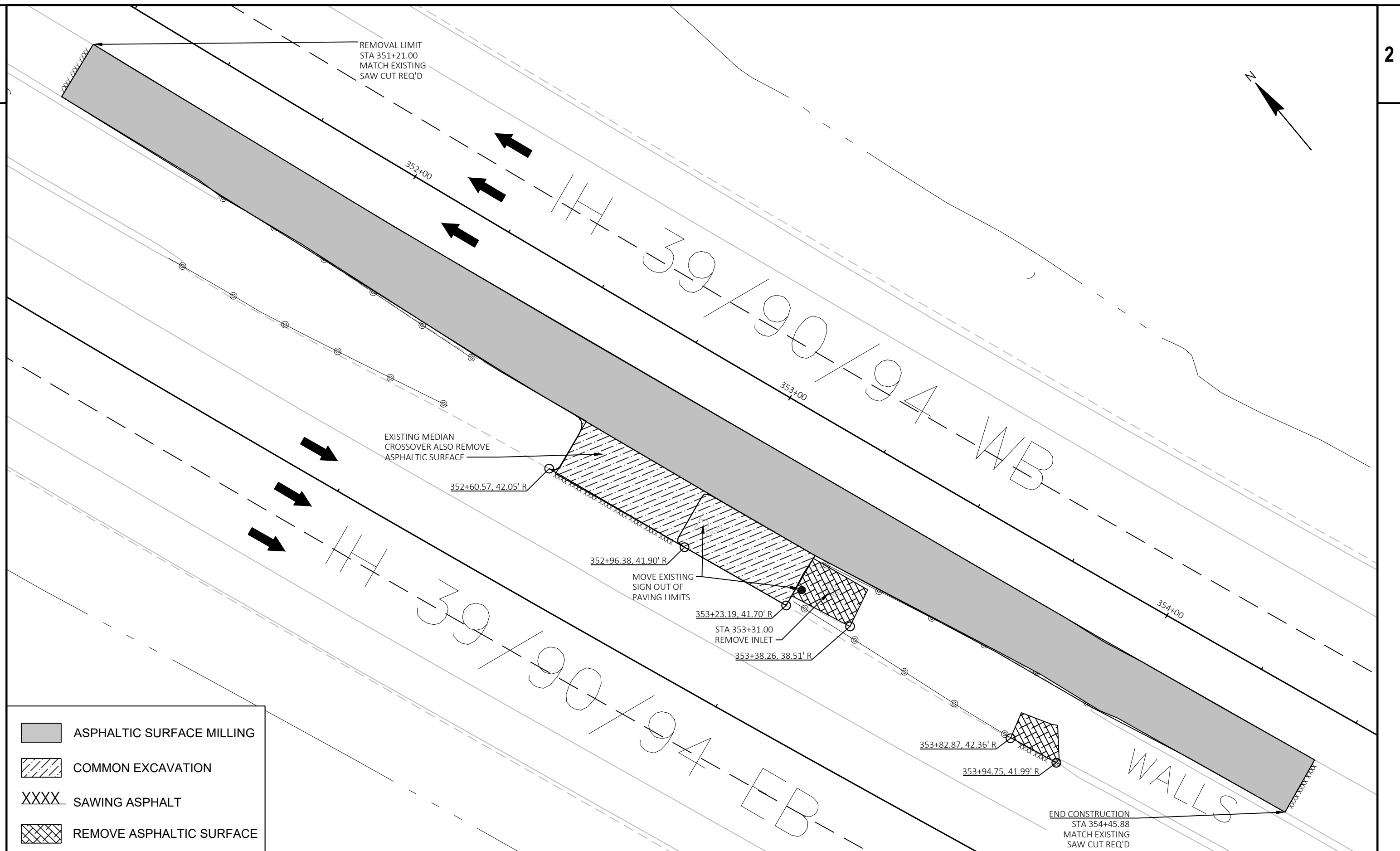












PROJECT NO: 1011-01-64

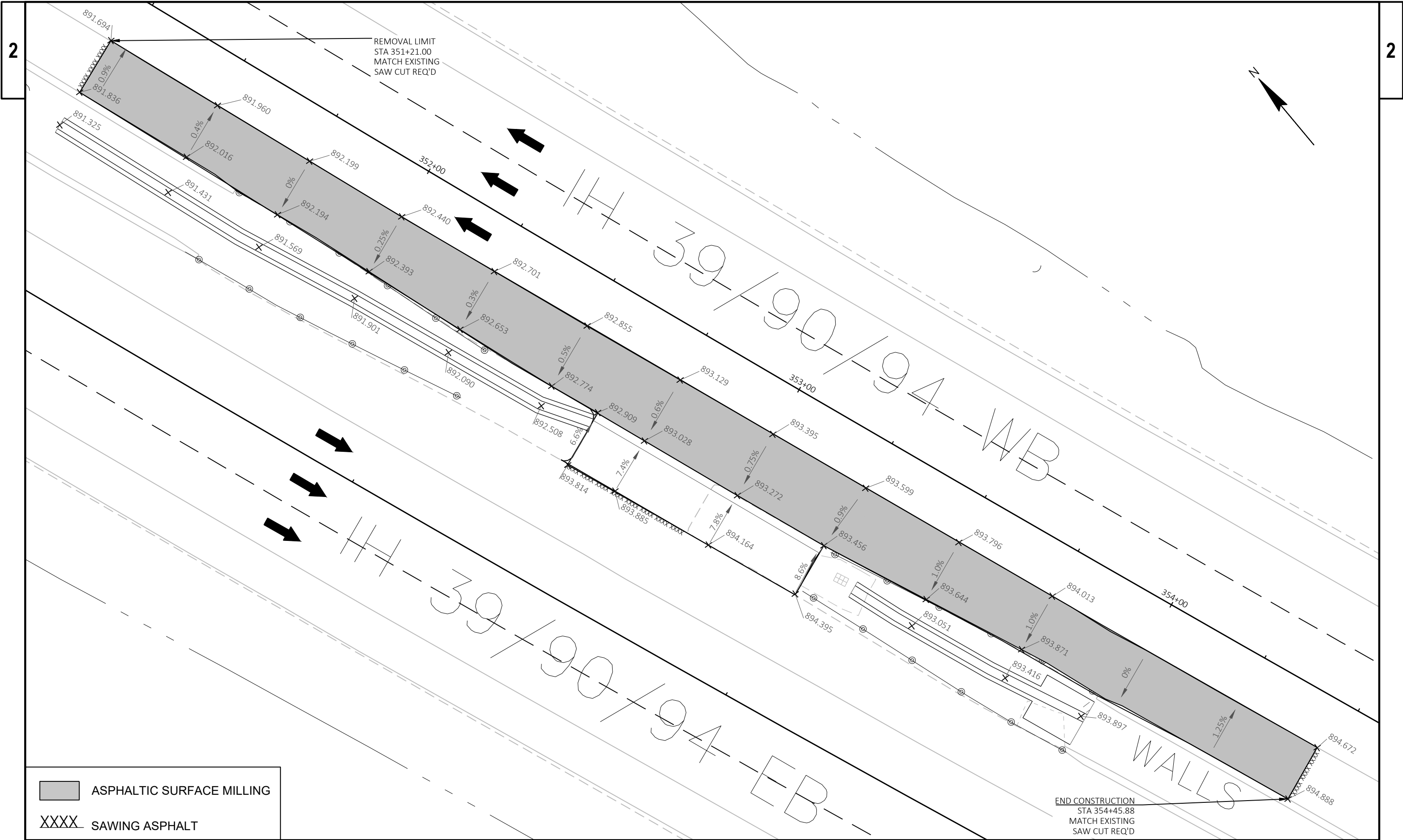
HWY: IH 39

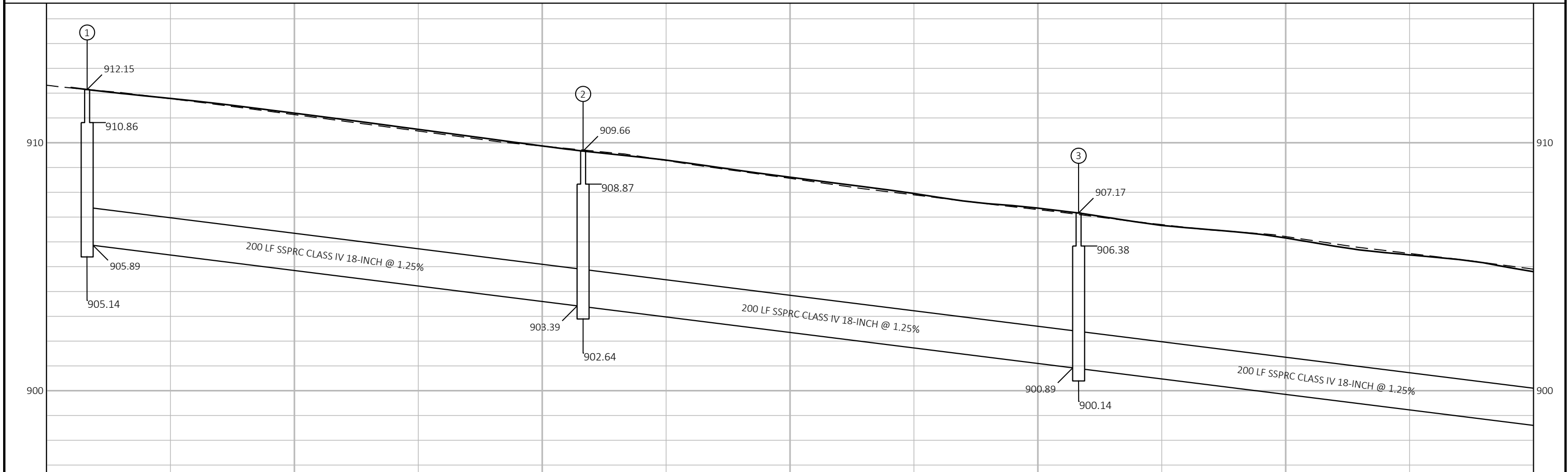
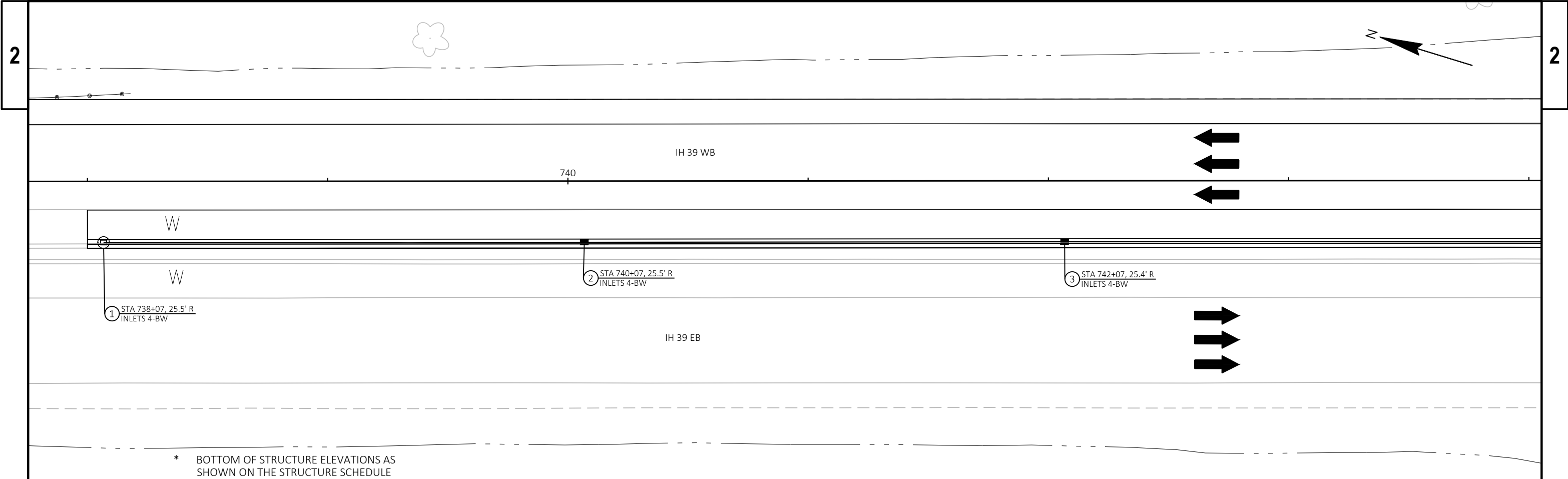
COUNTY: DANE

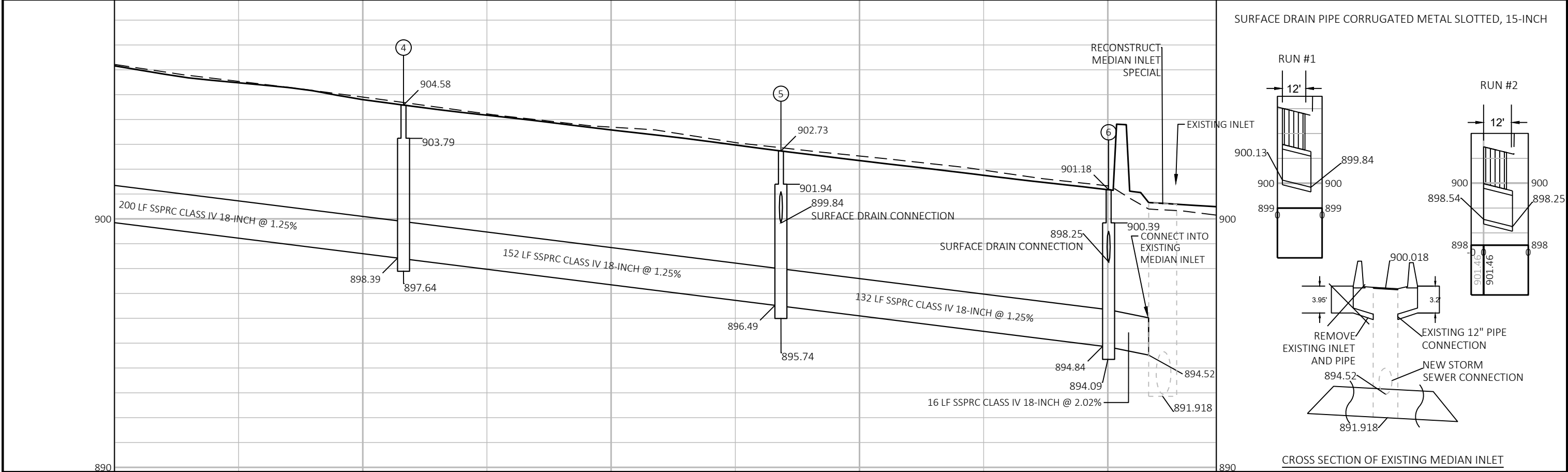
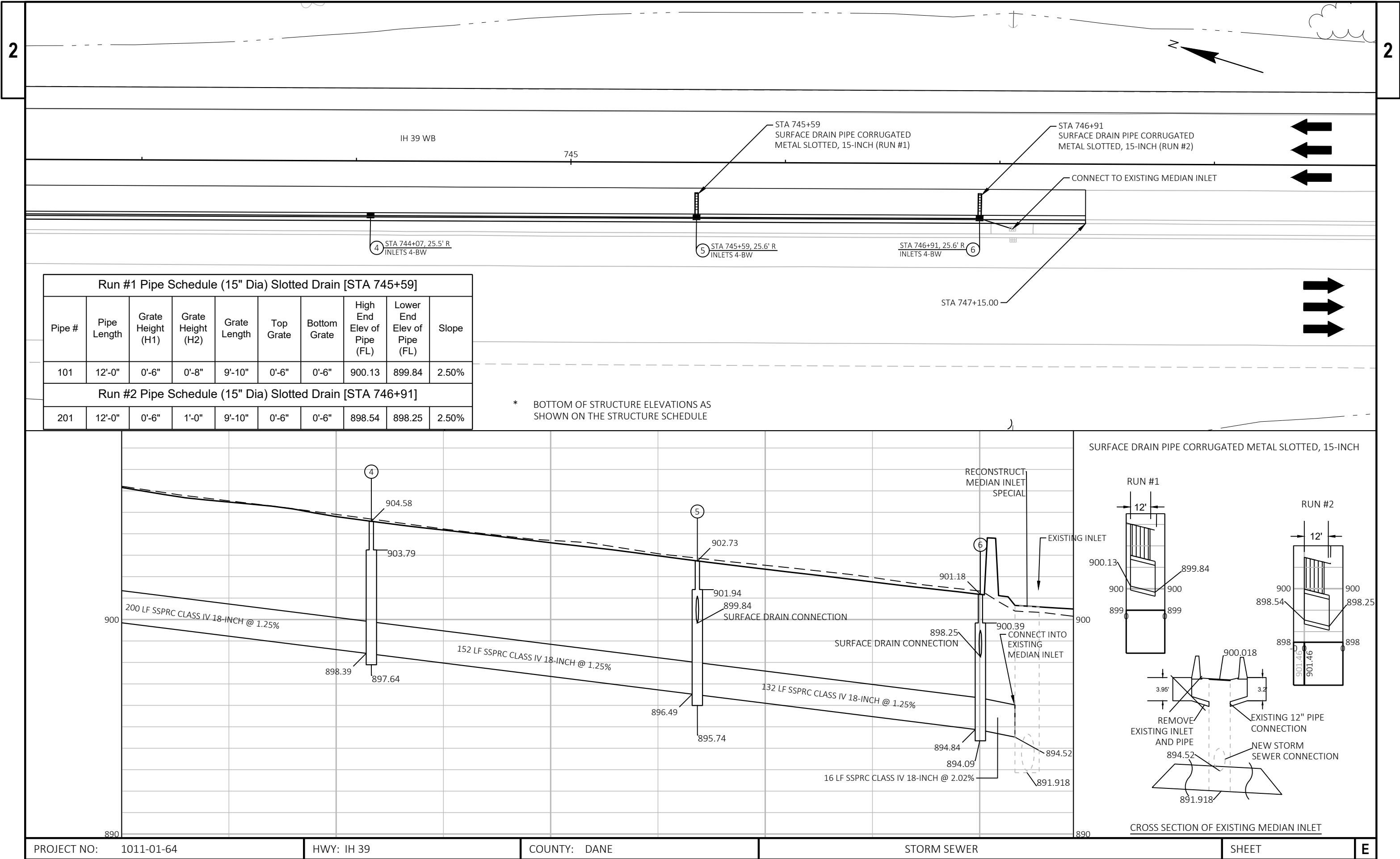
PLAN DETAILS - REMOVALS

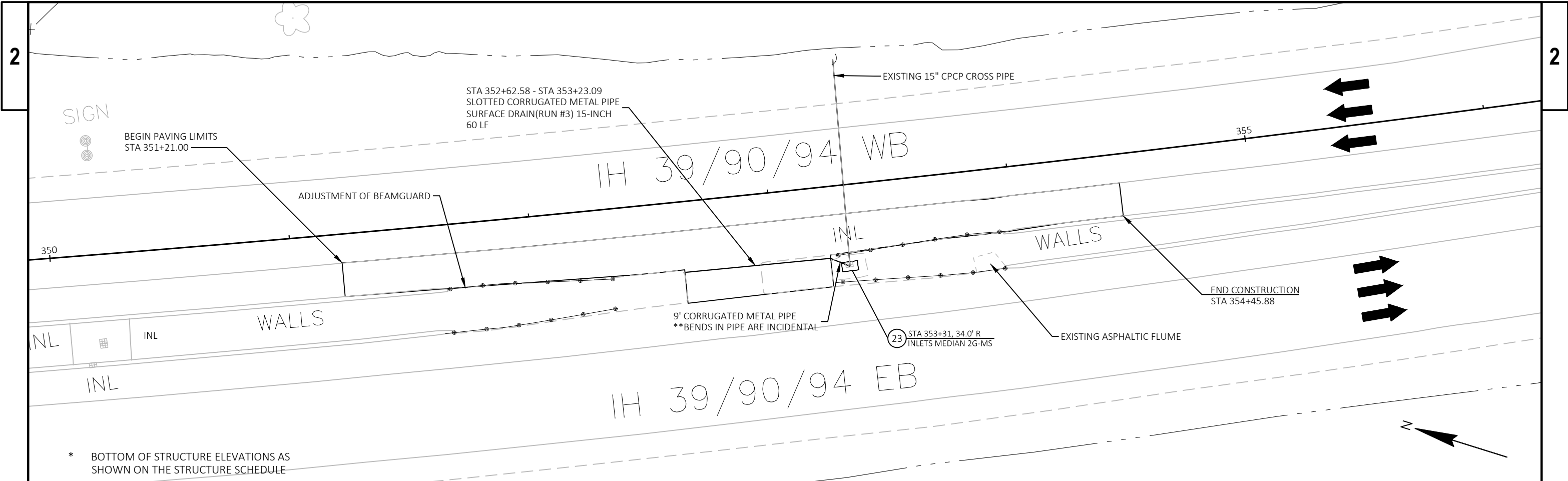
SHEET

E





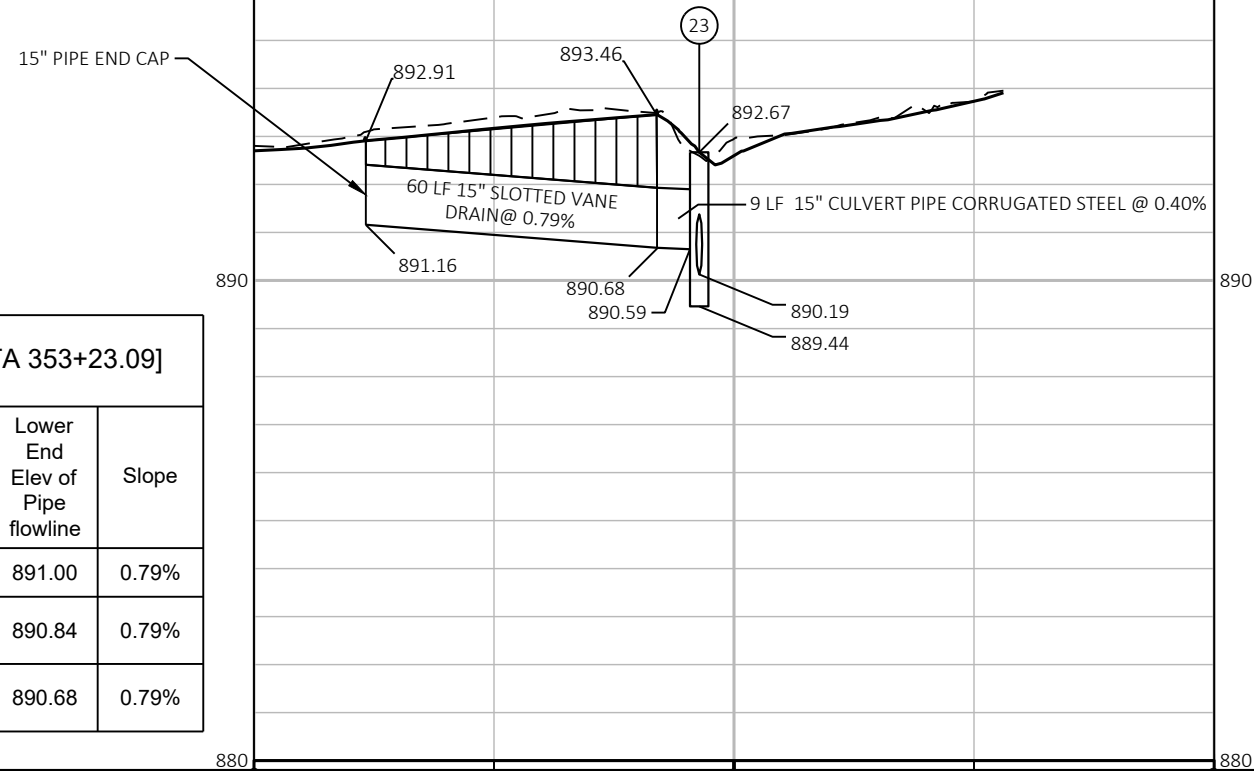




* BOTTOM OF STRUCTURE ELEVATIONS AS SHOWN ON THE STRUCTURE SCHEDULE

Run #3 Pipe Schedule (15" Dia) Slotted Drain [STA 352+62.58 to STA 353+23.09]									
Pipe #	Pipe Length	Grate Height (H1)	Grate Height (H2)	Grate Length	Top Grate	Bottom Grate	Higher End Elev of Pipe flowline	Lower End Elev of Pipe flowline	Slope
301	20'-0"	0'-6"	0'-8"	19'-10"	0'-6"	0'-6"	891.16	891.00	0.79%
302	20'-0"	0'-8"	0'-10"	19'-10"	0'-6"	0'-6"	891.00	890.84	0.79%
303	20'-0"	0'-10"	1'-0"	19'-10"	0'-6"	0'-6"	890.84	890.68	0.79%

**PIPE RUN ORDER WILL GO FROM NORTH TO SOUTH



- 1 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE
- 2 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW
- E EXISTING PAVEMENT MARKING

STAGE 1A

I-30/90/94 WESTBOUND (NORTHBOUND)
TRAFFIC PATTERN
- OPEN INSIDE AND OUTSIDE LANE
- CLOSED OUTSIDE LANE AND SHOULDER

CONSTRUCTION
- MILL AND PAVED OUTSIDE SHOULDER
- CONSTRUCT TEMPORARY MARKING LINE

I-39/90/94 EASTBOUND (SOUTHBOUND)
TRAFFIC PATTERN
- OPEN ALL LANES

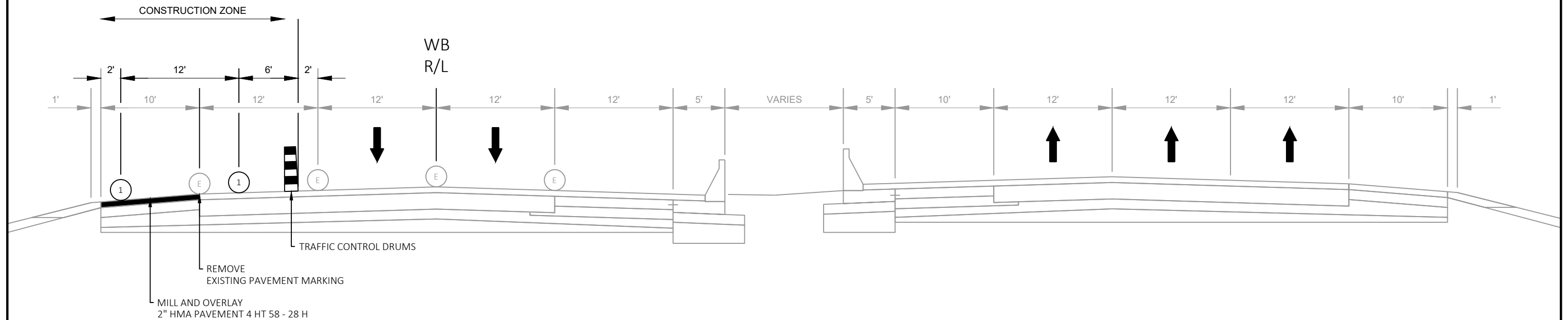
NO CONSTRUCTION

GENERAL NOTES (REFER TO SDD 15D14 FOR ADDITIONAL INFORMATION)

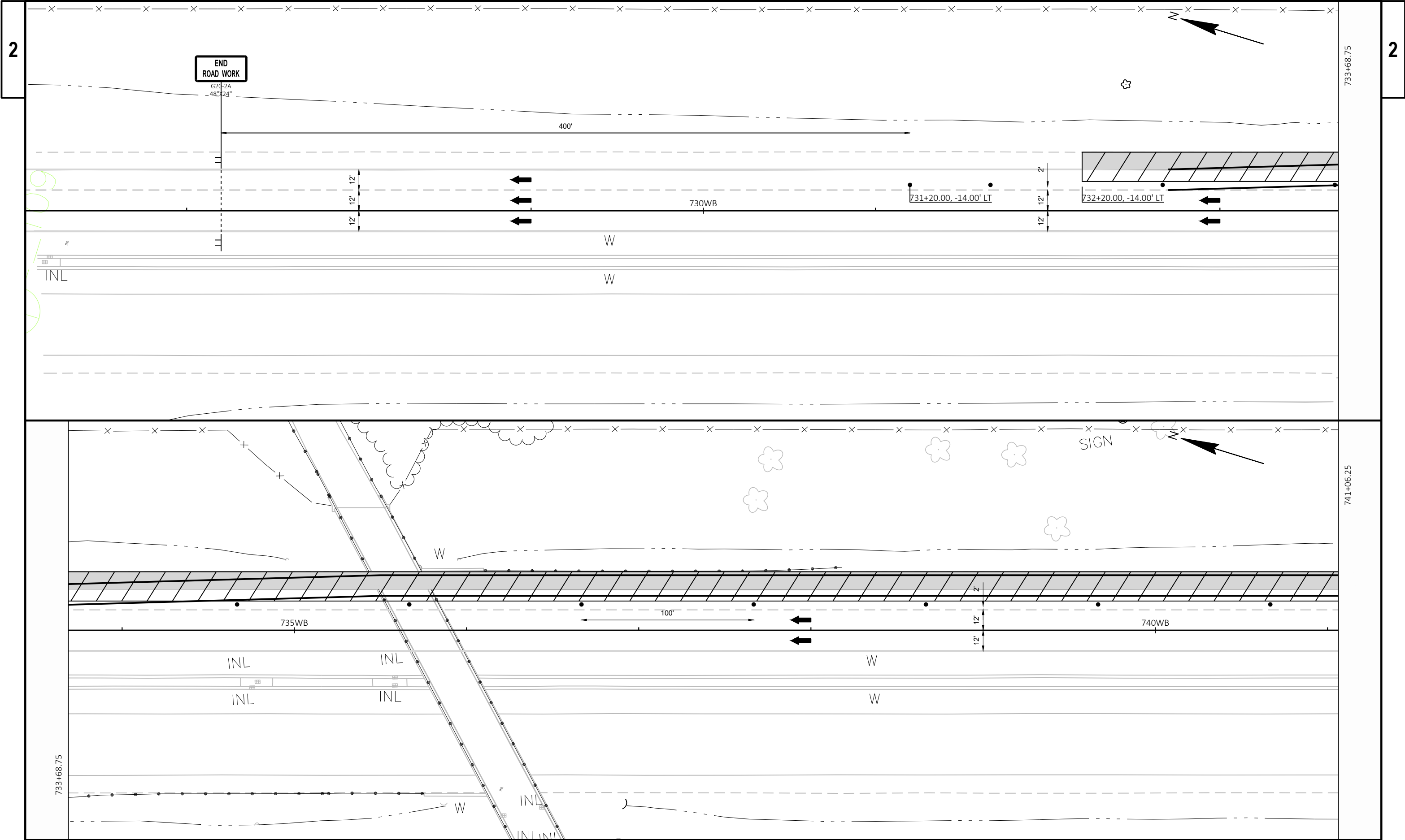
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHALL BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
- ALL SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.
- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

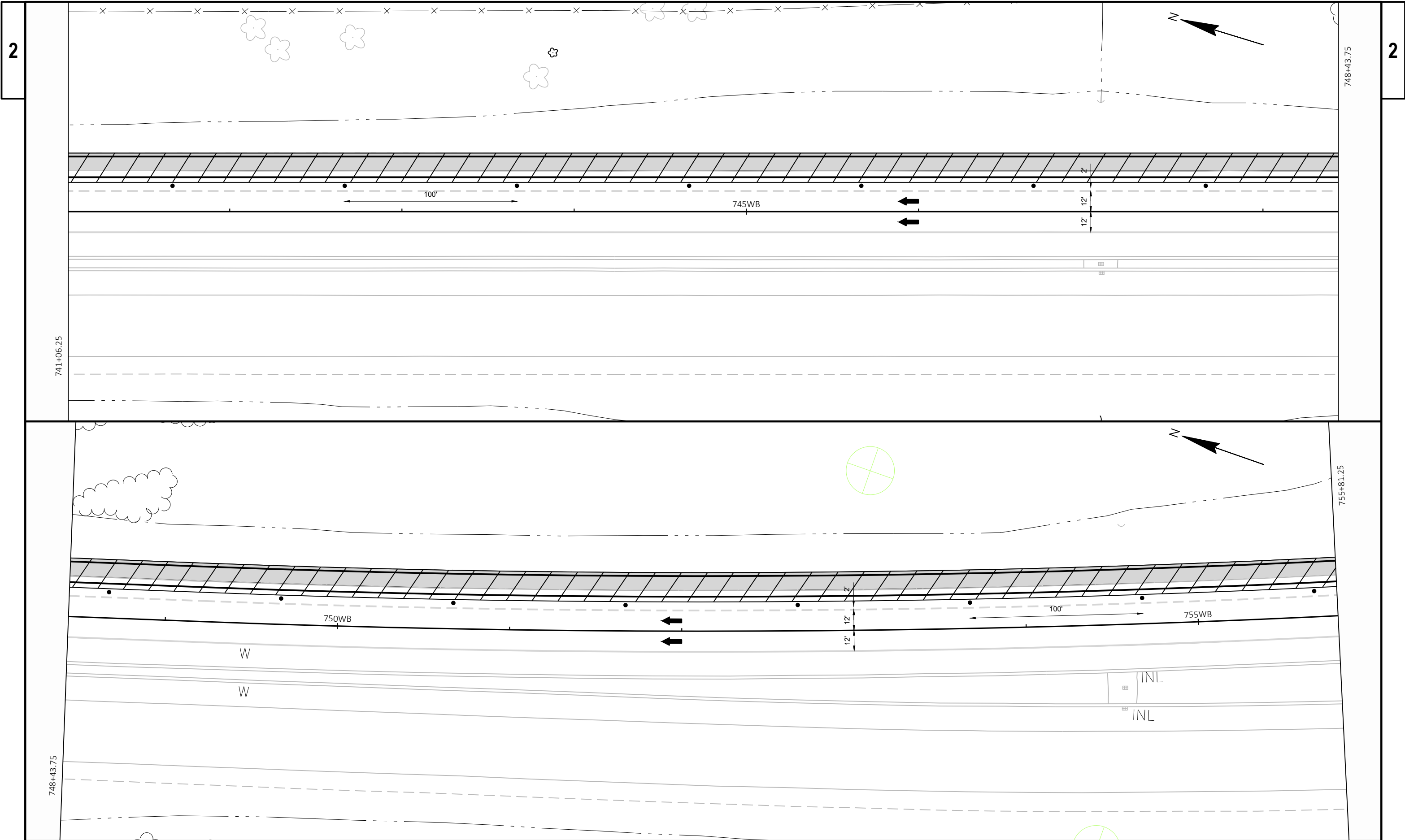
LEGEND

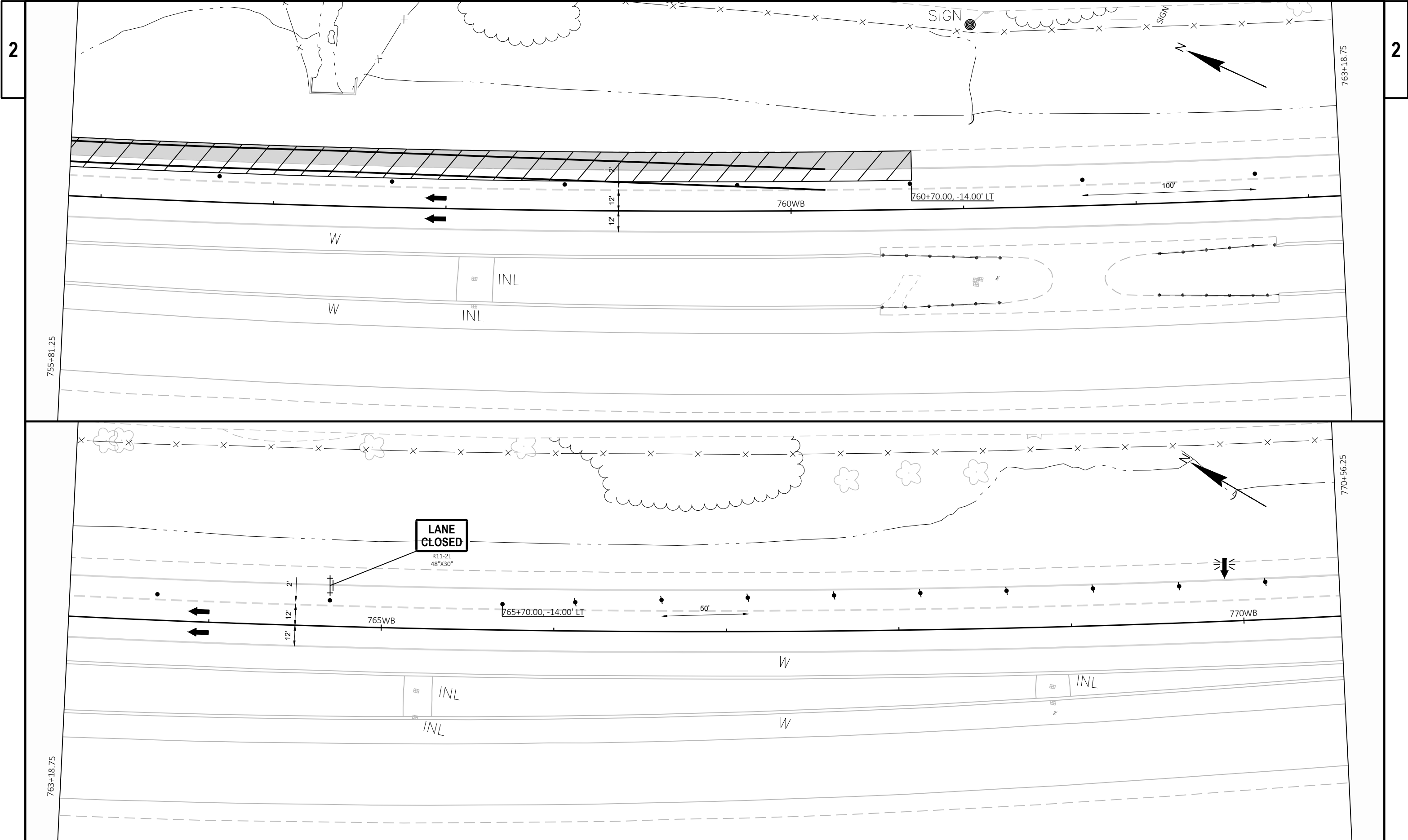
- ⇕ TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE A WARNING LIGHT (FLASHING)
- TRAFFIC CONTROL DRUM
- ⚡ TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ⚡ FLASHING ARROW BOARD
- ⌚ SIGN ON TEMPORARY SUPPORT
- ▨ WORK AREA
- ➔ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

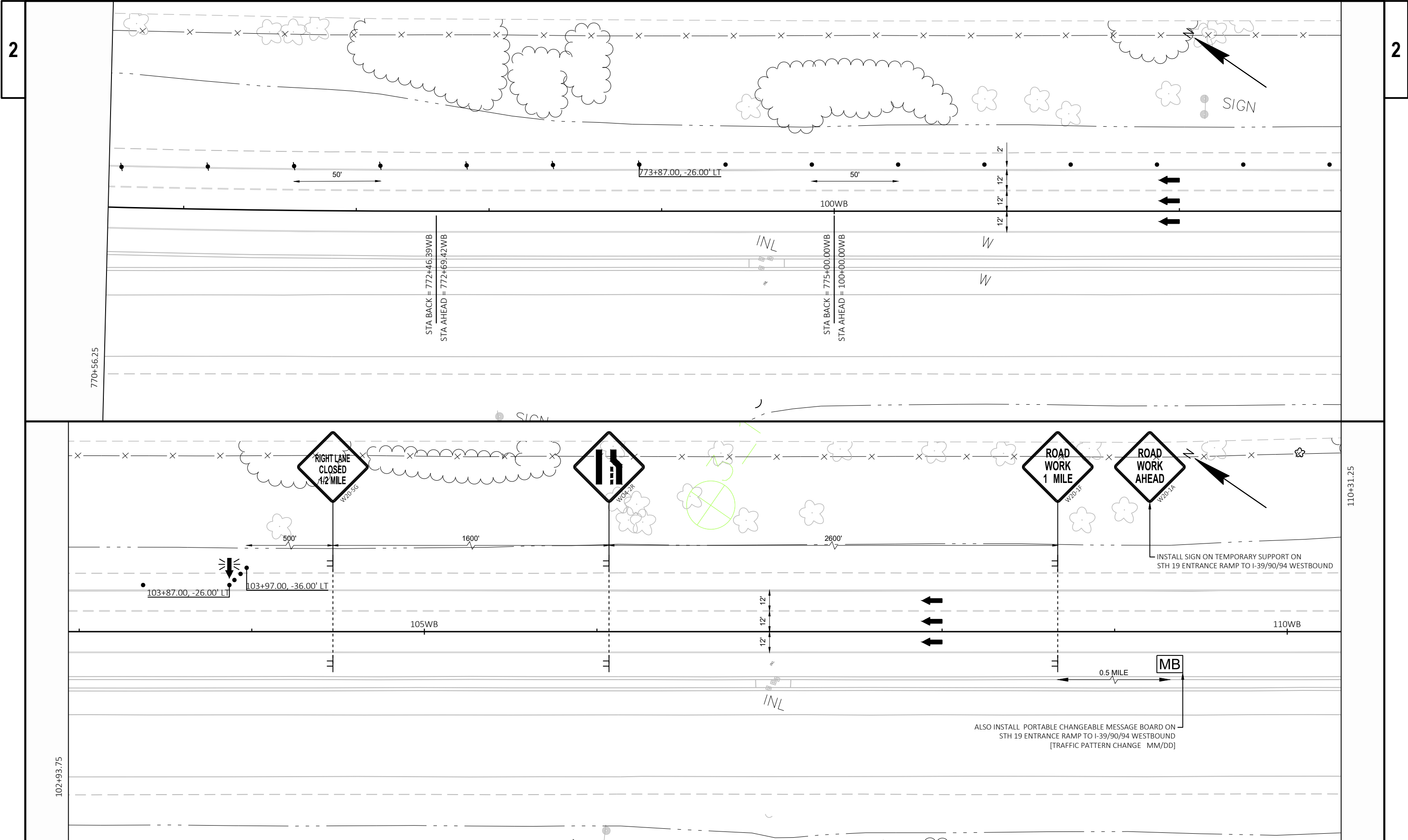


STAGE 1A
CONSTRUCTION TYPICAL SECTION
STA 731+20.00 TO 103+97.00 'WB'









- 1 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE
- 2 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW
- E EXISTING PAVEMENT MARKING

STAGE 1B

I-30/90/94 WESTBOUND (NORTHBOUND)
TRAFFIC PATTERN
- SHIFT AND OPEN OUTSIDE LANE
- CLOSED INSIDE AND CENTER LANE

CONSTRUCTION
- DELIVERED AND INSTALLED CONCRETE BARRIER TEMPORARY PRECAST
- REMOVE EXISTING PAVEMENT MARKING
- CONSTRUCT TEMPORARY MARKING LINE

I-39/90/94 EASTBOUND (SOUTHBOUND)
TRAFFIC PATTERN
- OPEN ALL LANES

NO CONSTRUCTION

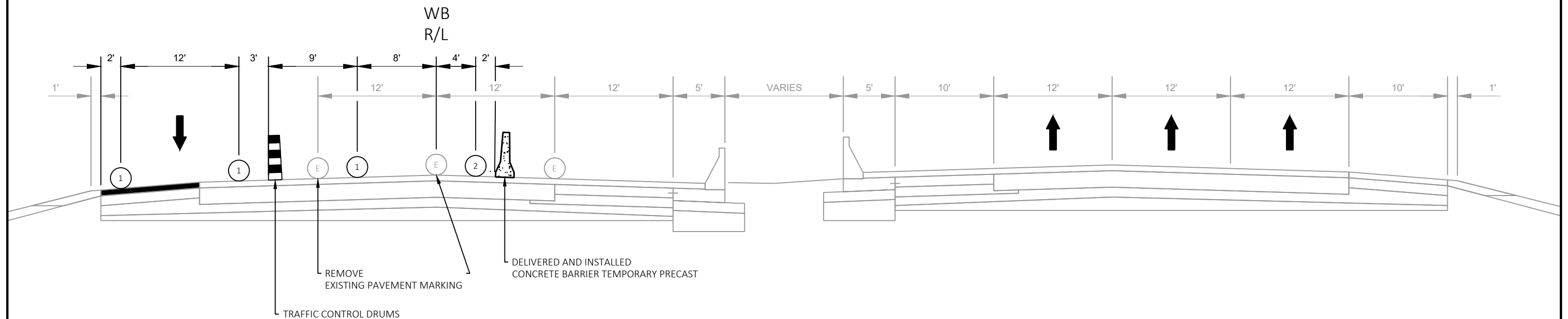
GENERAL NOTES (REFER TO 15D12-A FOR ADDITIONAL INFORMATION)

- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHALL BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
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- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

LEGEND

- ⇕ TYPE III BARRICADE WTH ATTACHED SIGN AND WITH TYPE A WARNING LIGHT (FLASHING)
- TRAFFIC CONTROL DRUM
- ⚡ TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ↔ FLASHING ARROW BOARD
- ⌞ SIGN ON TEMPORARY SUPPORT
- ▬ CONCRETE BARRIER TEMPORARY PRECAST
- ▨ WORK AREA
- ➔ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

CONSTRUCTION ZONE



STAGE 1B
CONSTRUCTION TYPICAL SECTION
STA 731+20.00 TO 129+17.00 'WB'

PROJECT NO: 1011-01-64

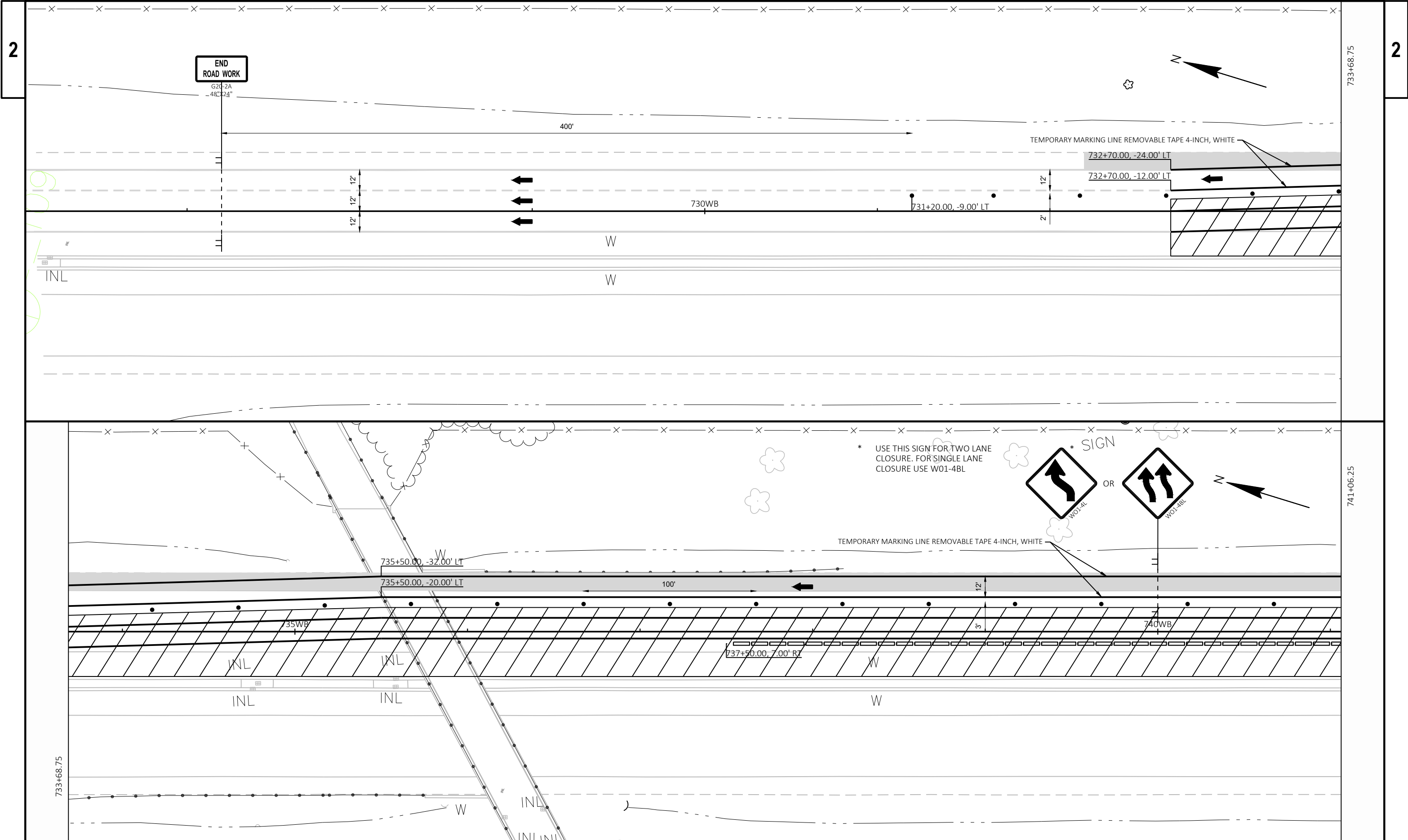
HWY: IH 39

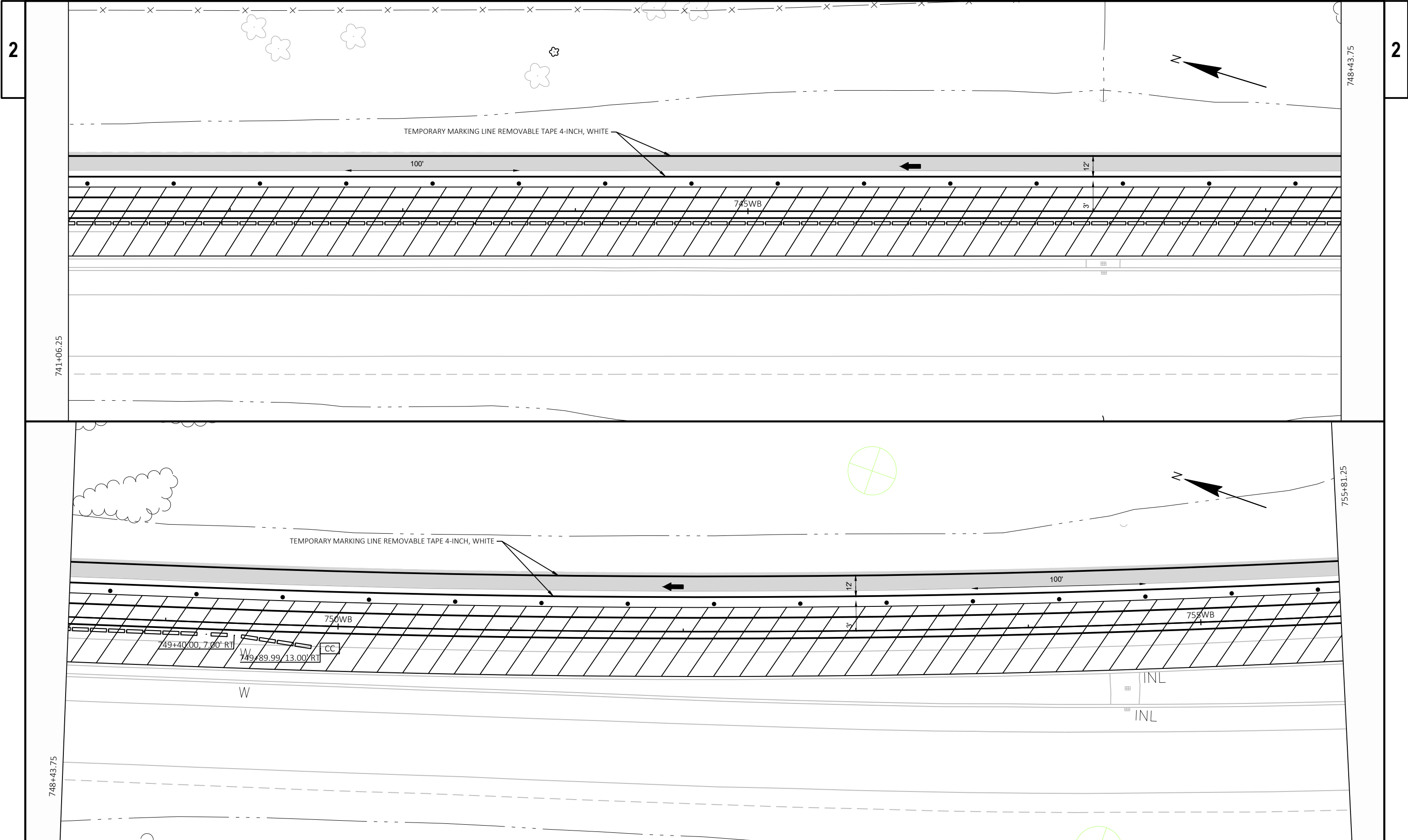
COUNTY: DANE

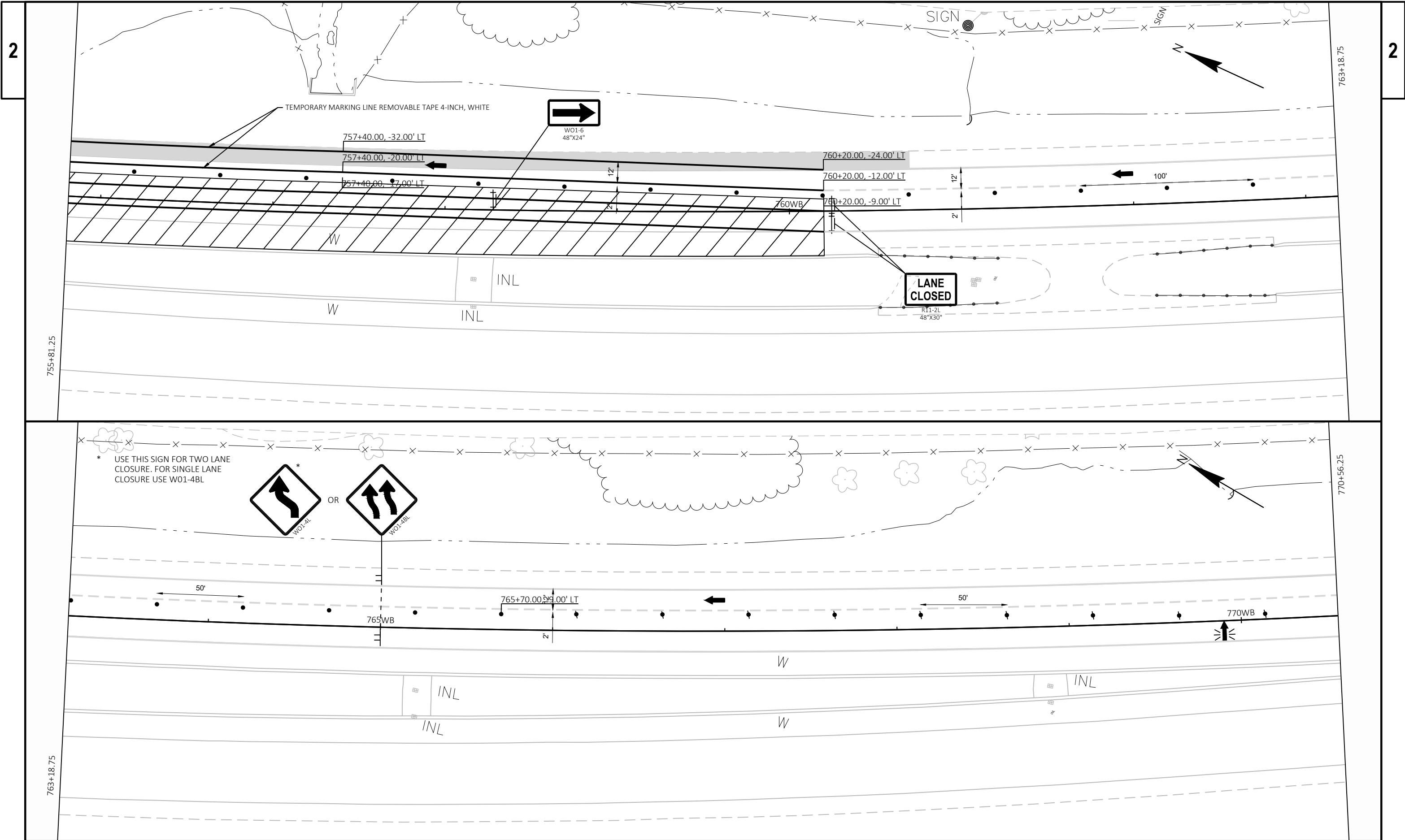
TRAFFIC CONTROLS - STAGE 1B

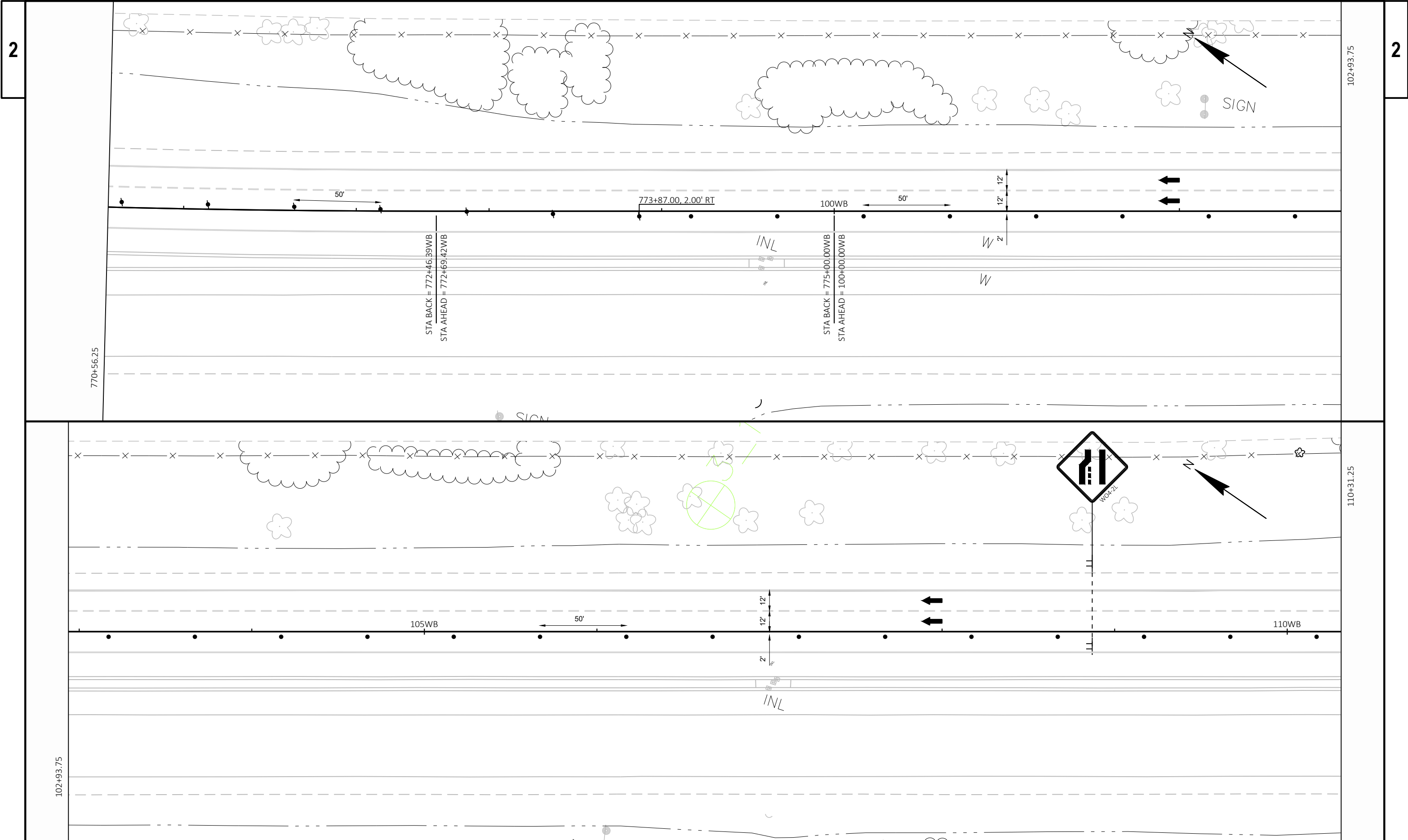
SHEET

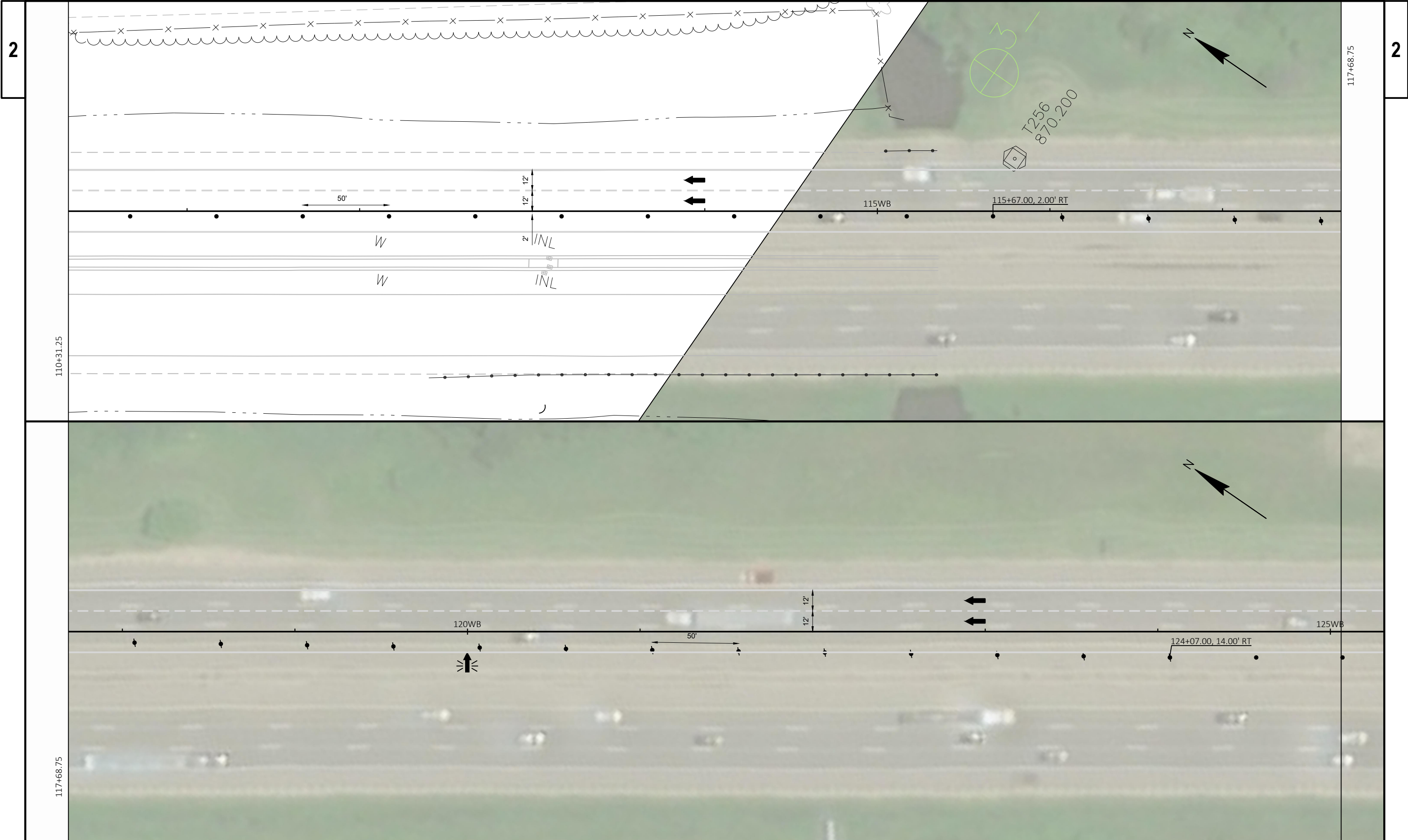
E

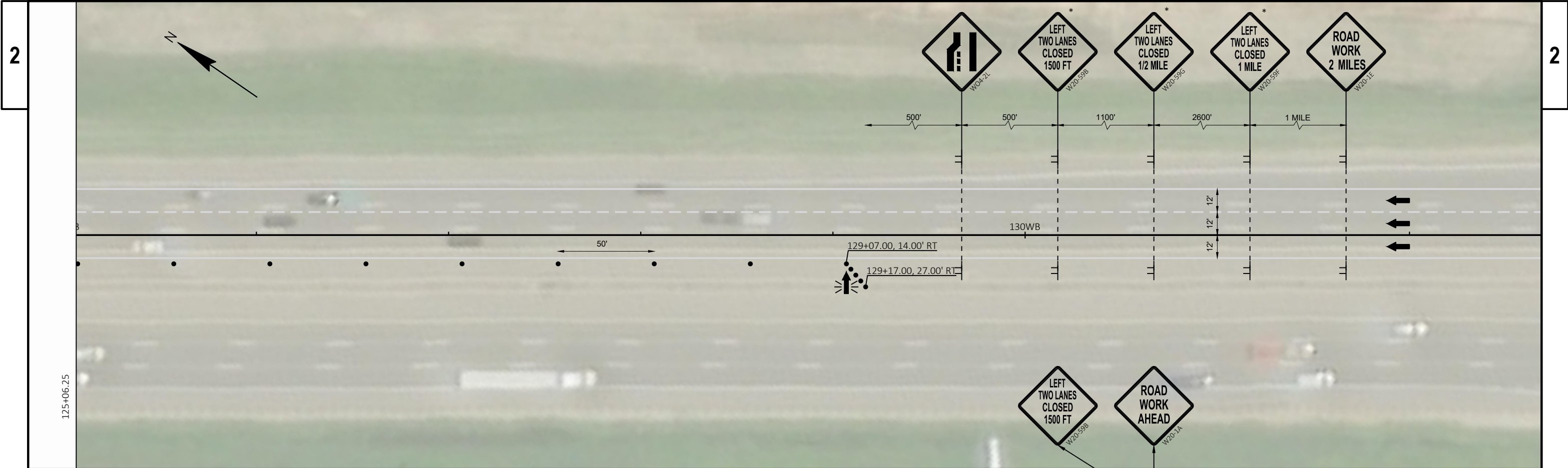












* USE THIS SIGN FOR TWO LANE CLOSURE. FOR SINGLE LANE CLOSURE USE W20-55B, W20-55G, AND W20-55F RESPECTIVELY.



INSTALL SIGN ON TEMPORARY SUPPORT ON STH 19 ENTRANCE RAMP TO I-39/90/94 WESTBOUND

- 1 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE
- 2 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW
- E EXISTING PAVEMENT MARKING

STAGE 2A

I-30/90/94 WESTBOUND (NORTHBOUND)
TRAFFIC PATTERN
- SHIFT AND OPEN ALL LANES

CONSTRUCTION
- CONSTRUCT STORM SEWER, HMA PAVEMENT, AND CONCRETE BARRIER

I-39/90/94 EASTBOUND (SOUTHBOUND)
TRAFFIC PATTERN
- OPEN ALL LANES

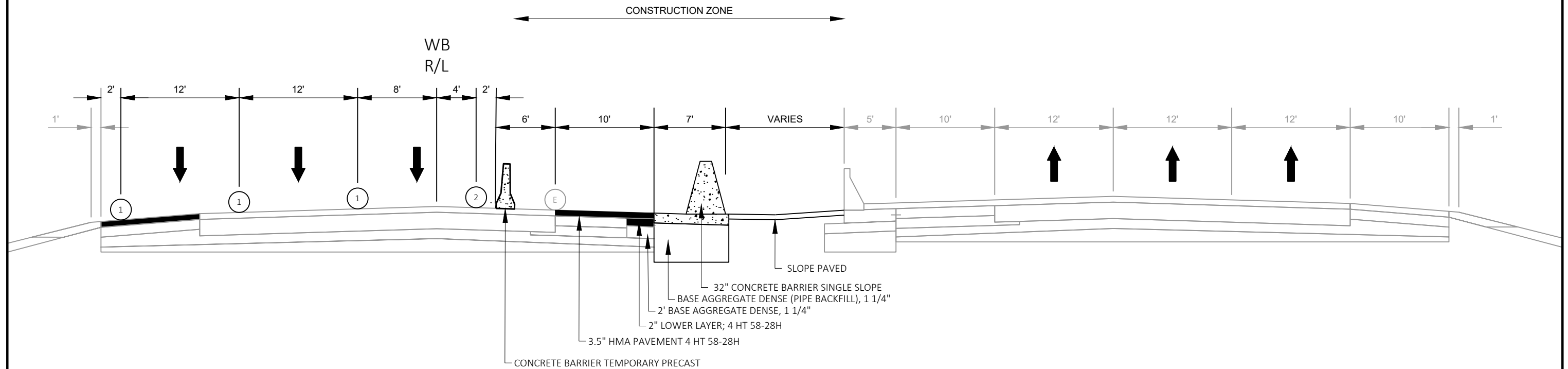
NO CONSTRUCTION

GENERAL NOTES (REFER TO SDD 15D41 FOR ADDITIONAL INFORMATION)

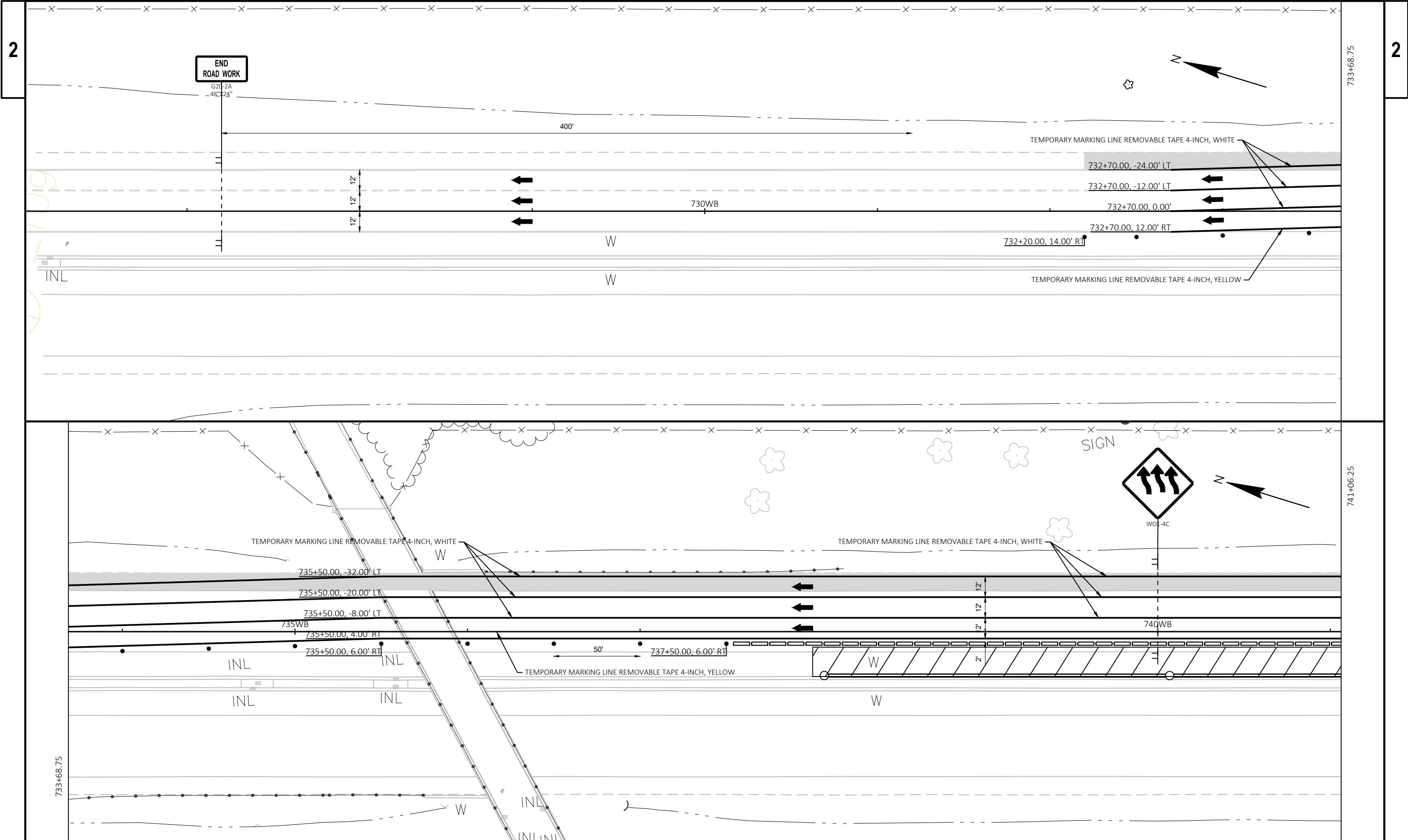
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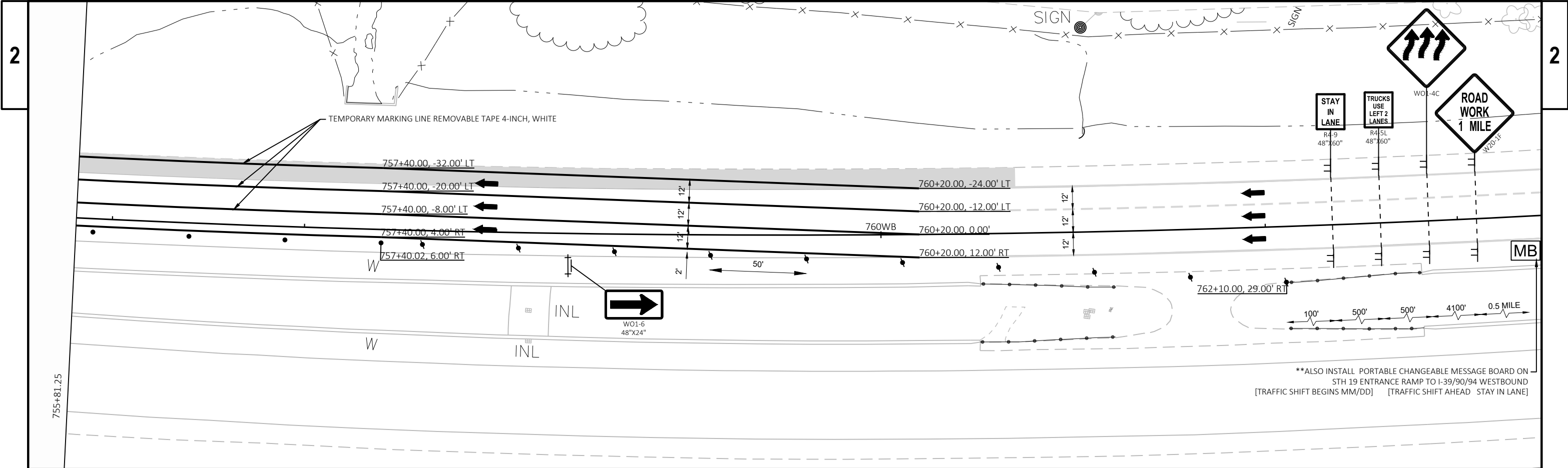
LEGEND

- ↑ TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE A WARNING LIGHT (FLASHING)
- TRAFFIC CONTROL DRUM
- ⚡ TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- ⌋ SIGN ON TEMPORARY SUPPORT
- ▬ CONCRETE BARRIER TEMPORARY PRECAST
- ▨ WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD



STAGE 2A
CONSTRUCTION TYPICAL SECTION
STA 731+20.00 TO 762+10.00 'WB'





- 1 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE
- 2 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW
- 3 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH, WHITE
- 4 MARKING LINE EPOXY 4-INCH, YELLOW

STAGE 2B

I-30/90/94 WESTBOUND (NORTHBOUND)
TRAFFIC PATTERN
- OPEN OUTSIDE LANE
- CLOSED INSIDE AND CENTER LANE

CONSTRUCTION
- REMOVE CONCRETE BARRIER TEMPORARY PRECAST
- REMOVE TEMPORARY MARKING LINE
- CONSTRUCT MARKING LINE

I-39/90/94 EASTBOUND (SOUTHBOUND)
TRAFFIC PATTERN
- OPEN ALL LANES

NO CONSTRUCTION

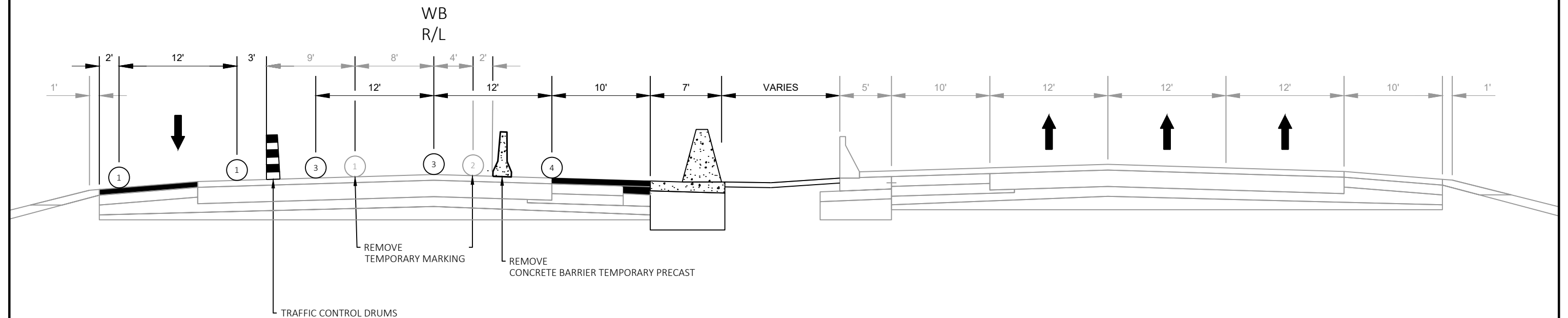
GENERAL NOTES (REFER TO SDD 15D14 FOR ADDITIONAL INFORMATION)

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

	TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE A WARNING LIGHT (FLASHING)
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	WORK AREA
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD

CONSTRUCTION ZONE



STAGE 2B
CONSTRUCTION TYPICAL SECTION
STA 731+20.00 TO 129+17.00 'WB'

PROJECT NO: 1011-01-64

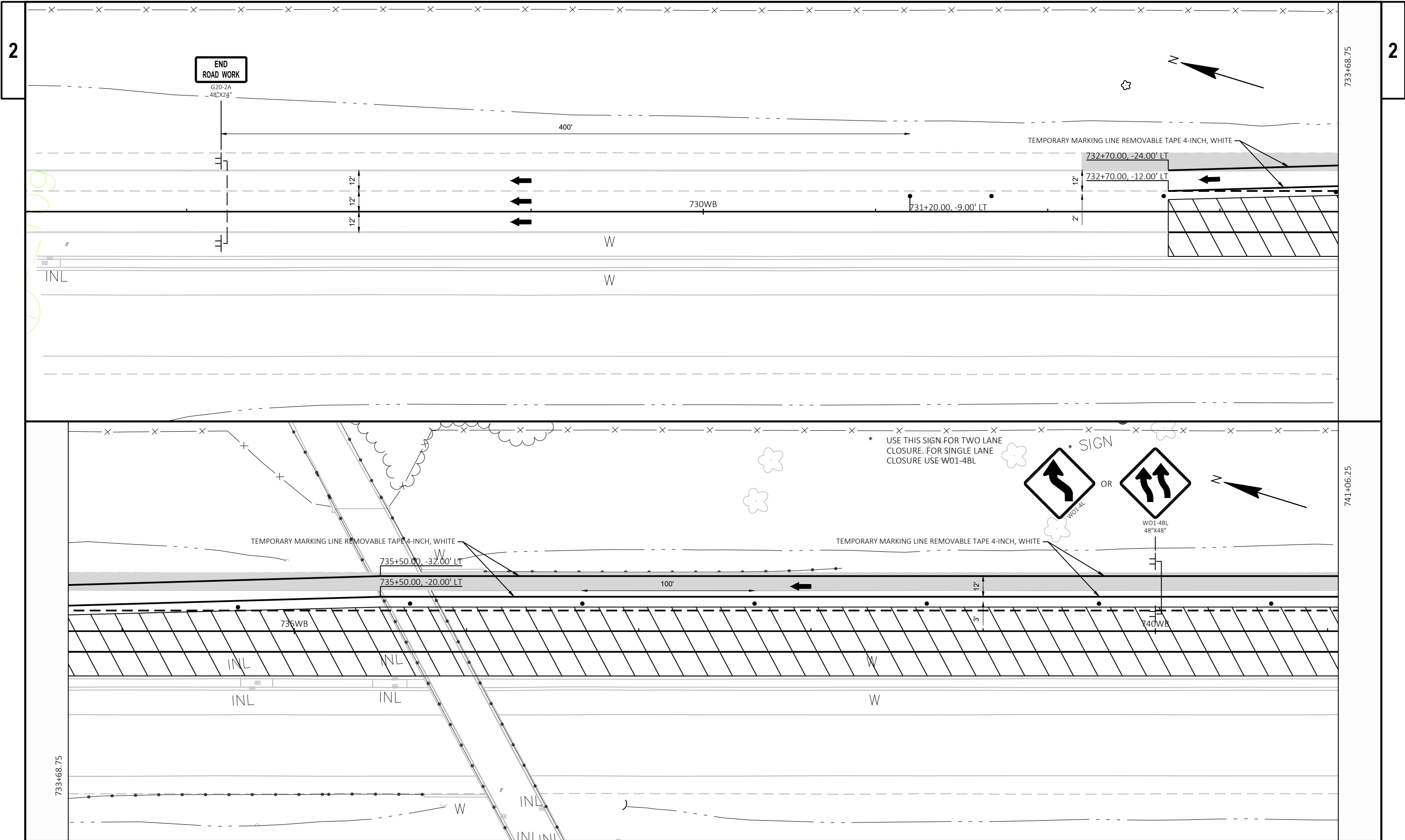
HWY: IH 39

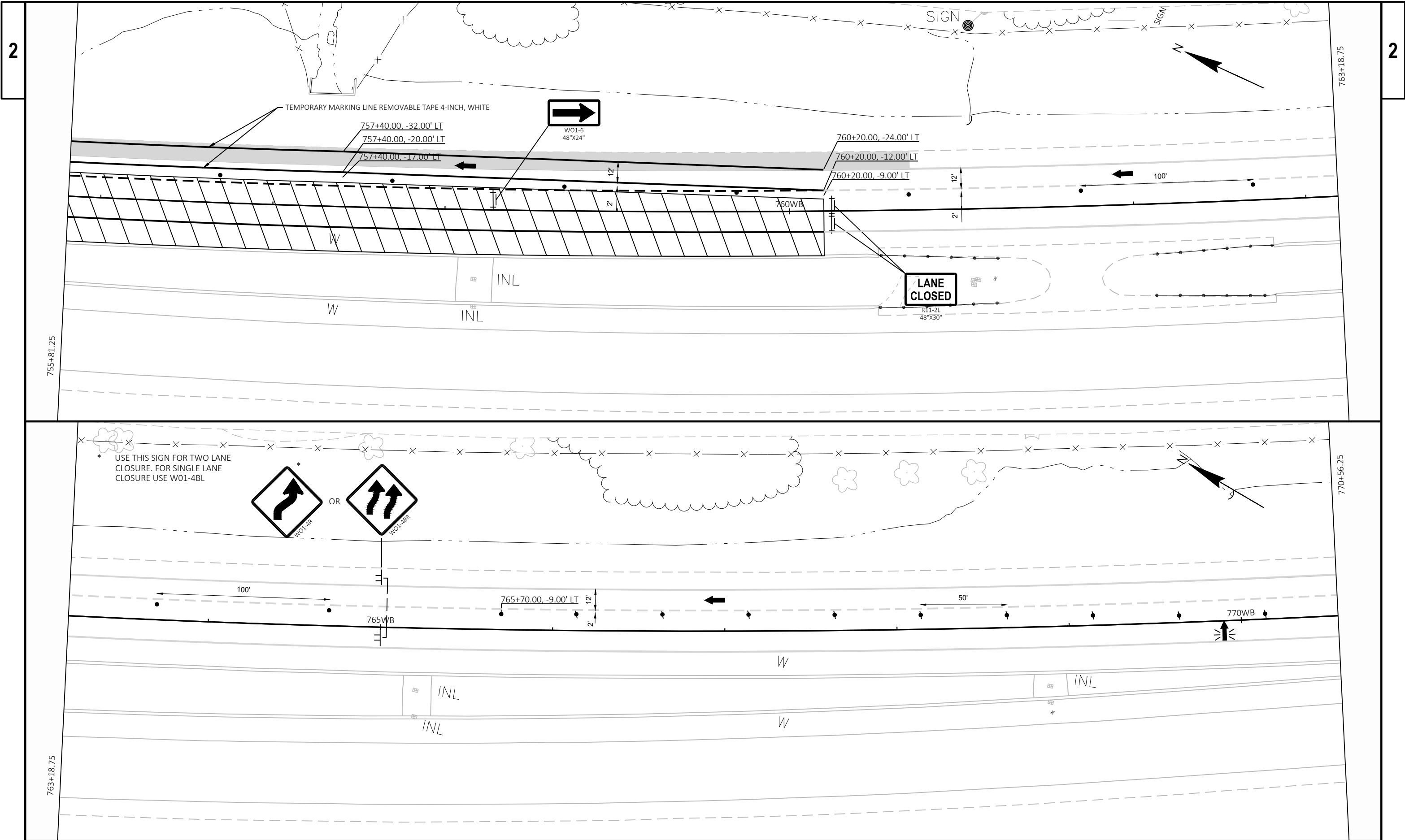
COUNTY: DANE

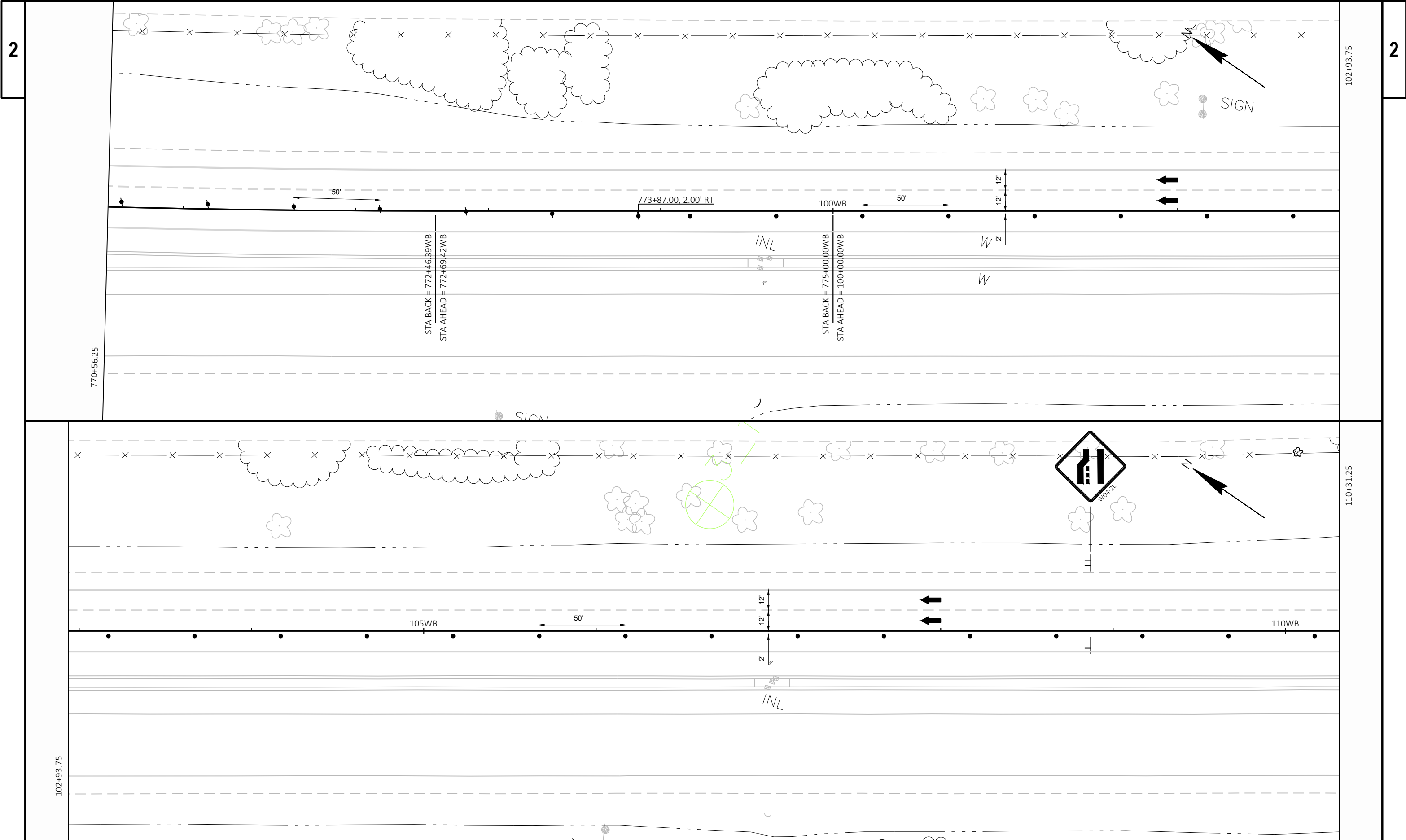
TRAFFIC CONTROLS - STAGE 2B

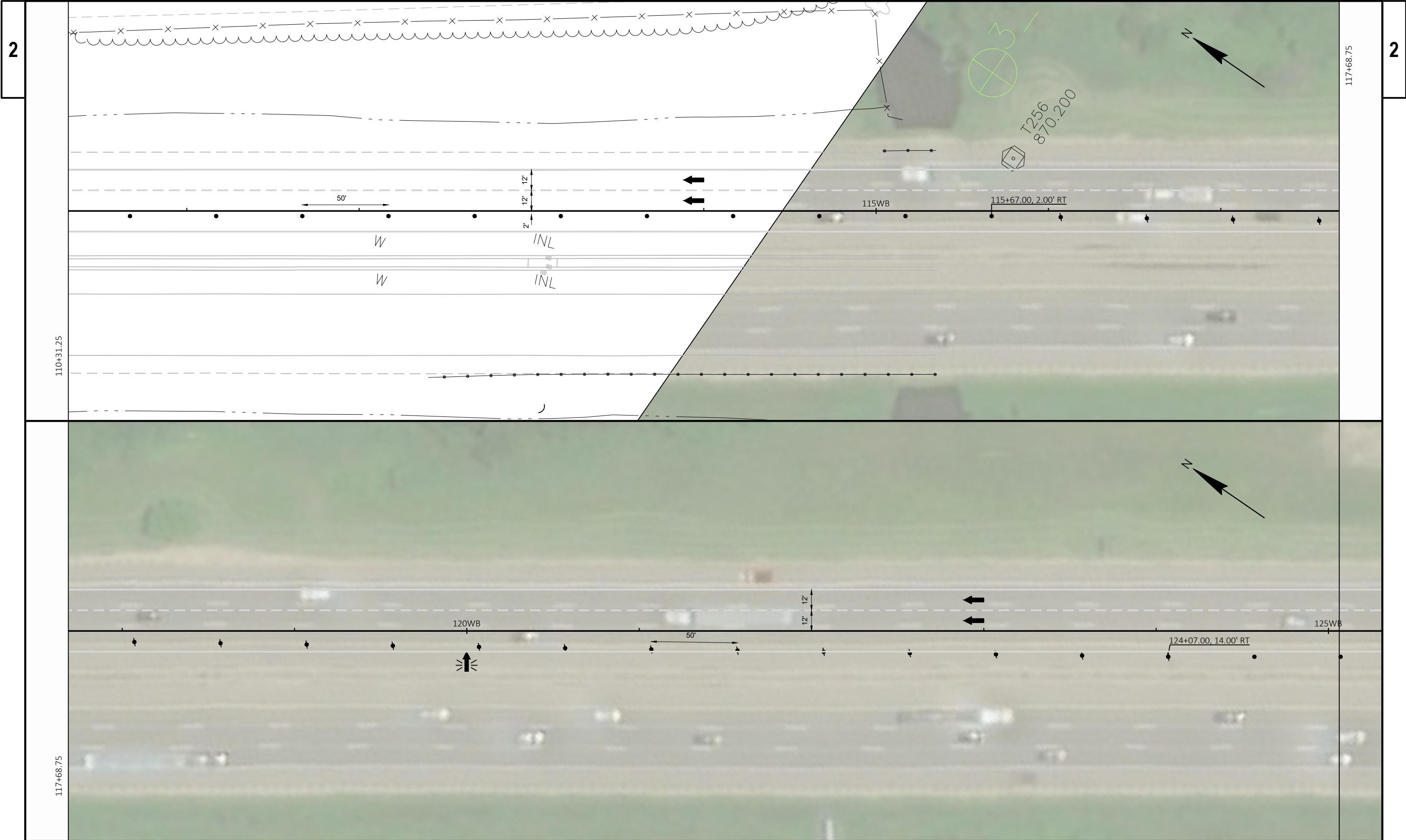
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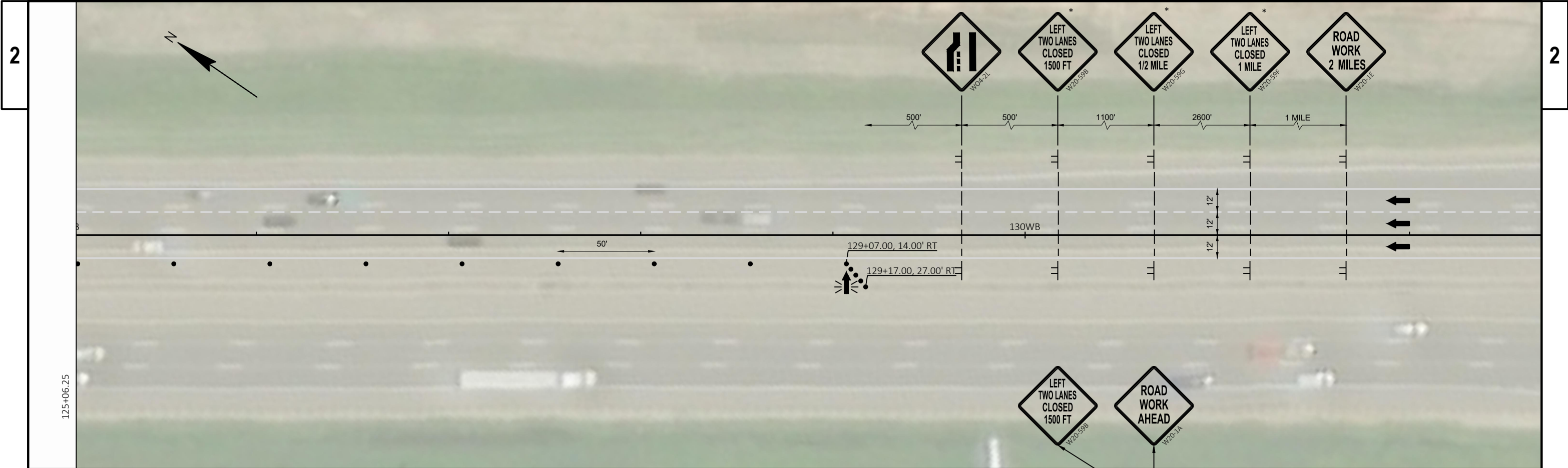
E











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- 4 MARKING LINE EPOXY 4-INCH, YELLOW
- 5 MARKING LINE EPOXY 4-INCH, WHITE

STAGE 2C

I-30/90/94 WESTBOUND (NORTHBOUND)
TRAFFIC PATTERN
- OPEN INSIDE AND OUTSIDE LANE
- CLOSED OUTSIDE LANE AND SHOULDER

CONSTRUCTION
- REMOVE TEMPORARY MARKING LINE
- CONSTRUCT MARKING LINE
- CONSTRUCT SHOULDER RUMBLE STRIP

I-39/90/94 EASTBOUND (SOUTHBOUND)
TRAFFIC PATTERN
- OPEN ALL LANES

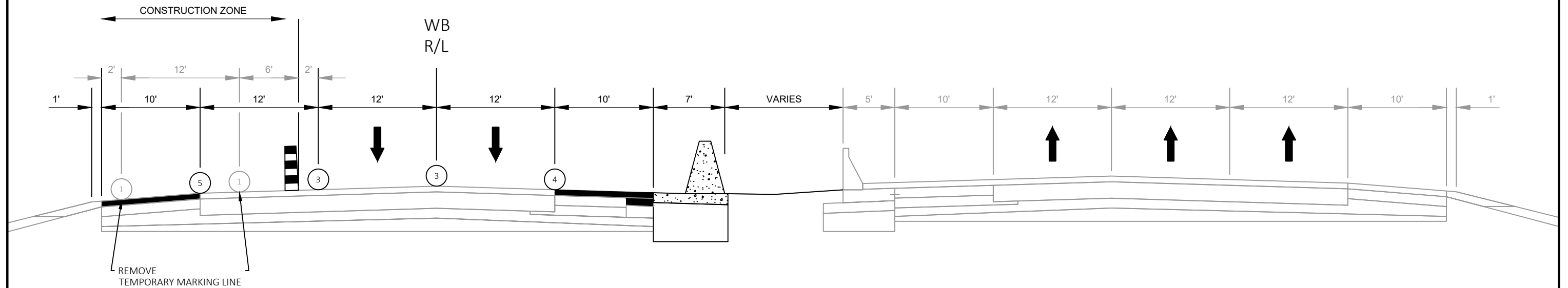
NO CONSTRUCTION

LEGEND

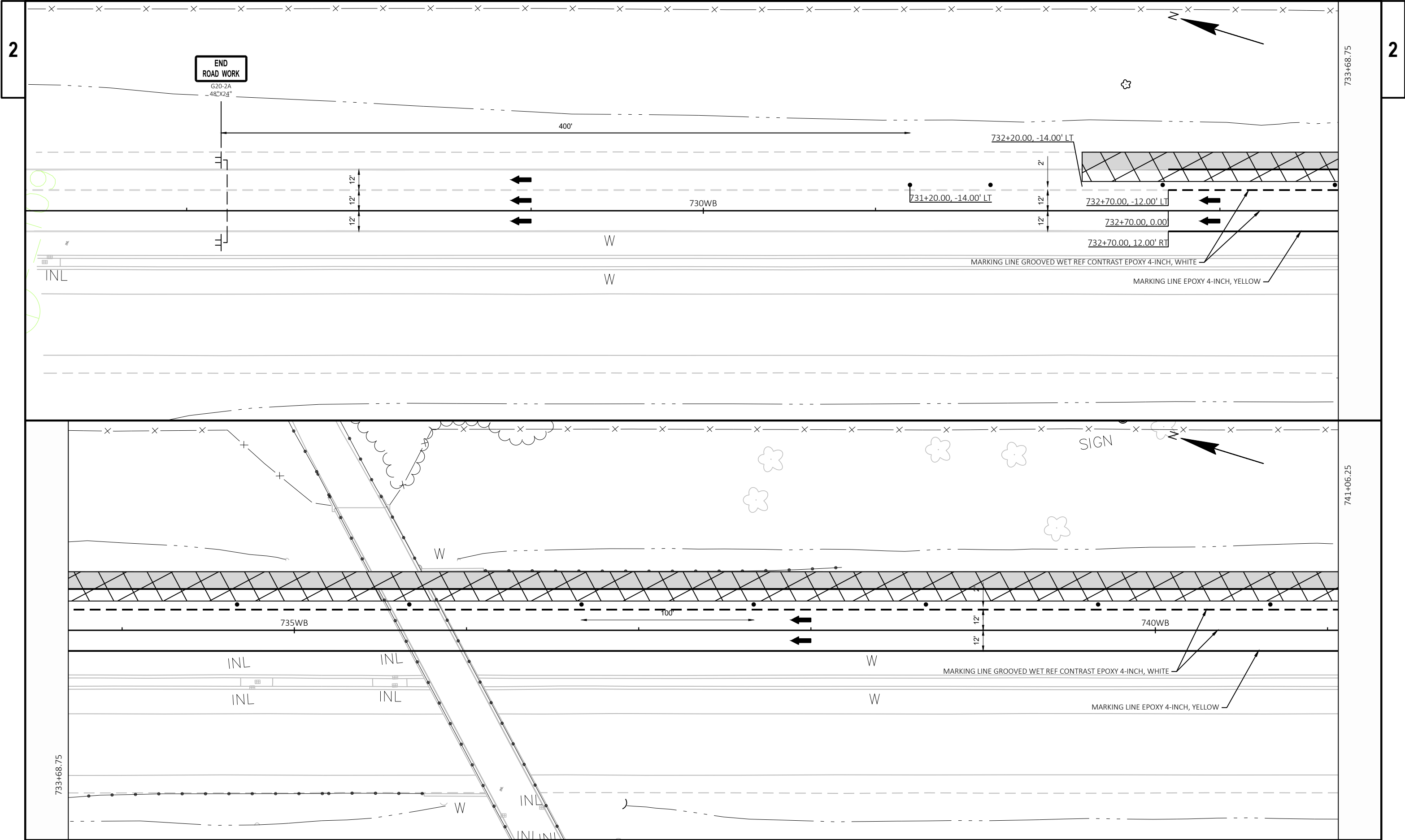
- TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE A WARNING LIGHT (FLASHING)
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD

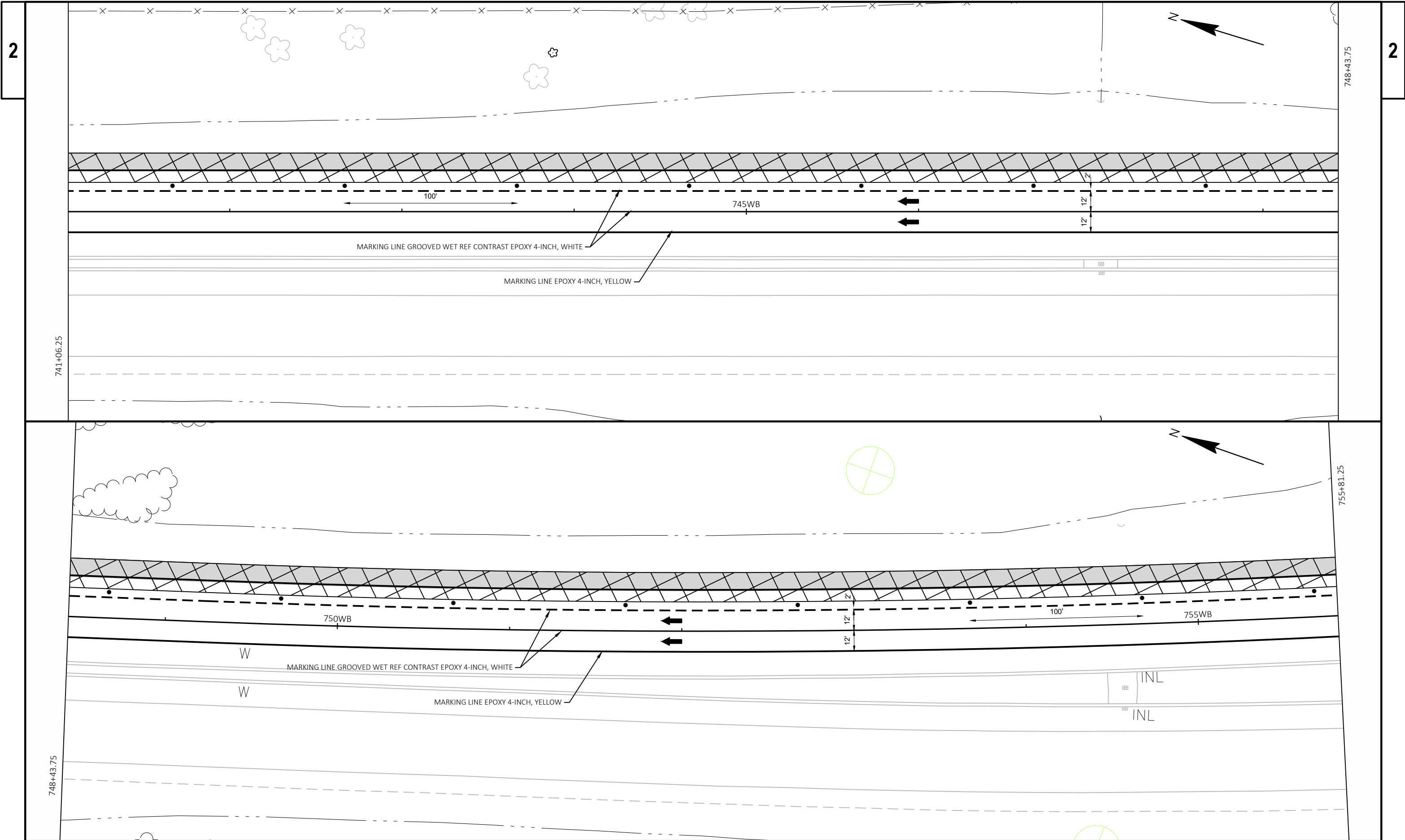
GENERAL NOTES (REFER TO SDD 15D12-A FOR ADDITIONAL INFORMATION)

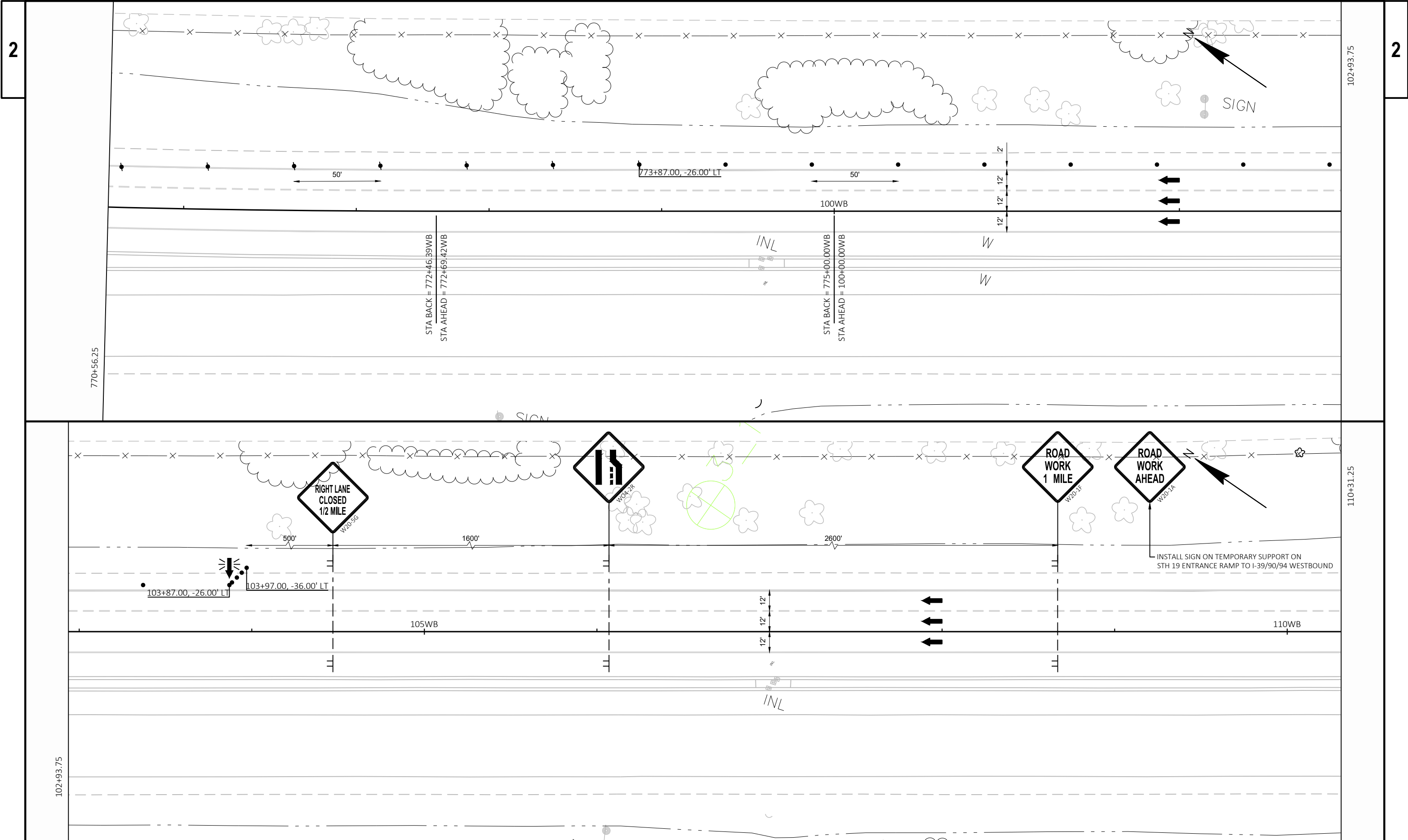
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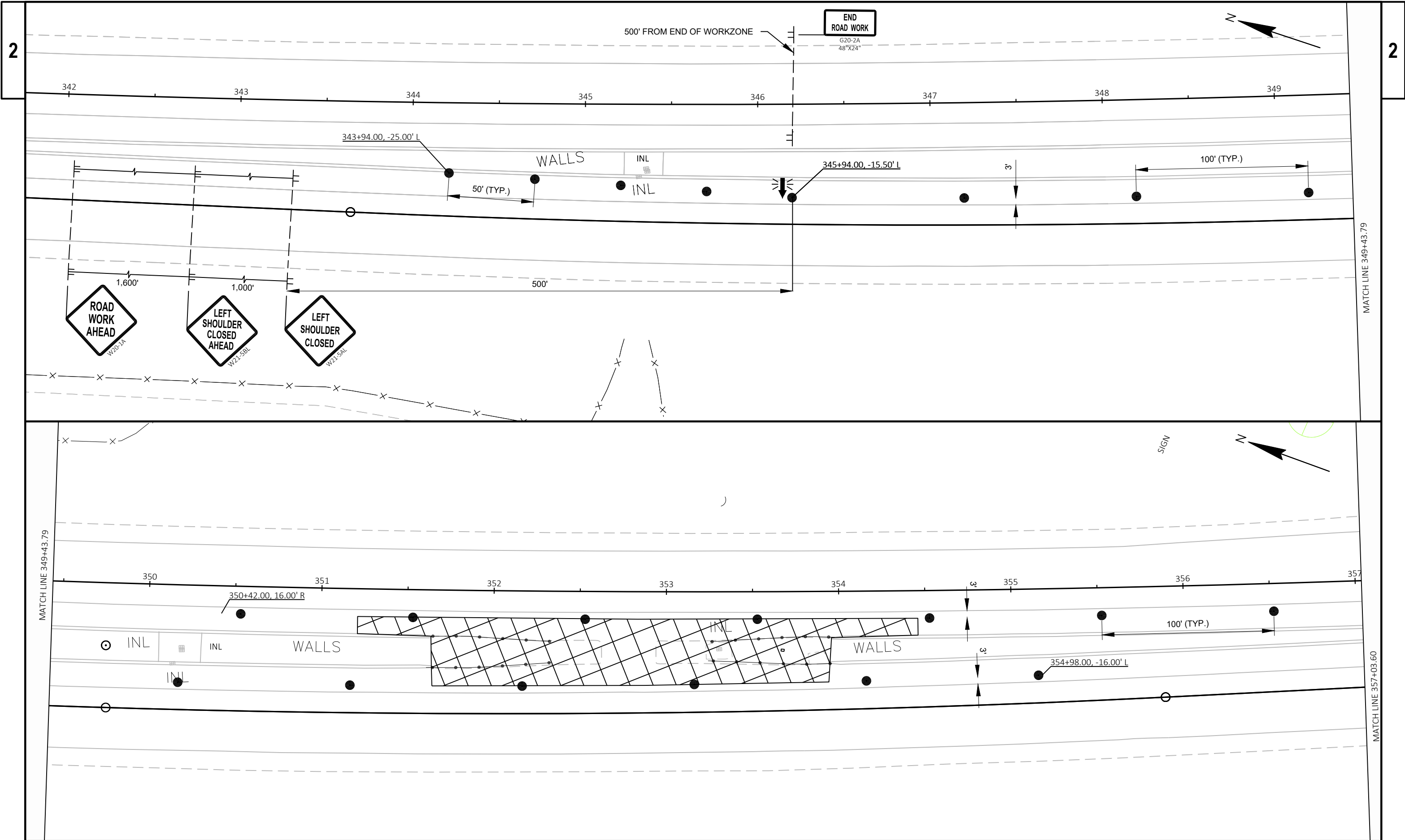


STAGE 2C
CONSTRUCTION TYPICAL SECTION
STA 731+20.00 TO 103+97.00 'WB'

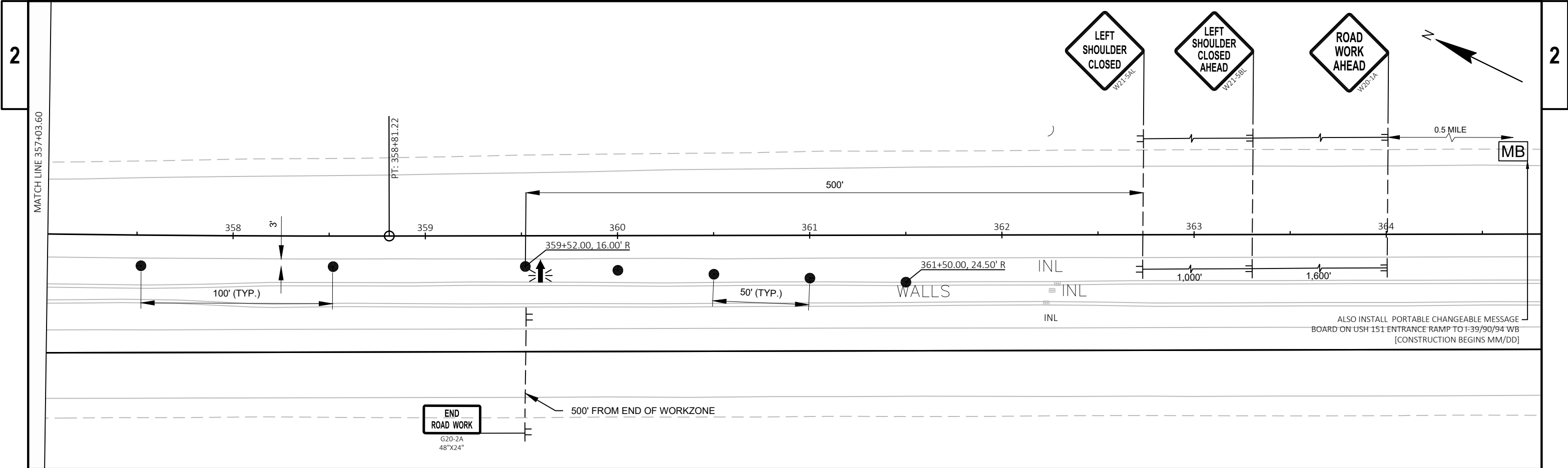


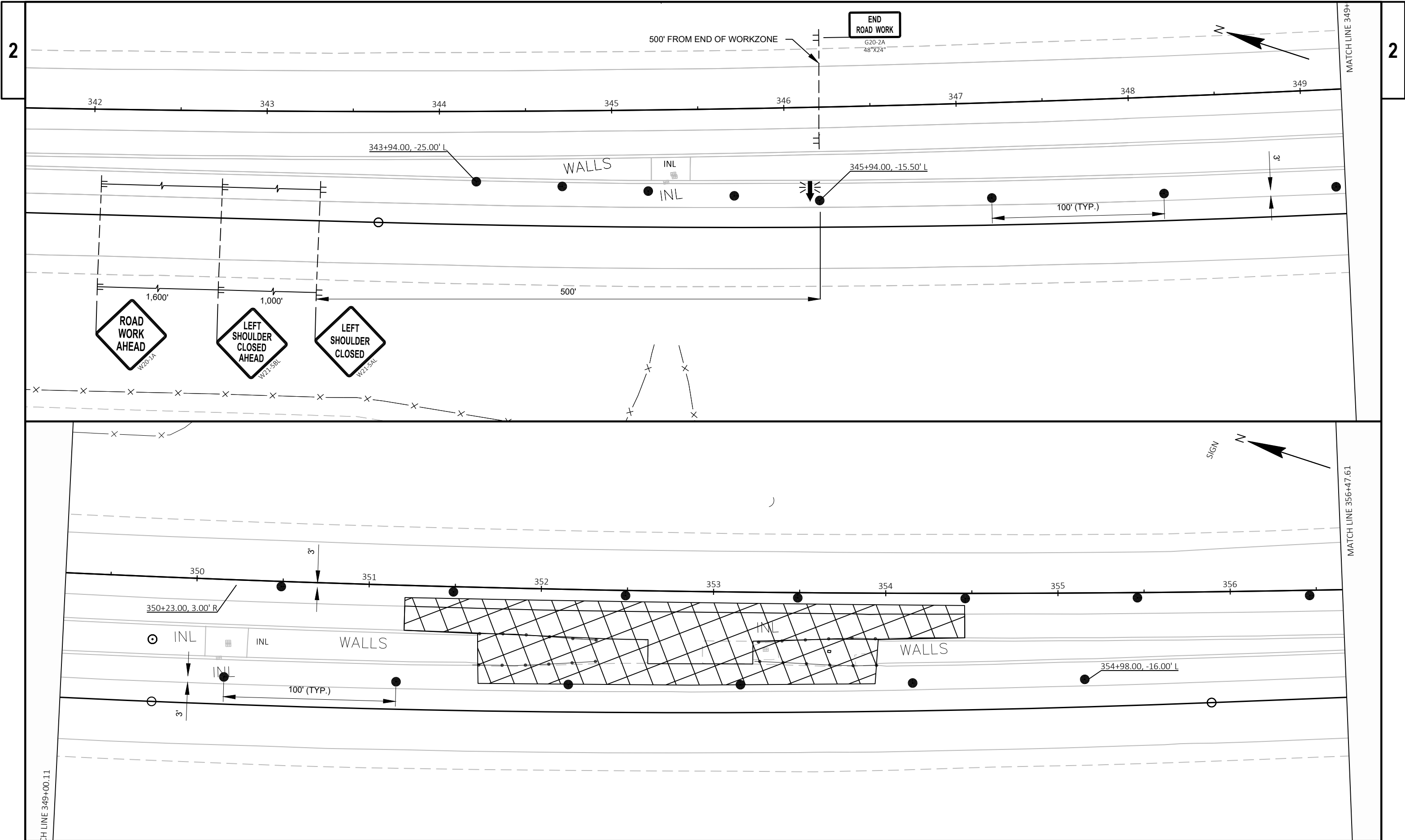


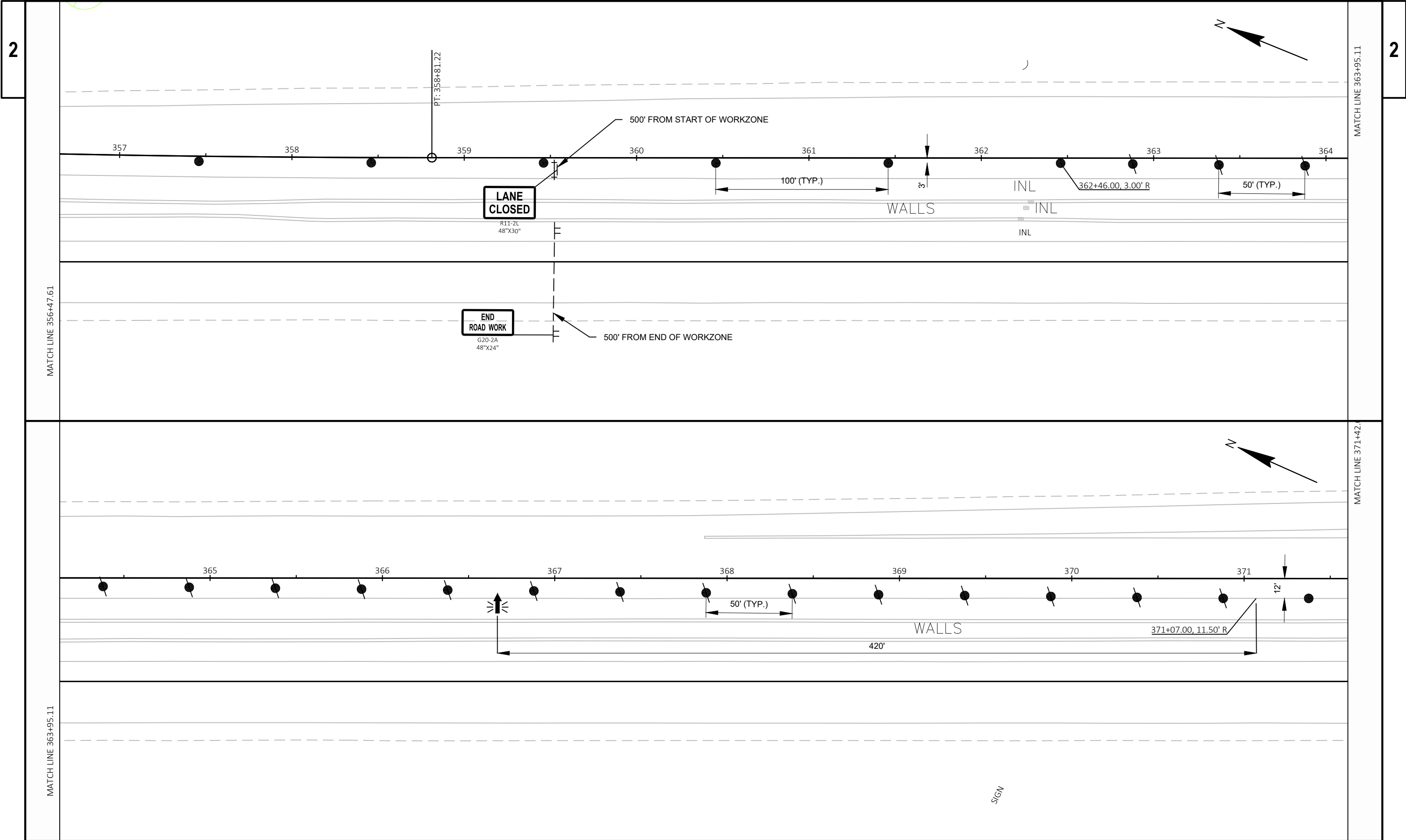




PROJECT NO: 1011-01-64	HWY: IH 39	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E
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REMOVALS

						204.0100	204.0109.S	204.0110	204.0120	204.0157	204.0220	204.0245.01		
						REMOVING	REMOVING	REMOVING	REMOVING	REMOVING		REMOVING		
						PAVEMENT	SURFACE PARTIAL	ASPHALTIC	ASPHALTIC	CONCRETE	REMOVING INLETS	STORM SEWER		
						SY	DEPTH	SURFACE	SURFACE MILLING	BARRIER	EACH	(SIZE) (01. 12 -		
							SF			LF		INCH)		
CATEGORY	STATION	TO	STATION	SIDE	LOCATION			SY	SY	LF		LF	REMARKS	
0010	352+62	-	352+94	RT	EXIST CROSSOVER	--	--	48	--	--	--	--	SOUTH SECTION	
0010	351+21	-	354+46	RT	OUTSIDE SHOULDER	--	--	--	549	--	--	--	SOUTH SECTION	
0010	353+31	-		RT	AROUND INLET	--	--	17	--	--	1	--	EXISTING FLUME	
0010	353+62		353+97	RT	EXISTING FLUME	--	--	9	--	--	--	--		
0010	738+00	-	747+40	RT	NORTH SECTION	314	6,580	--	732	940	--	--	3' SHOULDER REMOVAL	
0010	747+07	-		RT	NORTH SECTION		--	--	--	--	1	5		
0010	732+20	-	760+70	LT	SHOULDER REPAVE	--	--	--	3,167	--	--	--		
TOTAL 0010						314	6,580	74	4,448	940	2	5	0	

EXCAVATION COMMON

						205.0100		
						EXCAVATION		
						COMMON		
CATEGORY	STATION	TO	STATION	SIDE	LOCATION	CY	REMARKS	
0010	352+62	-	352+94	RT	BELOW EXIST CROSSOVER	120	SOUTH SECTION	
0010	352+94		353+23	RT	EXTEND MAINT. CROSSOVER	22	SOUTH SECTION	
0010	738+00	-	747+40	RT	CONCRETE PAVEMENT REMOVAL	209	NORTH SECTION	
TOTAL 0010						351		

DENSE - GRADED BASE

						305.0110	305.0120	305.0500	624.0100		
						BASE	BASE				
						AGGREGATE	AGGREGATE				
						DENSE 3/4-	DENSE 1 1/4-	SHAPING			
						INCH	INCH	SHOULDERS	WATER		
						TON	TON	STA	MGAL	REMARKS	
0010	352+62	-	352+94		MAINT. CROSSOVER	--	48	--	1		
0010	352+94	-	353+23		EXTEND MAINT. CROSSOVER	--	43	--	1		
0010	352+32	-	352+62		ASPHALTIC FLUME BASE	--	15	--	1	SOUTH SECTION	
0010	352+32	-	352+62		SHOULDER BELOW BEAMGUARD/EAT	42	--	1	1	SOUTH SECTION	
0010	352+94	-	353+25		ASPHALTIC FLUME BASE	--	12	--	1	SOUTH SECTION	
0010	352+94	-	353+25		SHOULDER BELOW BEAMGUARD/EAT	44	--	1	1	SOUTH SECTION	
0010	732+20	-	760+70		OUTSIDE SHOULDER	37	--	29	1	NORTH SECTION	
0010	738+00	-	747+40		BELOW CONCRETE PAVEMENT REMOVAL	--	314	--	5	NORTH SECTION	
TOTAL 0010							123	432	31	12	

HMA

						455.0605	460.7424	465.0315		
						TACK COAT	HMA PAVEMENT 4	ASPHALTIC		
						GAL	HT 58-28 H	FLUMES		
CATEGORY	STATION	TO	STATION	SIDE	LOCATION		TON	SY	REMARKS	
0010	351+21	-	354+46	RT	SOUTH SECTION SHOULDER	66	113	--		
0010	352+63	-	352+94	RT	SOUTH SECTION CROSSOVER	12	29	--		
0010	351+21		352+62	RT	NORTH OF CROSSOVER INTO INLET	--	--	67		
0010	353+34		353+96	RT	SOUTH OF CROSSOVER INTO INLET	--	--	54		
0010	732+20	-	760+70	LT	SHOULDER REPLACEMENT	222	387	--		
0010	738+00	-	747+40	RT	SHOULDER PAVEMENT	151	258	--		
0010	738+00	-	747+40	RT	REPLACING CONCRETE	--	38	--		
TOTAL 0010						451	826	121		

RUMBLE STRIPS

						465.0400		
						ASPHALTIC		
						SHOULDER		
						RUMBLE STRIPS		
CATEGORY	STATION	TO	STATION	LOCATION		LF	REMARKS	
0010	732+20	-	760+70	WB OUTSIDE LANE		2,850	NORTH SECTION	
0010	738+00	-	747+40	WB INSIDE LANE		940	NORTH SECTION	
0010	351+21	-	354+46	WB INSIDE LANE		325	SOUTH SECTION	
TOTAL 0010						4,115		

3

CONCRETE BARRIER								
603.1132 603.3111 715.0603								
CONCRETE CONCRETE INCENTIVE								
BARRIER TYPE S32 NJ32SF TO S32 CONCRETE								
BARRIER BARRIER STRENGTH								
CONCRETE CONCRETE								
BARRIER TYPE S32 NJ32SF TO S32 BARRIER								
CATEGORY	STATION	TO	STATION	LOCATION	LF	EACH	DOL	REMARKS
0010	738+00	-	747+40	INSIDE SHOULDER	940	2	1,368	NORTH SECTION
TOTAL 0010					940	2	1,368	

SLOPE PAVING							
604.0500 604.9015.S							
SLOPE PAVING RESEAL CRUSHED							
CRUSHED AGGREGATE							
AGGREGATE SLOPE PAVING							
CATEGORY	STATION	TO	STATION	LOCATION	SY	SY	REMARKS
0010	737+75	-	738+00	BEFORE NEW BARRIER WALL	--	14	NORTH SECTION
0010	747+40	-	747+65	AFTER NEW BARRIER WALL	--	14	NORTH SECTION
0010	738+00	-	747+40	BEHIND REPLACED BARRIER WALL	523	--	NORTH SECTION
0010	353+34	-	353+96	SLOPE PAVING DITCH SOUTH XOVER	58	--	SOUTH SECTION
0010	351+21	-	352+63	SLOPE PAVING DITCH NORTH XOVER	182	--	SOUTH SECTION
0010	350+30	-	351+60	RESEAL EXISTING TO EXIST INLET	--	156	SOUTH SECTION
TOTAL 0010					763	184	

TEMPORARY BARRIER							
603.8000 603.8125 614.0905							
CONCRETE CONCRETE							
BARRIER BARRIER							
TEMPORARY TEMPORARY							
PRECAST PRECAST							
DELIVERED INSTALLED							
CATEGORY	STATION	TO	STATION	LOCATION	LF	LF	REMARKS
0010	737+61	-	750+81		1,320	1,320	NORTH SECTION
0010	750+81	-	751+01		--	--	NORTH SECTION
TOTAL 0010					1,320	1,320	1

BEAM GUARD								
SPV.0060.04								
SPECIAL (04. SALVAGE AND								
REINSTALL ENERGY								
ABSORBING TERMINAL)								
CATEGORY	STATION	TO	STATION	LOCATION	EACH	REMARKS		
0010	351+63	-	352+32	SOUTH SECTION	1	NORTH EAST QUADRANT OF		
						MAINTENANCE CROSSOVER		
TOTAL 0010					1			

PREPATION AND CLEANUP								
211.0100.01 211.0400 213.0100.01 619.1000								
PREPARE								
FOUNDATION FOR								
ASPHALTIC PAVING								
(PROJECT) (01. 1011-								
01-64)								
CATEGORY	STATION	TO	STATION	LOCATION	LS	STA	EACH	MOBILIZATION
0010	351+21	-	354+46	SOUTH SECTION	0.5	3	0.5	0.5
0010	738+00	-	747+40	NORTH SECTION	0.5	10	0.5	0.5
TOTAL 0010					1	13	1	1

EROSION CONTROL							
628.1905 628.1910 628.7010							
MOBILIZATIONS							
EROSION							
CONTROL							
CATEGORY	STATION	LOCATION	EACH	EACH	EACH	REMARKS	
0010	PROJECT	--	2	2	--		
0010	350+20	37' RT	--	--	1		
0010	350+20	43' RT	--	--	1		
0010	345+35	37' RT	--	--	1		
0010	345+35	42' RT	--	--	1		
0010	747+06	30' RT	--	--	1		
TOTAL 0010			2	2	5		

MOVING SIGNS						
638.2102 638.4000						
MOVING SIGNS						
TYPE II						
EACH						
CATEGORY	STATION	SIDE	LOCATION	EACH	EACH	REMARKS
0010	352+99	RT	SOUTH OF MAINT. CROSSOVER	1	1	MOVE OUT OF WAY FOR FUTURE
						PAVING IN MAINTENANCE
						CROSSOVER(EMERGENCY VEHICLES
						ONLY SIGN)
TOTAL 0010				1	1	

3

STORM SEWER STRUCTURES													
				611.0610	611.0642	611.3004	611.3902						
				INLET COVERS	INLET COVERS	INLETS 4-FT	INLETS MEDIAN 2						
				TYPE BW	TYPE MS	DIAMETER	GRATE						
STRUC.	NO.	STATION*	OFFSET TO CENTER OF STRUC.*	LOCATION	EACH	EACH	EACH	EACH	RIM ELEVATION	TOP OF STR. ELEV.	BOTTOM OF STR. ELEV.	INVERT** ELEVATION	DEPTH*** FT
CATEGORY													
0010	10	353+31	34.0' RT	CROSSOVER	--	2	--	1	892.67	892.67	889.21	890.13	2.54 ****
0010	1	738+07	25.5' RT	NORTH SECTION	1	--	1	--	912.15	910.86	905.14	905.89	4.97
0010	2	740+07	25.5' RT	NORTH SECTION	1	--	1	--	909.66	908.37	902.64	903.39	4.98
0010	3	742+07	25.4' RT	NORTH SECTION	1	--	1	--	907.17	905.88	900.14	900.89	4.99
0010	4	744+07	25.5' RT	NORTH SECTION	1	--	1	--	904.58	903.29	897.64	898.39	4.90
0010	5	745+59	25.6' RT	NORTH SECTION	1	--	1	--	902.73	901.44	895.74	896.49	4.95
0010	6	746+91	25.6' RT	NORTH SECTION	1	--	1	--	901.18	899.89	894.09	894.84	5.05
TOTAL 0010					6	2	6	1					
REMARKS													
*STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE SEE CONSTRUCTION DETAIL TO LOCATE													
**FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF OF THE LOWEST PIPE FLOW LINE													
***DEPTH(4' INLET) = RIM ELEV - INVERT ELEVATION - COVER HEIGHT - 6 INCH ADJUSTMENT RING HEIGHT													
****DEPTH(MEDIAN INLET) = RIM ELEVATION - INVERT ELEVATION													

SPV - EMERGENCY PAVEMENT REPAIR						
					SPV.0060.01 SPECIAL (01. MOBILIZATIONS EMERGENCY SHOULDER AND PAVEMENT REPAIR) EACH	SPV.0195.01 SPECIAL (01. ASPHALTIC PAVEMENT REPAIR SPECIAL) TON
CATEGORY	STATION	TO	STATION	LOCATION	EACH	TON
0010	736+00	-	756+25	LT	1	20
TOTAL 0010					1	20

ULO			
			SPV.0060.03 SPECIAL (03. UTILITY LINE OPENING (ULO))
CATEGORY	LOCATION	EACH	REMARKS
0010	PROJECT	1	IF NEEDED
TOTAL 0010		1	

STORM SEWER PIPE												
					520.8000	521.2005.S.01 SURFACE DRAIN PIPE	521.3115	608.0418				
					CONCRETE COLLARS FOR PIPE	CORRUGATED METAL SLOTTED (INCH) (01. 15 - INCH)	CULVERT PIPE CORRUGATED STEEL 15-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH				
CATEGORY	STATION	TO	STATION	LOCATION	EACH	LF	LF	LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	REMARKS
0010	352+62	-	353+23	Crossover	--	60	--	--	891.16	890.68	0.80%	CROSS DRAIN ACROSS MAINT. CROSSOVER
0010	353+23	-	353+31	Crossover	--	--	9	--	890.68	890.59	1.00%	9' SECTION WILL NEED 2 BENDS TO CONNECT TO MEDIAN INLET
0010	--		353+31		1	--	--	--	--	--	--	TIE EXIST PIPE INTO NEW INLET
0010	745+59		--	@Inlet #5	--	12	--	--	900.13	899.84	2.39%	START AT 2' OFFSET FROM EDGE OF TRAVEL LANE
0010	746+91		--	@Inlet #6	--	12	--	--	898.54	898.25	2.42%	START AT 2' OFFSET FROM EDGE OF TRAVEL LANE
	STRUCTURE		STRUCTURE									
0010	1	-	2	North Section 1-2	--	--	--	200	905.89	903.39	1.25%	
0010	2	-	3	North Section 2-3	--	--	--	200	903.39	900.89	1.25%	
0010	3	-	4	North Section 3-4	--	--	--	200	900.89	898.39	1.25%	
0010	4	-	5	North Section 4-5	--	--	--	152	898.39	896.49	1.25%	
0010	5	-	6	North Section 5-6	--	--	--	132	896.49	894.84	1.25%	
0010	6	-	7	North Section 6-7	1	--	--	16	894.84	894.52	2.04%	CONNECT TO EXISTING STRUCTURE
TOTAL 0010					2	84	9	900				

TRAFFIC CONTROL																			
						643.0300		643.0420		643.0705		643.0715		643.0800		643.0900		643.1050	
						TRAFFIC CONTROL DRUMS		TRAFFIC CONTROL BARRICADES TYPE III		TRAFFIC CONTROL WARNING LIGHTS TYPE A		TRAFFIC CONTROL WARNING LIGHTS TYPE C		TRAFFIC CONTROL ARROW BOARDS		TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL SIGNS PCMS	
CATEGORY	STATION	TO	STATION	DAYS	LOCATION	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY
0010	STAGE 1A																		
	731+20	-	765+70	2	WESTBOUND	35	70	1	2	2	4	--	--	--	--	--	--	--	--
	765+70	-	773+87	2	WESTBOUND	17	34	--	--	--	--	17	34	1	2	--	--	--	--
	773+87	-	103+87	2	WESTBOUND	10	20	--	--	--	--	--	--	--	--	--	--	--	--
	103+87	-	103+97	2	WESTBOUND	5	10	--	--	--	--	--	--	1	2	--	--	--	--
	-	-	-	2	PROJECT	--	--	--	--	--	--	--	--	--	--	11	22	2	14
STAGE 1A SUBTOTAL						134		2		4		34		4		22		14	
STAGE 1B																			
	731+20	-	765+70	2	WESTBOUND	69	138	3	6	6	12	--	--	--	--	--	--	--	--
	765+70	-	773+87	2	WESTBOUND	17	34	--	--	--	--	17	34	1	2	--	--	--	--
	773+87	-	115+67	2	WESTBOUND	34	68	--	--	--	--	--	--	--	--	--	--	--	--
	115+67	-	124+07	2	WESTBOUND	17	34	--	--	--	--	17	34	1	2	--	--	--	--
	124+07	-	129+07	2	WESTBOUND	10	20	--	--	--	--	--	--	--	--	--	--	--	--
	129+07	-	129+17	2	WESTBOUND	5	10	--	--	--	--	--	--	1	2	--	--	--	--
	-	-	-	2	PROJECT	--	--	--	--	--	--	--	--	--	--	35	70	--	--
STAGE 1B SUBTOTAL						304		6		12		68		6		70		0	
STAGE 2A																			
	731+20	-	737+50	20	WESTBOUND	13	260	--	--	--	--	--	--	--	--	--	--	--	--
	749+40	-	757+40	20	WESTBOUND	17	340	--	--	--	--	17	340	--	--	--	--	--	--
	757+40	-	762+10	20	WESTBOUND	10	200	1	20	2	40	--	--	--	--	--	--	--	--
	-	-	-	20	PROJECT	--	--	--	--	--	--	--	--	--	--	13	260	2	2
STAGE 2A SUBTOTAL						800		20		40		340		0		260		2	
STAGE 2B																			
	731+20	-	765+70	2	WESTBOUND	35	70	3	6	6	12	--	--	--	--	--	--	--	--
	765+70	-	773+87	2	WESTBOUND	17	34	--	--	--	--	17	34	1	2	--	--	--	--
	773+87	-	115+67	2	WESTBOUND	34	68	--	--	--	--	--	--	--	--	--	--	--	--
	115+67	-	124+07	2	WESTBOUND	17	34	--	--	--	--	17	34	1	2	--	--	--	--
	124+07	-	129+07	2	WESTBOUND	10	20	--	--	--	--	--	--	--	--	--	--	--	--
	129+07	-	129+17	2	WESTBOUND	5	10	--	--	--	--	--	--	1	2	--	--	--	--
	-	-	-	2	PROJECT	--	--	--	--	--	--	--	--	--	--	25	50	--	--
STAGE 2B SUBTOTAL						236		6		12		68		6		50		0	
STAGE 2C																			
	731+20	-	765+70	2	WESTBOUND	35	70	1	2	2	4	--	--	--	--	--	--	--	--
	765+70	-	773+87	2	WESTBOUND	17	34	--	--	--	--	17	34	1	2	--	--	--	--
	773+87	-	103+87	2	WESTBOUND	10	20	--	--	--	--	--	--	--	--	--	--	--	--
	103+87	-	103+97	2	WESTBOUND	5	10	--	--	--	--	--	--	1	2	--	--	--	--
	-	-	-	2	PROJECT	--	--	--	--	--	--	--	--	--	--	11	22	--	--
STAGE 2C SUBTOTAL						134		2		4		34		4		22		0	

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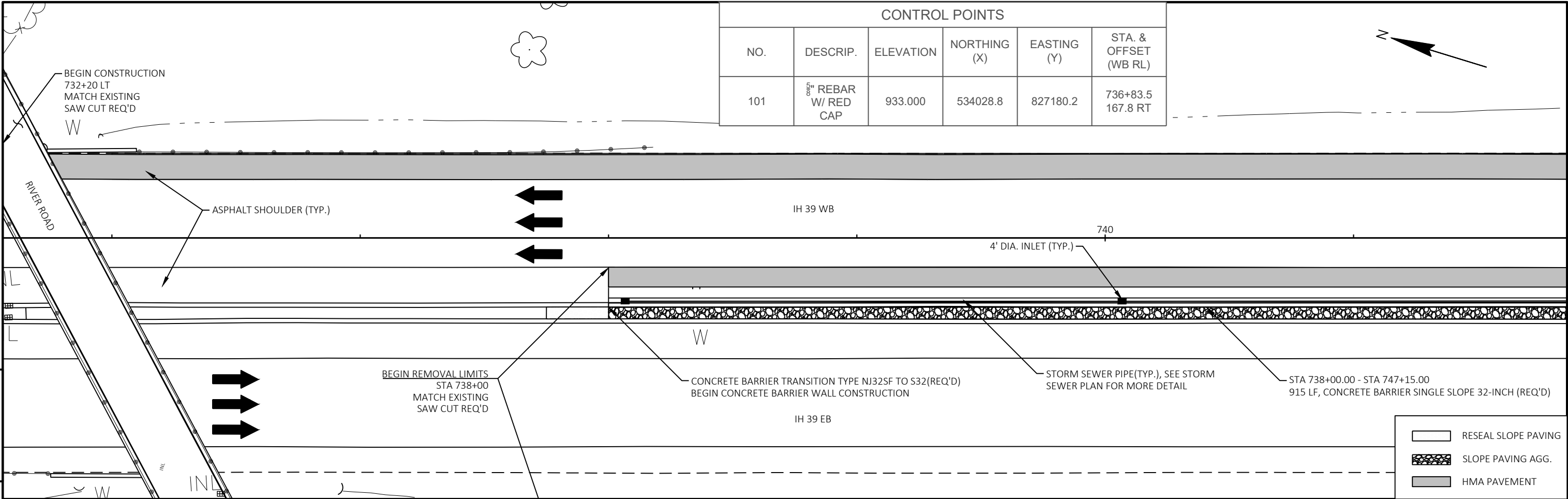
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TRAFFIC CONTROL (CONT.)																			
						643.0300		643.0420		643.0705		643.0715		643.0800		643.0900		643.1050	
						TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC	
						DRUMS		BARRICADES TYPE		WARNING LIGHTS		WARNING LIGHTS		ARROW BOARDS		SIGNS		CONTROL SIGNS	
CATEGORY	STATION	TO	STATION	DAYS	LOCATION	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY
0010																			
	STAGE 3A																		
	350+42	-	359+52	20	WESTBOUND	10	200	--	--	--	--	--	--	--	--	--	--	--	--
	359+52	-	361+50	20	WESTBOUND	4	80	--	--	--	--	4	80	1	20	--	--	--	--
	343+94	-	345+94	20	EASTBOUND	4	80	--	--	--	--	4	80	1	20	--	--	--	--
	345+94	-	354+98	20	EASTBOUND	10	200	--	--	--	--	--	--	--	--	--	--	--	--
	-	-	-	20	PROJECT	10	20	--	--	--	--	--	--	--	--	16	320	2	4
	STAGE 3A SUBTOTAL					580		0		0		160		40		320		4	
	STAGE 3B																		
	350+23	-	362+46	5	WESTBOUND	13	65	2	10	4	20	--	--	--	--	--	--	--	--
	362+46	-	371+07	5	WESTBOUND	18	90	--	--	--	--	18	90	1	5	--	--	--	--
	371+07	-	376+22	5	WESTBOUND	11	55	--	--	--	--	--	--	--	--	--	--	--	--
	376+22	-	376+60	5	WESTBOUND	5	25	--	--	--	--	--	--	1	5	--	--	--	--
	343+94	-	345+94	5	EASTBOUND	4	20	--	--	--	--	4	20	1	5	--	--	--	--
	345+94	-	354+98	5	EASTBOUND	10	50	--	--	--	--	--	--	--	--	--	--	--	--
	-	-	-	5	PROJECT	--	--	--	--	--	--	--	--	--	--	18	90	--	--
	STAGE 3B SUBTOTAL					305		10		20		110		15		90		0	
TOTAL 0010						2,493		46		92		814		75		834		20	

PAVEMENT MARKING												
					646.1020		646.1041.S		646.9010		649.0150	
					MARKING LINE EPOXY 4-INCH		MARKING REPLACE LINE WET REFLECTIVE EPOXY 4-INCH		MARKING REMOVAL LINE WATER BLASTING 4-INCH		TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH	
					WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE	YELLOW	
CATEGORY	STATION	TO	STATION	LOCATION	LF	LF	LF	LF	LF	LF	LF	REMARKS
0010	732+20	-	760+70	NORTH SECTION	--	--	--	--	--	8,550	2,850	SOLID TEMP. BETWEEN LANES AND EDGELINES SOLID EDGELINES 12.5' SKIPS BETWEEN LANES
0010	732+20	-	760+70	NORTH SECTION	2,850	2,850	--	2,850	2,850	--	--	
0010	732+20	-	760+70	NORTH SECTION	--	--	1,425	--	--	--	--	
TOTAL 0010					5,700		1,425	5,700		11,400		

					CONSTRUCTION STAKING					
					650.4000	650.4500	650.5000	650.7500	650.9910.01	
					CONSTRUCTION	CONSTRUCTION		CONSTRUCTION	CONSTRUCTION	
					STAKING STORM	STAKING	CONSTRUCTION	STAKING	STAKING	
					SEWER	SUBGRADE	STAKING BASE	CONCRETE	SUPPLEMENTAL	
					EACH	LF	LF	BARrier	CONTROL (PROJECT)	
CATEGORY	STATION	TO	STATION	LOCATION					(01. 1011-01-34)	REMARKS
0010	351+21	-	354+46	SOUTH SECTION	1	--	--	--	0.5	EXTENSION OF MAINT CROSSOVER
0010	352+61	-	353+23	SOUTH SECTION	--	62	62	--	--	
0010	738+00	-	747+40	NORTH SECTION	6	940	940	940	0.5	
TOTAL 0010					7	1,002	1,002	940	1	

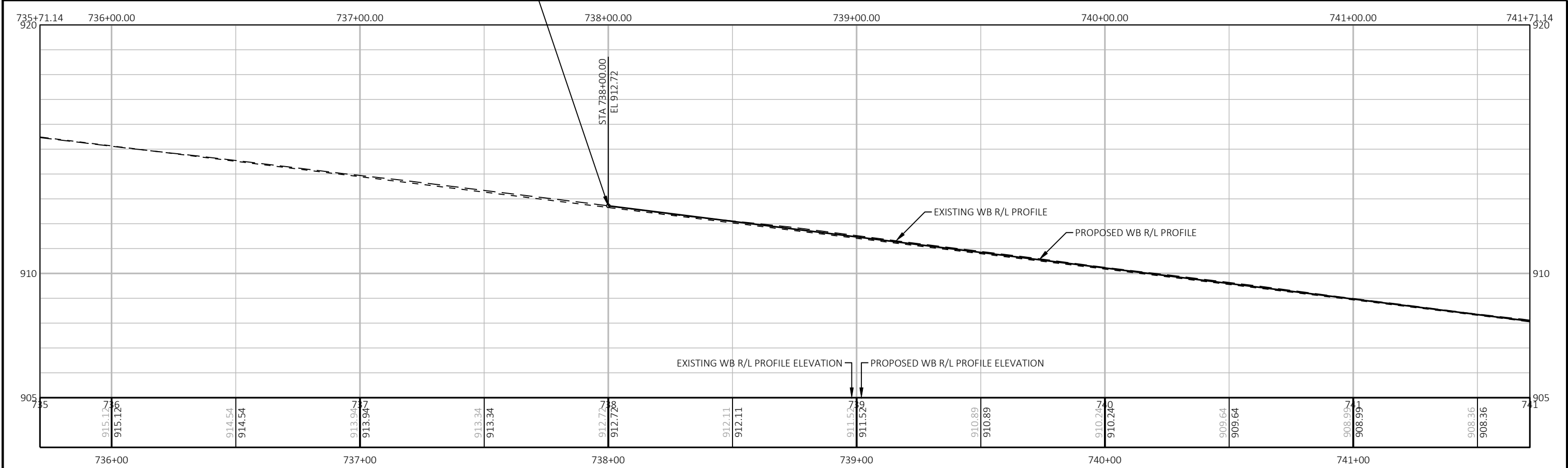
SAWING				
		690.0150	690.0250	
		SAWING	SAWING	
		ASPHALT	CONCRETE	
CATEGORY	LOCATION	LF	LF	REMARKS
0010	CROSS OVER ALONG WB SHOULDER	40	--	
0010	CROSS OVER ALONG EB SHOULDER	40	--	
0010	351+21.00	15	--	
0010	353+83 - 353+95	12	--	EXIST ASPHALT FLUME
0010	354+45.88	15	--	
0010	738+00	16	--	
0010	747+40	16	--	
0010	CUT ALONG CONCRETE PAVEMENT	--	940	CUT 9' FROM EDGELINE
TOTAL 0010		154	940	



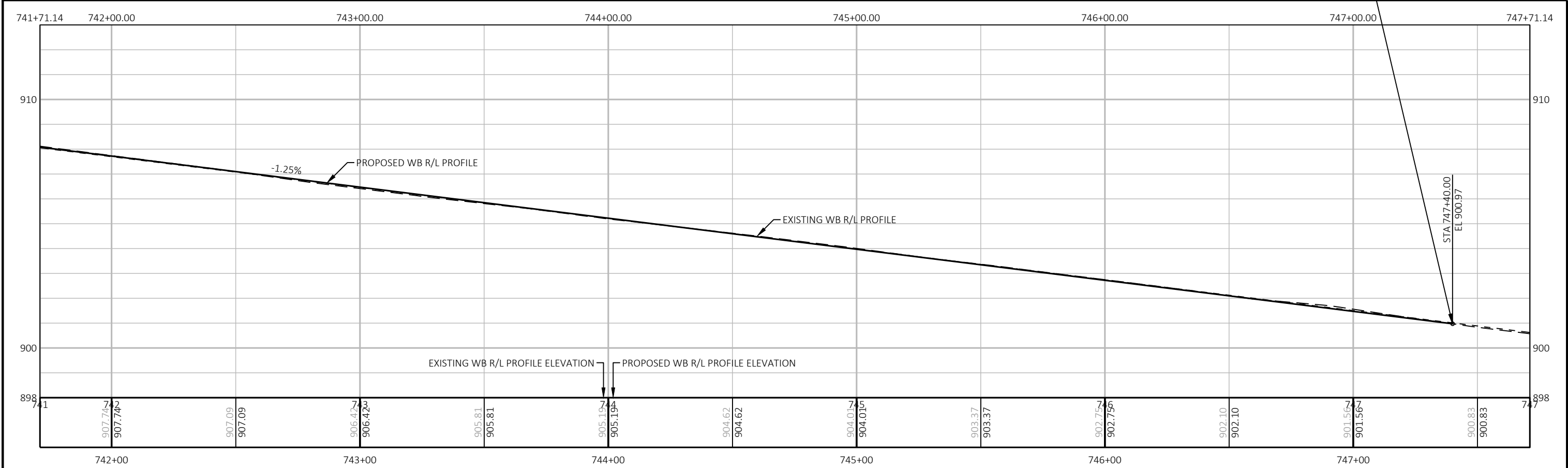
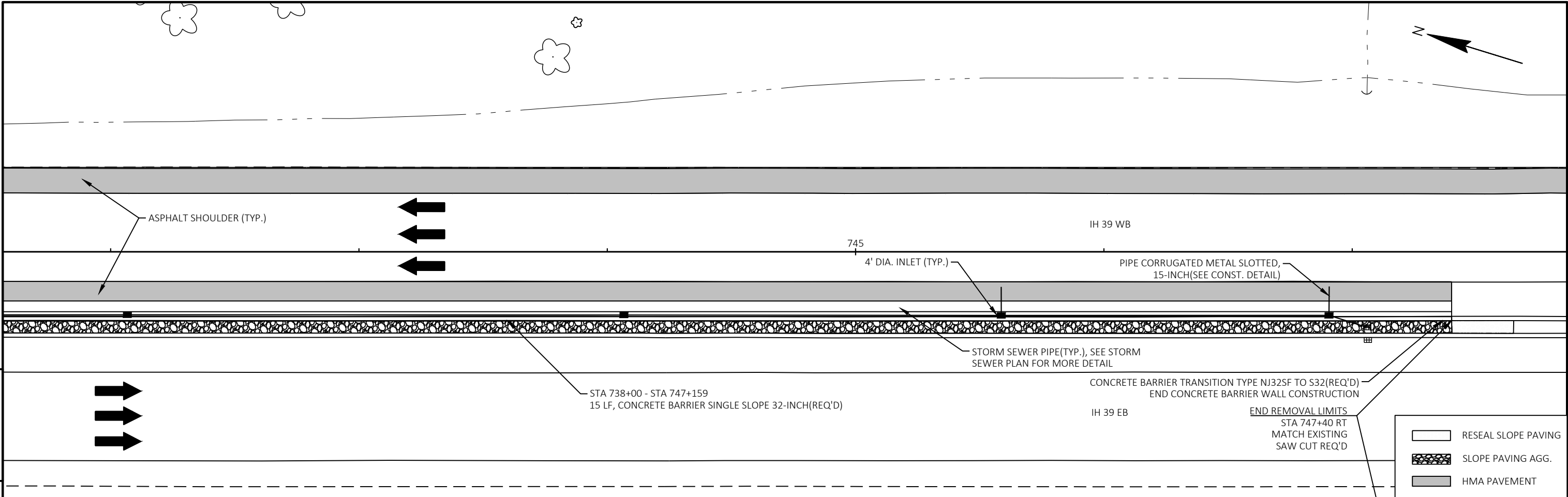
CONTROL POINTS					
NO.	DESCRIP.	ELEVATION	NORTHING (X)	EASTING (Y)	STA. & OFFSET (WB RL)
101	5" REBAR W/ RED CAP	933.000	534028.8	827180.2	736+83.5 167.8 RT



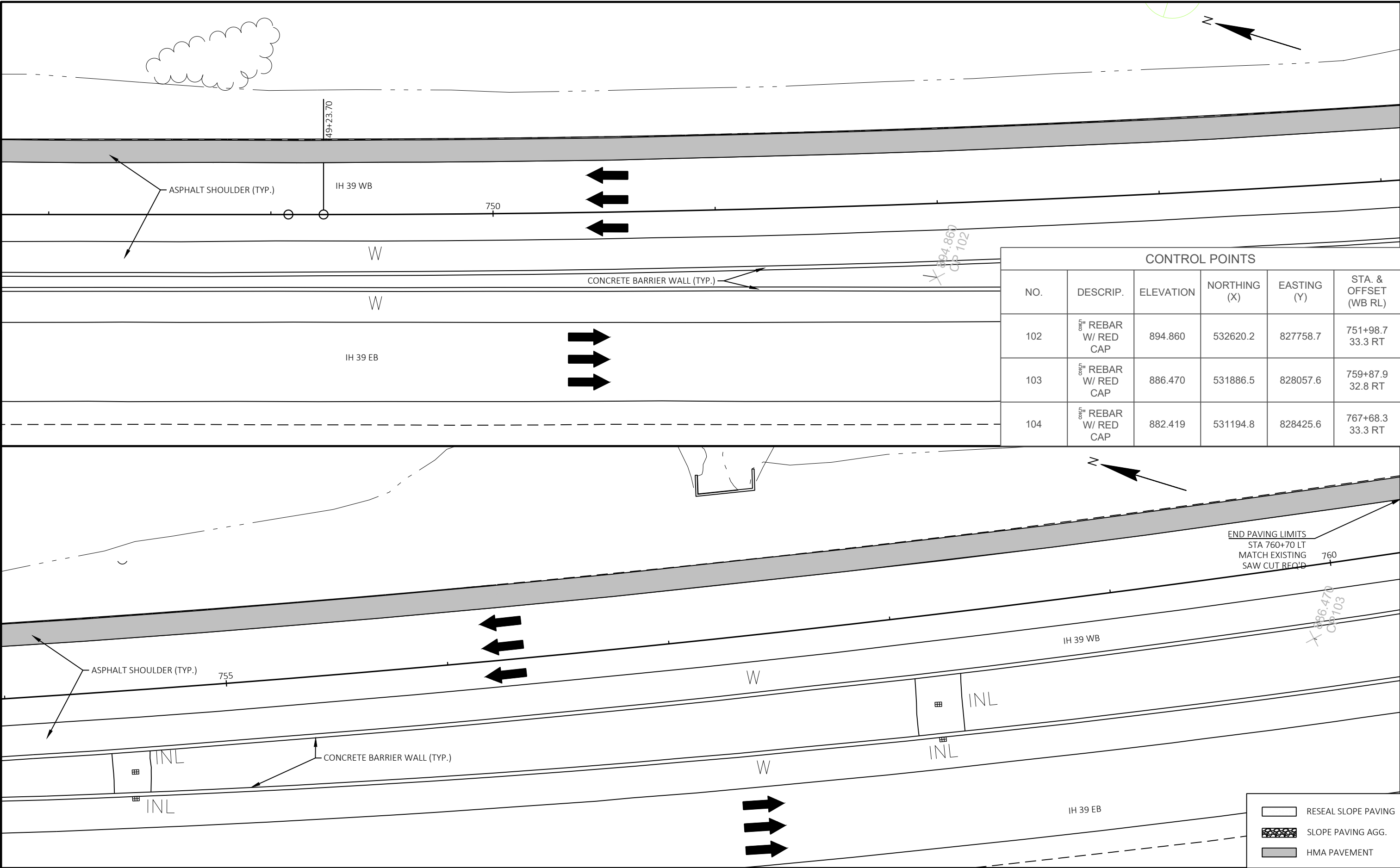
- RESEAL SLOPE PAVING
- SLOPE PAVING AGG.
- HMA PAVEMENT

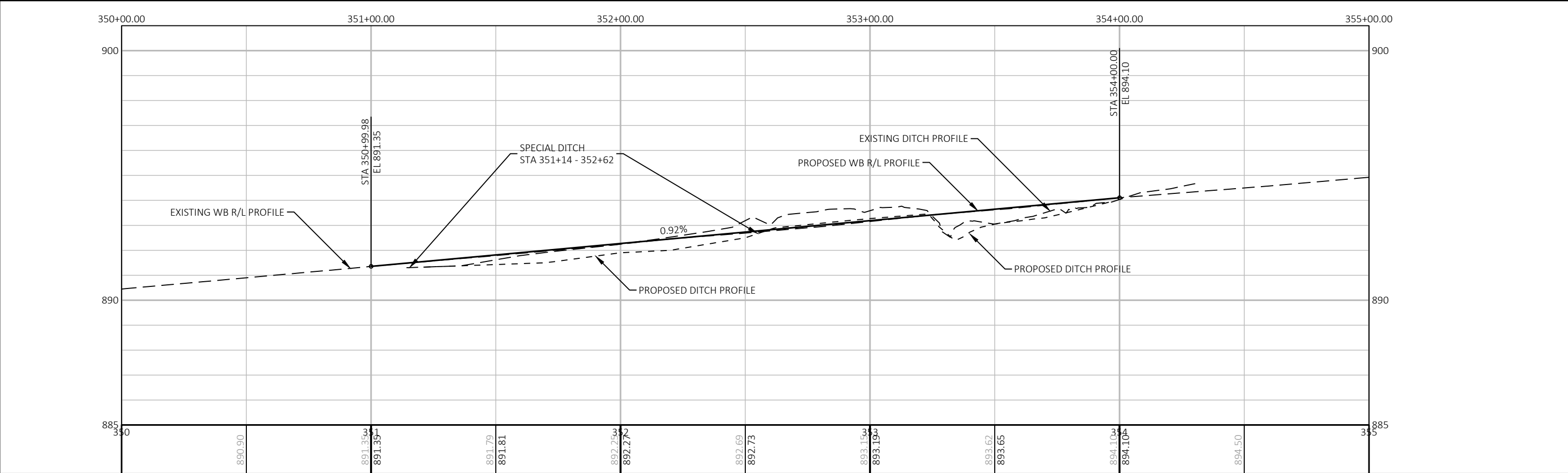
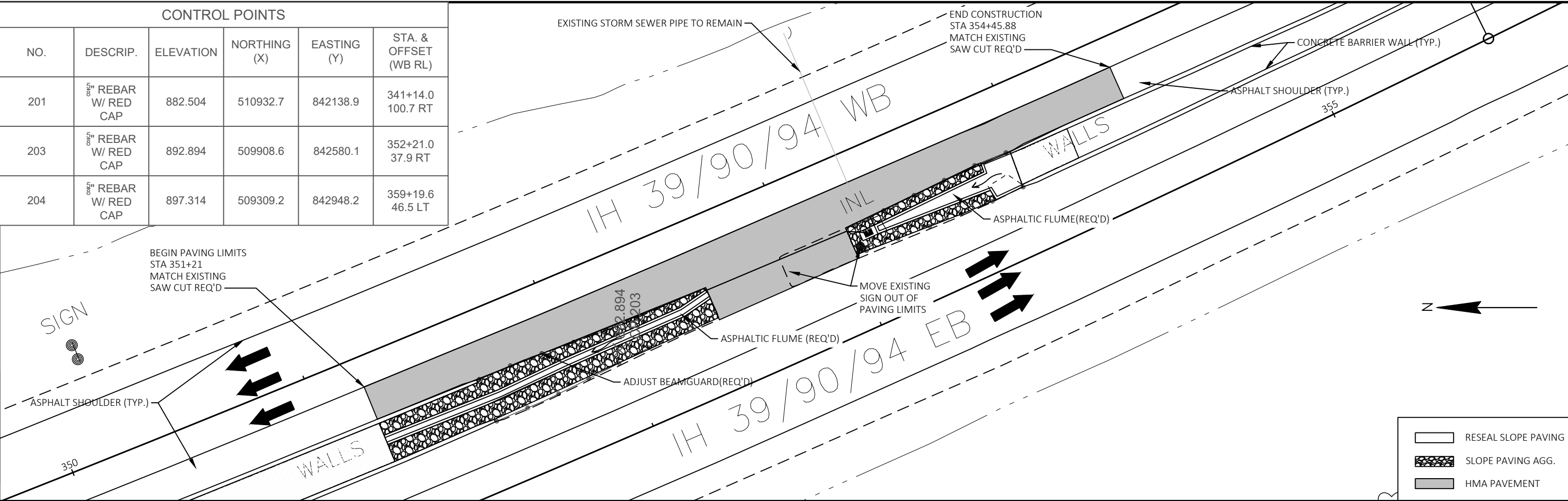


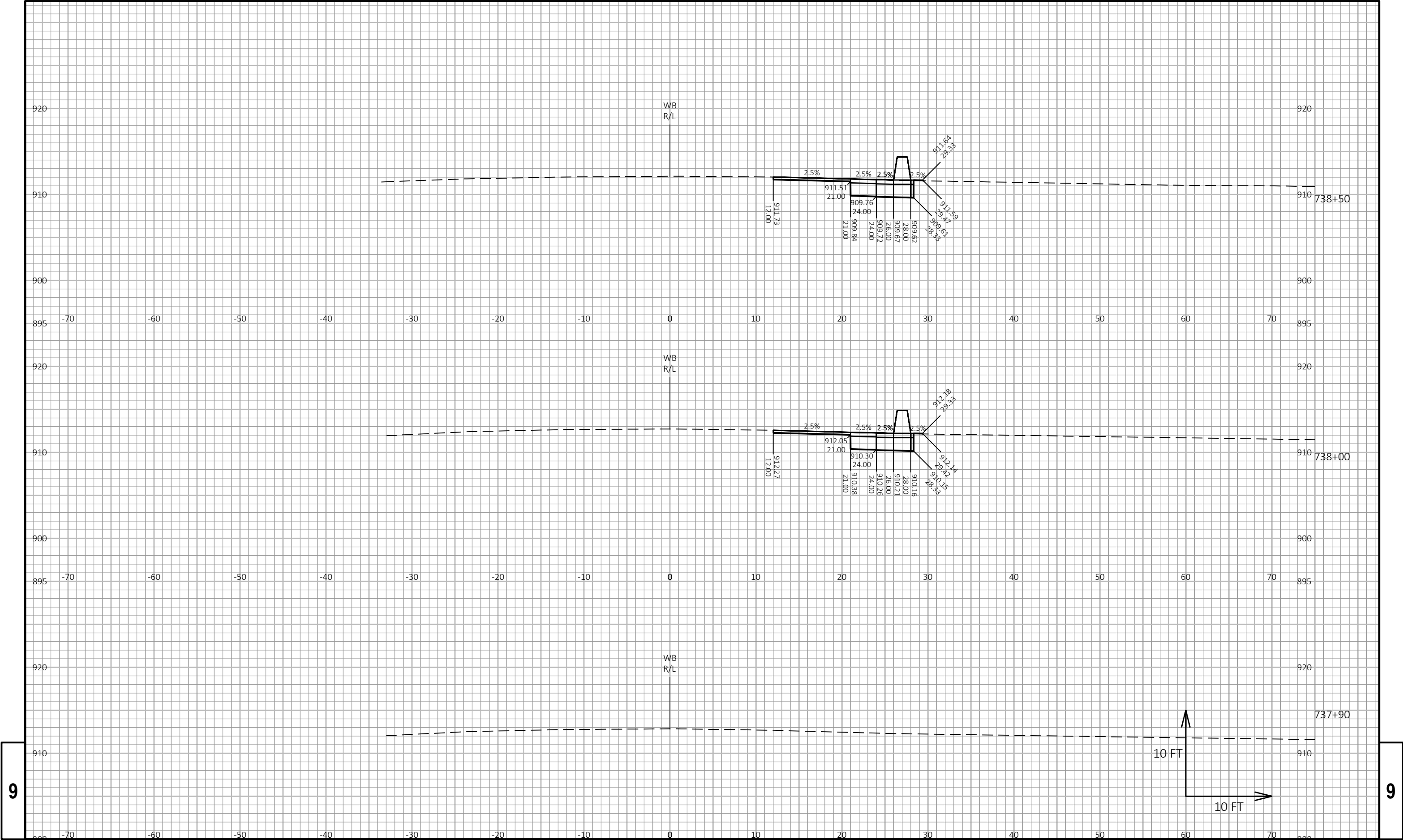
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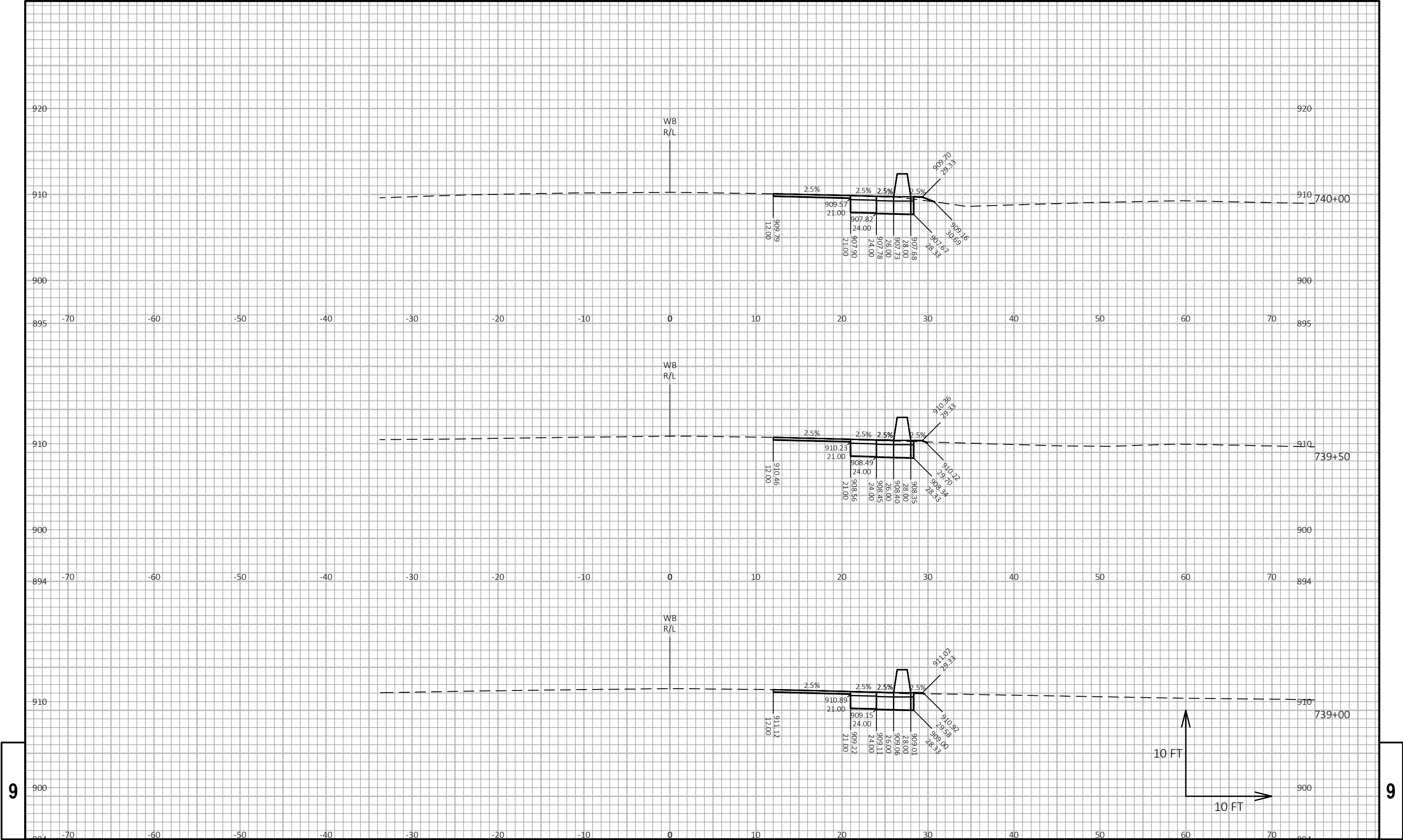


PROJECT NO: 1011-01-64	HWY: IH 39	COUNTY: DANE	PLAN AND PROFILE: IH 39 WB	SHEET	E
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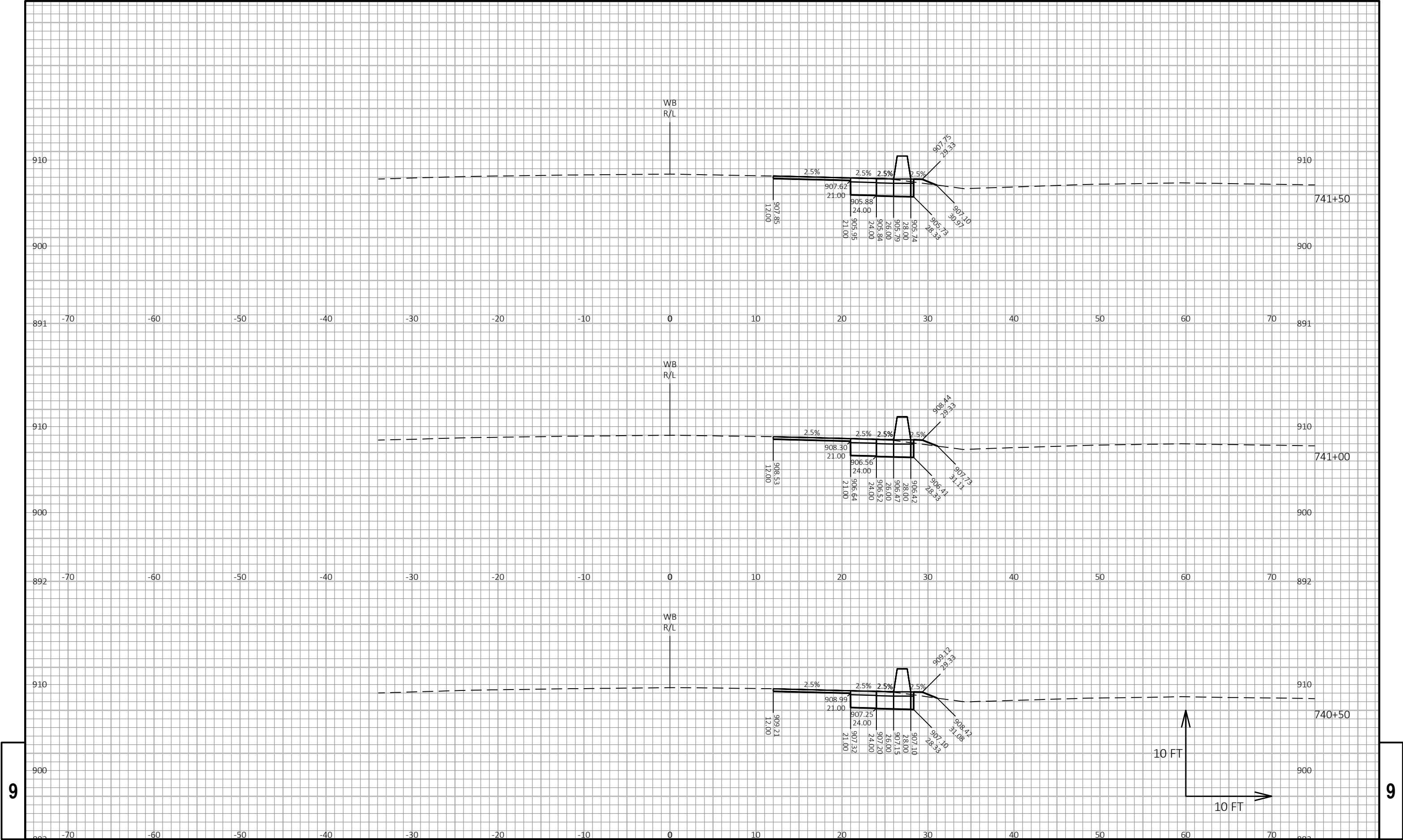






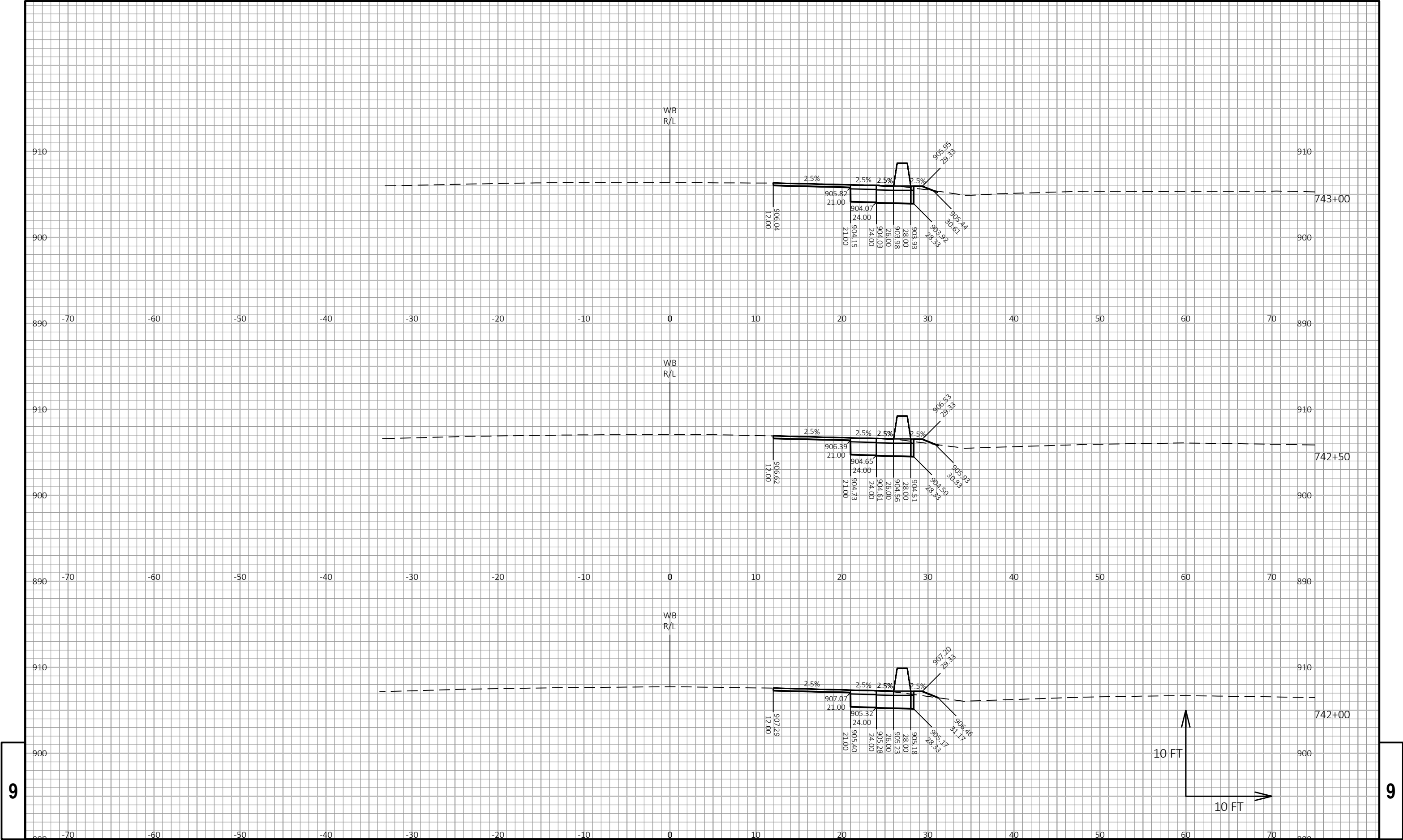
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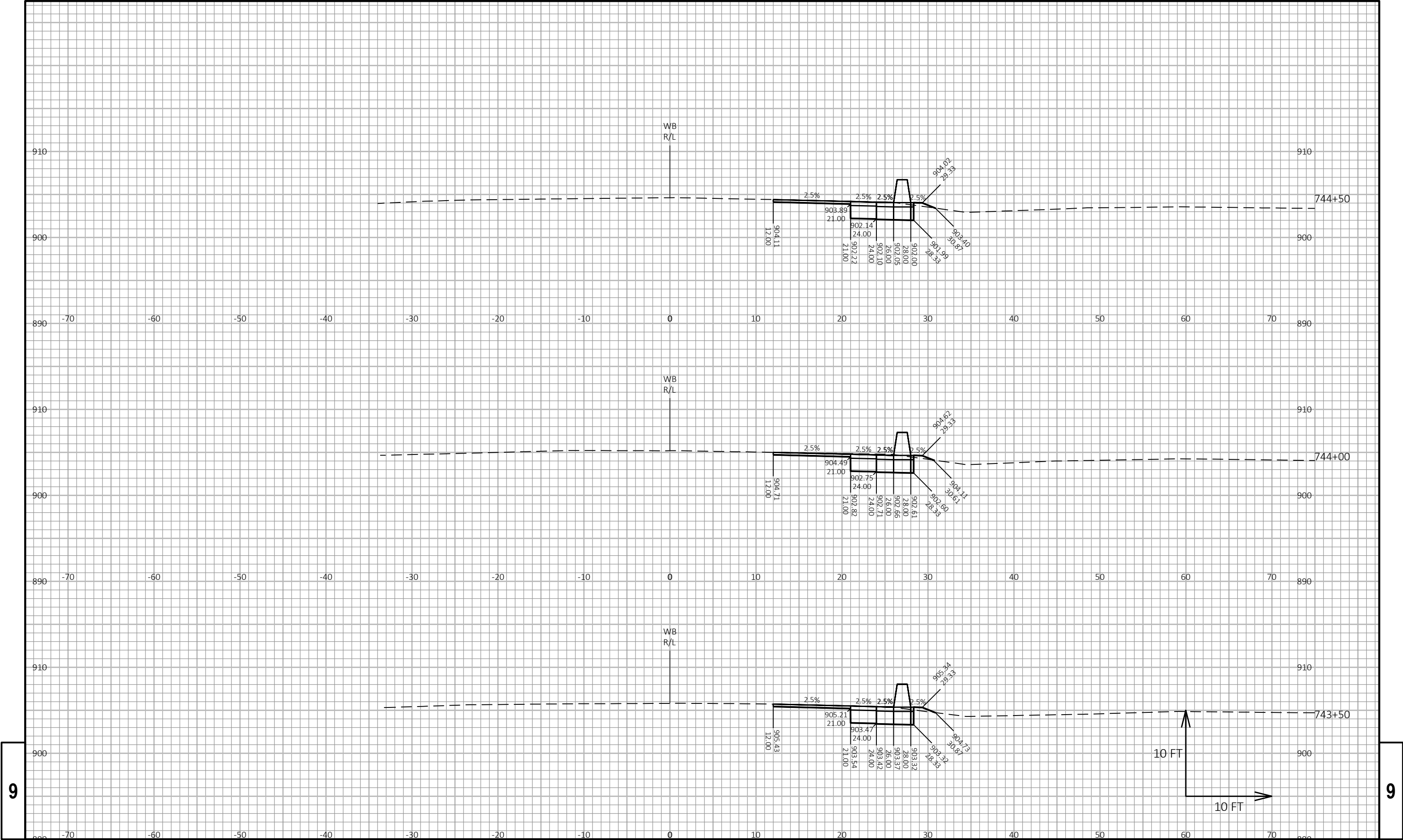
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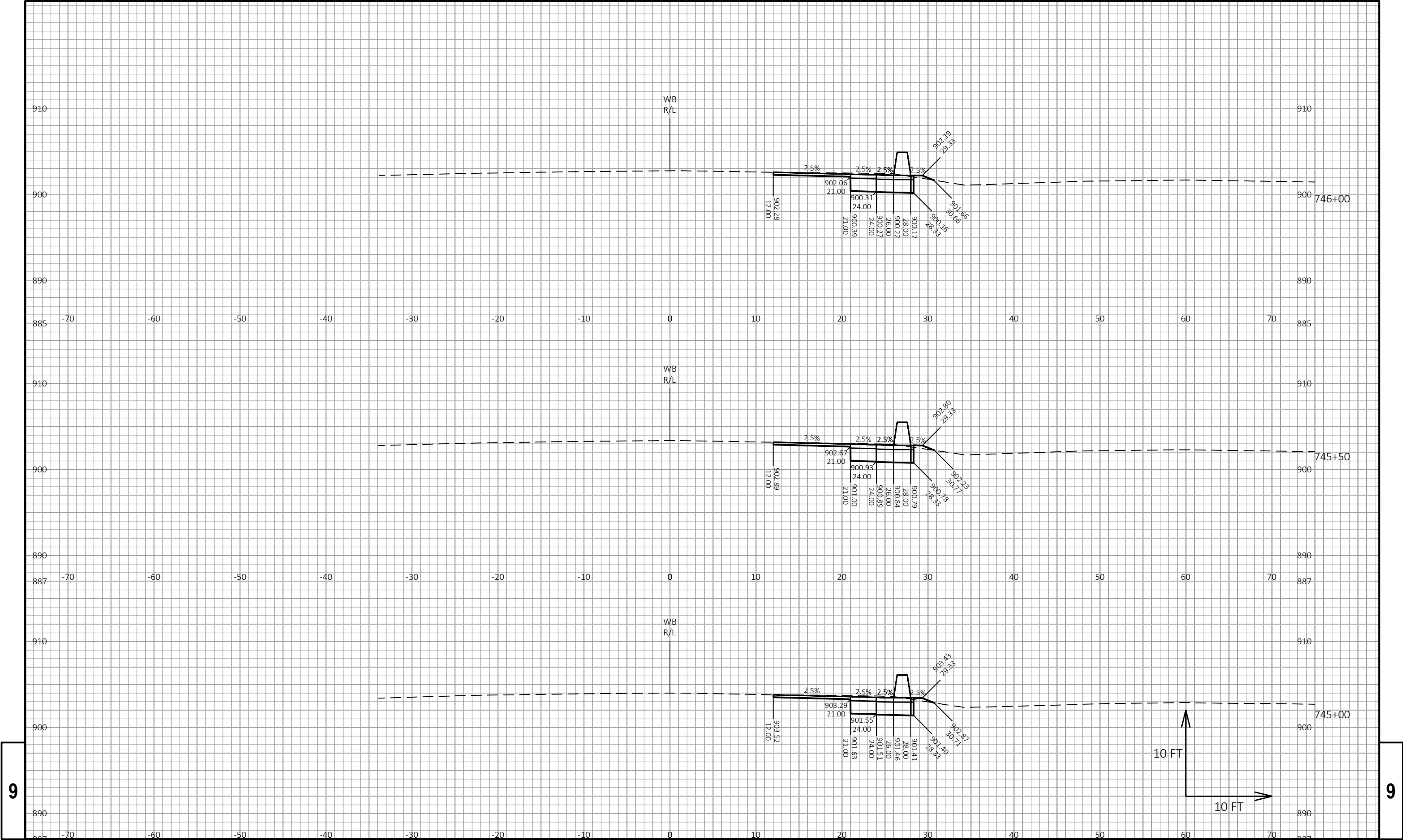
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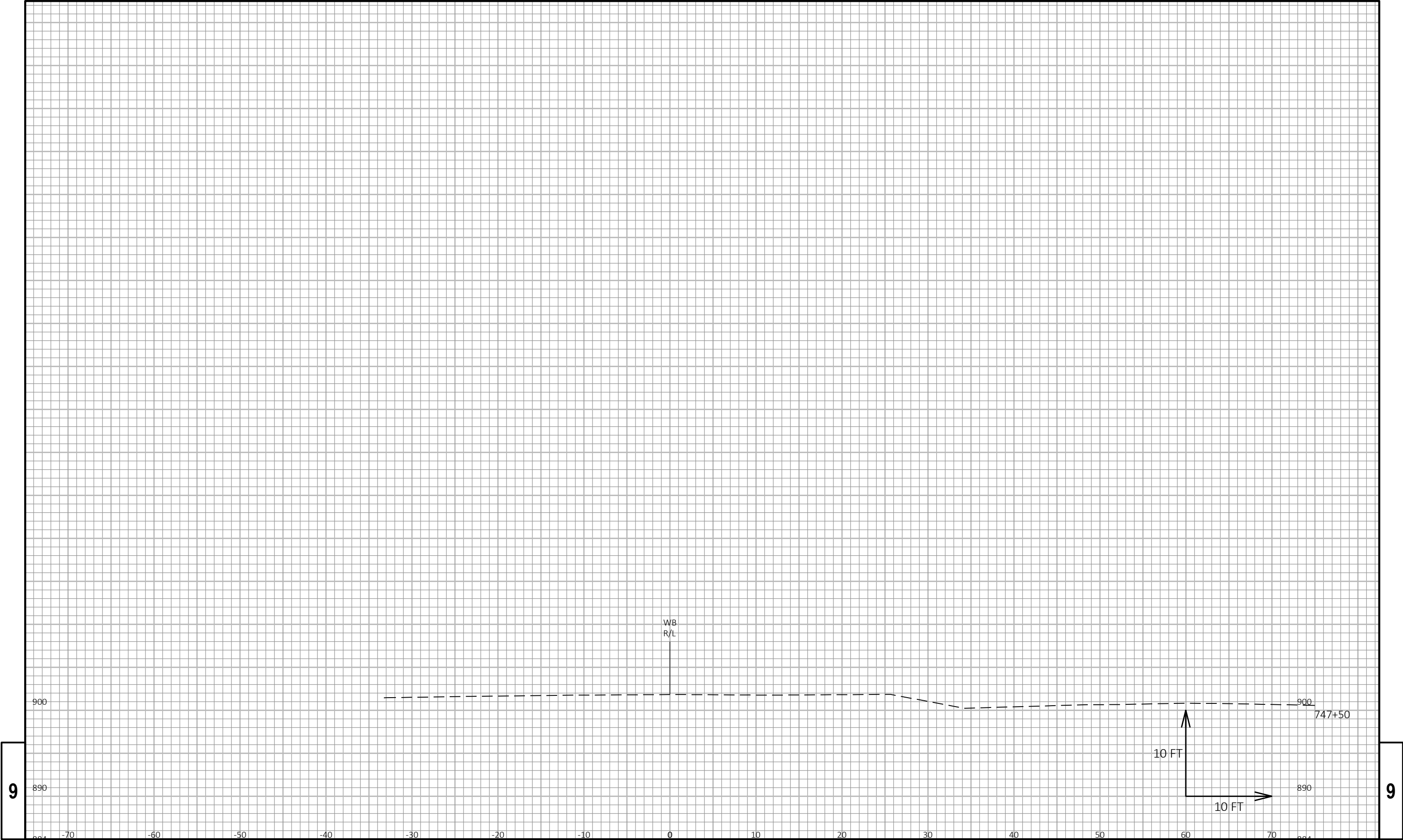
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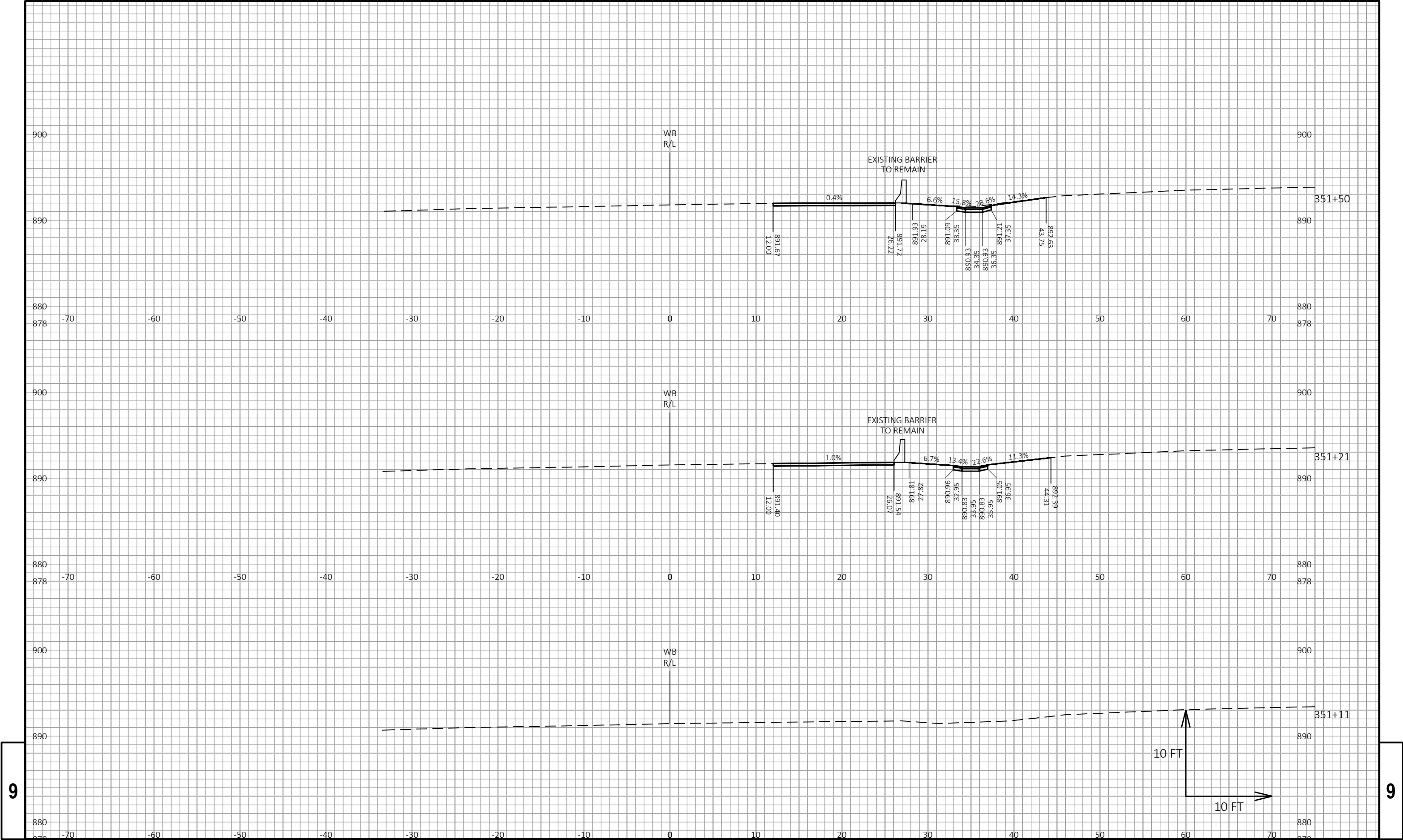
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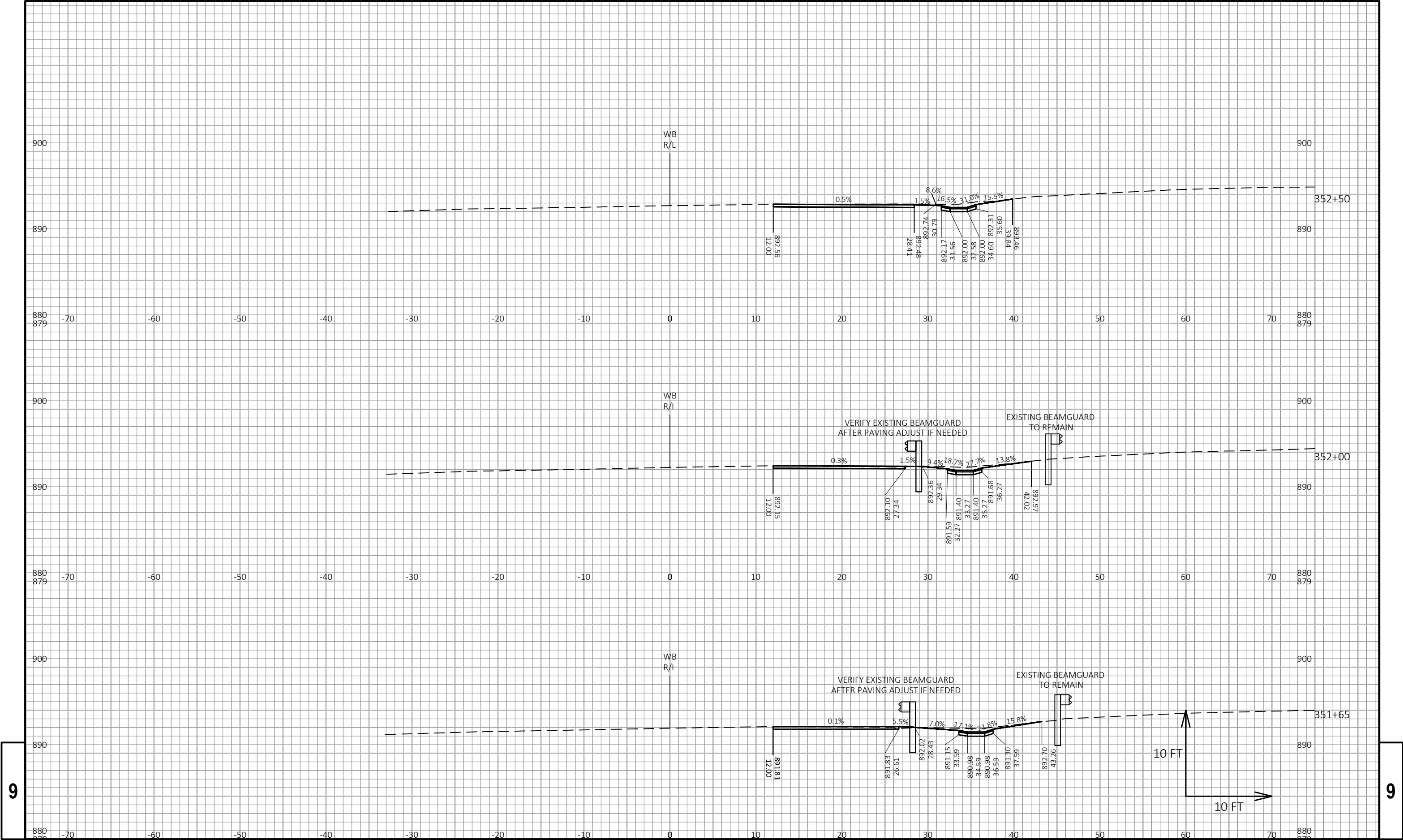
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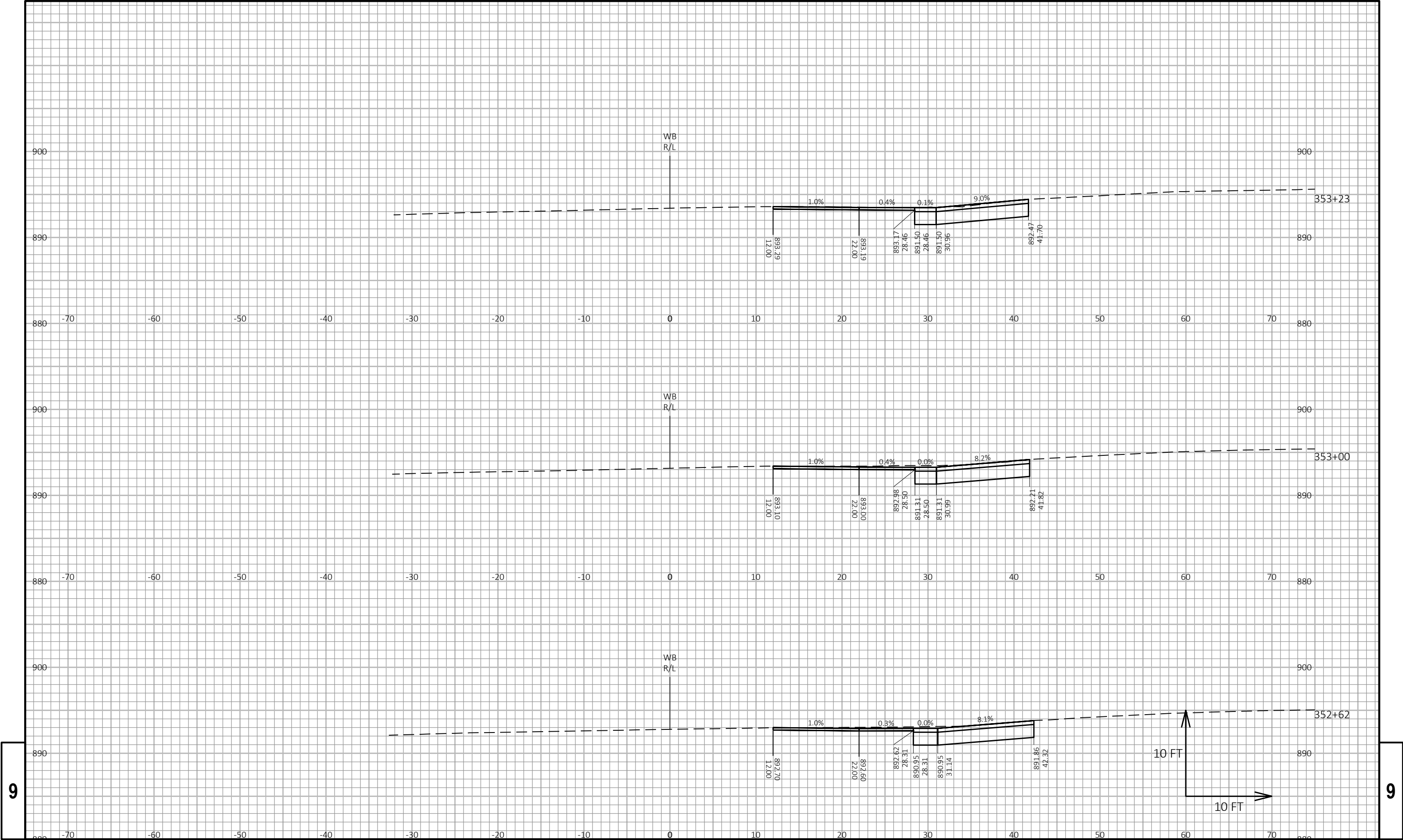
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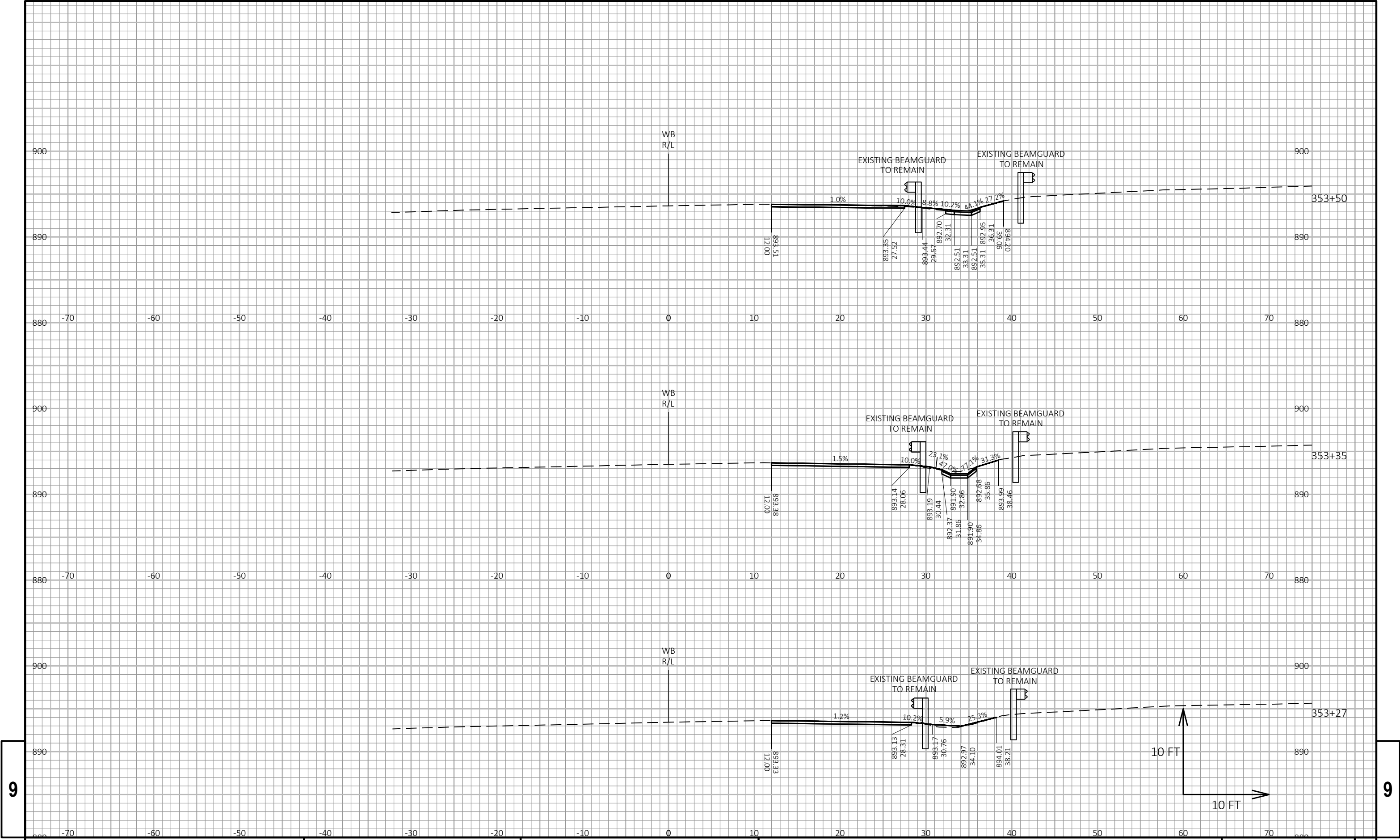


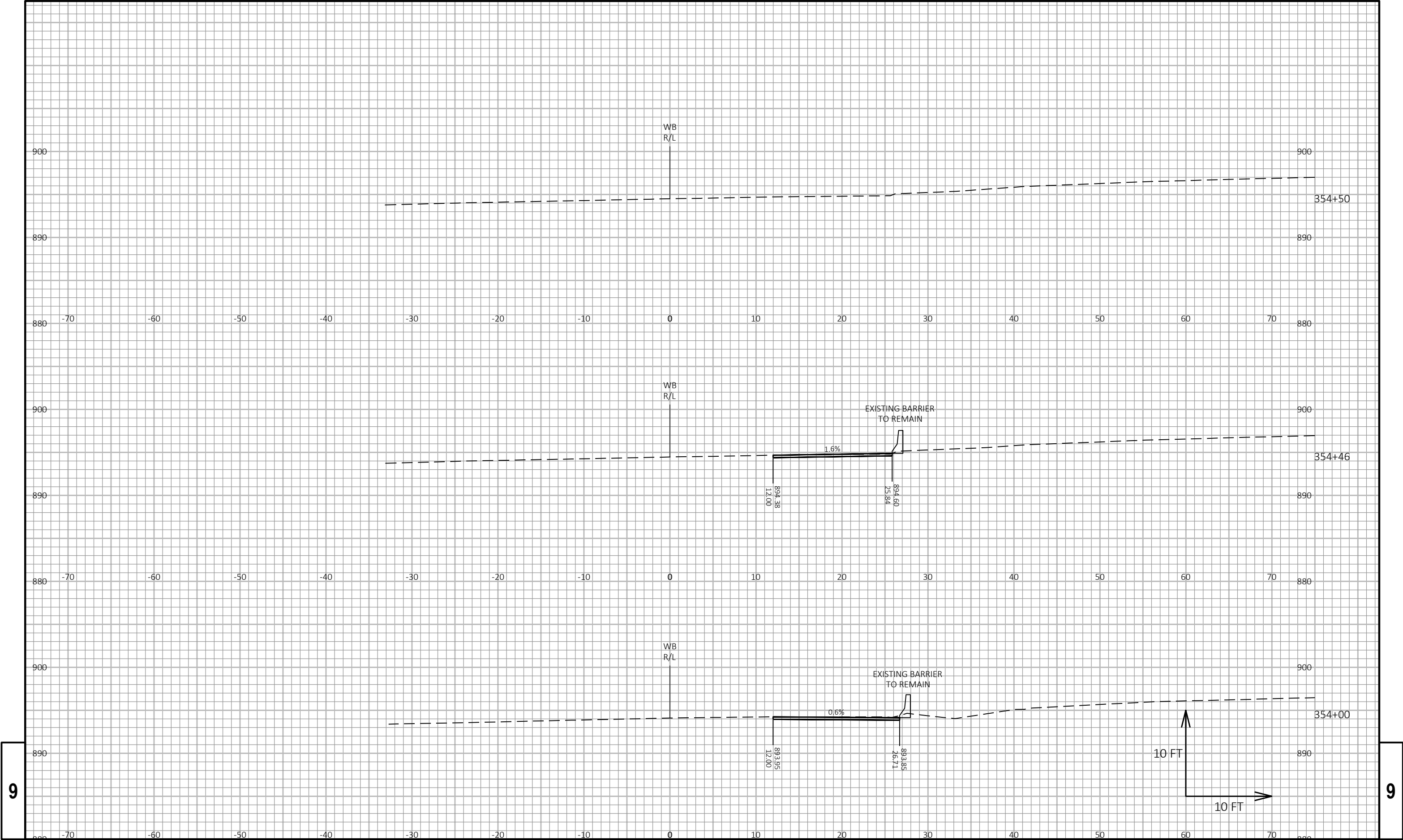
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