

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

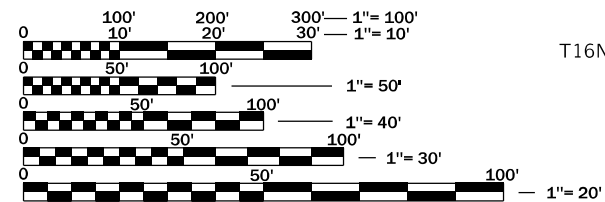
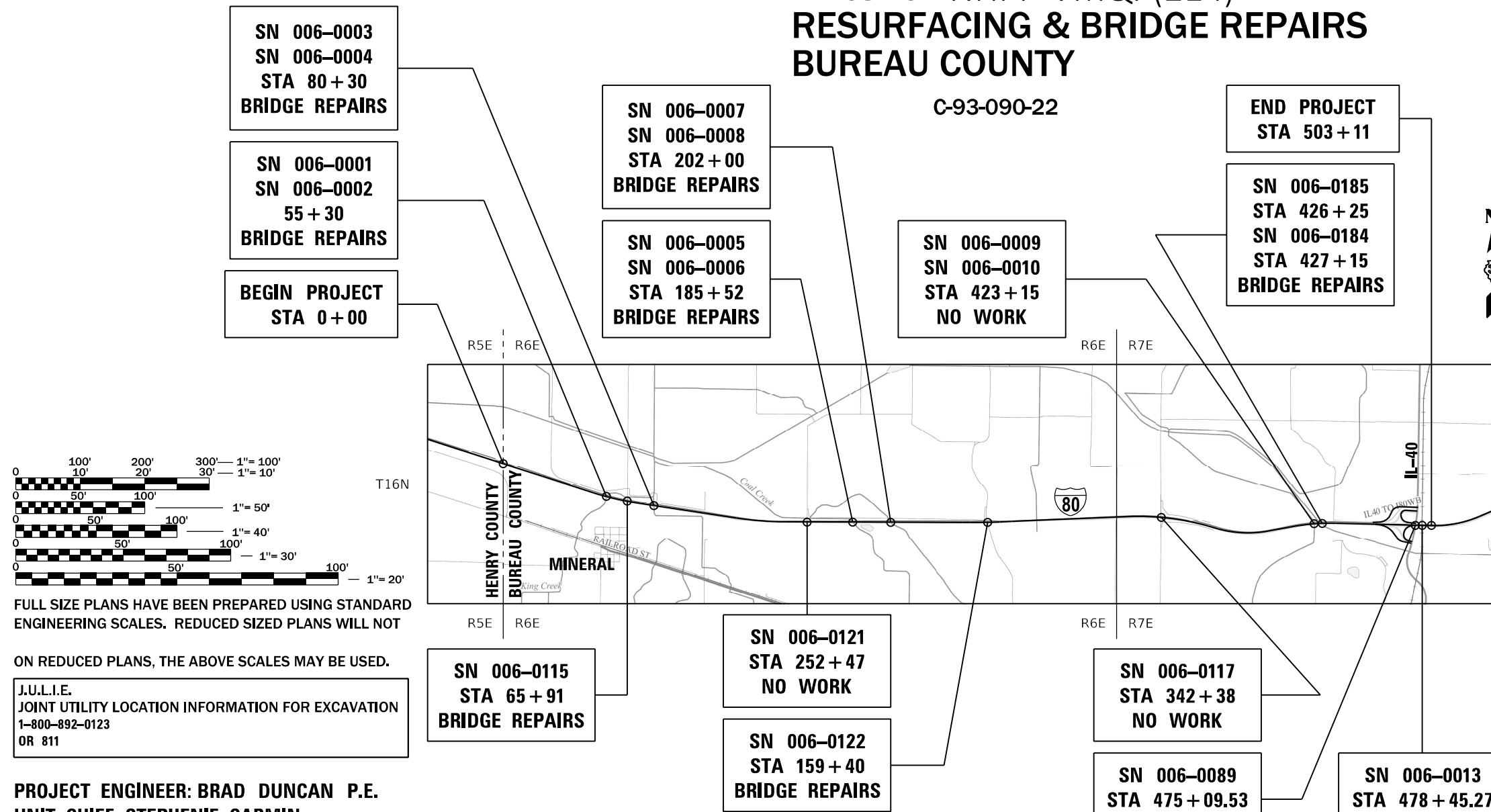
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	1
		ILLINOIS	CONTRACT NO. 66J65	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

# PROPOSED HIGHWAY PLANS

FAI 80 (I-80)  
SECTION (06-1,06-2)RS-4, BRR  
PROJECT NHPP-VMQP(214)  
RESURFACING & BRIDGE REPAIRS  
BUREAU COUNTY

C-93-090-22

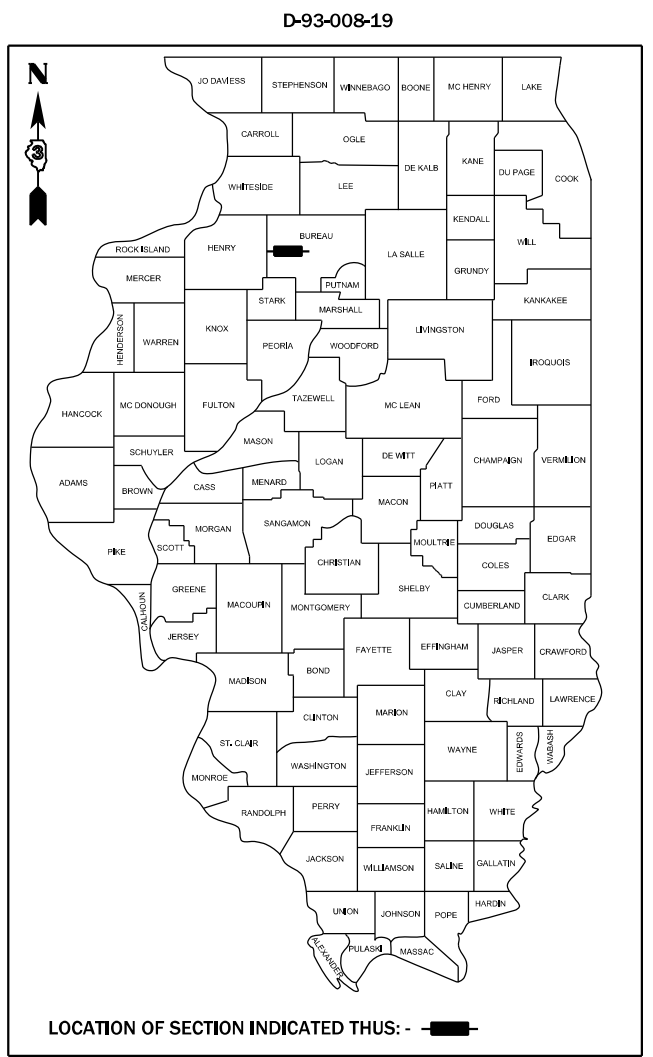


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: BRAD DUNCAN P.E.  
UNIT CHIEF: STEPHENIE CARMIN  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66J65

GROSS LENGTH = 50,311 FT. = 9.529 MILES  
NET LENGTH = 49,232 FT. = 9.324 MILE



LOCATION OF SECTION INDICATED THIS: - [Black Box] -

**FUNCTIONAL CLASSIFICATION**  
INTERSTATE  
2022 ADT = 17200  
PV = 45.93% SU = 6.1% MU = 45.97%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SUBMITTED February 2, 2023  
*James D. Alford* REGIONAL ENGINEER  
March 24, 2023  
*Scott A. Etk* ENGINEER OF DESIGN AND ENVIRONMENT  
March 24, 2023  
*Stephen McNeill* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**GENERAL NOTES**

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMPS FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
BITUMINIOUS MATERIAL TACK COAT	0.025	LBS/ SQ ST
BITUMINIOUS MATERIAL TACK COAT	0.05	LBS/ SQ ST
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

**GENERAL NOTES CONTINUED**

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

- |                         |                        |
|-------------------------|------------------------|
| CORN BELT ENERGY        | ANR PIPELINE CO        |
| FRONTIER                | AT&T                   |
| HENRY COUNTY TELEPHONE  | MTCO COMMUNICATIONS    |
| AMEREN IP               | MIDWEST FIBER NETWORKS |
| NATURAL GAS PIPELINE CO | MEDIACOM               |
| PATRIOT RENEWABLE FUELS |                        |

**HMA MIXTURE REQUIREMENT TABLE**

LOCATIONS:	I-80	I-80 & IL 40 RAMPS	I-80 & IL 40 RAMPS	I-80	I-80	IL-40 RAMP SHOULDER	IL-40 RAMP SHOULDER
MIXTURE USE(S):	HMA BINDER	HMA BINDER	SMA SURFACE	HMA SHOULDER BOTTOM LIFT(S)	HMA SHOULDER TOP LIFT	HMA SHOULDER BOTTOM LIFT	SMA SHOULDER TOP LIFT
BINDER GRADE (PG):	PG 64-22	SBS PG 70-28	SBS PG 76-28	PG 64-22	PG 64-22	SBS PG 70-28	SBS PG 76-28
DESIGN AIR VOIDS:	4.0% @ N90	4.0% @ N90	4.0% @ N80	4.0% @ N70	4.0% @ N70	4.0% @ N90	4.0% @ N80
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 19.0	IL 12.5	IL 19.0	IL 9.5	IL 19.0	IL 12.5
FRICITION AGGREGATE:			MIXTURE E		MIXTURE D		MIXTURE E
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	PFP	PFP	PFP	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	1000 TONS	1000 TONS	1000 TONS	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR
MATERIAL TRANSFER DEVICE (REQUIRED)	YES	YES	YES	NO	NO	NO	NO

**COMMITMENTS**

- 1) TREES OR SAPLINGS GREATER THAN 3 INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE REMOVED FROM APRIL 1 TO SEPTEMBER 30.
- 2) D3 OPERATIONS MUST BE NOTIFIED 21 DAYS, OR MORE, PRIOR TO CLOSING THE IL-40 INTERCHANGE RAMPS.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

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**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

BLR 21-9	TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
542526-03	INLET BOX TYPE 24 F
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602401-07	PRECAST MANHOLE, TYPE A 4' DIAMETER
604001-05	FRAME AND LIDS, TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 INCH
643001-02	SAND MODULE IMPACT ATTENUATORS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701316-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS ≥ 45 MPH
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
701416-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
701426-09	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
825001-04	LIGHTING CONTROLLER, POLE MOUNTED, 240V
830026-01	TEMPORARY ROADWAY LIGHTING

FILE NAME =	USER NAME = Stephenie, Camlin	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SCHEDULES, INDEX OF DETAILS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65								
	PLOT DATE = 2/21/2023	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

## SUGGESTED STAGING PLAN

### PRESTAGE

- Resurface Eastbound and Westbound Lanes to the east of Station 437+24
  - o One lane closed each direction
  - o Temporary Concrete Median Barrier to be used
- Resurface the Interchange Ramps
  - o Ramp closures required
- Construct the new Median Crossover on the West Side of the Project
- Remove Type B & D inlets at structures and replace with Concrete Patches and Riprap Chutes
- Reconstruct shoulders along the entire project length in preparation for traffic during later stages
  - o Replace/modify guardrail in preparation for bidirectional traffic
- Drainage work along the east end of the project includes
  - o Significant drainage work between SN 006-0089 and SN 006-0013
  - o Ditch Grading and Shaping

### STAGE 1

- Reconstruct the Eastbound Direction Lanes
  - o Use of Median Crossovers will put multidirectional traffic on the Westbound Directional Lanes during this stage.
  - o Temporary Concrete Median Barrier to be used
- Complete drainage work on the south side of the roadway: notable tasks including...
  - o Repairing a culvert punctured by guardrail
  - o Ditch shaping and grading

### STAGE 2

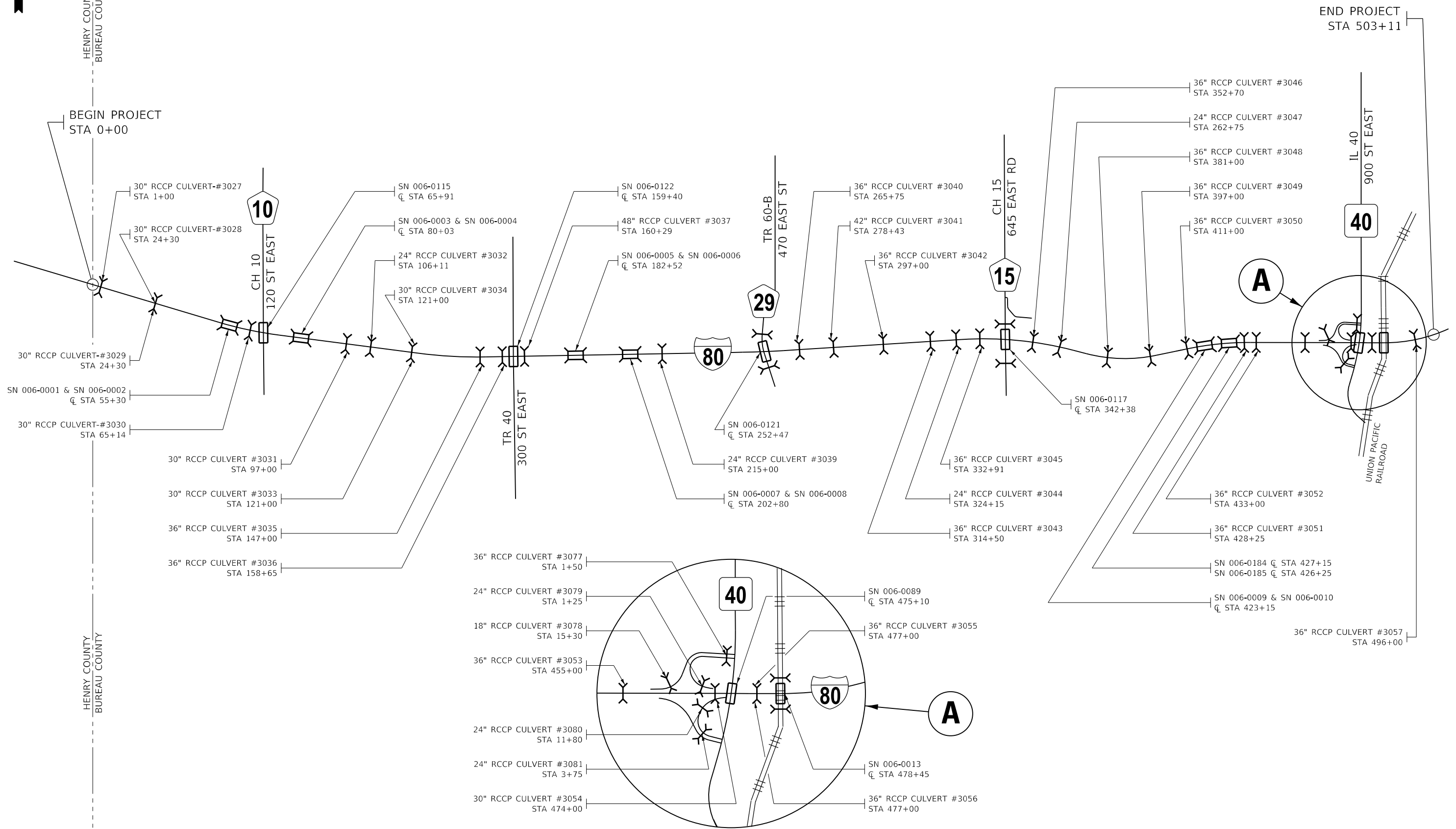
- Reconstruct the Westbound Direction Lanes
  - o Use of Median Crossovers will put multidirectional traffic on the Eastbound Directional Lanes during this stage.
  - o Temporary Concrete Median Barrier to be used
- Complete drainage work on the North Side of the Roadway: notable tasks including...
  - o Coal Creek restoration
  - o Underdrain extension
  - o Ditch shaping and grading

### UNSCHEDULED ITEMS

- Bridge work on multiple structures
- Median drainage work

FILE NAME =	USER NAME = Cody, M. Johnson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGING PLAN</b>				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65								
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

# HENRY CO LINE TO EAST OF IL 40



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 PROJECT: D:\Projects\1036665\CADD\Bureau\1036665-162-162.dwg  
 PLOT DATE: 2/3/2023

USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET		OF SHEETS		STA.	TO STA.

**LOCATION MAP**  
**DRAINAGE STRUCTURES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	

# HENRY CO LINE TO EAST OF IL 40

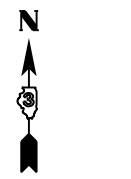
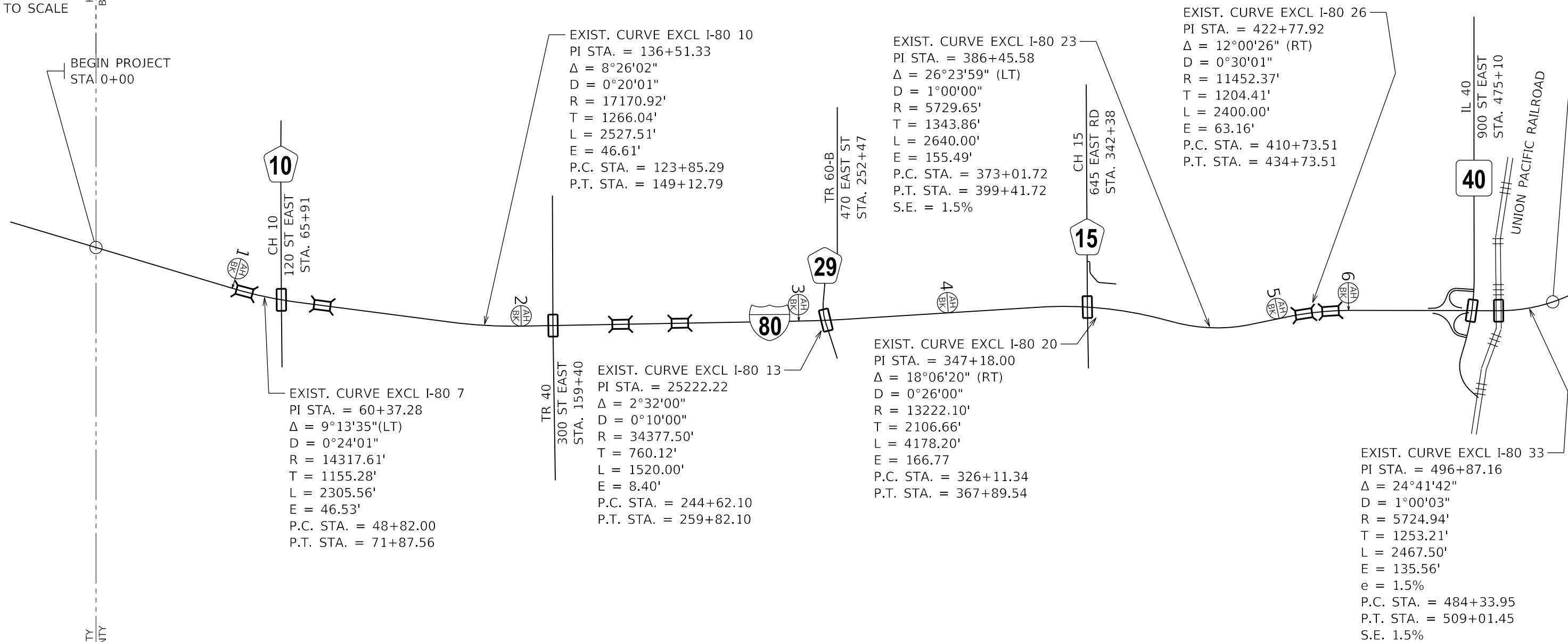


DIAGRAM  
NOT  
TO SCALE

HENRY COUNTY  
BUREAU COUNTY

BEGIN PROJECT  
STA 0+00

END PROJECT  
STA 503+11



STATION EQUATIONS	
1 - STA 48+82.50 BK = STA 48+82.00 AH	
2 - STA 149+12.79 BK = STA 149+14.09 AH	
3 - STA 244+60.87 BK = STA 244+62.10 AH	
4 - STA 295+97.90 BK = STA 296+00.00 AH	
5 - STA 410+67.83 BK = STA 410+73.51 AH	
6 - STA 434+73.51 BK = STA 434+71.32 AH	

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HENRY COUNTY  
BUREAU COUNTY

USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100.00000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:		LOCATION MAP	
		LINE DIAGRAM - MAINLINE	
SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	6
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	

# NORTH RAMPS

# SOUTH RAMPS

EXIST. CURVE EXBL\_RAMPA\_3  
 PI STA. = 8+14.54  
 $\Delta = 71^\circ 52' 36''$  (LT)  
 D = 19°01'39"  
 R = 301.12'  
 T = 218.28'  
 L = 377.75'  
 E = 70.79'  
 P.C. STA. = 5+96.26  
 P.T. STA. = 9+74.01

EXIST. CURVE EXBL\_RAMPD\_1  
 PI STA. = 3+94.51  
 $\Delta = 59^\circ 11' 13''$  (RT)  
 D = 8°14'53"  
 R = 694.65'  
 T = 394.51'  
 L = 717.58'  
 E = 104.21'  
 P.C. STA. = 0+00.00  
 P.T. STA. = 7+17.58

EXIST. CURVE EXBL\_RAMPA\_6  
 PI STA. = 14+90.63  
 $\Delta = 67^\circ 27' 43''$  (RT)  
 D = 13°17'33"  
 R = 431.04'  
 T = 287.80'  
 L = 507.52'  
 E = 87.25'  
 P.C. STA. = 12+02.83  
 P.T. STA. = 17+10.35

EXIST. CURVE EXBL\_RAMPD\_4  
 PI STA. = 11+27.72  
 $\Delta = 48^\circ 18' 18''$  (LT)  
 D = 15°31'49"  
 R = 368.93'  
 T = 165.44'  
 L = 311.04'  
 E = 35.39'  
 P.C. STA. = 9+62.28  
 P.T. STA. = 12+73.32

EXIST. CURVE EXBL\_RAMPB\_1  
 PI STA. = 1+03.79  
 $\Delta = 16^\circ 59' 46''$  (RT)  
 D = 8°14'53"  
 R = 694.65'  
 T = 103.79'  
 L = 206.06'  
 E = 7.71'  
 P.C. STA. = 0+00.00  
 P.T. STA. = 2+06.06

EXIST. CURVE EXBL\_RAMPC\_3  
 PI STA. = 4+92.17  
 $\Delta = 82^\circ 25' 56''$  (RT)  
 D = 19°36'21"  
 R = 292.24'  
 T = 255.98'  
 L = 420.45'  
 E = 96.26'  
 P.C. STA. = 2+36.19  
 P.T. STA. = 6+56.64

EXIST. CURVE EXBL\_RAMPB\_2  
 PI STA. = 4+53.66  
 $\Delta = 70^\circ 55' 24''$  (RT)  
 D = 16°28'56"  
 R = 347.62'  
 T = 247.60'  
 L = 430.30'  
 E = 79.17'  
 P.C. STA. = 2+06.06  
 P.T. STA. = 6+36.36

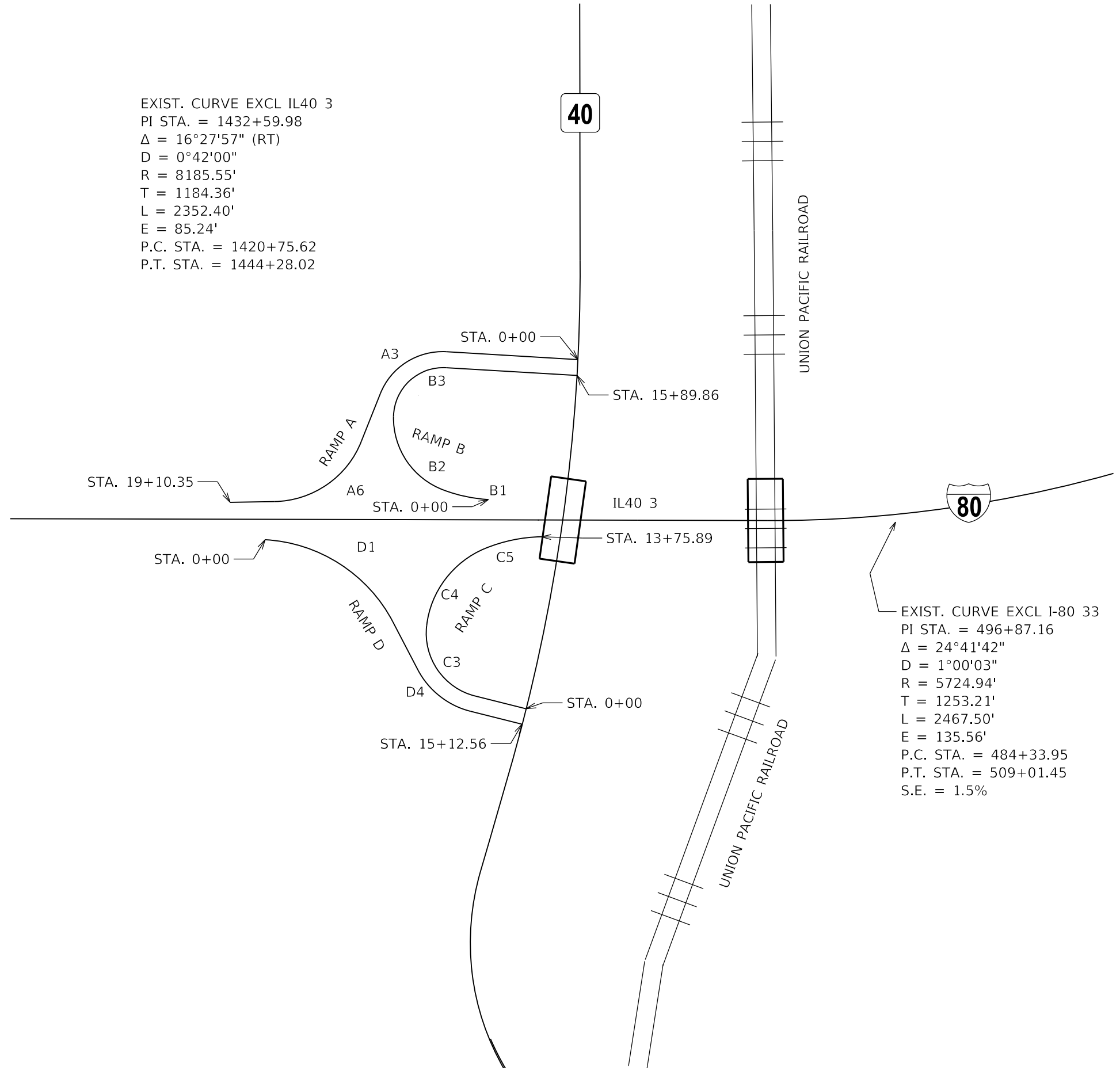
EXIST. CURVE EXBL\_RAMPC\_4  
 PI STA. = 9+10.36  
 $\Delta = 60^\circ 57' 52''$  (RT)  
 D = 13°17'33"  
 R = 431.04'  
 T = 253.72'  
 L = 458.64'  
 E = 69.13'  
 P.C. STA. = 6+56.64  
 P.T. STA. = 11+15.28

EXIST. CURVE EXBL\_RAMPB\_3  
 PI STA. = 8+69.81  
 $\Delta = 92^\circ 13' 37''$  (RT)  
 D = 25°30'57"  
 R = 224.55'  
 T = 233.45'  
 L = 361.45'  
 E = 99.37'  
 P.C. STA. = 6+36.36  
 P.T. STA. = 9+97.81

EXIST. CURVE EXBL\_RAMPC\_5  
 PI STA. = 12+47.14  
 $\Delta = 21^\circ 29' 44''$  (RT)  
 D = 8°14'53"  
 R = 694.65'  
 T = 131.86'  
 L = 260.61'  
 E = 12.40'  
 P.C. STA. = 11+15.28  
 P.T. STA. = 13+75.89

EXIST. CURVE EXCL\_IL40\_3  
 PI STA. = 1432+59.98  
 $\Delta = 16^\circ 27' 57''$  (RT)  
 D = 0°42'00"  
 R = 8185.55'  
 T = 1184.36'  
 L = 2352.40'  
 E = 85.24'  
 P.C. STA. = 1420+75.62  
 P.T. STA. = 1444+28.02

EXIST. CURVE EXCL\_I-80\_33  
 PI STA. = 496+87.16  
 $\Delta = 24^\circ 41' 42''$   
 D = 1°00'03"  
 R = 5724.94'  
 T = 1253.21'  
 L = 2467.50'  
 E = 135.56'  
 P.C. STA. = 484+33.95  
 P.T. STA. = 509+01.45  
 S.E. = 1.5%



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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION MAP	
LINE DIAGRAM - RAMPS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	7
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				





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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				NHPP 90Fed/10St ROADWAY	NHPP 90Fed/10St BRIDGE	NHPP 90Fed/10St BRIDGE	NHPP 90Fed/10St BRIDGE	NHPP 90Fed/10St BRIDGE	NHPP 90Fed/10St BRIDGE	NHPP 90Fed/10St BRIDGE	NHPP 90Fed/10St BRIDGE		
				0005	0047	0047	0047	0047	0047	0047	0047		
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10		
28100105	STONE RIPRAP, CLASS A3	SQ YD	442	442									
28100107	STONE RIPRAP, CLASS A4	SQ YD	120	120									
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	173			91			82				
28200200	FILTER FABRIC	SQ YD	715	542		91			82				
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	3477	3477									
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	2041	2041									
40600370	LONGITUDINAL JOINT SEALANT	FOOT	590670	590670									
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	131	131									
40600902	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N90	TON	187	187									
40600907	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N90	TON	140	140									
40600990	TEMPORARY RAMP	SQ YD	460	460									
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	24504	24504									
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	44103	44103									
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	35215	35215									

USER NAME = Rachel.Dudley	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	
				0005	0047	0047	0047	0047	0047	0047	0047	
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	76.5	76.5								
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	17151	17151								
40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	TON	31548	31548								
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	361103	361103								
42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	3477	3477								
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	8199	8199								
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	70122	70122								
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	16960	16960								
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	109380	109380								
44000178	HOT-MIX ASPHALT SURFACE REMOVAL, 7 1/4"	SQ YD	262043	262043								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	307	307								
44000300	CURB REMOVAL	FOOT	149	149								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	148	148								
44003100	MEDIAN REMOVAL	SQ FT	480	480								

USER NAME = RachelDutley	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	10
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE									
NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St
ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
0005	0047	0047	0047	0047	0047	0047	0047	0047	0047
RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY									
44004250	PAVED SHOULDER REMOVAL	SQ YD	2021	2021								
44200050	WELDED WIRE REINFORCEMENT	SQ YD	81	81								
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	474	474								
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	48	48								
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	33	33								
44201027	CLASS B PATCHES, TYPE I, 15 INCH	SQ YD	80	80								
44201299	DOWEL BARS 1 1/2"	EACH	1412	1412								
44213200	SAW CUTS	FOOT	3496	3496								
44213204	TIE BARS 3/4"	EACH	9	9								
48101200	AGGREGATE SHOULDERS, TYPE B	TON	152	152								
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	5606	5606								
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	93	93								
50102400	CONCRETE REMOVAL	CU YD	98.3						44.1	31.6	22.6	
50105220	PIPE CULVERT REMOVAL	FOOT	51	51								

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USER NAME = Rachel.Dudley	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0005	0047	0047	0047	0047	0047	0047	0047
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10
50300255	CONCRETE SUPERSTRUCTURE	CU YD	108.1						51.3	34.4	22.4
50300260	BRIDGE DECK GROOVING	SQ YD	562			186		376			
50300300	PROTECTIVE COAT	SQ YD	3952		3	186	2	376	1518	1802	65
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	21355	6345					5640	5120	4250
52000110	PREFORMED JOINT STRIP SEAL	FOOT	361							191	170
52100510	ANCHOR BOLTS, 3/4"	EACH	56								56
54003000	CONCRETE BOX CULVERTS	CU YD	15.6	15.6							
542A1093	PIPE CULVERTS, CLASS A, TYPE 2 48"	FOOT	140	140							
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	670	670							
54246205	INLET BOX, STANDARD 542526	EACH	2	2							
54248510	CONCRETE COLLAR	CU YD	8.2	8.2							
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	30	30							
54261430	CONCRETE END SECTION, STANDARD 542001, 30", 1:4	EACH	2	2							
58700300	CONCRETE SEALER	SQ FT	8		6						2
59000200	EPOXY CRACK INJECTION	FOOT	2846		933		758			227	928

USER NAME = Rachel.Dudley	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	12
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	
				0005	0047	0047	0047	0047	0047	0047	0047	
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2								
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	4						4			
60600605	CONCRETE CURB, TYPE B	FOOT	53	53								
* 60601105	CONCRETE CURB, TYPE M	FOOT	96	96								
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	148	148								
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	480	480								
60801048	FLAP GATE 48"	EACH	2	2								
60920036	PIPE CULVERTS TO BE CLEANED 36"	FOOT	180	180								
60920042	PIPE CULVERTS TO BE CLEANED 42"	FOOT	312	312								
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	4193	4193								
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	926	926								
* 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	50	50								
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3								
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	26	26								

\*= SPECIALTY ITEM

USER NAME = RachelDutley	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	
				0005	0047	0047	0047	0047	0047	0047	0047	
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	34	34								
63200310	GUARDRAIL REMOVAL	FOOT	8635	8635								
63201100	HIGH TENSION CABLE MEDIAN BARRIER REMOVAL	FOOT	515	515								
63300575	REMOVE AND RE-ERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	4510	4510								
63500105	DELINEATORS	EACH	542	542								
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	102300	102300								
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	196890	196890								
* 64401100	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	98	98								
* 64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	1	1								
* 66900200	NON-SPECIAL WASTE DISPOSAL	CUYD	315	315								
* 66900630	SOIL DISPOSAL ANALYSIS	EACH	2	2								
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1								
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1								
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3								

\*= SPECIALTY ITEM

USER NAME = Rachel.Dudley	DESIGNED -	REVISED -
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PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F A L RTE. I	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SO	(06-1,06-2)RS-4, BRR	BUREAU	20s	14
ILLINOIS FED. AID PROJECT			CONTRACT NO 66365	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	
				0005	0047	0047	0047	0047	0047	0047	0047	
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	23	23								
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4								
67100100	MOBILIZATION	L SUM	1	1								
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1								
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1								
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	630	630								
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1								
70300100	SHORT TERM PAVEMENT MARKING	FOOT	15358	15358								
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5083	5083								
70301120	TEMPORARY PAVEMENT MARKING - LINE 4" - EPOXY	FOOT	854324	854324								
70301130	TEMPORARY PAVEMENT MARKING - LINE 6" - EPOXY	FOOT	55764	55764								
70301140	TEMPORARY PAVEMENT MARKING - LINE 8" - EPOXY	FOOT	4958	4958								
70400100	TEMPORARY CONCRETE BARRIER	FOOT	102300	102300								
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	13748	13748								
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2								

USER NAME = Rachel.Dutley	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	15
			CONTRACT NO. 66J65	
		ILLINOIS FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	
				0005	0047	0047	0047	0047	0047	0047	0047	
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10	
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2								
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1								
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	34	34								
* 78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LETTERS AND SYMBOLS	SQ FT	134	134								
* 78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	25155	25155								
* 78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 12"	FOOT	72	72								
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 24"	FOOT	50	50								
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	212827	212827								
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	1853	1853								
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	424	424								
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	134	134								
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	212827	212827								
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	25155	25155								
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1853	1853								

\* = SPECIALTY ITEM

USER NAME = RachelDutley	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	



CONSTRUCTION CODE									
NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St
ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
0005	0047	0047	0047	0047	0047	0047	0047	0047	0047
RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY								
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	496	496							
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	50	50							
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2773	2773							
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	200	200							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2495	2495							
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	321922	321922							
X0301735	CONCRETE HEADWALL REPAIR	EACH	5	5							
X0323491	SLOPE WALL CRACK SEALING	FOOT	423			200			223		
X6010104	PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE	EACH	1	1							
X0325893	CLEAN EXISTING END SECTION	EACH	11	11							
X0326341	REATTACH END SECTION	EACH	8	8							
X6440116	REMOVE HIGH TENSION CABLE MEDIAN BARRIER TERMINAL	EACH	2	2							
X6040174	REPLACE MEDIAN GRATE	EACH	1	1							
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	163	163							

\* = SPECIALTY ITEM

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	17
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE									
NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St
ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE
0005	0047	0047	0047	0047	0047	0047	0047	0047	0047
RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY								
* X0328004	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	360	360							
X0484300	MEDIAN INLET BOX REMOVAL	EACH	2	2							
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	16	16							
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	960	960							
X4810200	AGGREGATE SHOULDER REMOVAL	CU YD	1619.4	1619.4							
X5017305	PROTECTIVE SHIELD (PERMANENT)	SQ YD	581		304		277				
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	2002					934	1068		
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	16	16							
X5503101	PLUG EXISTING PIPE	CU YD	2.9	2.9							
X6050500	REMOVE FRAME AND GRATES, SPECIAL	EACH	16	16							
X6300210	GUARDRAIL BLOCKS	EACH	1	1							
X6350120	DELINEATOR REMOVAL	EACH	482	482							
X6431220	REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE	EACH	17	17							

\* = SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	18
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	
				0005	0047	0047	0047	0047	0047	0047	0047	
				RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1								
X7010239	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL WK	360	360								
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1								
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	30480	30480								
X7040650	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	102300	102300								
X7240207	REMOVE EXISTING SIGN COMPLETE	EACH	1	1								
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1	1								
X8570002	SMART TRAFFIC MONITORING SYSTEM	CAL WK	90	90								
X8570004	SMART TRAFFIC MONITORING DEVICE	CAL WK	900	900								
Z0000300	ADJUST ROCKER AND SOLE PLATE	EACH	14									14
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	4		2			1				1
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	4114	4114								
Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SQ YD	3272	108						1456	1708	
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	3272	108						1456	1708	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	19
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE							
NHPP 90Fed/105t	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St	NHPP 90Fed/10St
ROADWAY 0005	BRIDGE 0047	BRIDGE 0047	BRIDGE 0047	BRIDGE 0047	BRIDGE 0047	BRIDGE 0047	BRIDGE 0047
RURAL	S.N. 006-0001/2	S.N. 006-0115	S.N. 006-0003/4	S.N. 006-0122	S.N. 006-0005/6	S.N. 006-0007/8	S.N. 006-0009/10

CODE NO.	ITEM	UNIT	TOTAL QUANTITY								
20012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	10.2	3	6						1.2
20013798	CONSTRUCTION LAYOUT	LSUM	1	1							
20015802	PLUG EXISTING DECK DRAINS	EACH	68		44		24				
20016001	DECK SLAB REPAIR (FULL DEPTH, TYPE J)	SQ YD	4		2		2				
20016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	561		1	184	1	374			1
20021904	SILICONE JOINT SEALER, 1'	FOOT	181							181	
20029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	1719	108						1611	
20034105	MATERIAL TRANSFER DEVICE	TON	110620	110620							
20041895	POLYMER CONCRETE	CJ FT	19							19	
20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1							
20049790	RELOCATING NAME PLATES	EACH	2							2	
20058668	GRADING AND SHAPING FORESLOPES	SQ YD	1295	1295							
20065700	SLOPE WALL REPAIR	SQ YD	647		116	56	231	10	139		95
Ø 20076600	TRAINEES	HOUR	2,000	2,000							
20065730	SLOPE WALL SLURRY PUMPING	CUYD	288.8		46.6	27	135.1	2	46.5		31.6
Ø 20076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2,000	2,000							
20065740	SLOTTED DRAIN 12' WITH VARIABLE SLOT	FOOT	210	210							

Ø 0042

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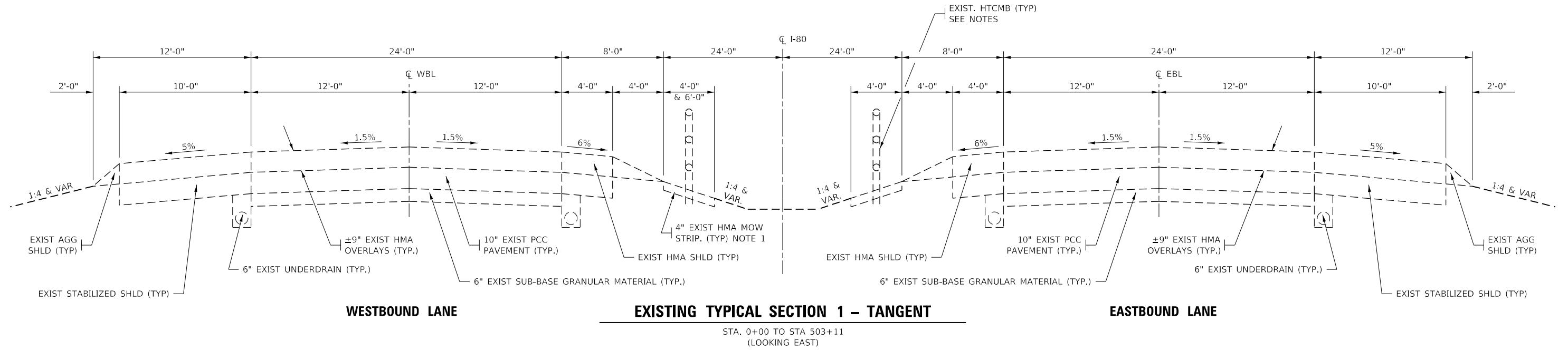
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

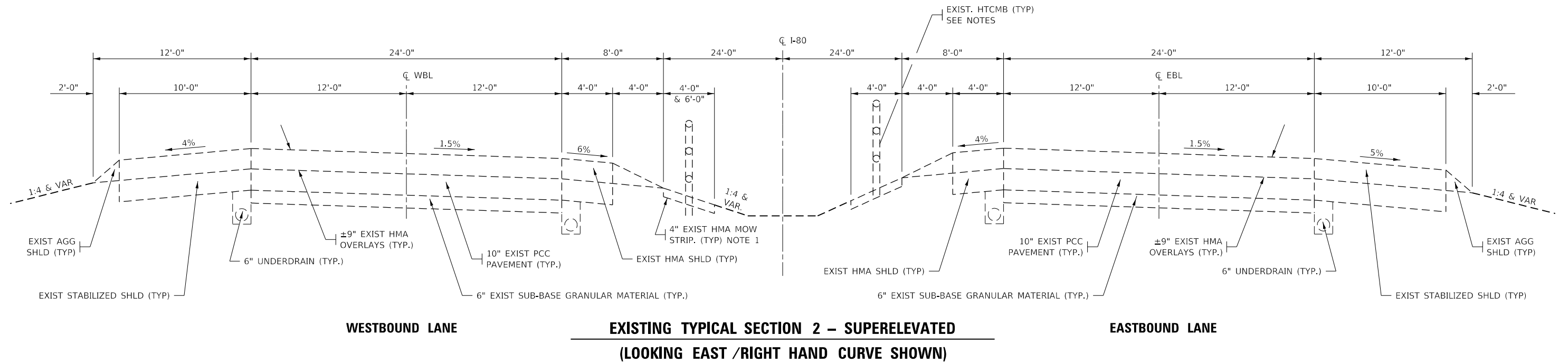
**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F A L RTE. I	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S0	(06-1,06-2)RS-4, BRR	BUREAU	20s	20
ILLINOIS FED. AID PROJECT			CONTRACT NO 66J65	



- NOTES:**
- NOTE 1. EXISTING HIGH TENSION CABLE MEDIAN BARRIER LOCATIONS
- | WB LANES                          | EB LANES                 |
|-----------------------------------|--------------------------|
| STA 1+75 TO STA 54+17             | STA 56+40 TO STA 74+88   |
| STA 141+70 TO STA 180+92          | STA 81+04 TO STA 140+39  |
| STA 297+18 TO STA 405+51          | STA 184+07 TO STA 198+45 |
| STA 412+23 TO STA 421+27          | STA 204+31 TO STA 295+95 |
| STA 430+31 TO STA 438+25          |                          |
| STA 444+84 TO STA 493+47          |                          |
| STA 494+55 THROUGH END OF PROJECT |                          |



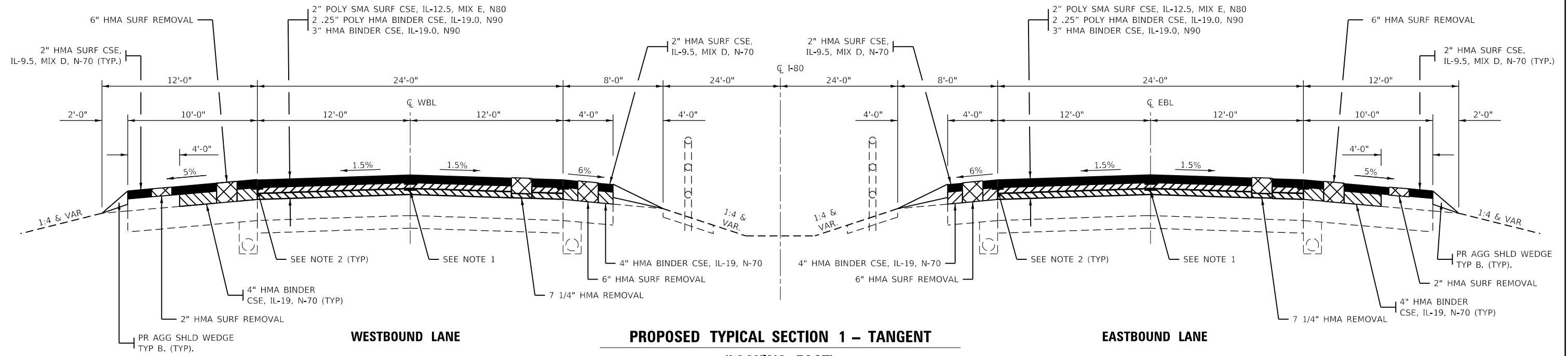
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION			
SCALE:	SHEET	OF	SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)ES	BUREAU	208	21
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION 1 – TANGENT  
(LOOKING EAST)**

**BRIDGE OMISSIONS**

**WESTBOUND**

SN 006-0002 - STA 54+55 to STA 56+11  
 SN 006-0004 - STA 79+30 to STA 80+63  
 SN 006-0006 - STA 181+27 to STA 183+03  
 SN 006-0008 - STA 201+59 to STA 203+58  
 SN 006-0010 - STA 422+31 to STA 423+99  
 SN 006-0185 - STA 425+03 to STA 427+47

**EASTBOUND**

SN 006-0001 - STA 54+49 to STA 56+05  
 SN 006-0003 - STA 79+42 to STA 80+75  
 SN 006-0005 - STA 182+01 to STA 183+77  
 SN 006-0007 - STA 202+00 to STA 204+01  
 SN 006-0009 - STA 422+30 to STA 424+00  
 SN 006-0184 - STA 425+92 to STA 428+38

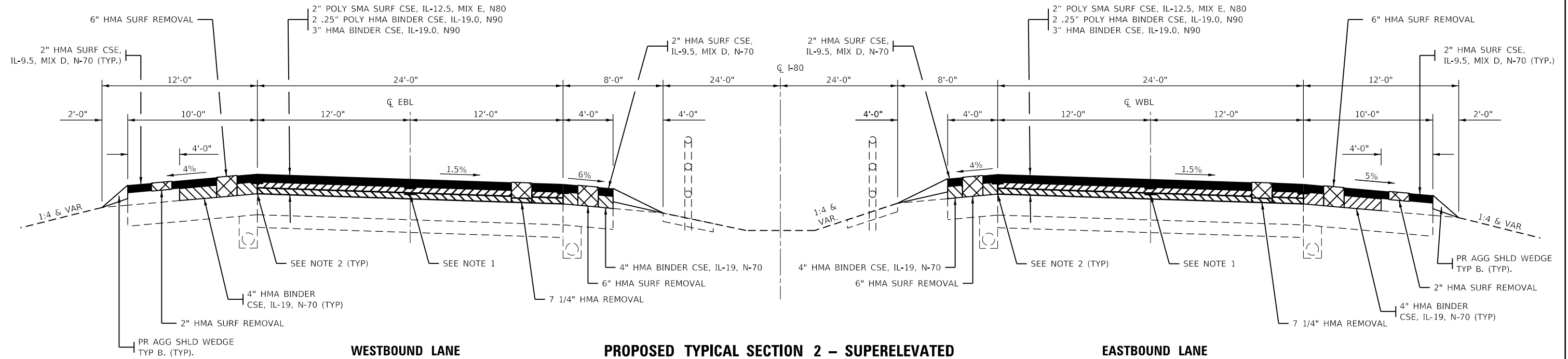
**EAST BOUND**  
 STA. 0+00 TO STA 54+49  
 STA 56+05 TO STA 79+42  
 STA 80+75 TO STA 182+01  
 STA 183+77 TO STA 202+00  
 STA 204+01 TO STA. 373+02  
 STA 399+42 TO STA 434+51  
 STA 435+35 TO STA 484+34  
 STA 509+01 TO STA 503+11

**WEST BOUND**  
 STA. 0+00 TO STA 54+55  
 STA 56+11 TO STA 79+30  
 STA 80+63 TO STA 181+27  
 STA 183+03 TO STA 201+59  
 STA 203+58 TO STA. 373+02  
 STA 399+42 TO STA 434+69  
 STA 435+53 TO STA 484+34  
 STA 509+01 TO STA 503+11

\* EX THICKNESS VARIES AT TAPERS, (SEE TAPER DETAILS)

**NOTES:**

- 1) LONGITUDINAL JOINT SEALANT TO BE APPLIED UNDER SURFACE AND 2ND BINDER LIFT.
- 2) LONGITUDINAL JOINT SEALANT (EDGE) - TO BE APPLIED UNDER SURFACE LIFT BETWEEN HMA SHOULDER AND HMA MAINLINE. FINAL LOCATION TO BE DETERMINED BY THE ENGINEER. PLEASE SEE MAINLINE SCHEDULE FOR ALLOCATED QUANTITY.



**PROPOSED TYPICAL SECTION 2 – SUPERELEVATED  
(RIGHT HAND CURVE SHOWN)**

STA. 371+88 TO STA 400+55  
 STA 409+60 TO 435+87  
 STA 483+20 TO STA 501+15

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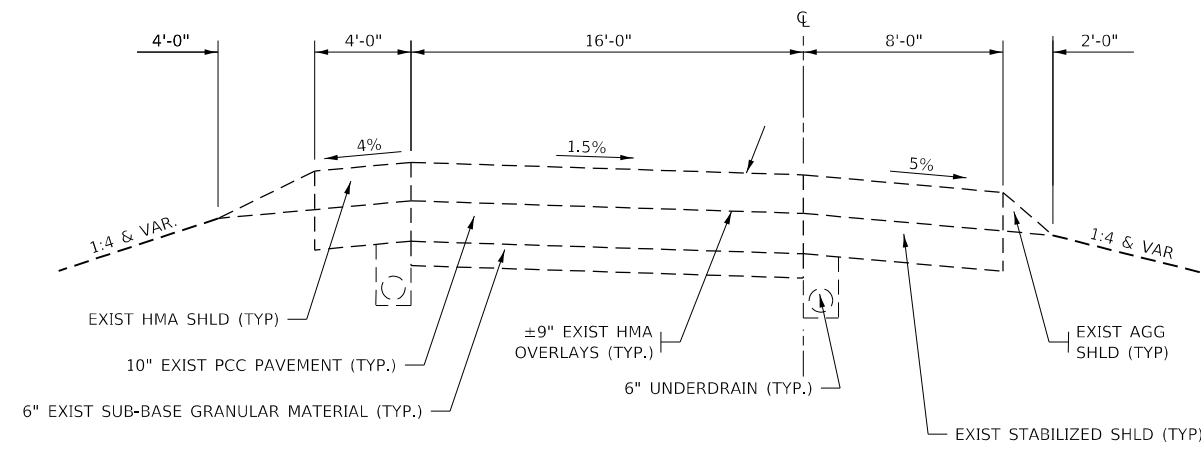
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

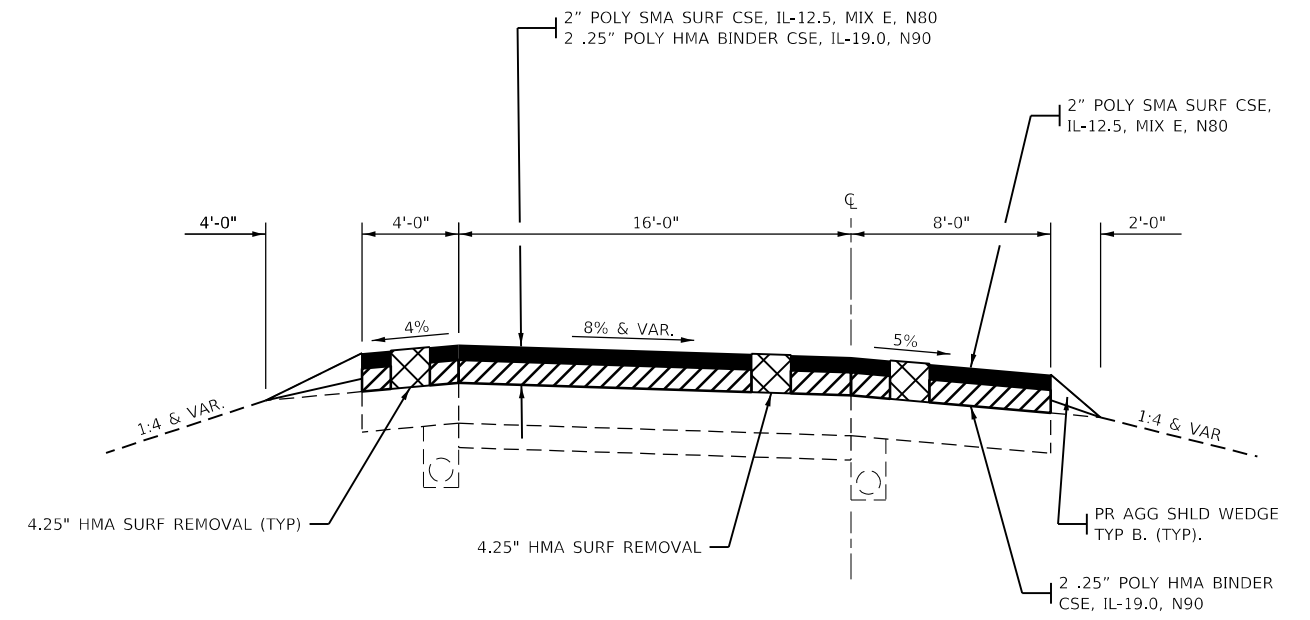
**TYPICAL SECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)ES	BUREAU	208	22
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION 3**  
**IL 40 INTERCHANGE**  
**RAMPS A, B, C, D**



**PROPOSED TYPICAL SECTION 3**  
**IL 40 INTERCHANGE**  
**RAMPS A, B, C, D**

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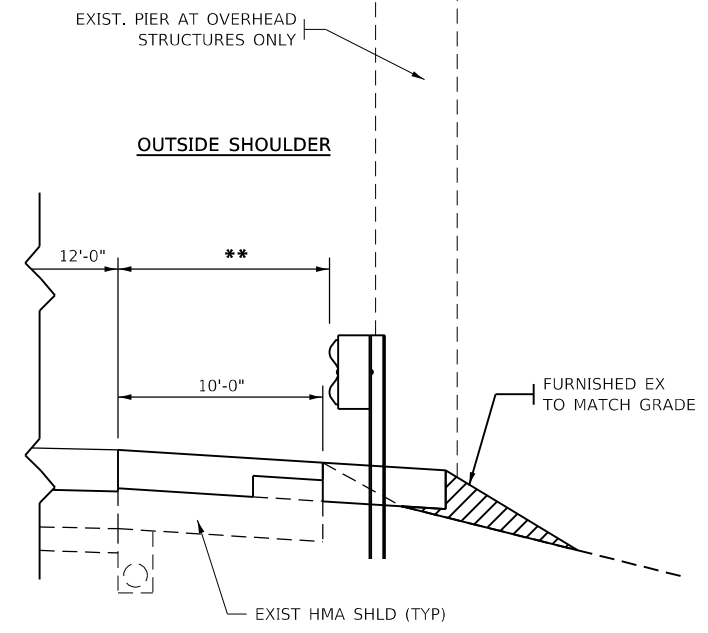
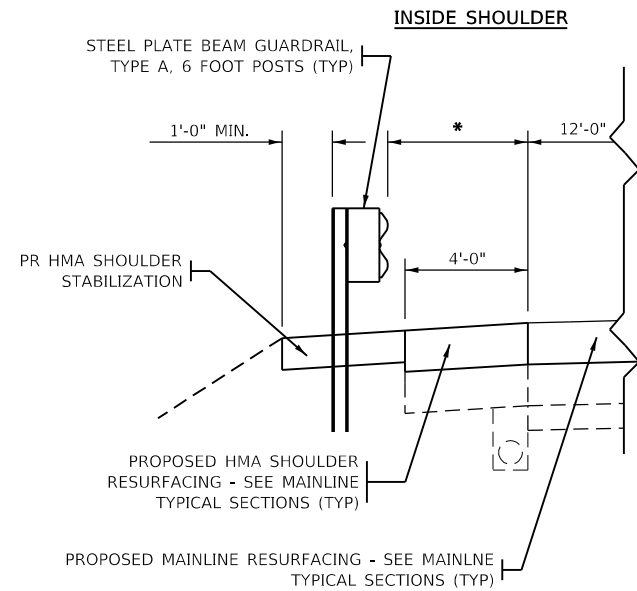
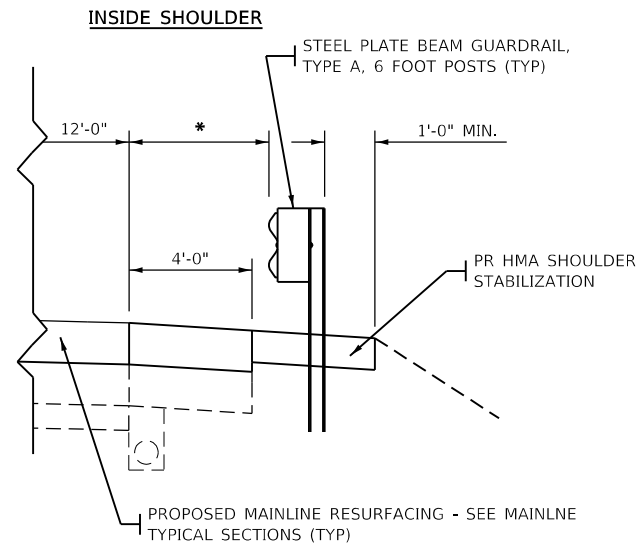
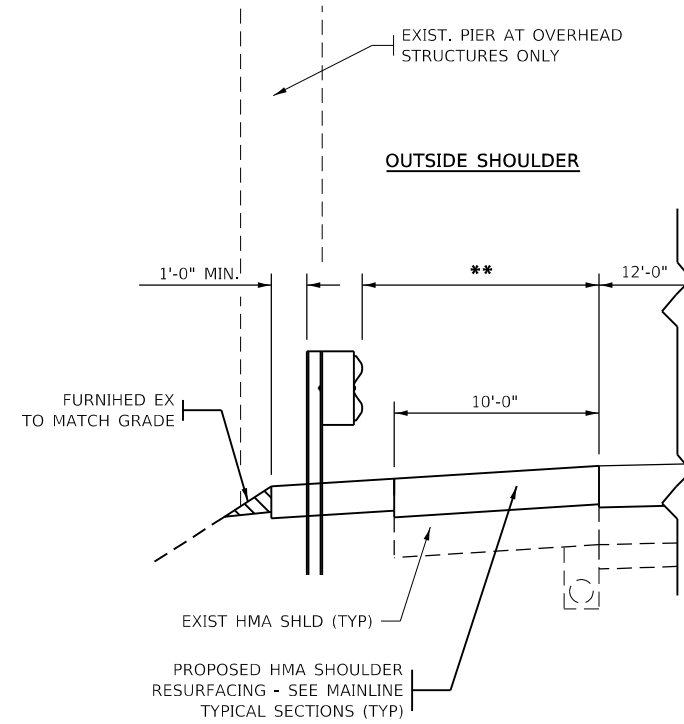
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)ES	BUREAU	208	23
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION 4**

GUARDRAIL OFFSETS

**\*\* OUTSIDE SHOULDER**

- 11' O/S EOP @ 006-0002 (WB)
- 11' O/S EOP @ 006-0004 (WB)
- 11.5' O/S EOP @ 006-0006 (WB)
- 10.5' O/S EOP @ 006-0008 (WB)
- 11' O/S EOP @ 006-0010 (WB)
- 11' O/S EOP @ 006-0185 (WB)
- 10.5' O/S EOP @ OBJECT ID 3041 STA 278+43 (WB)
- 12' O/S EOP @ 006-0115 (WB OVERHEAD STR)
- 11' O/S EOP @ 006-0122 (WB OVERHEAD STR)
- 12.5' O/S EOP @ 006-0121 (WB OVERHEAD STR)
- 11.5' O/S EOP @ 006-0117 (WB OVERHEAD STR)
- 10' O/S EOP @ 006-0089 (WB OVERHEAD STR)
- 11.5' O/S EOP @ 006-0013 (WB OVERHEAD STR)

**\* INSIDE SHOULDER**

- 5' O/S EOP @ 006-0002 (WB)
- 6' O/S EOP @ 006-0004 (WB)
- 6' O/S EOP @ 006-0006 (WB)
- 6' O/S EOP @ 006-0008 (WB)
- 6.5' O/S EOP @ 006-0010 (WB)
- 6.5' O/S EOP @ 006-0185 (WB)

**NOTES:**

REFER TO GUARDRAIL SCHEDULES FOR APPROPRIATE GUARDRAIL TERMINALS

NEWER GUARDRAIL INSTALLATION TO MATCH EXISTING OFFSETS.

**PROPOSED TYPICAL SECTION 5**

GUARDRAIL OFFSETS

**\* INSIDE SHOULDER**

- 5' O/S EOP @ 006-0001 (EB)
- 6' O/S EOP @ 006-0003 (EB)
- 6' O/S EOP @ 006-0005 (EB)
- 5.5' O/S EOP @ 006-0007 (EB)
- 6.5' O/S EOP @ 006-0009 (EB)
- 6.5' O/S EOP @ 006-0184 (EB)

**\*\* OUTSIDE SHOULDER**

- 10.5' O/S EOP @ 006-0001 (EB)
- 11' O/S EOP @ 006-0003 (EB)
- 11' O/S EOP @ 006-0005 (EB)
- 11.5' O/S EOP @ 006-0007 (EB)
- 11.5' O/S EOP @ 006-0009 (EB)
- 10.5' O/S EOP @ 006-0184 (EB)
- 10.5' O/S EOP @ OBJECT ID 3041 STA 278+43 (EB)
- 12' O/S EOP @ 006-0115 (EB OVERHEAD STR)
- 11.5' O/S EOP @ 006-0122 (EB OVERHEAD STR)
- 12.5' O/S EOP @ 006-0121 (EB OVERHEAD STR)
- 12' O/S EOP @ 006-0117 (EB OVERHEAD STR)
- 10' O/S EOP @ 006-0089 (EB OVERHEAD STR)
- 11.5' O/S EOP @ 006-0013 (EB OVERHEAD STR)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)ES	BUREAU	208	24
			CONTRACT NO. 66J65	
		ILLINOIS FED. AID PROJECT		



**MAINLINE**

LOCATION			MAINLINE LENGTH	MAINLINE WIDTH	RDWY AREA	SHLD AREA	HMA SURF REM VAR	HMA SURF REM 7 1/4"	BIT MAT TACK COAT	MIX CR, JT, & FLGWY	LONG JOINT SEAL (2 APP)	HMA BINDER CSE (MM) IL-19.0 N90 3"	HMA BINDER CSE (HM) N90	POLY HMA BINDER CSE (MM) IL-19.0 N90 2.25"	POLY HMA B CSE (HM) N90	POLY SMA SURF CSE IL-12.5 MIX E N80 2"	TEMP RAMP
STA	TO	STA	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	FOOT	TON	TON	TON	TON	TON	SQ YD
<b>EB LANES</b>																	
0+00	TO	0+90	90	24	240	140	240		216	0.07	0	40.30	0.1	30.2	0.1	26.9	64.4
0+90	TO	48+82	4792	24	12779	7454		12779	11501	3.83	540	2146.80	6.4	1610.1	6.4	1431.2	
STA EQ 48+82.50 BK = 48+82.00 AH																	
48+82	TO	54+55	573	24	1528	891		1528	1375	0.46	29292	256.70	0.8	192.5	0.8	171.1	
SN 006-0002 Omission																	
56+11	TO	64+58	847	24	2259	1318		2259	2033	0.68	33666	379.50	1.1	284.6	1.1	253.0	
64+58	TO	67+38	280	24	747	436		747	672	0.22	38748	125.40	0.4	94.1	0.4	83.6	
67+38	TO	79+30	1192	24	3179	1854		3179	2861	0.95	40428	534.00	1.6	400.5	1.6	356.0	
SN 006-0004 Omission																	
80+63	TO	149+13	6850	24	18267	10656		18267	16440	5.48	48378	3068.80	9.1	2301.6	9.1	2045.9	
STA EQ 149+12.79 BK = 149+14.09 AH																	
149+14	TO	157+99	885	24	2360	1377		2360	2124	0.71	89484	396.50	1.2	297.4	1.2	264.3	
157+99	TO	160+79	280	24	747	436		747	672	0.22	94794	125.40	0.4	94.1	0.4	83.6	
160+79	TO	181+27	2048	24	5461	3186		5461	4915	1.64	96474	917.50	2.7	688.1	2.7	611.7	
SN 006-0006 Omission																	
183+03	TO	201+59	1856	24	4949	2887		4949	4454	1.48	109818	831.50	2.5	623.6	2.5	554.3	
SN 006-0008 Omission																	
203+58	TO	244+61	4103	24	10941	6382		10941	9847	3.28	122148	1838.10	5.5	1378.6	5.5	1225.4	
STA EQ 244+60.87 BK = 244+62.10 AH																	
244+62	TO	251+16	654	24	1744	1017		1744	1570	0.52	146772	293.00	0.9	219.7	0.9	195.3	
251+16	TO	253+95	279	24	744	434		744	670	0.22	150696	125.00	0.4	93.7	0.4	83.3	
253+95	TO	295+98	4203	24	11208	6538		11208	10087	3.36	152370	1882.90	5.6	1412.2	5.6	1255.3	
STA EQ 295+97.90 BK = 296+00.00 AH																	
296+00	TO	341+00	4500	24	12000	7000		12000	10800	3.60	177600	2016.00	6.0	1512.0	6.0	1344.0	
341+00	TO	343+80	280	24	747	436		747	672	0.22	204600	125.40	0.4	94.1	0.4	83.6	
343+80	TO	404+50	6070	24	16187	9442		16187	14568	4.86	206280	2719.40	8.1	2039.5	8.1	1812.9	
404+50	TO	410+68	618	24	1648	687		1648	1483	0.49	242700	276.90	0.8	207.6	0.8	184.6	
STA EQ 410+67.83 BK = 410+73.51 AH																	
410+74	TO	412+14	140	24	373	156		373	336	0.11	246444	62.70	0.2	47.0	0.2	41.8	
412+14	TO	422+31	1017	24	2712	1582		2712	2441	0.81	247284	455.60	1.4	341.7	1.4	303.7	
SN 006-0010 Omission																	
423+99	TO	425+92	193	24	515	300		515	463	0.15	254394	86.50	0.3	64.8	0.3	57.6	
SN 006-0184 Omission																	
428+38	TO	434+74	636	24	1696	989		1696	1526	0.51	257028	284.90	0.8	213.7	0.8	190.0	
STA EQ 434+73.51 BK = 434+71.32 AH																	
434+71	TO	437+20	249	24	664	387		664	598	0.20	260826	111.60	0.3	83.7	0.3	74.4	
437+20	TO	444+77	757	24	2019	841		2019	1817	0.61	262320	339.10	1.0	254.4	1.0	226.1	
444+77	TO	454+94	1017	24	2712	1582		2712	2441	0.81	266862	455.60	1.4	341.7	1.4	303.7	
454+94	TO	461+72	678	24	1808	301		1808	1627	0.54	272964	303.70	0.9	227.8	0.9	202.5	
461+72	TO	472+68	1096	24	2923	1705		2923	2630	0.88	277032	491.00	1.5	368.3	1.5	327.3	
472+68	TO	473+62	94	24	251	42		251	226	0.08	283608	42.10	0.1	31.6	0.1	28.1	
473+62	TO	483+63	1001	24	2669	445		2669	2402	0.80	284172	448.40	1.3	336.3	1.3	299.0	
483+63	TO	502+21	1858	24	4955	2890		4955	4459	1.49	290178	832.40	2.5	624.3	2.5	554.9	
502+21	TO	503+11	90	24	240	140	240	240	216	0.07	301326	40.30	0.1	30.2	0.1	26.9	64.4
<b>EB TOTALS</b>							<b>480</b>	<b>131032</b>	<b>118142</b>	<b>39</b>	<b>5489226</b>	<b>22053</b>	<b>66</b>	<b>16540</b>	<b>66</b>	<b>14702</b>	<b>129</b>
<b>MAINLINE TOTALS</b>							<b>960</b>	<b>262043</b>	<b>236266</b>	<b>79</b>	<b>5784540</b>	<b>44103</b>	<b>131</b>	<b>33078</b>	<b>131</b>	<b>29402</b>	<b>258</b>

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	25
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				





**SHOULDER SCHEDULE CONTINUED**

LOCATION			MAINLINE LENGTH	MAINLINE WIDTH	SHLD WIDTH LT	SHLD WIDTH RT	SHLD AREA	HMA SURF REM 6"	HMA SURF REM 2"	BIT MAT TACK COAT	MIX CR, JT, & FLGWY	HMA BINDER CSE (MM) IL-19.0 N70 4"	HMA BINDER CSE (HM) N90	HMA SURF CSE IL-9.5 MIX D N70 2"	RUMBLE STRIPS 16"	AGG WEDGE SHLDS TY B	TEMP RAMP
STA	TO	STA	FOOT	FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	POUND	TON	TON	TON	TON	FOOT	TON	SQ YD
<b>EB LANES</b>																	
0+00	TO	48+82	4882	24	4	10	7594	5424	2170	4638	2.28	1215	2.7	850.6	9764	278	25.2
STA EQ 48+82.50 BK = 48+82.00 AH																	
48+82	TO	54+55	573	24	4	10	891	637	255	544	0.27	143	0.3	99.8	1146	33	
SN 006-0002 Omission																	
56+11	TO	64+58	847	24	4	10	1318	941	376	805	0.40	211	0.5	147.6	1694	48	
64+58	TO	67+38	280	24	4	10	436	311	124	266	0.13	70	0.2	48.8	560	16	
67+38	TO	79+30	1192	24	4	10	1854	1324	530	1132	0.56	297	0.7	207.7	2384	68	
SN 006-0004 Omission																	
80+63	TO	149+13	6850	24	4	10	10656	7611	3044	6508	3.20	1705	3.8	1193.4	13700	390	
STA EQ 149+12.79 BK = 149+14.09 AH																	
149+14	TO	157+99	885	24	4	10	1377	983	393	841	0.41	220	0.5	154.2	1770	50	
157+99	TO	160+79	280	24	4	10	436	311	124	266	0.13	70	0.2	48.8	560	16	
160+79	TO	181+27	2048	24	4	10	3186	2276	910	1946	0.96	510	1.1	356.8	4096	117	
SN 006-0006 Omission																	
183+03	TO	201+59	1856	24	4	10	2887	2062	825	1763	0.87	462	1.0	323.4	3712	106	
SN 006-0008 Omission																	
203+58	TO	244+61	4103	24	4	10	6382	4559	1824	3898	1.91	1021	2.3	714.8	8206	234	
STA EQ 244+60.87 BK = 244+62.10 AH																	
244+62	TO	251+16	654	24	4	10	1017	727	291	621	0.31	163	0.4	113.9	1308	37	
251+16	TO	253+95	279	24	4	10	434	310	124	265	0.13	69	0.2	48.6	558	16	
253+95	TO	295+98	4203	24	4	10	6538	4670	1868	3993	1.96	1046	2.3	732.3	8406	239	
STA EQ 295+97.90 BK = 296+00.00 AH																	
296+00	TO	341+00	4500	24	4	10	7000	5000	2000	4275	2.10	1120	2.5	784.0	9000	256	
341+00	TO	343+80	280	24	4	10	436	311	124	266	0.13	70	0.2	48.8	560	16	
343+80	TO	404+50	6070	24	4	10	9442	6744	2698	5767	2.83	1511	3.4	1057.5	12140	346	
404+50	TO	410+68	618	24	0	10	687	687	275	587	0.21	154	0.3	107.7	1236	35	
STA EQ 410+67.83 BK = 410+73.51 AH																	
410+74	TO	412+14	140	24	0	10	156	156	62	133	0.05	35	0.1	24.4	280	8	
412+14	TO	422+31	1017	24	4	10	1582	1130	452	966	0.47	253	0.6	177.2	2034	58	
SN 006-0010 Omission																	
423+99	TO	425+92	193	24	4	10	300	214	86	183	0.09	48	0.1	33.6	386	11	
SN 006-0184 Omission																	
428+38	TO	434+74	636	24	4	10	989	707	283	604	0.30	158	0.4	110.8	1272	36	
STA EQ 434+73.51 BK = 434+71.32 AH																	
434+71	TO	437+20	249	24	4	10	387	277	111	237	0.12	62	0.1	43.4	498	14	
437+20	TO	444+77	757	24	0	10	841	841	336	719	0.25	188	0.4	131.9	1514	43	
444+77	TO	454+94	1017	24	4	10	1582	1130	452	966	0.47	253	0.6	177.2	2034	58	
454+94	TO	461+72	678	24	4	0	301	753	301	644	0.09	169	0.4	118.1	1356	39	
461+72	TO	472+68	1096	24	4	10	1705	1218	487	1041	0.51	273	0.6	190.9	2192	62	
472+68	TO	473+62	94	24	4	0	42	104	42	89	0.01	23	0.1	16.4	188	5	
473+62	TO	483+63	1001	24	4	0	445	1112	445	951	0.13	249	0.6	174.4	2002	57	
483+63	TO	503+11	1948	24	4	10	3030	2164	866	1851	0.91	485	1.1	339.4	3896	111	25.2
<b>EB TOTALS</b>			<b>49226</b>	<b>720</b>	<b>108</b>	<b>270</b>	<b>73930</b>	<b>54694</b>	<b>21878</b>	<b>46765</b>	<b>22</b>	<b>12253</b>	<b>28</b>	<b>8576</b>	<b>98452</b>	<b>2803</b>	<b>50</b>
<b>WB TOTALS</b>			<b>49219</b>	<b>672</b>	<b>260</b>	<b>108</b>	<b>74320</b>	<b>54688</b>	<b>21875</b>	<b>5195</b>	<b>22</b>	<b>12251</b>	<b>27</b>	<b>8575</b>	<b>98438</b>	<b>2803</b>	<b>50</b>
<b>GRAND TOTALS</b>			<b>98445</b>	<b>1392</b>	<b>368</b>	<b>378</b>	<b>148250</b>	<b>109382</b>	<b>43753</b>	<b>51960</b>	<b>44</b>	<b>24504</b>	<b>55</b>	<b>17151</b>	<b>196890</b>	<b>5606</b>	<b>101</b>

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PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	



**RIPRAP CHUTES SCHEDULE**

LOCATION			REMOVE EXISTING FLARED END SECTION	REMOVE FRAME AND GRATES (SPECIAL)	CURB REMOVAL	CONCRETE CURB TYPE M	STONE RIPRAP, CLASS A3	FILTER FABRIC	TRENCH BACKFILL	CLASS B PATCHES T1, 15"	SAW CUTS	DOWEL BARS 1.5"	PLUG EXISTING PIPE
STRUCTURE	QUADRANT	TYPE	EACH	EACH	FOOT	FOOT	SQ YD	SQ YD	CU YD	SQ YD	FOOT	EACH	CU YD
SN 006-0001	NORTHEAST	D	1	1	6	6	22	22	3.89	7	32	18	0.09
	SOUTHEAST	B	1	1	6	6	22	22	1.56	3	20	6	0.09
SN 006-0002	NORTHEAST	B	1	1	6	6	22	22	1.56	3	20	6	0.09
	SOUTHEAST	D	1	1	6	6	22	22	3.89	7	32	18	0.09
SN 006-0003	NORTHWEST	D	1	1	6	6	22	22	3.89	7	32	18	0.29
	SOUTHWEST	B	1	1	6	6	22	22	1.56	3	20	6	0.23
	NORTHEAST	D	1	1	6	6	22	22	3.89	7	32	18	0.15
	SOUTHEAST	B	1	1	6	6	22	22	1.56	3	20	6	0.15
SN 006-0004	NORTHWEST	B	1	1	6	6	22	22	1.56	3	20	6	0.23
	SOUTHWEST	D	1	1	6	6	22	22	3.89	7	32	18	0.29
	NORTHEAST	B	1	1	6	6	22	22	1.56	3	20	6	0.15
	SOUTHEAST	D	1	1	6	6	22	22	3.89	7	32	18	0.15
SN 006-0005	NORTHWEST	D	1	1	6	6	22	22	3.89	7	32	18	0.35
	SOUTHWEST	B	1	1	6	6	22	22	1.56	3	20	6	0.15
SN 006-0006	NORTHWEST	B	1	1	6	6	22	22	1.56	3	20	6	0.23
	SOUTHWEST	D	1	1	6	6	22	22	3.89	7	32	18	0.17
			<b>16</b>	<b>16</b>	<b>96</b>	<b>96</b>	<b>352</b>	<b>352</b>	<b>43.6</b>	<b>80</b>	<b>416</b>	<b>192</b>	<b>2.9</b>

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	30
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	

**CLASS B PATCHING SCHEDULE**

**EASTBOUND LANES**

LOCATION	LANE	PATCH LENGTH	PATCH WIDTH	CL B TY II 12"	CL B TY III 12"	CL B TY IV 12"	SAW CUTS	WELDED WIRE REINF	DOWEL BARS 1 1/2"	TIE BARS 3/4"
STA		FEET	FEET	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	EACH	EACH
1+00	DRIVING	6	12	8			48		20	
1+00	PASSING	6	12	8			48		20	
35+00	DRIVING	6	12	8			48		20	
42+00	DRIVING	6	12	8			48		20	
42+00	PASSING	6	12	8			48		20	
60+00	DRIVING	6	12	8			48		20	
60+00	PASSING	6	12	8			48		20	
102+50	DRIVING	6	12	8			48		20	
112+50	DRIVING	6	12	8			48		20	
112+50	PASSING	6	12	8			48		20	
146+00	DRIVING	6	12	8			48		20	
185+50	DRIVING	6	12	8			48		20	
195+00	DRIVING	6	12	8			48		20	
195+00	PASSING	6	12	8			48		20	
215+00	DRIVING	6	12	8			48		20	
237+00	DRIVING	6	12	8			48		20	
240+00	DRIVING	12	12		16		60	16	20	
240+00	PASSING	6	12	8			48		20	
298+00	DRIVING	6	12	8			48		20	
298+00	PASSING	6	12	8			48		20	
334+00	DRIVING	6	12	8			48		20	
334+00	PASSING	8	12	11			52		20	
334+50	DRIVING	6	12	8			48		20	
334+50	PASSING	6	12	8			48		20	
365+50	PASSING	6	12	8			48		20	
387+00	DRIVING	8	12	11			52		20	
392+00	DRIVING	6	12	8			48		20	
392+00	PASSING	6	12	8			48		20	
432+00	DRIVING	6	12	8			48		20	
432+00	PASSING	6	12	8			48		20	
442+50	PASSING	6	12	8			48		20	
5+00	RAMP D	8	16	8			64		20	
<b>EASTBOUND TOTAL</b>		<b>204</b>	<b>388</b>	<b>254</b>	<b>16</b>		<b>1572</b>	<b>16</b>	<b>620</b>	
<b>GRAND TOTAL</b>		<b>418</b>	<b>748</b>	<b>474</b>	<b>48</b>	<b>33</b>	<b>3080</b>	<b>81</b>	<b>1220</b>	<b>9</b>

PATCHING SURVEY WAS PERFORMED USING MILE MARKERS. STATIONS ARE APPROXIMATE.  
 FINAL LOCATIONS FOR PATCHING ARE TO BE DETERMINED BY RESIDENT ENGINEER.  
 NO FULL DEPTH PATCHING WILL BE PERMITTED BETWEEN STA 424+00 TO STA 425+94 IN THE EAST BOUND LANES.

**CLASS B PATCHING SCHEDULE (CONTINUED)**

**WESTBOUND LANES**

**LOCATION	LANE	PATCH LENGTH	PATCH WIDTH	CL B TY II 12"	CL B TY III 12"	CL B TY IV 12"	SAW CUTS	WELDED WIRE REINF	DOWEL BARS 1 1/2"	TIE BARS 3/4"
STA		FEET	FEET	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	EACH	EACH
38+00	PASSING	6	12	8			48		20	
45+00	PASSING	6	12	8			48		20	
51+00	DRIVING	6	12	8			48		20	
52+00	DRIVING	6	12	8			48		20	
115+00	DRIVING	7	12	9			50		20	
125+00	DRIVING	6	12	8			48		20	
130+50	DRIVING	6	12	8			48		20	
159+00	DRIVING	6	12	8			48		20	
159+00	PASSING	6	12	8			48		20	
162+00	PASSING	8	12	11			52		20	
164+00	DRIVING	6	12	8			48		20	
164+00	PASSING	6	12	8			48		20	
195+00	DRIVING	12	12		16		60	16	20	
195+00	PASSING	12	12		16		60	16	20	
199+00	DRIVING	6	12	8			48		20	
217+20	DRIVING	6	12	8			48		20	
248+00	DRIVING	6	12	8			48		20	
268+50	DRIVING	6	12	8			48		20	
282+50	DRIVING	6	12	8			48		20	
282+50	PASSING	6	12	8			48		20	
311+00	PASSING	6	12	8			48		20	
314+50	PASSING	6	12	8			48		20	
319+25	DRIVING	6	12	8			48		20	
319+25	PASSING	6	12	8			48		20	
325+50	PASSING	6	12	8			48		20	
333+50	PASSING	6	12	8			48		20	
394+00	DRIVING	6	12	8			48		20	
387+00	PASSING	25	12			33	86	33	20	9
470+00	DRIVING	6	12	8			48		20	
470+00	PASSING	6	12	8			48		20	
<b>WESTBOUND TOTAL</b>		<b>214</b>	<b>360</b>	<b>220</b>	<b>32</b>	<b>33</b>	<b>1508</b>	<b>65</b>	<b>600</b>	<b>9</b>
<b>GRAND TOTAL</b>		<b>418</b>	<b>748</b>	<b>474</b>	<b>48</b>	<b>33</b>	<b>3080</b>	<b>81</b>	<b>1220</b>	<b>9</b>

PATCHING SURVEY WAS PERFORMED USING MILE MARKERS. STATIONS ARE APPROXIMATE.  
 FINAL LOCATIONS FOR PATCHING ARE TO BE DETERMINED BY RESIDENT ENGINEER.  
 NO FULL DEPTH PATCHING WILL BE PERMITTED BETWEEN STA 424+00 TO STA 425+04 IN THE WEST BOUND LANES.

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	31
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

INTERMITANT RESURFACING SCHEDULE								
WESTBOUND LANES								
**LOCATION			LANE	PATCH LENGTH	PATCH WIDTH	HMA SURF REM 2"	BIT MAT TACK COAT	POLY SMA SURF CSE IL-12.5 MIX E N80 2"
STA	TO	STA		FEET	FEET	SQ YD	POUND	TON
3+50	TO	4+10	DRIVING	60	12	80	36	0.7
3+50	TO	4+10	PASSING	60	12	80	36	0.7
6+00	TO	6+80	DRIVING	80	12	107	48	1
6+00	TO	6+80	PASSING	80	12	107	48	1
8+30	TO	9+50	DRIVING	120	12	160	72	1.5
8+30	TO	9+50	PASSING	120	12	160	72	1.5
11+75	TO	12+00	DRIVING	25	12	33	15	0.3
11+75	TO	12+00	PASSING	25	12	33	15	0.3
13+00	TO	14+00	DRIVING	100	12	133	60	1.2
13+00	TO	14+00	PASSING	100	12	133	60	1.2
15+60	TO	17+00	DRIVING	140	12	187	84	1.7
15+60	TO	17+00	PASSING	140	12	187	84	1.7
21+00	TO	23+00	DRIVING	200	12	267	120	2.5
21+00	TO	23+00	PASSING	200	12	267	120	2.5
27+50	TO	28+50	DRIVING	100	12	133	60	1.2
27+50	TO	28+50	PASSING	100	12	133	60	1.2
32+00	TO	33+80	DRIVING	180	12	240	108	2.3
32+00	TO	33+80	PASSING	180	12	240	108	2.3
51+60	TO	52+50	DRIVING	90	12	120	54	1.1
51+60	TO	52+50	PASSING	90	12	120	54	1.1
53+35	TO	54+55	DRIVING	120	12	160	72	1.5
53+35	TO	54+55	PASSING	120	12	160	72	1.5
73+30	TO	74+60	DRIVING	130	12	173	78	1.6
73+30	TO	74+60	PASSING	130	12	173	78	1.6
78+55	TO	79+30	DRIVING	75	12	100	45	0.9
78+55	TO	79+30	PASSING	75	12	100	45	0.9
80+60	TO	81+40	DRIVING	80	12	107	48	1
80+60	TO	81+40	PASSING	80	12	107	48	1
90+90	TO	92+10	DRIVING	120	12	160	72	1.5
90+90	TO	92+10	PASSING	120	12	160	72	1.5
103+60	TO	106+00	DRIVING	240	12	320	144	3
103+60	TO	106+00	PASSING	240	12	320	144	3
127+50	TO	128+50	DRIVING	100	12	133	60	1.2
127+50	TO	128+50	PASSING	100	12	133	60	1.2
133+75	TO	134+75	DRIVING	100	12	133	60	1.2
133+75	TO	134+75	PASSING	100	12	133	60	1.2
135+50	TO	136+70	DRIVING	120	12	160	72	1.5
135+50	TO	136+70	PASSING	120	12	160	72	1.5
137+60	TO	138+40	DRIVING	80	12	107	48	1
137+60	TO	138+40	PASSING	80	12	107	48	1
151+50	TO	153+50	DRIVING	200	12	267	120	2.5
151+50	TO	153+50	PASSING	200	12	267	120	2.5
166+90	TO	168+10	DRIVING	120	12	160	72	1.5
166+90	TO	168+10	PASSING	120	12	160	72	1.5
180+50	TO	181+30	DRIVING	80	12	107	48	1
180+50	TO	181+30	PASSING	80	12	107	48	1
<b>TOTAL</b>				<b>5320</b>	<b>552</b>	<b>7094</b>	<b>3192</b>	<b>66</b>
<b>GRAND TOTAL</b>				<b>19780</b>	<b>984</b>	<b>26370</b>	<b>11868</b>	<b>246</b>

\*\*PATCHING SURVEY WAS PERFORMED USING MILE MARKERS. STATIONS ARE APPROXIMATE.  
FINAL LOCATIONS FOR PATCHING ARE TO BE DETERMINED BY RESIDENT ENGINEER.

INTERMITANT RESURFACING SCHEDULE (CONTINUED)								
WESTBOUND LANES								
**LOCATION			LANE	PATCH LENGTH	PATCH WIDTH	HMA SURF REM 2"	BIT MAT TACK COAT	POLY SMA SURF CSE IL-12.5 MIX E N80 2"
STA	TO	STA		FEET	FEET	SQ YD	POUND	TON
183+00	TO	183+60	DRIVING	60	12	80	36	0.7
183+00	TO	183+60	PASSING	60	12	80	36	0.7
200+50	TO	201+60	DRIVING	110	12	147	66	1.4
200+50	TO	201+60	PASSING	110	12	147	66	1.4
203+60	TO	204+45	DRIVING	85	12	113	51	1.1
203+60	TO	204+45	PASSING	85	12	113	51	1.1
214+50	TO	215+50	DRIVING	100	12	133	60	1.2
214+50	TO	215+50	PASSING	100	12	133	60	1.2
221+10	TO	221+95	DRIVING	85	12	113	51	1.1
221+10	TO	221+95	PASSING	85	12	113	51	1.1
223+20	TO	223+80	DRIVING	60	12	80	36	0.7
223+20	TO	223+80	PASSING	60	12	80	36	0.7
230+00	TO	230+70	DRIVING	70	12	93	42	0.9
230+00	TO	230+70	PASSING	70	12	93	42	0.9
267+75	TO	269+25	DRIVING	150	12	200	90	1.9
267+75	TO	269+25	PASSING	150	12	200	90	1.9
270+00	TO	272+20	DRIVING	220	12	293	132	2.7
270+00	TO	272+20	PASSING	220	12	293	132	2.7
273+00	TO	274+40	DRIVING	140	12	187	84	1.7
273+00	TO	274+40	PASSING	140	12	187	84	1.7
295+00	TO	296+00	DRIVING	100	12	133	60	1.2
295+00	TO	296+00	PASSING	100	12	133	60	1.2
317+70	TO	319+50	DRIVING	180	12	240	108	2.3
317+70	TO	319+50	PASSING	180	12	240	108	2.3
320+40	TO	322+00	DRIVING	160	12	213	96	2
320+40	TO	322+00	PASSING	160	12	213	96	2
322+40	TO	341+40	DRIVING	1900	12	2533	1140	23.7
322+40	TO	341+40	PASSING	1900	12	2533	1140	23.7
348+30	TO	375+20	DRIVING	2690	12	3587	1614	33.6
348+30	TO	375+20	PASSING	2690	12	3587	1614	33.6
414+50	TO	415+50	DRIVING	100	12	133	60	1.2
414+50	TO	415+50	PASSING	100	12	133	60	1.2
418+60	TO	422+00	DRIVING	340	12	453	204	4.2
418+60	TO	422+00	PASSING	340	12	453	204	4.2
473+70	TO	480+50	DRIVING	680	12	907	408	8.5
473+70	TO	480+50	PASSING	680	12	907	408	8.5
<b>TOTAL</b>				<b>14460</b>	<b>432</b>	<b>19276</b>	<b>8676</b>	<b>180</b>
<b>GRAND TOTAL</b>				<b>19780</b>	<b>984</b>	<b>26370</b>	<b>11868</b>	<b>246</b>

\*\*PATCHING SURVEY WAS PERFORMED USING MILE MARKERS. STATIONS ARE APPROXIMATE.  
FINAL LOCATIONS FOR PATCHING ARE TO BE DETERMINED BY RESIDENT ENGINEER.

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	32
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



MEDIAN CROSSOVER SCHEDULE - 1/2										
LOCATION			LENGTH	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	PIPE CULVERT, CLASS D, TYPE 1, 24"	HIGH TENSION CABLE MEDIAN BARRIER TERMINAL	HIGH TENSION CABLE MEDIAN BARRIER	INLET BOX TYPE 24F, STANDARD 542526-03, 1:10	SLOTTED DRAIN 12" WITH VARIABLE SLOT	
STA	TO	STA	FOOT	EACH	FOOT	EACH	FOOT	EACH	FOOT	
WESTERN CROSSOVER										
1925+91.9	TO	1930+06.1	414	1	148			1	107	
1930+06.1	TO	2+67.4	318		320					
2+67.4	TO	6+85.4	418	1	202	1	98	1	103	
*1930+56.5 BK = 0+00.0 AH										
TOTAL				2	670	1	98	2	210	

MEDIAN CROSSOVER SCHEDULE - 2/2																
LOCATION			LENGTH	GRADE & SHAP DITCH	PAVED SHLD REM	PIPE CULV REM 24"	MEDIAN INLET BOX REM	DRVWY PVMT REM	SUBBASE GRANULAR MATERIAL, TYPE A 12"	PCC PVMT 11" (JOINTED)	EARTH EXC	FURN EXC	TOPSOIL EXC & PLAC	REM SIGN PANEL & WOOD POST	HTCMB TERM REM *	HTCMB REM
STA	TO	STA	FOOT	FOOT	SQ YD	FOOT	EACH	SQ YD	SQ YD	SQ YD	SQ YD	CU YD	CU YD	EACH	EACH	FOOT
WESTERN CROSSOVER																
1924+91.0	TO	1928+27.0	336	515												
1928+27.0	TO	2+67.4	318		2010	51	2	307	3477	3477	26	820	1140	1		
2+67.4	TO	6+85.4	418	518											1	514.5
*1930+56.5 BK = 0+00.0 AH																
TOTAL				1033	2010	51	2	307	3477	3477	26	820	1140	1	1	514.5

\*THE TERMINAL TO BE REOMOVED HAS A LARGER THAN USUAL CONCRETE FOUNDATION

MAINTENANCE CROSSOVER OVERLAY SCHEDULE					
LOCATION	HMA SURF REM 1.5"	BIT MAT TACK COAT	HMA SURF CSE IL-9.5, MIX "D", N50	DELINEATORS	HMA SHLDRS 8"
STATION	SQ YD	POUND	TON	EACH	SQ YD
141+00	2733	182	25.5	4	31
296+50	2733	182	25.5	4	31
494+00	2733	182	25.5	4	31
TOTAL	8199	546	76.5	12	93

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USER NAME = Cody.M.Johnson	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES</b>				F.A.I. RTE. = 80	SECTION (06-1.06-2)RS-4, BRR	COUNTY = BUREAU	TOTAL SHEETS = 208	SHEET NO. = 33
PLOT SCALE = 100.0402' / in.	CHECKED - _____	REVISED - _____		SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 66J65		
PLOT DATE = 3/27/2023	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT								

**DRAINAGE SCHEDULE 1/4 - WESTBOUND**

LOCATION		STRUCTURE NUMBER	DESCRIPTION	STONE RIPRAP CLASS A3	STONE RIPRAP CLASS A4	TRVRS PIPE GRT CON ES	CONCRETE END SECTION STD. 542001 30", 1:4	PIPE CULVERTS TO BE CLEANED		TREE REMOVAL (UNDER 6" DIAMETER)	CONCRETE HEADWALL REPAIR	FILTER FABRIC
STATION	SIDE			SQ YD	SQ YD	FOOT	EACH	36"	42"	EACH	EACH	SQ YD
1+00	NORTH	CULVERT #3027	RECONSTRUCT AS PART OF NEW CROSSOVER									
97+00	NORTH	CULVERT #3031	EXCAVATE THE EMBANKMENT, RESET SEPARATING END SECTIONS AND JOINT SECTIONS. SEPARATING SECTION JOINTS SHOULD BE SEALED OR COLLARED									
121+00	NORTH	CULVERT #3034	REPLACE DRIVING LANE END SECTIONS WITH STD. 542001 END SECTION, TRAVERSIBLE GRATE, AND GRADE ADJACENT SLOPES			15	1					
147+00	NORTH	CULVERT #3035	PROTECT CMP EXTENSION OUTLET WITH RR4		10							10
158+65	NORTH	CULVERT #3036	REMOVE SILT BLOCKING AT FLAP GATE									
160+29	NORTH	CULVERT #3037	SEE COAL CREEK DETAIL		25					10		25
252+46	EAST	SN 006-0121	CLEAN INLET, GRADE DITCH, REMOVE EXCESS FOLIAGE							9		
278+43	ALL	CULVERT #3041	REMOVE AND PATCH DAMAGED PORTION OF CENTER BARREL, PLACE 10 SY OF RR3 AROUND INLET STRUCTURES									
314+50	NORTH	CULVERT #3043	CLEAN INLET, REATTACH END SECTIONS, REGRADE FORESLOPE									
324+15	ALL	CULVERT #3044	PLACE RIPRAP OR TOPSOIL AND SEEDING UP TO LEVEL OF END SECTIONS, REPLACE MEDIAN RETICULINE GRATE									
342+38	EAST	SN 006-0117	CLEAN INLET, GRADE AND SHAPE THE DITCH									
352+70	ALL	CULVERT #3046	REMOVE EXCESS VEGETATION, CLEAN & GRADE OUTLET CHANNEL					60		3		
362+75	NORTH	CULVERT #3047	EXCAVATE THE EMBANKMENT, RESET SEPARATING END SECTIONS AND JOINT SECTIONS. SEPARATING SECTION JOINTS SHOULD BE SEALED OR COLLARED									
381+00	NORTH	CULVERT #3048	*HEADWALL CRACKING, SEPARATION								1	
389+40 TO 392+40	NORTH	UNDERDRAIN	EXTEND UNDERDRAIN TO THE BOTTOM OF THE SLOPE, REGRADE FORESLOPE									
411+00	NORTH	CULVERT #3050	REPAIR END SECTION, REATTACH GRATE								1	
428+25	NORTH	CULVERT #3051	PLACE 10 SY OF RR3 AROUND THE INLET STRUCTURES	10								10
477+00	NORTH	CULVERT #3055	CLEAN THE BARREL, PLACE RIPRAP OR TOPSOIL AND SEEDING UP TO THE LEVEL OF THE MEDIAN END SECTIONS		15			60				15
478+45	WEST	SN 006-0013	REPAIR HEADWALL AND SIDES, GRADE CHANNEL								1	
496+00	NORTH	CULVERT #3057	EXCAVATE THE EMBANKMENT, RESET SEPARATING END SECTIONS AND JOINT SECTIONS. SEPARATING SECTION JOINTS SHOULD BE SEALED OR COLLARED									
<b>WESTBOUND SUBTOTAL</b>				<b>10</b>	<b>50</b>	<b>15</b>	<b>1</b>	<b>120</b>	<b>0</b>	<b>22</b>	<b>3</b>	<b>60</b>
<b>TOTAL</b>				<b>90</b>	<b>120</b>	<b>30</b>	<b>2</b>	<b>180</b>	<b>312</b>	<b>22</b>	<b>5</b>	<b>190</b>

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	34
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	

**DRAINAGE SCHEDULE 2/4 - WESTBOUND CONTINUED**

LOCATION		STRUCTURE NUMBER	DESCRIPTION	PIPE UNDERDRAIN	PIPE	FLAP	CONCRETE	REINFORCEMENT	CLEAN	CONCRETE	REATTACH
STATION	SIDE			OUTLET	CULVERTS,	GATE	BOX	BARS,	EXISTING	CONCRETE	END
				EXTENSION FOR	CLASS A,	48"	CULVERT	EPOXY	SECTION	COLLAR	SECTION
				4" PIPE	TYPE 2 48"			COATED			
				EACH	FOOT	EACH	CU YD	POUND	EACH	CU YD	EACH
1+00	NORTH	CULVERT #3027	RECONSTRUCT AS PART OF NEW CROSSOVER								
				SEE MEDIAN CROSSOVER SCHEDULE							
97+00	NORTH	CULVERT #3031	EXCAVATE THE EMBANKMENT, RESET SEPARATING END SECTIONS AND JOINT SECTIONS. SEPARATING SECTION JOINTS SHOULD BE SEALED OR COLLARED					44		0.68	1
121+00	NORTH	CULVERT #3034	REPLACE DRIVING LANE END SECTIONS WITH STD. 542001 END SECTION, TRAVERSIBLE GRADE, AND GRADE ADJACENT SLOPES								
147+00	NORTH	CULVERT #3035	PROTECT CMP EXTENSION OUTLET WITH RR4								
158+65	NORTH	CULVERT #3036	REMOVE SILT BLOCKING AT FLAP GATE						1		
160+29	NORTH	CULVERT #3037	SEE COAL CREEK DETAIL		140	2	15.6	6005		2.32	
252+46	EAST	SN 006-0121	CLEAN INLET, GRADE DITCH, REMOVE EXCESS FOLIAGE						1		
278+43	ALL	CULVERT #3041	REMOVE AND PATCH DAMAGED PORTION OF CENTER BARREL, PLACE 10 SY OF RR3 AROUND INLET STRUCTURES								
				SEE MEDIAN DRAINAGE SCHEDULE							
314+50	NORTH	CULVERT #3043	CLEAN INLET, REATTACH END SECTIONS, REGRADE FORESLOPE						2		2
324+15	ALL	CULVERT #3044	PLACE RIPRAP OR TOPSOIL AND SEEDING UP TO LEVEL OF END SECTIONS, REPLACE MEDIAN RETICULINE GRADE								
				SEE MEDIAN DRAINAGE SCHEDULE							
352+70	ALL	SN 006-0118	REMOVE EXCESS VEGETATION, CLEAN & GRADE OUTLET CHANNEL						1		
362+75	NORTH	SN 006-0119	EXCAVATE THE EMBANKMENT, RESET SEPARATING END SECTIONS AND JOINT SECTIONS. SEPARATING SECTION JOINTS SHOULD BE SEALED OR COLLARED					39		0.54	1
381+00	NORTH	SN 006-0120	HEADWALL CRACKING, SEPARATION					49		0.83	1
389+40 TO 392+40	NORTH	SN 006-0121	EXTEND UNDERDRAIN TO THE BOTTOM OF THE SLOPE, REGRADE FORESLOPE	1							
428+25	NORTH	CULVERT #3051	PLACE 10 SY OF RR3 AROUND THE INLET STRUCTURES								
477+00	NORTH	CULVERT #3055	CLEAN THE BARREL. PLACE RIPRAP OR TOPSOIL AND SEEDING UP TO THE LEVEL OF THE MEDIAN END SECTIONS								
478+45	WEST	SN 006-0013	REPAIR WINGWALL, GRADE CHANNEL						1		
496+00	NORTH	CULVERT #3057	EXCAVATE THE EMBANKMENT, RESET SEPARATING END SECTIONS AND JOINT SECTIONS. SEPARATING SECTION JOINTS SHOULD BE SEALED OR COLLARED					49		0.83	1
<b>WESTBOUND SUBTOTAL</b>				<b>1</b>	<b>140</b>	<b>2</b>	<b>15.6</b>	<b>6186</b>	<b>6</b>	<b>5.2</b>	<b>6</b>
<b>TOTAL</b>				<b>1</b>	<b>140</b>	<b>2</b>	<b>15.6</b>	<b>6345</b>	<b>11</b>	<b>8.17</b>	<b>8</b>

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USER NAME = Cody.M.Johnson	DESIGNED - _____	REVISED - _____
DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = 100.2176' / in.	DATE - _____	REVISED - _____
PLOT DATE = 3/27/2023		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE: _____	SHEET _____	OF _____	SHEETS
STA. _____	TO STA. _____		

F.A.I. RTE. .80	SECTION (06-1.06-2)RS-4, BRR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 35
CONTRACT NO. 66165			ILLINOIS FED. AID PROJECT	

**DRAINAGE SCHEDULE 3/4 - EASTBOUND**

LOCATION	STRUCTURE NUMBER	DESCRIPTION	STONE RIPRAP CLASS A3	STONE RIPRAP CLASS A4	TRAVERSABLE PIPE GRADE FOR CONCRETE END SECTION	CONCRETE END SECTION STD. 542001 30", 1:4	PIPE CULVERTS TO BE CLEANED		CHANNEL EXCAVATION	CONCRETE HEADWALL REPAIR	CLEAN EXISTING END SECTION	REATTACH END SECTION	FILTER FABRIC
			SQ YD	SQ YD	FOOT	EACH	36"	42"					
171+00	SOUTH	CULVERT #3033			15	1							
278+43	ALL	CULVERT #3041	REMOVE AND PATCH DAMAGED PORTION OF CENTER BARREL, PLACE 10 SY OF RR3 AROUND INLET STRUCTURES										
324+15	ALL	CULVERT #3044	PLACE RIPRAP OR TOPSOIL AND SEEDING UP TO LEVEL OF END SECTIONS, REPLACE MEDIAN RETICULINE GRATE										
332+91	SOUTH	CULVERT #3045	RESET THE END SECTION										
397+00	SOUTH	CULVERT #3049	RESET END SECTION, BUILD UP THE FORESLOPE WITH TOPSOIL AND SEEDING										
474+00	SOUTH	CULVERT #3054	CLEAN DOWNSTREAM CHANNEL										
475+30	SOUTH	HOLE	FILL HOLE AT ~10 RIGHT OF EOP, SEED OVER TOP										
477+00	SOUTH	CULVERT #3056		20			60						20
478+45	BOTH	SN 006-0013		20						1	2		20
<b>EASTBOUND SUBTOTAL</b>			<b>0</b>	<b>40</b>	<b>15</b>	<b>1</b>	<b>60</b>	<b>0</b>	<b>70</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>40</b>
<b>TOTAL</b>			<b>90</b>	<b>120</b>	<b>30</b>	<b>2</b>	<b>180</b>	<b>312</b>	<b>70</b>	<b>5</b>	<b>11</b>	<b>8</b>	<b>210</b>

**DRAINAGE SCHEDULE 4/4 - MEDIAN**

LOCATION	STRUCTURE NUMBER	DESCRIPTION	STRUCTURAL REPAIR OF CONCRETE (DEPTH >5")	STONE RIPRAP CLASS A3	STONE RIPRAP CLASS A4	PIPE CULVERTS TO BE CLEANED		REINF BARS, EPOXY COATED	CONCRETE HEADWALL REPAIR	CONCRETE COLLAR	CLEAN EXISTING END SECTION	REPLACE MEDIAN GRATE	FILTER FABRIC
			SQ FT	SQ YD	SQ YD	36"	42"	FOOT	FOOT	POUND	EACH	CU YD	EACH
65+14	MEDIAN	CULVERT #3030			10						1		10
278+43	ALL	CULVERT #3041	3	20			312	159		2.97			20
324+15	ALL	CULVERT #3044		20								1	20
411+00	MEDIAN	CULVERT #3050		10									10
428+25	MEDIAN	CULVERT #5051		10									10
433+00	MEDIAN	CULVERT #3052		20									20
477+00	MEDIAN	CULVERT #3056			20				1				20
<b>WESTBOUND SUBTOTAL</b>			<b>3</b>	<b>80</b>	<b>30</b>	<b>0</b>	<b>312</b>	<b>159</b>	<b>1</b>	<b>2.97</b>	<b>1</b>	<b>1</b>	<b>110</b>
<b>TOTAL</b>			<b>3</b>	<b>90</b>	<b>120</b>	<b>180</b>	<b>312</b>	<b>6345</b>	<b>5</b>	<b>8.17</b>	<b>11</b>	<b>1</b>	<b>210</b>

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USER NAME = Cody.M.Johnson	DESIGNED - _____	REVISED - _____
PLOT SCALE = 100.2176' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 3/27/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	

F.A.I. RTE. .80	SECTION (06-1.06-2)RS-4, BR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 36
CONTRACT NO. 66165			ILLINOIS FED. AID PROJECT	

**EARTHWORK SCHEDULE**

LOCATION	SIDE	STRUCTURE	AREA	EARTH EXCAVATION	GRADING & SHAPING DITCHES	FURNISHED EX.	TEMP EROS CONT SEED	SEEDING CLASS 4	SEEDING CLASS 2A	NITRO FERT NUT	PHOSP FERT NUT	POT FERT NUT	EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS
STA TO STA			SQ YD	CU YD	FOOT	CU YD	POUND	ACRE	ACRE	LB	LB	LB	SQ YD	FOOT
1+00	NORTH	CULVERT #3027	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
91+50 94+50	NORTH	DITCH	300	5.6	300		11	0.104	0.002	9.5	9.5	9.5	513	300
97+00	NORTH	CULVERT #3031	50	10.6	50	11.5	2	0.018	0.003	2	2	2	102	50
121+00	NORTH	CULVERT #3034	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
160+29	NORTH	CULVERT #3037	1167	37		157.6	1	0.000	0.008	1	1	1	39	
252+46	EAST	SN 006-0121	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
278+43	SOUTH	CULVERT #3041	6	45.6		45.6	1	0.000	0.010	1	1	1	48	6
314+50	NORTH	CULVERT #3043	50	1	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
324+15	NORTH	CULVERT #3044	25				0	0.000	0.000	1	1	1		25
342+38	EAST	SN 006-0190	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
352+70	NORTH	CULVERT #3046	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
362+75	NORTH	CULVERT #3047	50	8.3	50	9.5	2	0.018	0.002	2	2	2	97	50
381+00	NORTH	CULVERT #3048	33	12.2		12	0	0.000	0.003	1	1	1	15	33
389+40 392+40	NORTH	UNDERDRAIN	300	5.6	300	12	11	0.104	0.002	9.5	9.5	9.5	513	300
477+00 478+00	NORTH	DITCH	100	1.9	100		4	0.035	0.001	3	3	3	174	100
478+45	EAST	SN 006-0013	50	0.5	25	1	1	0.009	0.001	1	1	1	48	50
478+45	WEST	SN 006-0013	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
496+00	NORTH	CULVERT #3057	50	13.2	50	14	2	0.018	0.003	2	2	2	102	50
97+00 98+00	SOUTH	DITCH	100	1.9	100		4	0.035	0.001	3	3	3	174	100
121+00	SOUTH	CULVERT #3033	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
324+15	SOUTH	CULVERT #3044	25				0	0.000	0.000	1	1	1		25
342+38	WEST	SN 006-0190	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
342+38	EAST	SN 006-0190	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
352+70	SOUTH	CULVERT #3046	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
397+00	SOUTH	CULVERT #3049	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
11+80 (RAMP C)	SOUTH	DITCH	150	2.8	150		5	0.052	0.001	5	5	5	257	150
474+00	SOUTH	CULVERT #3054	70	1.3	70	2.5	3	0.025	0.001	2.5	2.5	2.5	126	70
474+00 476+00	SOUTH	DITCH	200	3.8	200		7	0.069	0.001	6.5	6.5	6.5	339	200
476+00 477+00	SOUTH	DITCH	100	1.9	100		4	0.035	0.001	3	3	3	174	100
477+00	SOUTH	CULVERT #3056	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
478+45	SOUTH	SN 006-0013	95	1.8	95	4	3	0.033	0.001	3	3	3	165	95
63+50 65+00	MEDIAN	DITCH	150	2.8	150		5	0.052	0.001	5	5	5	257	150
75+00 79+00	MEDIAN	DITCH	400	7.5	400		14	0.138	0.002	12.5	12.5	12.5	678	400
81+50 84+50	MEDIAN	DITCH	300	5.6	300		11	0.104	0.002	9.5	9.5	9.5	513	300
94+00 97+00	MEDIAN	DITCH	300	5.6	300		11	0.104	0.002	9.5	9.5	9.5	513	300
104+50 106+00	MEDIAN	DITCH	150	2.8	150		5	0.052	0.001	5	5	5	257	150
204+50 207+00	MEDIAN	DITCH	250	4.7	250		9	0.087	0.001	8	8	8	426	250
352+70	MEDIAN	CULVERT #3046	50	1.0	50	2	2	0.018	0.001	1.5	1.5	1.5	92	50
376+50 379+50	MEDIAN	DITCH	300	5.6	300		11	0.104	0.002	9.5	9.5	9.5	513	300
410+30 411+00	MEDIAN	DITCH	70	1.3	70		3	0.025	0.001	2.5	2.5	2.5	126	70
411+00 412+00	MEDIAN	DITCH	100	1.9	100		4	0.035	0.001	3	3	3	174	100
455+00 456+50	MEDIAN	DITCH	150	2.8	150		5	0.052	0.001	5	5	5	257	150
492+00 493+50	MEDIAN	DITCH	150	2.8	150		5	0.052	0.001	5	5	5	257	150
<b>TOTAL</b>				211	4610	298	172	1.612	0.07	153	153	153	8145	4724

\*TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR) TO BE USED WHEN FINISHED GRADE EXCEEDS 1% SLOPE

\*\*CLASS 2A SEEDING SHALL BE USED FOR ANY SEEDING WITHIN 15 FT OF THE ROADWAY, CLASS 4 SEEDING SHALL BE USED FOR ALL SEEDING 15 FT AND FURTHER FROM THE ROADWAY.

NOTE: EARTH EXCAVATION QUANTITY IS AN ESTIMATION FOR INFORMATION ONLY

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	37
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	

**PAVEMENT MARKING SCHEDULE**

LOCATION STA TO STA				DESCRIPTION	LENGTH FOOT	PREFORMED PLASTIC PAV'T MARK., TYPE D			EPOXY PAVEMENT MARKING			GROOVING FOR PAVEMENT MARKING							
						L & S SQ FT	6" FOOT	12" FOOT	24" FOOT	4"		8" FOOT	12" FOOT	L&S SQ FT	5 INCH FOOT	7 INCH FOOT	9 INCH FOOT	13 INCH FOOT	25 INCH FOOT
										WHITE	YELLOW								
MAINLINE																			
EASTBOUND																			
0+00.0	TO	48+82.5	BK	START OF PROJECT TO STATION EQUATION 1	4883		1221			4883	4883	0			9766	1221			
48+82.0	AH TO	149+12.8	BK	STATION EQUATION 1 TO STATION EQUATION 2	10031		2508			10031	10031	0			20062	2508			
149+14.1	AH TO	244+60.9	BK	STATION EQUATION 2 TO STATION EQUATION 3	9547		2387			9547	9547	0			19094	2387			
244+62.1	AH TO	295+97.9	BK	STATION EQUATION 3 TO STATION EQUATION 4	5136		1284			5136	5136	0			10272	1284			
296+00.0	AH TO	410+67.8	BK	STATION EQUATION 4 TO STATION EQUATION 5	11468		2867			11468	11468	0			22936	2867			
410+73.5	AH TO	434+73.5	BK	STATION EQUATION 5 TO STATION EQUATION 6	2400		600			2400	2400	0			4800	600			
434+71.3	AH TO	455+01.8		STATION EQUATION 6 TO DECELERATION LANE TAPER	2030		508			2030	2030	0			4060	508			
455+01.8	TO	458+04.9		DECELERATION LANE TAPER TO EXITING LANESIDE GORE	303		76			0	303	101			303	76	101		
458+04.9	TO	462+23.0		EXITING LANESIDE GORE	418		105			0	418	418	182		418	105	418		
462+23.0	TO	472+18.6		EXITING LANESIDE GORE TO ENTERING LANESIDE GORE	996		249			996	996	0			1992	249			
472+18.6	TO	475+12.8		ENTERING LANESIDE GORE	294		74			0	294	294			294	74	294		
475+12.8	TO	483+62.0		ENTERING LANESIDE GORE TO END OF TAPER	849		212			0	849	0			849	212			
483+62.0	TO	503+11.0		END OF TAPER TO END OF PROJECT	1949		487			1949	1949	0			3898	487			
WESTBOUND																			
0+00.0	TO	48+82.5	BK	START OF PROJECT TO STATION EQUATION 1	4883		1221			4883	4883	0			9766	1221			
48+82.0	AH TO	149+12.8	BK	STATION EQUATION 1 TO STATION EQUATION 2	10031		2508			10031	10031	0			20062	2508			
149+14.1	AH TO	244+60.9	BK	STATION EQUATION 2 TO STATION EQUATION 3	9547		2387			9547	9547	0			19094	2387			
244+62.1	AH TO	295+97.9	BK	STATION EQUATION 3 TO STATION EQUATION 4	5136		1284			5136	5136	0			10272	1284			
296+00.0	AH TO	410+67.8	BK	STATION EQUATION 4 TO STATION EQUATION 5	11468		2867			11468	11468	0			22936	2867			
410+73.5	AH TO	434+73.5	BK	STATION EQUATION 5 TO STATION EQUATION 6	2400		600			2400	2400	0			4800	600			
434+71.3	AH TO	450+58.0		STATION EQUATION 6 TO START OF TAPER	1587		397			1587	1587	0			3174	397			
450+58.0	TO	458+58.5		START OF TAPER TO ENTERING LANESIDE GORE	801		200			0	801	0			801	200			
458+58.5	TO	463+53.5		ENTERING LANESIDE GORE	495		124			0	495	495	242		495	124	495		
463+53.5	TO	470+90.3		ENTERING LANESIDE GORE TO EXITING LANESIDE GORE	737		184			737	737	0			1474	184			
470+90.3	TO	475+35.5		EXITING LANESIDE GORE	445		111			0	445	445			445	111	445		
475+35.5	TO	478+35.7		EXITING LANESIDE GORE TO END OF DECELERATION LANE TAPER	300		75			0	300	100			300	75	100		
478+35.7	TO	503+11.0		END OF DECELERATION LANE TAPER TO END OF PROJECT	2475		619			2475	2475	0			4950	619			
<b>MAINLINE SUBTOTAL</b>						<b>0</b>	<b>25155</b>	<b>0</b>	<b>0</b>	<b>96704</b>	<b>100609</b>	<b>1853</b>	<b>424</b>	<b>0</b>	<b>197313</b>	<b>25155</b>	<b>1853</b>	<b>424</b>	<b>0</b>
<b>TOTAL</b>						<b>134</b>	<b>25155</b>	<b>72</b>	<b>50</b>	<b>106534</b>	<b>106293</b>	<b>1853</b>	<b>424</b>	<b>134</b>	<b>212827</b>	<b>25155</b>	<b>1853</b>	<b>496</b>	<b>50</b>

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PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	

**PAVEMENT MARKING SCHEDULE**

LOCATION STA TO STA	DESCRIPTION	LENGTH FOOT	PREFORMED PLASTIC PAV'T MARK., TYPE D			EPOXY PAVEMENT MARKING				GROOVING FOR PAVEMENT MARKING							
			L & S SQ FT	6"	12"	24"	4"		8"	12"	L&S SQ FT	5	7	9	13	25	
				WHITE FOOT	WHITE FOOT	WHITE FOOT	WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE FOOT		INCH FOOT	INCH FOOT	INCH FOOT	INCH FOOT	INCH FOOT	
INTERCHANGE																	
RAMP A																	
0+00.0 TO 5+96.3	TOP OF RAMP TO TANGENT SECTION 1 BOUNDARY	596	11.5				641	584			11.5	1225					
5+96.3 TO 9+74.0	TANGENT SECTION 1 BOUNDARY TO TANGENT SECTION 2 BOUNDARY	378					378	378				756					
9+74.0 TO 12+02.8	TANGENT SECTION 2 BOUNDARY TO TANGENT SECTION 2 BOUNDARY	229					229	229				458					
12+02.8 TO 15+71.6	TANGENT SECTION 2 BOUNDARY TO RAMP A RAMPSIDE GORE END	369					369	369				738					
15+71.6 TO 19+10.4	RAMP A RAMPSIDE GORE END TO BOTTOM OF RAMP	339					1289	0				1289					
RAMP B																	
0+00.0 TO 0+79.3	BOTTOM OF RAMP TO RAMP B RAMPSIDE GORE END	79					742	0				742					
0+79.3 TO 9+97.8	RAMP B RAMPSIDE GORE END TO TANGENT SECTION BOUNDARY	919					919	919				1838					
9+97.8 TO 15+89.9	TANGENT SECTION BOUNDARY TO TOP OF RAMP	592	55.5		36	25	646	586			55.5	1232			36 25		
RAMP C																	
0+00.0 TO 2+36.2	TOP OF RAMP TO TANGENT SECTION BOUNDARY	236	11.5				292	223			11.5	515					
2+36.2 TO 11+88.2	TANGENT SECTION BOUNDARY TO RAMP C RAMPSIDE GORE END	952					952	952				1904					
11+88.2 TO 13+75.9	RAMP C RAMPSIDE GORE END TO BOTTOM OF RAMP	188					1138	0				1138					
RAMP D																	
0+00.0 TO 0+54.1	BOTTOM OF RAMP TO RAMP D RAMPSIDE GORE END	54					720	0				720					
0+54.1 TO 7+17.6	RAMP D RAMPSIDE GORE END TO TANGENT SECTION 1 BOUNDARY	664					664	664				1328					
7+17.6 TO 9+62.3	TANGENT SECTION 1 BOUNDARY TO TANGENT SECTION 1 BOUNDARY	245					245	245				490					
9+62.3 TO 12+73.3	TANGENT SECTION 1 BOUNDARY TO TANGENT SECTION 2 BOUNDARY	311					311	311				622					
12+73.3 TO 15+12.6	TANGENT SECTION 2 BOUNDARY TO TOP OF RAMP	239	55.5		36	25	295	224			55.5	519			36 25		
<b>RAMP SUBTOTAL</b>				<b>134</b>	<b>0</b>	<b>72</b>	<b>50</b>	<b>9830</b>	<b>5684</b>	<b>0</b>	<b>0</b>	<b>134</b>	<b>15514</b>	<b>0</b>	<b>0</b>	<b>72</b>	<b>50</b>
<b>TOTAL</b>				<b>134</b>	<b>25155</b>	<b>72</b>	<b>50</b>	<b>106534</b>	<b>106293</b>	<b>1853</b>	<b>424</b>	<b>134</b>	<b>212827</b>	<b>25155</b>	<b>1853</b>	<b>496</b>	<b>50</b>

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	39
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	





RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE								
LOCATION			DESCRIPTION	LENGTH	RAISED REFL	RAISED REFLECTIVE PAVEMENT		
						MARKER		
STA	TO	STA		PVMT MARK REMOVAL	ONE WAY CRYSTAL	CRYSTAL/RED	AMBER/RED	
			FOOT	EACH	EACH	EACH	EACH	
INTERCHANGE								
RAMP A								
0+00.0	TO	5+96.3	TOP OF RAMP TO TANGENT SECTION 1 BOUNDARY	596				
5+96.3	TO	9+74.0	TANGENT SECTION 1 BOUNDARY TO TANGENT SECTION 2 BOUNDARY	378				
9+74.0	TO	12+02.8	TANGENT SECTION 2 BOUNDARY TO TANGENT SECTION 2 BOUNDARY	229				
12+02.8	TO	15+71.6	TANGENT SECTION 2 BOUNDARY TO RAMP A RAMPSIDE GORE END	369				
15+71.6	TO	19+10.4	RAMP A RAMPSIDE GORE END TO BOTTOM OF RAMP	339				
RAMP B								
0+00.0	TO	0+79.3	BOTTOM OF RAMP TO RAMP B RAMPSIDE GORE END	79	43	48	0	
0+79.3	TO	9+97.8	RAMP B RAMPSIDE GORE END TO TANGENT SECTION BOUNDARY	919	41	23	23	
9+97.8	TO	15+89.9	TANGENT SECTION BOUNDARY TO TOP OF RAMP	592	16	9	9	
RAMP C								
0+00.0	TO	2+36.2	TOP OF RAMP TO TANGENT SECTION BOUNDARY	236	7	4	4	
2+36.2	TO	11+88.2	TANGENT SECTION BOUNDARY TO RAMP C RAMPSIDE GORE END	952	43	24	24	
11+88.2	TO	13+75.9	RAMP C RAMPSIDE GORE END TO BOTTOM OF RAMP	188	41	46	0	
RAMP D								
0+00.0	TO	0+54.1	BOTTOM OF RAMP TO RAMP D RAMPSIDE GORE END	54				
0+54.1	TO	7+17.6	RAMP D RAMPSIDE GORE END TO TANGENT SECTION 1 BOUNDARY	664				
7+17.6	TO	9+62.3	TANGENT SECTION 1 BOUNDARY TO TANGENT SECTION 1 BOUNDARY	245				
9+62.3	TO	12+73.3	TANGENT SECTION 1 BOUNDARY TO TANGENT SECTION 2 BOUNDARY	311				
12+73.3	TO	15+12.6	TANGENT SECTION 2 BOUNDARY TO TOP OF RAMP	239				
<b>RAMP SUBTOTAL</b>					<b>191</b>	<b>0</b>	<b>154</b>	<b>60</b>
<b>TOTAL</b>					<b>2495</b>	<b>2559</b>	<b>154</b>	<b>60</b>

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	41
			CONTRACT NO. 66J65	
			ILLINOIS FED. AID PROJECT	

## TEMPORARY PAVEMENT MARKING SCHEDULE - 1 / 6

LOCATION	DESCRIPTION	LENGTH	PRE-STAGE						PAVMT MRKG REMOVAL WATER BLASTING SQ FT.
			SHORT TERM PAVT MKING FOOT	SHORT TERM PAVT MK REM SQ FT	TEMPORARY PAVEMENT MARKING				
					WHITE 4"	YELLOW 4"	WHITE 6"	WHITE 8"	
<b>STA TO STA</b>		<b>FOOT</b>	<b>FOOT</b>	<b>SQ FT</b>	<b>FOOT</b>	<b>FOOT</b>	<b>FOOT</b>	<b>FOOT</b>	<b>SQ FT.</b>
EASTBOUND									
1892+92 TO 1906+82	STAGE 2 LANE REDUCTION START TO STAGE 1 LANE REDUCTION START	1390	1112	367					
1906+82 TO 1926+82	STAGE 1 LANE REDUCTION START TO STAGE 1 CROSSOVER START	2000	1600	528					
1926+82 TO 1930+57	STAGE 1 CROSSOVER START TO HENRY COUNTY LINE	375	300	99					
0+00 TO 4+72	HENRY COUNTY LINE TO START OF STAGE 2 TRANSITION TO SHOULDER	472	377.6	125					
4+72 TO 5+95	STAGE 2 TRANSITION TO SHOULDER	123	98.4	33					
5+95 TO 6+85	STAGE 2 TRANSITION TO SHOULDER TO CROSSOVER INSIDE END	90	72	24					
6+85 TO 48+83	CROSSOVER INSIDE END TO STATION EQUATION 1 BK	4198							
48+82 TO 149+13	STATION EQUATION 1 AH TO STATION EQUATION 2 BK	10031							
149+14 TO 244+61	STATION EQUATION 2 AH TO STATION EQUATION 3 BK	9547							
244+62 TO 295+98	STATION EQUATION 3 AH TO STATION EQUATION 4 BK	5136							
296+00 TO 410+68	STATION EQUATION 4 AH TO STATION EQUATION 5 BK	11468							
410+74 TO 434+74	STATION EQUATION 5 AH TO STATION EQUATION 6 BK	2400							
434+71 TO 437+24	STATION EQUATION 6 AH TO CROSSOVER INSIDE END	253							
437+24 TO 439+05	CROSSOVER INSIDE END TO STAGE 2 TRANSITION OFF SHOULDER	181	144.8	48	543	543	46		382
439+05 TO 440+40	END OF STAGE 2 TRANSITION OFF OF SHOULDER TO END OF STAGE 2 RETURN TO TWO LANES	135	108	36	405	405	34		285
440+40 TO 443+74	END OF STAGE 2 RETURN TO TWO LANES TO END OF STAGE 1 CROSSOVER TRANSITION	334	267.2	89	1002	1002	84		704
443+74 TO 444+74	END OF STAGE 1 CROSSOVER TRANSITION TO END OF STAGE 1 RETURN TO TWO LANES	100	80	27	300	300	25		211
444+74 TO 455+02	END OF STAGE 1 RETURN TO TWO LANES TO DECELERATION TAPER	1028	822.4	272	3084	3084	257		2164
455+02 TO 458+05	DECELERATION TAPER TO START OF EXITING LANESIDE GORE	303	242.4	80	101	909	76		372
458+05 TO 462+23	EXITING LANESIDE GORE	418	418	138		1254	105	1255	1295
462+23 TO 472+19	END OF EXITING LANESIDE GORE TO START OF ENTERING LANESIDE GORE	996	796.8	263	2988	2988	249		2097
472+19 TO 475+13	ENTERING LANESIDE GORE	294	294	98		882	74	883	911
475+13 TO 483+62	END OF ENTERING LANESIDE GORE TO END OF TAPER	849	679.2	225	283	2547	213		1041
483+62 TO 503+11	END OF TAPER TO END OF PROJECT	1949	1559.2	515	5847	5847	488		4104
<b>EASTBOUND SUBTOTAL</b>			8972	2967	14553	19761	1651	2138	13566
<b>TOTAL</b>		<b>0</b>	<b>15358</b>	<b>5083</b>	<b>28558</b>	<b>39522</b>	<b>3304</b>	<b>4958</b>	<b>27401</b>

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	DRAWN -	REVISED -
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PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR		208	42
			CONTRACT NO. 66J65	
			ILLINOIS FED. AID PROJECT	

## TEMPORARY PAVEMENT MARKING SCHEDULE - 2 / 6

LOCATION	DESCRIPTION	LENGTH	PRE-STAGE							PAVMT MRKG REMOVAL WATER BLASTING SQ FT.
			SHORT TERM PAVT MKING FOOT	SHORT TERM PAVT MK REM SQ FT	TEMPORARY PAVEMENT MARKING					
					WHITE	YELLOW		WHITE		
					4"	4"	6"	8"		
STA TO STA		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
WESTBOUND										
1925+82 TO 1930+57	START OF STAGE 2 LANE ADDITION TAPER TO HENRY COUNTY LINE	475	380	126						
0+00 TO 2+62	HENRY COUNTY LINE TO START OF STAGE 1 RETURN TO TWO LANES	262	209.6	70						
2+62 TO 4+91	STAGE 1 RETURN TO TWO LANES	229	183.2	61						
4+91 TO 4+91	END OF STAGE 1 RETURN TO TWO LANES TO STAGE 1 TRANSITION OFF OF SHOULDER	0	0	0						
4+91 TO 5+95	STAGE 1 TRANSITION OFF SHOULDER	104	83.2	28						
5+95 TO 6+85	STAGE 1 TRANSITION OFF OF SHOULDER TO CROSSOVER INSIDE END	90	72	24						
6+85 TO 48+83	CROSSOVER INSIDE END TO STATION EQUATION 1 BK	4198								
48+82 TO 149+13	STATION EQUATION 1 AH TO STATION EQUATION 2 BK	10031								
149+14 TO 244+61	STATION EQUATION 2 AH TO STATION EQUATION 3 BK	9547								
244+62 TO 295+98	STATION EQUATION 3 AH TO STATION EQUATION 4 BK	5136								
296+00 TO 410+68	STATION EQUATION 4 AH TO STATION EQUATION 5 BK	11468								
410+74 TO 434+74	STATION EQUATION 5 AH TO STATION EQUATION 6 BK	2400								
434+71 TO 437+24	STATION EQUATION 6 AH TO CROSSOVER INSIDE END	253								
437+24 TO 438+24	CROSSOVER INSIDE END TO STAGE 2 CROSSOVER START	100	80	27	300	300	25		211	
438+24 TO 438+24	STAGE 2 CROSSOVER START TO STAGE 1 TRANSITION TO SHOULDER	0	0	0	0	0	0		0	
438+24 TO 439+05	STAGE 1 TRANSITION TO SHOULDER	81	64.8	22	243	243	21		171	
439+05 TO 443+74	STAGE 1 TRANSITION TO SHOULDER TO END OF STAGE 2 CROSSOVER TRANSITION	469	375.2	124	1407	1407	118		988	
443+74 TO 448+57	END OF STAGE 2 CROSSOVER TRANSITION TO START OF STAGE 2 RAMP A MERGE	483	386.4	128	1449	1449	121		1017	
448+57 TO 450+58	START OF STAGE 2 RAMP A MERGE TO END OF TAPER	201	160.8	54	603	603	51		424	
450+58 TO 458+59	END OF TAPER TO START OF ENTERING LANESIDE GORE	801	640.8	212	267	2403	201		982	
458+59 TO 463+54	ENTERING LANESIDE GORE	495	495	164		1485	124	1485	1533	
463+54 TO 464+78	ENTERING LANESIDE GORE TO END OF STAGE 2 LANE REDUCTION TAPER	125	100	33	375	375	32		264	
464+78 TO 469+89	END OF STAGE 2 LANE REDUCTION TAPER TO END OF STAGE 1 LANE REDUCTION TAPER	511	408.8	135	1533	1533	128		1076	
469+89 TO 470+90	END OF STAGE 1 LANE REDUCTION TAPER TO START OF EXITING LANESIDE GORE	101	80.8	27	303	303	26		213	
470+90 TO 475+36	EXITING LANESIDE GORE	445	445	147		1335	112	1335	1378	
475+36 TO 478+36	END OF EXITING LANESIDE GORE TO START OF DECELERATION LANE TAPER	300	240	80	100	900	75		368	
478+36 TO 503+11	START OF DECELERATION LANE TAPER TO END OF PROJECT	2475	1980	654	7425	7425	619		5210	
<b>WESTBOUND SUBTOTAL</b>			6385.6	2116	14005	19761	1653	2820	13835	
<b>TOTAL</b>		<b>0</b>	<b>15358</b>	<b>5083</b>	<b>28558</b>	<b>39522</b>	<b>3304</b>	<b>4958</b>	<b>27401</b>	

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	43
			CONTRACT NO. 66J65	
			ILLINOIS FED. AID PROJECT	

## TEMPORARY PAVEMENT MARKING SCHEDULE - 3 / 6

LOCATION	DESCRIPTION	LENGTH	STAGE 1					PAVMT MRKG REMOVAL WATER BLASTING SQ FT.
			WET REFLECTIVE TEMP. TAPE, TY 3		EPOXY TEMPORARY PAVEMENT MARKING			
			WHITE	YELLOW	WHITE	YELLOW		
			4"	4"	4"	4"	6"	
STA TO STA		FOOT	FOOT	FOOT	FOOT	FOOT		
EASTBOUND								
1892+92 TO 1906+82	STAGE 2 LANE REDUCTION START TO STAGE 1 LANE REDUCTION START	1390			2780	1390	348	1551
1906+82 TO 1926+82	STAGE 1 LANE REDUCTION START TO STAGE 1 CROSSOVER START	2000	500	500	4000	2000	500	2560
1926+82 TO 1930+57	STAGE 1 CROSSOVER START TO HENRY COUNTY LINE	375	375	375	750	750	94	790
0+00 TO 4+72	HENRY COUNTY LINE TO START OF STAGE 2 TRANSITION TO SHOULDER	472	472	472	708	708	118	838
4+72 TO 5+95	STAGE 2 TRANSITION TO SHOULDER	123	123	123	123	123	31	178
5+95 TO 6+85	STAGE 2 TRANSITION TO SHOULDER TO CROSSOVER INSIDE END	90	90	90	90	90	23	131
6+85 TO 48+83	CROSSOVER INSIDE END TO STATION EQUATION 1 BK	4198	500	500	4198	4198	1050	3626
48+82 TO 149+13	STATION EQUATION 1 AH TO STATION EQUATION 2 BK	10031			10031	10031	2508	7875
149+14 TO 244+61	STATION EQUATION 2 AH TO STATION EQUATION 3 BK	9547			9547	9547	2387	7495
244+62 TO 295+98	STATION EQUATION 3 AH TO STATION EQUATION 4 BK	5136			5136	5136	1284	4032
296+00 TO 410+68	STATION EQUATION 4 AH TO STATION EQUATION 5 BK	11468			11468	11468	2867	9003
410+74 TO 434+74	STATION EQUATION 5 AH TO STATION EQUATION 6 BK	2400	247	247	2400	2400	600	2048
434+71 TO 437+24	STATION EQUATION 6 AH TO CROSSOVER INSIDE END	253	253	253	253	253	64	366
437+24 TO 439+05	CROSSOVER INSIDE END TO STAGE 2 TRANSITION OFF SHOULDER	181	181	181	181	181	46	262
439+05 TO 440+40	END OF STAGE 2 TRANSITION OFF SHOULDER TO END OF STAGE 2 RETURN TO TWO LANES	135	135	135	135	135	34	196
440+40 TO 443+74	END OF STAGE 2 RETURN TO TWO LANES TO END OF STAGE 1 CROSSOVER TRANSITION	334	334	334	584.5	584.5	84	649
443+74 TO 444+74	END OF STAGE 1 CROSSOVER TRANSITION TO END OF STAGE 1 RETURN TO TWO LANES	100	100	100	200	100	25	178
444+74 TO 455+02	END OF STAGE 1 RETURN TO TWO LANES TO DECELERATION TAPER	1028	500	500	1028	1028	257	1137
455+02 TO 458+05	DECELERATION TAPER TO START OF EXITING LANESIDE GORE	303			303	303	76	238
458+05 TO 462+23	EXITING LANESIDE GORE	418			418	418	105	329
462+23 TO 472+19	END OF EXITING LANESIDE GORE TO START OF ENTERING LANESIDE GORE	996			996	996	249	782
472+19 TO 475+13	ENTERING LANESIDE GORE	294			294	294	74	232
475+13 TO 483+62	END OF ENTERING LANESIDE GORE TO END OF TAPER	849			849	849	213	667
483+62 TO 503+11	END OF TAPER TO END OF PROJECT	1949			1949	1949	488	1531
<b>EASTBOUND SUBTOTAL</b>			3810	3810	58421.5	54931.5	13525	46694
<b>TOTAL</b>		<b>0</b>	<b>7620</b>		<b>203536.5</b>	<b>197282.5</b>	<b>26230</b>	<b>149801</b>

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	44
			CONTRACT NO. 66J65	
			ILLINOIS FED. AID PROJECT	

## TEMPORARY PAVEMENT MARKING SCHEDULE - 4 / 6

LOCATION	DESCRIPTION	LENGTH	STAGE 1					PAVMT MRKG REMOVAL WATER BLASTING SQ FT.	
			WET REFLECTIVE TEMP. TAPE, TY 3		EPOXY TEMPORARY PAVEMENT MARKING				
			WHITE	YELLOW	WHITE	YELLOW			
			4"	4"	4"	4"	6"		
STA TO STA		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
WESTBOUND			500	500					
1925+82 TO 1930+57	START OF STAGE 2 LANE ADDITION TAPER TO HENRY COUNTY LINE	475	475	475	475	475	119	687	
0+00 TO 2+62	HENRY COUNTY LINE TO START OF STAGE 1 RETURN TO TWO LANES	262	262	262	393	393	66	466	
2+62 TO 4+91	STAGE 1 RETURN TO TWO LANES	229	229	229	458	687	58	558	
4+91 TO 4+91	END OF STAGE 1 RETURN TO TWO LANES TO STAGE 1 TRANSITION OFF OF SHOULDER	0	0	0	0	0	0	0	
4+91 TO 5+95	STAGE 1 TRANSITION OFF SHOULDER	104	104	104	312	312	26	288	
5+95 TO 6+85	STAGE 1 TRANSITION OFF OF SHOULDER TO CROSSOVER INSIDE END	90	90	90	270	270	23	250	
6+85 TO 48+83 BK	CROSSOVER INSIDE END TO STATION EQUATION 1 BK	4198	500	500	12594	12594	1050	9168	
48+82 AH TO 149+13 BK	STATION EQUATION 1 AH TO STATION EQUATION 2 BK	10031			30093	30093	2508	21116	
149+14 AH TO 244+61 BK	STATION EQUATION 2 AH TO STATION EQUATION 3 BK	9547			28641	28641	2387	20097	
244+62 AH TO 295+98 BK	STATION EQUATION 3 AH TO STATION EQUATION 4 BK	5136			15408	15408	1284	10812	
296+00 AH TO 410+68 BK	STATION EQUATION 4 AH TO STATION EQUATION 5 BK	11468			34404	34404	2867	24141	
410+74 AH TO 434+74 BK	STATION EQUATION 5 AH TO STATION EQUATION 6 BK	2400	247	247	7200	7200	600	5216	
434+71 AH TO 437+24	STATION EQUATION 6 AH TO CROSSOVER INSIDE END	253	253	253	759	759	64	700	
437+24 TO 438+24	CROSSOVER INSIDE END TO STAGE 2 CROSSOVER START	100	100	100	300	300	25	277	
438+24 TO 438+24	STAGE 2 CROSSOVER START TO STAGE 1 TRANSITION TO SHOULDER	0	0	0	0	0	0	0	
438+24 TO 439+05	STAGE 1 TRANSITION TO SHOULDER	81	81	81	243	243	21	225	
439+05 TO 443+74	STAGE 1 TRANSITION TO SHOULDER TO END OF STAGE 2 CROSSOVER TRANSITION	469	469	469	704	1173	118	988	
443+74 TO 448+57	END OF STAGE 2 CROSSOVER TRANSITION TO START OF STAGE 2 RAMP A MERGE	483	483	483	1449	966	121	1177	
448+57 TO 450+58	START OF STAGE 2 RAMP A MERGE TO END OF TAPER	201	17	17	603	402	51	369	
450+58 TO 458+59	END OF TAPER TO START OF ENTERING LANESIDE GORE	801			2403	1602	201	1423	
458+59 TO 463+54	START OF ENTERING LANESIDE GORE TO END OF ENTERING LANESIDE GORE	495			1485	990	124	879	
463+54 TO 464+78	END OF ENTERING LANESIDE GORE TO END OF STAGE 2 LANE REDUCTION TAPER	125			375	250	32	223	
464+78 TO 469+89	END OF STAGE 2 LANE REDUCTION TAPER TO END OF STAGE 1 LANE REDUCTION TAPER	511			1533	1022	128	908	
469+89 TO 470+90	END OF STAGE 1 LANE REDUCTION TAPER TO START OF EXITING LANESIDE GORE	101			303	202	26	180	
470+90 TO 475+36	START OF EXITING LANESIDE GORE TO END OF EXITING LANESIDE GORE	445			1335	890	112	791	
475+36 TO 478+36	END OF EXITING LANESIDE GORE TO START OF DECELERATION LANE TAPER	300			900	600	75	533	
478+36 TO 503+11	START OF DECELERATION LANE TAPER TO END OF PROJECT	2475			2475	2475	619	1943	
WESTBOUND SUBTOTAL				3810	3810	145115	142351	12705	103415
TOTAL			0	7620		203536.5	197282.5	26230	150109

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DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = 100.2176' / in.	DATE - _____	REVISED - _____
PLOT DATE = 3/27/2023		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE: _____	SHEET _____	OF _____	SHEETS
STA. _____	TO STA. _____		

F.A.I RTE. .80	SECTION (06-1.06-2)RS-4, BRR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 45
CONTRACT NO. 66165			ILLINOIS FED. AID PROJECT	

## TEMPORARY PAVEMENT MARKING SCHEDULE - 5 / 6

LOCATION	DESCRIPTION	LENGTH	STAGE 2					PAVMT MRKG REMOVAL WATER BLASTING SQ FT.
			WET REFLECTIVE TEMP. TAPE, TY 3		EPOXY TEMPORARY PAVEMENT MARKING			
			WHITE	YELLOW	WHITE	YELLOW		
			4"	4"	4"	4"	6"	
STA TO STA		FOOT	FOOT	FOOT	FOOT	FOOT		
EASTBOUND								
1892+92 TO 1906+82	STAGE 2 LANE REDUCTION START TO STAGE 1 LANE REDUCTION START	1390			1390	1390	348	1092
1906+82 TO 1926+82	STAGE 1 LANE REDUCTION START TO STAGE 1 CROSSOVER START	2000	500	500	2000	2000	500	1900
1926+82 TO 1930+57	STAGE 1 CROSSOVER START TO HENRY COUNTY LINE	375	375	375	375	375	94	542
0+00 TO 4+72	HENRY COUNTY LINE TO START OF STAGE 2 TRANSITION TO SHOULDER	472	472	472	944	944	118	994
4+72 TO 5+95	STAGE 2 TRANSITION TO SHOULDER	123	123	123	369	369	31	341
5+95 TO 6+85	STAGE 2 TRANSITION TO SHOULDER TO CROSSOVER INSIDE END	90	90	90	270	270	23	250
6+85 TO 48+83	CROSSOVER INSIDE END TO STATION EQUATION 1 BK	4198	500	500	12594	12594	1050	9168
48+82 TO 149+13	STATION EQUATION 1 AH TO STATION EQUATION 2 BK	10031			30093	30093	2508	21116
149+14 TO 244+61	STATION EQUATION 2 AH TO STATION EQUATION 3 BK	9547			28641	28641	2387	20097
244+62 TO 295+98	STATION EQUATION 3 AH TO STATION EQUATION 4 BK	5136			15408	15408	1284	10812
296+00 TO 410+68	STATION EQUATION 4 AH TO STATION EQUATION 5 BK	11468			34404	34404	2867	24141
410+74 TO 434+74	STATION EQUATION 5 AH TO STATION EQUATION 6 BK	2400			7200	7200	600	5052
434+71 TO 437+24	STATION EQUATION 6 AH TO CROSSOVER INSIDE END	253	500	500	759	759	64	863
437+24 TO 439+05	CROSSOVER INSIDE END TO STAGE 2 TRANSITION OFF SHOULDER	181	181	181	543	543	46	501
439+05 TO 440+40	END OF STAGE 2 TRANSITION OFF SHOULDER TO END OF STAGE 2 RETURN TO TWO LANES	135	135	135	270	405	34	329
440+40 TO 443+74	END OF STAGE 2 RETURN TO TWO LANES TO END OF STAGE 1 CROSSOVER TRANSITION	334	334	334	668	668	84	704
443+74 TO 444+74	END OF STAGE 1 CROSSOVER TRANSITION TO END OF STAGE 1 RETURN TO TWO LANES	100	100	100	100	100	25	145
444+74 TO 455+02	END OF STAGE 1 RETURN TO TWO LANES TO DECELERATION TAPER	1028	500	500	1028	1028	257	1137
455+02 TO 458+05	DECELERATION TAPER TO START OF EXITING LANESIDE GORE	303			303	303	76	238
458+05 TO 462+23	EXITING LANESIDE GORE	418			418	418	105	329
462+23 TO 472+19	END OF EXITING LANESIDE GORE TO START OF ENTERING LANESIDE GORE	996			996	996	249	782
472+19 TO 475+13	ENTERING LANESIDE GORE	294			294	294	74	232
475+13 TO 483+62	END OF ENTERING LANESIDE GORE TO END OF TAPER	849			849	849	213	667
483+62 TO 503+11	END OF TAPER TO END OF PROJECT	1949			1949	1949	488	1531
<b>EASTBOUND SUBTOTAL</b>			3810	3810	141865	142000	13525	102963
<b>TOTAL</b>		<b>0</b>	<b>7620</b>		<b>192645</b>	<b>192780</b>	<b>26230</b>	<b>144720</b>

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	46
			CONTRACT NO. 66J65	
		ILLINOIS FED. AID PROJECT		

## TEMPORARY PAVEMENT MARKING SCHEDULE - 6 / 6

LOCATION	DESCRIPTION	LENGTH	STAGE 2					PAVMT MRKG REMOVAL WATER BLASTING	
			WET REFLECTIVE TEMP. TAPE, TY 3		EPOXY TEMPORARY PAVEMENT MARKING				
			WHITE	YELLOW	WHITE	YELLOW			
			4"	4"	4"	4"	6"		
STA TO STA		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT.	
WESTBOUND			500	500					
1925+82 TO 1930+57	START OF STAGE 2 LANE ADDITION TAPER TO HENRY COUNTY LINE	475	475	475	475	475	119	687	
0+00 TO 2+62	HENRY COUNTY LINE TO START OF STAGE 1 RETURN TO TWO LANES	262	262	262	262	262	66	379	
2+62 TO 4+91	STAGE 1 RETURN TO TWO LANES	229	229	229	229	229	58	332	
4+91 TO 4+91	END OF STAGE 1 RETURN TO TWO LANES TO STAGE 1 TRANSITION OFF OF SHOULDER	0	0	0	0	0	0	0	
4+91 TO 5+95	STAGE 1 TRANSITION OFF SHOULDER	104	104	104	104	104	26	151	
5+95 TO 6+85	STAGE 1 TRANSITION OFF OF SHOULDER TO CROSSOVER INSIDE END	90	90	90	90	90	23	131	
6+85 TO 48+83 BK	CROSSOVER INSIDE END TO STATION EQUATION 1 BK	4198	500	500	4198	4198	1050	3626	
48+82 AH TO 149+13 BK	STATION EQUATION 1 AH TO STATION EQUATION 2 BK	10031			10031	10031	2508	7875	
149+14 AH TO 244+61 BK	STATION EQUATION 2 AH TO STATION EQUATION 3 BK	9547			9547	9547	2387	7495	
244+62 AH TO 295+98 BK	STATION EQUATION 3 AH TO STATION EQUATION 4 BK	5136			5136	5136	1284	4032	
296+00 AH TO 410+68 BK	STATION EQUATION 4 AH TO STATION EQUATION 5 BK	11468			11468	11468	2867	9003	
410+74 AH TO 434+74 BK	STATION EQUATION 5 AH TO STATION EQUATION 6 BK	2400	247	247	2400	2400	600	2048	
434+71 AH TO 437+24	STATION EQUATION 6 AH TO CROSSOVER INSIDE END	253	253	253	253	253	64	366	
437+24 TO 438+24	CROSSOVER INSIDE END TO STAGE 2 CROSSOVER START	100	100	100	100	100	25	145	
438+24 TO 438+24	STAGE 2 CROSSOVER START TO STAGE 1 TRANSITION TO SHOULDER	0	0	0	0	0	0	0	
438+24 TO 439+05	STAGE 1 TRANSITION TO SHOULDER	81	81	81	81	81	21	118	
439+05 TO 443+74	STAGE 1 TRANSITION TO SHOULDER TO END OF STAGE 2 CROSSOVER TRANSITION	469	469	469	469	469	118	679	
443+74 TO 448+57	END OF STAGE 2 CROSSOVER TRANSITION TO START OF STAGE 2 RAMP A MERGE	483	483	483	483	483	121	699	
448+57 TO 450+58	START OF STAGE 2 RAMP A MERGE TO END OF TAPER	201	17	17	201	201	51	170	
450+58 TO 458+59	END OF TAPER TO START OF ENTERING LANESIDE GORE	801			801	801	201	630	
458+59 TO 463+54	START OF ENTERING LANESIDE GORE TO END OF ENTERING LANESIDE GORE	495			495	495	124	389	
463+54 TO 464+78	END OF ENTERING LANESIDE GORE TO END OF STAGE 2 LANE REDUCTION TAPER	125			125	125	32	99	
464+78 TO 469+89	END OF STAGE 2 LANE REDUCTION TAPER TO END OF STAGE 1 LANE REDUCTION TAPER	511			511	511	128	402	
469+89 TO 470+90	END OF STAGE 1 LANE REDUCTION TAPER TO START OF EXITING LANESIDE GORE	101			101	101	26	80	
470+90 TO 475+36	START OF EXITING LANESIDE GORE TO END OF EXITING LANESIDE GORE	445			445	445	112	350	
475+36 TO 478+36	END OF EXITING LANESIDE GORE TO START OF DECELERATION LANE TAPER	300			300	300	75	236	
478+36 TO 503+11	START OF DECELERATION LANE TAPER TO END OF PROJECT	2475			2475	2475	619	1943	
WESTBOUND SUBTOTAL				3810	3810	50780	50780	12705	42065
TOTAL			0	7620	7620	192645	192780	26230	145028

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USER NAME = Cody.M.Johnson	DESIGNED - _____	REVISED - _____
DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = 100.2176' / in.	DATE - _____	REVISED - _____
PLOT DATE = 3/27/2023		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	

F.A.I RTE. .80	SECTION (06-1.06-2)RS-4, BRR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 47
CONTRACT NO. 66165			ILLINOIS FED. AID PROJECT	

**GUARDRAIL SCHEDULE EASTBOUND**

STRUCT NO.	QUAD	SIDE	DIRECTION OF TRAFFIC	LOCATION	LENGTH	NOTES	LENGTH OF NEED	GR REM	R&R RAIL ELEM EX GDRL	GR BLOCKS	SPBGR TY A 6 FT POSTS	SPBGR TY A 9 FT POSTS	LSG OVER CULVERT 18'-9" SPAN	TRAFFIC BARRIER			TERMINAL MARKER DIRECT APPLIED	GR REF TYPE A	LINEAR DELIN PANELS 4"	
														TERM TY 6	TERM TY 2	TERM TY 1 SPL TANGENT			WH	YL
					FOOT		FOOT	FOOT	FOOT	EACH	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	
006-0001	SW	DL	EB APPR	52+02 TO 54+77	275		255	367			188			1		1	1	4	3	
	NW	PL	EB APPR	51+67 TO 54+80	313		300	470			225			1		1	1	4		4
	SE	DL	EB DEPT	55+73 TO 56+31	58				58									2	2	
	NE	PL	EB DEPT	55+76 TO 56+74	98	*		13	48							1	1	2		2
006-0115	SW	DL	EB APPR	63+32 TO 65+95	263		240	227			175			1		1	1	4	3	
006-0003	SW	DL	EB APPR	77+12 TO 79+75	263		250	363			175			1		1	1	4	3	
	NW	PL	EB APPR	74+95 TO 79+70	475	CURB REMOVAL STA 79+56	455	476			388			1		1	1	6		6
	SE	DL	EB DEPT	80+48 TO 81+07	59				59	1								2	2	
	NE	PL	EB DEPT	80+43 TO 81+38	95	* CURB REMOVAL STA 80+54		13	45							1	1	2		2
006-0122	SW	DL	EB APPR	156+44 TO 159+32	288		268	244			200			1		1	1	4	3	
006-0005	SW	DL	EB APPR	179+77 TO 182+40	263		240	365			175			1		1	1	4	3	
	NW	PL	EB APPR	179+07 TO 182+07	300	CURB REMOVAL STA 182+00	280	475			213			1		1	1	4		4
	SE	DL	EB DEPT	183+76 TO 184+31	55				55									2	2	
	NE	PL	EB DEPT	183+43 TO 184+38	95	* CURB REMOVAL STA 184+38		13	45							1	1	2		2
006-0007	SW	DL	EB APPR	199+80 TO 202+30	250		235	313			163			1		1	1	4	3	
	NW	PL	EB APPR	198+49 TO 202+12	363		350	362			275			1		1	1	5		4
	SE	DL	EB DEPT	203+91 TO 204+66	75	CURB REMOVAL STA 203+91	20	57			25			1	1			2	2	
	NE	PL	EB DEPT	203+73 TO 204+61	88	* CURB REMOVAL STA 203+71		13	38							1	1	2		2
006-0121	SW	DL	EB APPR	249+81 TO 252+56	275		256	227			188			1		1	1	4	3	
OBJ ID 3041	S	DL	EB APPR	275+81 TO 278+82	301		249	273				213	50		1	1	1	4	1	
006-0117	SW	DL	EB APPR	340+11 TO 342+36	225		210	251				138		1		1	1	4	1	
006-0009	SW	DL	EB APPR	419+12 TO 422+50	338		235	337			250			1		1	1	4	4	
	NW	PL	EB APPR	418+89 TO 422+50	361				361									5		5
006-0184	SW	DL	EB APPR	423+80 TO 426+29	249	CURB REMOVAL STA 423+80			249									4	3	
	NW	PL	EB APPR	423+80 TO 425+89	209	CURB REMOVAL STA 423+80			209									4		3
	SE	DL	EB DEPT																	
	NE	PL	EB DEPT	428+05 TO 429+81	176	* CURB REMOVAL STA 428+05		13	126							1	1	4		2
006-0089	SW	DL	EB APPR	472+16 TO 474+88	272				272									4	3	
006-0013	SW	DL	EB APPR	475+07 TO 478+33	326				326									4	4	
<b>EASTBOUND SUB TOTAL</b>					<b>6,408</b>		<b>3,843</b>	<b>4,872</b>	<b>1,891</b>	<b>1</b>	<b>2,640</b>	<b>351</b>	<b>50</b>	<b>14</b>	<b>2</b>	<b>19</b>	<b>19</b>	<b>100</b>	<b>81</b>	
<b>GRAND TOTAL</b>					<b>11,627</b>		<b>3,843</b>	<b>4,872</b>	<b>1,891</b>	<b>1</b>	<b>2,640</b>	<b>351</b>	<b>50</b>	<b>14</b>	<b>2</b>	<b>19</b>	<b>19</b>	<b>100</b>	<b>163</b>	

\* GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.

\*\* PAVED SHOULDER REMOVAL TO REMOVE EXISTING HMA STABILIZATION & FACILITATE INSTALLATION OF NEW GUARDRAIL

\*\*\*THE GIVEN LENGTH OF LONG-SPAN GUARDRAIL OVER CULVERT INCLUDES 25' OF STEEL PLATE BEAM GUARDRAIL ON CRT POSTS.

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	48
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	



**GUARDRAIL SCHEDULE EASTBOUND CONTINUED**

STRUCT NO.	QUAD	SIDE	DIRECTION OF TRAFFIC	LOCATION	LENGTH	NOTES	AGG	AGG	EARTH	PAVED	HMA	CURB	CONC	FURN
							SHLD	SHLD	EX	SHLD	STAB	REM	CURB	EX
					FOOT		(6")	TYP	EX	**	6" AT	TY	B	CU YD
							CU YD	TON	CU YD	SQ YD	SQ YD	FOOT	FOOT	CU YD
006-0001	SW	DL	EB APPR	52+02 TO 54+77	275		27				122			25
	NW	PL	EB APPR	51+67 TO 54+80	313		35				139			
	SE	DL	EB DEPT	55+73 TO 56+31	58									
	NE	PL	EB DEPT	55+76 TO 56+74	98	*	1	8	3					
006-0115	SW	DL	EB APPR	63+32 TO 65+95	263		17				117			20
006-0003	SW	DL	EB APPR	77+12 TO 79+75	263		27				117			20
	NW	PL	EB APPR	74+95 TO 79+70	475	CURB REMOVAL STA 79+56	35				211	6	6	
	SE	DL	EB DEPT	80+48 TO 81+07	59									
	NE	PL	EB DEPT	80+43 TO 81+38	95	* CURB REMOVAL STA 80+54	1	8	3			6	6	
006-0122	SW	DL	EB APPR	156+44 TO 159+32	288		18				128			25
006-0005	SW	DL	EB APPR	179+77 TO 182+40	263		27				117			20
	NW	PL	EB APPR	179+07 TO 182+07	300	CURB REMOVAL STA 182+00	35				133	10	10	
	SE	DL	EB DEPT	183+76 TO 184+31	55									
	NE	PL	EB DEPT	183+43 TO 184+38	95	*	1	8	3					
006-0007	SW	DL	EB APPR	199+80 TO 202+30	250		23				111			20
	NW	PL	EB APPR	198+49 TO 202+12	363		20				161			
	SE	DL	EB DEPT	203+91 TO 204+66	75	CURB REMOVAL STA 203+91	4				33	10	10	5
	NE	PL	EB DEPT	203+73 TO 204+61	88	* CURB REMOVAL STA 203+71	1	8	3			6	6	
006-0121	SW	DL	EB APPR	249+81 TO 252+56	275		20				122			25
OBJ ID 3041	S	DL	EB APPR	275+81 TO 278+82	301		20				134			
006-0117	SW	DL	EB APPR	340+11 TO 342+36	225		19				100			20
006-0009	SW	DL	EB APPR	419+12 TO 422+50	338		25				150			30
	NW	PL	EB APPR	418+89 TO 422+50	361									
006-0184	SW	DL	EB APPR	423+80 TO 426+29	249	CURB REMOVAL STA 423+80						5	5	
	NW	PL	EB APPR	423+80 TO 425+89	209	CURB REMOVAL STA 423+80						10	10	
	SE	DL	EB DEPT											
	NE	PL	EB DEPT	428+05 TO 429+81	176	*	1	8	3					
006-0089	SW	DL	EB APPR	472+16 TO 474+88	272			21						
006-0013	SW	DL	EB APPR	475+07 TO 478+33	326			25						
<b>EASTBOUND SUB TOTAL</b>					<b>6,408</b>		<b>357</b>	<b>86</b>	<b>15</b>	<b>0</b>	<b>1,895</b>	<b>53</b>	<b>53</b>	<b>210</b>
<b>GRAND TOTAL</b>					<b>11,468</b>		<b>624</b>	<b>152</b>	<b>30</b>	<b>11</b>	<b>4,114</b>	<b>53</b>	<b>53</b>	<b>360</b>

\* GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.

\*\* PAVED SHOULDER REMOVAL TO REMOVE EXISTING HMA STABILIZATION & FACILITATE INSTALLATION OF NEW GUARDRAIL

\*\*\*\*THE GIVEN LENGTH OF LONG-SPAN GUARDRAIL OVER CULVERT INCUDES 25' OF STEEL PLATE BEAM GUARDRAIL ON CRT POSTS.

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	49
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

**GUARDRAIL SCHEDULE WESTBOUND**

STRUCT NO.	QUAD	SIDE	DIRECTION OF TRAFFIC	LOCATION	LENGTH	NOTES	LENGTH OF NEED	GR REM	R&R RAIL ELEM EX GDRL	GR BLOCKS	SPBGR TY A 6 FT POSTS	SPBGR TY A 9 FT POSTS	LSG OVER CULVERT 18'-9" SPAN	TRAFFIC BARRIER			TERMINAL MARKER DIRECT APPLIED	GR REF TYPE A	LINEAR DELIN PANELS 4"	
														TERM TY 6	TERM TY 2	TERM TY 1 SPL TANGENT			WH	YL
					FOOT		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
006-0002	NE	DL	WB APPR	55+83 TO 58+46	263		250	371			175			1		1	1	4	3	
	SE	PL	WB APPR	55+80 TO 59+05	325		305	470			238			1		1	1	4	4	
	NW	DL	WB DEPT	54+27 TO 54+87	60		30	60			25			1	1		2	2		
	SW	PL	WB DEPT	53+89 TO 54+84	95	*		13	45							1	1	2	2	
006-0115	NW	DL	WB APPR	65+87 TO 68+28	241				241									4	4	
006-0004	NE	DL	WB APPR	80+30 TO 82+93	263		250	370			175			1		1	1	4	3	
	SE	PL	WB APPR	80+35 TO 83+48	313		290	470			225			1		1	1	4	4	
	NW	DL	WB DEPT	78+97 TO 79+57	60				60								2	2		
	SW	PL	WB DEPT	78+65 TO 79+62	97	*		13	47							1	1	2	2	
006-0122	NW	DL	EB APPR	159+48 TO 162+01	253				253									4	3	
006-0006	NE	DL	WB APPR	182+64 TO 185+14	250		230	225			163			1		1	1	4	3	
	SE	PL	WB APPR	182+97 TO 185+97	300		280	472			213			1		1	1	4	4	
	NW	DL	WB DEPT	180+78 TO 181+28	50				50								2	2		
	SW	PL	WB DEPT	180+63 TO 181+61	98	*		13	48							1	1	2	2	
006-0008	NE	DL	WB APPR	203+66 TO 204+54	88			88	226		88							4	4	
	SE	PL	WB APPR	205+59 TO 206+46	87			87	213		38					1	1	4	5	
	NW	DL	WB DEPT	201+08 TO 201+69	61				61								2	2		
	SW	PL	WB DEPT	200+89 TO 201+87	98	*		13	48							1	1	2	2	
006-0121	NW	DL	WB APPR	252+40 TO 255+03	263		250	234			175			1		1	1	4	1	
OBJ ID 3041	S	DL	WB APPR	279+68 TO 279+93	25			25	285		25							4	4	
006-0117	NW	DL	WB APPR	342+41 TO 345+16	275		261	251			187.5			1		1	1	4	3	
006-0010	NE	DL	WB APPR	423+79 TO 424+96	117				117									4	2	
	SE	PL	WB APPR	423+79 TO 425+36	157				157									4	3	
	NW	DL	WB DEPT	421+93 TO 422+51	58				58								2	2		
	SW	PL	WB DEPT	420+96 TO 422+51	155	*		13	105							1	1	2	2	
006-0185	NE	DL	WB APPR	427+10 TO 429+77	267				267									4	4	
	SE	PL	WB APPR	427+50 TO 430+28	278				278									4	4	
006-0089	NE	DL	WB APPR	475+31 TO 478+31	300		284	300			225			2				4	1	
	NW	DL	WB DEPT	474+52 TO 475+12	60				60									4	2	
006-0013	NW	DL	EB APPR	478+58 TO 481+20	262		239	262			175			1		1	1	4	1	
<b>TOTAL</b>					<b>5,219</b>		<b>2,669</b>	<b>3,750</b>	<b>2,619</b>		<b>1,553</b>	<b>575</b>		<b>12</b>	<b>1</b>	<b>15</b>	<b>15</b>	<b>100</b>	<b>82</b>	
<b>GRAND TOTAL</b>					<b>11,627</b>		<b>6,512</b>	<b>8,622</b>	<b>4,510</b>	<b>1</b>	<b>4,193</b>	<b>926</b>	<b>50</b>	<b>26</b>	<b>3</b>	<b>34</b>	<b>34</b>	<b>200</b>	<b>163</b>	

\* GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.

\*\* PAVED SHOULDER REMOVAL TO REMOVE EXISTING HMA STABILIZATION & FACILITATE INSTALLATION OF NEW GUARDRAIL

\*\*\*THE GIVEN LENGTH OF LONG-SPAN GUARDRAIL OVER CULVERT INCLUDES 25' OF STEEL PLATE BEAM GUARDRAIL ON CRT POSTS.

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	50
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	

**GUARDRAIL SCHEDULE WESTBOUND CONTINUED**

STRUCT NO.	QUAD	SIDE	DIRECTION OF TRAFFIC	LOCATION	LENGTH	NOTES	AGG SHLD	AGG SHLD	EARTH	PAVED	HMA	CURB	CONC	FURN
							REM (6")	TYP B	EX	SHLD REM **	STAB 6" AT SPBGR	REM	CURB TY B	EX
					FOOT		CU YD	TON		SQ YD	SQ YD	FOOT	FOOT	CU YD
006-0002	NE	DL	WB APPR	55+83 TO 58+46	263		27				117			20
	SE	PL	WB APPR	55+80 TO 59+05	325		35				144			
	NW	DL	WB DEPT	54+12 TO 54+87	75		4				27			
	SW	PL	WB DEPT	54+30 TO 54+87	57	*	1	8	3					
006-0115	NW	DL	WB APPR	65+87 TO 68+28	241									
006-0004	NE	DL	WB APPR	80+30 TO 82+93	263		19				117			20
	SE	PL	WB APPR	80+35 TO 83+47	312		35				139			
	NW	DL	WB DEPT	78+97 TO 79+57	60									
	SW	PL	WB DEPT	79+03 TO 79+62	59	*	1	8	3					
006-0122	NE	DL	EB APPR	159+48 TO 162+01	253									
006-0006	NE	DL	WB APPR	182+64 TO 185+14	250		17				111			20
	SE	PL	WB APPR	182+97 TO 185+97	300		35				133			
	NW	DL	WB DEPT	180+78 TO 181+28	50									
	SW	PL	WB DEPT	181+01 TO 181+61	60	*	1	8	3					
006-0008	NE	DL	WB APPR	203+66 TO 204+54	88		7	13						
	SE	PL	WB APPR	205+89 TO 207+14	125		6	13						
	NW	DL	WB DEPT	201+08 TO 201+69	61									
	SW	PL	WB DEPT	201+27 TO 201+87	60	*	1	8	3					
006-0121	NW	DL	WB APPR	252+40 TO 255+03	263		17				117			20
OBJ ID 3041	N	DL	WB APPR	279+68 TO 279+93	25					11	11			
006-0117	NE	DL	WB APPR	342+41 TO 345+16	275		19				122			25
006-0010	NE	DL	WB APPR	423+79 TO 424+96	117									
	SE	PL	WB APPR	423+79 TO 425+36	157									
	NW	DL	WB DEPT	421+93 TO 422+51	58									
	SW	PL	WB DEPT	421+34 TO 422+51	117	*	1	8	3					
006-0185	NE	DL	WB APPR	427+10 TO 429+77	267									
	SE	PL	WB APPR	427+50 TO 430+28	278									
006-0089	NE	DL	WB APPR	475+31 TO 478+31	300		22				133			25
	NW	DL	WB DEPT	474+52 TO 475+12	60		0							
006-0013	NE	DL	EB APPR	478+58 TO 480+99	241		19				1048			20
<b>TOTAL</b>					<b>5,060</b>		<b>267</b>	<b>66</b>	<b>15</b>	<b>11</b>	<b>2,219</b>			<b>150</b>
<b>GRAND TOTAL</b>					<b>11,468</b>		<b>624</b>	<b>152</b>	<b>30</b>	<b>11</b>	<b>4,114</b>	<b>53</b>	<b>53</b>	<b>360</b>

\* GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.

\*\* PAVED SHOULDER REMOVAL TO REMOVE EXISTING HMA STABILIZATION & FACILITATE INSTALLATION OF NEW GUARDRAIL

\*\*\*\*THE GIVEN LENGTH OF LONG-SPAN GUARDRAIL OVER CULVERT INCUDES 25' OF STEEL PLATE BEAM GUARDRAIL ON CRT POSTS.

Model: Default  
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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	51
			CONTRACT NO. 66J65	
			ILLINOIS FED. AID PROJECT	

TRAFFIC CONTROL SCHEDULE										
LOCATION (MEDIAN)	REMOVE & REPLACE SAND MODULE	CHANGEABLE MESSAGE SIGN	RELOCATE TEMP CONCRETE BARRIER	REMOVE TEMP CONCRETE BARRIER	TEMPORARY CONCRETE BARRIER	GLARE SCREEN*	REAL-TIME TR CONTROL SENSOR UNIT	SMART TRAF MONIT SYSTEM	SMART TRAF MONIT DEVICE	TEMPORARY RUMBLE STRIPS
	EACH	CAL WK	FOOT	FOOT	FOOT	FOOT	WEEK	CAL WK	CAL WK	EACH
006-0115	3									
006-0122	3									
006-0121	4									
006-0117	2									
006-0089	1									
006-0013	4									
PRESTAGE		72	13748	13748	13748	13748	72	18	180	8
STAGE 1 (EB)		144		44243	44243	44243	144	36	360	4
STAGE 2 (WB)		144		44309	44309	44309	144	36	360	4
TOTAL	17	360	13,748	102,300	102,300	102,300	360	90	900	16

PERMANENT SURVEY MARKER SCHEDULE						
MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
BUREAU08001	E QTR CORNER SECTION 11, T16N, R6E, 4TH PM * RESET USING COORDINATE ON EXISTING MONUMENT RECORD	5 MILES E OF COUNTY LINE, OFF NORTH EDGE OF WEST BOUND LANE	MISSING	30" #6 REBAR *	NO	2
BUREAU08002	E QTR CORNER SECTION 9, T16N, R7E, 4TH PM * RESET USING TIES ON EXISTING MONUMENT RECORD WHILE LANE IS CLOSED FOR RESURFACING	E SIDE OF RTE. 40 OVERPASS IN WEST BOUND LANE	MISSING	MAG NAIL *	NO	2

COORDINATES OF THE LISTED MONUMENTS ARE KNOWN. PRE CONSTRUCTION TIES BY R.E. ARE NOT REQUIRED.  
UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, R.E. MUST TIE AND REQUEST PLATS AND PLANS LAND SURVEYOR TO GPS ANY MONUMENT(S)  
SUBJECT TO DAMAGE OR DESTRUCTION FROM THE RESURFACING WORK, AND INFORM THEM TO RESET THE MONUMENT(S) WHEN RESURFACING IS COMPLETE.  
R.E. WILL INFORM PLATS AND PLANS LAND SURVEYOR TO SEARCH FOR ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION.

R.E. WILL INFORM PLATS AND PLANS LAND SURVEYOR OF WEST BOUND LANE CLOSURE FOR SURFACE COURSE AT ILL ROUTE 40, FOR THE PURPOSE OF INSTALLING THE SECTION CORNER NAIL.

NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED FOR SETTING THE LISTED MONUMENTS.  
NO MONUMENT RECORDS WILL BE REQUIRED

RESPONSIBILITY:  
1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)  
2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

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USER NAME = Cody.M.Johnson	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 3/27/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.80	(06-1,06-2)RS-4, BRR	BUREAU	208	52
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	

DELINEATOR SCHEDULE				
LOCATION	PLACEMENT	DELINEATORS		
		REMOVAL	INSTALL	
			SINGLE	DOUBLE
EACH	EACH	EACH	EACH	
STRUCTURES	EACH APPROACH	44	48	
CULVERTS	OUTLETS AND MEDIAN	92	102	
MAINLINE EB	EVERY 400'	112	124	
MAINLINE WB	EVERY 400'	112	124	
RAMP A	*	36	27	12
RAMP B	*	27	22	7
RAMP C	*	32	25	10
RAMP D	*	27	22	7
<b>TOTAL</b>		<b>482</b>	<b>494</b>	<b>36</b>

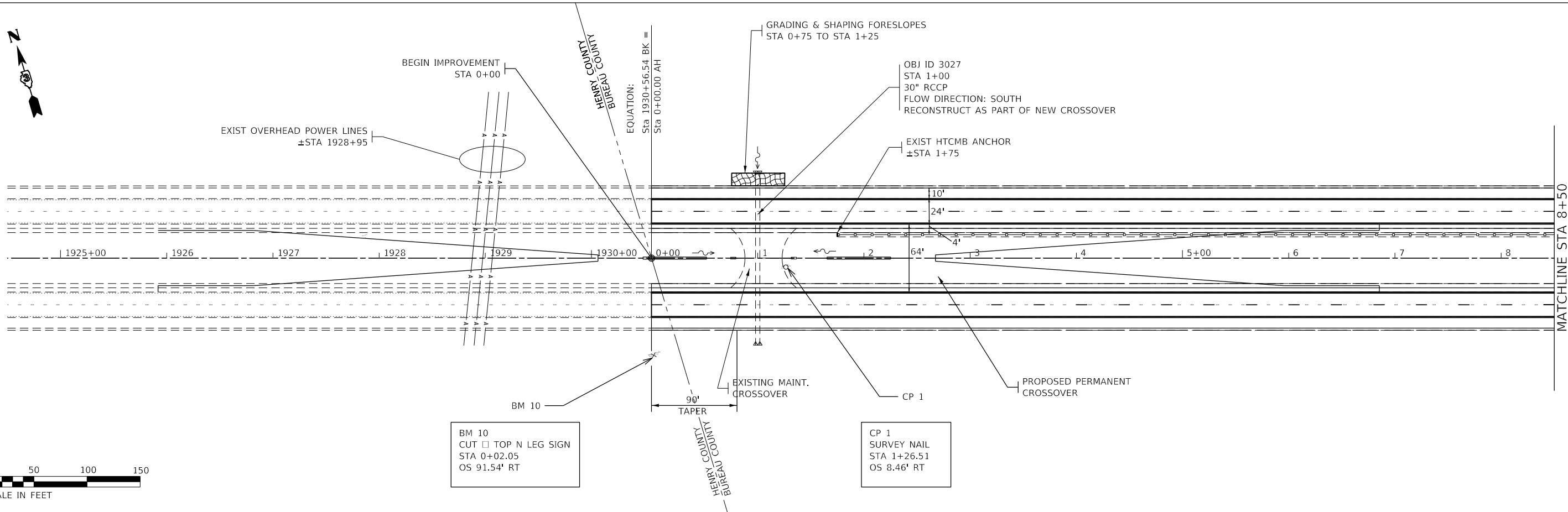
\*SEE STANDARD 635001-02 FOR SPACINGS OF DELINEATORS ALONG HORIZONTAL CURVES AND RAMPS  
 \*\*ADDITIONAL QUANTITY ADDED FOR THE PURPOSE OF HAVING GUARDRAIL DELINEATORS WHICH MUST BE IN PLACE FOR TRAFFIC APPROACHING FROM BOTH DIRECTIONS DUE TO LANE SHIFTS DURING STAGING

TEMPORARY EMERGENCY TURNOUTS SCHEDULE															
LOCATION							WIDTH	SLOPE OF TRIANGLE	LENGTH OF EACH TRIANGLE	SLOPE OF SURFACE	VERTICAL HEIGHT	LENGTH OF RECTANGLE	VOLUME	AGGREGATE SURF CSE TYPE B	AGGREGATE SHOULDER REMOVAL
STATION		CENTER		FOOT	RATIO	FOOT	RATIO	FOOT	FOOT	CU YD	TON	CU YD			
Stage 1															
STA	085+00	TO	STA	089+00	STA	087+00	8	1/20	160	1/4	2	80	71.1	291.6	142.2
STA	192+00	TO	STA	196+00	STA	194+00	8	1/20	160	1/4	2	80	71.1	291.6	142.2
STA	290+00	TO	STA	294+00	STA	292+00	8	1/20	160	1/4	2	80	71.1	291.6	142.2
STA	406+00	TO	STA	410+00	STA	408+00	8	1/20	160	1/4	2	80	71.1	145.8	71.1
Stage 2															
STA	045+00	TO	STA	049+00	STA	047+00	8	1/20	160	1/4	2	80	71.1	291.6	142.2
STA	173+00	TO	STA	177+00	STA	175+00	8	1/20	160	1/4	2	80	71.1	291.6	142.2
STA	299+00	TO	STA	303+00	STA	301+00	8	1/20	160	1/4	2	80	71.1	291.6	142.2
STA	406+00	TO	STA	410+00	STA	408+00	8	1/20	160	1/4	2	80	71.1	145.8	71.1
TOTAL													2041.2	995.4	

\*Use wide median crossover at STA 408+00 as temporary emergency crossover

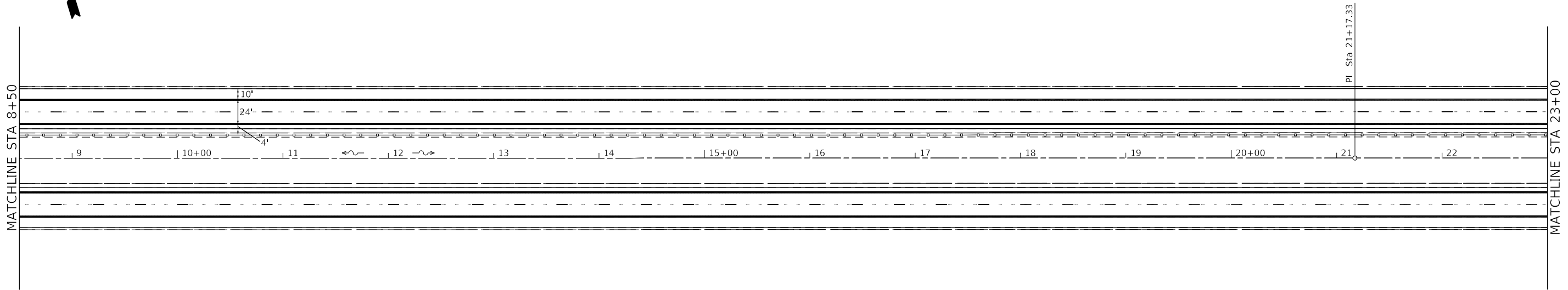
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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES</b>				F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 2/2/2023	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66J65				
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



BM 10  
CUT □ TOP N LEG SIGN  
STA 0+02.05  
OS 91.54' RT

CP 1  
SURVEY NAIL  
STA 1+26.51  
OS 8.46' RT



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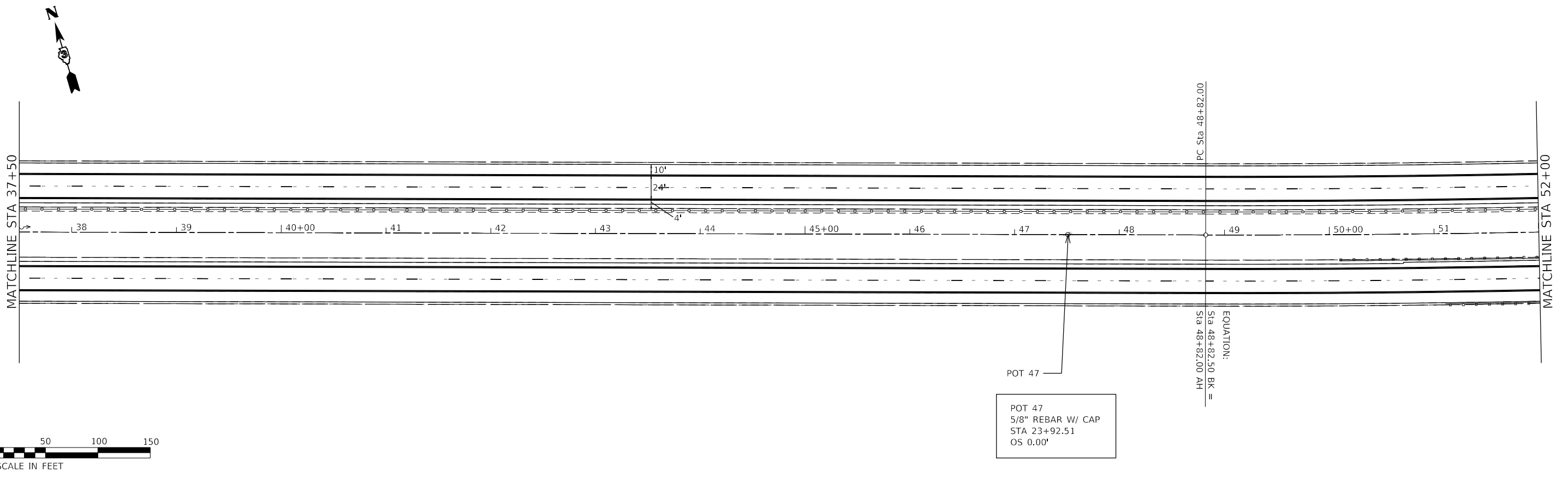
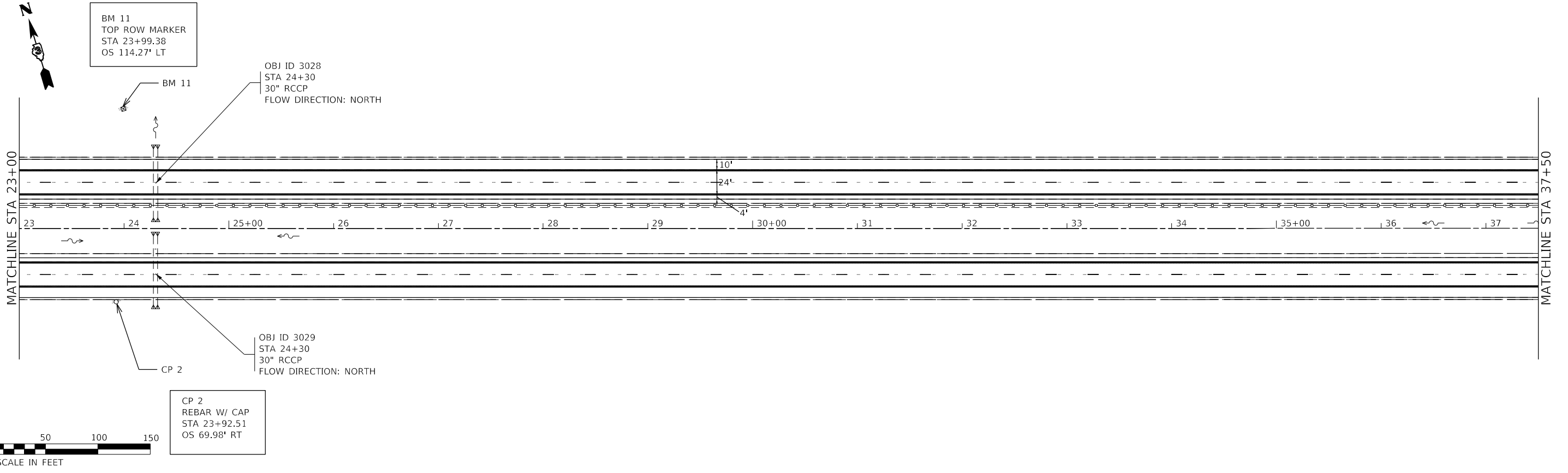
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DRAWN -	REVISOR -	
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PLOT DATE = 2/2/2023	DATE -	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	54
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



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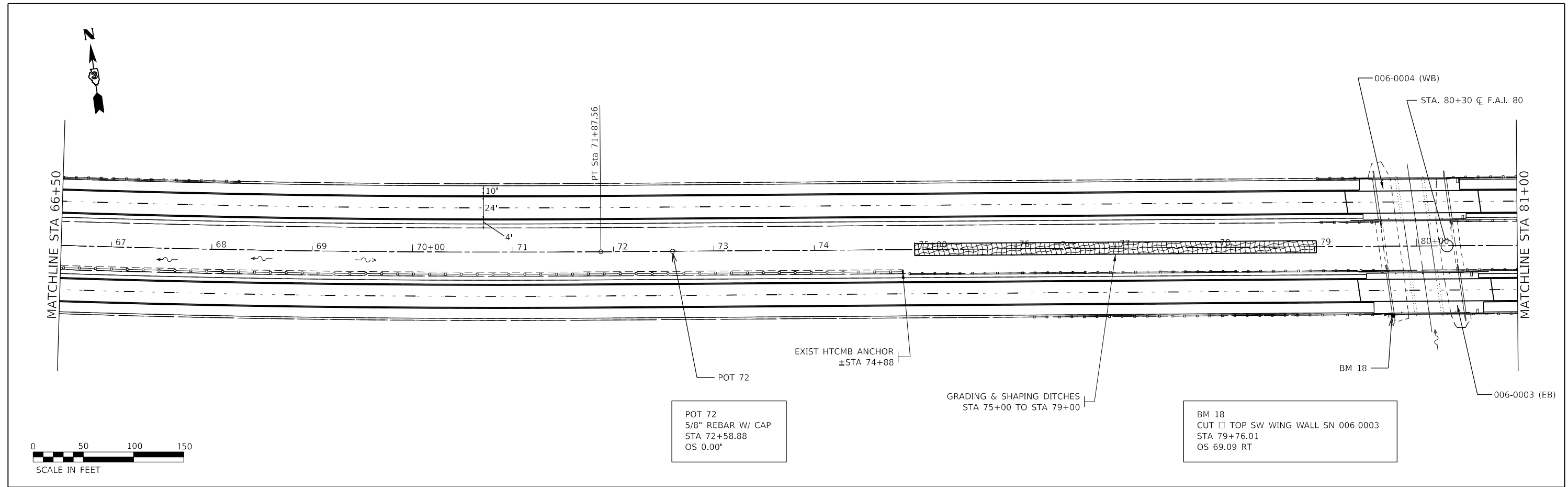
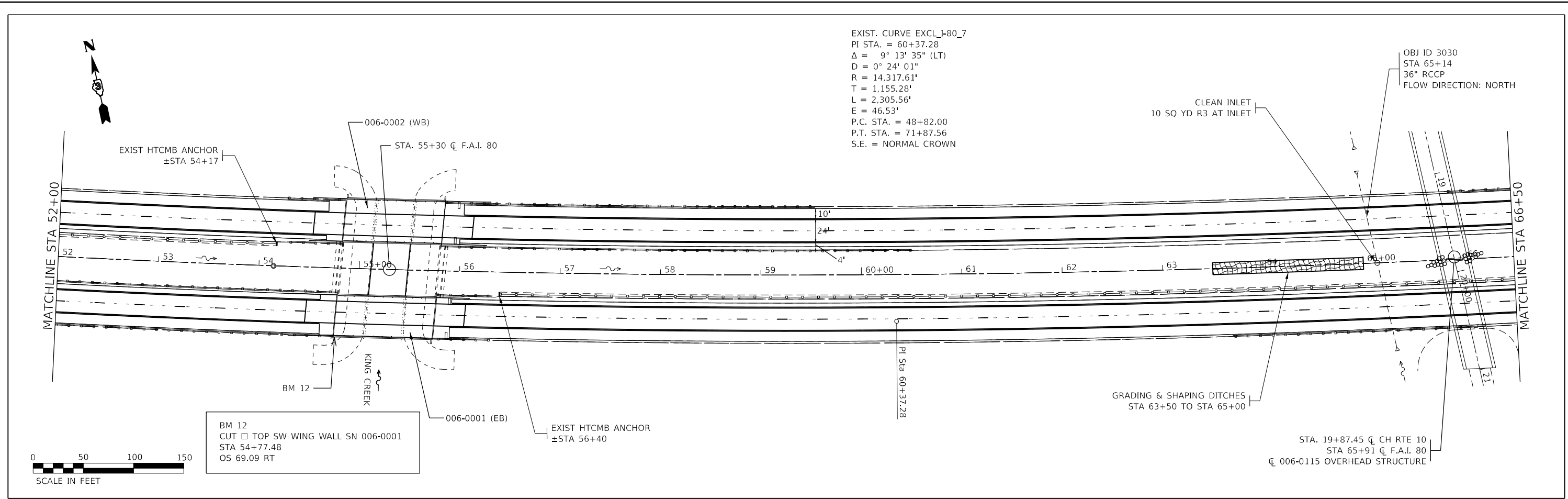
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DRAWN -	REVISIONS -	
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PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	55
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	

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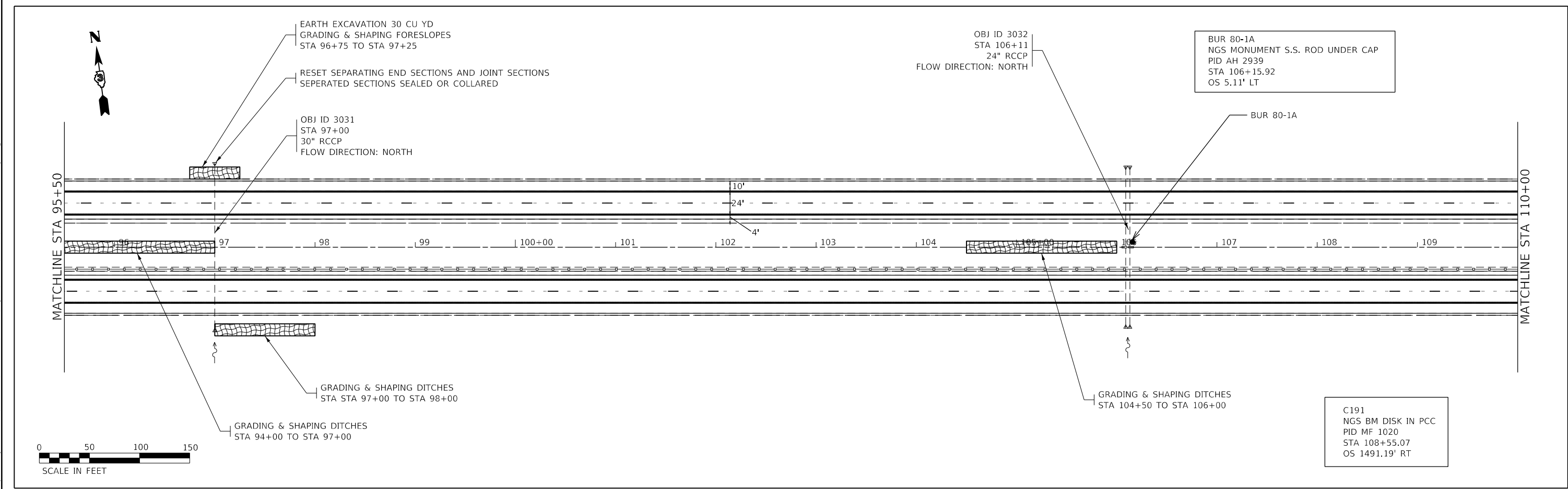
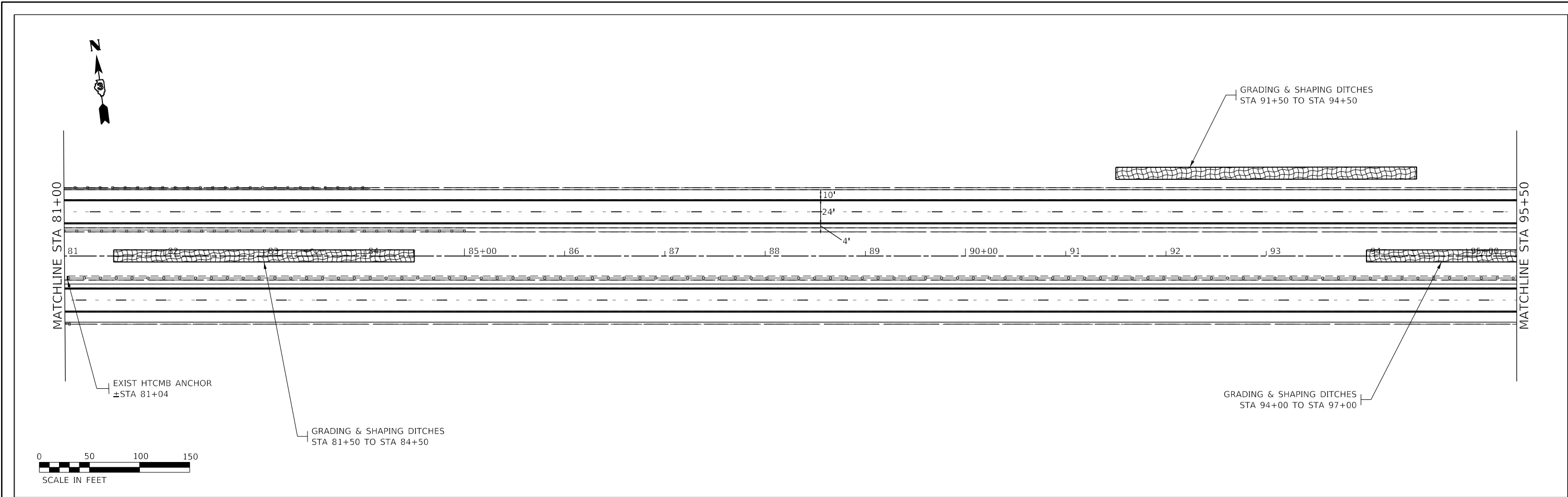
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DRAWN -	REVISOR -	REVISOR -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 2/2/2023	DATE -	REVISOR -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	56
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	





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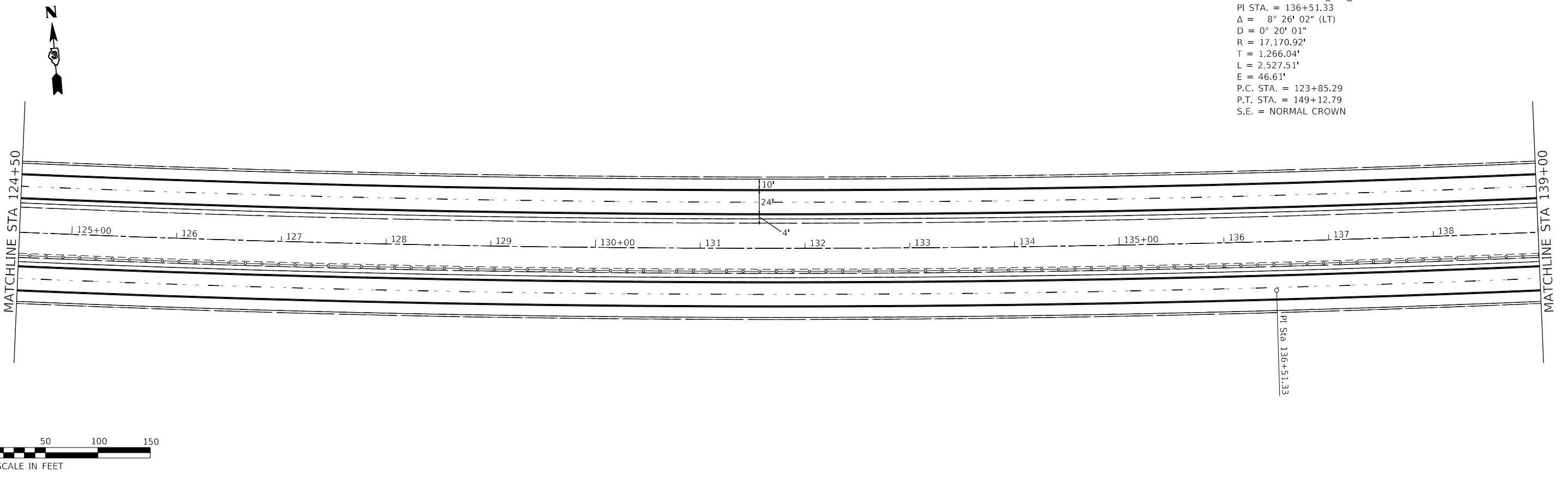
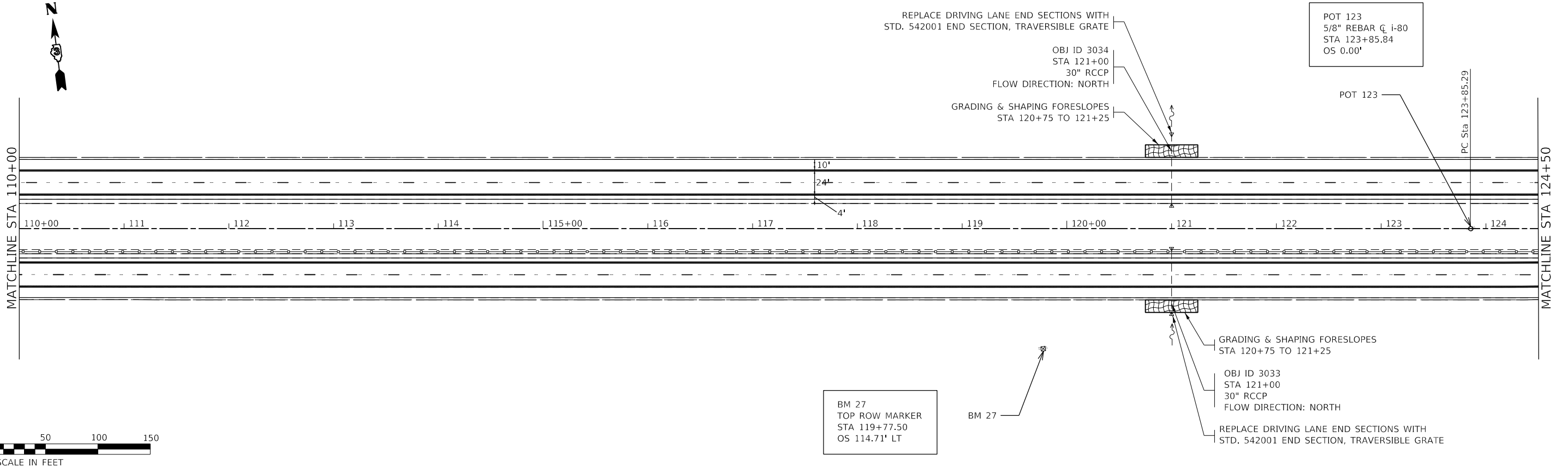
USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	57
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	



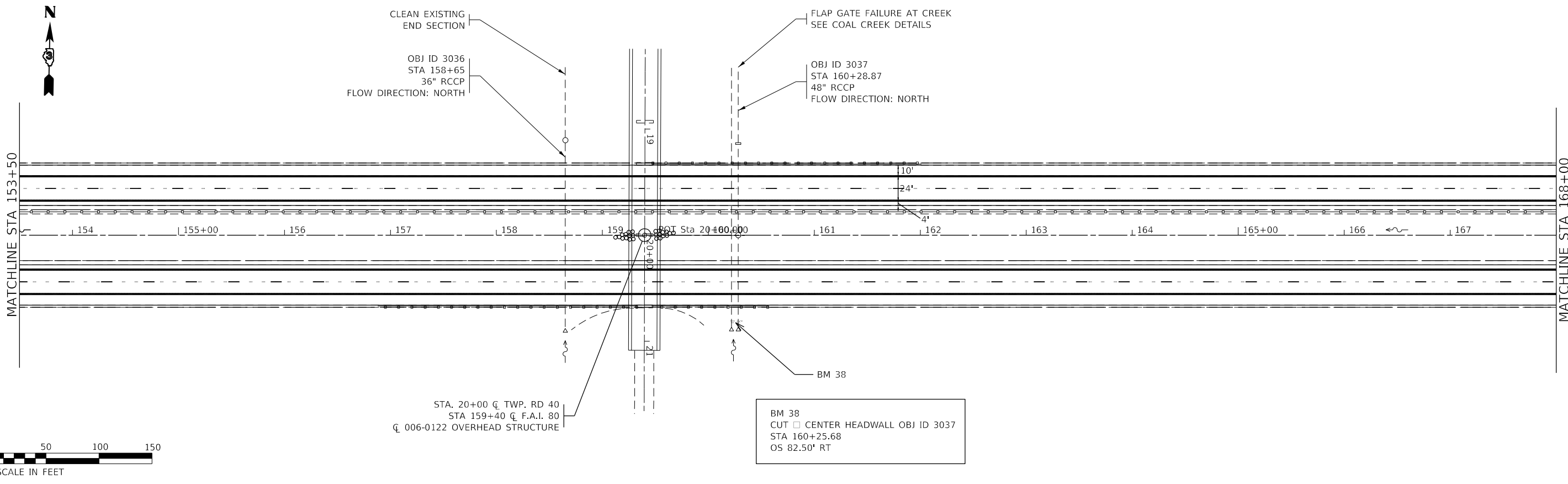
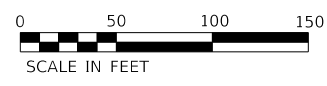
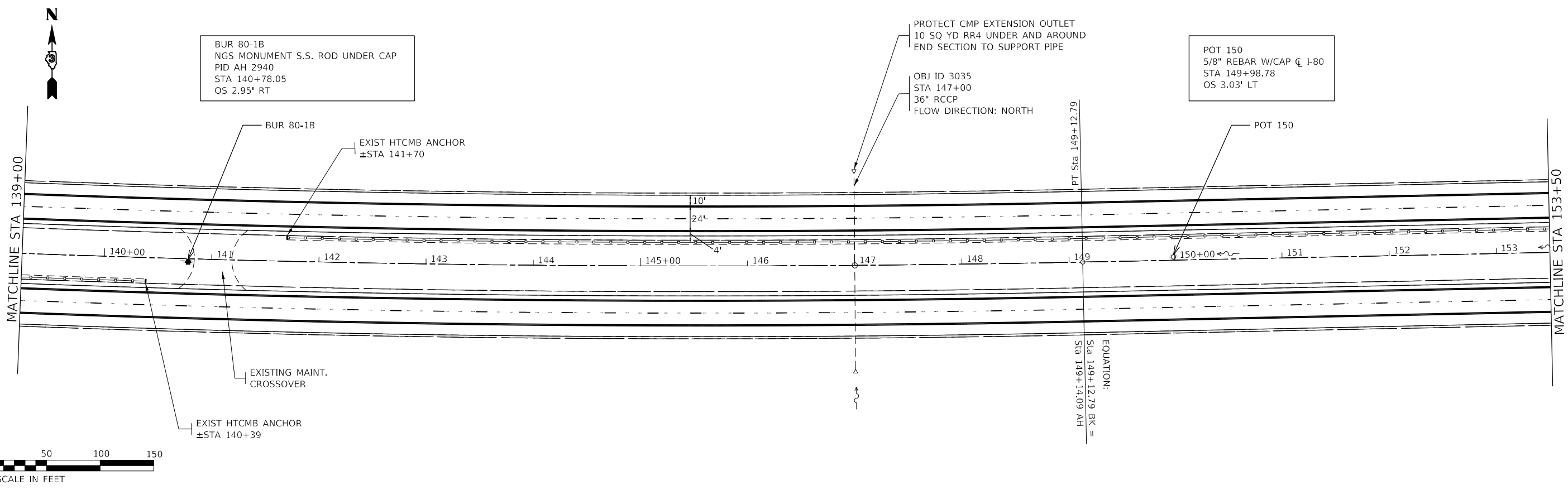
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DRAWN -	REVISOR -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	58
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



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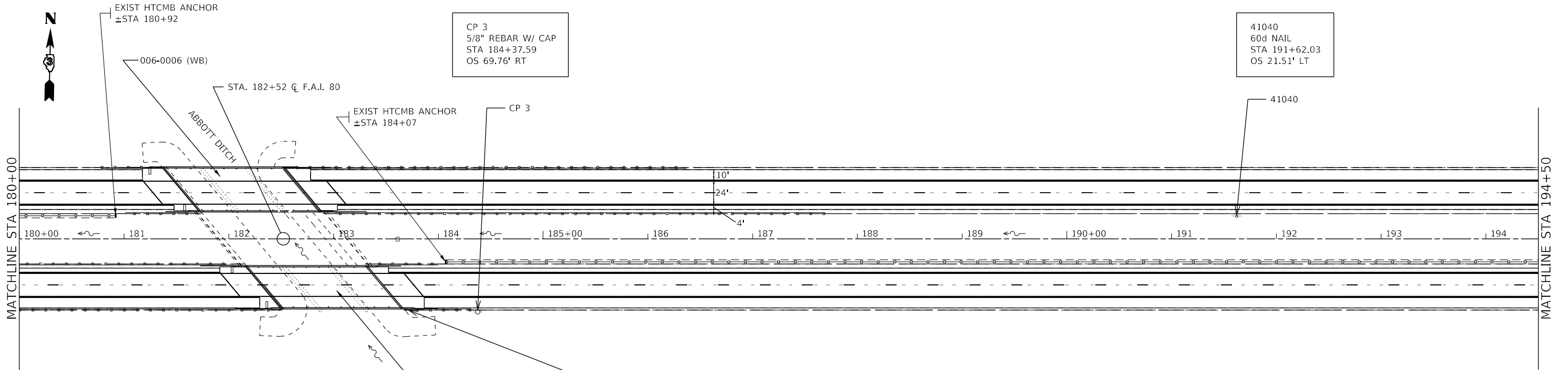
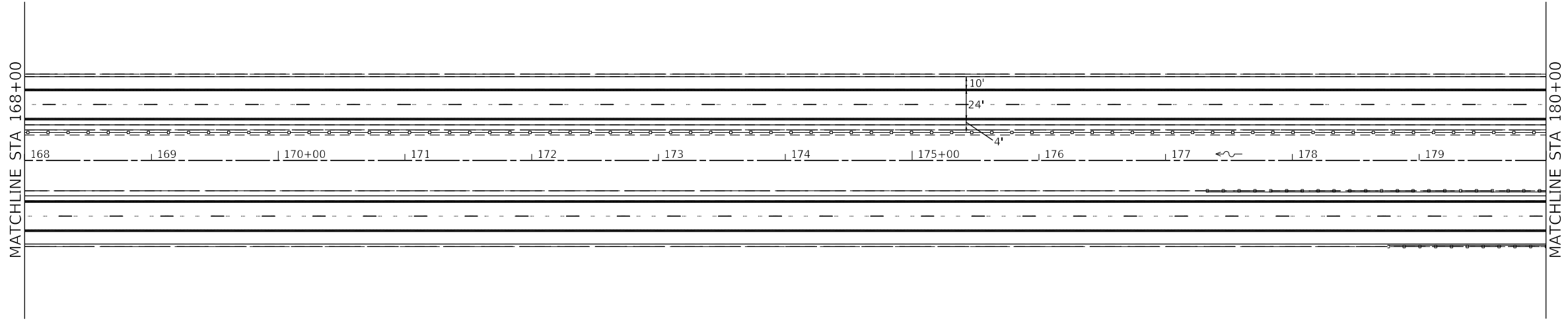
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	59
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

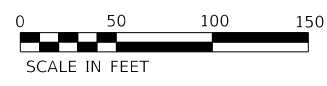
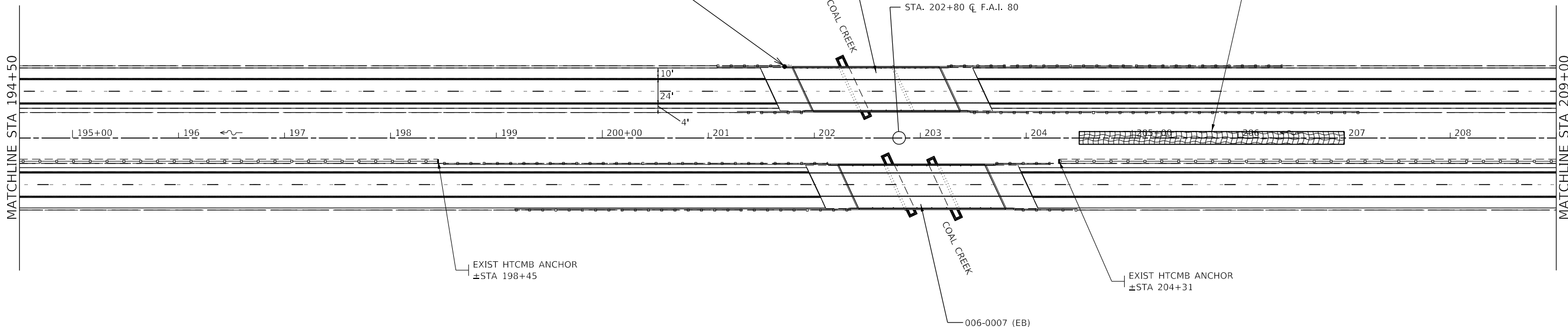
<b>PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

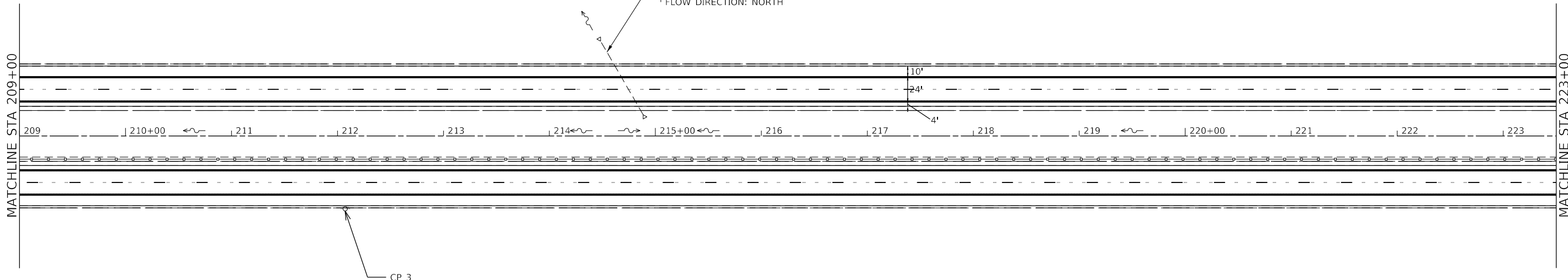


BM 8  
CUT TOP ABUT SN 006-0008  
STA 201+71.93  
OS 67.35' LT

G191  
NGS MONUMENT BM DISK  
PID MF1012  
BRASS DISK TOP NE ABUT  
STA 201+92.58  
OS 222.23' LT



OBJ ID 3039  
STA 215+00  
24" RCCP  
FLOW DIRECTION: NORTH



CP 3  
REBAR W/ CAP  
STA 212+07.33  
OS 68.89' RT



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

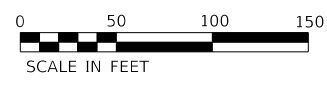
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	61
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	



MATCHLINE STA 223+00

224 225+00 226 227 228 229 230+00 231 232 233 234 235+00 236 237

MATCHLINE STA 237+50



MATCHLINE STA 237+50

238 239 240+00 241 242 243 244 245+00 246 247 248 249

MATCHLINE STA 249+50

PC Sta 244+62.10  
Sta 244+60.87 BK =  
Sta 244+62.10 AH

EQUATION:

POT 243

POT 243  
5/8" REBAR W/ CAP  $\zeta$  I-80  
STA 243+0.98  
OS 0.22' RT



MODEL: Default  
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

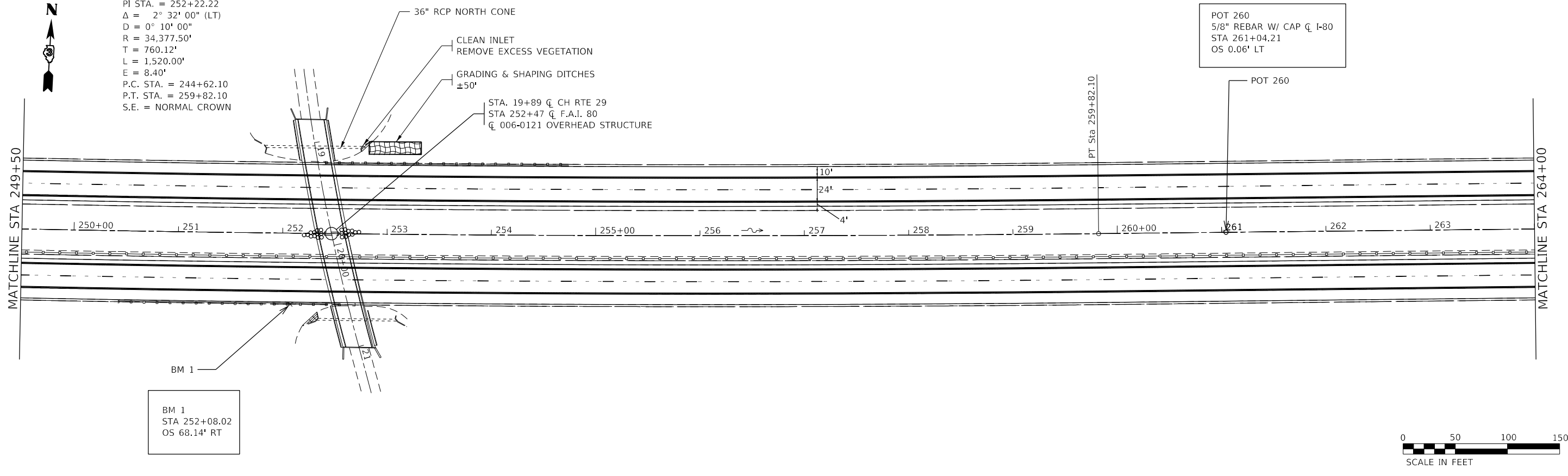
**PLAN SHEETS**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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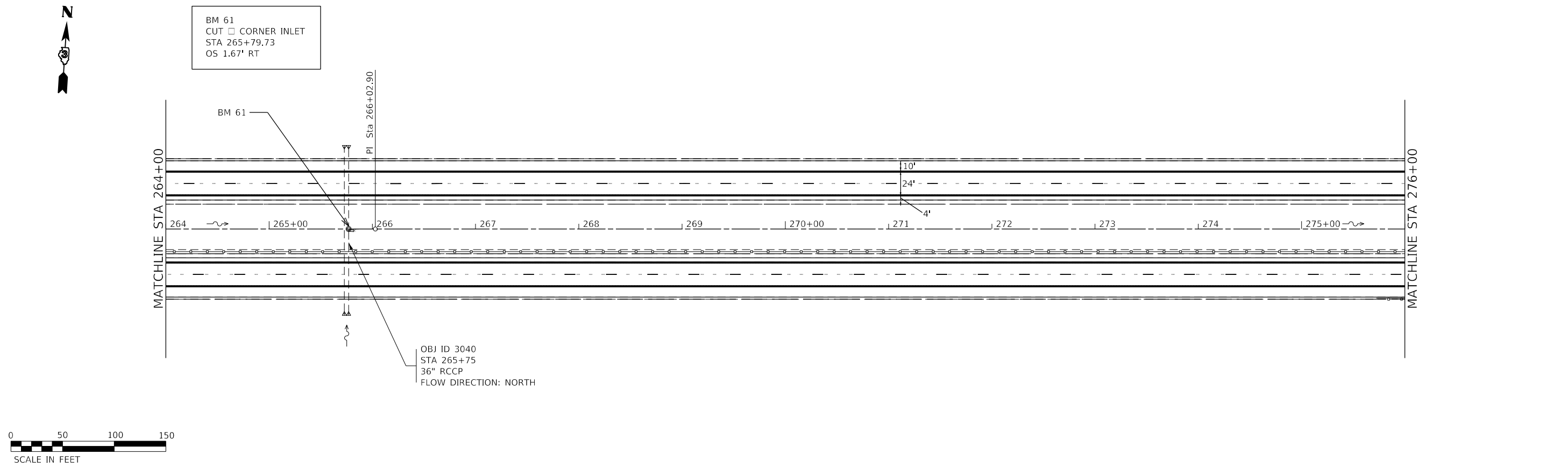
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80	(06-1,06-2)RS-4, BRR	BUREAU	208	62
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE EXCL J-80\_13  
 PI STA. = 252+22.22  
 $\Delta = 2^\circ 32' 00''$  (LT)  
 $D = 0^\circ 10' 00''$   
 $R = 34,377.50'$   
 $T = 760.12'$   
 $L = 1,520.00'$   
 $E = 8.40'$   
 P.C. STA. = 244+62.10  
 P.T. STA. = 259+82.10  
 S.E. = NORMAL CROWN

POT 260  
 5/8" REBAR W/ CAP  $\phi$  I-80  
 STA 261+04.21  
 OS 0.06' LT



BM 61  
 CUT  $\square$  CORNER INLET  
 STA 265+79.73  
 OS 1.67' RT



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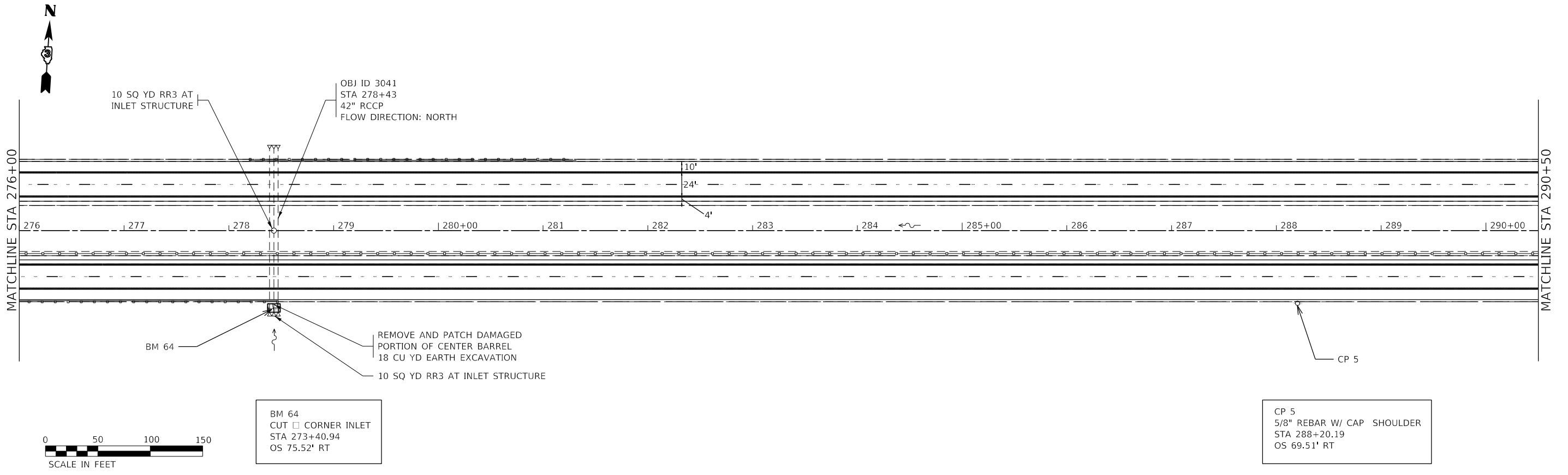
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PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

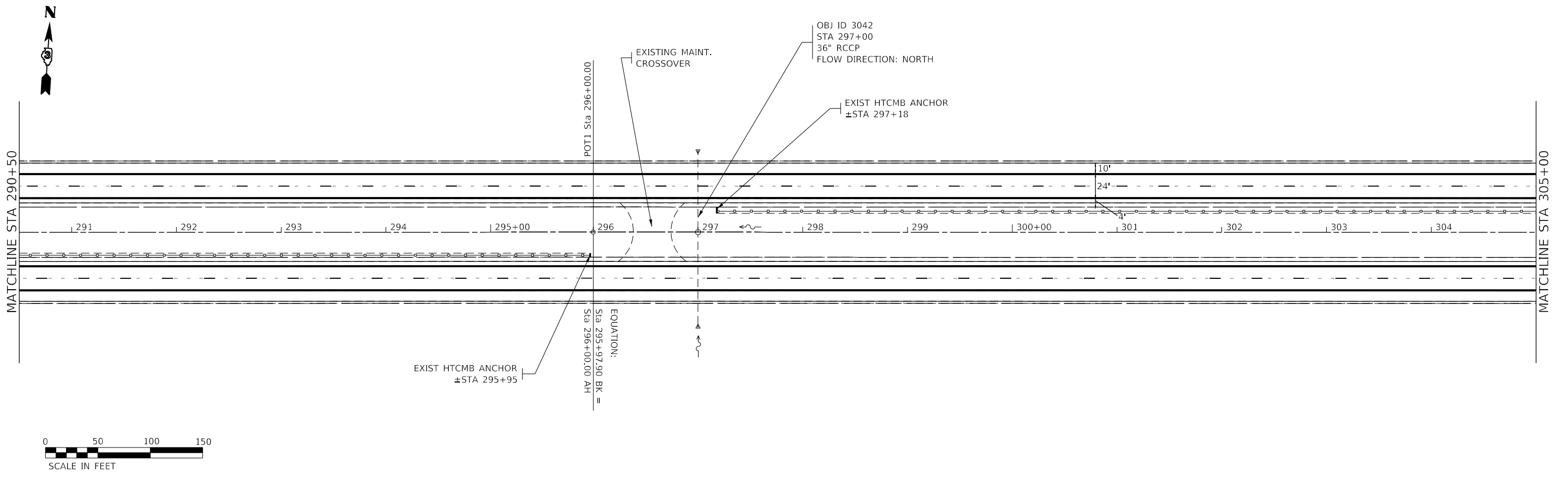
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	63
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



BM 64  
 CUT □ CORNER INLET  
 STA 273+40.94  
 OS 75.52' RT

CP 5  
 5/8" REBAR W/ CAP SHOULDER  
 STA 288+20.19  
 OS 69.51' RT



EXIST HTCMB ANCHOR  
 ±STA 295+95

EQUATION:  
 Sta 295+97.90 BK =  
 Sta 296+00.00 AH =  
 POT1 Sta 296+00.00

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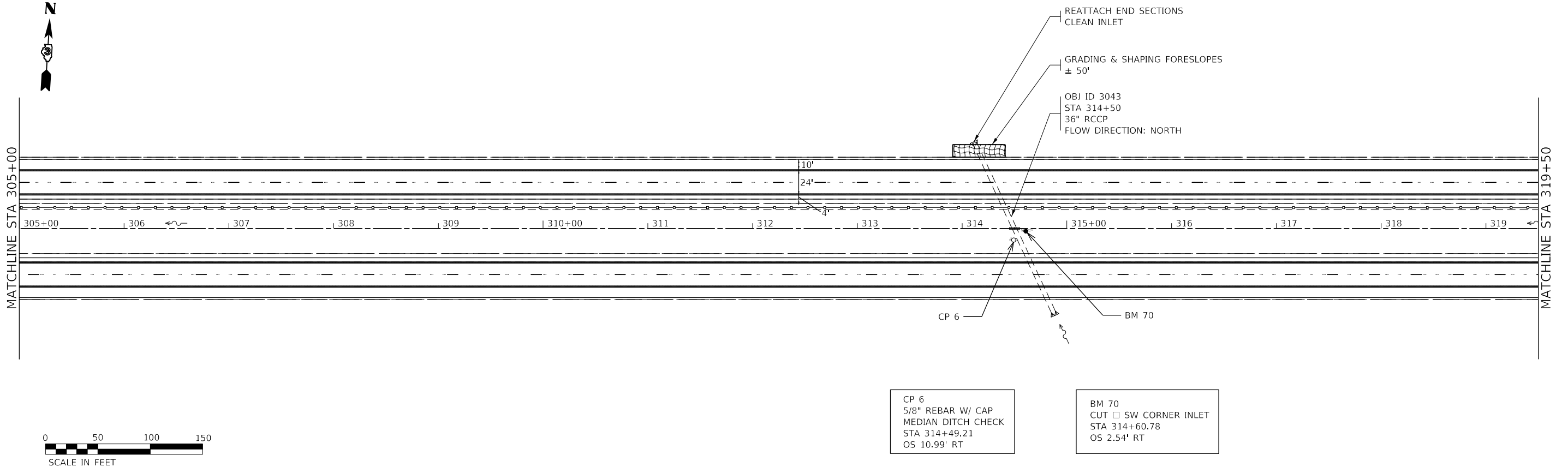
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DRAWN -	REVISOR -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

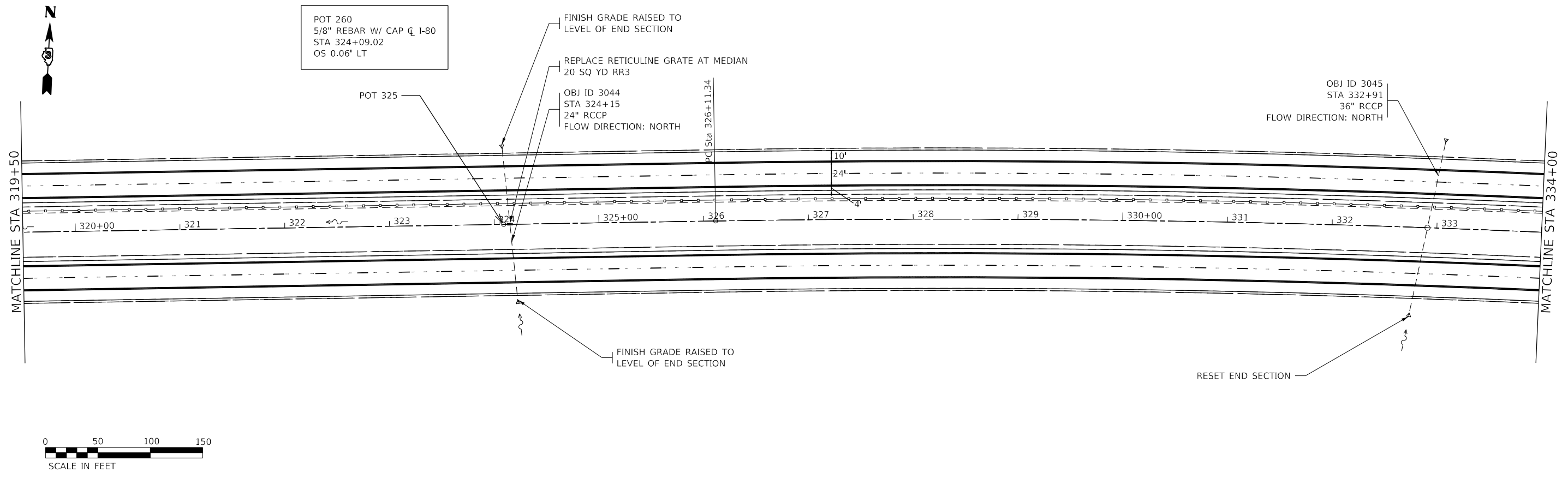
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	64
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	





CP 6  
5/8" REBAR W/ CAP  
MEDIAN DITCH CHECK  
STA 314+49.21  
OS 10.99' RT

BM 70  
CUT □ SW CORNER INLET  
STA 314+60.78  
OS 2.54' RT



POT 260  
5/8" REBAR W/ CAP  $\phi$  I-80  
STA 324+09.02  
OS 0.06' LT

FINISH GRADE RAISED TO  
LEVEL OF END SECTION

REPLACE RETICULINE GRATE AT MEDIAN  
20 SQ YD RR3

OBJ ID 3044  
STA 324+15  
24" RCCP  
FLOW DIRECTION: NORTH

OBJ ID 3045  
STA 332+91  
36" RCCP  
FLOW DIRECTION: NORTH

FINISH GRADE RAISED TO  
LEVEL OF END SECTION

RESET END SECTION

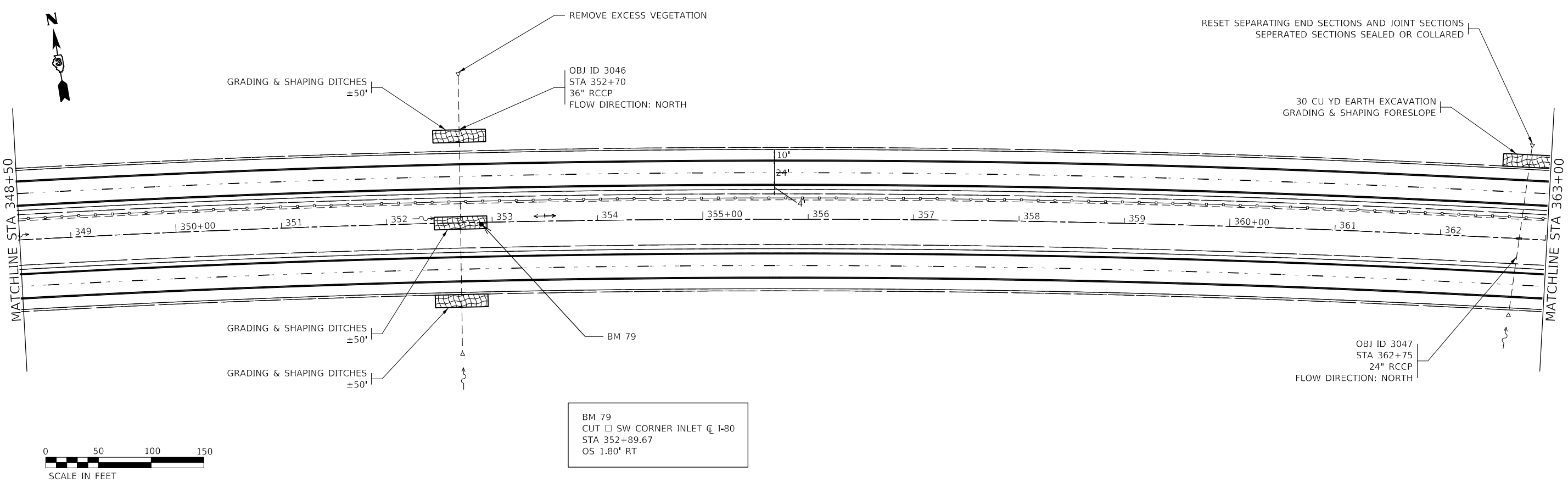
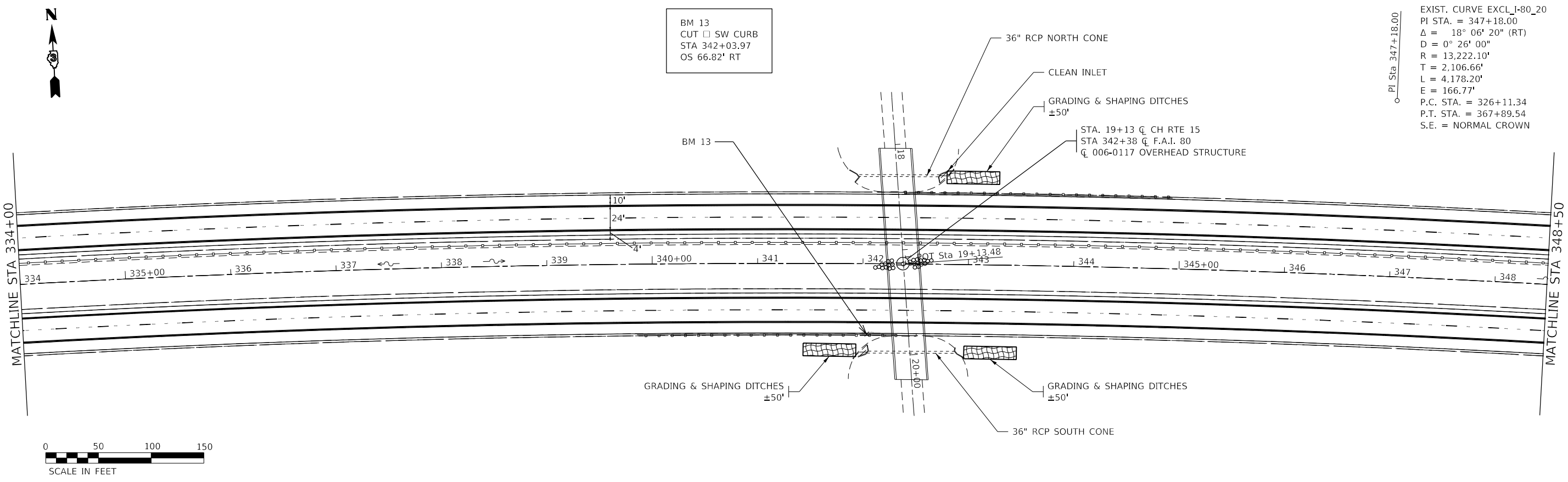
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	65
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	



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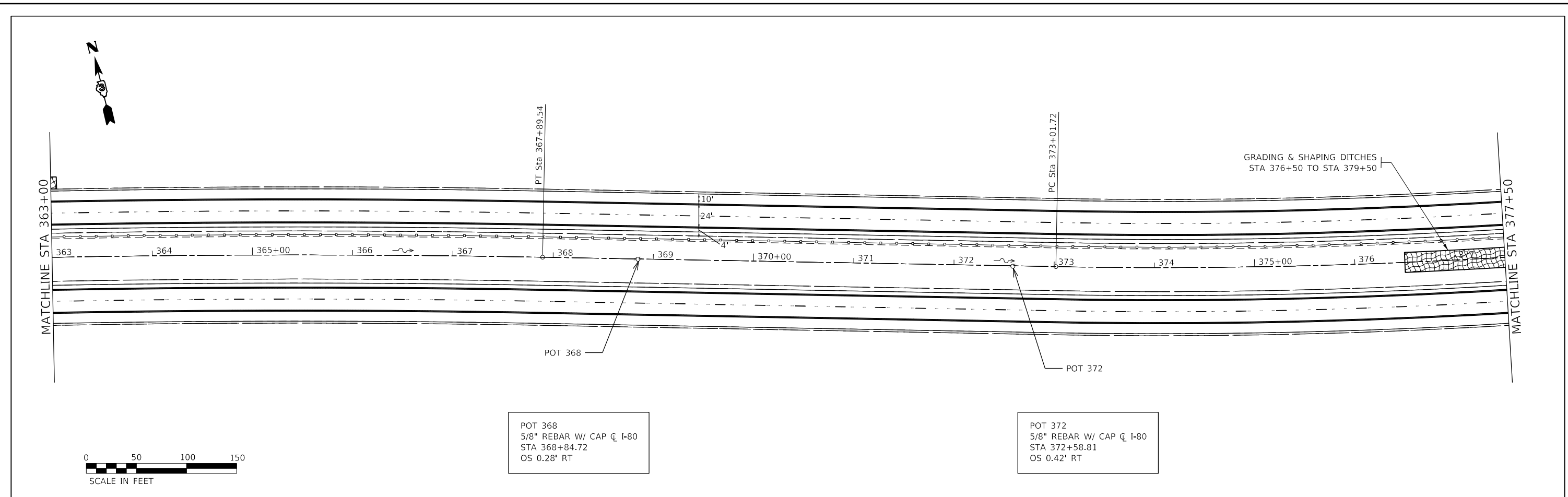
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	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

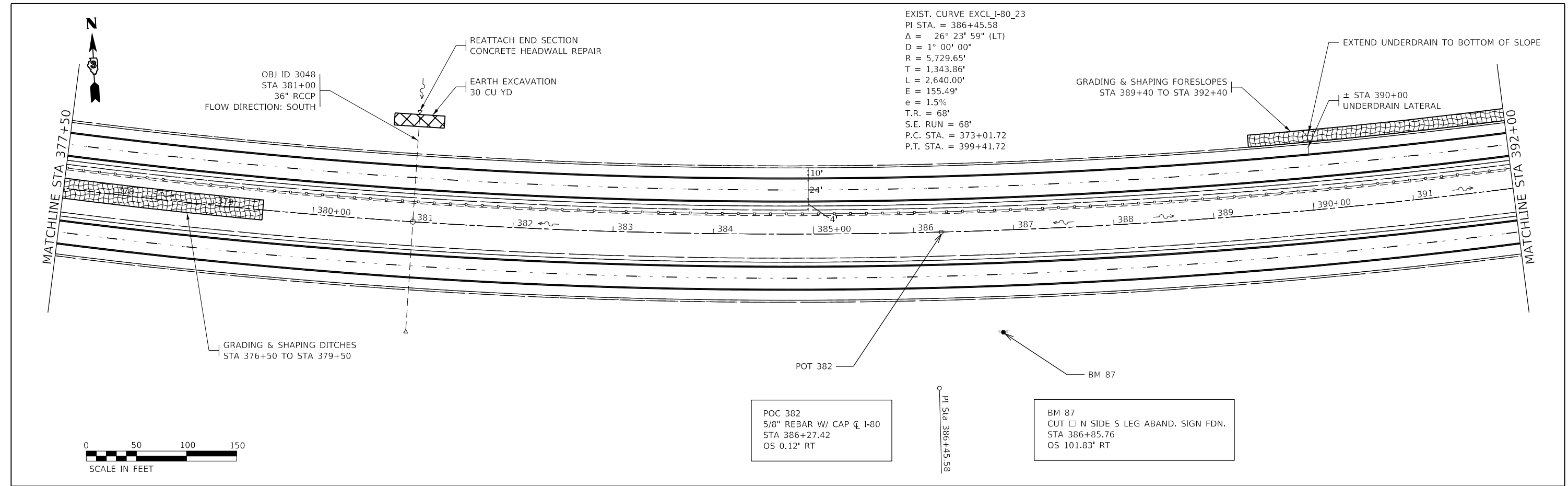
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	66
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



POT 368  
5/8" REBAR W/ CAP  $\phi$  I-80  
STA 368+84.72  
OS 0.28' RT

POT 372  
5/8" REBAR W/ CAP  $\phi$  I-80  
STA 372+58.81  
OS 0.42' RT



POC 382  
5/8" REBAR W/ CAP  $\phi$  I-80  
STA 386+27.42  
OS 0.12' RT

BM 87  
CUT  $\square$  N SIDE S LEG ABAND. SIGN FDN.  
STA 386+85.76  
OS 101.83' RT

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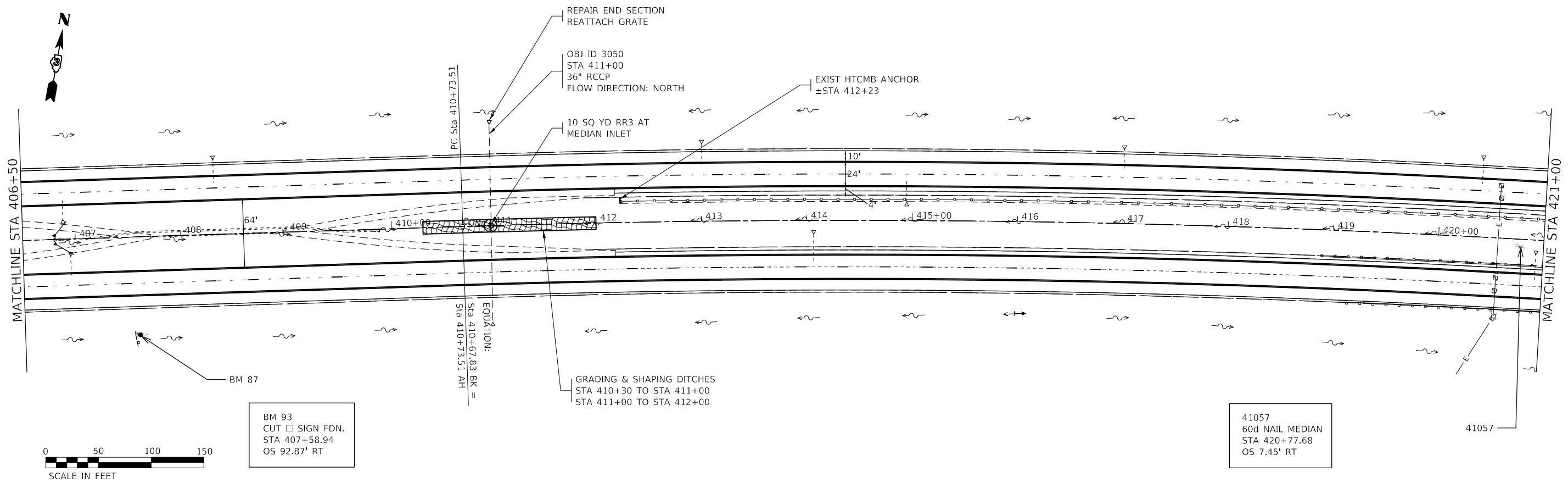
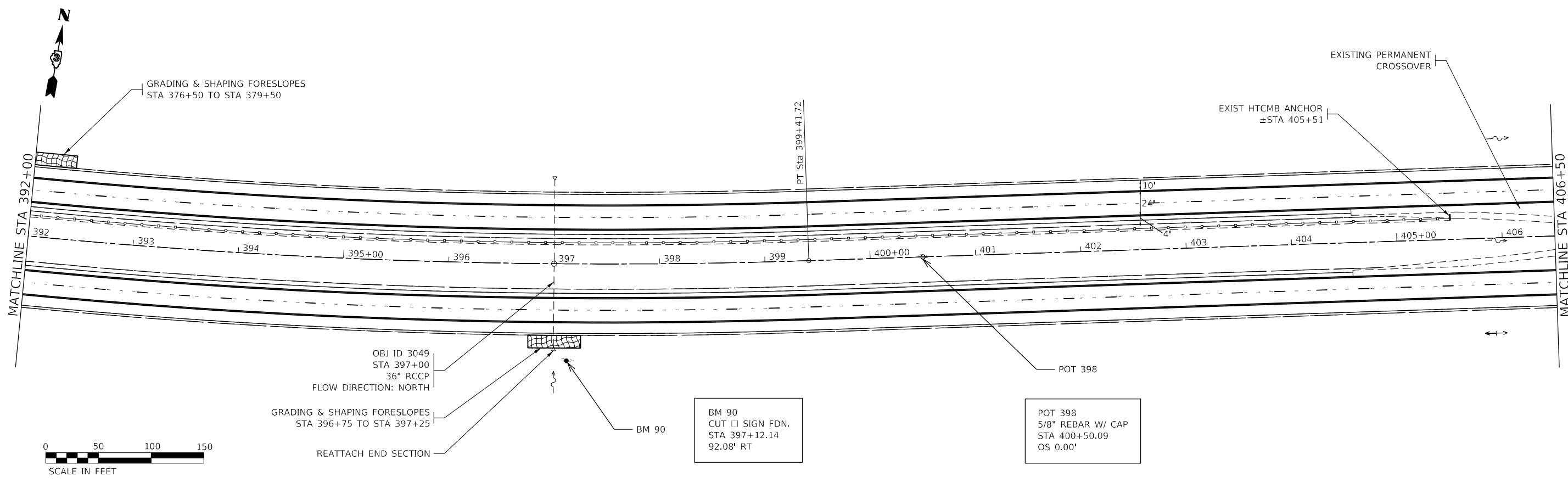
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	67
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



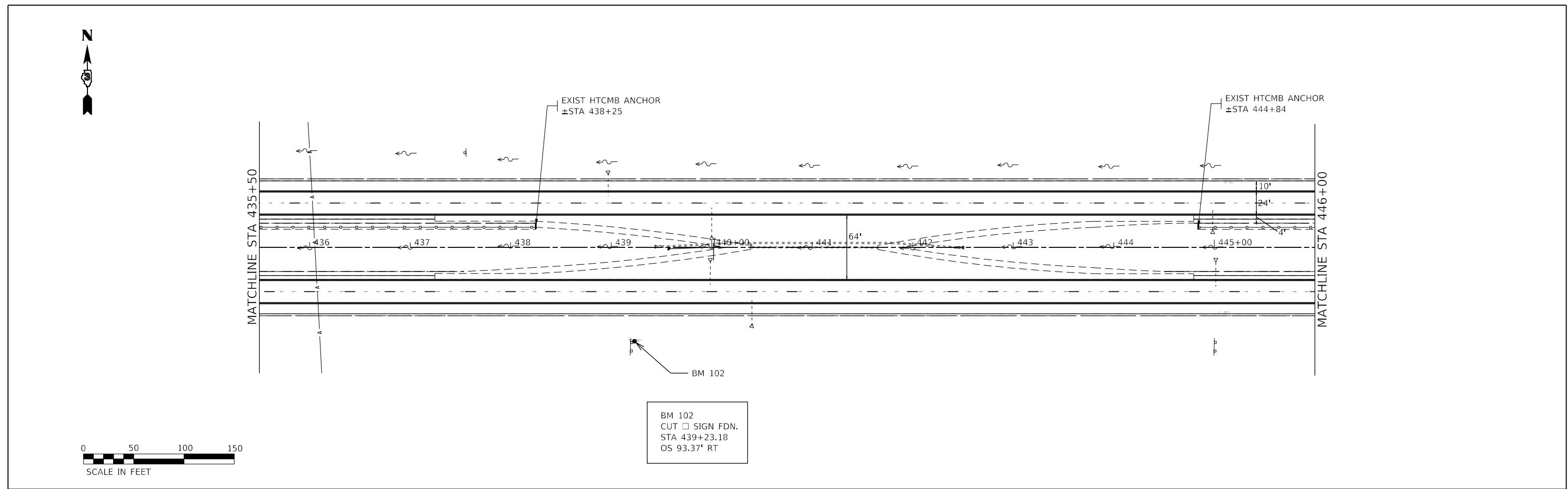
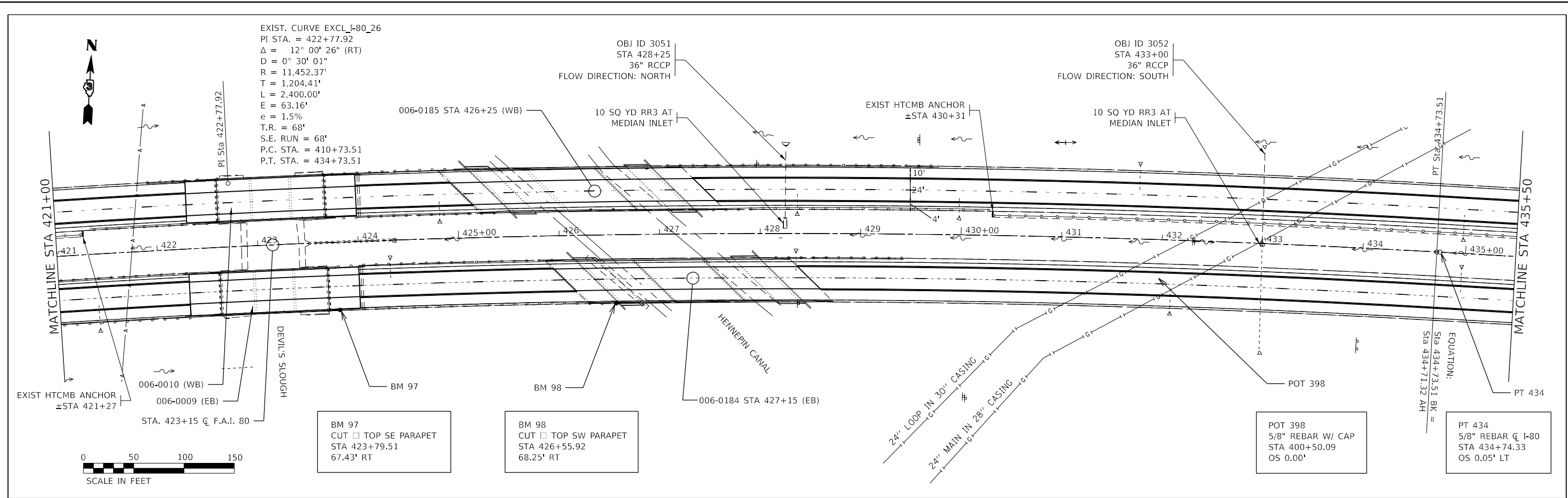
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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	68
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



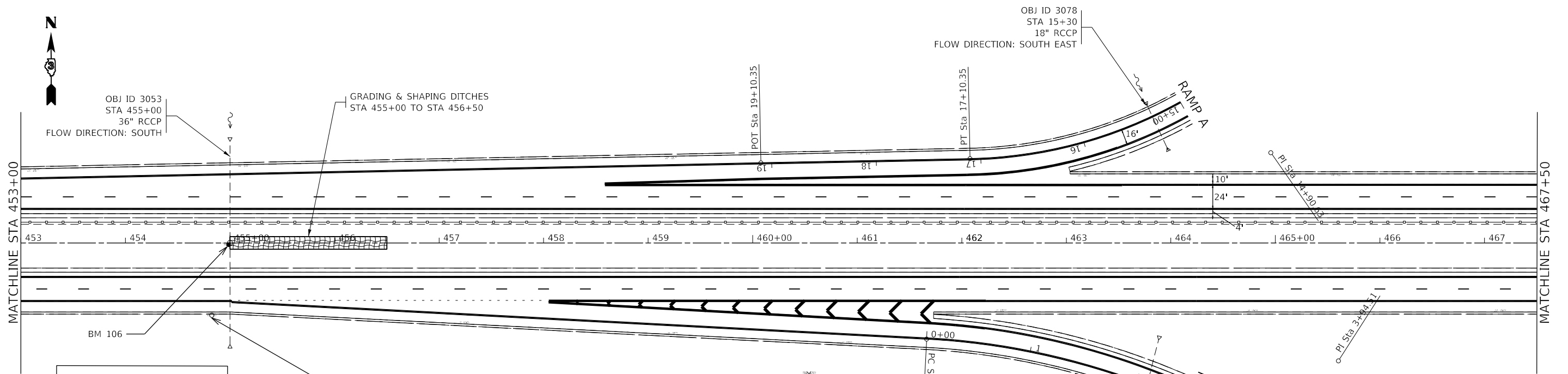
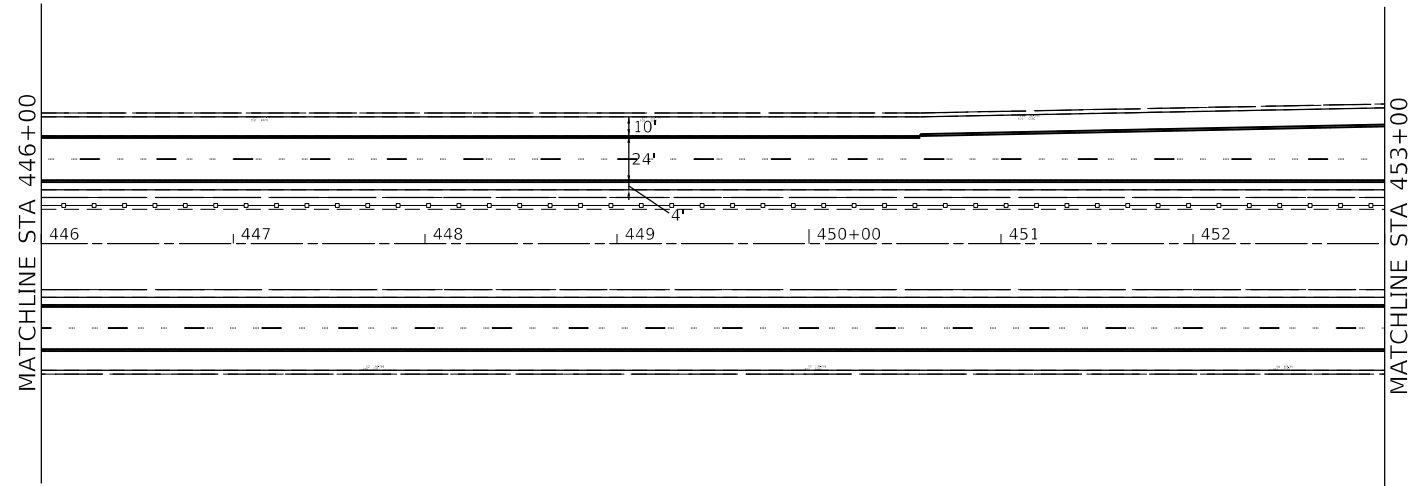
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USER NAME = Joshua Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEETS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	69
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



BM 106  
CUT □ SW CORNER INLET  $\phi$  1-80  
STA 454+98.61  
1.65' RT

CP 7  
5/8" REBAR W/ CAP SHLDR  
STA 454+82.64  
OS 69.12' RT

BM 108  
CUT X BOLT LIGHT POLE  
STA 460+53.78  
125.02' RT

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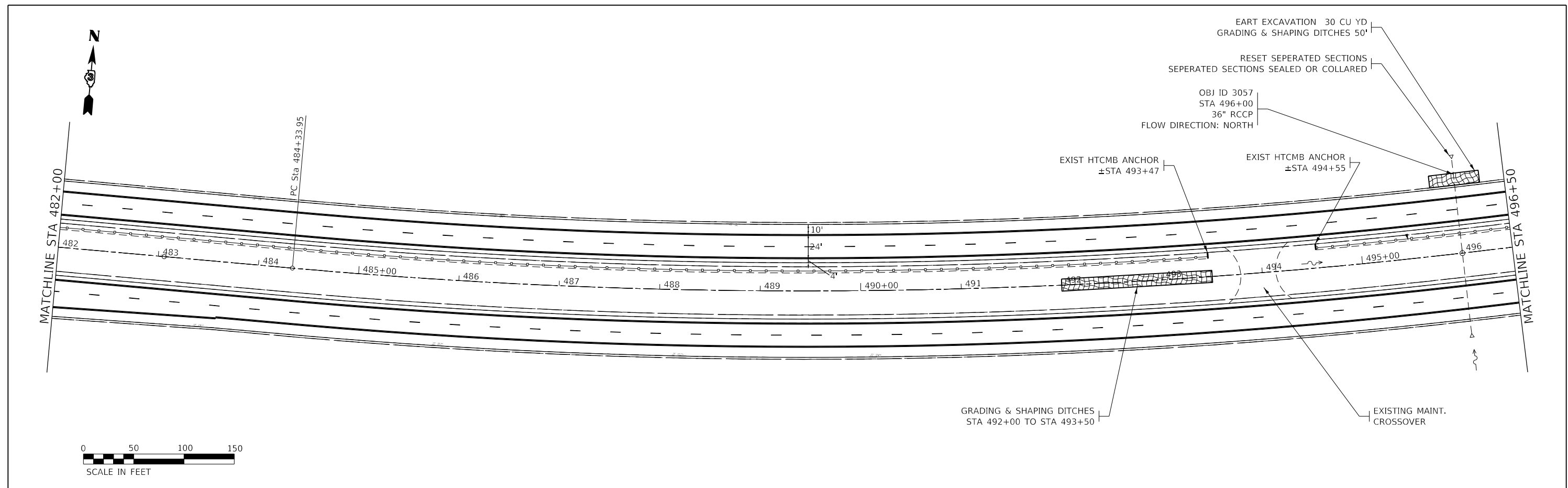
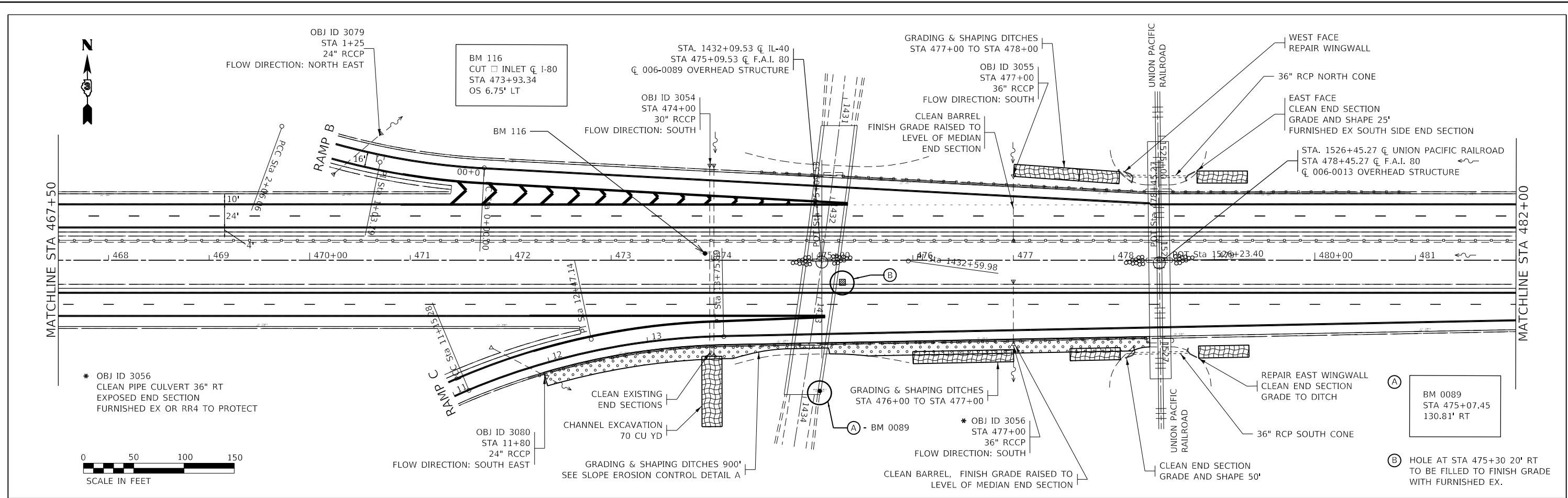
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PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	70
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
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PLOT DATE = 2/2/2023	DATE -	REVISED -

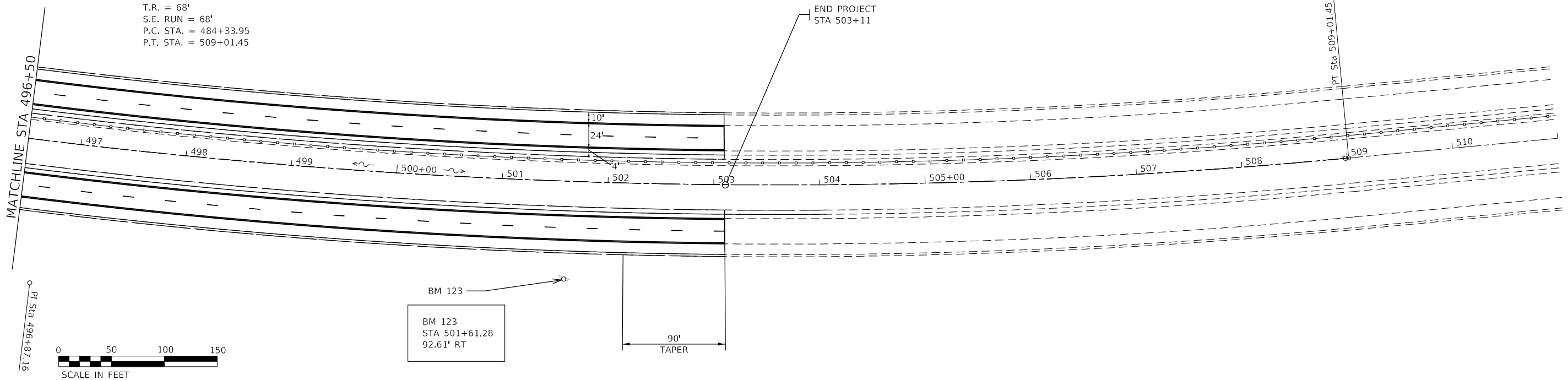
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	71
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE EXCL\_I-80\_33  
 PI STA. = 496+87.16  
 $\Delta = 24^\circ 41' 42''$  (LT)  
 $D = 1^\circ 00' 03''$   
 $R = 5,724.94'$   
 $T = 1,253.21'$   
 $L = 2,467.50'$   
 $E = 135.56'$   
 $e = 1.5\%$   
 $T.R. = 68'$   
 $S.E. RUN = 68'$   
 $P.C. STA. = 484+33.95$   
 $P.T. STA. = 509+01.45$



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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	72
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				





EXIST. CURVE EXBL\_RAMPA\_3  
 PI STA. = 8+14.54  
 $\Delta = 71^\circ 52' 36''$  (LT)  
 D = 19° 01' 39"  
 R = 301.12'  
 T = 218.28'  
 L = 377.75'  
 E = 70.79'  
 e = 8%  
 S.E. RUN = 220'  
 P.C. STA. = 5+96.26  
 P.T. STA. = 9+74.01  
 BEGIN SUPER STA 4+49  
 SUPER ATTAINED STA 6+69.26  
 REMOVE SUPER STA 9+01.01  
 SUPER REMOVED STA 10+88

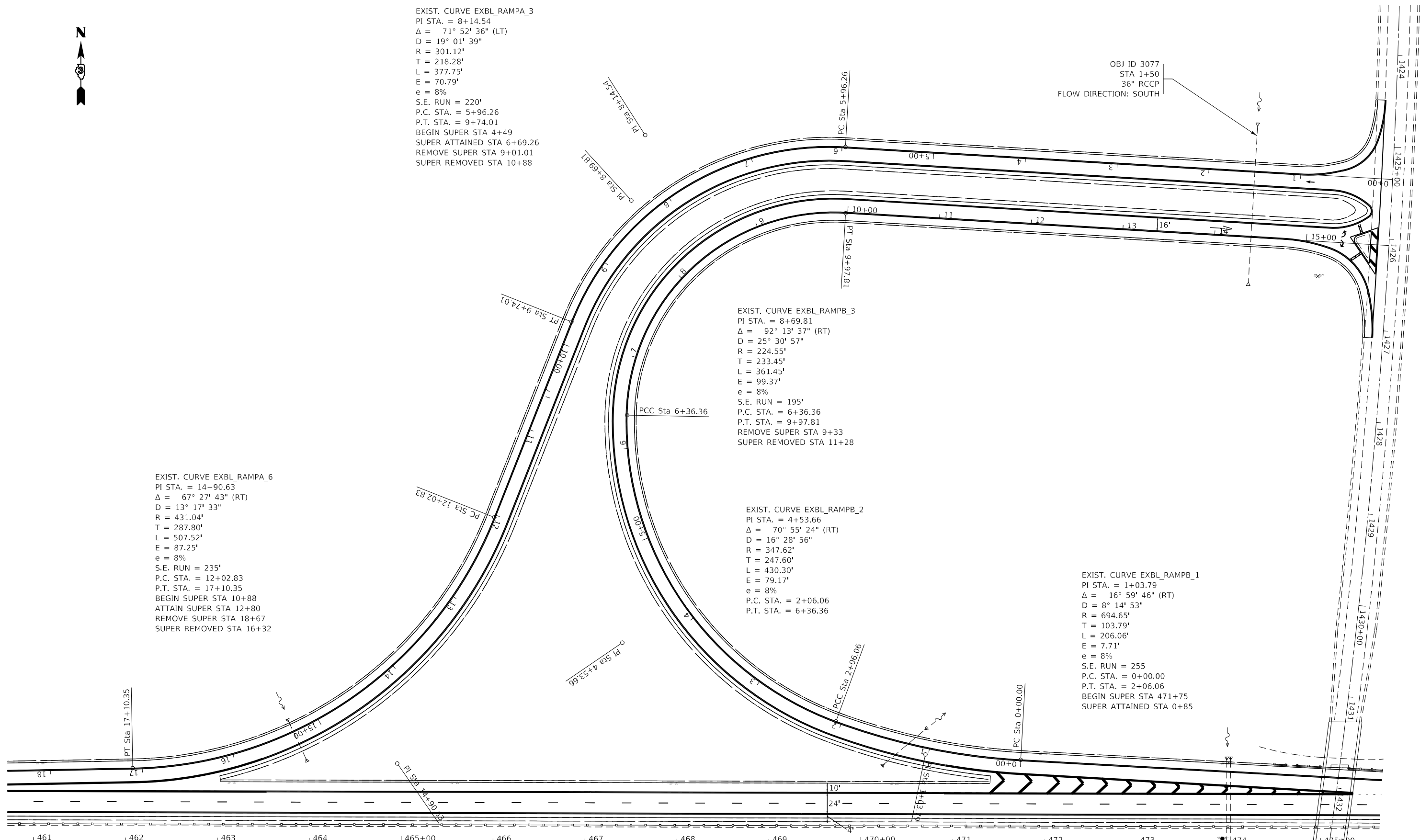
OBJ ID 3077  
 STA 1+50  
 36" RCCP  
 FLOW DIRECTION: SOUTH

EXIST. CURVE EXBL\_RAMPA\_6  
 PI STA. = 14+90.63  
 $\Delta = 67^\circ 27' 43''$  (RT)  
 D = 13° 17' 33"  
 R = 431.04'  
 T = 287.80'  
 L = 507.52'  
 E = 87.25'  
 e = 8%  
 S.E. RUN = 235'  
 P.C. STA. = 12+02.83  
 P.T. STA. = 17+10.35  
 BEGIN SUPER STA 10+88  
 ATTAIN SUPER STA 12+80  
 REMOVE SUPER STA 18+67  
 SUPER REMOVED STA 16+32

EXIST. CURVE EXBL\_RAMPB\_3  
 PI STA. = 8+69.81  
 $\Delta = 92^\circ 13' 37''$  (RT)  
 D = 25° 30' 57"  
 R = 224.55'  
 T = 233.45'  
 L = 361.45'  
 E = 99.37'  
 e = 8%  
 S.E. RUN = 195'  
 P.C. STA. = 6+36.36  
 P.T. STA. = 9+97.81  
 REMOVE SUPER STA 9+33  
 SUPER REMOVED STA 11+28

EXIST. CURVE EXBL\_RAMPB\_2  
 PI STA. = 4+53.66  
 $\Delta = 70^\circ 55' 24''$  (RT)  
 D = 16° 28' 56"  
 R = 347.62'  
 T = 247.60'  
 L = 430.30'  
 E = 79.17'  
 e = 8%  
 P.C. STA. = 2+06.06  
 P.T. STA. = 6+36.36

EXIST. CURVE EXBL\_RAMPB\_1  
 PI STA. = 1+03.79  
 $\Delta = 16^\circ 59' 46''$  (RT)  
 D = 8° 14' 53"  
 R = 694.65'  
 T = 103.79'  
 L = 206.06'  
 E = 7.71'  
 e = 8%  
 S.E. RUN = 255  
 P.C. STA. = 0+00.00  
 P.T. STA. = 2+06.06  
 BEGIN SUPER STA 471+75  
 SUPER ATTAINED STA 0+85



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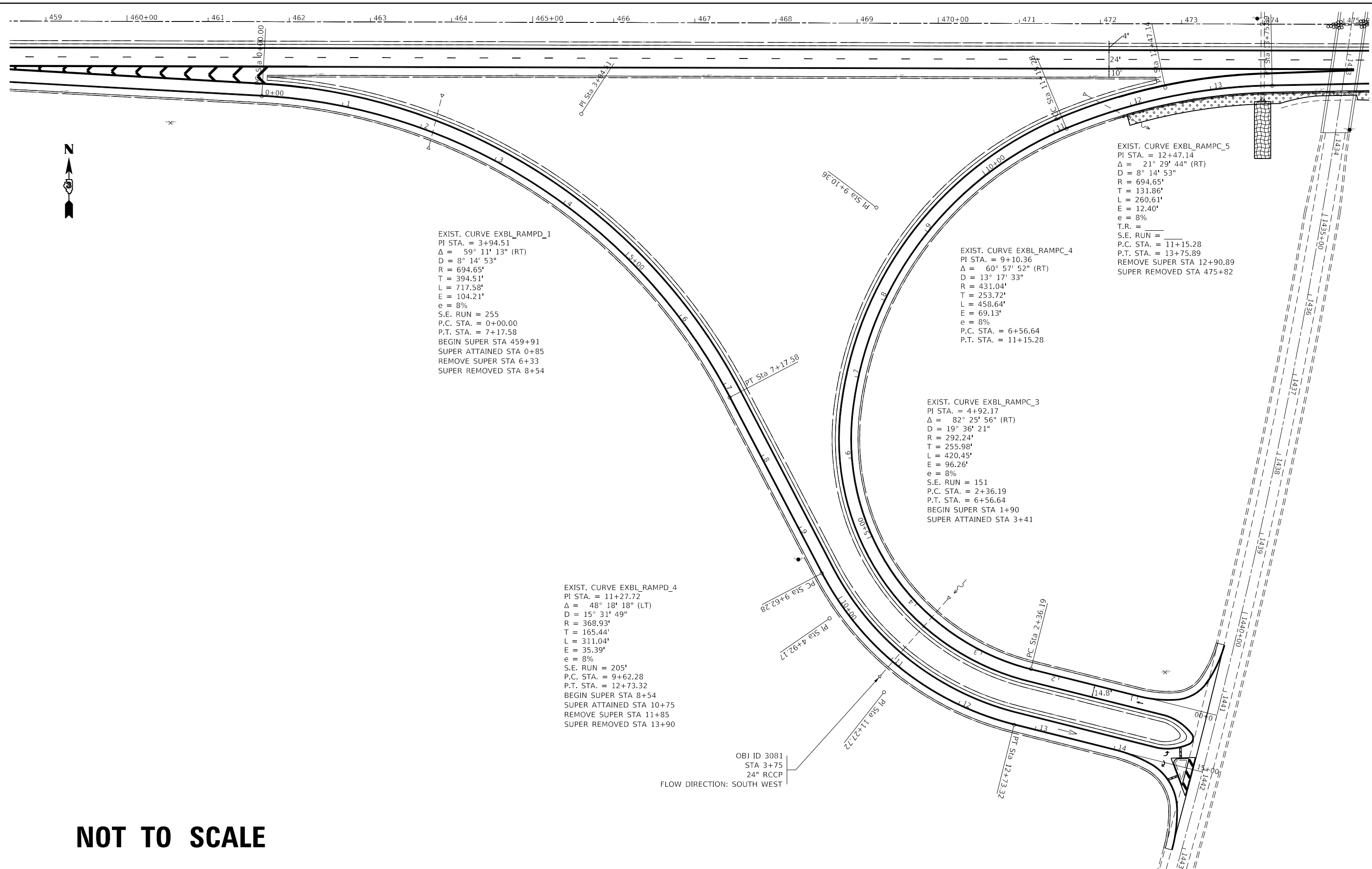
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PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS RAMPS A & B**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	73
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	



**NOT TO SCALE**

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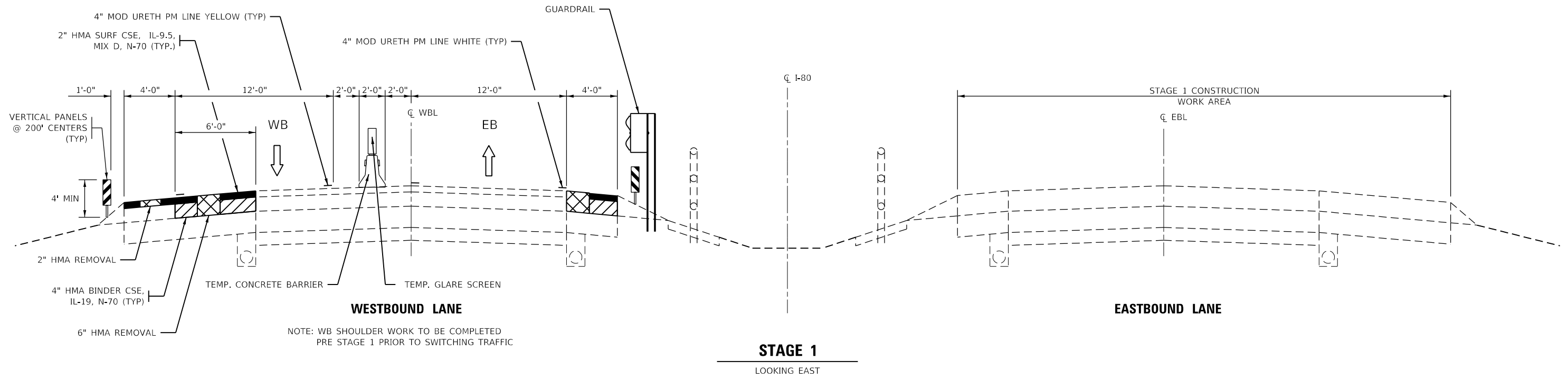
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DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS RAMPS C & D**

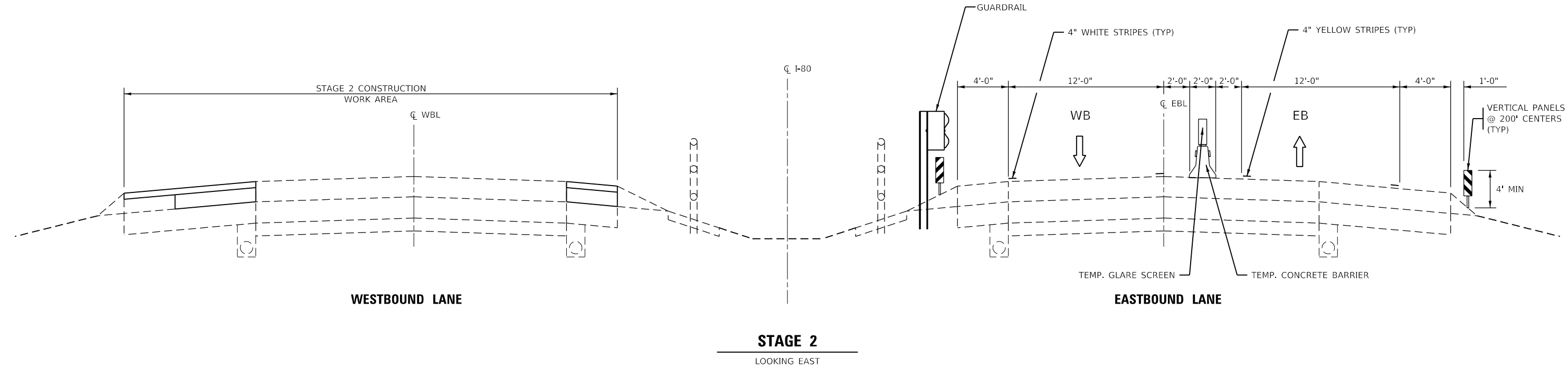
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	



**PRESTAGE NOTES**

- \*WESTBOUND SHOULDER WORK TO BE COMPLETED PRE-STAGE 1 PRIOR TO SWITCHING TRAFFIC
- \*ERECT TEMPORARY GUARDRAIL
- \*CLASS B PATCHING (OPTIONAL)
- \*UTILIZE HWY STND 701401, 701411 FOR TRAFFIC CONTROL AND SMART TRAFFIC CONTROL FOR ADVANCE SIGNING.
- \*APPLY TEMPORARY PAVEMENT MARKING FOR STAGE 1
- \*GUARDRAIL SHALL BE COMPLETED BEFORE STAGE 1 PRIOR TO SWITCHING TRAFFIC



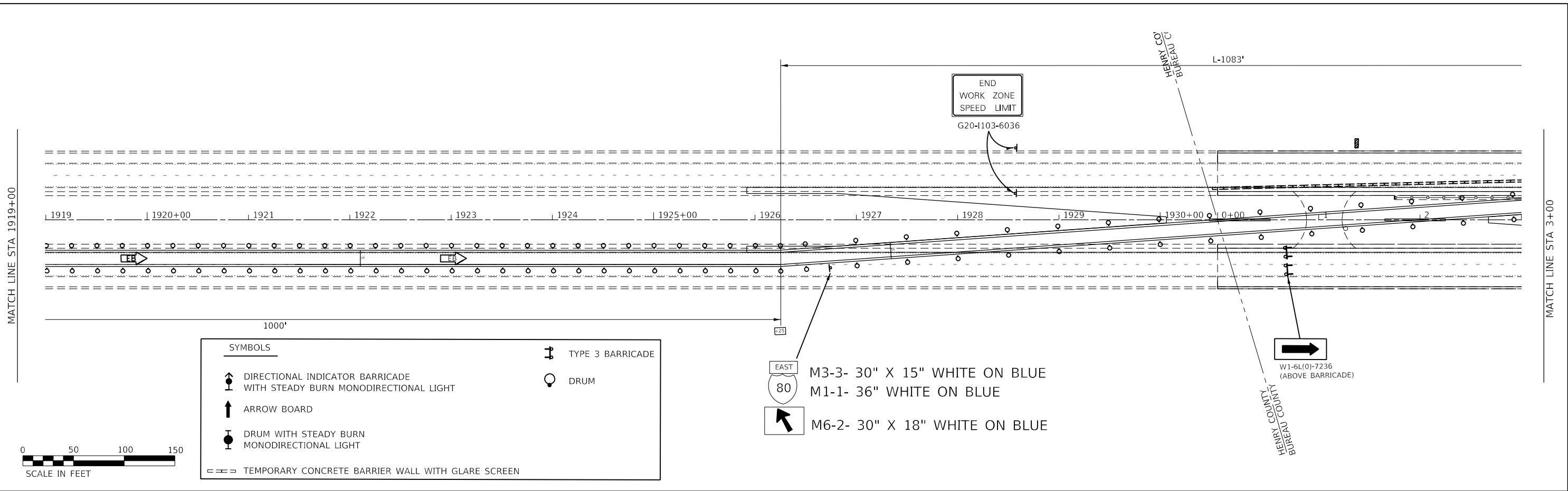
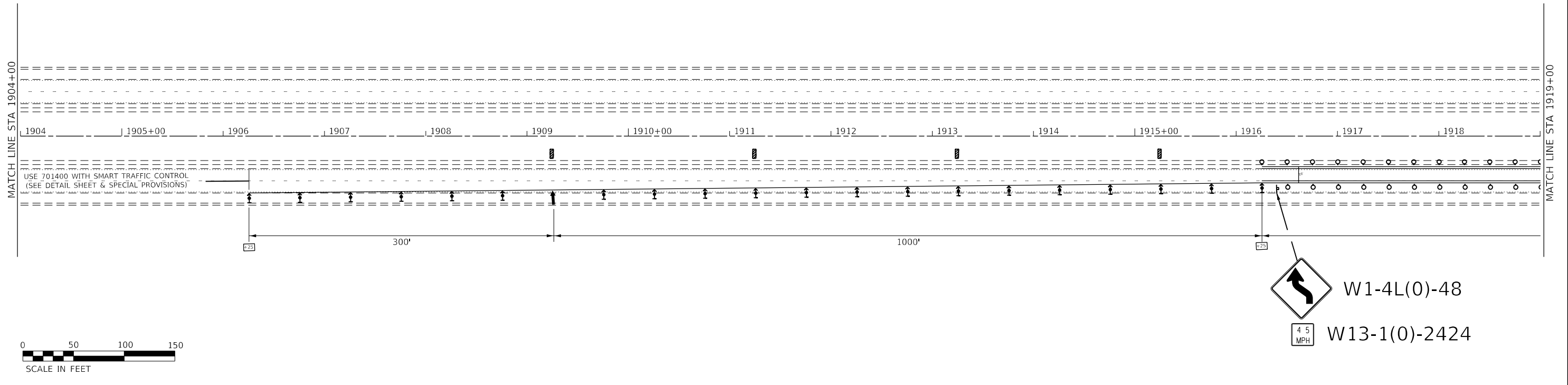
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

STAGING TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)ES	BUREAU	208	75
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



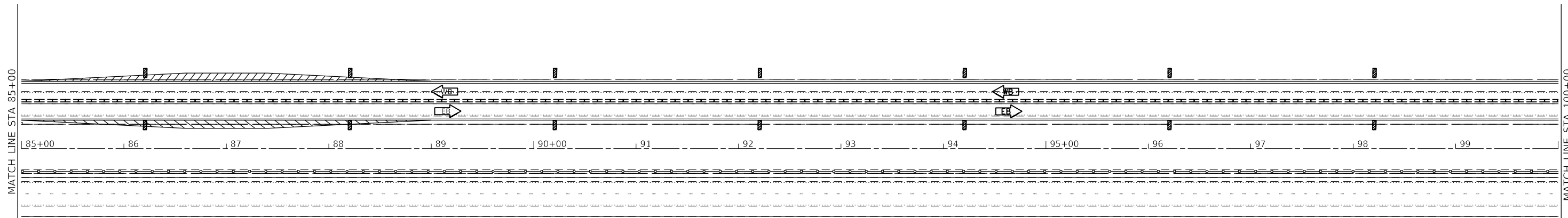
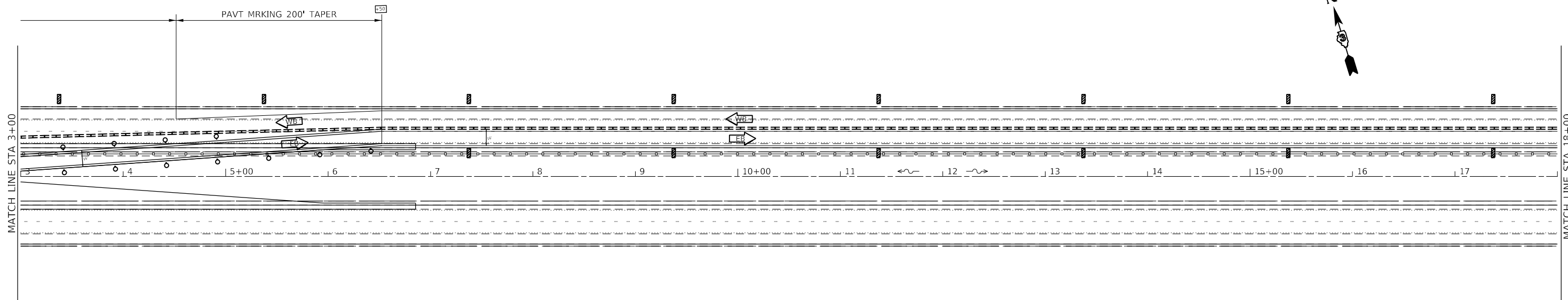
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 USER: jferguson

USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 PLAN</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	76
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



SYMBOLS	
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	ARROW BOARD
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
	TYPE 3 BARRICADE
	DRUM



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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/1/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

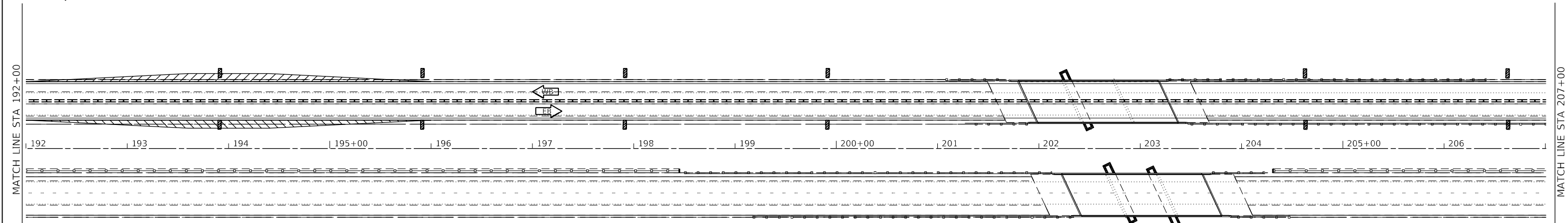
**STAGE 1 PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

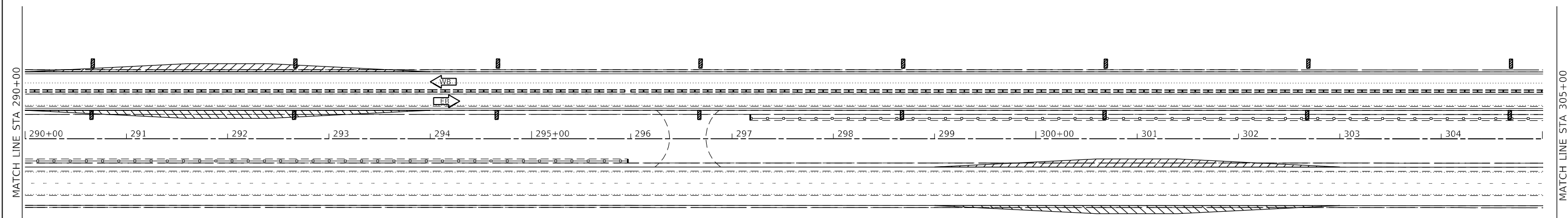
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	77
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



NOTES:  
 SEE HIGHWAY STANDARD 701416 FOR DETAILS NOT SHOWN.  
 SEE TRAFFIC CONTROL AND PROTECTION (SPECIAL) FOR ITEMS PAID FOR SEPARATELY



SYMBOLS	
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	ARROW BOARD
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
	TYPE 3 BARRICADE
	DRUM



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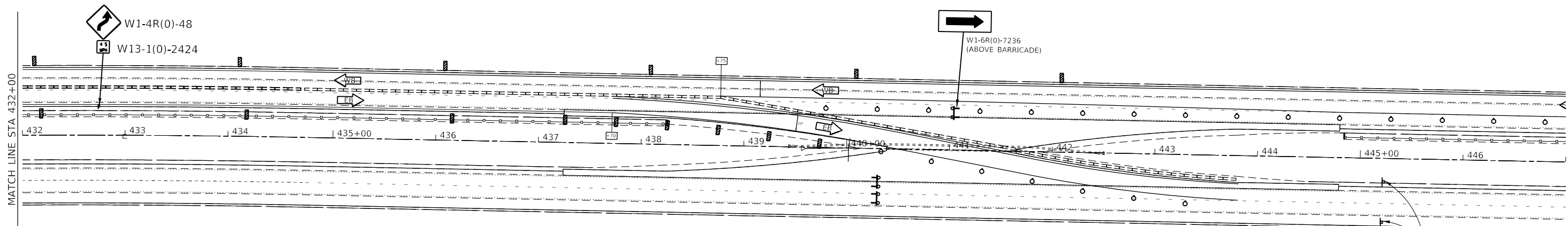
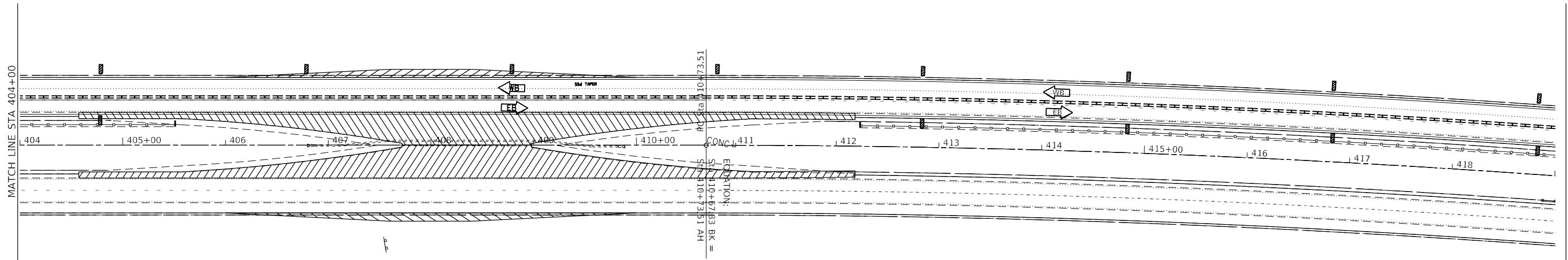
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PLOT DATE = 3/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1 PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR		208	78
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	



SYMBOLS	
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	ARROW BOARD
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
	TYPE 3 BARRICADE
	DRUM

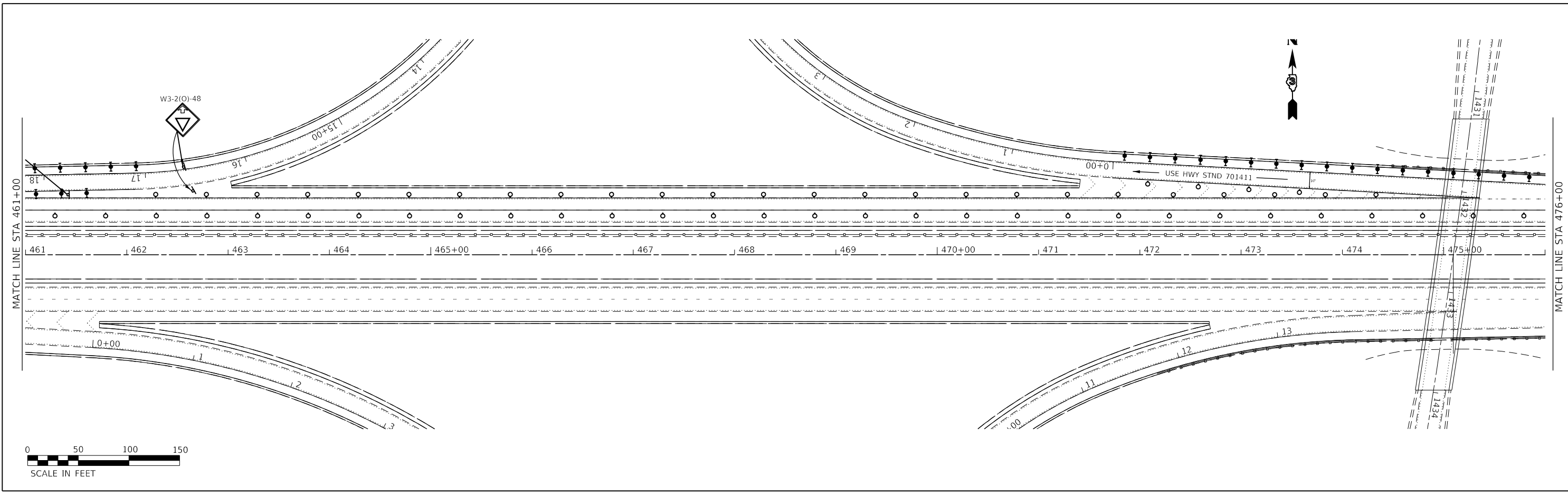
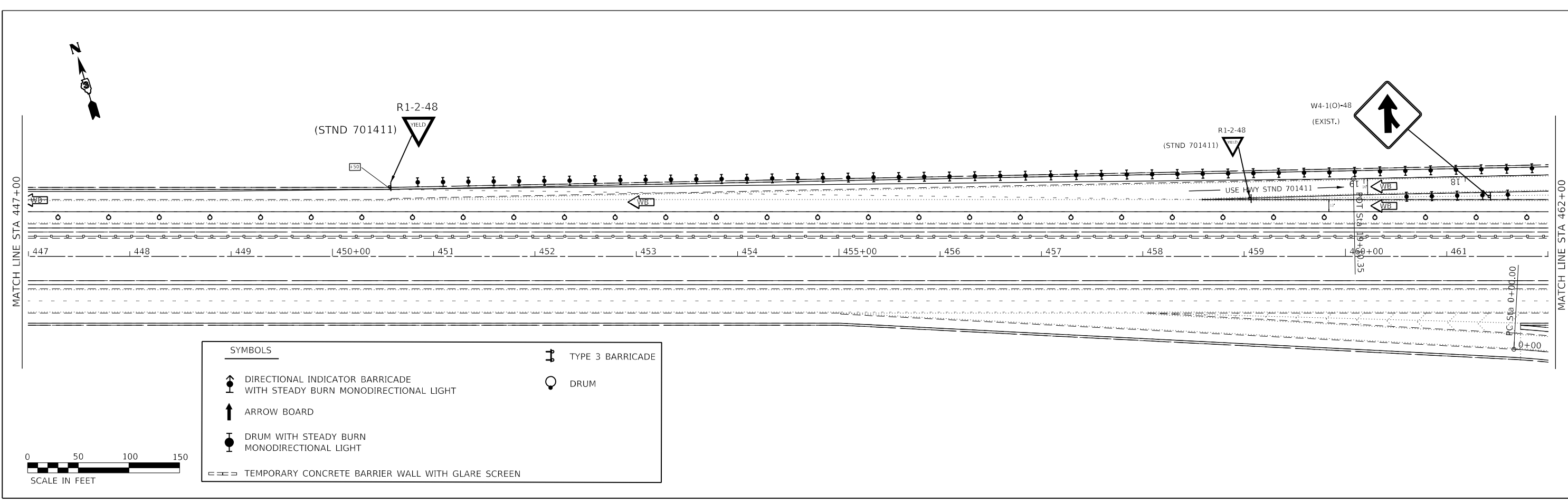
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PLOT DATE = 3/1/2023	CHECKED -	REVISIED -
	DATE -	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 PLAN</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	79
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				

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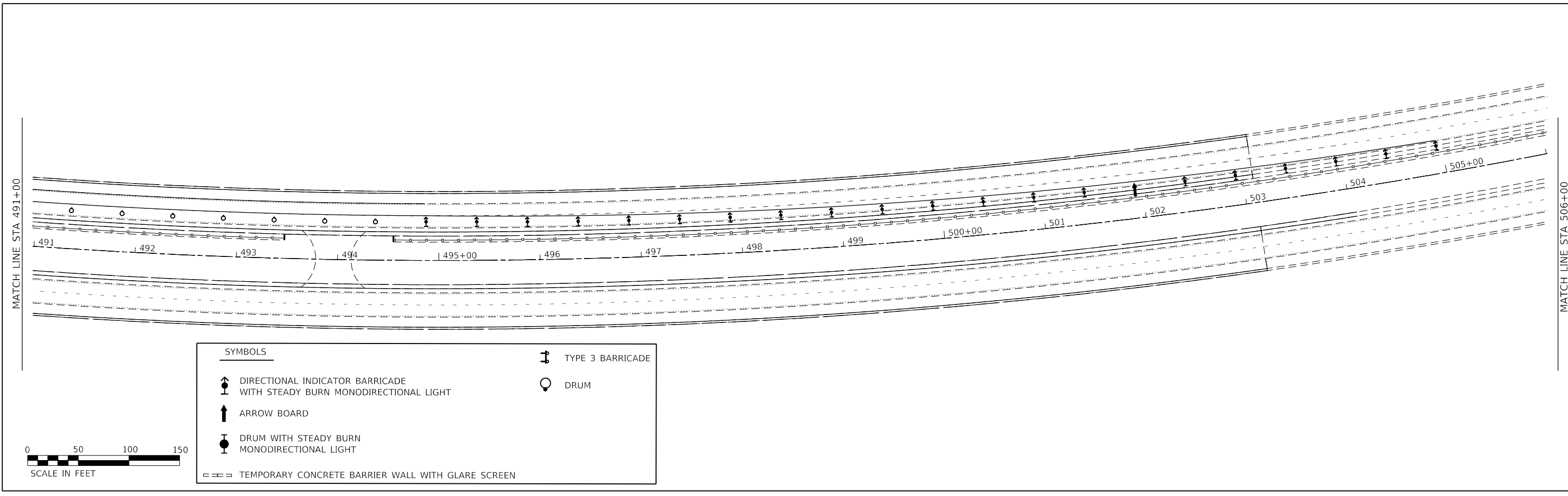
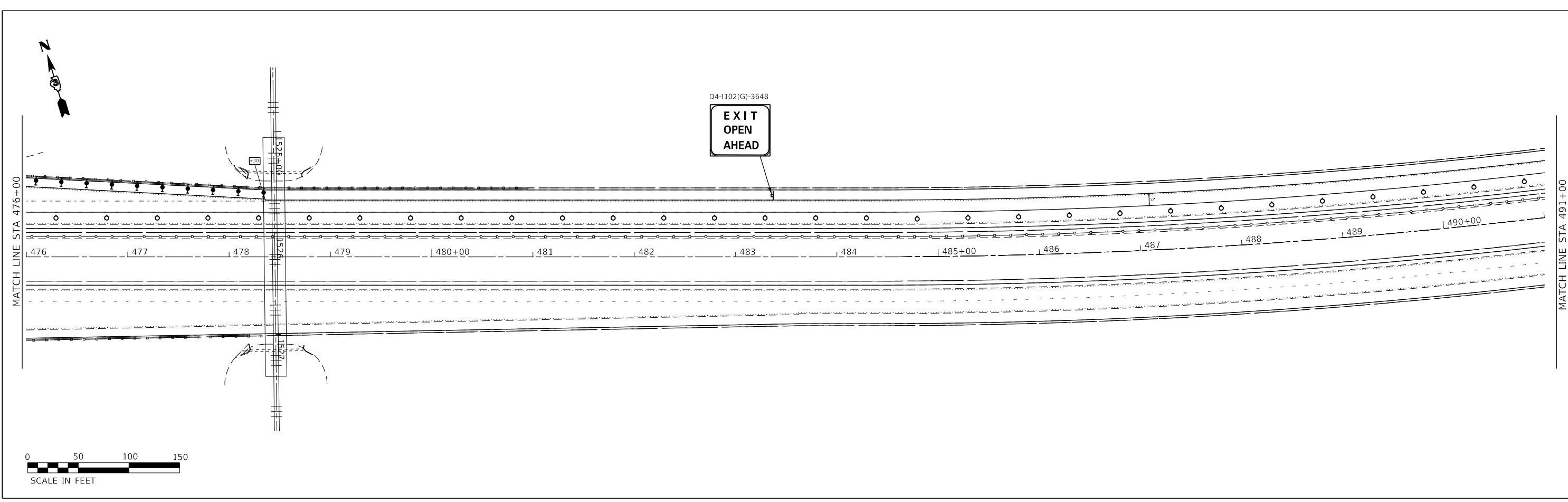
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DRAWN -	REVISOR -	
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PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 PLAN</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				





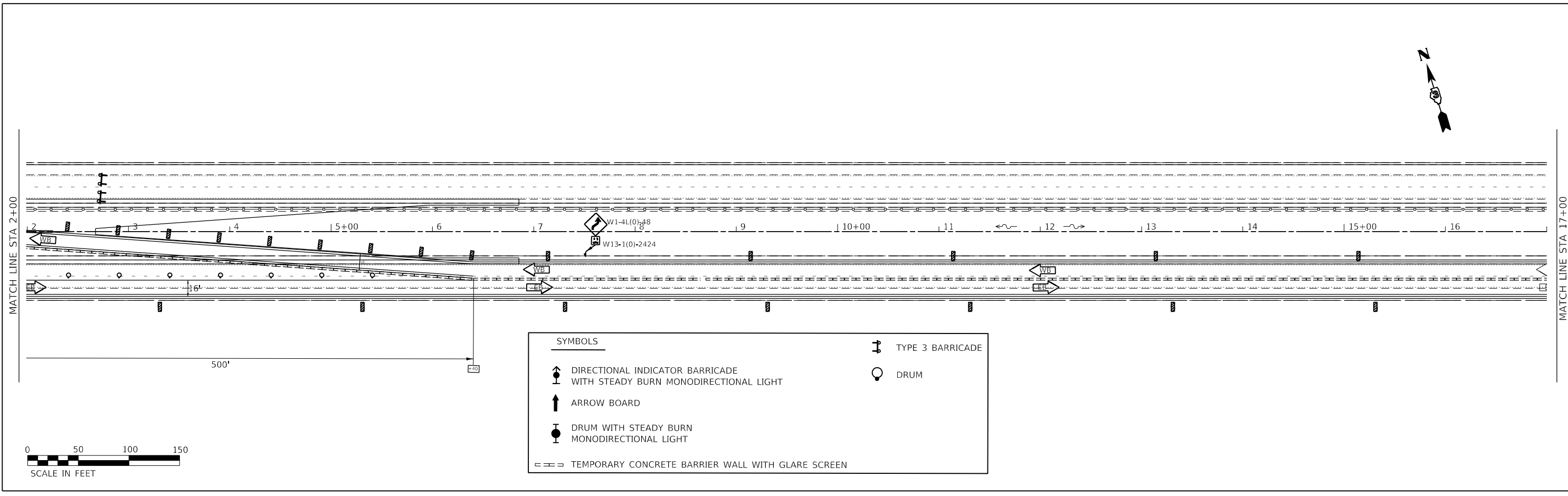
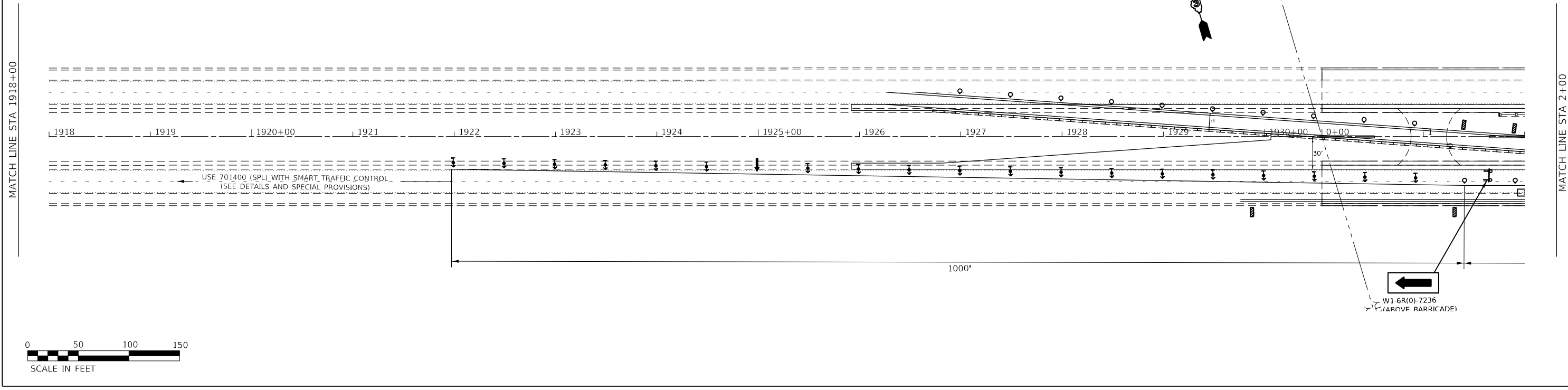
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PLOT DATE = 3/1/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 1 PLAN</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	81
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 3/1/2023	CHECKED -	REVISED -
	DATE -	REVISED -

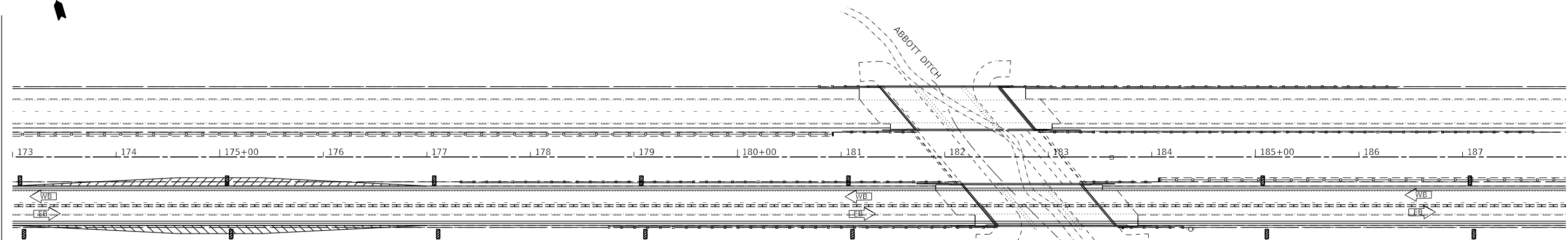
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>STAGE 2 PLAN</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	82
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 173+00

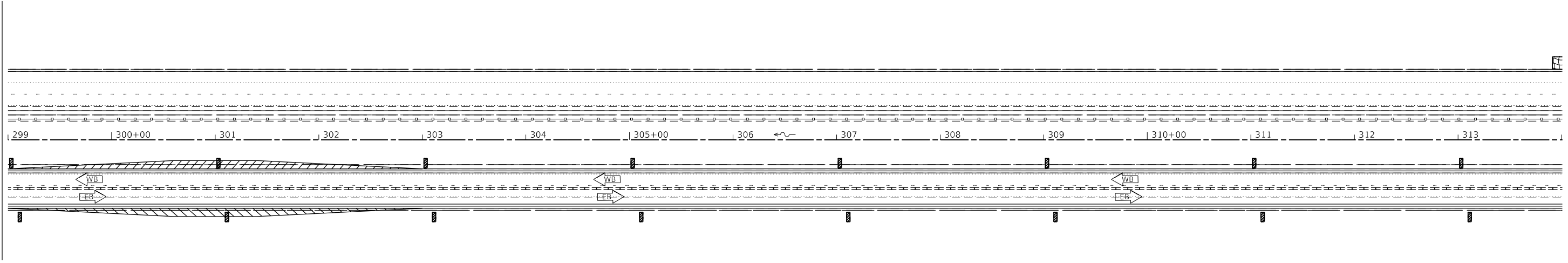


MATCH LINE STA 188+00

SYMBOLS	
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	ARROW BOARD
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
	TYPE 3 BARRICADE
	DRUM



MATCH LINE STA 299+00



MATCH LINE STA 314+00



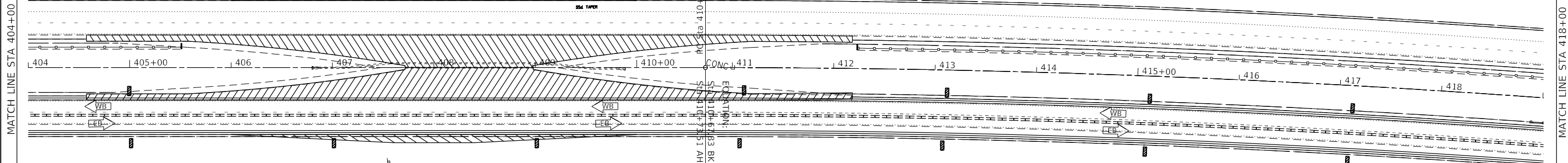
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	DATE -	REVISED -

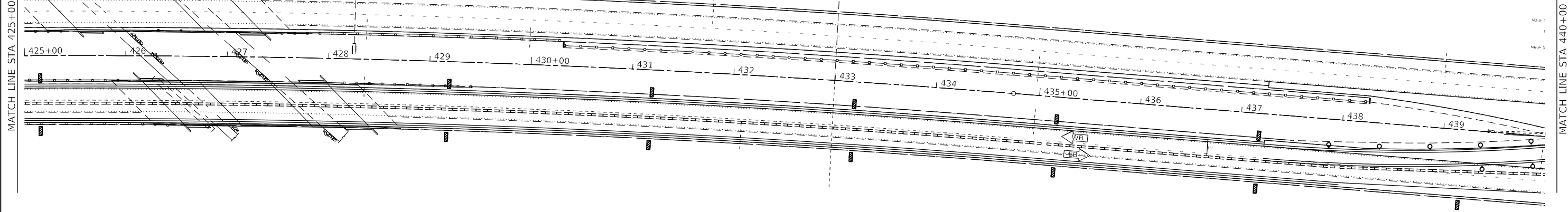
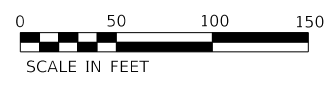
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 2 PLAN</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	83
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



SYMBOLS	
	DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	ARROW BOARD
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	TEMPORARY CONCRETE BARRIER WALL WITH GLARE SCREEN
	TYPE 3 BARRICADE
	DRUM



USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/1/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

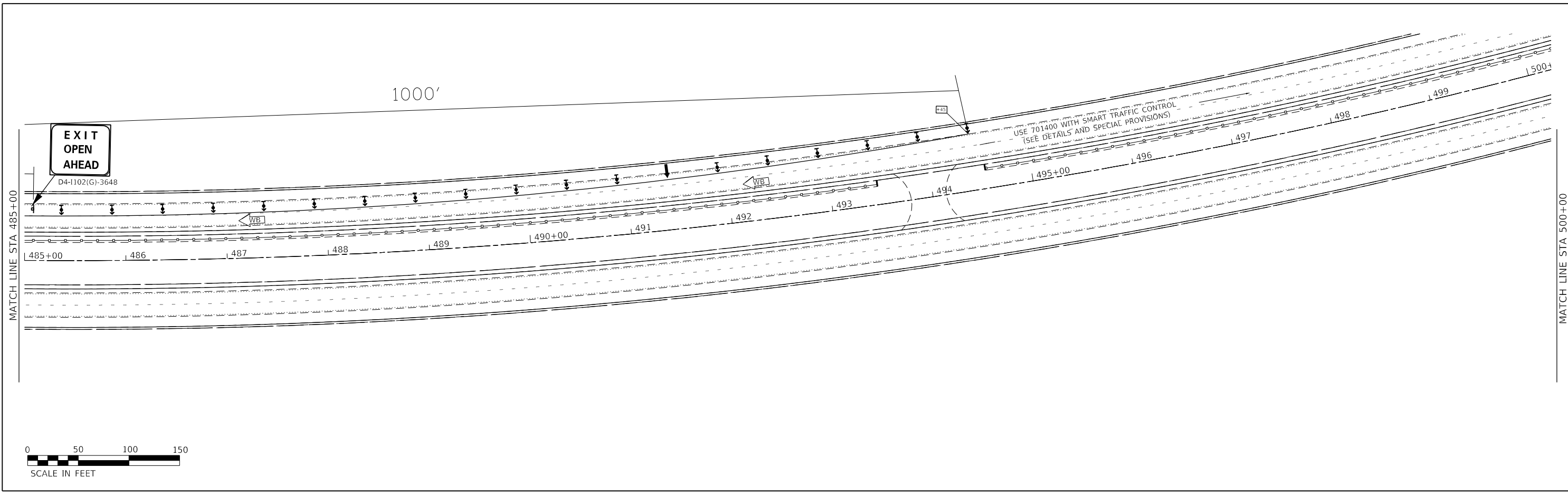
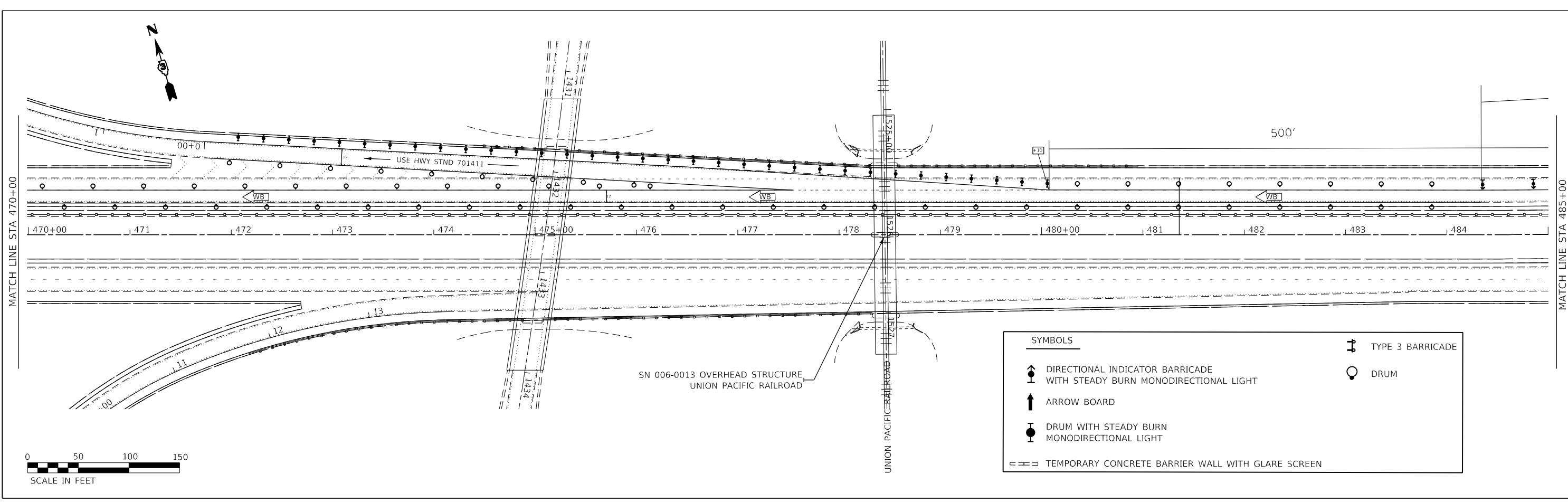
**STAGE 2 PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

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


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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/1/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STAGE 2 PLAN</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	86
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

## LEGEND

-  PROPOSED TEMPORARY LIGHTING UNIT, 50FT WOOD POLE, CLASS 3, WITH 15FT M.A., LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H
-  PROPOSED TEMPORARY LIGHTING CONTROLLER
-  PROPOSED TEMPORARY ELECTRIC SERVICE INSTALLATION
-  PROPOSED AERIAL CABLE, SIZE AS INDICATED
-  PROPOSED UNIT DUCT, SIZE AS INDICATED
-  PROPOSED GUY WIRE, ANCHOR



## SUMMARY OF QUANTITIES

PAY ITEM		UNIT	TOTALS
X8410102	TEMPORARY LIGHTING SYSTEM	LSUM	1

## GENERAL NOTES

1. POLE HEIGHT SHALL BE INCREASED AS NECESSARY TO MAINTAIN REQUIRED CLEARANCE OF AERIAL CABLE OVER THE ROADWAY.
2. GUYS AND ANCHORS ARE SHOWN AS AN EXAMPLE AND SHALL BE INSTALLED AS NECESSARY TO THE SATISFACTION OF THE ENGINEER.
3. TEMPORARY WOOD POLES SHALL BE SET BACK A MINIMUM OF 30 FT. FROM EXISTING EDGE OF PAVEMENT AND OUTSIDE THE CLEAR ZONE.

## CABLE SCHEDULE

-  AERIAL CABLE, 2-1/C NO. 6 ALUMINUM WITH MESSENGER WIRE
-  UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

## HIGHWAY STANDARDS

- \*\*825001-04 LIGHTING CONTROLLER POLE MOUNTED, 240V
- 830026-01 TEMPORARY ROADWAY LIGHTING

•• TO BE USED FOR TEMPORARY LIGHTING CONTROLLER.

## INDEX OF SHEETS

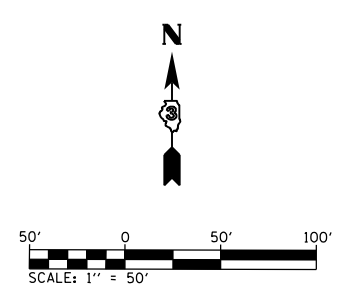
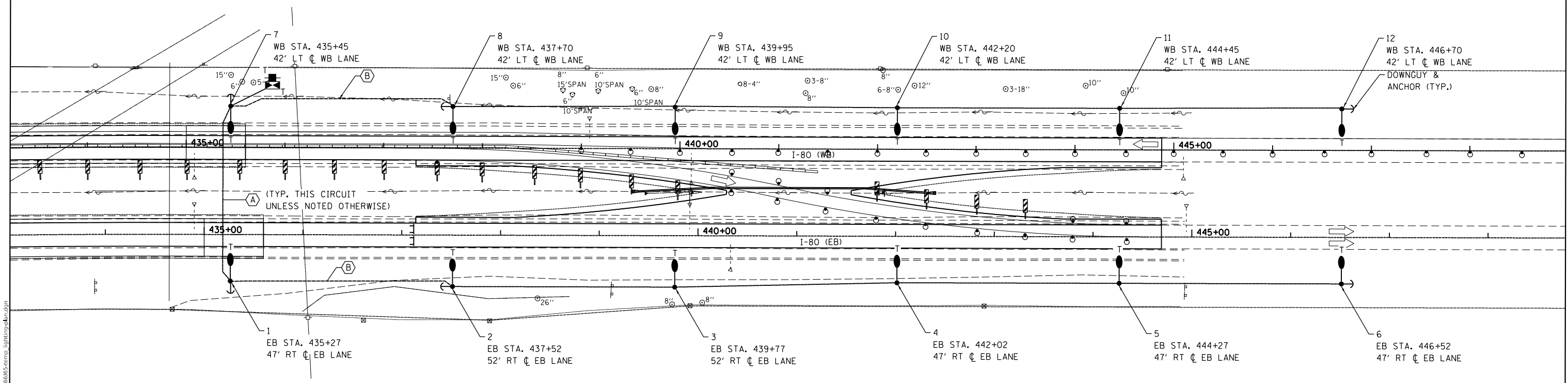
- E1 CABLE SCHEDULE, GENERAL NOTES, HIGHWAY STANDARDS, INDEX OF SHEETS, LEGEND, AND SUMMARY OF QUANTITIES
- E2 PROPOSED TEMPORARY LIGHTING PLAN
- E3 WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE

E1

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CABLE SCHEDULE, GENERAL NOTES, HIGHWAY STANDARDS, INDEX OF SHEETS, LEGEND, AND SUMMARY OF QUANTITIES</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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					ILLINOIS FED. AID PROJECT					

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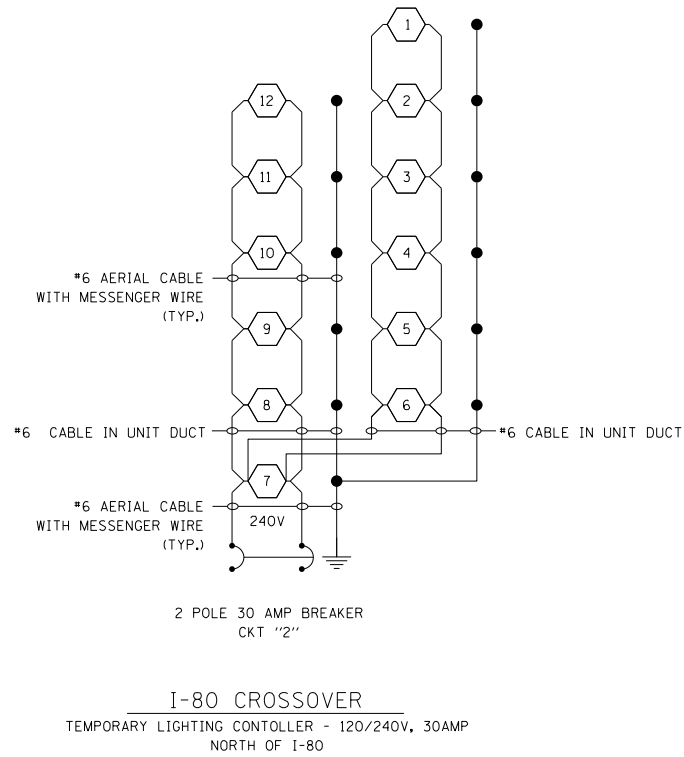


**E2**

USER NAME = Cody, M. Johnson PLOT SCALE = 100.3410' / in. PLOT DATE = 2/3/2023	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TEMPORARY LIGHTING PLAN</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	CHECKED -	REVISED -		CONTRACT NO. 66J65								
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			



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**I-80 CROSSOVER**  
 TEMPORARY LIGHTING CONTROLLER - 120/240V, 30AMP  
 NORTH OF I-80

**LEGEND**

- TEMPORARY LIGHTING UNIT.
- GROUND ROD.

**NOTES:**

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

**Project**

Date	Contract Number	Section Number	County
12/20/22	66J65	106-1, 06-2)RS-4, BRR	BUREAU
Marked Route Number		Municipality	
I-80			

**Roadway**

Lane Width	*of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
24 FT	2	N/A	R3	0.07

**Structure**

Mounting Height	Arm Length	Set Back	Number of Luminaires (Highmast & Sign Lighting Only)
45 FT	15 FT	30 FT	N/A

**Luminaire**

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution
ROADWAY, OUTPUT DESIGNATION G	TYPE III	MEDIUM
Total Light Loss Factor (LLF)	BUG Rating	Shields
0.700	U = 0	N/A
		Dimming Protocol
		0-10V

**Layout**

Spacing (to Nearest 5 Ft) Configuration (Opposite, Staggered, 1 Sided, or Median)
250 FT SINGLE SIDED

**Performance**

Average Illuminance, $E_{AVE}$ (fc)	Uniformity Ratio, $E_{AVE}/E_{MIN}$		
0.6	3.0		
Average Luminance, $L_{AVE}$ (cd/m <sup>2</sup> )	Uniformity Ratio, $L_{AVE}/L_{MIN}$	Uniformity Ratio, $L_{MAX}/L_{MIN}$	Veiling Luminance Ratio, $L_v/L$
N/A	N/A	N/A	N/A

**Light Trespass**

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E	Max. Vertical Illuminance at ROW, E
N/A	N/A	N/A

**Notes**

1. Set Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
2. Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to roadway.
3. Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
4. Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions above.

PHOTOMETRIC CALCULATIONS TO BE PERFORMED IN ONE DIRECTION ONLY.  
 COMPLIANCE WITH PERFORMANCE CRITERIA SHALL BE HELD TO ONE SIGNIFICANT DIGIT.

LUMINAIRE PERFORMANCE TABLE

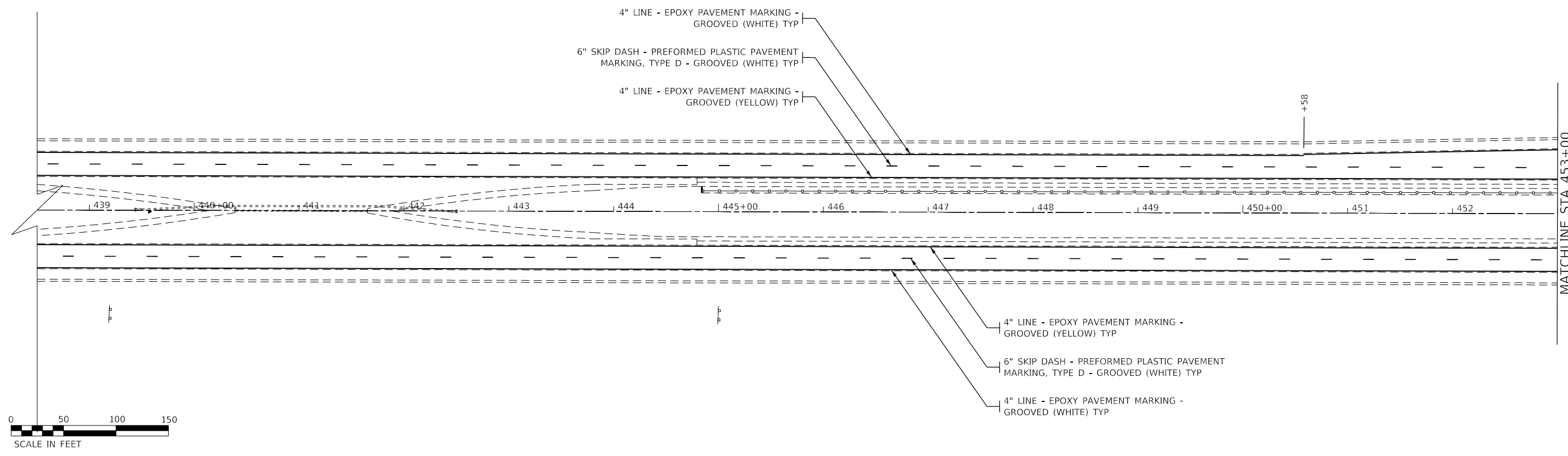
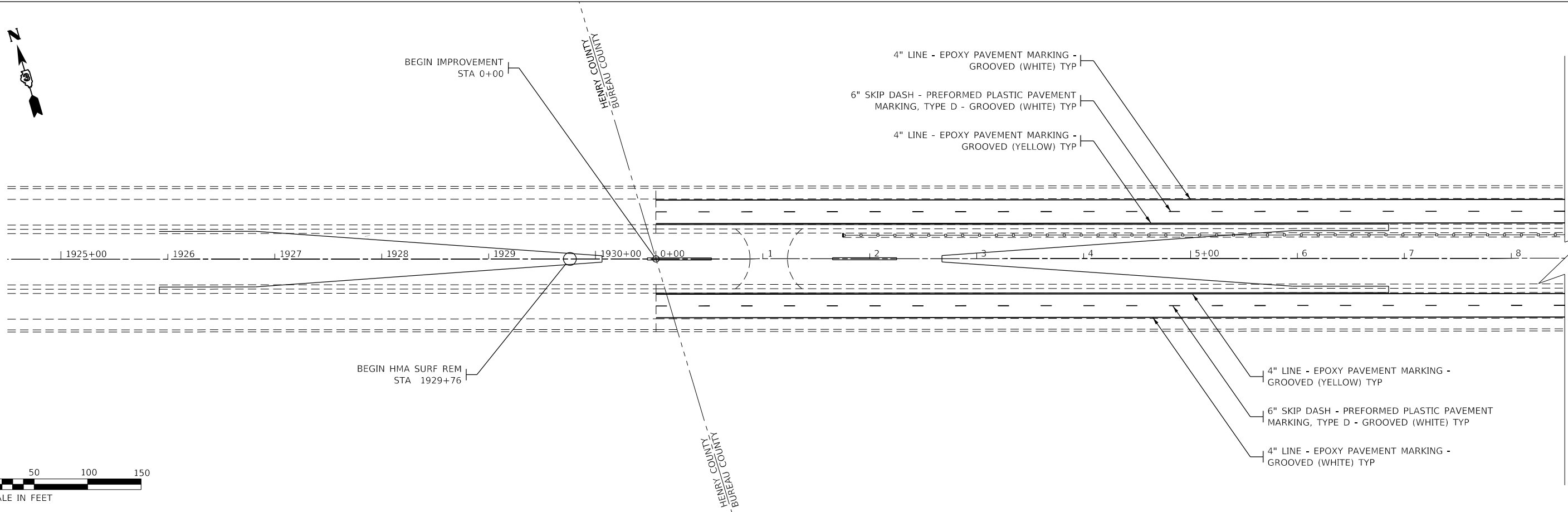
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PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	106-1,06-2)RS-4,BRR	BUREAU	208	89
CONTRACT NO. 66J65				
		ILLINOIS	FED. AID PROJECT	



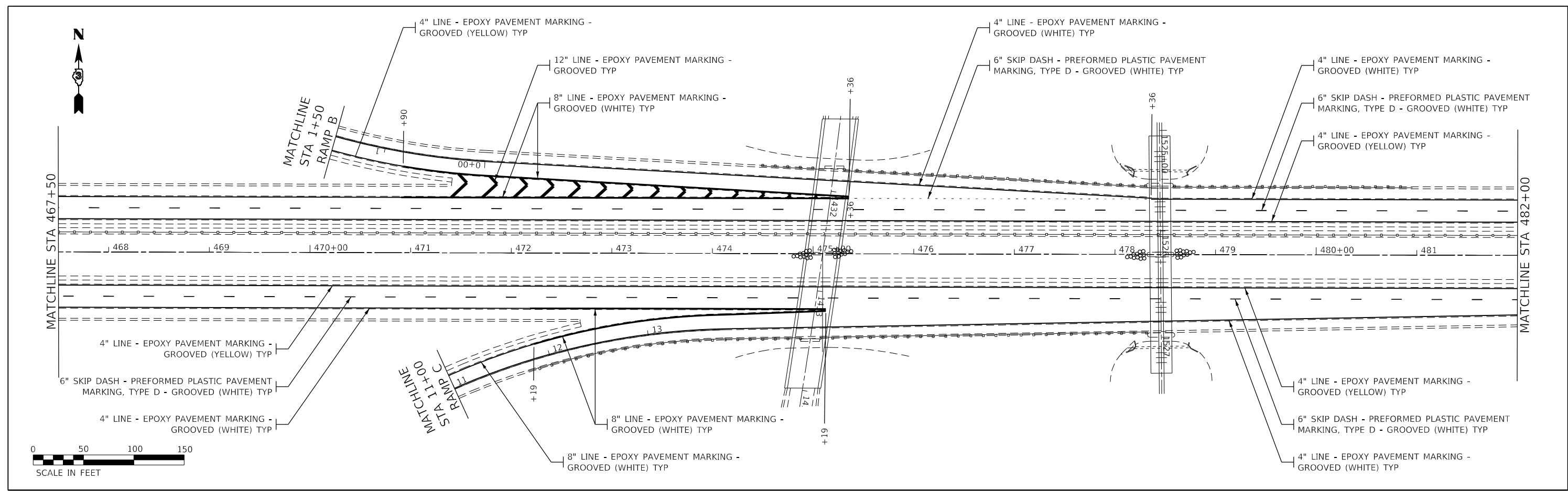
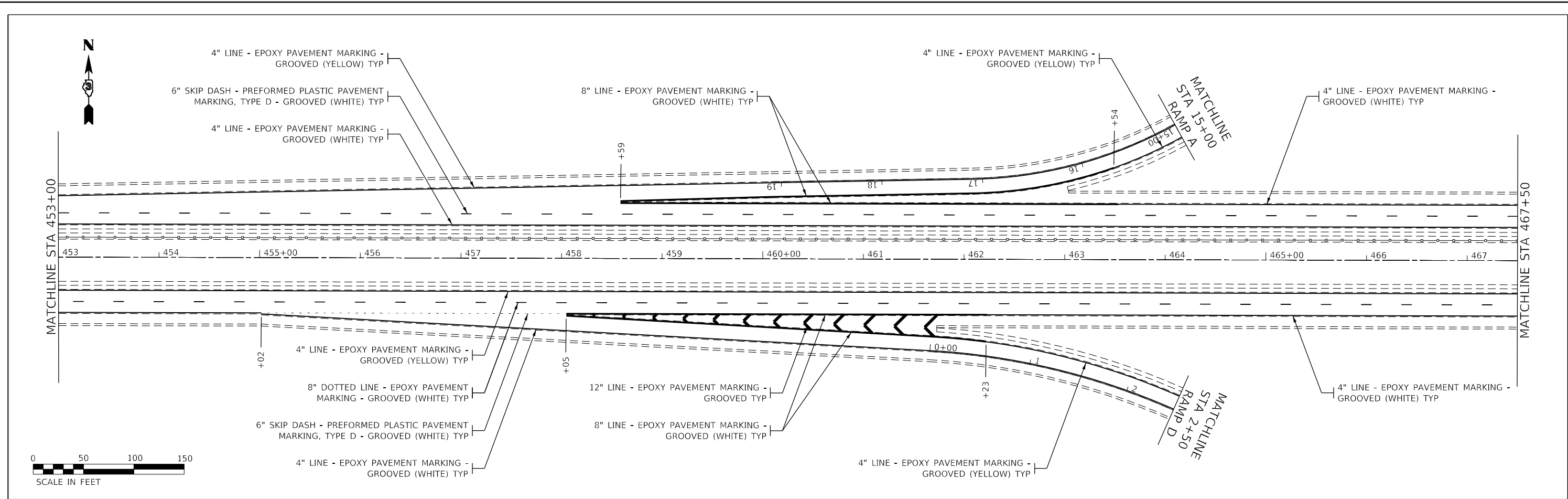
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DRAWN -	REVISOR -	
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PLOT DATE = 2/2/2023	DATE -	REVISOR -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	90
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



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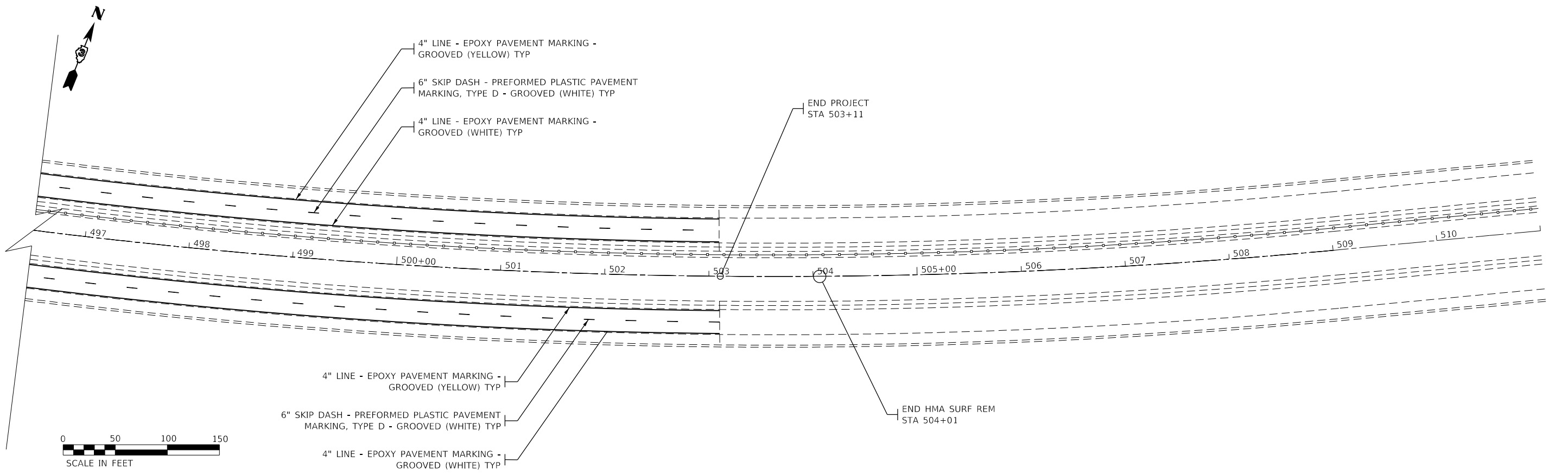
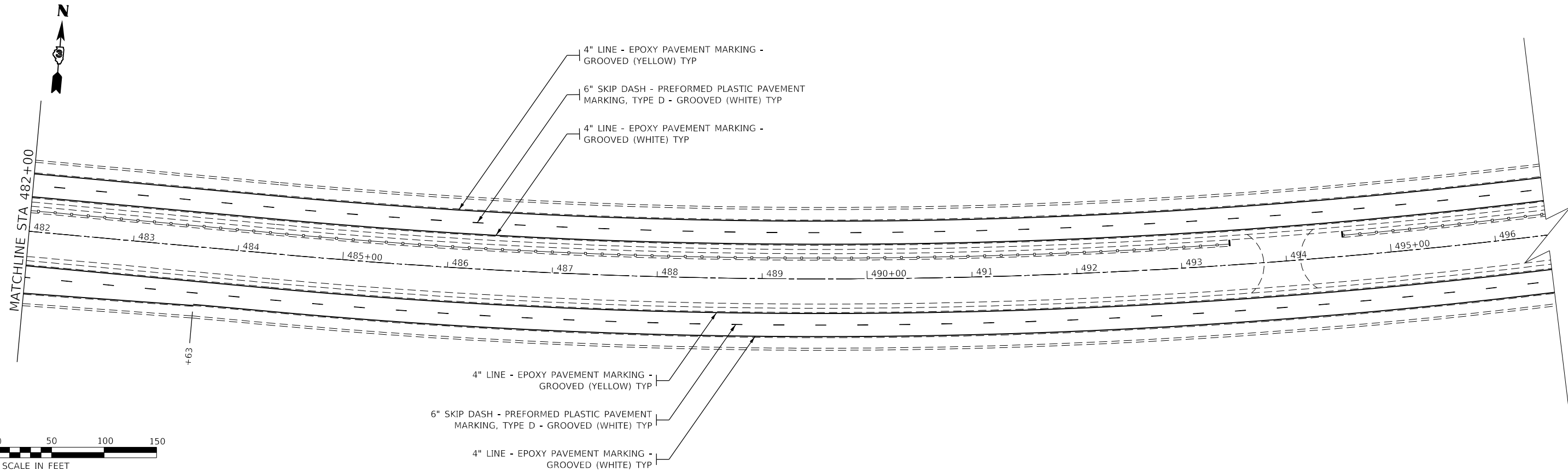
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PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	91
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	92
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



4" LINE - EPOXY PAVEMENT MARKING - GROOVED (WHITE) TYP  
 4" LINE - EPOXY PAVEMENT MARKING - GROOVED (YELLOW) TYP

4" LINE - EPOXY PAVEMENT MARKING - GROOVED (WHITE) TYP  
 LETTERS AND SYMBOLS - PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - GROOVED (WHITE) TYP  
 4" LINE - EPOXY PAVEMENT MARKING - GROOVED (YELLOW) TYP

LETTERS AND SYMBOLS - PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - GROOVED (WHITE) TYP  
 8" LINE - EPOXY PAVEMENT MARKING - GROOVED (WHITE) TYP  
 24" LINE - PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - GROOVED (WHITE) TYP  
 12" LINE - PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - GROOVED (WHITE) TYP

4" LINE - EPOXY PAVEMENT MARKING - GROOVED (WHITE) TYP  
 4" LINE - EPOXY PAVEMENT MARKING - GROOVED (YELLOW) TYP

MATCHLINE  
 STA 15+00  
 RAMP A

MATCHLINE  
 STA 1+50  
 RAMP B



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS RAMPS A & B**

F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	93
ILLINOIS			FED. AID PROJECT	

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	DATE -	REVISIED -

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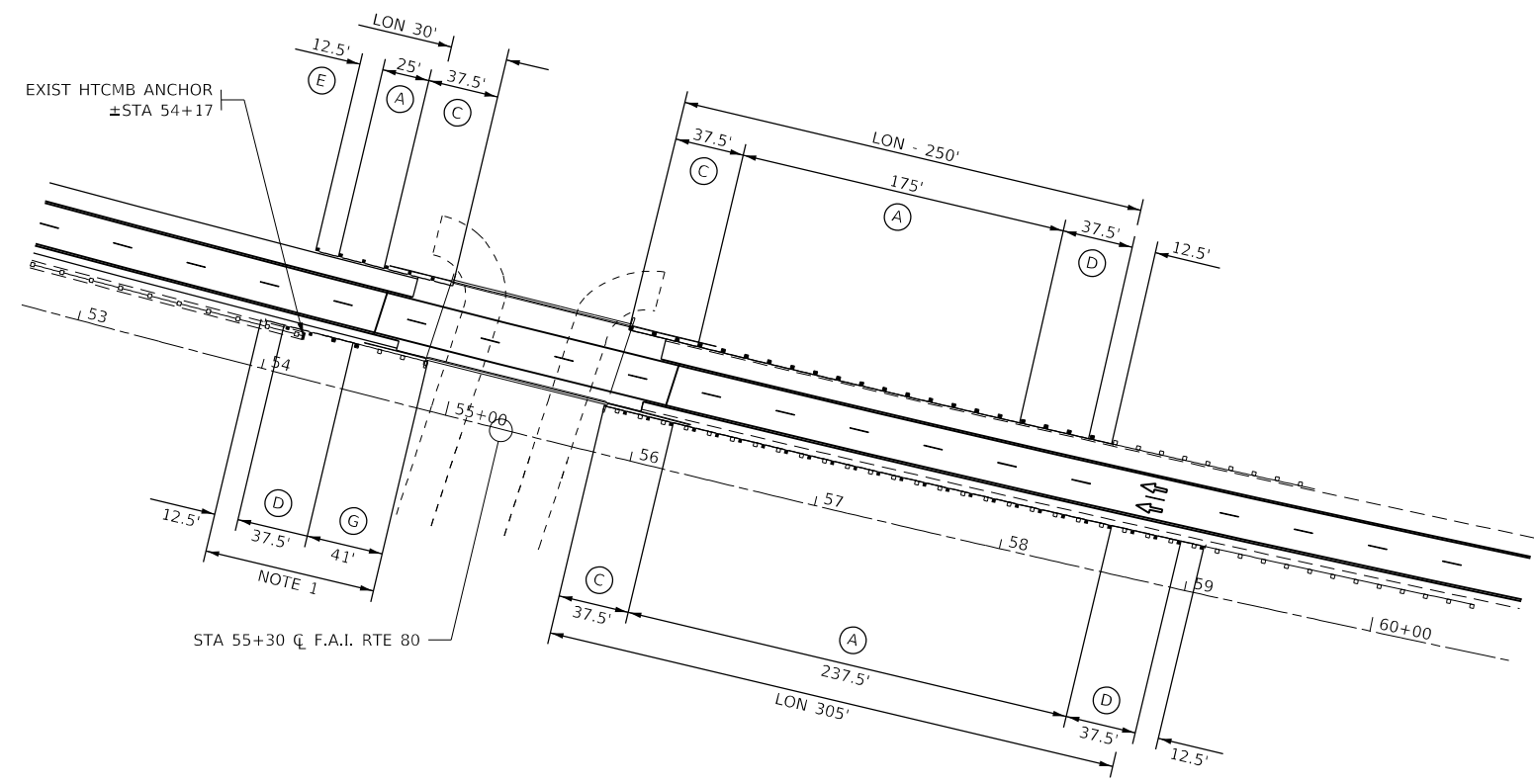
CONTRACT NO. 66J65



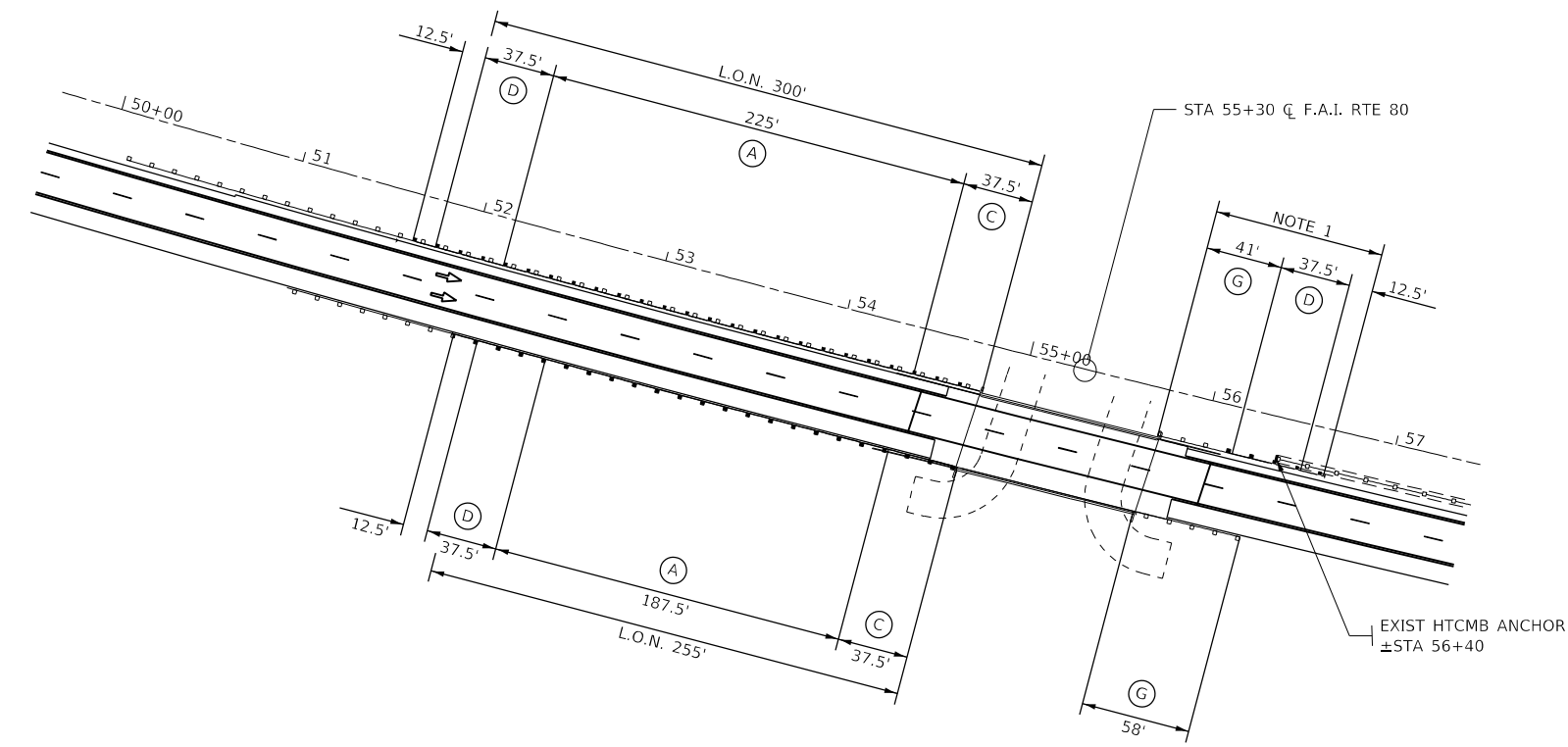


- (A) SPBGR TY A 6 FT
- (B) SPBGR TY A 9 FT
- (C) TBT TY 6
- (D) TBT TY 1 SPEC TAN
- (E) TBT TY 2
- (F) LONG-SPAN GUARDRAIL 18'-9"
- (G) EXISTING GUARDRAIL TO REMAIN

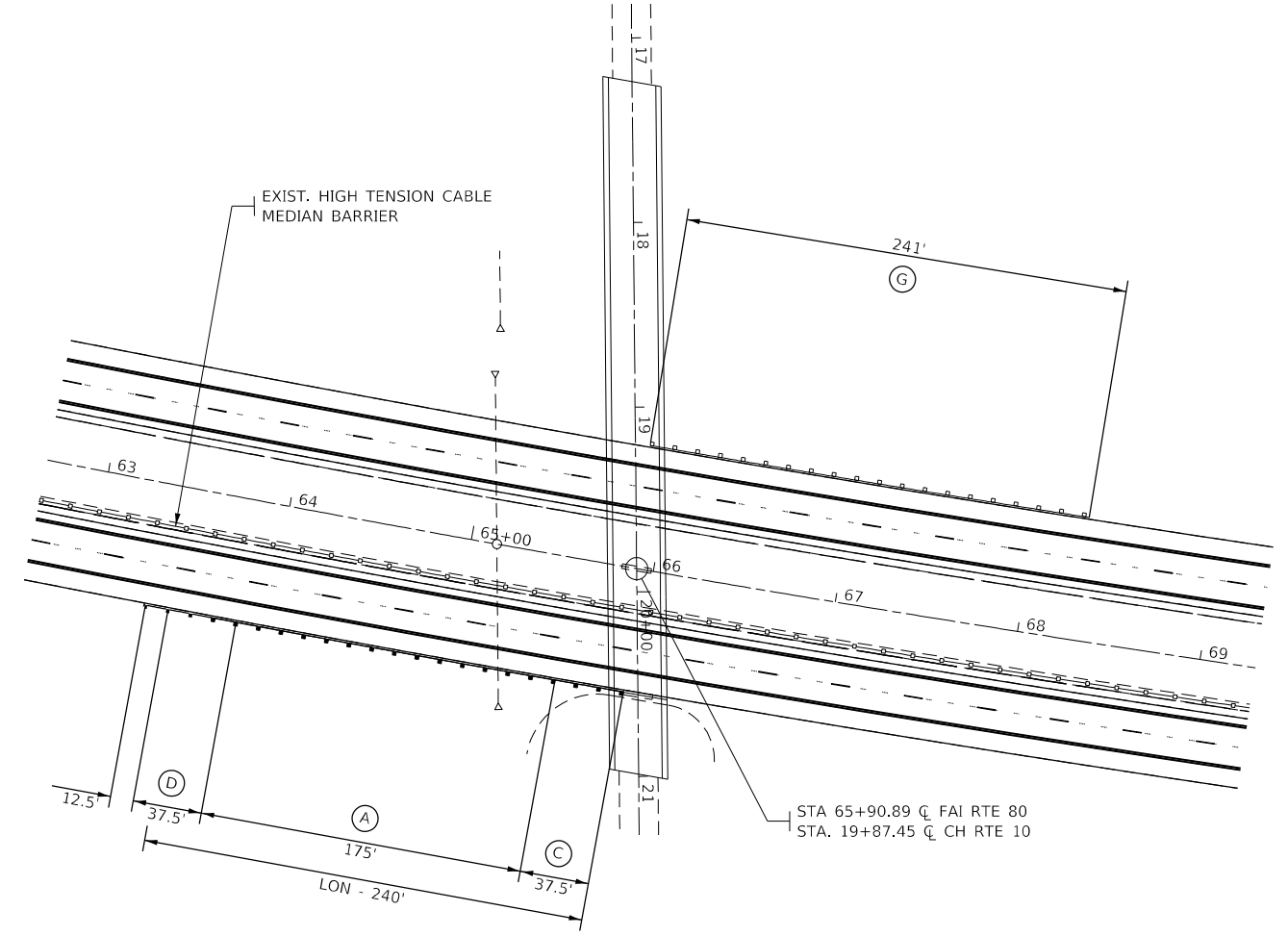
- NOTES**
- 1) GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.
  - 2) THE RAIL ELEMENTS OF THE EXISTING GUARDRAIL TO REMAIN WILL BE REMOVED, TEMPORARILY STORED AND REERECTED TO FACILITATE MILLING AND RESURFACING. THIS ACTION SHALL BE PERFORMED ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.



**SN 006-0002 WEST BOUND**

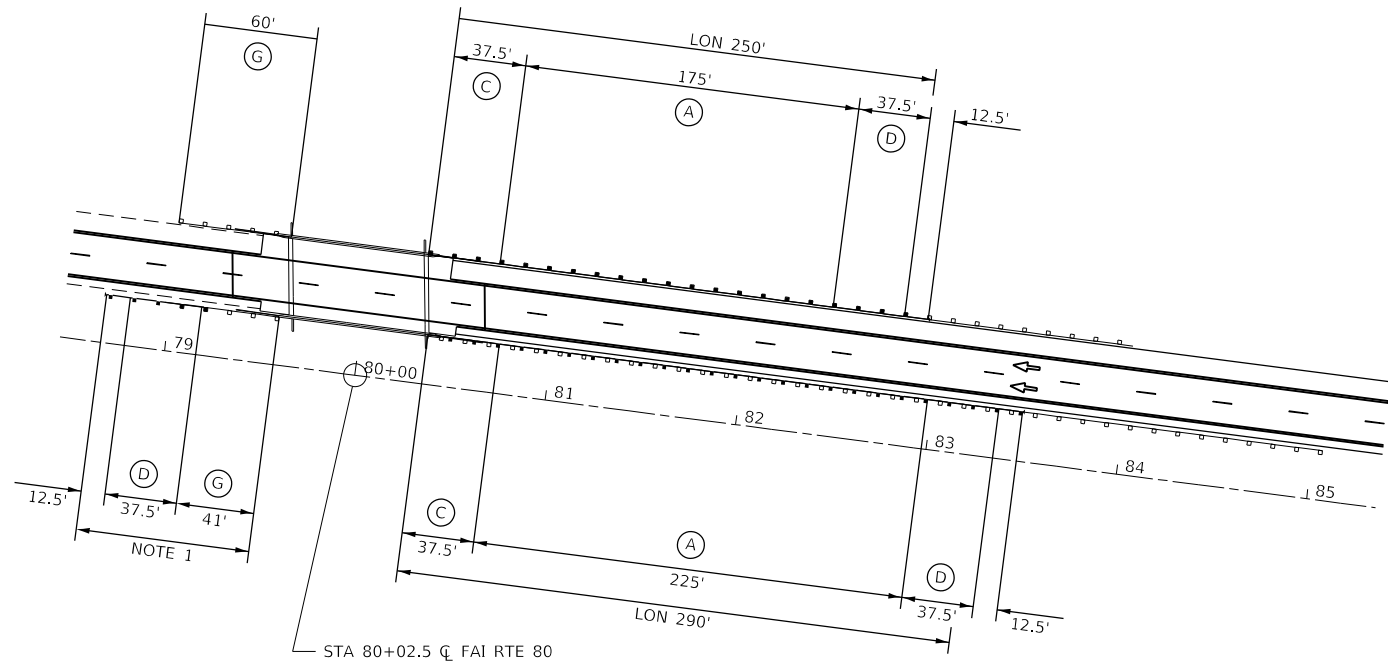


**SN 006-0001 EAST BOUND**

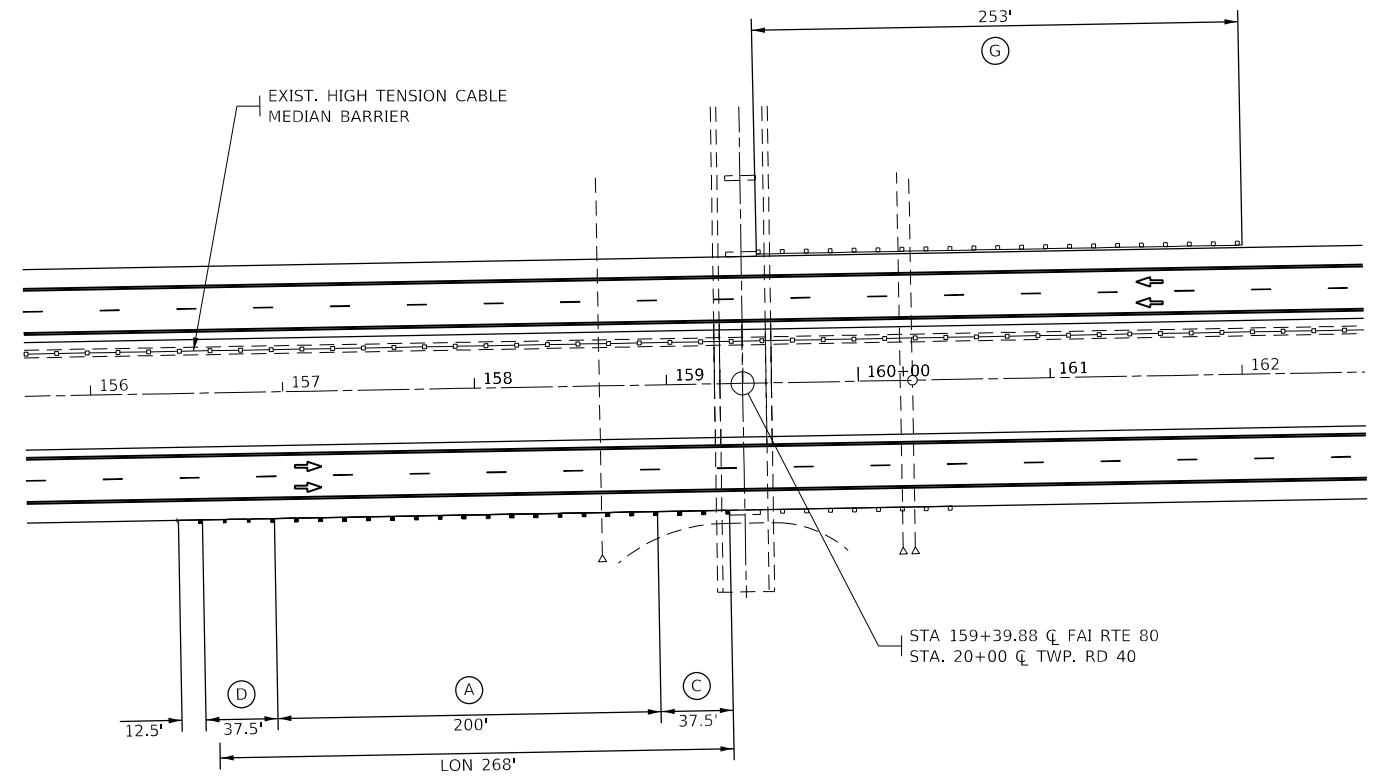


**SN 006-0115 OVERHEAD STRUCTURE**

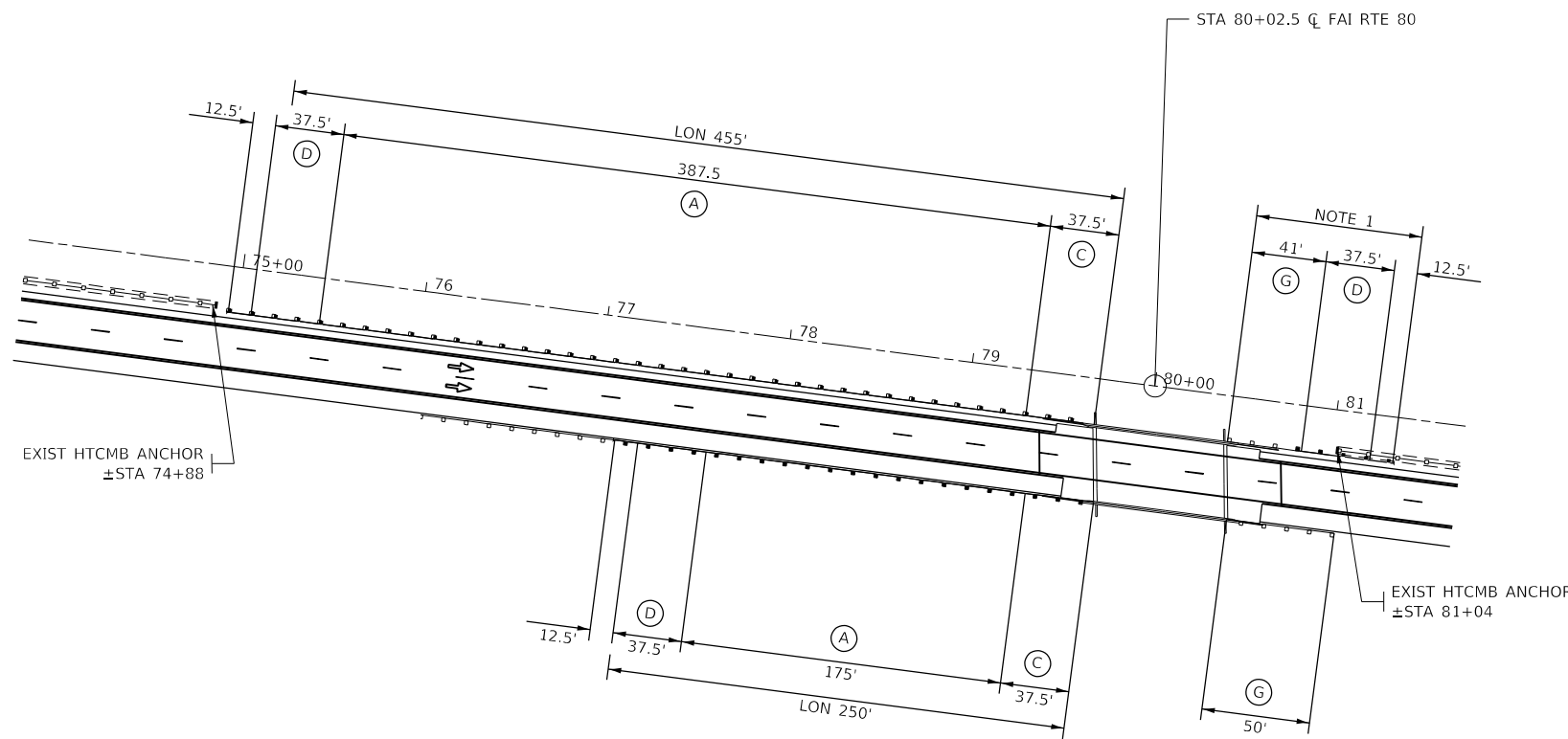
FILE NAME =	USER NAME = Joshua Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS STA. 0+00 TO 70+00</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366J65\CADData\CADsheets\D366J65-01		DRAWN -	REVISED -		80	(06-1,06-2)RS-4, BRR	BUREAU	208	95			
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65							
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS



**SN 006-004 WESTBOUND**



**SN 006-0122 OVERHEAD STRUCTURE**



**SN 006-0003 EAST BOUND**

- (A) SPBGR TY A 6 FT
- (B) SPBGR TY A 9 FT
- (C) TBT TY 6
- (D) TBT TY 1 SPEC TAN
- (E) TBT TY 2
- (F) LONG-SPAN GUARDRAIL 18'-9"
- (G) EXISTING GUARDRAIL TO REMAIN

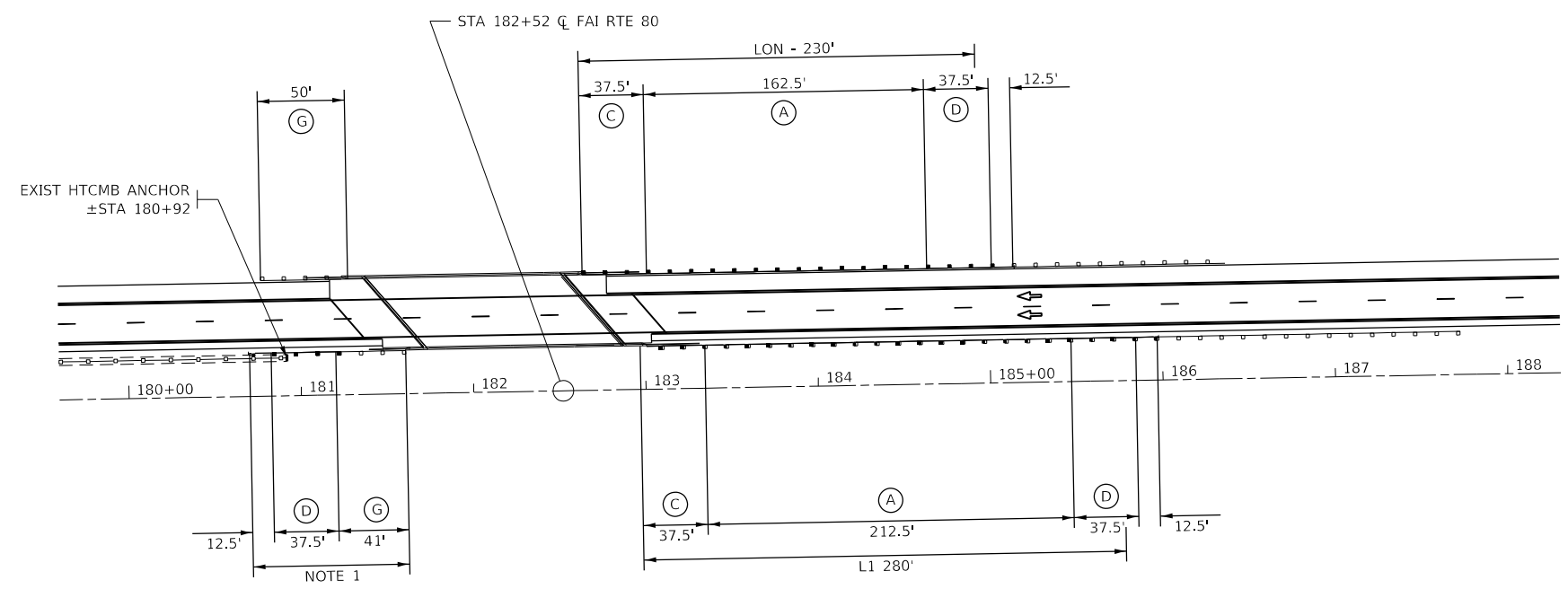
**NOTES**

- 1) GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.
- 2) THE RAIL ELEMENTS OF THE EXISTING GUARDRAIL TO REMAIN WILL BE REMOVED, TEMPORARILY STORED AND REERECTED TO FACILITATE MILLING AND RESURFACING. THIS ACTION SHALL BE PERFORMED ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.

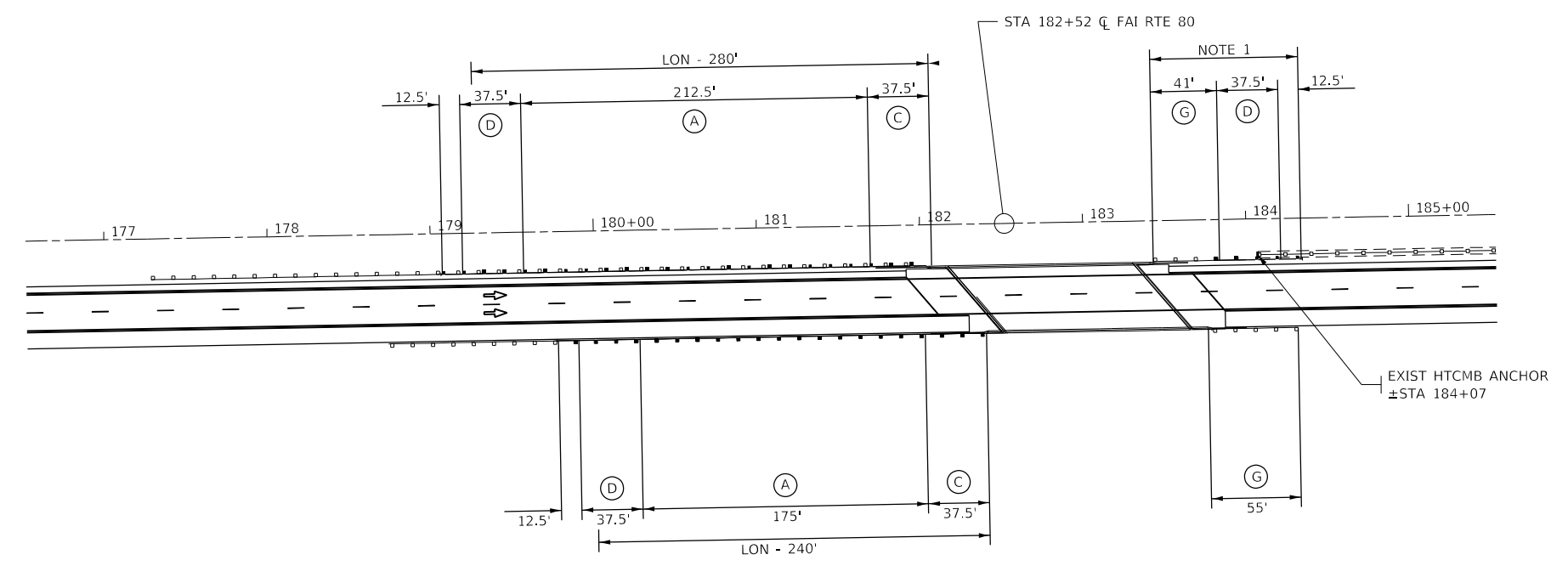


FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS STA. 70+00 TO 170+00</b>	F.A.1	SECTION	COUNTY	TOTAL	SHEET
pw:\llo-pw-ben.fey.com\PWDOT\Documents\IDOT Office\District 3\Projects\D366J65\CADData\CADsheets\D366J65-4	DRAWN -	REVISED -	80			(06-1,06-2)RS-4, BRR	BUREAU	208	96	
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66J65				
	PLOT DATE = 2/2/2023	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.





**SN 006-0006 WEST BOUND**



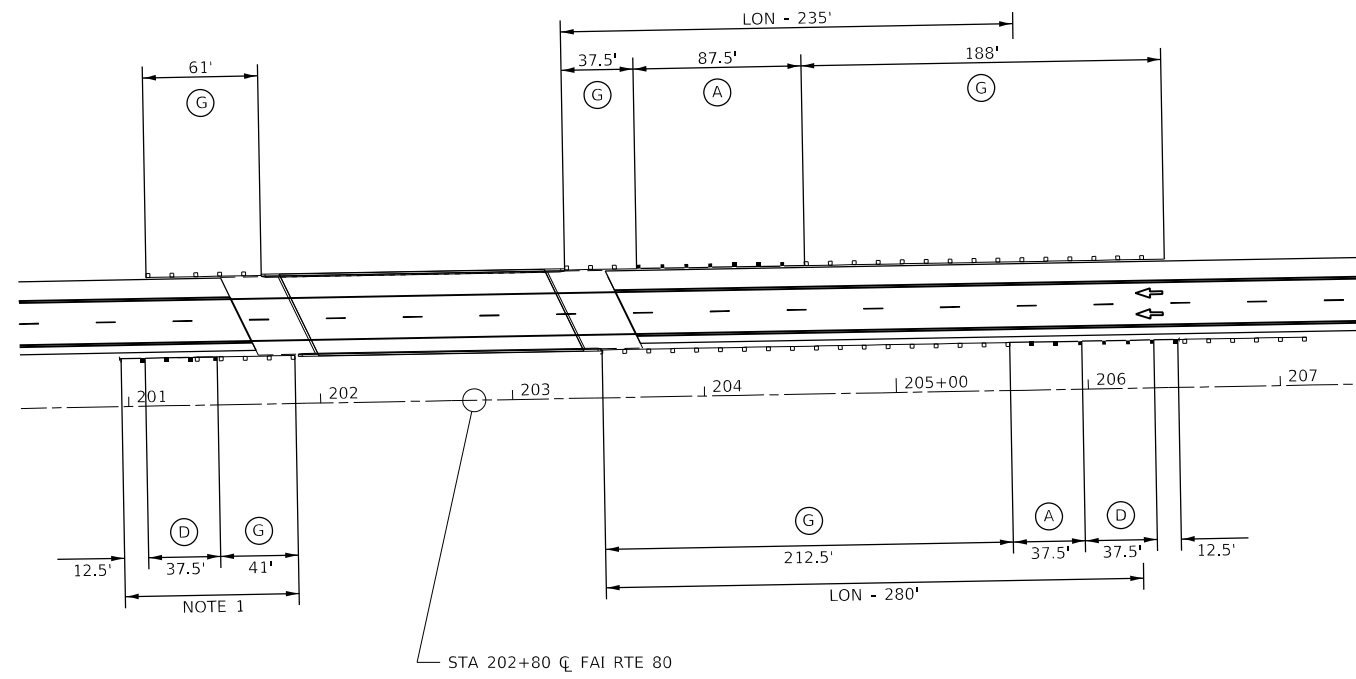
**SN 006-0005 EAST BOUND**

- (A) SPBGR TY A 6 FT
- (B) SPBGR TY A 9 FT
- (C) TBT TY 6
- (D) TBT TY 1 SPEC TAN
- (E) TBT TY 2
- (F) LONG-SPAN GUARDRAIL 18'-9"
- (G) EXISTING GUARDRAIL TO REMAIN

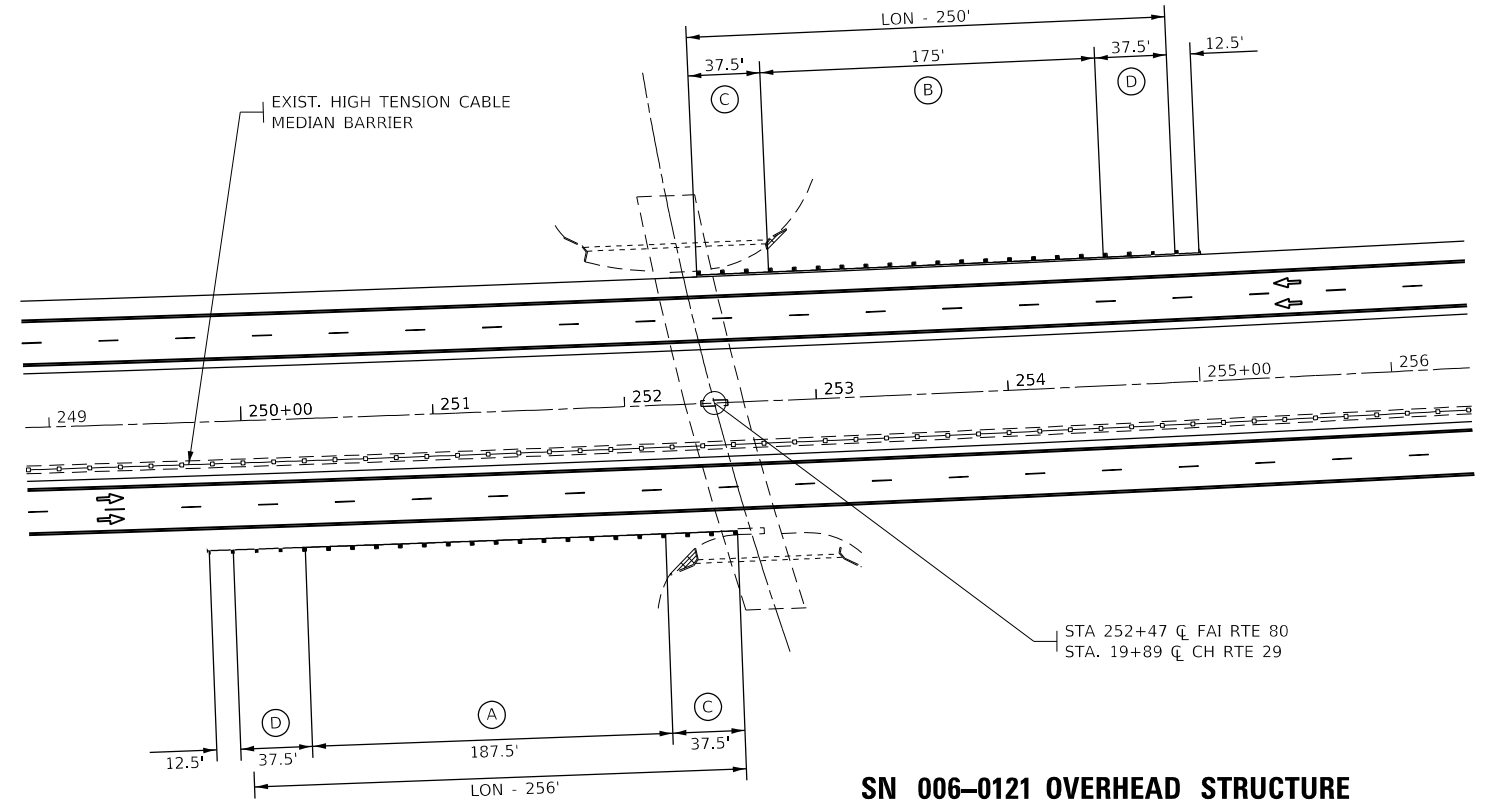
**NOTES**

- 1) GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.
- 2) THE RAIL ELEMENTS OF THE EXISTING GUARDRAIL TO REMAIN WILL BE REMOVED, TEMPORARILY STORED AND REERECTED TO FACILITATE MILLING AND RESURFACING. THIS ACTION SHALL BE PERFORMED ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.

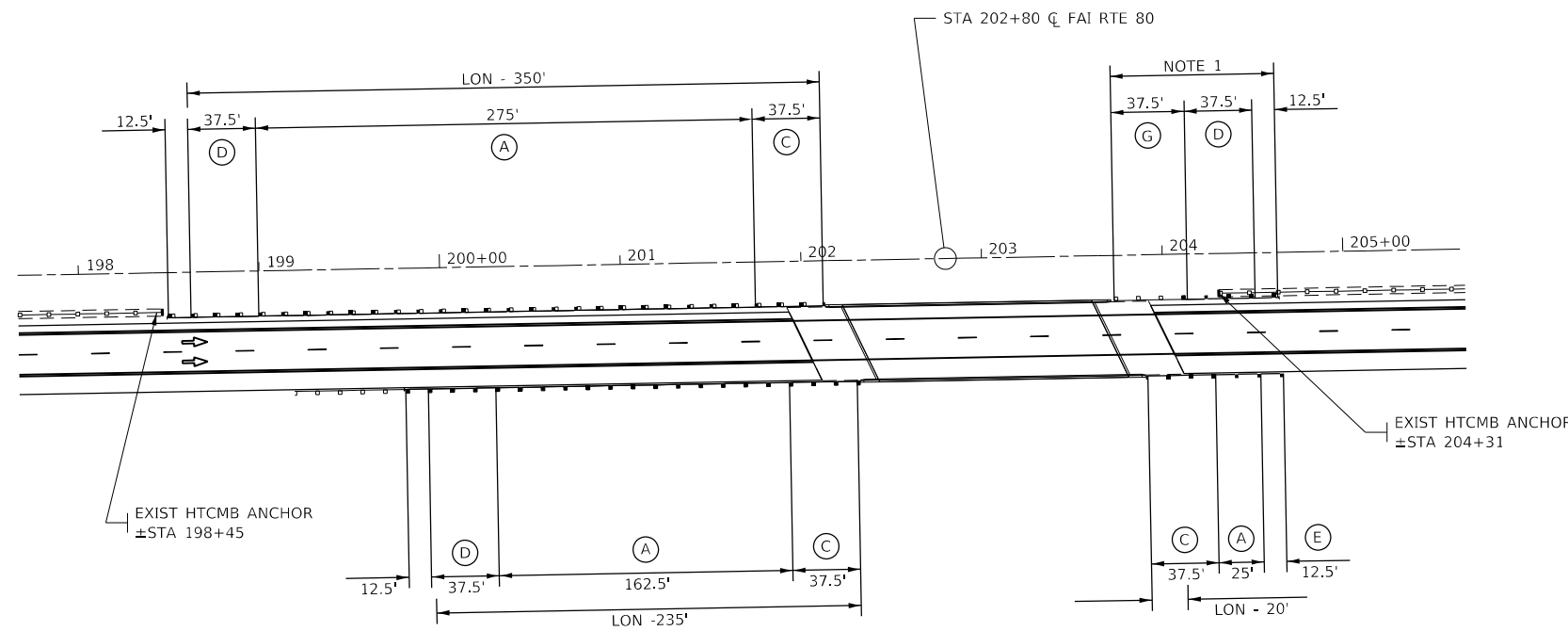
FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS STA. 170+00 TO 190+00</b>			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366J65\CADData\CADsheets\D366J65-97	DRAWN -	REVISED -	80					(06-1,06-2)RS-4, BRR	BUREAU	208	97	
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65							
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS



**SN 006-008 EAST BOUND**



**SN 006-0121 OVERHEAD STRUCTURE**



**SN 006-007 EAST BOUND**

- (A) SPBGR TY A 6 FT
- (B) SPBGR TY A 9 FT
- (C) TBT TY 6
- (D) TBT TY 1 SPEC TAN
- (E) TBT TY 2
- (F) LONG-SPAN GUARDRAIL 18'-9"
- (G) EXISTING GUARDRAIL TO REMAIN

**NOTES**

- 1) GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.
- 2) THE RAIL ELEMENTS OF THE EXISTING GUARDRAIL TO REMAIN WILL BE REMOVED, TEMPORARILY STORED AND REERECTED TO FACILITATE MILLING AND RESURFACING. THIS ACTION SHALL BE PERFORMED ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.



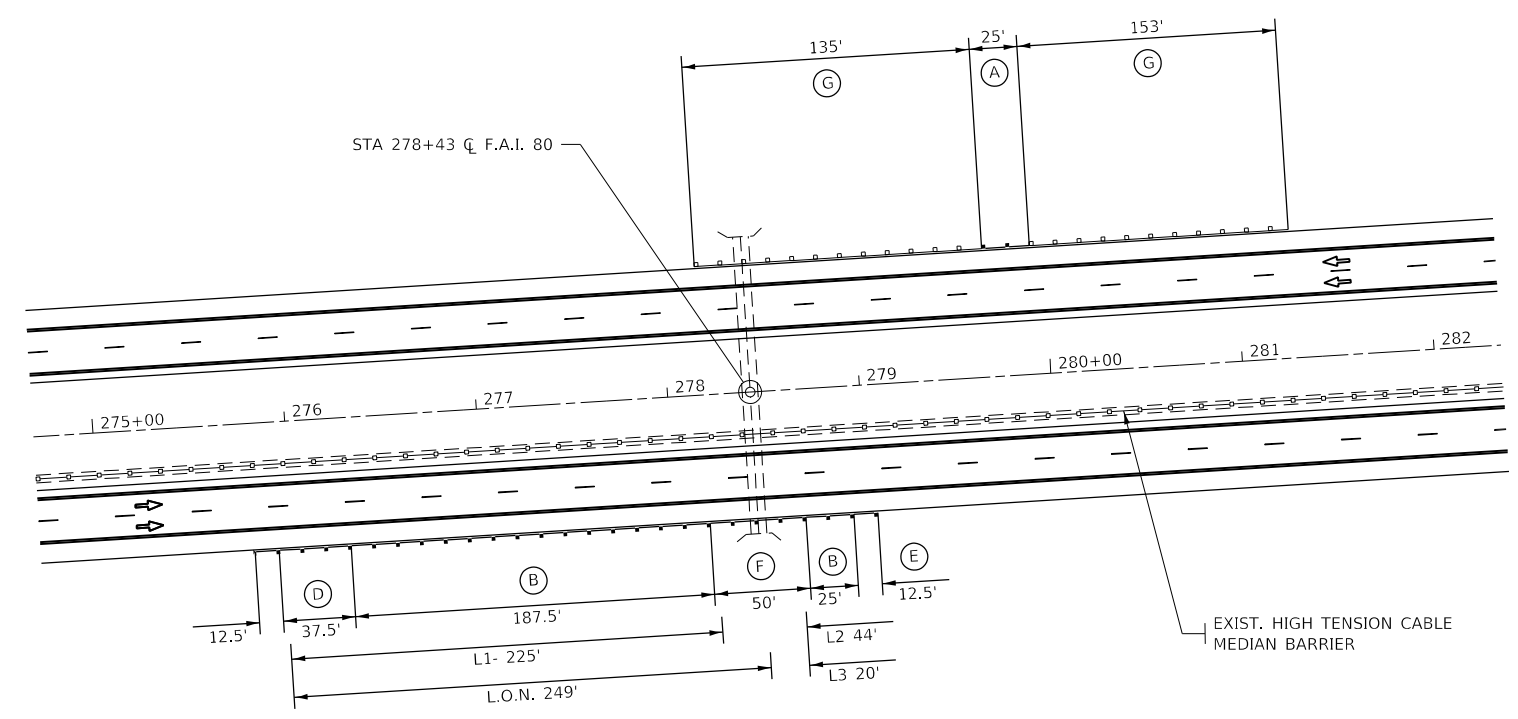
FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS STA. 190+00 TO 270+00</b>			F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	80	(06-1,06-2)RS-4, BRR	BUREAU	208	98
	PLOT SCALE = 100,0000' / in.	DATE -	REVISED -		CONTRACT NO. 66J65										
	PLOT DATE = 2/2/2023				ILLINOIS FED. AID PROJECT										



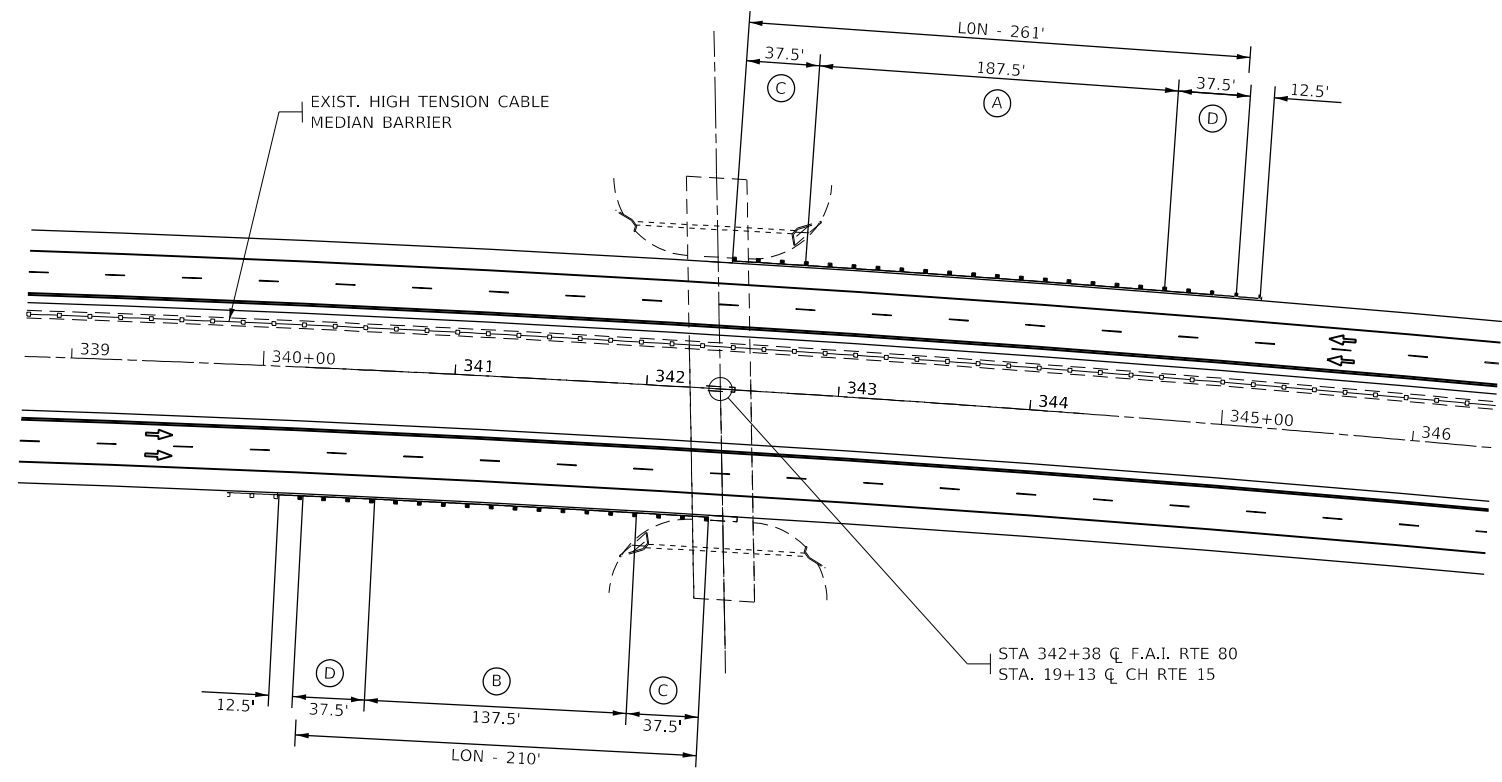
- (A) SPBGR TY A 6 FT
- (B) SPBGR TY A 9 FT
- (C) TBT TY 6
- (D) TBT TY 1 SPEC TAN
- (E) TBT TY 2
- (F) LONG-SPAN GUARDRAIL 18'-9"
- (G) EXISTING GUARDRAIL TO REMAIN

**NOTES**

- 1) GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.
- 2) THE RAIL ELEMENTS OF THE EXISTING GUARDRAIL TO REMAIN WILL BE REMOVED, TEMPORARILY STORED AND REERECTED TO FACILITATE MILLING AND RESURFACING. THIS ACTION SHALL BE PERFORMED ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.



**OBJ ID 3041 EAST BOUND**



**SN 006-0117 OVERHEAD STRUCTURE**

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS STA. 270+00 TO 370+00</b>			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWDOT\Documents\IDOT Office\District 3\Projects\I366J65\CADData\CADsheets\I366J65-4		DRAWN -	REVISED -		80	(06-1,06-2)RS-4, BRR	BUREAU	208	99			
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65							
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS

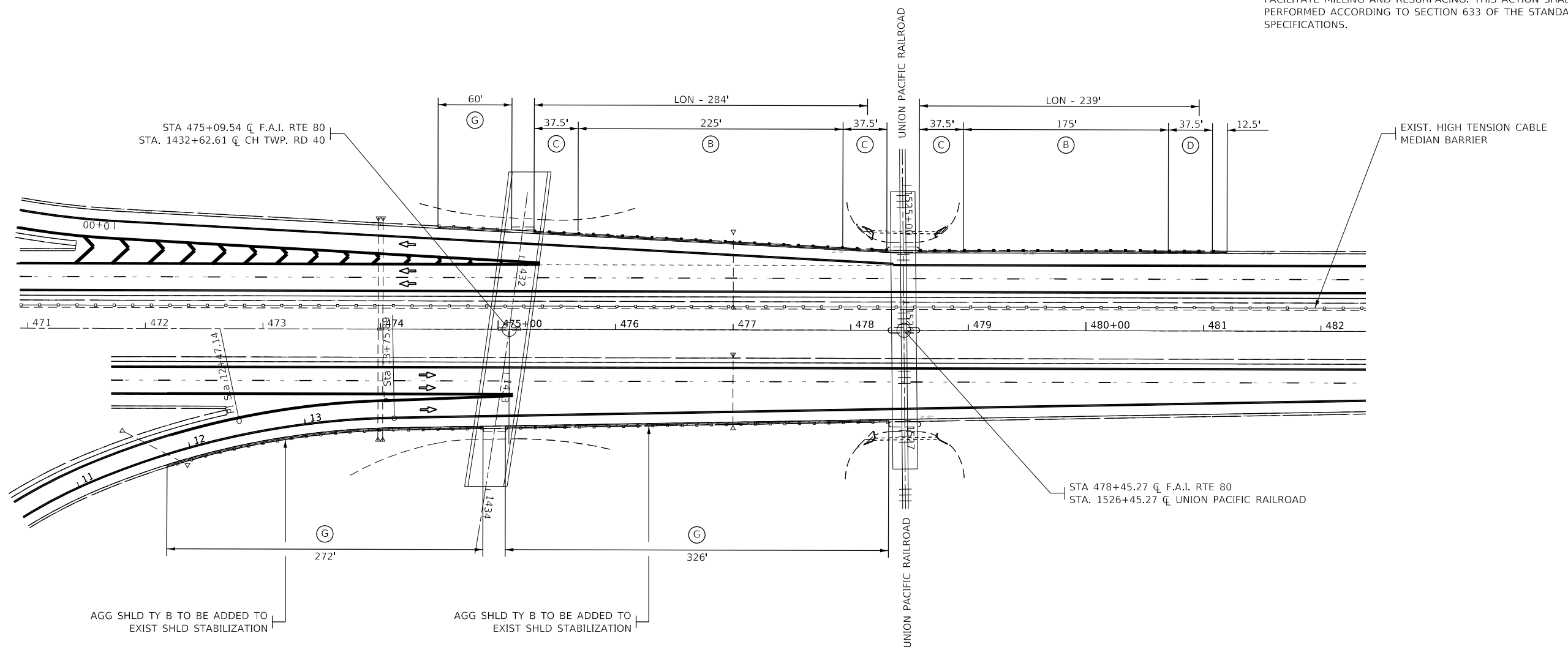


- (A) SPBGR TY A 6 FT
- (B) SPBGR TY A 9 FT
- (C) TBT TY 6
- (D) TBT TY 1 SPEC TAN
- (E) TBT TY 2
- (F) LONG-SPAN GUARDRAIL 18'-9"
- (G) EXISTING GUARDRAIL TO REMAIN



**NOTES**

- 1) GUARDRAIL AND ASSOCIATED WORK, AT THESE LOCATIONS, TO BE COMPLETED BEFORE TRAFFIC IS DIRECTED TO THE APPROPRIATE LANES FOR STAGED CONSTRUCTION.
- 2) THE RAIL ELEMENTS OF THE EXISTING GUARDRAIL TO REMAIN WILL BE REMOVED, TEMPORARILY STORED AND REERECTED TO FACILITATE MILLING AND RESURFACING. THIS ACTION SHALL BE PERFORMED ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.

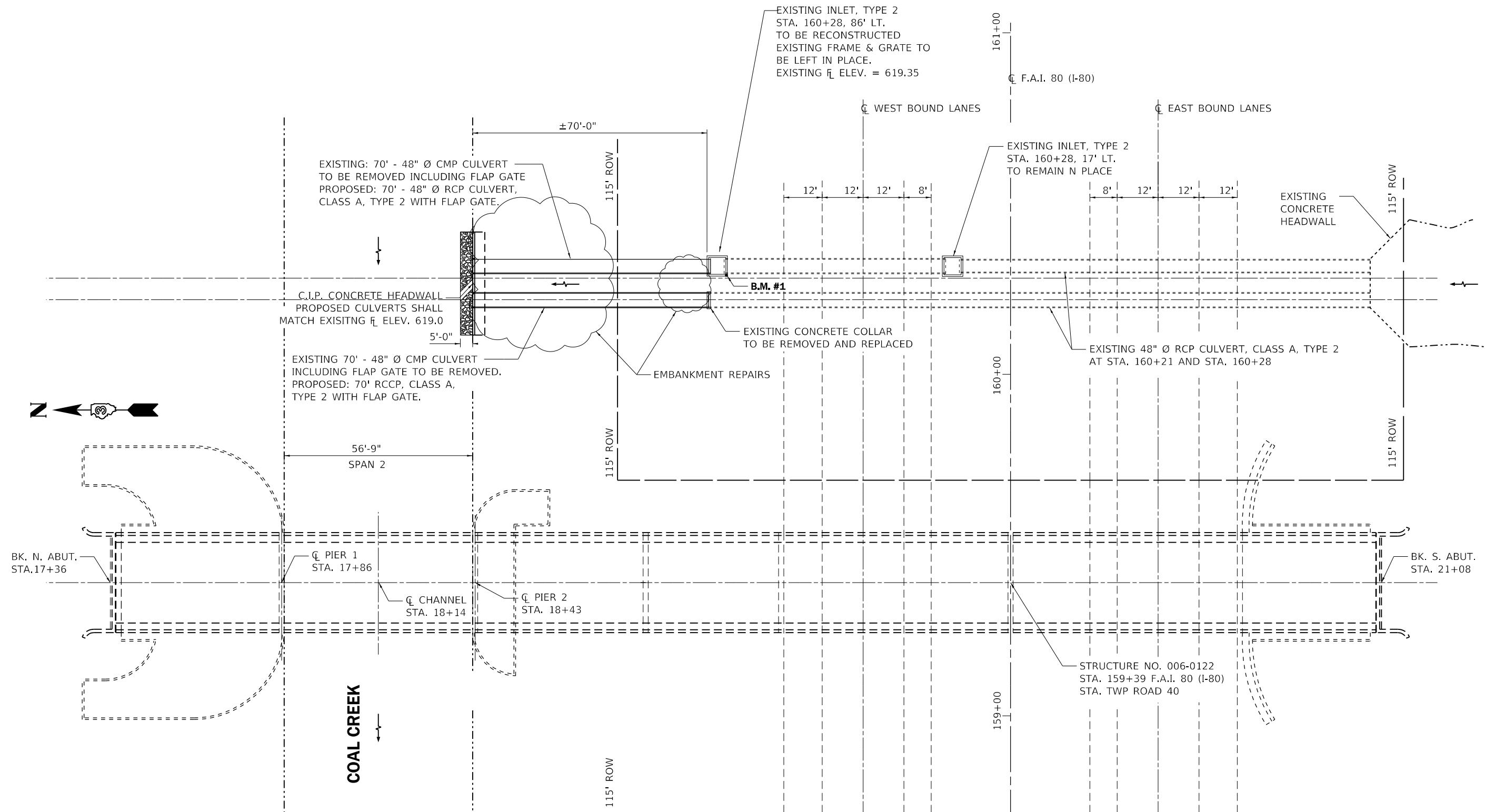


**SN 006-0089 OVERHEAD STRUCTURE**

**SN 006-0013 OVERHEAD STRUCTURE**

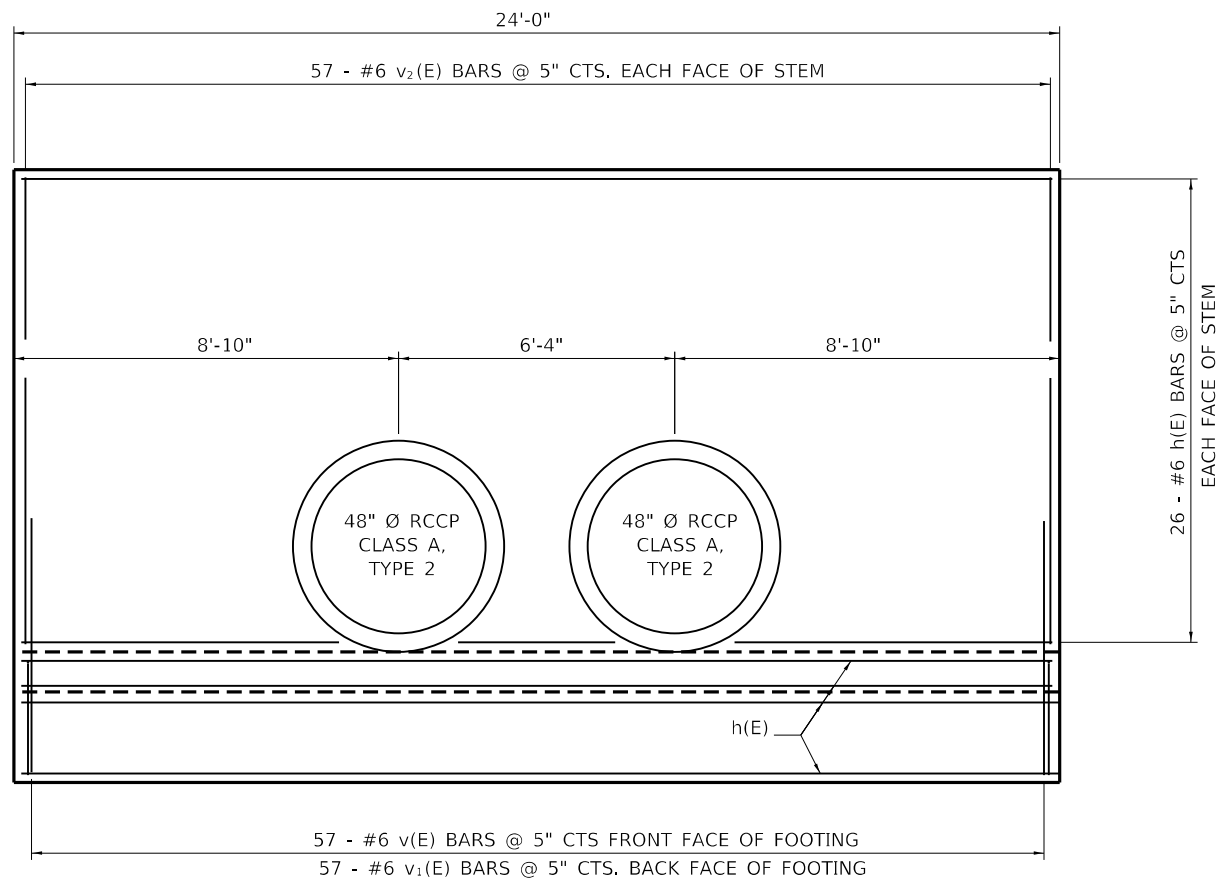
FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAILS STA. 470+00 TO 503+00</b>				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		80	(06-1,06-2)RS-4, BRR	BUREAU	208	101				
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65								
Default	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT

BM #1 CHISLED "x" IN TOP OF INLET. ELEV. 624.78

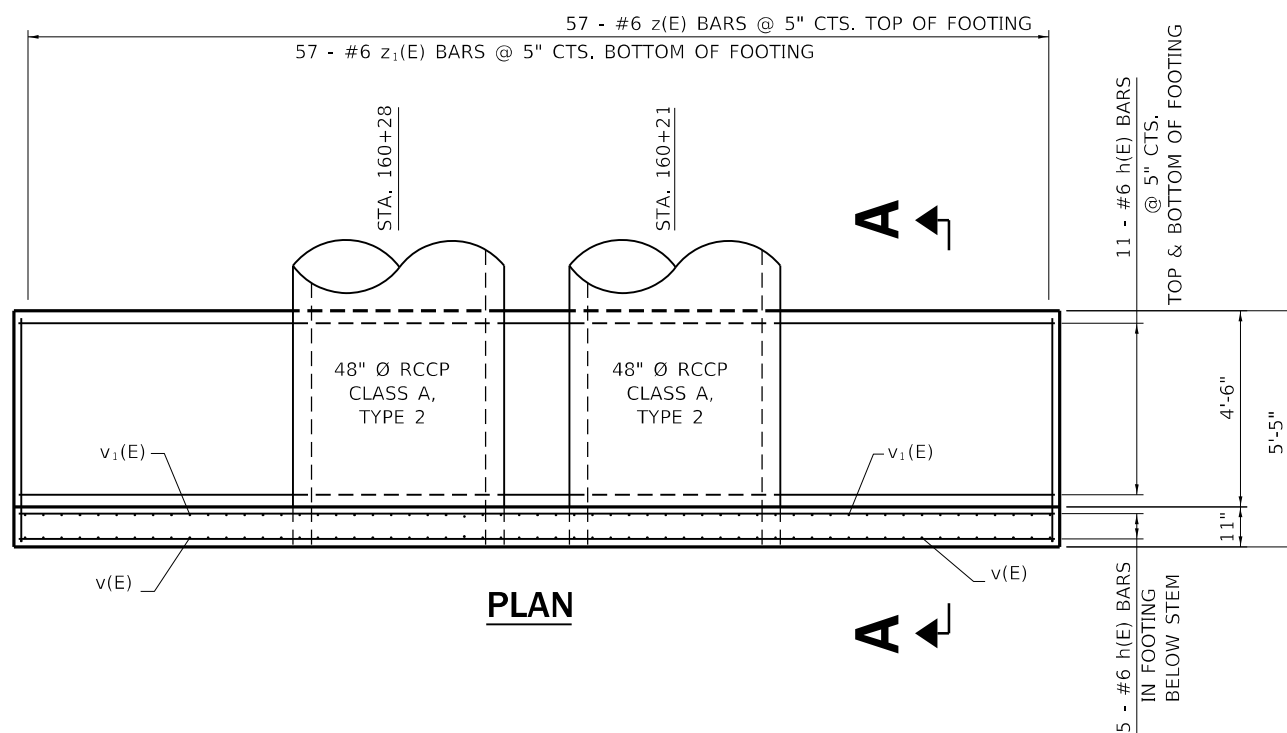


PLAN

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED - RW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COAL CREEK EMBANKMENT REPAIR PLAN DETAIL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366J65\CADData\CADsheets\I366J65-01.dwg	DRAWN - RW	REVISIONS -	80					(06-1,06-2)RS-4,BRR	BUREAU	208	102	
Default	PLOT SCALE = 100,0000' / in.	CHECKED - 5/3/2021	REVISED -		CONTRACT NO. 66J65							
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		

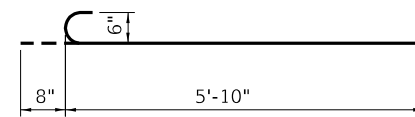


**ELEVATION**

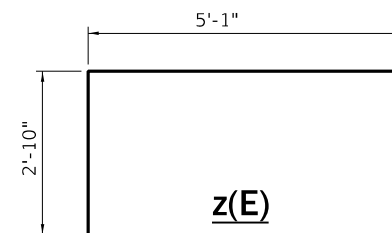


**PLAN**

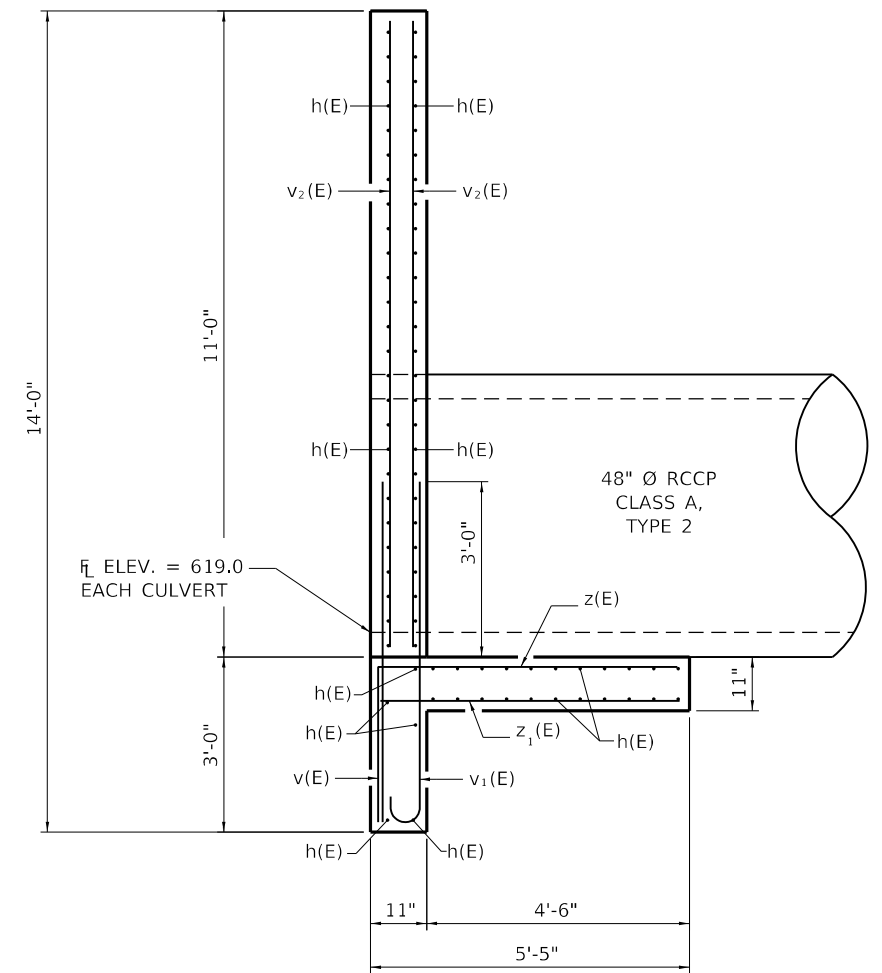
NOTE: h(E) AND v<sub>2</sub>(E) BARS SHALL BE ORDERED FULL LENGTH AND CUT TO FIT PIPES



**v(E)**



**z(E)**



**SECTION A-A**

**HEADWALL  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	79	#6	23'-8"	—
v(E)	57	#6	5'-10"	—
v1(E)	57	#6	6'-6"	C
v2(E)	57	#6	10'-9"	—
z(E)	57	#6	7'-9"	—
z1(E)	57	#6	5'-1"	—
REINFORCEMENT BARS, EPOXY COATED CONCRETE			LBS.	5890
BOX CULVERT			CU. YDS.	15.6

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED - RW	REVISED -
pw:\ltd\pw_ben\ey.com\PW\DOT\Documents\IDOT Office\District 3\Projects\ID366J65\CADData\CADsheets\ID366J65-3.dwg	DRAWN - RW	CHECKED - 5/3/2021	REVISED -
Default	PLOT SCALE = 100,0000 / in.	DATE -	REVISED -
	PLOT DATE = 2/2/2023		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

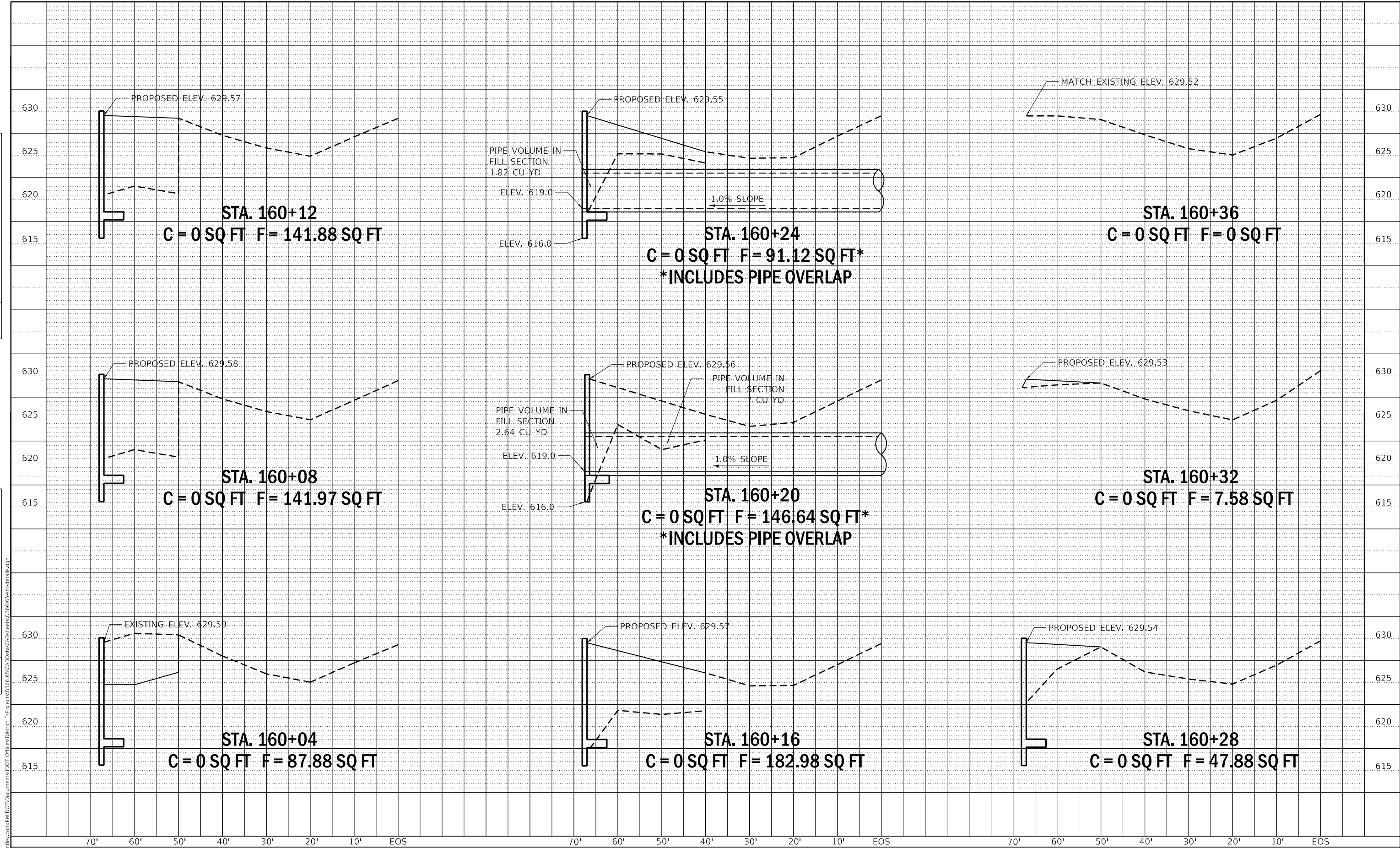
**COAL CREEK EMBANKMENT REPAIR  
HEADWALL DETAIL**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4,BRR	BUREAU	208	103
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADE CHECKED		
	STRUCTURE NOTATION CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



MODEL: Default  
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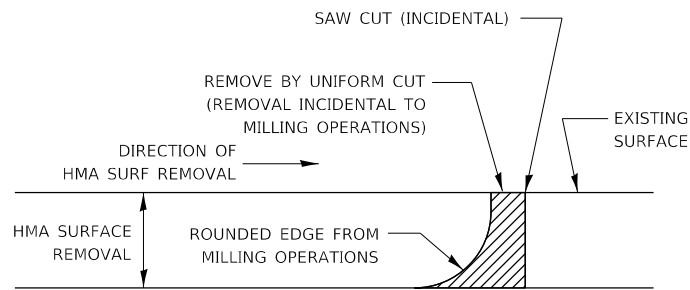
USER NAME = Joshua.Ferguson	DESIGNED - RW	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - RW	REVISED -
PLOT DATE = 2/2/2023	CHECKED - YP	REVISED -
	DATE - 5/3/2021	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>COAL CREEK EMBANKMENT REPAIR</b>	
<b>CROSS SECTIONS</b>	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

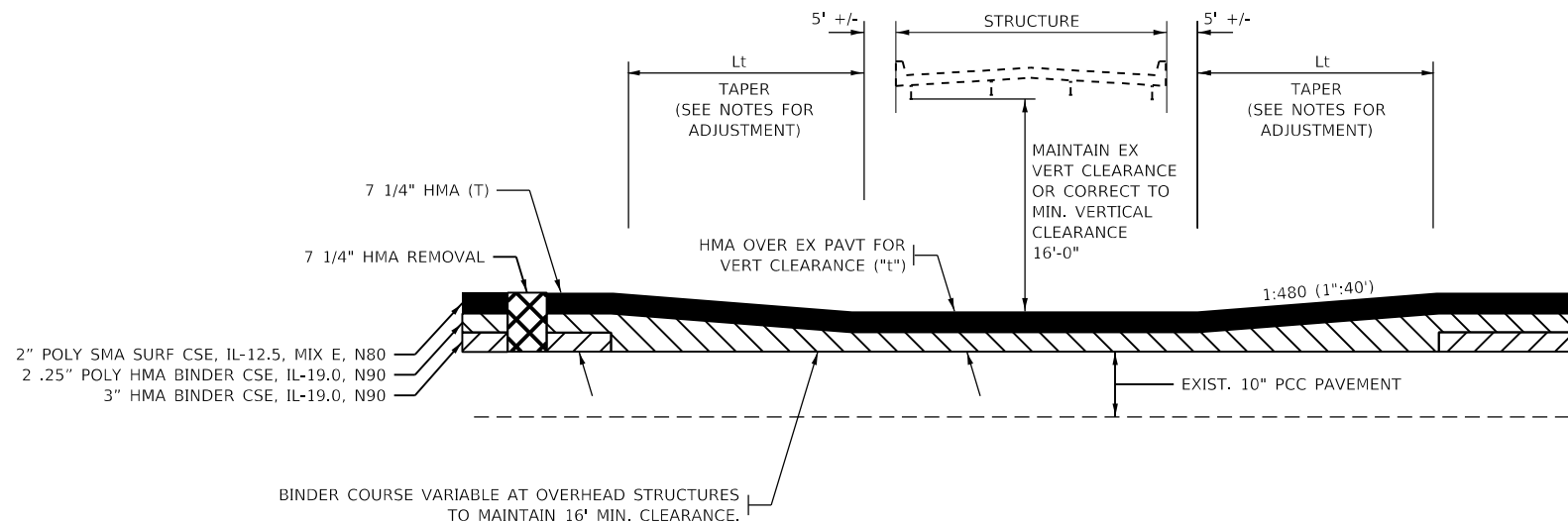
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1.06-2)RS-4,BRR	BUREAU	208	104
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				





NOTE:  
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

### HMA DETAIL AT BUTT JOINTS



### PR HMA TAPER DETAIL UNDER STRUCTURES

TO BE USED WHERE FIELD CONDITIONS JUSTIFY THE USE OF HMA TAPERS TO MAINTAIN OR IMPROVE VERTICAL CLEARANCE UNDER OVERHEAD STRUCTURES

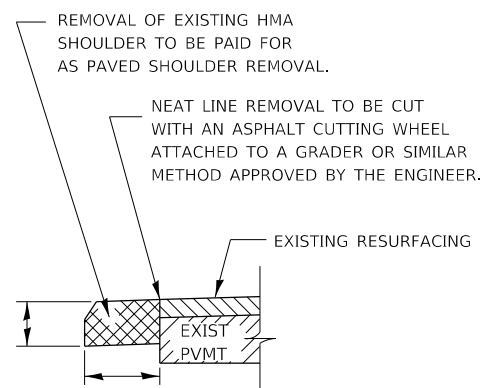
$$["T" - "t"] \times 40 \text{ ft/in} = Lt$$

T = Prop HMA thickness

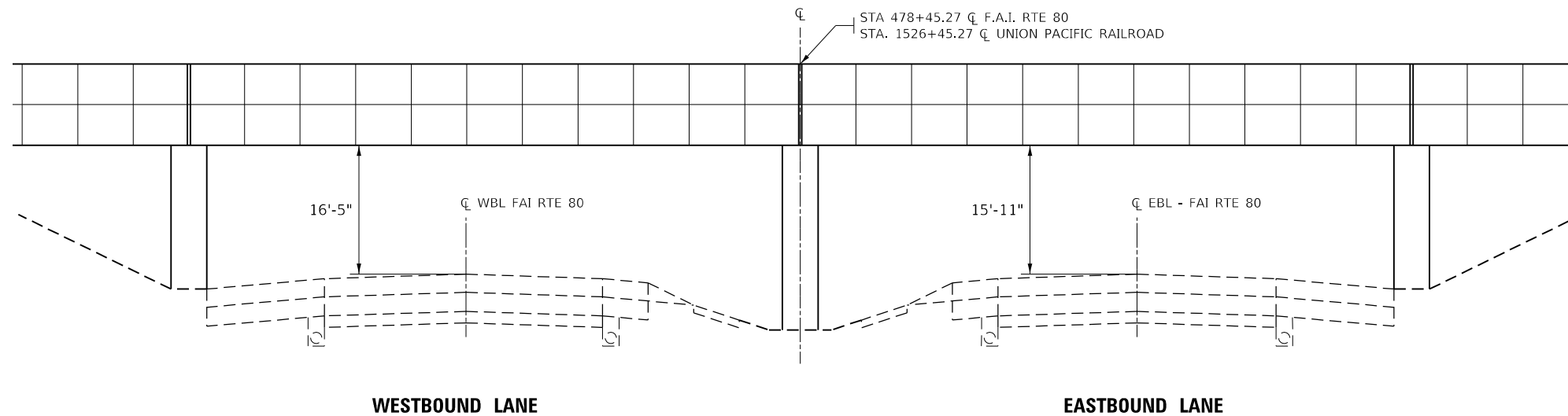
t = Required thickness of HMA overlay to maintain min vertical clearance

Lt = Length of HMA taper

- STRUCTURE O-O  
SN 006-0115 32'-0"  
SN 006-0122 29'-8"  
SN 006-0121  
SN 006-0117 31'-0"  
SN 006-0089 35'-8"  
SN 006-0013 (18'-6" C-C GIRDERS)



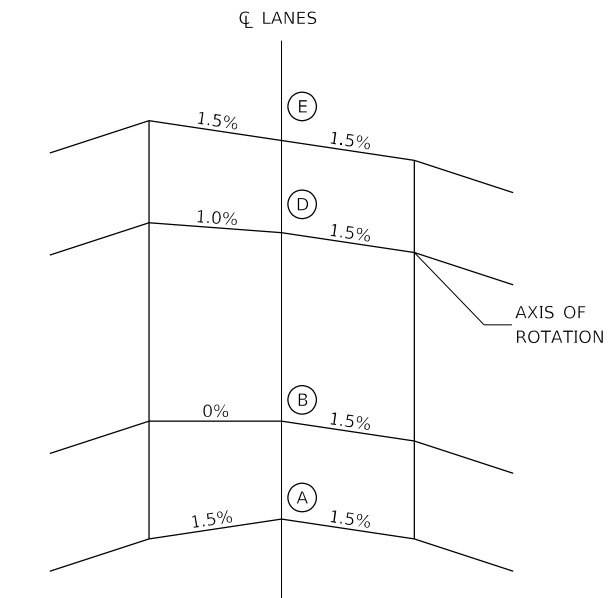
### REMOVAL OF EXISTING HMA SHOULDER



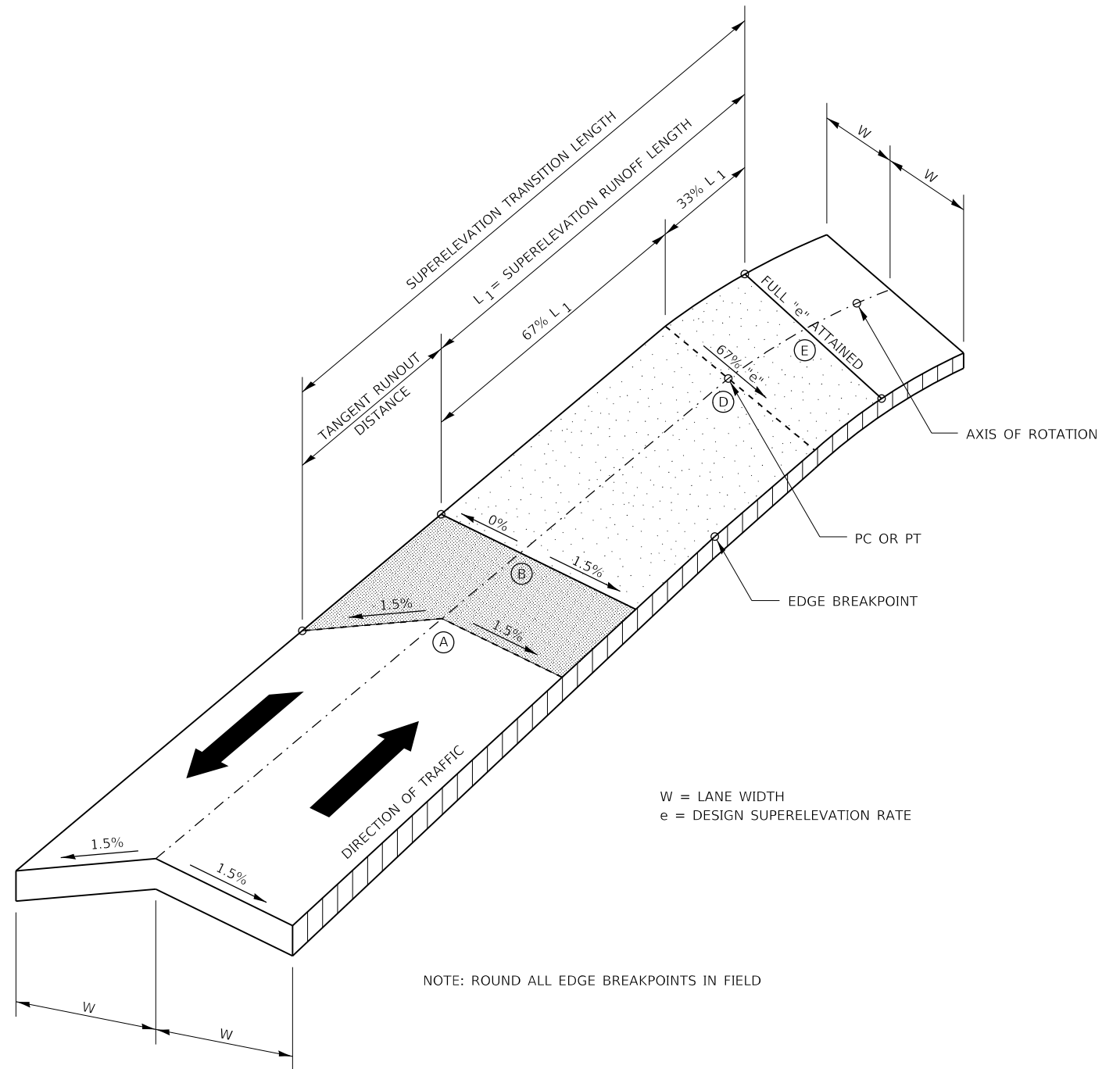
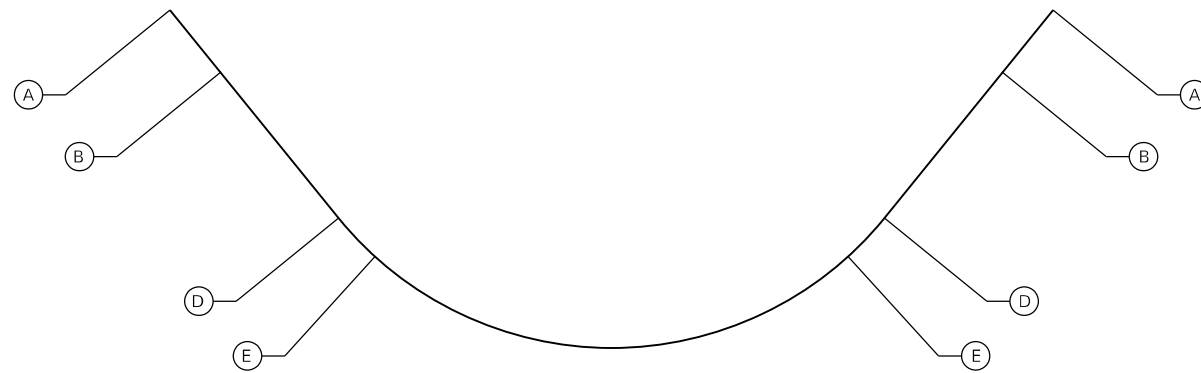
### EXISTING & PROPOSED VERTICAL CLEARANCES SN 006-0013 UNION PACIFIC RAILROAD

NOTE:  
RESIDENT ENGINEER AND CONTRACTOR ARE TO MEASURE/VERIFY EXISTING VERTICAL CLEARANCES OF 16'-5" AT THE WEST BOUND LANE AND 15'-11" AT THE EAST BOUND LANE OF SN 006-0013. THESE VERTICAL CLEARANCES ARE TO BE MAINTAINED OR CORRECTED TO CONFORM TO A MINIMUM VERTICAL CLEARANCE OF 16'-0".

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TAPER AT OVERHEAD STRUCTURES VERTICAL CLEARANCE DETAILS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWDOT\Documents\IDOT Office\District 3\Projects\0366J65\CADData\CADsheets\0366J65-4		DRAWN -	REVISED -		80	(06-1,06-2)RS-4, BRR	BUREAU	208	105				
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65								
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT



**CROSS SECTIONS  
SUPERELEVATION DEVELOPMENT  
FOR CURVE AT STA**



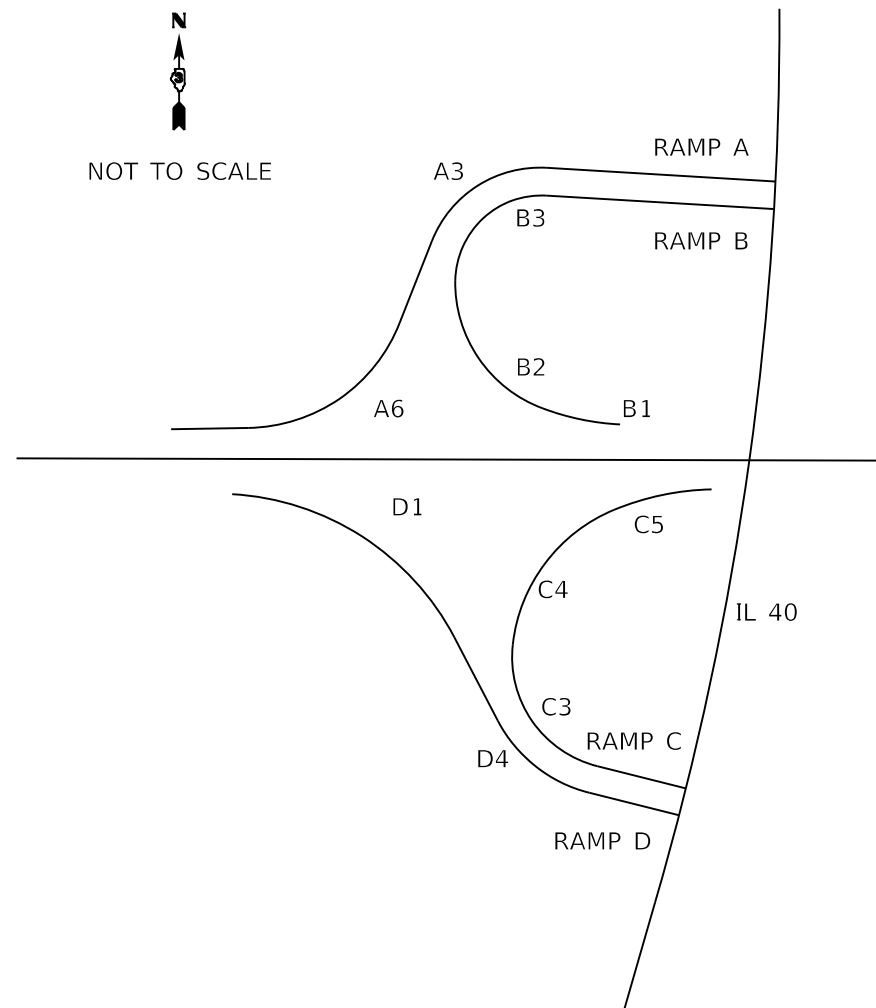
W = LANE WIDTH  
e = DESIGN SUPERELEVATION RATE

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

**TRANSITION CURVE TABLE**

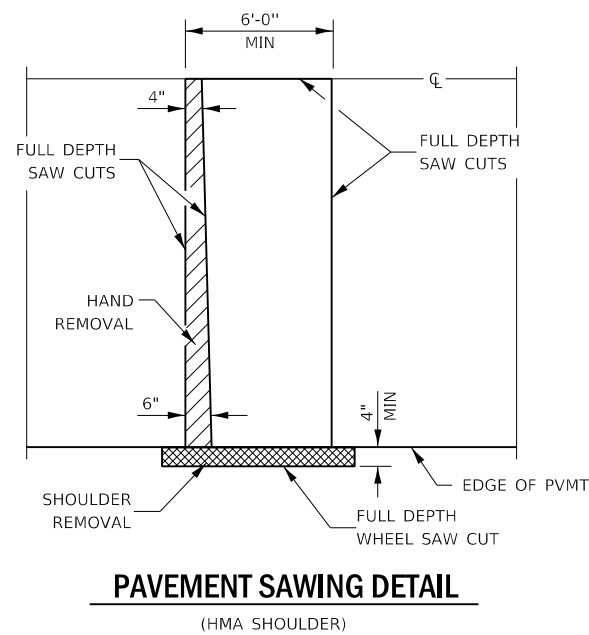
CURVE PI STA.	SUPERELEVATION "e"	W	SUPERELEVATION RUNOFF LENGTH	TANGENT RUNOUT DISTANCE	SUPERELEVATION TRANSITION LENGTH	A1	B1	D1	E1	E2	D2	B2	A2
386+45.58	1.5%	12'	68'	68'	136'	STA 371+88	STA 372+56	STA 373+02	STA 373+24	STA 399+19	STA 399+42	STA 399+87	STA 400+55
422+77.92	1.5%	12'	68'	68'	136'	STA 409+60	STA 410+28	STA 410+74	STA 410+96	STA 434+51	STA 434+74	STA 435+19	STA 435+87
496+87.16	1.5%	12'	68'	68'	136'	STA 483+20	STA 483+88	STA 484+34	STA 484+56	STA 508+79	STA 509+01	STA 509+47	STA 510+15

**SUPERELEVATION TRANSITION**

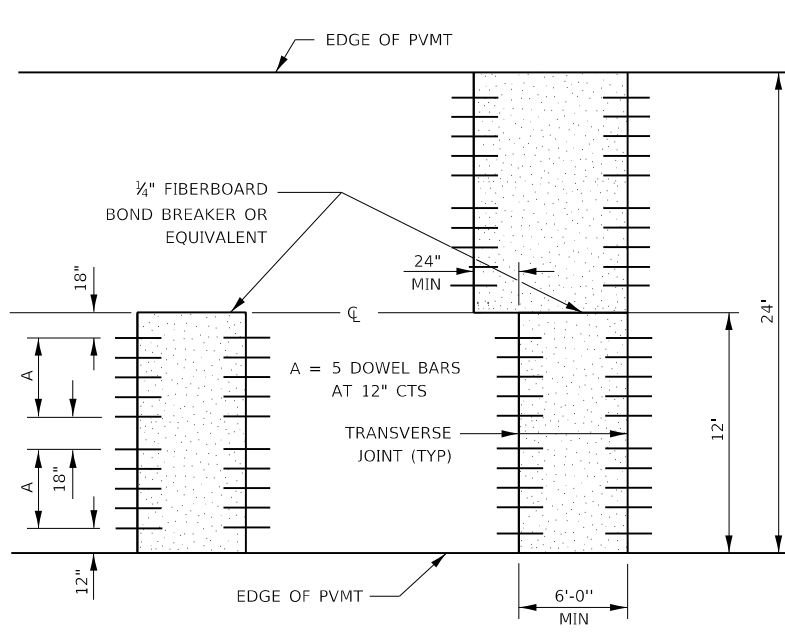


**TRANSITION CURVE TABLE**

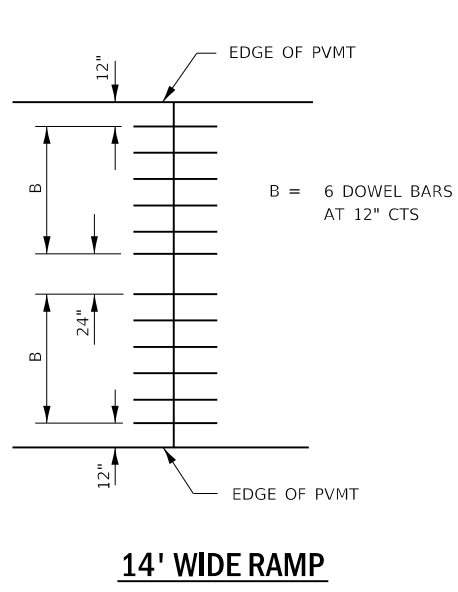
CURVE	CURVE PI STA.	SUPERELEVATION "e"	W	SUPERELEVATION RUNOFF LENGTH	BEGIN SUPERELEVATION	SUPERELEVATION ATTAINED	REMOVE SUPERELEVATION	SUPERELEVATION REMOVED
A3	8+14.54	8%	16'	220'	STA 4+49	STA 6+69	STA 9+01	STA 10+88
A6	14+90.63	8%	16'	235'	STA 10+88	STA 12+80	STA 18+67	STA 16+32
B1	1+03.79	8%	16'	255'	STA 471+75	STA 0+85		
B2	4+53.66	8%	16'					
B3	8+69.81	8%	16'	195'			STA 9+33	STA 11+28
C3	4+92.17	8%	16'	151'	STA 1+90	STA 3+41		
C4	9+10.36	8%	16'					
C5	12+47.14	8%	16'	255'			STA 12+91	STA 475+82
D1	3+94.51	8%	16'	255'	STA 459+91	STA 0+85	STA 6+33	STA 8+54
D4	11+27.72	8%	16'	205'	STA 8+54	STA 10+75	STA 11+85	STA 13+90



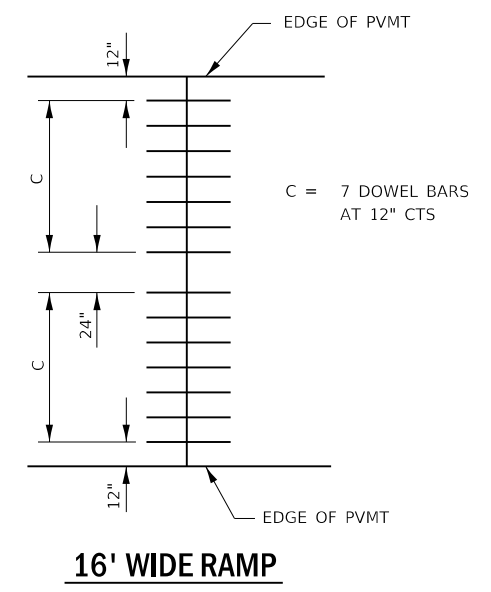
**PAVEMENT SAWING DETAIL**  
(HMA SHOULDER)



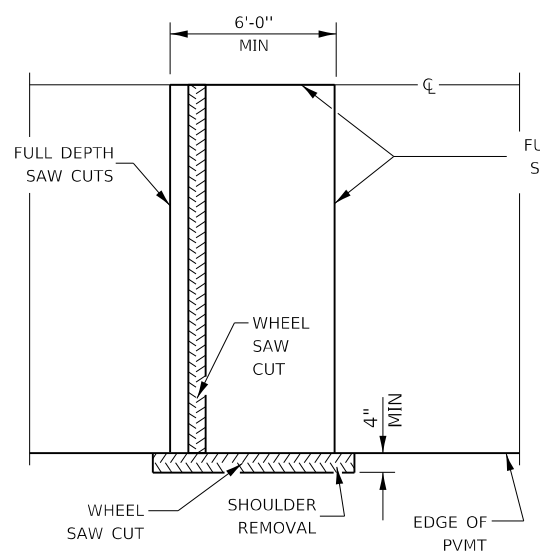
**12' WIDE LANES**



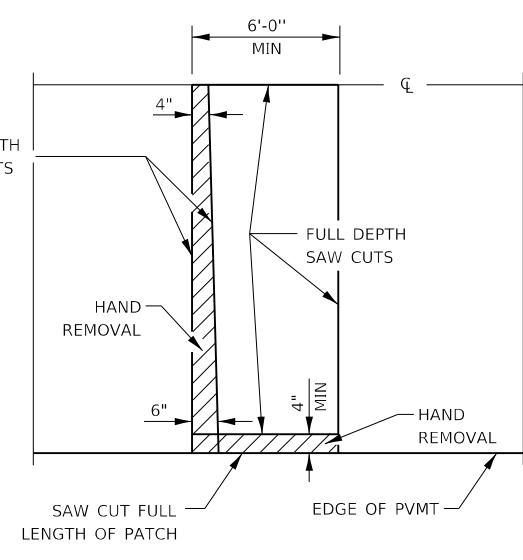
**14' WIDE RAMP**



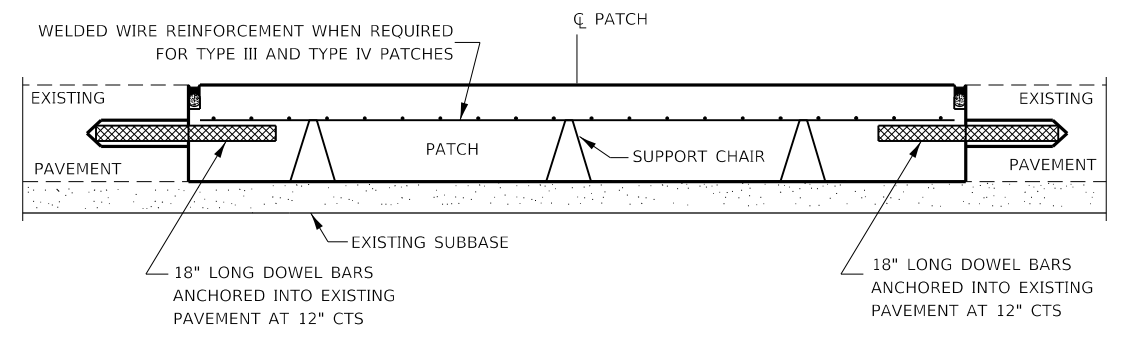
**16' WIDE RAMP**



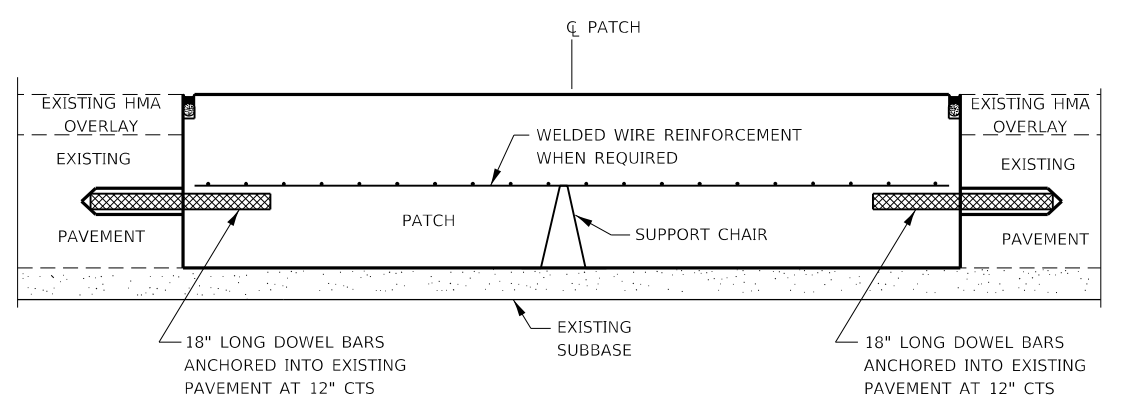
**ALTERNATE SAWING DETAIL**  
(HMA SHOULDER)



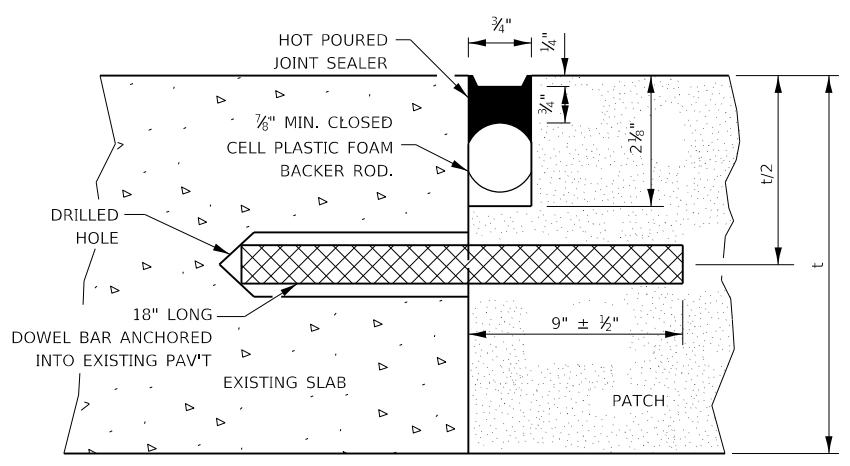
**PAVEMENT SAWING DETAIL**  
(PCC SHOULDER)



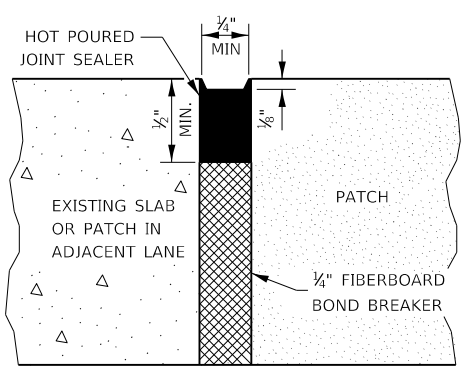
**PATCHING WITHOUT HMA OVERLAY**



**PATCHING WITH HMA OVERLAY**



**TRANSVERSE JOINT**

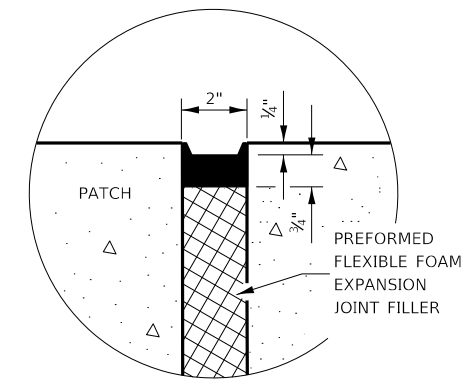
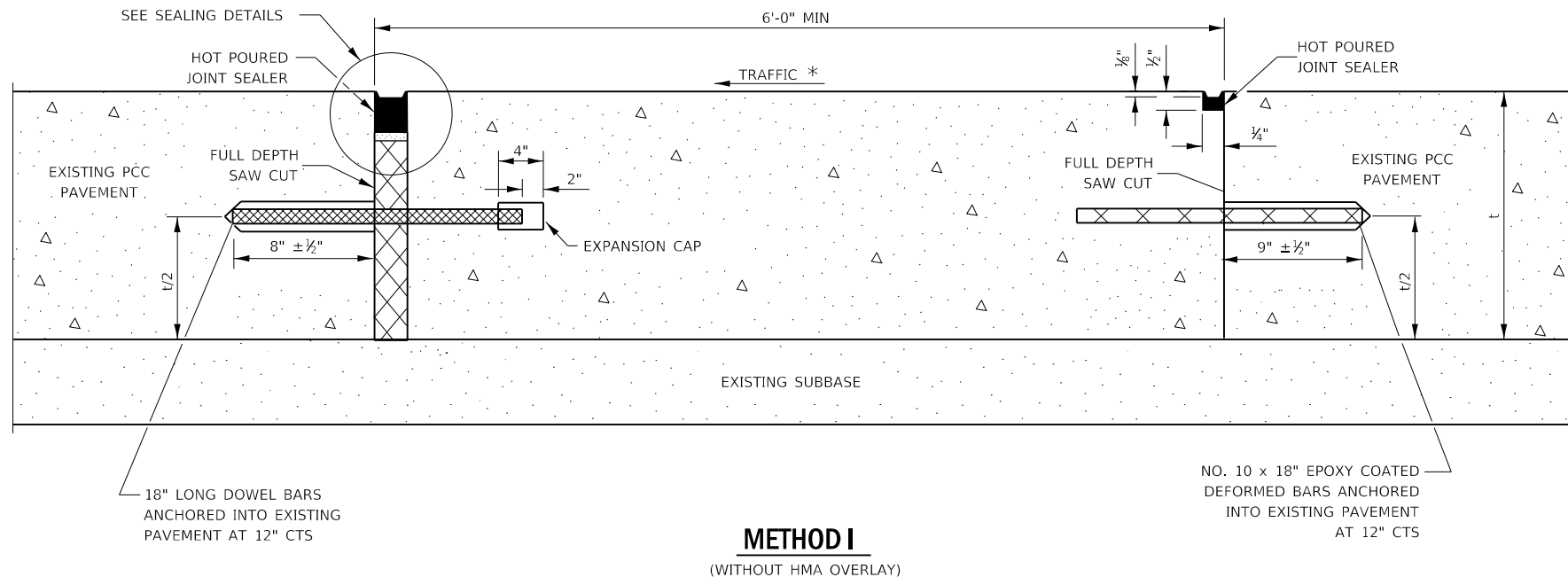


**CENTERLINE JOINT**

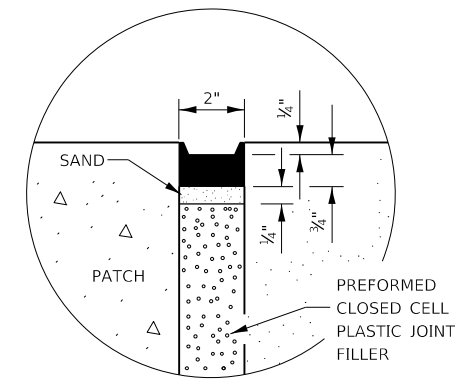
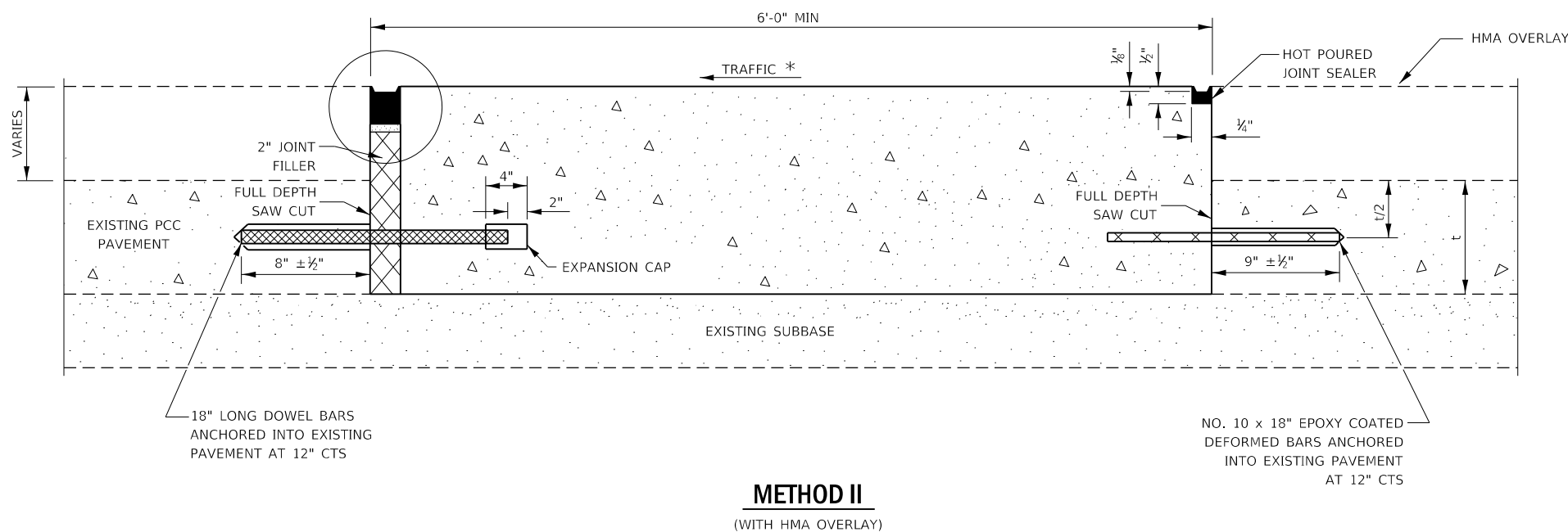
DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 3/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

**GENERAL NOTES**

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.  
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.



**SEALING DETAIL**

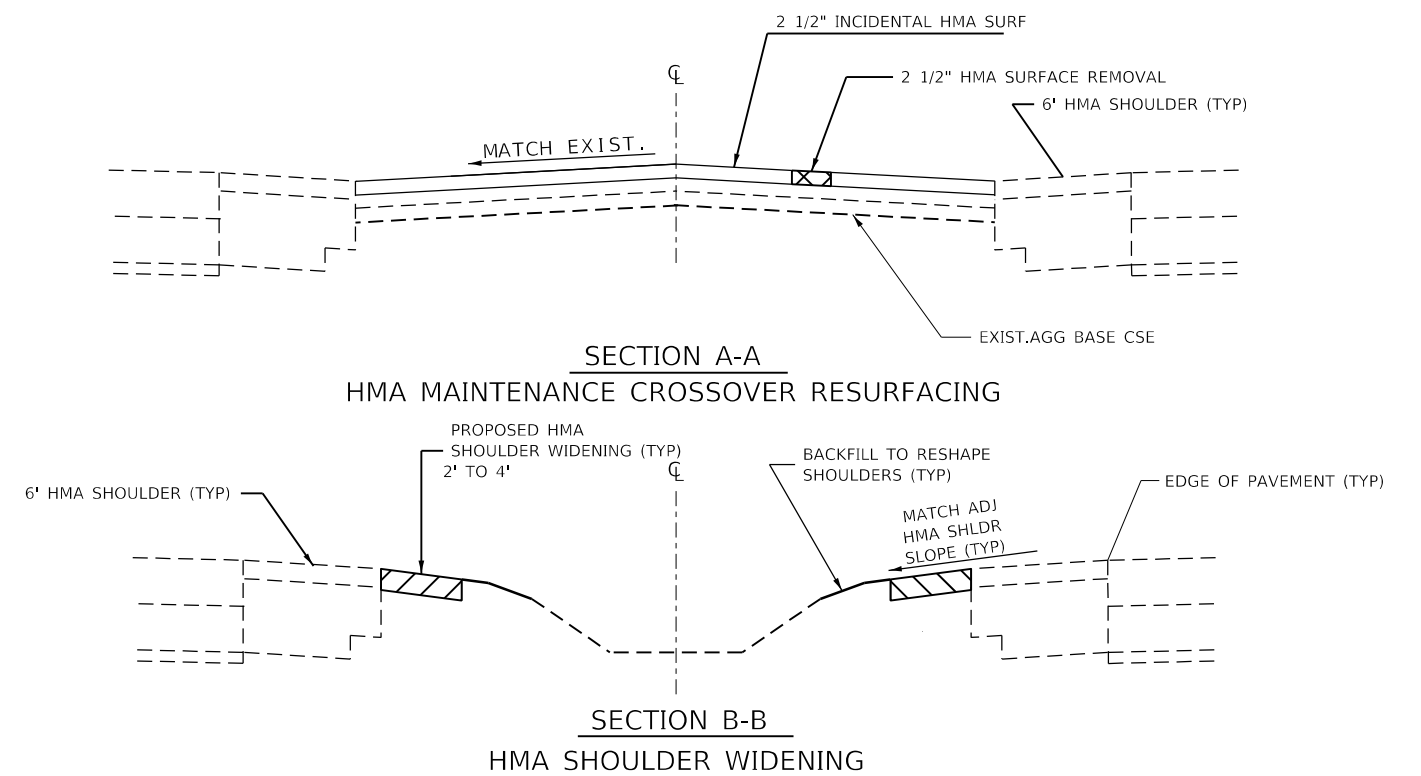
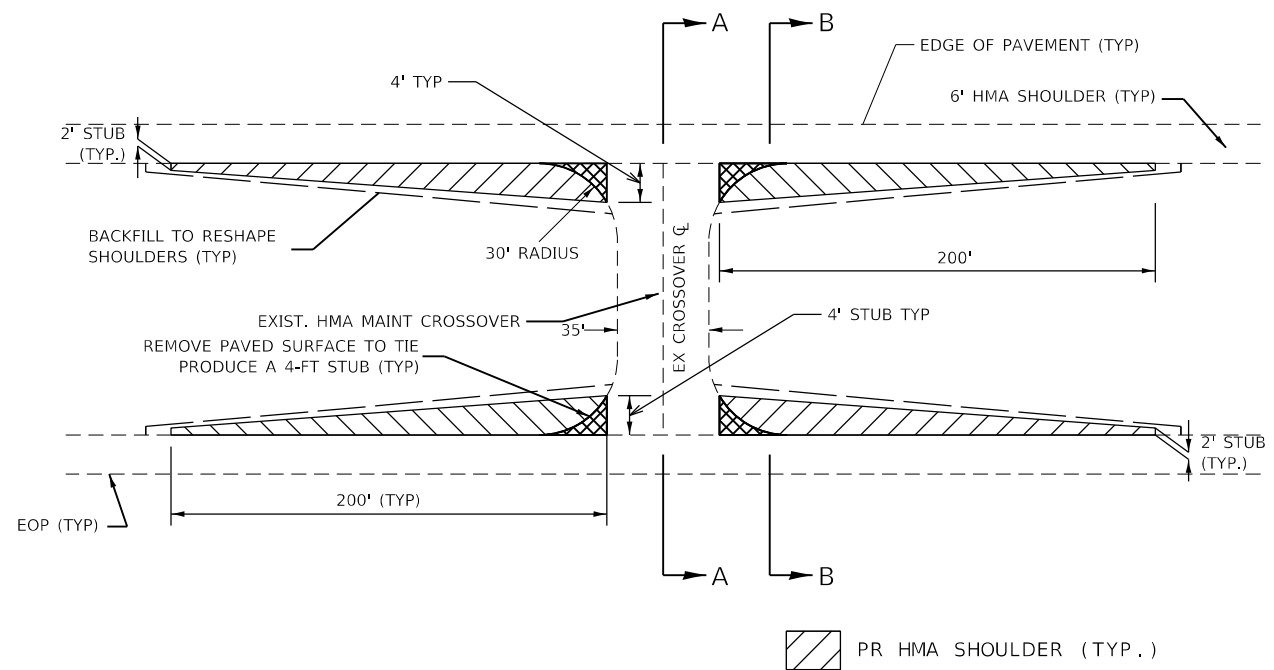


**SEALING DETAIL**

**NOTE**

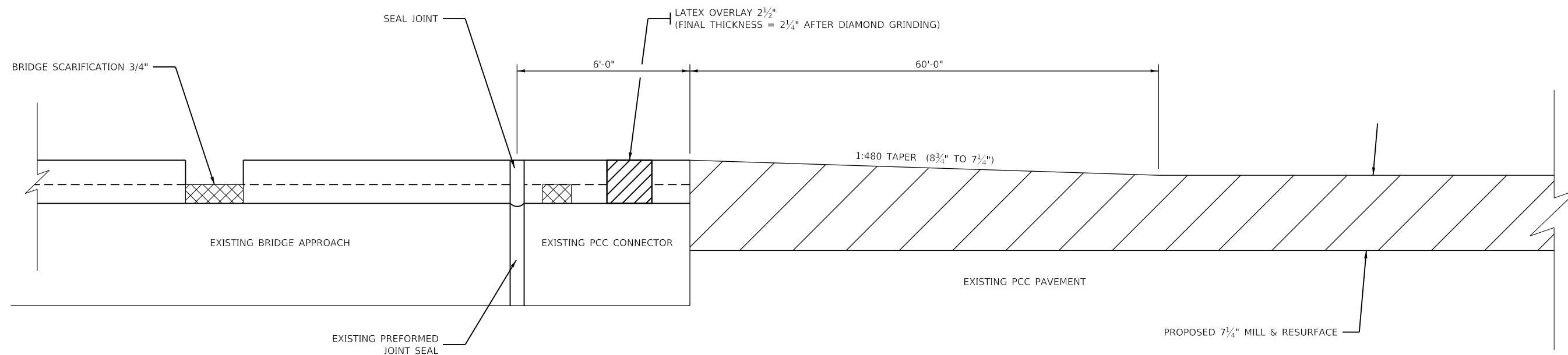
\* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CLASS B PATCHING DETAILS</b>			F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\lido-pw\ben.fey.com\PWDOT\Documents\IDOT Office\District 3\Projects\D366J65\CADData\CADsheets\D366J65-4	DRAWN -	REVISED -	80					(06-1,06-2)RS-4, BRR	BUREAU	208	109	
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65							
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		



**HMA MAINTENANCE CROSSOVER RESURFACING & SHOULDER WIDENING**

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE CROSSOVER SHOULDER WIDENING DETAIL</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot\pw_ben\ey.com\PWDOT\Documents\IDOT Office\District 3\Projects\0366J65\CADData\CADsheets\0366J65-4	DRAWN -	REVISED -	80			(06-1,06-2)RS-4, BRR	BUREAU	208	110	
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66J65				
	PLOT DATE = 2/2/2023	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET OF SHEETS	STA.	TO STA.			



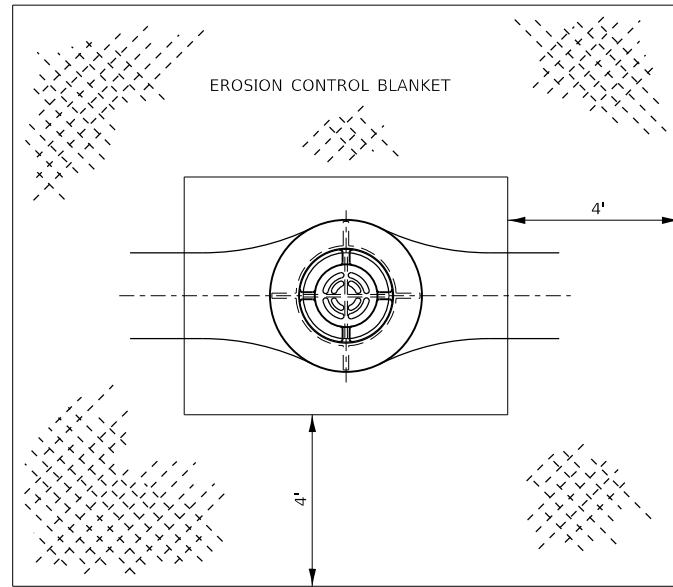
AT SN 006-0007 & SN 006-0008

4 LOCATIONS

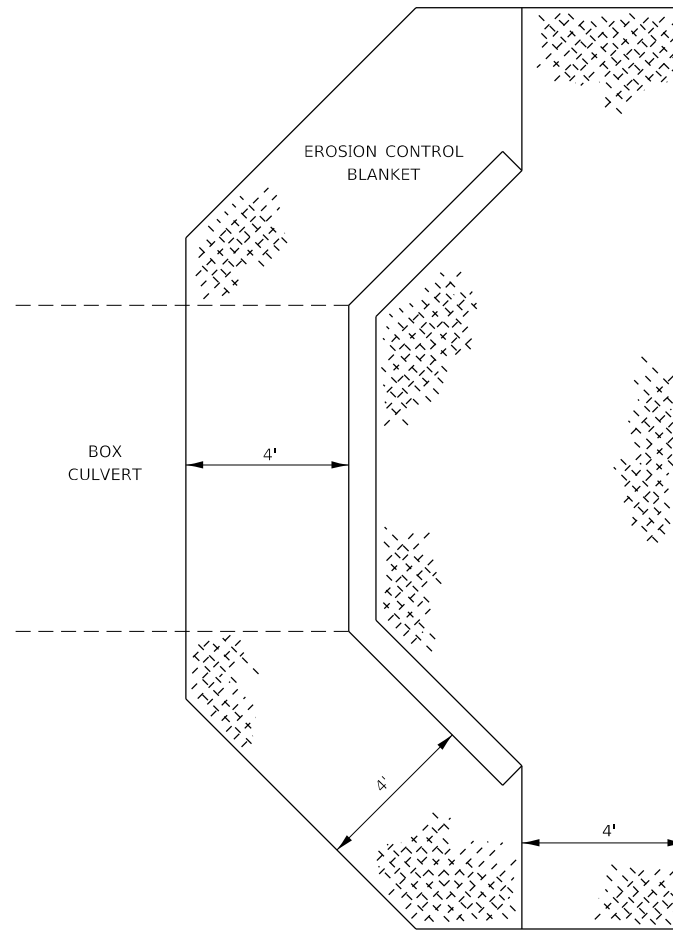
NOTES:

- 1) JOINT SEALING WILL BE AS DIRECTED BY THE ENGINEER.
- 2) JOINT SEALING TO BE INCLUDED IN THE COST OF THE LATEX OVERLAY.

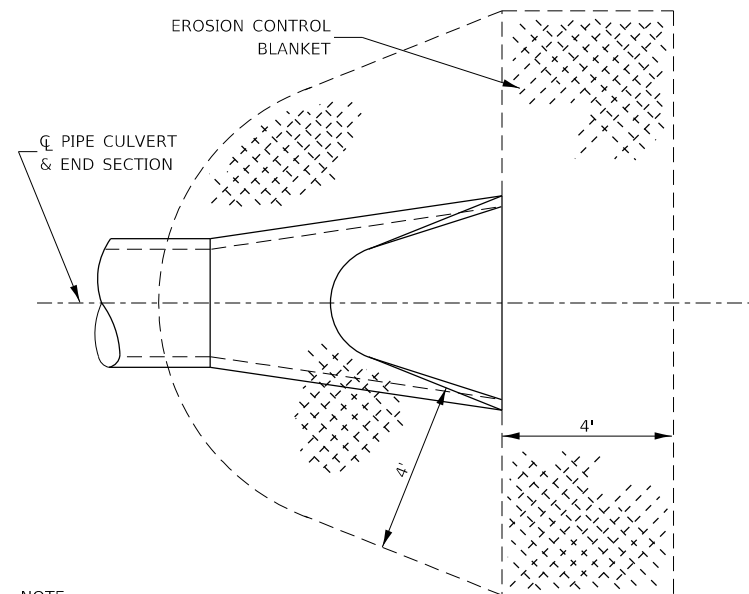
FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BRIDGE DECK LATEX OVERLAY AND TAPER DETAIL</b>	F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\illdot-pw-ben.fey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\0366J65\CADData\CADsheets\0366J65-4	DRAWN -	REVISED -	80			(06-1,06-2)RS-4, BRR	BUREAU	208	111		
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66J65					
	PLOT DATE = 2/2/2023	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



**EROSION CONTROL BLANKET  
AT MEDIAN INLET STD. 604101 OR STD. 604106**

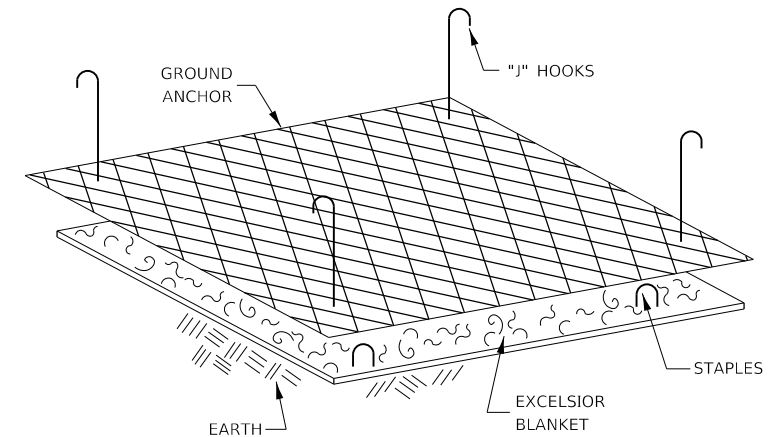
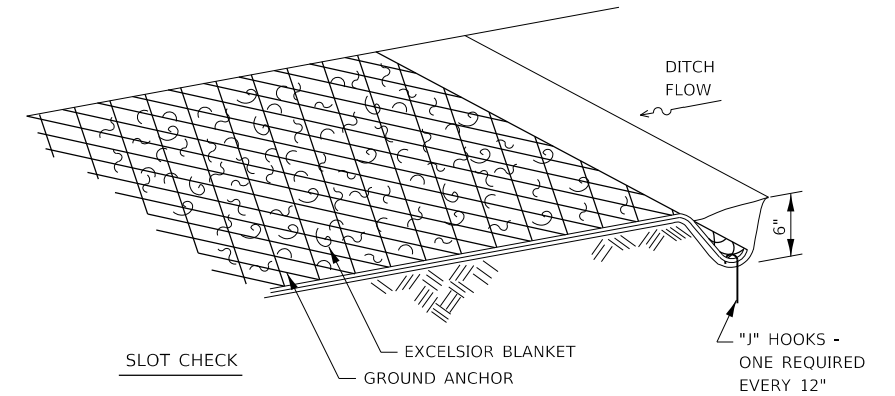
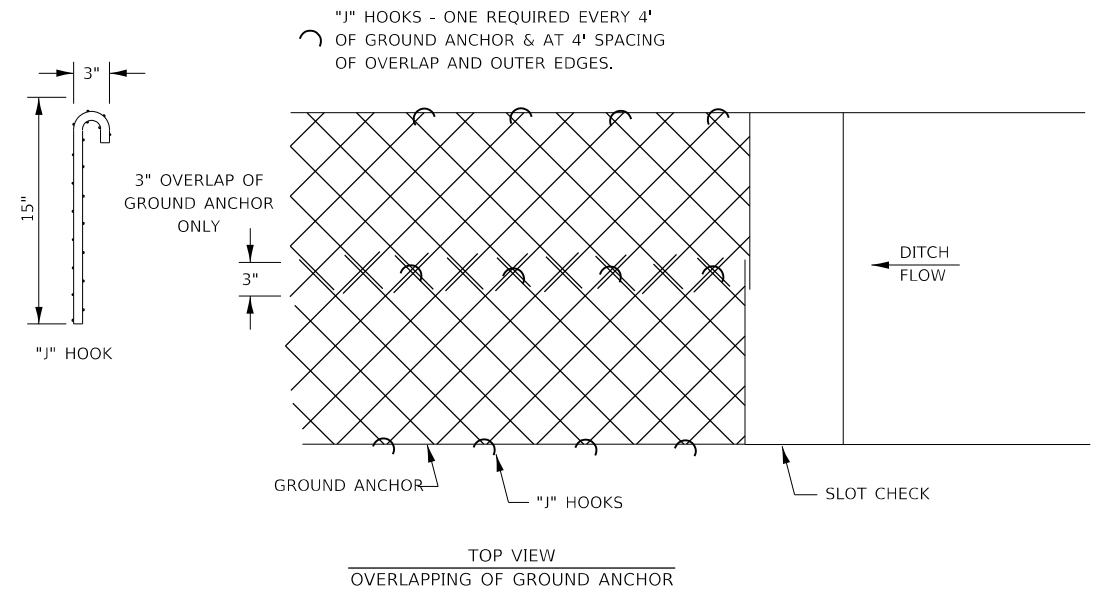


**EROSION CONTROL BLANKET  
AT BOX CULVERT END SECTIONS**



NOTE:  
TO BE USED AT ALL END SECTIONS

**DETAIL OF EROSION CONTROL BLANKET  
LINING AROUND END SECTION**



- NOTES:
- EXCELSIOR BLANKET IS STAPLED INTO GROUND.
  - GROUND ANCHOR GOES OVER EXCELSIOR BLANKET AND IS FASTENED WITH "J" HOOKS EVERY 4 FEET.
  - PAY WIDTH WILL BE MEASURED TO OUT-TO-OUT OF GROUND ANCHOR WITH NO CONSIDERATION FOR OVERLAPS.

**EXCELSIOR BLANKET (SPECIAL) DETAILS**

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
pw:\illdot-pw\benfey.com\PW\DOT\Documents\IDOT Office\District 3\Projects\D366J65\CADData\CADsheets\D366J65-4-1.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2023	DATE -	REVISED -

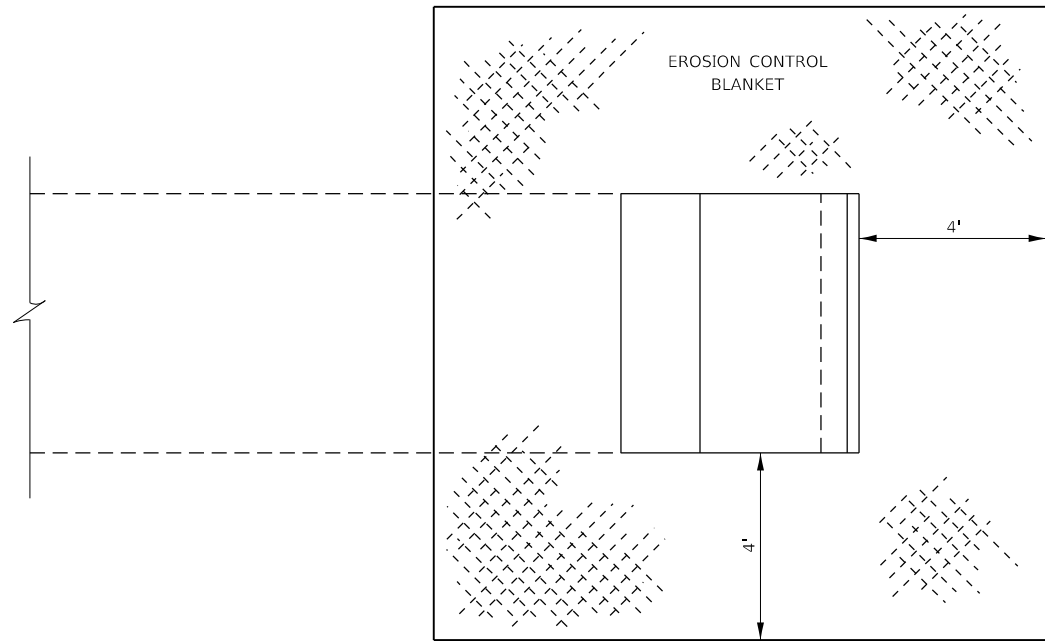
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL DETAILS**

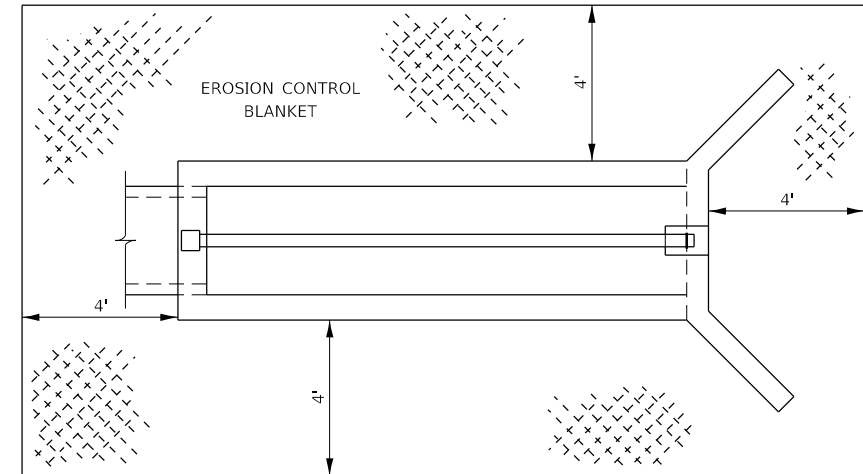
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	112
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				





**EROSION CONTROL BLANKET AT PRECAST  
BOX CULVERT END SECTIONS**



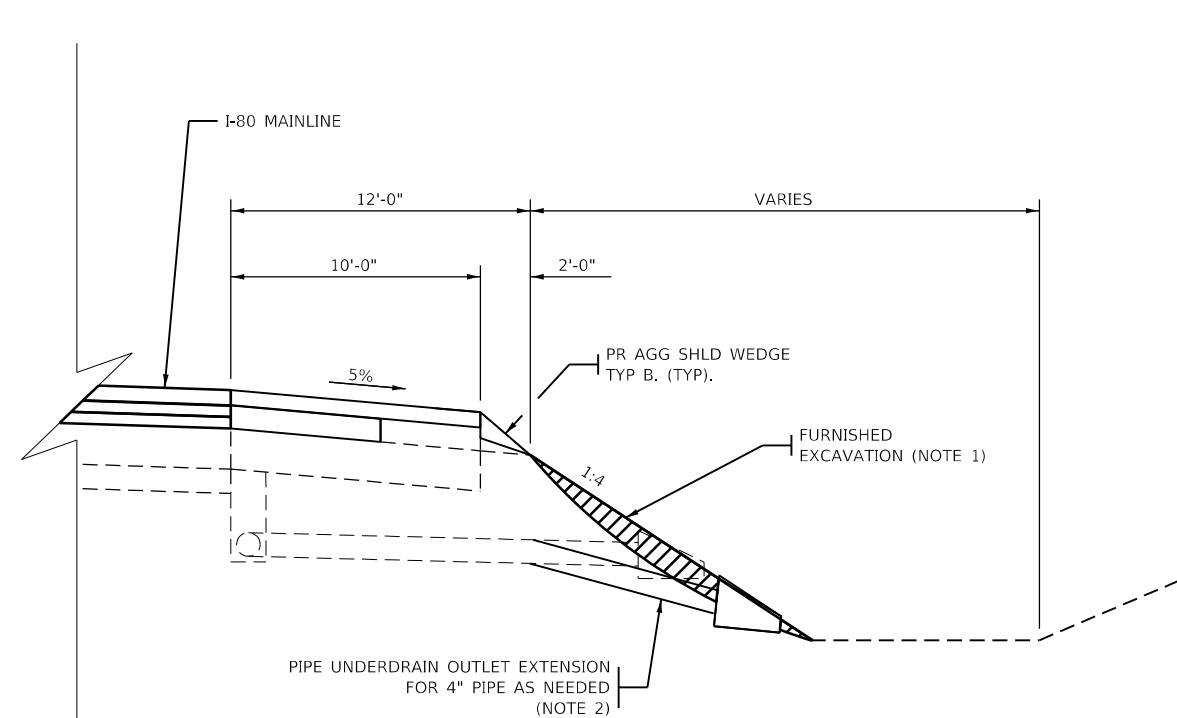
**EXCELSIOR BLANKET PLACEMENT FOR  
INLET BOXES STD. 542501 THROUGH STD. 542546**

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\66J65\CADData\CADsheets\66J65-4		DRAWN -	REVISED -
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2023	DATE -	REVISED -

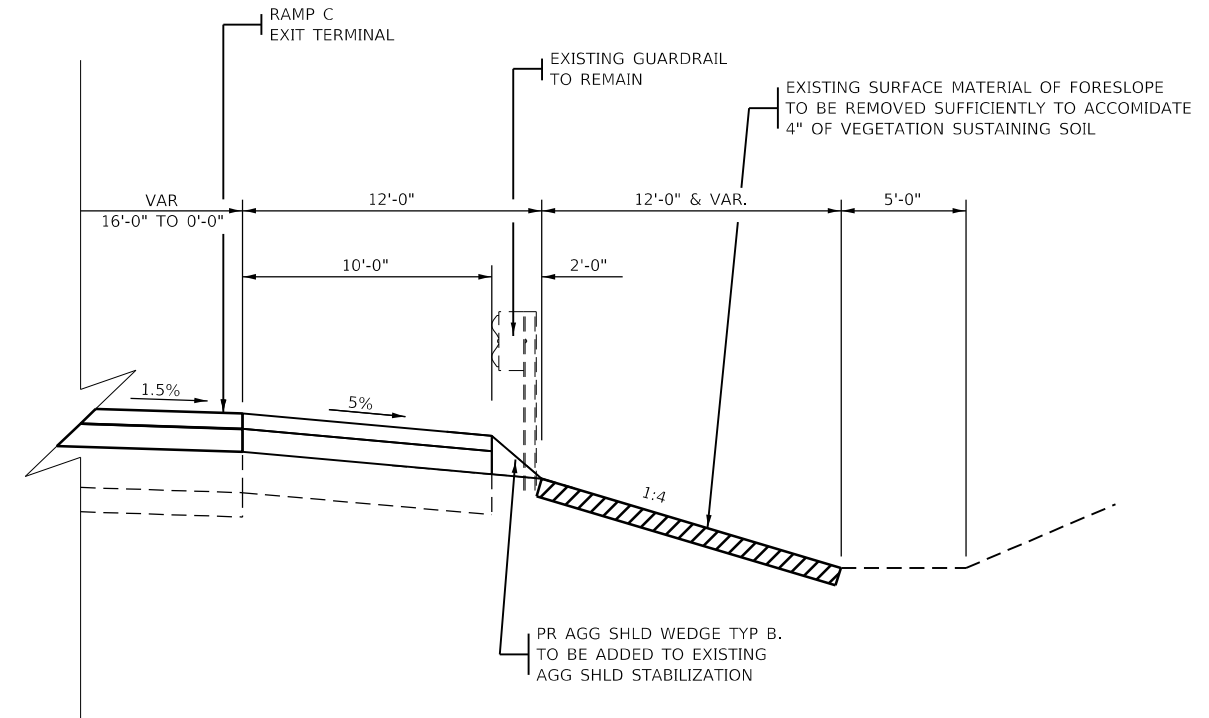
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	113
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



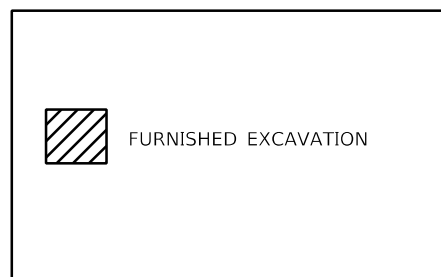
**UNDERDRAIN OUTLET EXTENSION DETAIL**  
**STA 390+00 TO 393+00**



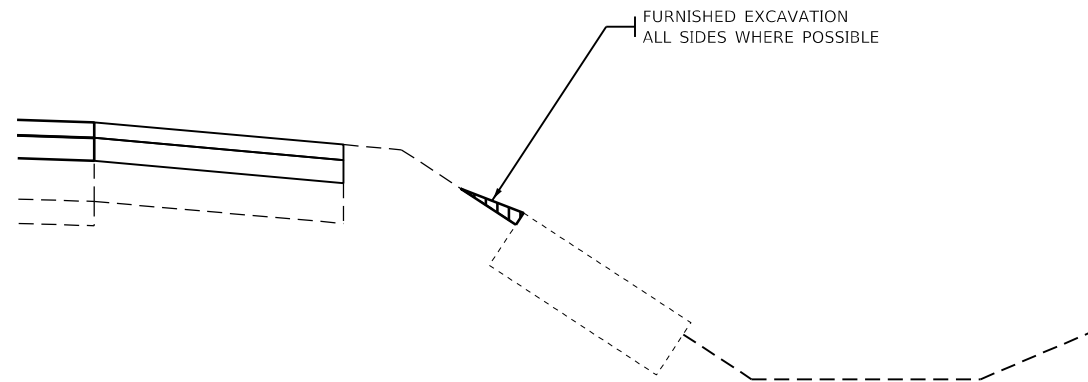
**SOIL EROSION DETAIL A**  
**STA 472+00 TO 478+33**

**NOTES:**

- 1) LOCATION MAY REQUIRE ADDITIONAL FILL TO PROVIDE A MINIMUM 1:4 FORESLOPE. THIS MATERIAL WILL BE PAID FOR AS "FURNISHED EXCAVATION".
- 2) EXISTING PIPE UNDERDRAIN STRUCTURE TO BE ADJUSTED TO MATCH EXISTING SLOPE, AND WILL BE PAID FOR AS "PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE".

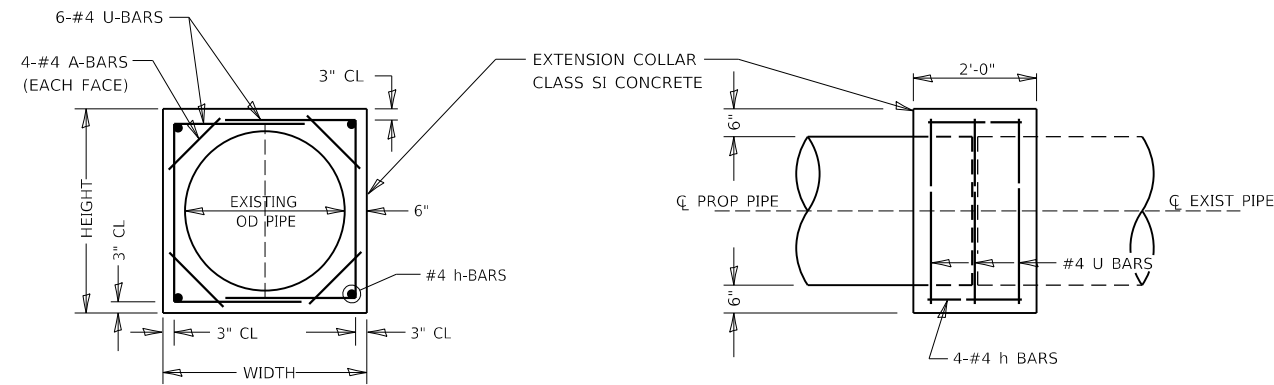


FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL EROSION DETAILS</b>				F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\ben.fey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366J65\CADData\CADsheets\I366J65-4		DRAWN -	REVISED -		80	(06-1,06-2)RS-4, BRR	BUREAU	208	114				
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66J65				
	PLOT DATE = 2/2/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

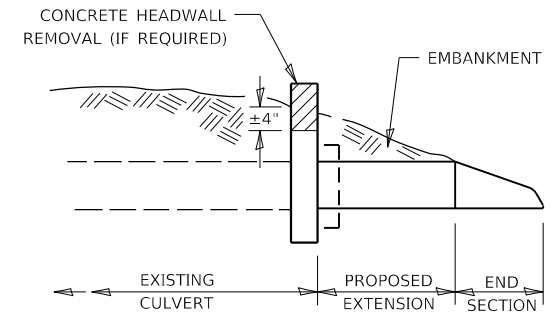
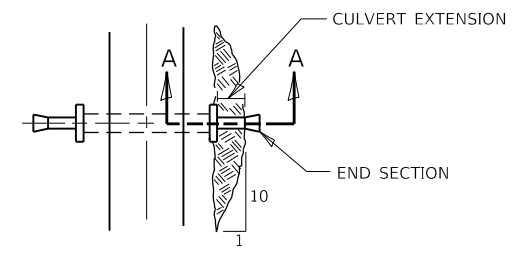


**FURNISHED EXCAVATION NEAR INLETS WITH SOIL EROSION  
(SEE SCHEDULE FOR LOCATIONS)**

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL EROSION DETAILS</b>			F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366J65\CADData\CADsheets\I366J65-s	DRAWN -	REVIS	REVISED -					80	(06-1,06-2)RS-4, BRR	BUREAU	208	115
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65							
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT



**COLLAR DETAIL (DIRECT PIPE CULVERT EXTENSION)**



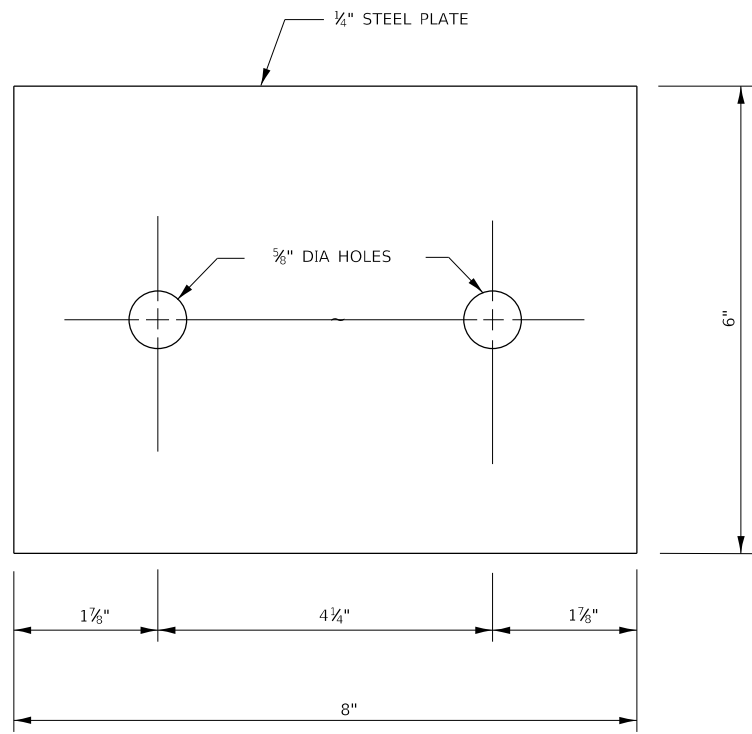
SECTION A-A

**PLAN AT CULVERT EXTENSIONS**

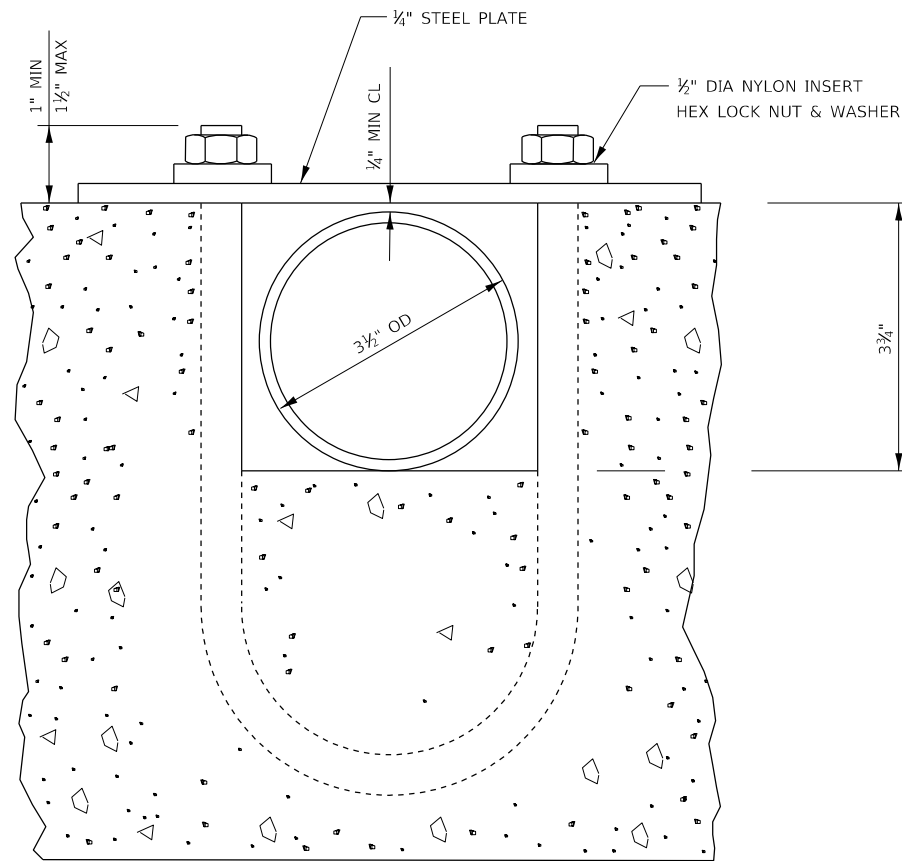
540-13

CONCRETE COLLAR BILL OF MATERIALS													
CULVERT NUMBER	LOCATION STATION	CULVERT INNER DIAMETER INCH	CULVERT OUTER DIAMETER INCH	CONCRETE COLLAR		#4 REINFORCEMENT BARS					TOTALS		
				WIDTH INCH	HEIGHT INCH	A-BAR		h-BAR		U-BAR	REINFORCEMENT BARS		CONC COLLAR CU YD
						12" EACH	18" EACH	X INCH	Y INCH	COUNT EACH	FOOT	POUND	
3031	97+00	30.0	37.0	49.0	49.0	12	4	25.50	43.00	6	65	44	0.68
** 3037	160+29	48.0	58.0	70.0	70.0	24	8	36.00	64.00	12	172	115	2.32
*** 3041	278+43	42.0	51.0	63.0	63.0	36	12	32.50	57.00	18	237	159	2.97
3047	362+75	24.0	30.0	42.0	42.0	12	4	22.00	36.00	6	58	39	0.54
3018	381+00	36.0	44.0	56.0	56.0	12	4	29.00	50.00	6	72	49	0.83
3057	496+00	36.0	44.0	56.0	56.0	12	4	29.00	50.00	6	72	49	0.83
TOTALS						108	36			54	676	455	8.17

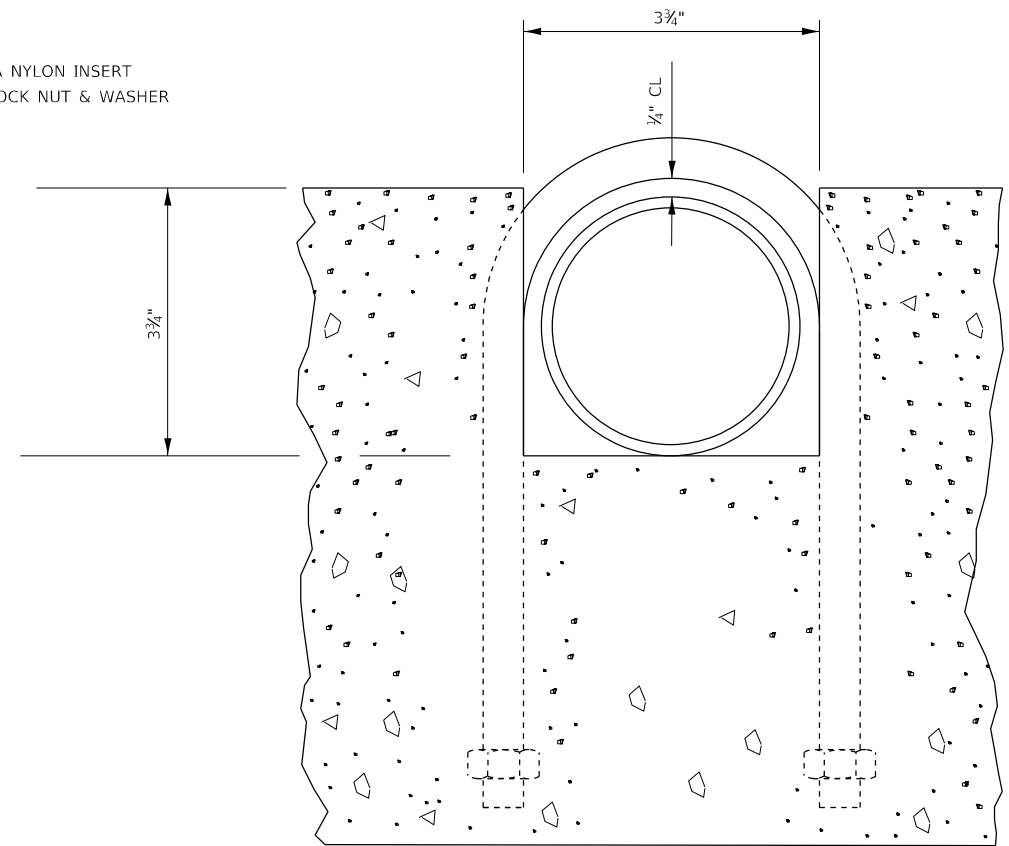
\*\*DOUBLE CULVERT, SEE COAL CREEK DETAIL  
 \*\*\*TRIPLE CULVERT



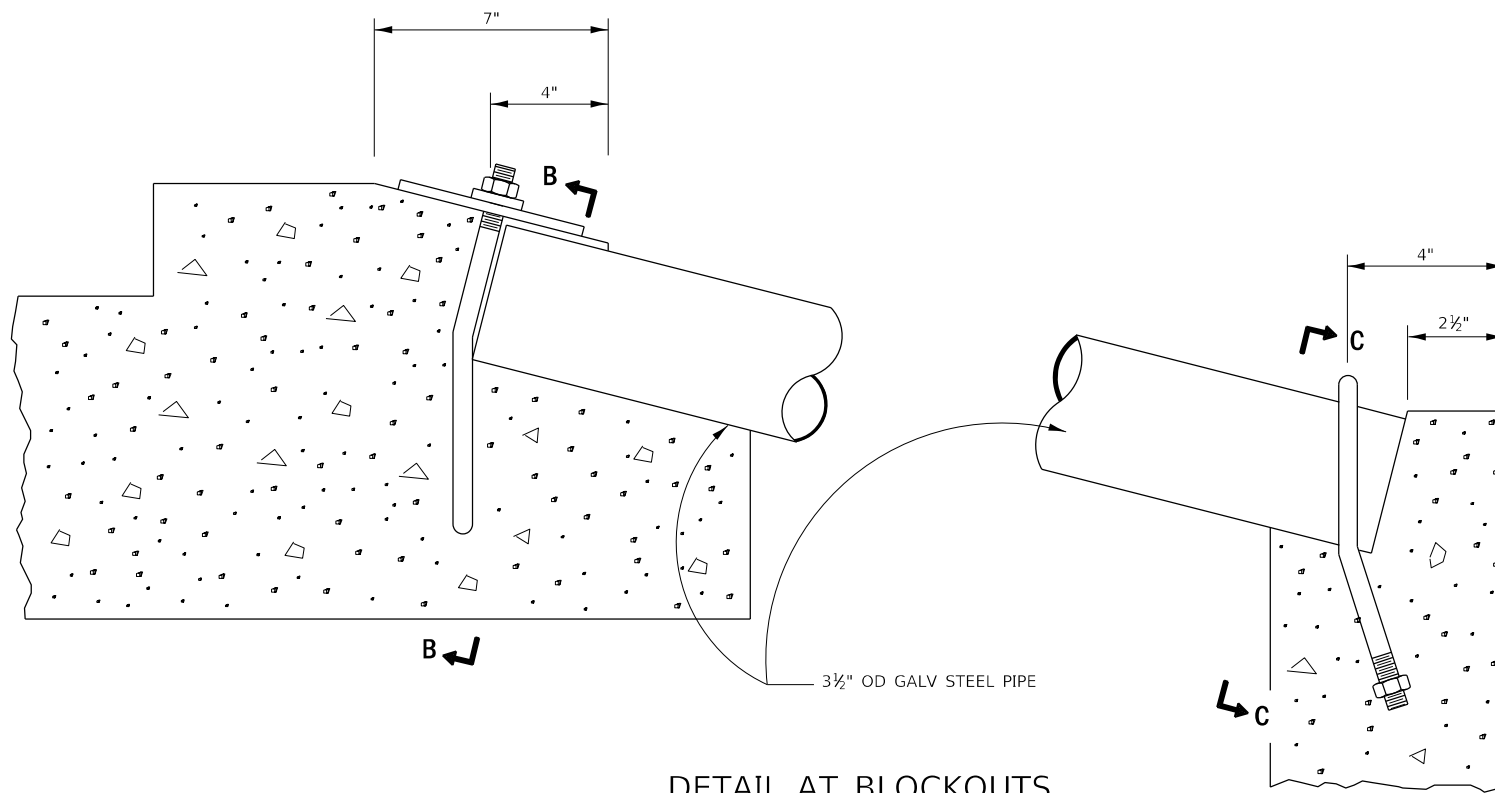
**TOP ANCHOR PLATE**  
(1 - REQUIRED)



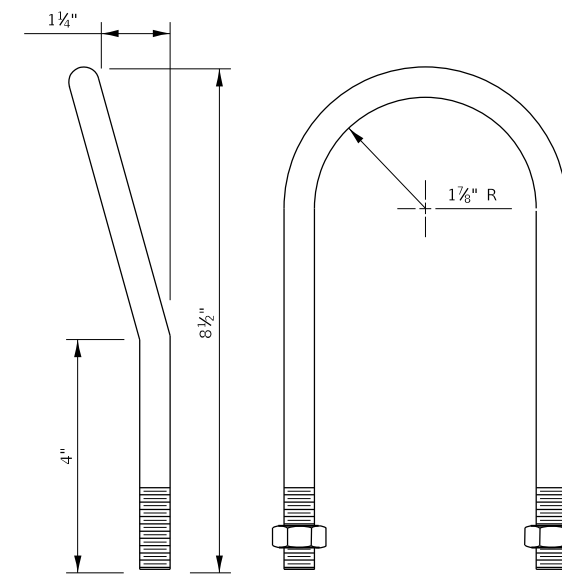
**SECTION B-B**



**SECTION C-C**



**DETAIL AT BLOCKOUTS**



**1/2" DIA U BOLT**  
(2- REQUIRED)

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
pw:\illdot-pw\ben.fey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\0366J65\CADData\CADsheets\0366J65-4-1.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

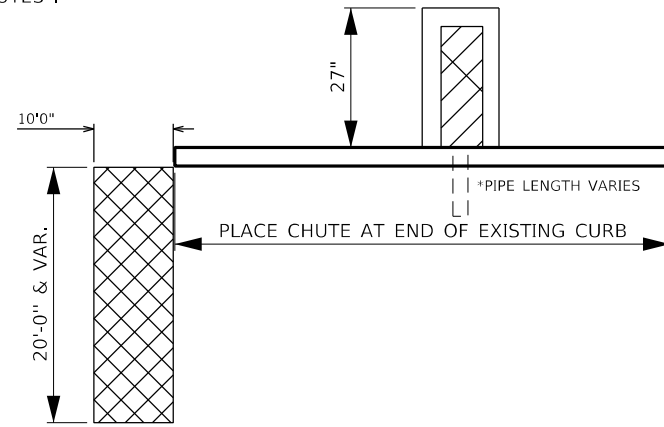
**TRAVERSABLE GRATE U-BOLT DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

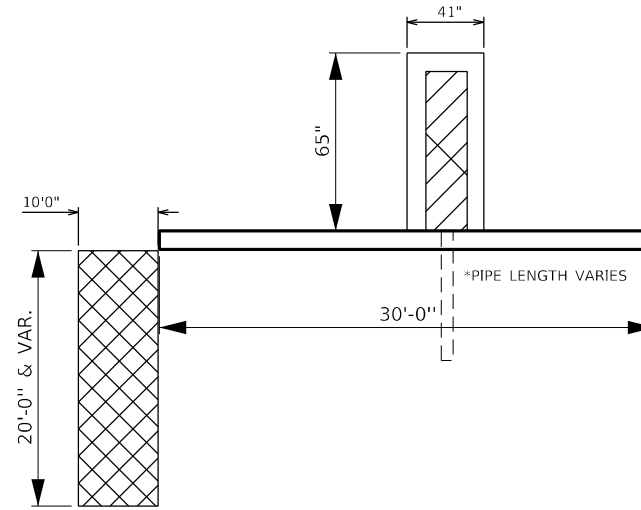
F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	117
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

**SCOPE OF WORK**

PLUG PIPES AT EXISTING SHOULDER INLETS WITH CLSM.  
 REMOVE FRAME AND GRATE AT SHOULDER DRAINS.  
 REPLACE DISTURBED CURB.  
 PATCH REMOVAL AREA WITH CLASS C PATCH.  
 CREATE RIPRAP CHUTES .



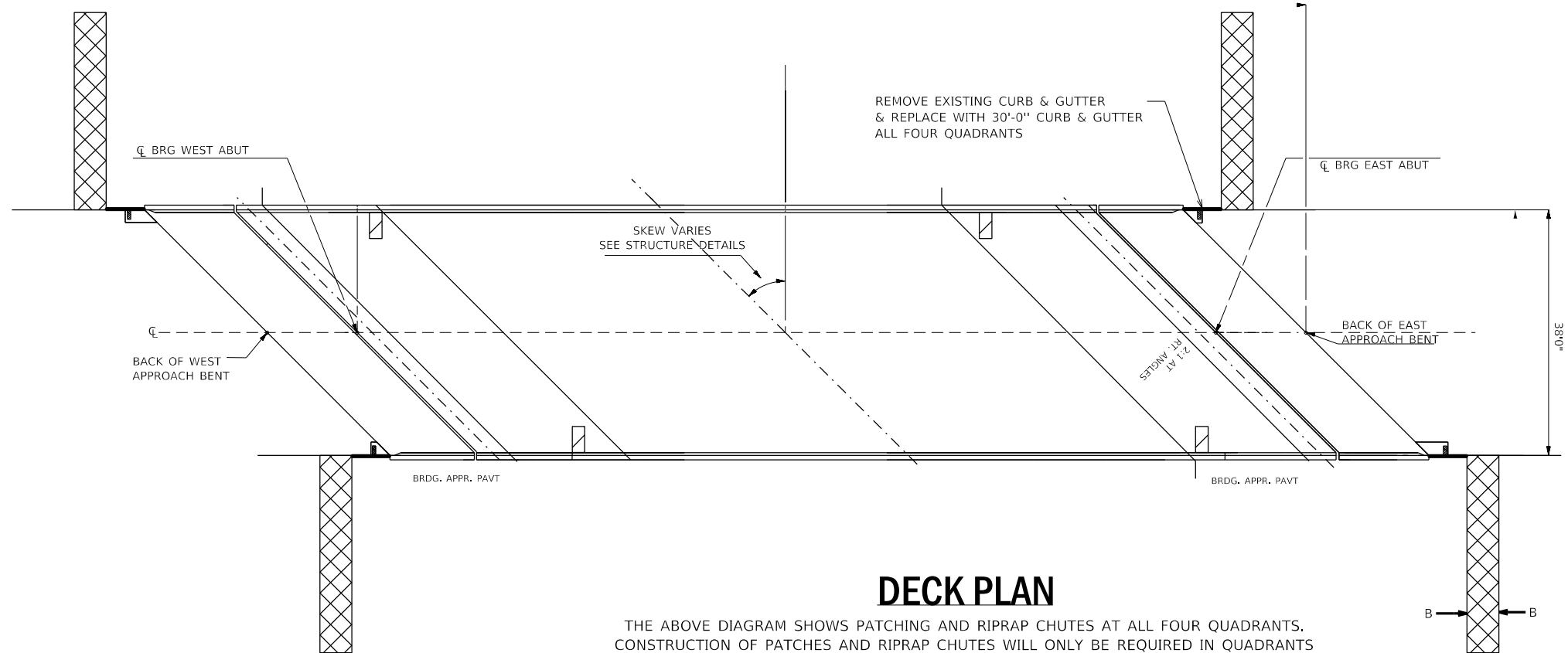
**PLAN VIEW OF TYPE B SHOULDER DRAINS (TYP)  
 (DEPICTS SW QUADRANT)**



**PLAN VIEW OF TYPE D SHOULDER DRAINS (TYP)  
 (DEPICTS SW QUADRANT)**

**LEGEND**

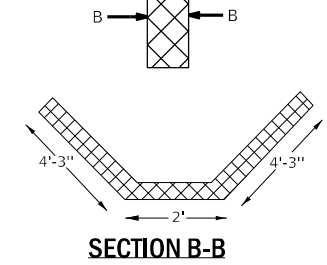
- CONCRETE CURB, TYPE M
- CLASS C PATCH & TRENCH BACKFILL
- REMOVAL OF EXISTING INLET
- RIPRAP
- PLUG EXISTING PIPE



**DECK PLAN**

THE ABOVE DIAGRAM SHOWS PATCHING AND RIPRAP CHUTES AT ALL FOUR QUADRANTS. CONSTRUCTION OF PATCHES AND RIPRAP CHUTES WILL ONLY BE REQUIRED IN QUADRANTS WITH TYPE F INLETS AS PER THE LIST BELOW AND THE RIPRAP CHUTES SCHEDULE.

- SN 006-0001 (SKEW 4°) -- NE AND SE QUADRANTS
- SN 006-0002 (SKEW 4°) -- NE AND SE QUADRANTS
- SN 006-0003 (SKEW 7°58') -- ALL QUADRANTS
- SN 006-0004 (SKEW 7°58') -- ALL QUADRANTS
- SN 006-0005 (SKEW 40°) -- NW AND SW QUADRANTS
- SN 006-0006 (SKEW 40°) -- NW AND SW QUADRANTS



**SECTION B-B**

NOTE: ALL FOUR QUADRANTS HAVE THE SAME CROSSSECTION FOR RIPRAP SHUTES

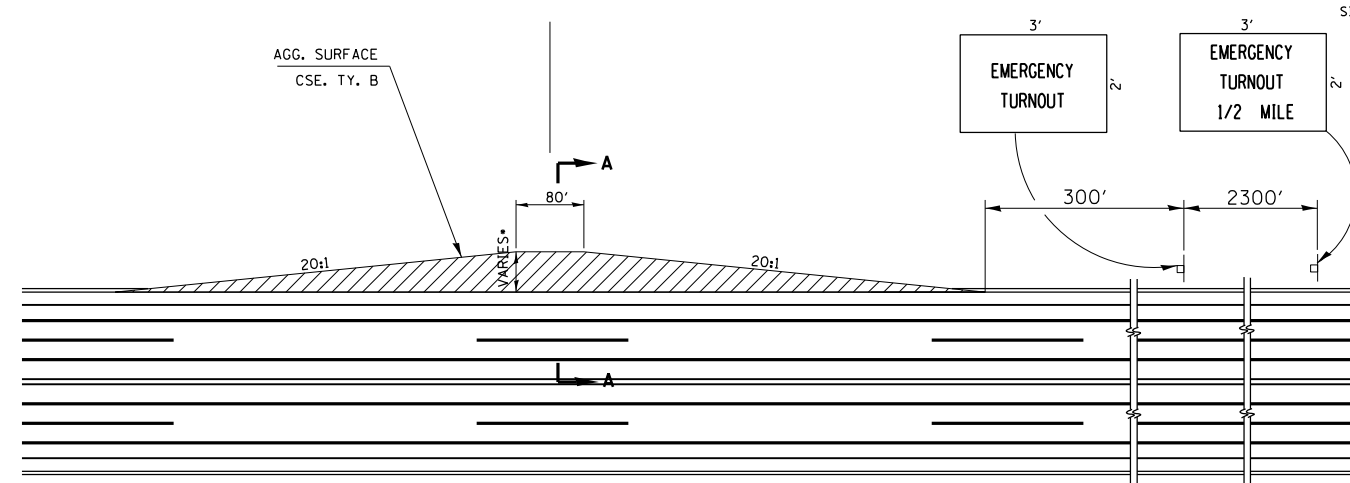
**NOTES**

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT PRICE BID FOR THE WORK.

NOT TO SCALE  
 USE DIMENSIONS

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RIPRAP CHUTE DETAIL</b>			F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\D366J65\CADData\CADsheets\D366J65-4	DRAWN -	REVISED -	80					(06-1,06-2)RS-4, BRR	BUREAU	208	118	
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66J65				
	PLOT DATE = 2/2/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

\*DISTANCE IS 8' FROM EOS ON OUTSIDE  
AND 8' ON MEDIAN SIDE



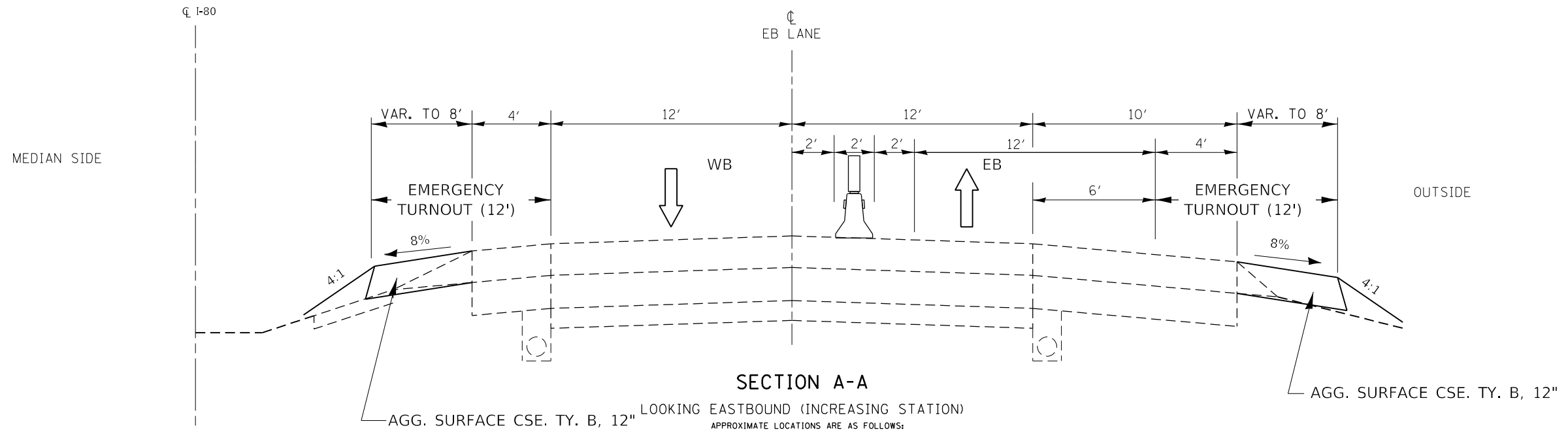
SIGNS ARE BLACK ON WHITE

NOTES:

- 1) THE CONTRACTOR SHALL PROVIDE FOR TEMPORARY EMERGENCY TURNOUTS AS SHOWN FOR BOTH DIRECTION OF TRAFFIC DURING STAGES I AND II.
- 2) THERE WILL BE A TOTAL OF FOURTEEN (14) EMERGENCY TURNOUTS THAT WILL BE CONSTRUCTED; ONE (1) PER LANE PER STAGE UNLESS CONFLICT WITH MEDIAN OR ROADSIDE BARRIER. WIDE CROSSOVER AT STA. 408+00 WILL BE USED AS A EMERGENCY TURNOUT. THE TURNOUTS SHALL BE SPACED AT NO LESS THAN 2.0 MILES CTS. EXACT LOCATIONS SHALL BE APPROVED BY THE ENGINEER. THE ENGINEER RESERVES THE RIGHT TO SELECT ALTERNATIVE LOCATIONS.\*\*
- 3) ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO CONSTRUCT, MAINTAIN AND REMOVE THE TEMPORARY EMERGENCY TURNOUTS AND SIGNING AS SHOWN SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR AGGREGATE SURFACE COURSE, TY. B.
- 4) EXISTING HIGH TENSION CABLE MEDIAN BARRIERS SHOULD BE AVOIDED FOR CONSTRUCTING TEMPORARY EMERGENCY TURNOUT WHERE APPLICABLE.

**TEMPORARY EMERGENCY TURNOUTS**

EASTBOUND OUTSIDE LANE SHOWN - WESTBOUND AND MEDIAN SIDES SIMILAR  
SECTION A-A SHOWS MEDIAN SIDE AND OUTSIDE LANE-SEE SECTION A-A



**SECTION A-A**

AGG. SURFACE CSE. TY. B, 12" LOOKING EASTBOUND (INCREASING STATION)  
APPROXIMATE LOCATIONS ARE AS FOLLOWS:

- STA 47+00 EB&WB / STAGE II
- STA 87+00 EB&WB / STAGE I
- STA 175+00 EB&WB / STAGE II
- STA 194+00 EB&WB / STAGE I
- STA 292+00 EB&WB / STAGE I
- STA 301+00 EB&WB / STAGE II
- STA 408+00 EB&WB / STAGE I & STAGE II

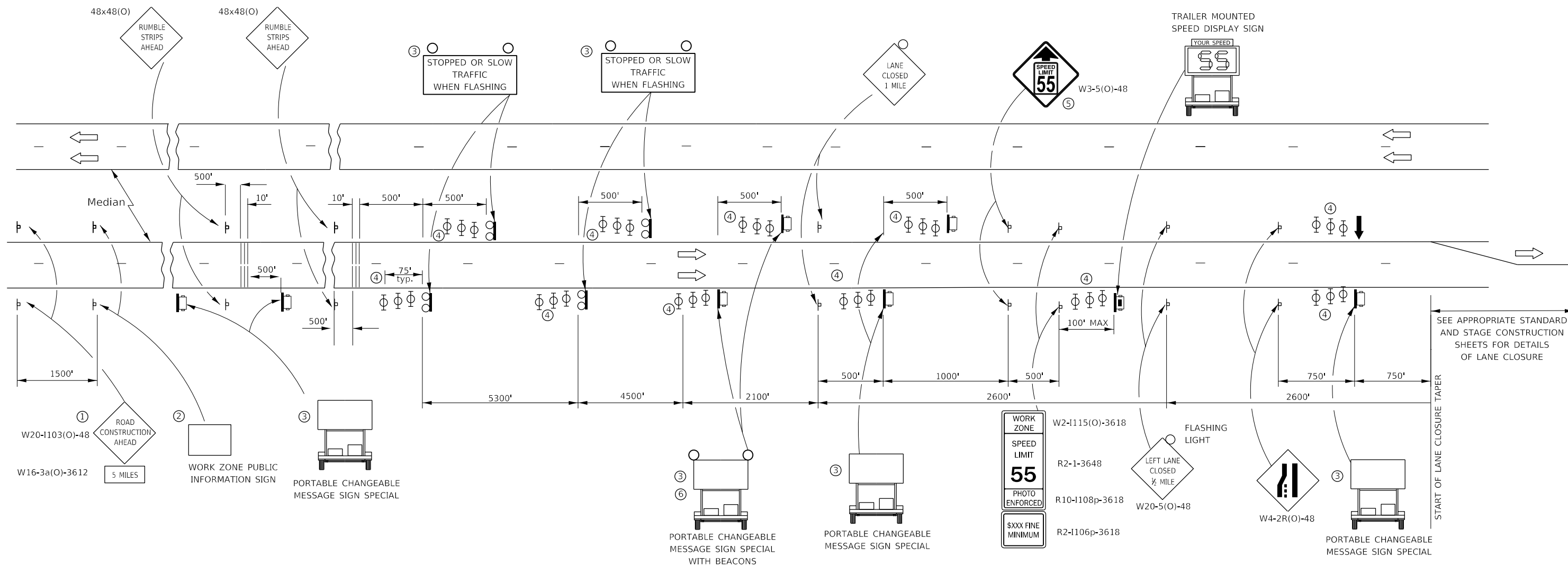
FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
pw:\illdot-pw\ben.fey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\ID366J65\CADData\CADsheets\ID366J65-41		DRAWN -	REVISED -
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY EMERGENCY TURNOUT DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	119
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

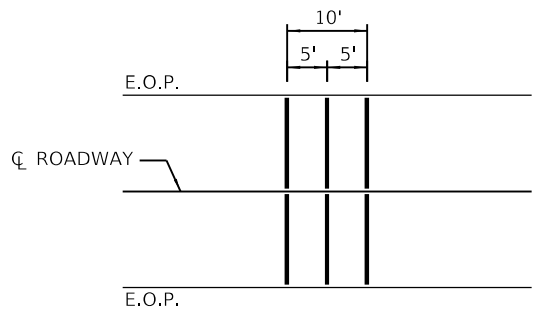


**NOTES:**

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ UNIT TO BE PAID FOR SEPARATELY. TO BE PLACED OUTSIDE OF EXISTING PAVED SHOULDER. ANY REQUIRED EARTHWORK INCLUDED IN THE COST OF THE UNIT.
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ⑤ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.
- ⑥ WHEN SHOWN, PORTABLE CHANGEABLE MESSAGE SIGN SPECIAL SHALL HAVE EQUIVALENT FLASHING BEACONS AS REAL TIME TRAFFIC CONTROL SIGNING. COST INCLUDED IN PORTABLE CHANGEABLE MESSAGE SIGN SPECIAL.

**LEGEND:**

- ↓ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN SPECIAL (PCMS)
- ⊥ SIGN
- ⊙ REAL-TIME TRAFFIC CONTROL SIGNING
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT.
- ▨ TEMPORARY RUMBLE STRIPS (SPECIAL). SEE DETAIL & SPECIAL PROVISION
- ☑ SPEED DISPLAY TRAILER



**GENERAL NOTE:**

THIS STANDARD IS USED WHERE AT ANY TIME LANE CLOSURE IS IN PLACE OR INCLUDING A WEEKEND OR HOLIDAY AS DESCRIBED IN KEEPING ROADS OPEN TO TRAFFIC.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS ARE STATIONARY. THE OTHER SIGNS, ARROWBOARDS AND MESSAGE BOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

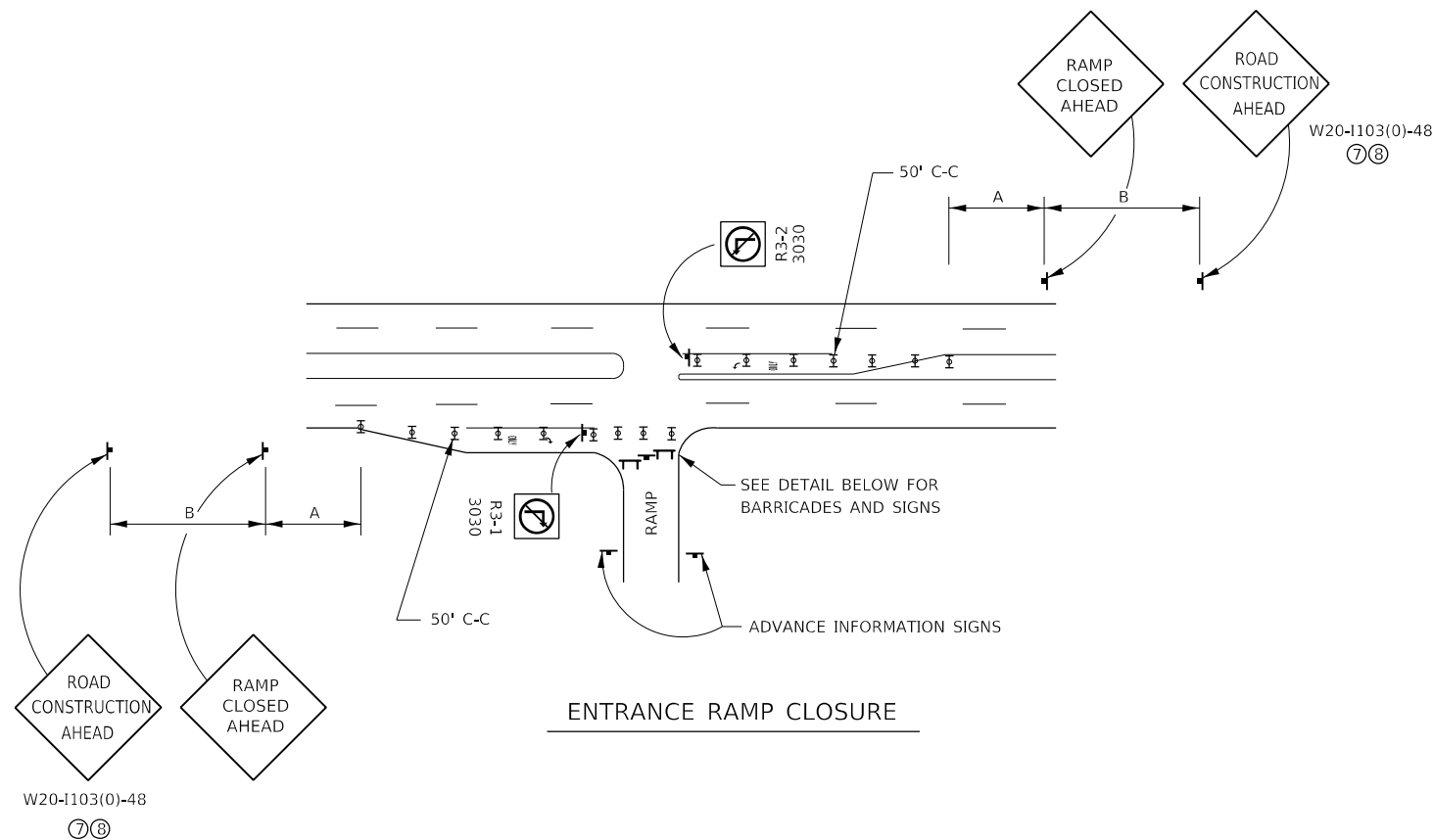
SEE SPECIAL PROVISIONS FOR SMART TRAFFIC MONITORING SYSTEM, PORTABLE CHANGEABLE MESSAGE SIGN SPECIAL AND CONTROL OF WORK.

WHEN EXISTING SIGNS, POLES, OR OTHER ITEMS CONFLICT WITH LOCATING THE EQUIPMENT SHOWN, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DECONFLICT EQUIPMENT PLACEMENT

ALL ORANGE SIGN SHEETING SHALL BE FLOURESCENT ORANGE MATERIAL

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SMART ZONE TRAFFIC CONTROL ADVANCE SIGNING AND TRAFFIC CONTROL DEVICES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\illdot\pw\benfey.com\PWDOT\Documents\IDOT Office\District 3\Projects\ID366J65\CADData\CADsheets\ID366J65-48	PROJECT	CHECKED -	REVISED -			80	(06-1,06-2)RS-4, BRR	BUREAU	208	120	
Default	PLOT SCALE = 100,0000' / in.	DATE -	REVISED -			CONTRACT NO. 66J65					
	PLOT DATE = 2/2/2023					SCALE:	SHEET	OF	SHEETS	STA.	TO



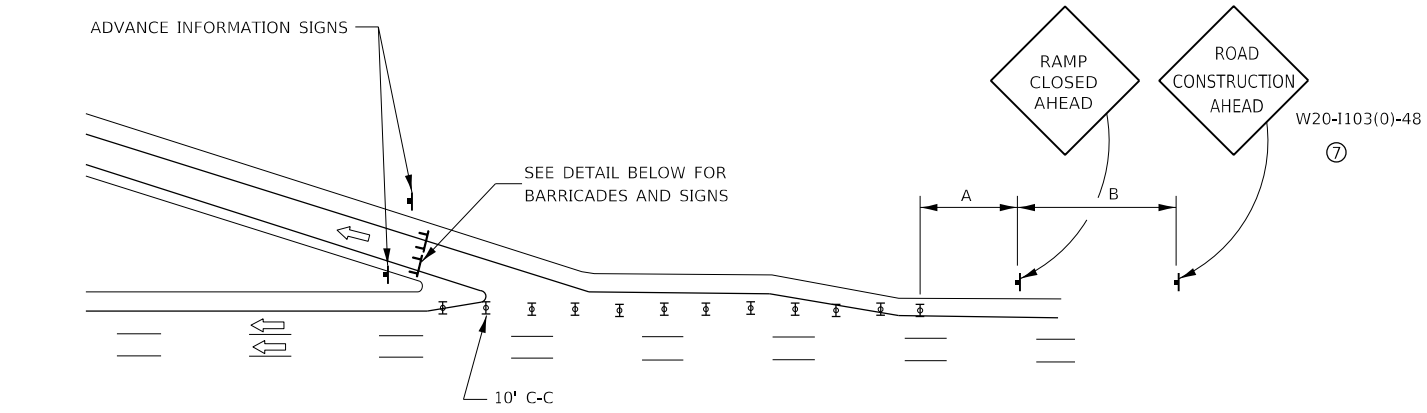


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000'	1500'
EXPRESSWAY ≤24 HOURS	500'	500'
ARTERIAL ≥45 MPH	350'	350'
ARTERIAL <45 MPH	150'	150'

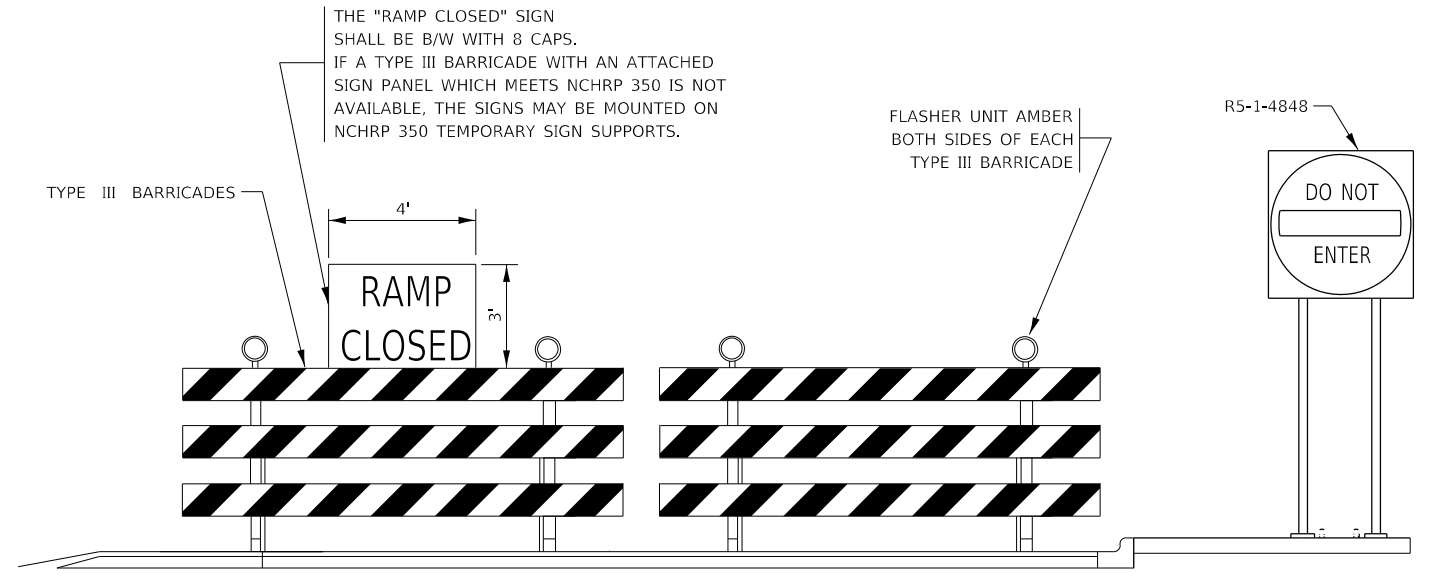
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

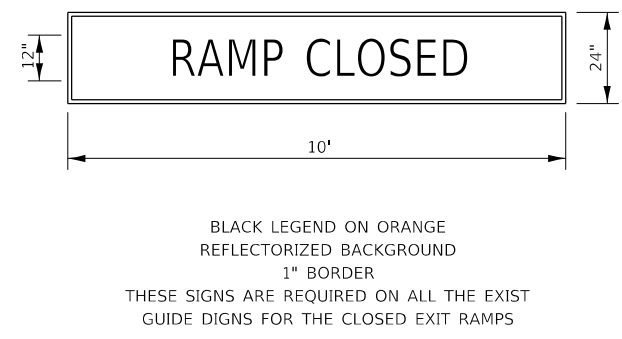
**SYMBOLS**

- ☒ DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ☒ TYPE III BARRICADE WITH FLASHING LIGHT

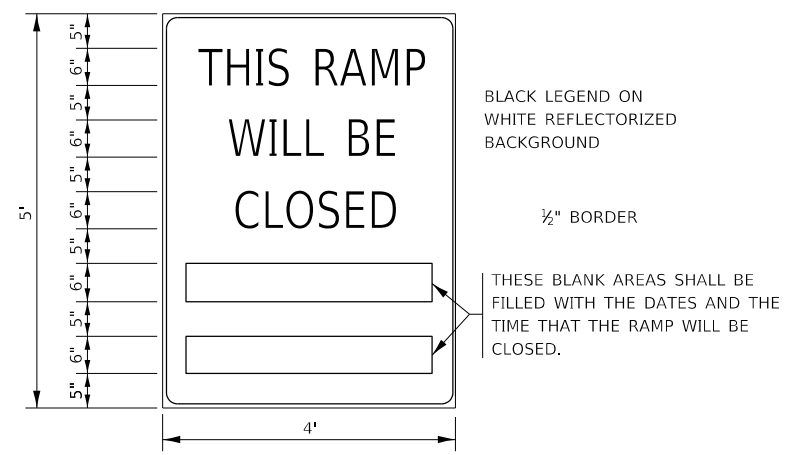


DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



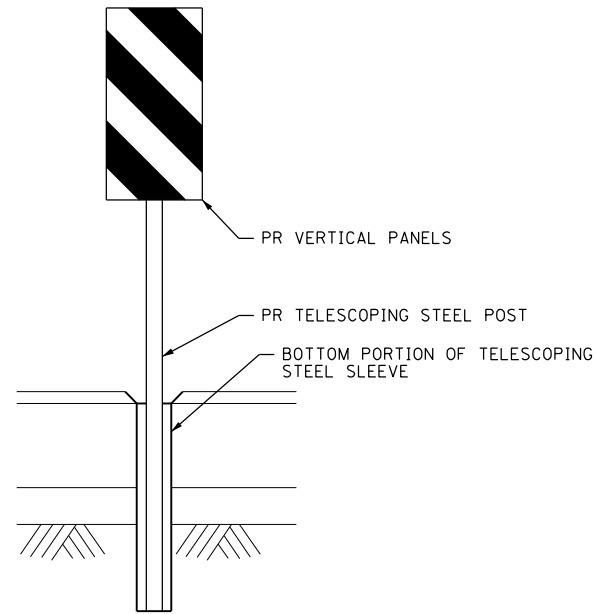
RAMP CLOSURE ADVANCE INFORMATION SIGN



THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

**GENERAL NOTES:**

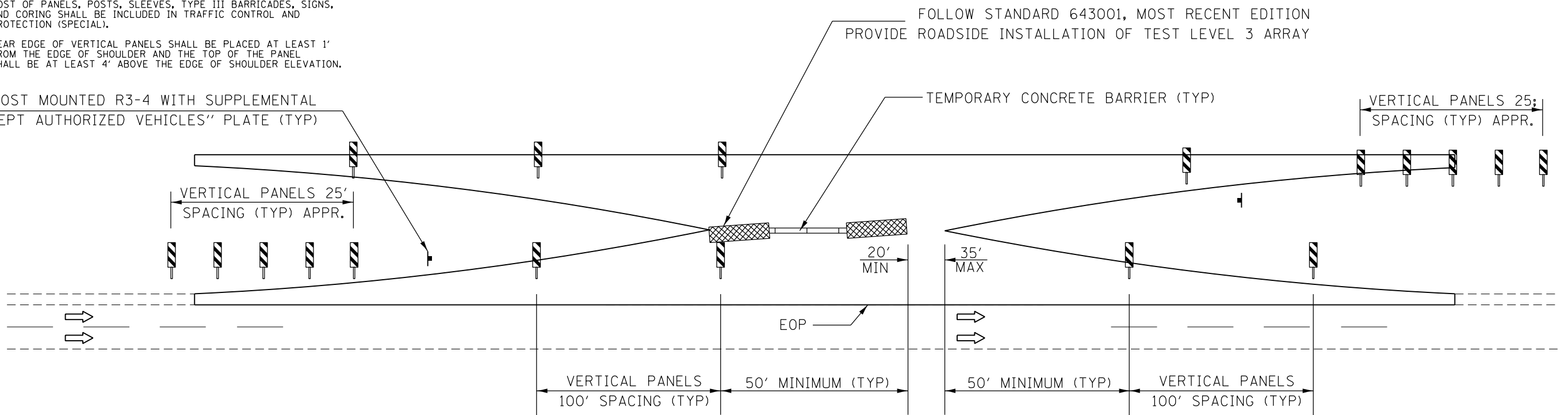
- ① STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ② A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- ③ ALL ROUTE MARKERS AND SIGN ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- ④ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701451.
- ⑤ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF OPERATIONS IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑥ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.
- ⑦ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑧ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED ON CLOSURES LESS THAN 24 HOURS IN DURATION.



NOTE: FOR INSTALLATION OF VERTICAL PANELS IN AREAS OF CROSSOVER PAVEMENT, 3" Ø HOLES WILL BE CORED THROUGH PAVEMENT FOR PLACEMENT. TELESCOPING STEEL POLES WILL BE PLACED 1" BELOW SURFACE AS SHOWN, AND WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER. WHEN OPENING CROSSOVER, PANELS WILL BE REMOVED AND HOLES WILL BE LEFT IN PLACE. COST OF PANELS, POSTS, SLEEVES, TYPE III BARRICADES, SIGNS, AND CORING SHALL BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION (SPECIAL).

NEAR EDGE OF VERTICAL PANELS SHALL BE PLACED AT LEAST 1' FROM THE EDGE OF SHOULDER AND THE TOP OF THE PANEL SHALL BE AT LEAST 4' ABOVE THE EDGE OF SHOULDER ELEVATION.

POST MOUNTED R3-4 WITH SUPPLEMENTAL "EXCEPT AUTHORIZED VEHICLES" PLATE (TYP)



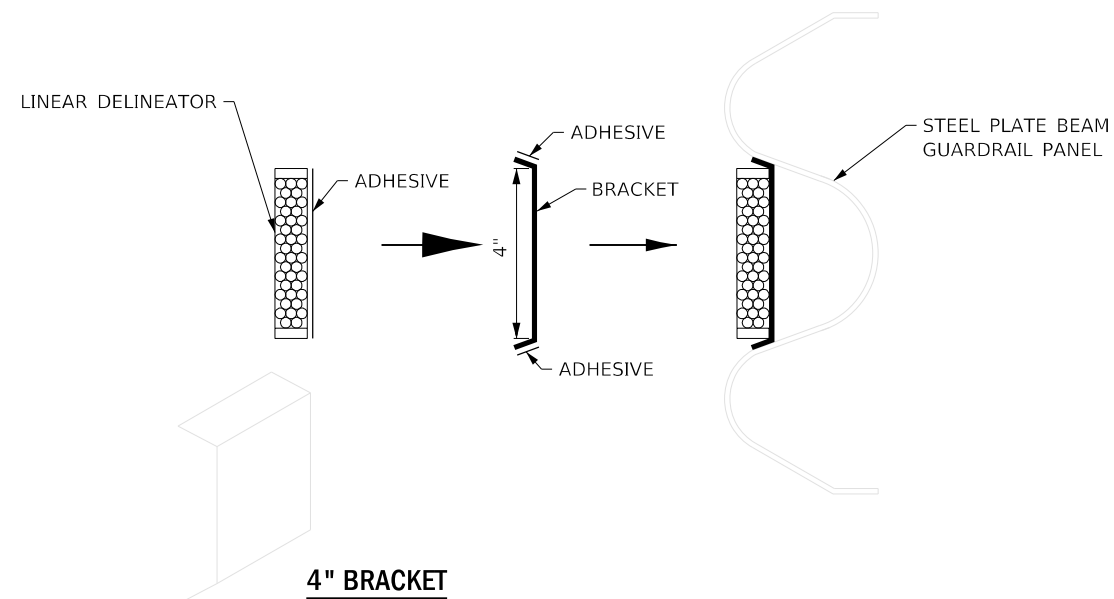
**LEGEND**

- ← TRAFFIC FLOW ARROW
- ⊥ TYPE III BARRICADE
- ▨ IMPACT ATTENUATOR
- BARREL W/STEADY BURNING LIGHT
- ⊥ POST MOUNTED SIGN
- ◇ BARRIER WALL MARKER
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ VERTICAL SIGN PANEL

CROSSOVER CLOSURE-TYPICAL

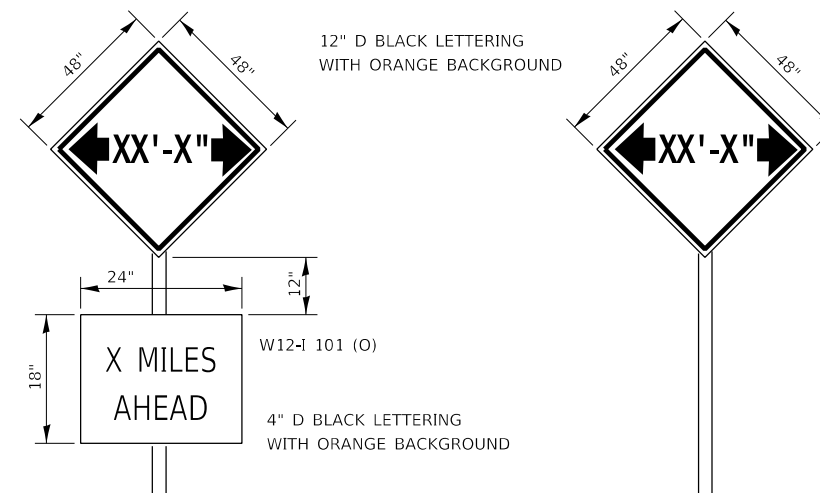
NOT TO SCALE

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC PLAN CROSSOVER CLOSURE DETAIL</b>	F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\illdot\pw_ben\ey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366J65\CADData\CADsheets\I366J65-4	DRAWN -	REVISED -	80			(06-1,06-2)RS-4, BRR	BUREAU	208	122		
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66J65					
	PLOT DATE = 2/2/2023	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



### LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEATOR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

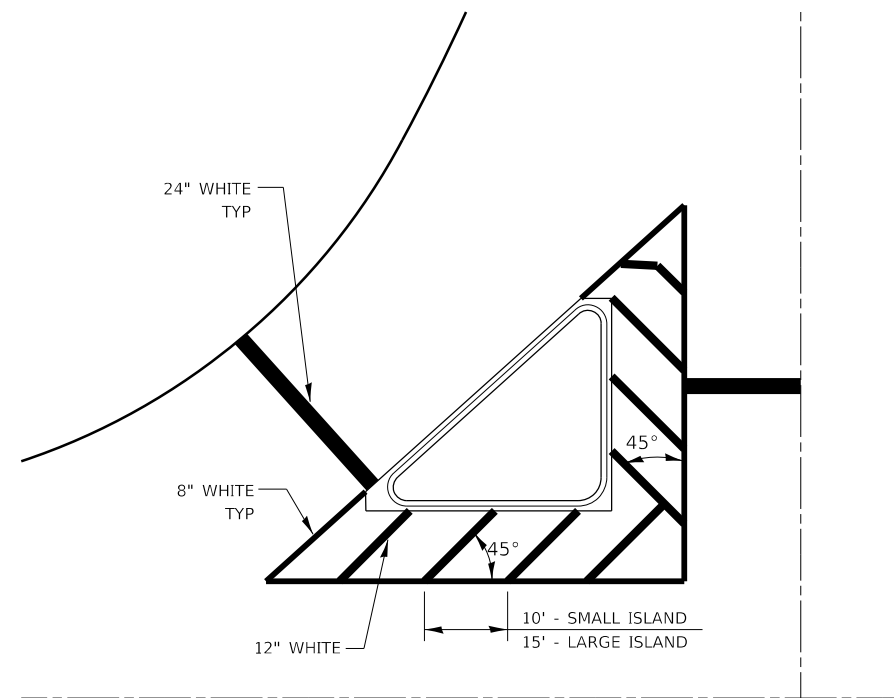


TO BE POST MOUNTED AS SHOWN ELSEWHERE IN THE PLANS.

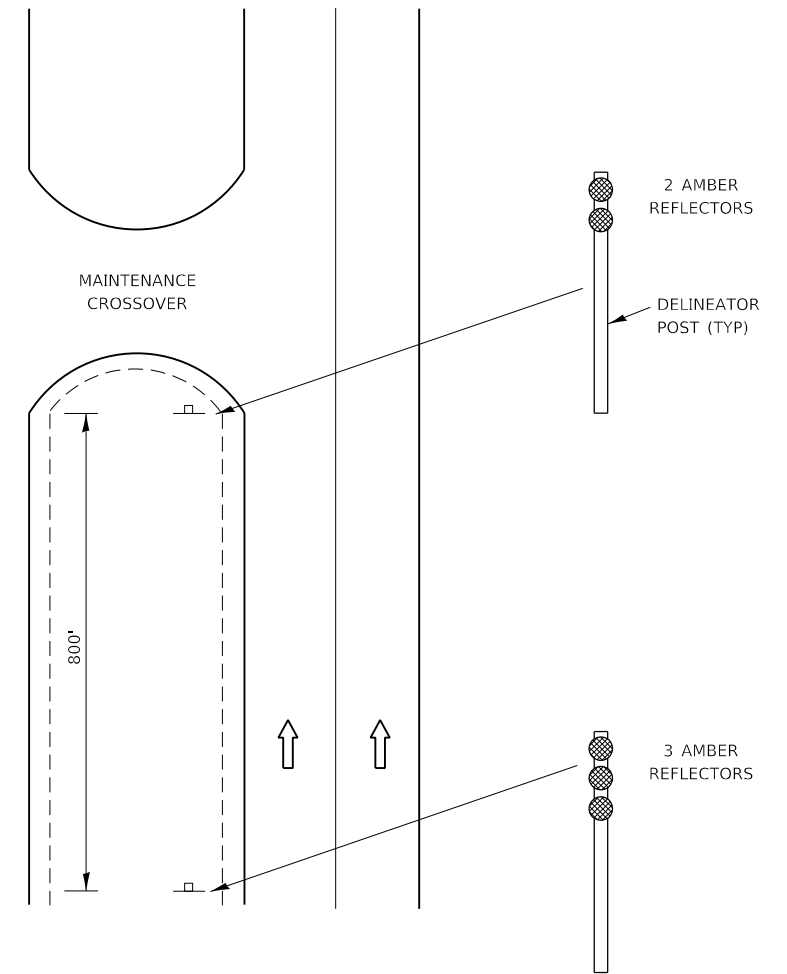
COST OF SUPPLYING, INSTALLING, MAINTAINING AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

### WIDTH RESTRICTION SIGNING DETAILS

FILE NAME =	USER NAME = Cody_MJohnson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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Default		CHECKED -	REVISED -		CONTRACT NO. 66J65										
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



**TYPICAL ISLAND**



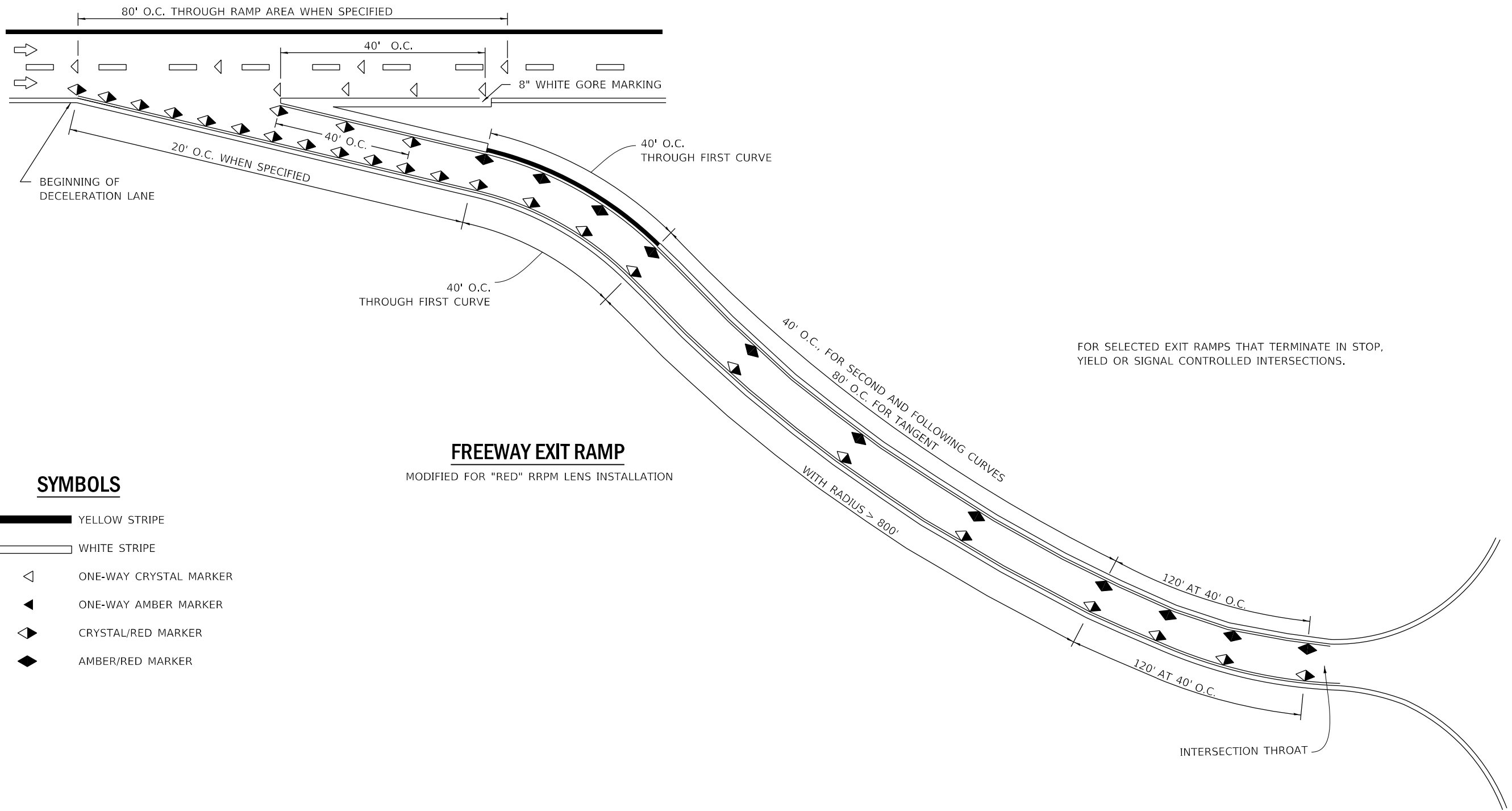
**DELINEATION FOR MAINTENANCE CROSSOVER (TYPICAL FOR BOTH DIRECTIONS)**

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
pw:\illdot-pw\benfey.com\PWDOT\Documents\IDOT Office\District 3\Projects\D366J65\CADData\CADsheets\D366J65-4		DRAWN -	REVISED -
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4, BRR	BUREAU	208	124
CONTRACT NO. 66J65				
ILLINOIS		FED. AID PROJECT		









FOR SELECTED EXIT RAMP THAT TERMINATE IN STOP, YIELD OR SIGNAL CONTROLLED INTERSECTIONS.

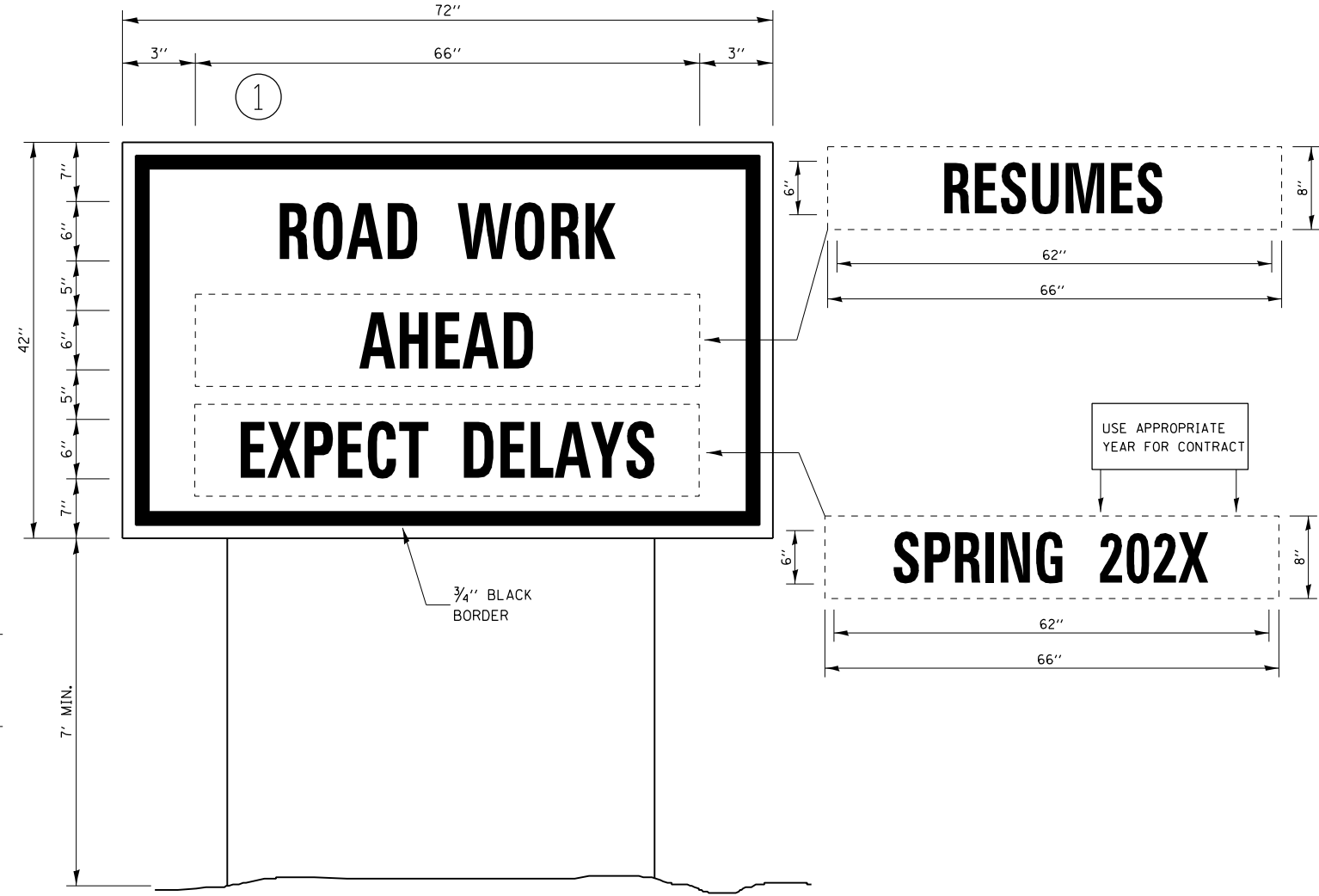
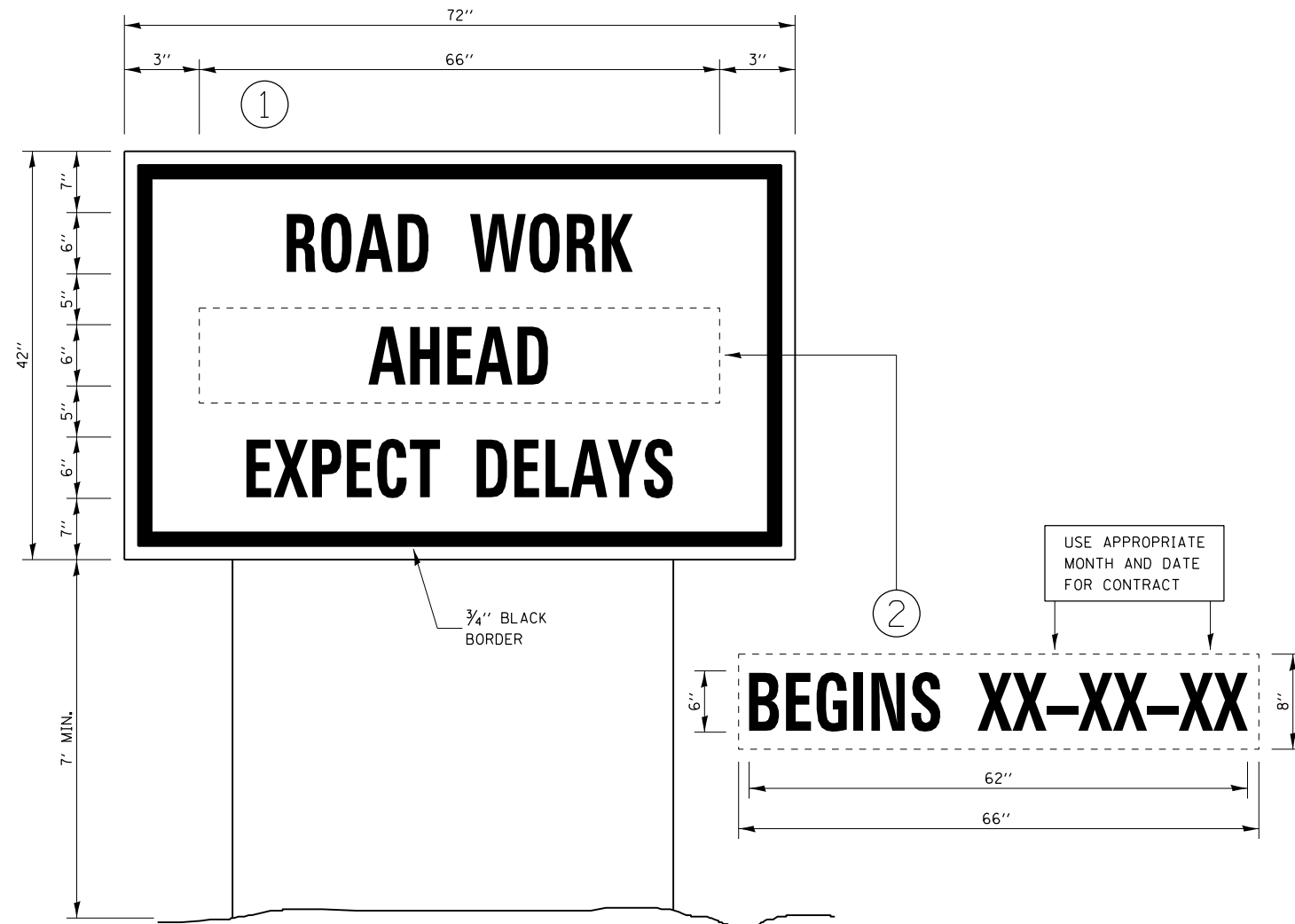
### FREEWAY EXIT RAMP

MODIFIED FOR "RED" RRPM LENS INSTALLATION

### SYMBOLS

-  YELLOW STRIPE
-  WHITE STRIPE
-  ONE-WAY CRYSTAL MARKER
-  ONE-WAY AMBER MARKER
-  CRYSTAL/RED MARKER
-  AMBER/RED MARKER

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RAISED REFLECTIVE MARKERS AT FREEWAY</b>			F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\66J65\CADData\CADsheets\66J65-4	DRAWN -	REVISED -	80					(06-1,06-2)RS-4, BRR	BUREAU	208	125	
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.					



**TEMPORARY INFORMATION SIGNING**

**WINTER SHUT DOWN SIGNING**

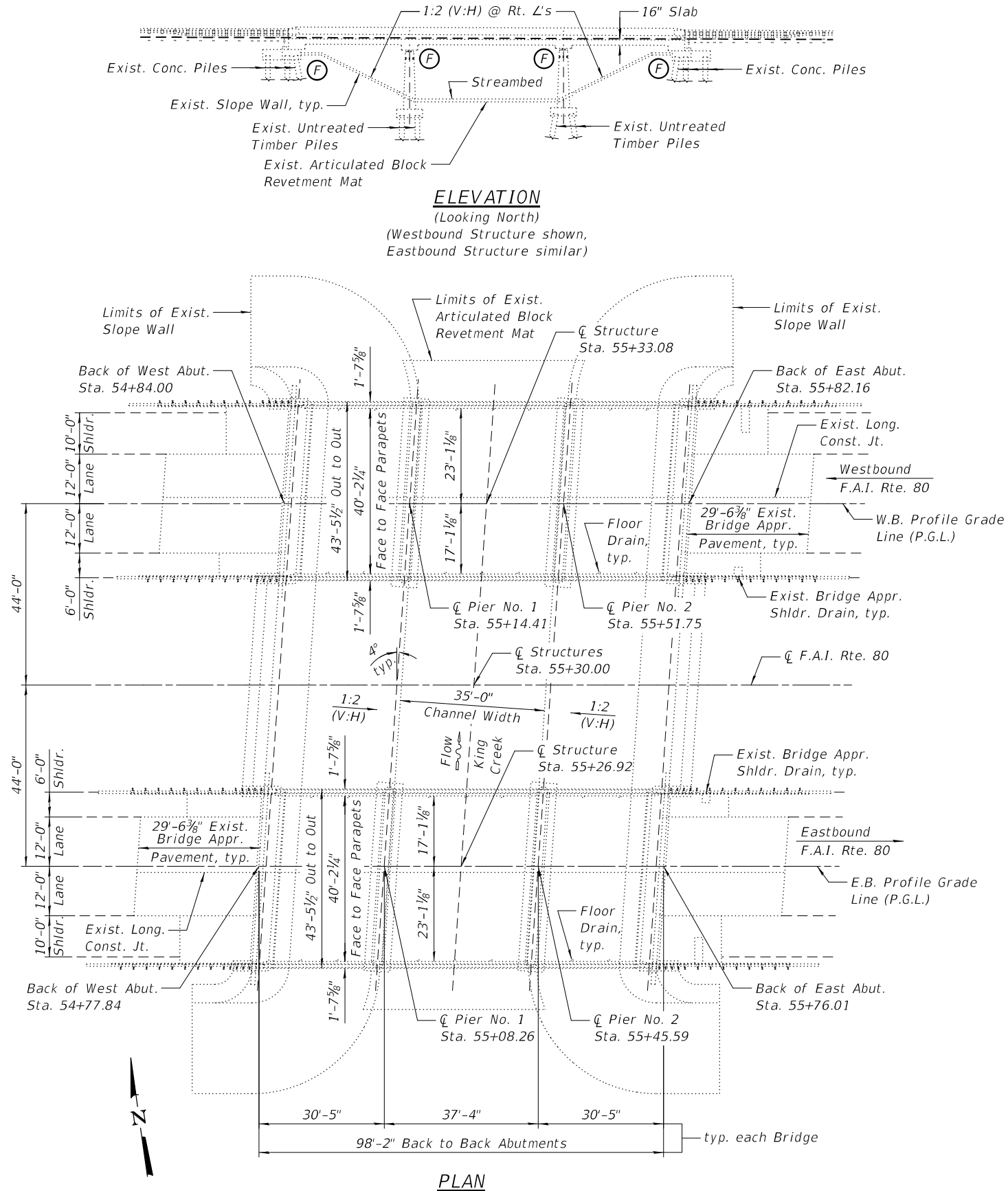
**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME =	USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>				F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\illdot-pw\benfey.com\PWIDOT\Documents\IDOT Office\District 3\Projects\I366J65\CADData\CADsheets\I366J65-4		DRAWN -	REVISED -		80	(06-1,06-2)RS-4, BRR	BUREAU	208	126				
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66J65				ILLINOIS	FED. AID PROJECT			
	PLOT DATE = 2/2/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			

Existing Structure: S.N. 006-0001 (E.B.) and S.N. 006-0002 (W.B.) were constructed in 1963 as Section 06-1B. In 2003, the three-span continuous C.I.P. concrete superstructures were replaced, and the abutments converted to integral. The integral abutments are supported by concrete piles, while the solid wall piers are supported by untreated timber piles. The back-to-back of abutments length measures 98'-2" and the out-to-out deck measures 43'-5½". The span lengths are 30'-5", 37'-4", and 30'-5". The structures are skewed 4°00'00" left forward. Traffic shall be maintained utilizing crossovers during construction.

No Salvage.



**SCOPE OF WORK**

- 1.) Traffic shall be maintained utilizing crossovers during construction.
- 2.) Repair of concrete approach slabs.
- 3.) Crack sealing of approach slabs and slab bridge.
- 4.) Sealing of joint between approach slabs and slab bridge.
- 5.) Structural repair of concrete at Pier No. 1 Eastbound Bridge.
- 6.) Channel excavation to top of existing slope walls or articulated block revetment mat.
- 7.) Repair existing slope walls.

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	GENERAL PLAN AND ELEVATION
2	GENERAL DATA AND MISCELLANEOUS DETAILS
3	SLAB BRIDGE AND APPROACH SLAB REPAIRS
4	SLAB BRIDGE AND APPROACH SLAB REPAIRS - AS BUILT
5	CHANNEL EXCAVATION
6	SLOPE WALL REPAIRS

**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications for Highway Bridges

**EXISTING DESIGN STRESSES**

FIELD UNITS (2003):

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)  
 $f_y = 36,000$  psi (AASHTO M270M)

FIELD UNITS (1963):

$f'_c = 3,500$  psi  
 $f_y = 40,000$  psi (Reinforcement)  
 $f_y = 36,000$  psi (Structural Steel)

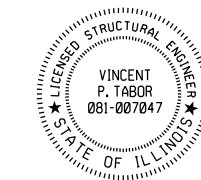
**PROPOSED DESIGN STRESSES**

FIELD UNITS:

$f_y = 60,000$  psi (Reinforcement)

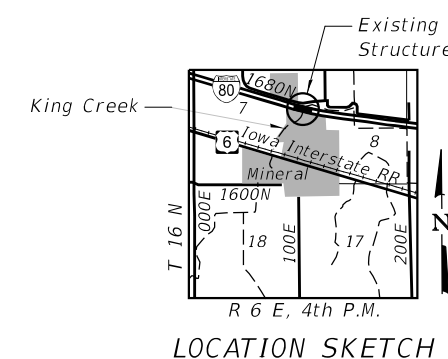
**LOADING HS20-44 & ALT. MILITARY**

Allow 50#/sq. ft. for future wearing surface.



Vincent P. Tabor 1/13/2023

Vincent P. Tabor  
 Licensed Structural Engineer  
 State of Illinois No. 081-007047  
 Expires 11/30/2024



**I-80 OVER KING CREEK**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**  
**BUREAU COUNTY**  
**STATION 55+30.00**  
**STRUCTURE NO. 006-0001 (E.B.)**  
**STRUCTURE NO. 006-0002 (W.B.)**



DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION

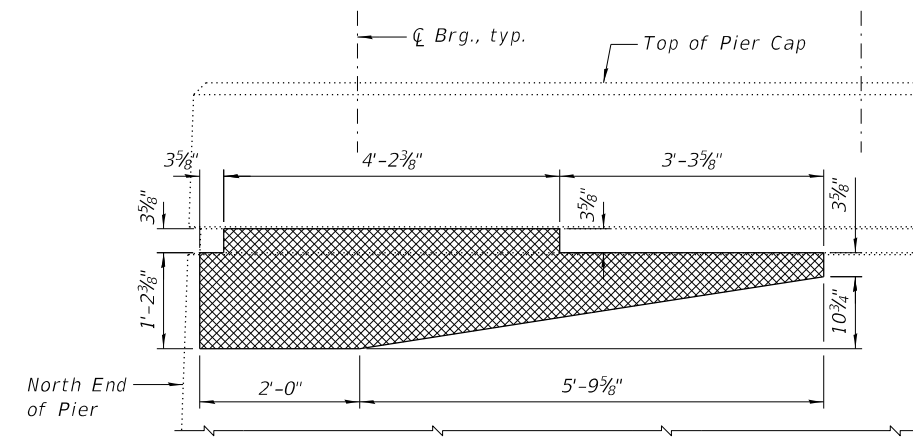
SHEET NO. 1 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	127
			CONTRACT NO. 66165	

ILLINOIS

TOTAL BILL OF MATERIAL


ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	953
Protective Coat	Sq. Yd.	3
Concrete Sealer	Sq. Ft.	6
Epoxy Crack Injection	Foot	933
Approach Slab Repair (Partial Depth)	Sq. Yd.	2
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	6
Deck Slab Repair (Partial)	Sq. Yd.	1
Slope Wall Repair	Sq. Yd.	116
Slope Wall Slurry Pumping	Cu. Yd.	46.6



PIER REPAIR DETAIL - PARTIAL ELEVATION

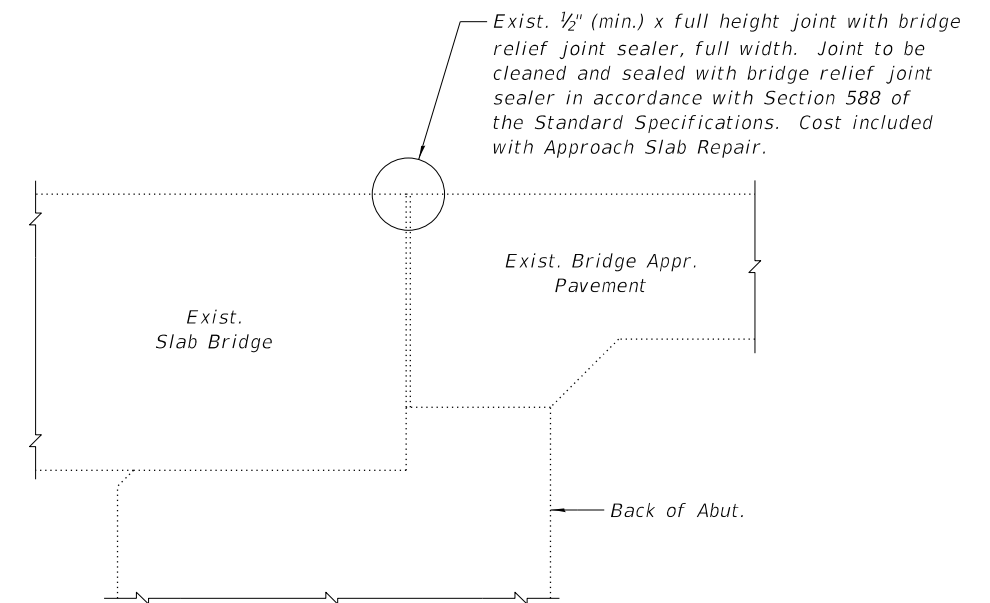
(Pier No. 1 Eastbound Structure  
Looking East)

LEGEND

 Structural Repair of Concrete  
(Depth Equal to or Less than  
5 inches)

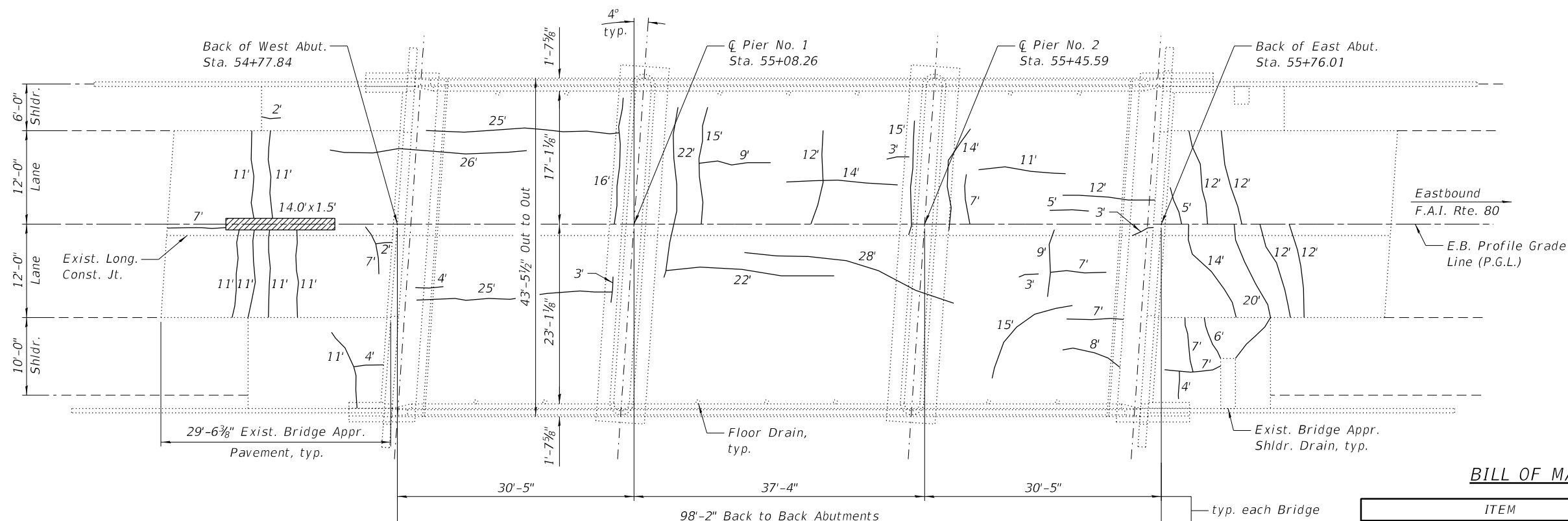
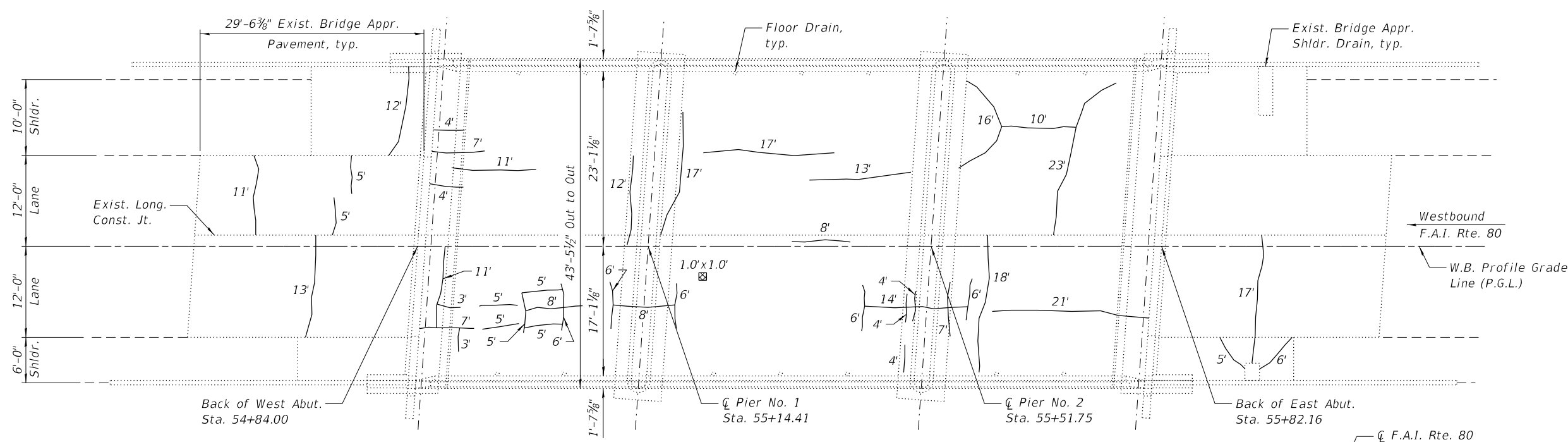
GENERAL NOTES:

- 1.) Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new constructions and make necessary approved adjustments prior to construction or ordering of materials. Such variation shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 2.) Protective Coat shall be applied to the finished surfaces of all deck and approach slab repairs.
- 3.) The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. This final finish will not be measured for payment, but shall be included in the contract unit price for the associated work.
- 4.) Concrete Sealer shall be applied to areas receiving Structural Repair of Concrete.
- 5.) The Contractor may request copies of existing construction plans that are currently on file with the Department. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Department.



BRIDGE RELIEF JOINT SEALER DETAIL





**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Epoxy Crack Injection	Foot	933
Approach Slab Repair (Partial Depth)	Sq. Yd.	2
Deck Slab Repair (Partial)	Sq. Yd.	1

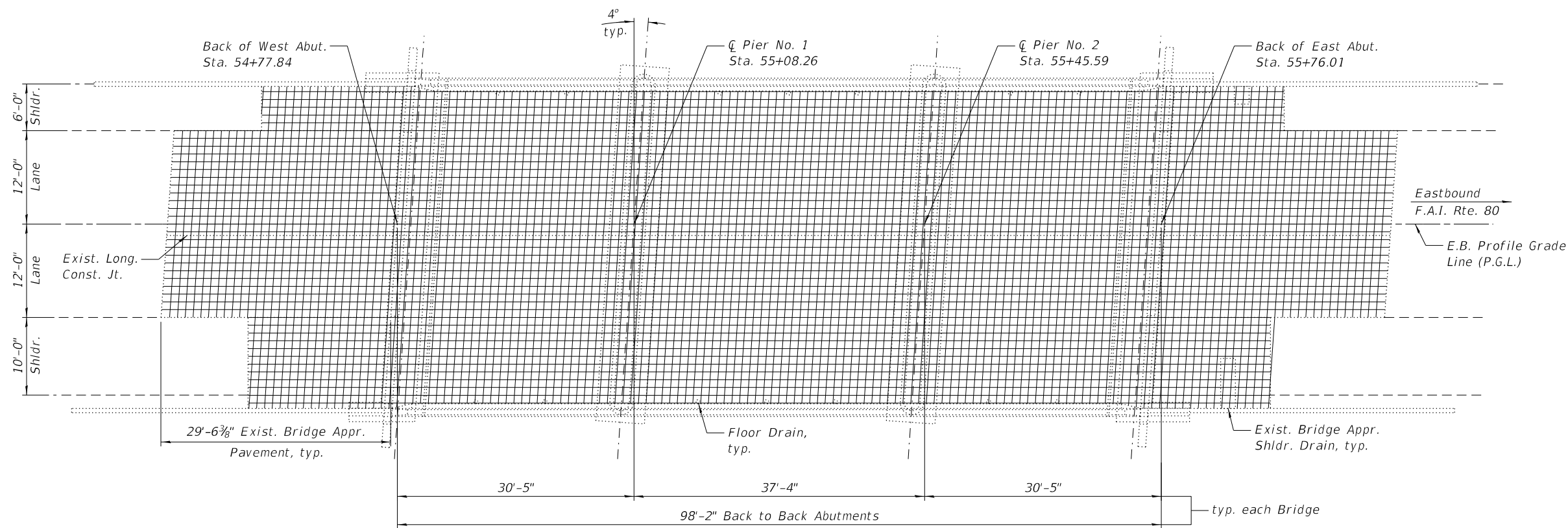
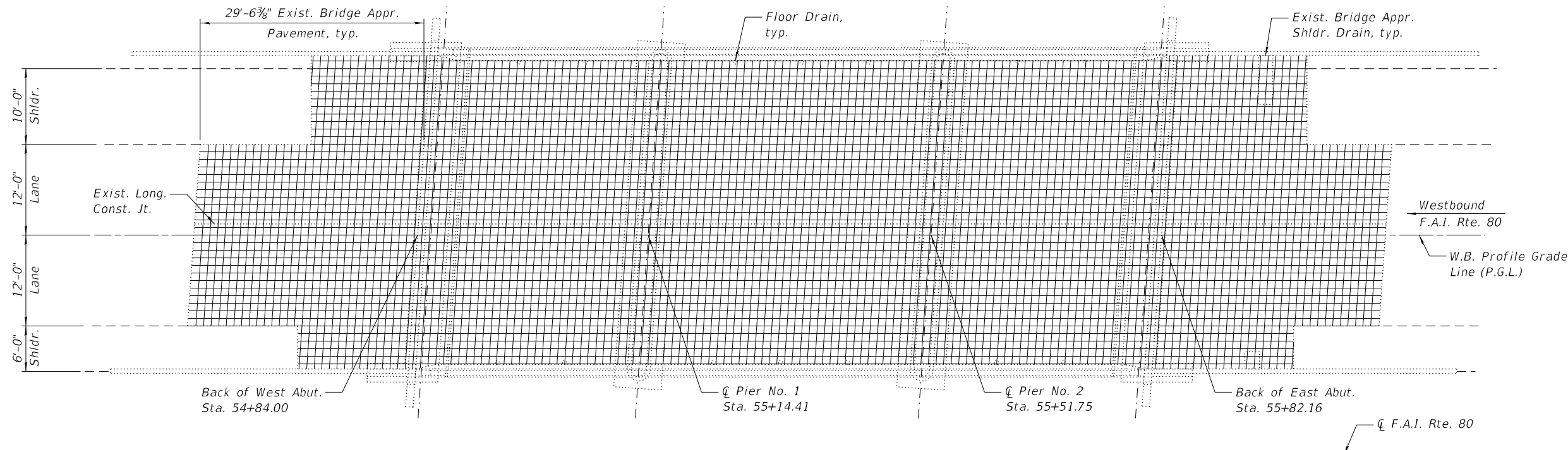
**NOTE:**  
The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions, and documented by the Engineer on the As Built plan sheet.

**LEGEND**

- Approach Slab Repair (Partial)
- Deck Slab Repair (Partial)
- L.F. Epoxy Crack Injection

PLAN





PLAN



**NOTES:**

- 1.) The Engineer shall record the As Built deck slab and approach slab repair areas on this sheet.
- 2.) The reference grid was drawn in 1' transverse and longitudinal increments.



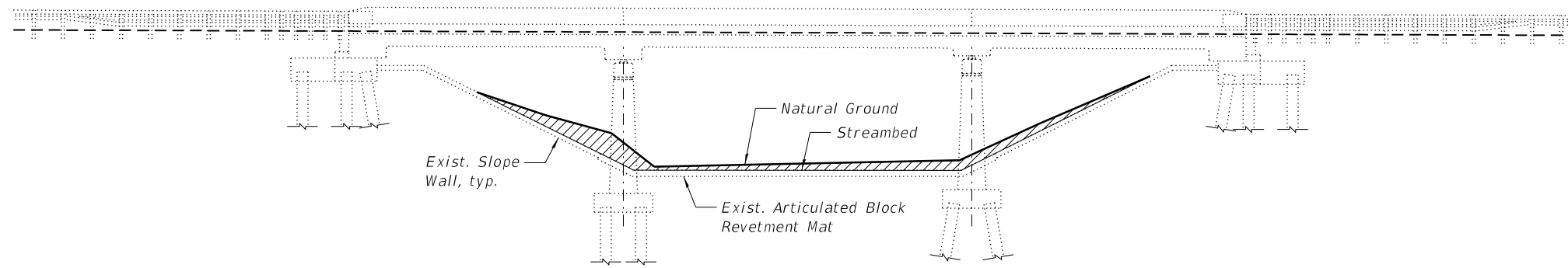
DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SLAB BRIDGE AND APPROACH SLAB REPAIRS - AS BUILT  
STRUCTURE NO. 006-0001 (E.B.) & 006-0002 (W.B.)

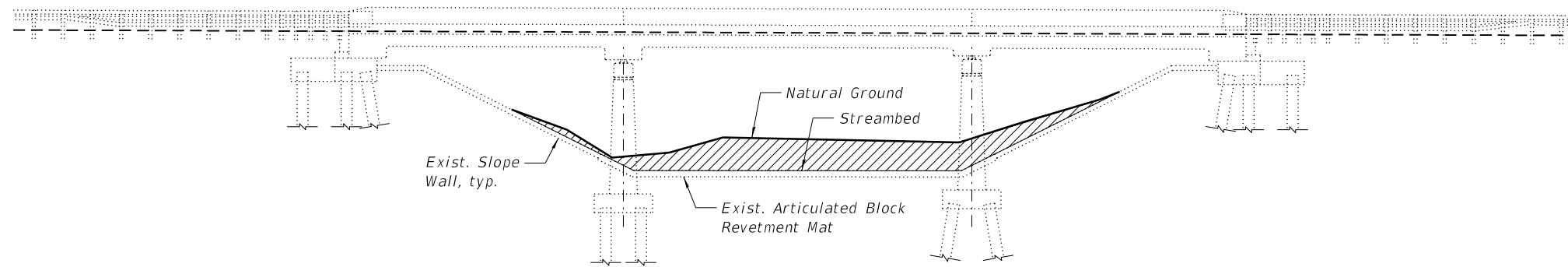
SHEET NO. 4 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	130
CONTRACT NO. 66J65			ILLINOIS	



**ELEVATION S.N. 0006-0002**  
 (Looking North - South Face)  
 (Westbound Structure)

Approximate Channel Excavation = 64.2 sq. ft.



**ELEVATION S.N. 0006-0001**  
 (Looking North - South Face)  
 (Eastbound Structure)

Approximate Channel Excavation = 138.7 sq. ft.

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	953

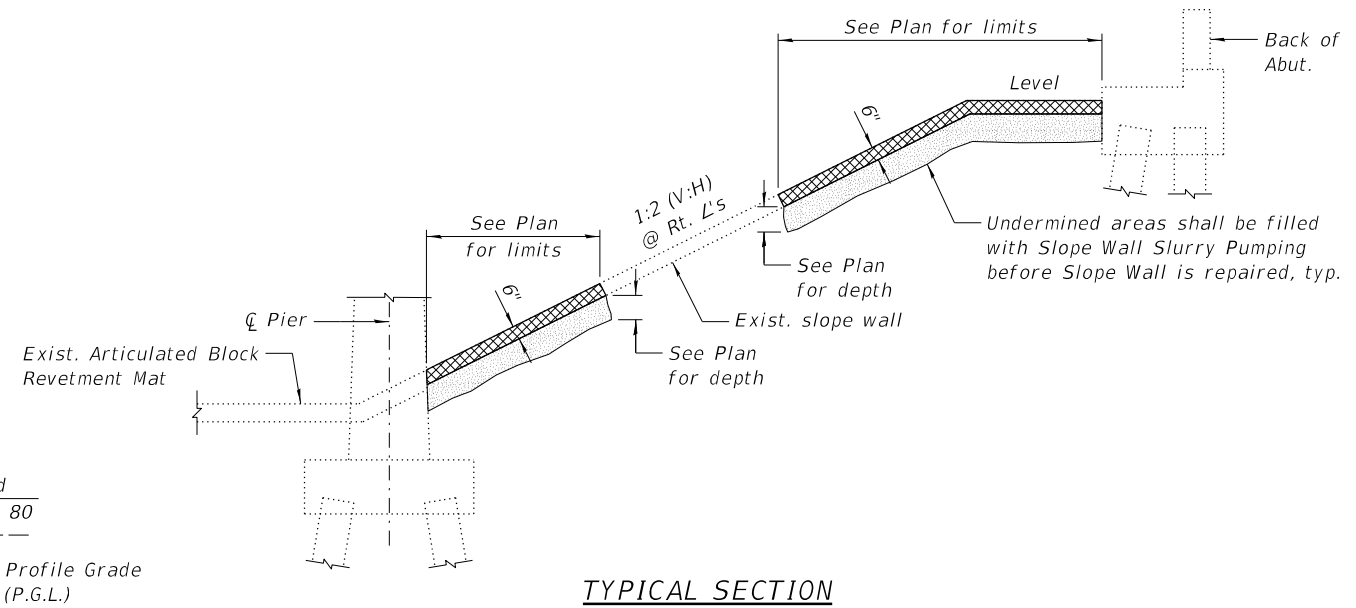
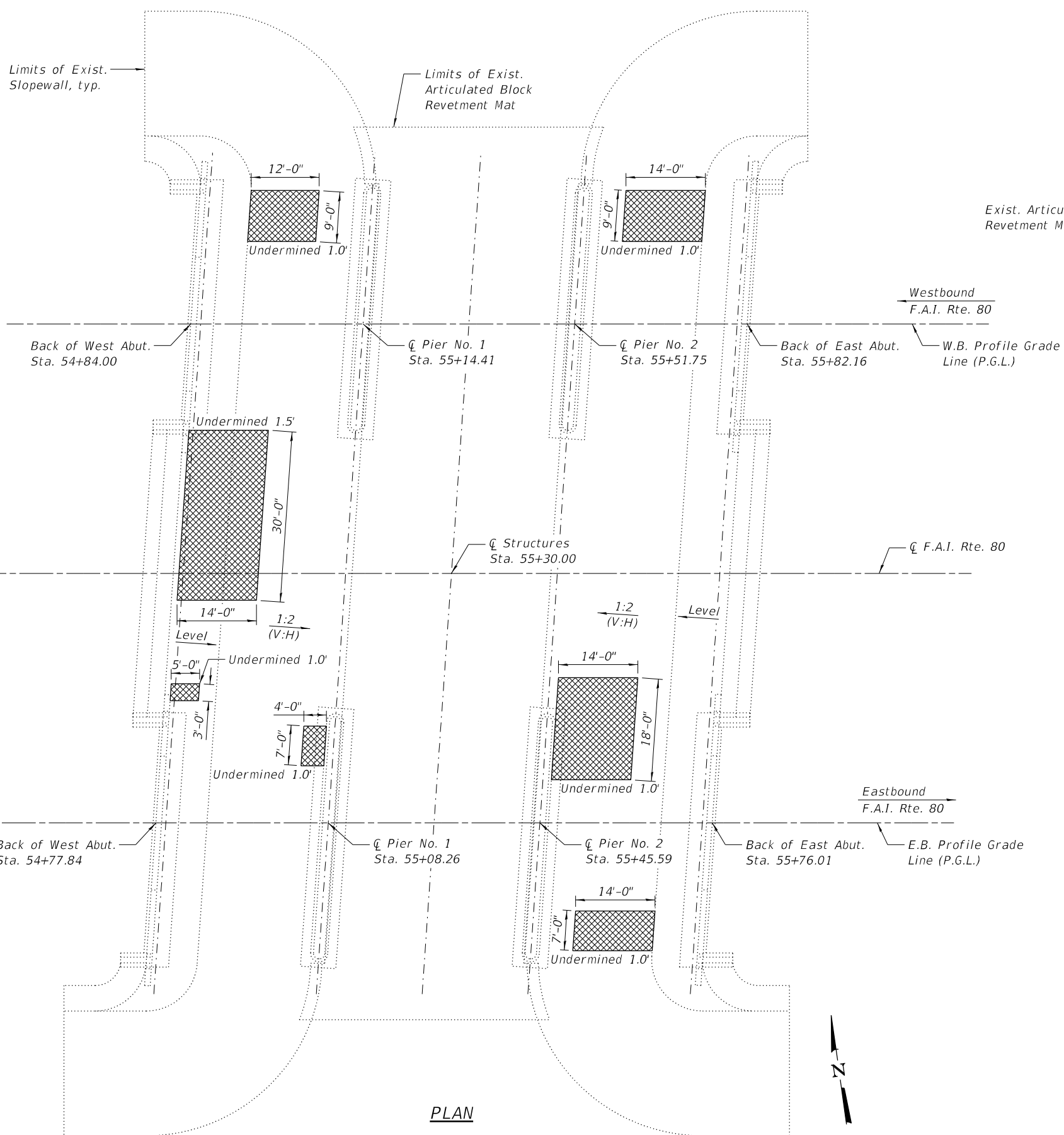
(Combined Channel Excavation for both structures)

**LEGEND**



**NOTES:**

- 1.) The average of the two areas noted on the plans were utilized to calculate the Channel Excavation volume within the limit of the Right-of-Way. The total Channel Excavation volume has been increased by 10% to account for variability of the natural ground line.
- 2.) Channel cross sections were field measured in June 2022.



**LEGEND**

	Slope Wall Repair
--	-------------------

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Slope Wall Repair	Sq. Yd.	116
Slope Wall Slurry Pumping	Cu. Yd.	46.6

- NOTES:**
- Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft.
  - The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions.

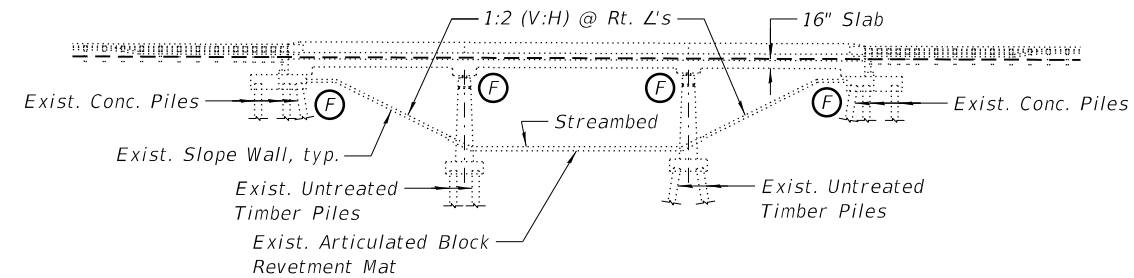
**PLAN**



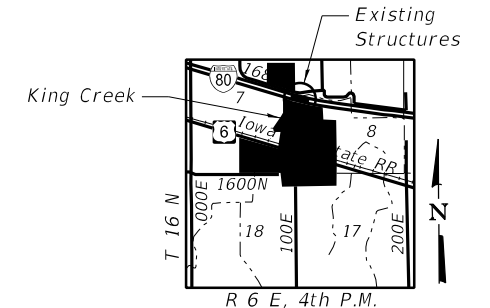
DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	132
			CONTRACT NO. 66J65	
ILLINOIS				

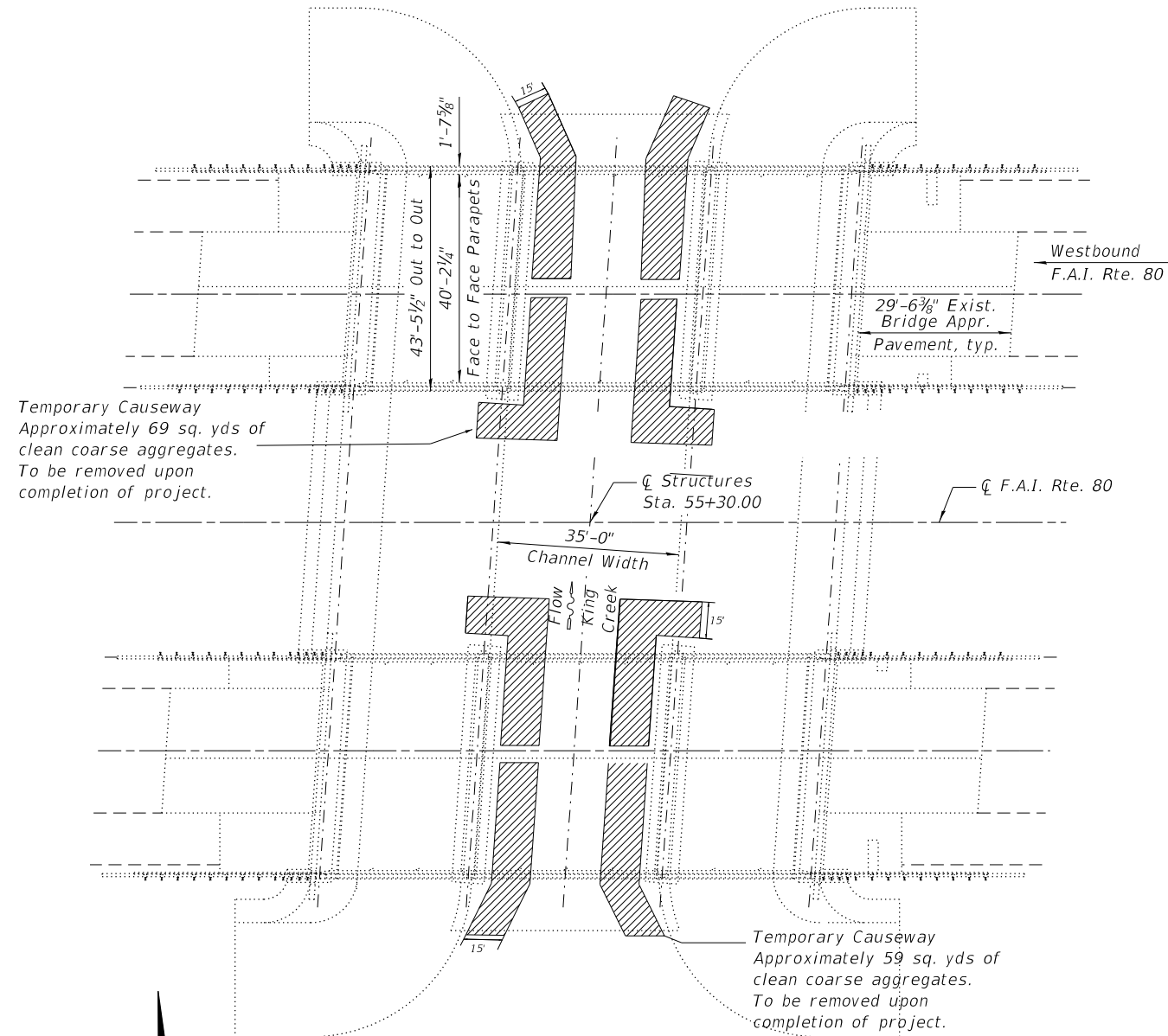
# Exhibit



**ELEVATION**  
(Looking North)  
(Westbound Structure shown,  
Eastbound Structure similar)



**LOCATION SKETCH**



**PLAN**

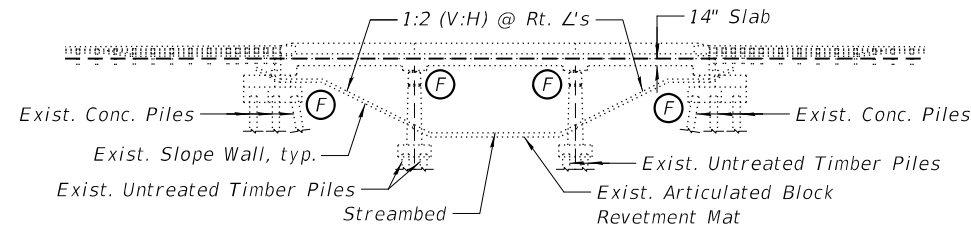
Not Scale

**I-80 OVER KING CREEK**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**  
**BUREAU COUNTY**  
**STATION 55+30.00**  
**STRUCTURE NO. 006-0001 (E.B.)**  
**STRUCTURE NO. 006-0002 (W.B.)**

			REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WORKPAD /CAUSEWAY PLAN SN 006-0001 &amp; SN 006-0002</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		REVISED	80			(06-1, 06-2)ES	BUREAU	208	133		
		REVISED	CONTRACT NO. 66165								
		REVISED	ILLINOIS								

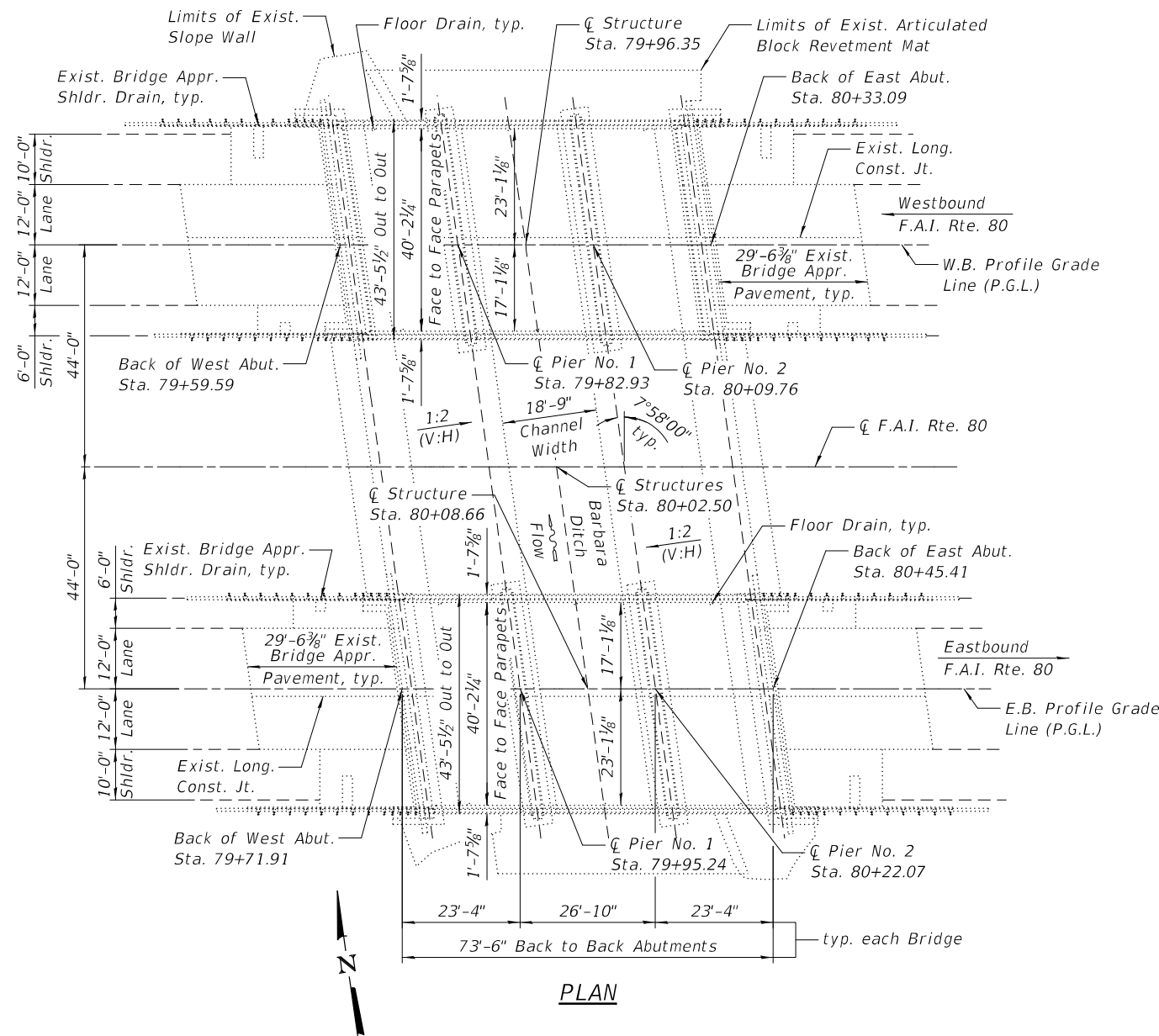
Existing Structure: S.N. 006-0003 (E.B.) and S.N. 006-0004 (W.B.) were constructed in 1963 as Section 06-1B-1. In 2003, the three-span continuous C.I.P. concrete superstructures were replaced, and the abutments converted to integral. The integral abutments are supported by concrete piles, while the solid wall piers are supported by timber piles. The back-to-back of abutments length measures 73'-6" and the out-to-out deck measures 43'-5½". The span lengths are 23'-4", 26'-10", and 23'-4". The structures are skewed 7°58'00" right forward. Traffic shall be maintained utilizing crossovers during construction.

No Salvage.



**ELEVATION**

(Looking North)  
(Westbound Structure shown,  
Eastbound Structure similar)



**PLAN**

**SCOPE OF WORK**

- 1.) Traffic shall be maintained utilizing crossovers during construction.
- 2.) Repair of concrete approach slabs.
- 3.) Crack sealing of approach slabs and slab bridge.
- 4.) Sealing of joint between approach slabs and slab bridge.
- 5.) Channel excavation to top of existing slope walls or articulated block revetment mat.
- 6.) Repair existing slope walls.

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	GENERAL PLAN AND ELEVATION
2	GENERAL DATA AND MISCELLANEOUS DETAILS
3	SLAB BRIDGE AND APPROACH SLAB REPAIRS
4	SLAB BRIDGE AND APPROACH SLAB REPAIRS - AS BUILT
5	CHANNEL EXCAVATION
6	SLOPE WALL REPAIRS

**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications  
for Highway Bridges

**EXISTING DESIGN STRESSES**

FIELD UNITS (2003):

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)  
fy = 36,000 psi (AASHTO M270M)

FIELD UNITS (1963):

f'c = 3,500 psi  
fy = 40,000 psi (Reinforcement)  
fy = 36,000 psi (Structural Steel)

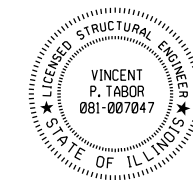
**PROPOSED DESIGN STRESSES**

FIELD UNITS:

fy = 60,000 psi (Reinforcement)

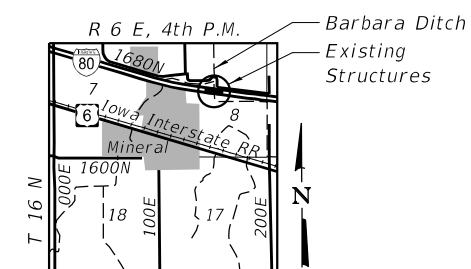
**LOADING HS20-44 & ALT. MILITARY**

Allow 50#/sq. ft. for  
future wearing surface.



Vincent P. Tabor 1/13/2023

Vincent P. Tabor  
Licensed Structural Engineer  
State of Illinois No. 081-007047  
Expires 11/30/2024



**LOCATION SKETCH**

**I-80 OVER BARBARA DITCH**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**

**BUREAU COUNTY**

**STATION 80+02.50**

**STRUCTURE NO. 006-0003 (E.B.)**

**STRUCTURE NO. 006-0004 (W.B.)**



DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**

SHEET NO. 1 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	134
			CONTRACT NO. 66165	

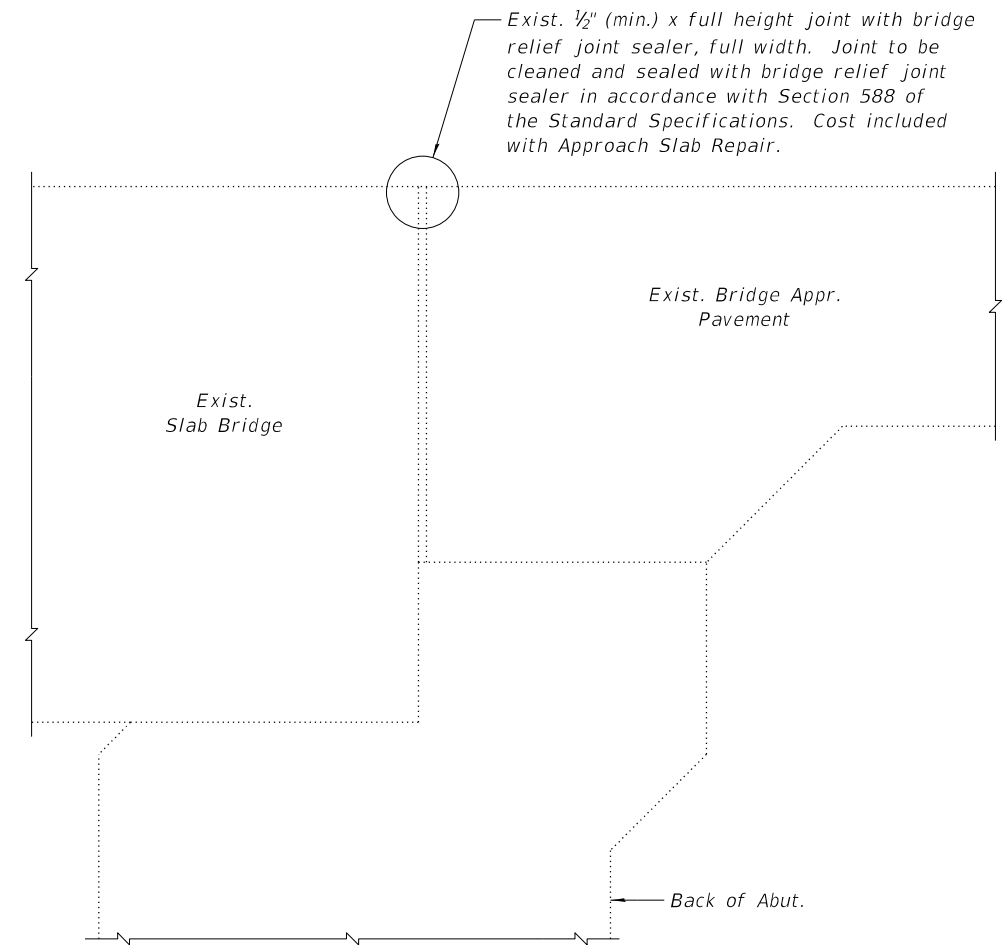
ILLINOIS

TOTAL BILL OF MATERIAL

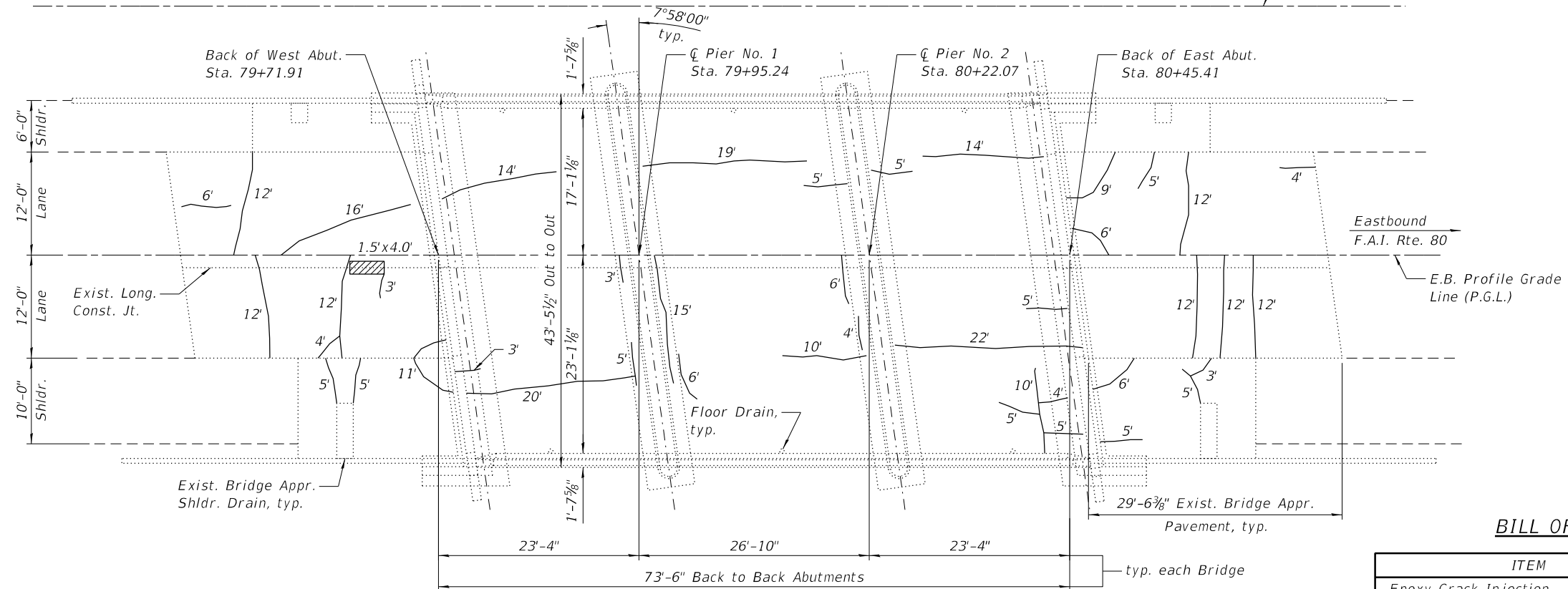
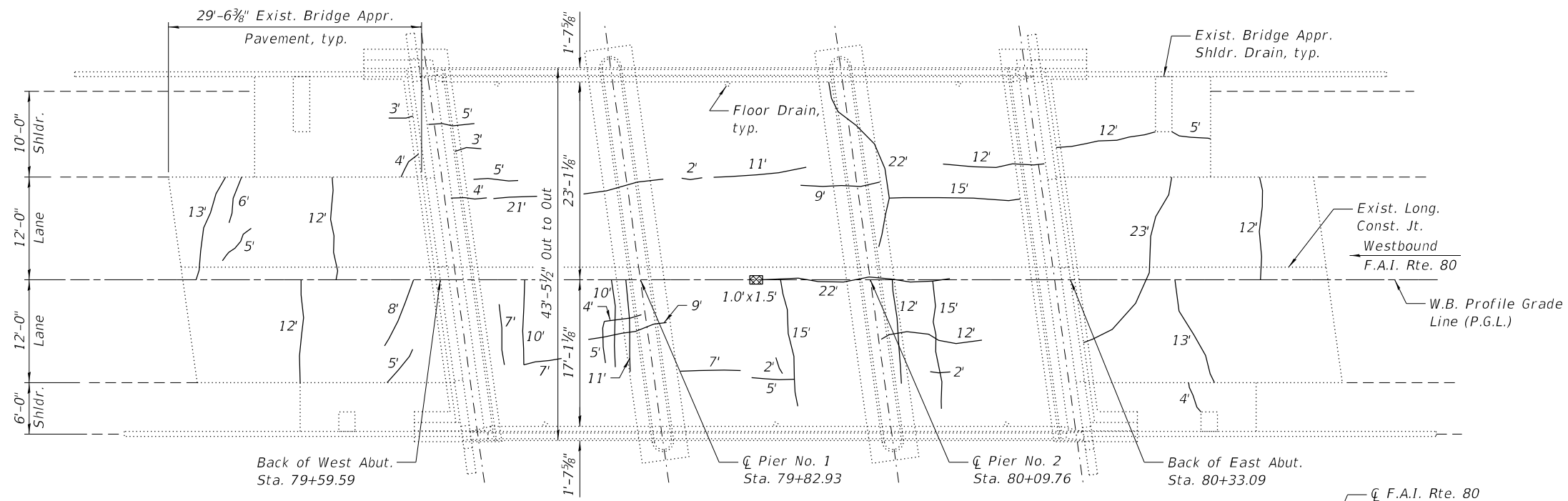
ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	247
Protective Coat	Sq. Yd.	2
Epoxy Crack Injection	Foot	758
Approach Slab Repair (Partial Depth)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	1
Slope Wall Repair	Sq. Yd.	231
Slope Wall Slurry Pumping	Cu. Yd.	135.1

GENERAL NOTES:

- 1.) Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new constructions and make necessary approved adjustments prior to construction or ordering of materials. Such variation shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 2.) Protective Coat shall be applied to the finished surfaces of all deck and approach slab repairs.
- 3.) The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. This final finish will not be measured for payment, but shall be included in the contract unit price for the associated work.
- 4.) The Contractor may request copies of existing construction plans that are currently on file with the Department. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Department.






BRIDGE RELIEF JOINT SEALER DETAIL



PLAN



**LEGEND**

-  Approach Slab Repair (Partial Depth)
-  Deck Slab Repair (Partial)
-  L.F. Epoxy Crack Injection

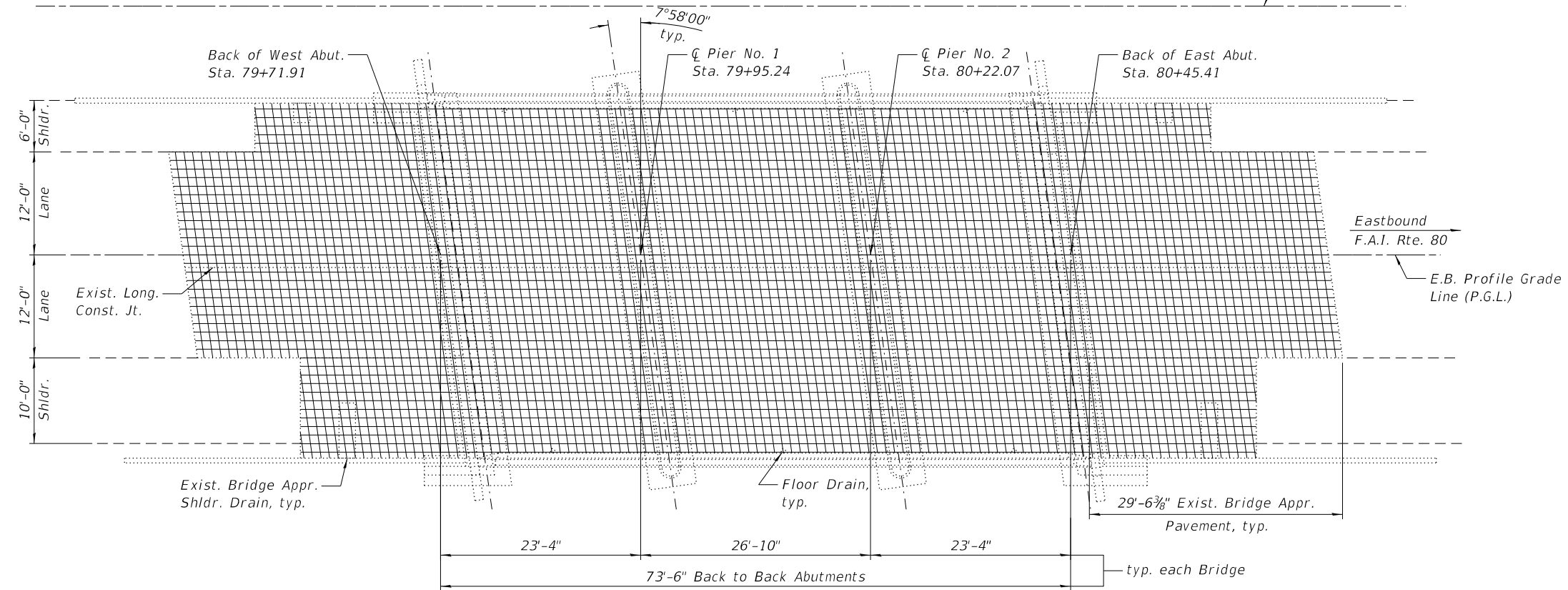
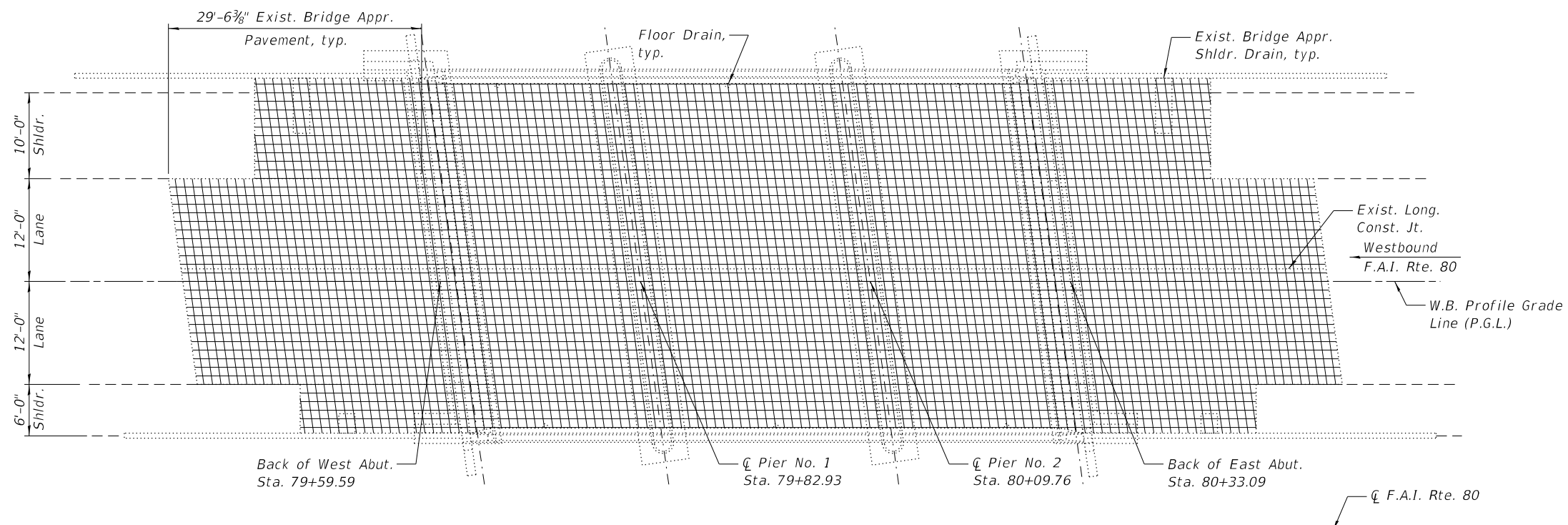
**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Epoxy Crack Injection	Foot	758
Approach Slab Repair (Partial Depth)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	1

**NOTE:**

The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions, and documented by the Engineer on the As Built plan sheet.





PLAN

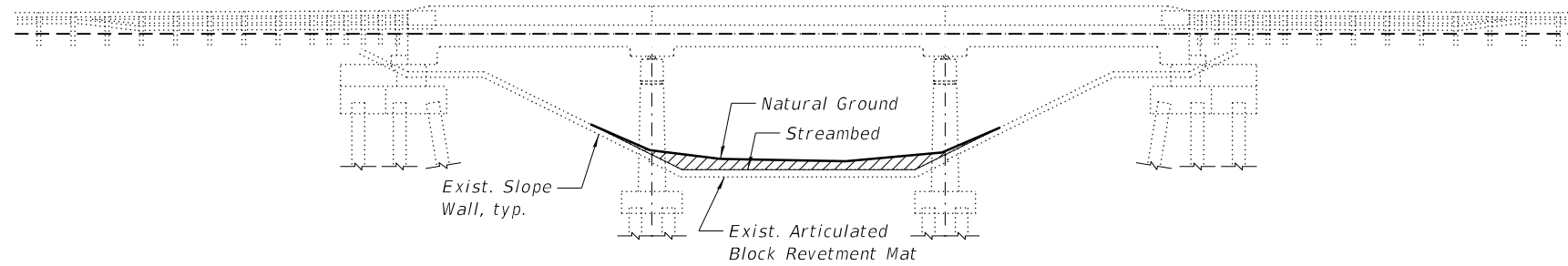


**NOTES:**

- 1.) The Engineer shall record the As Built deck slab and approach slab repair areas on this sheet.
- 2.) The reference grid was drawn in 1' transverse and longitudinal increments.

DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	

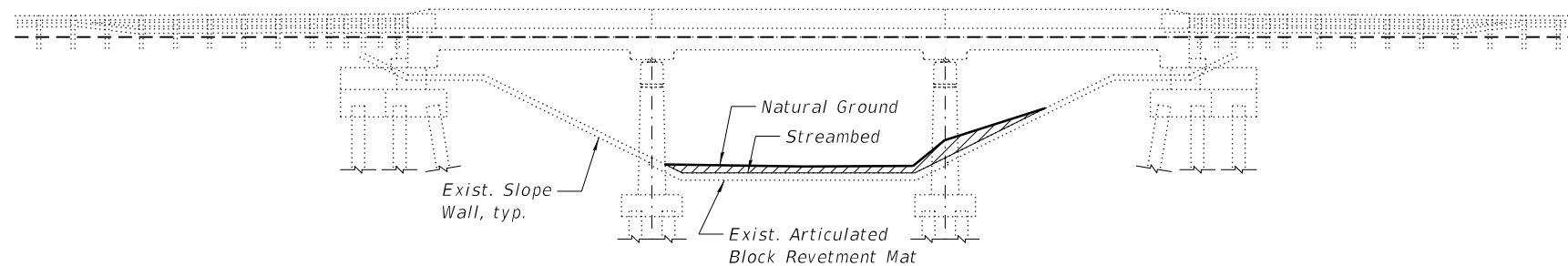
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	137
CONTRACT NO. 66J65			ILLINOIS	



**ELEVATION S.N. 0006-0004**

(Looking North - South Face)  
(Westbound Structure)

Approximate Channel Excavation = 27.4 sq. ft.



**ELEVATION S.N. 0006-0003**

(Looking North - South Face)  
(Eastbound Structure)

Approximate Channel Excavation = 24.8 sq. ft.

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	247

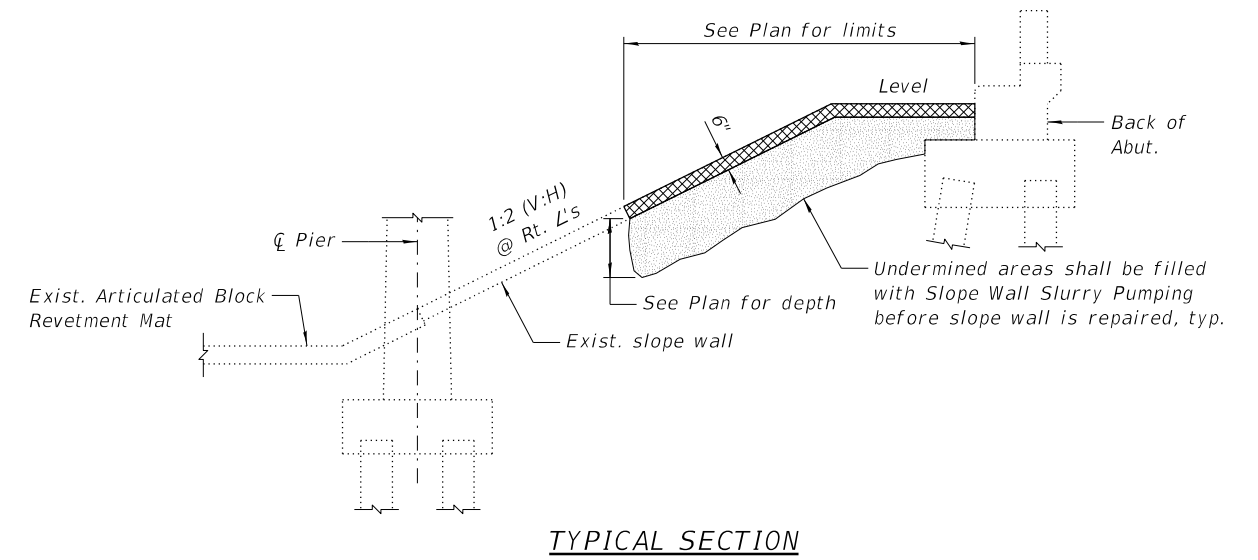
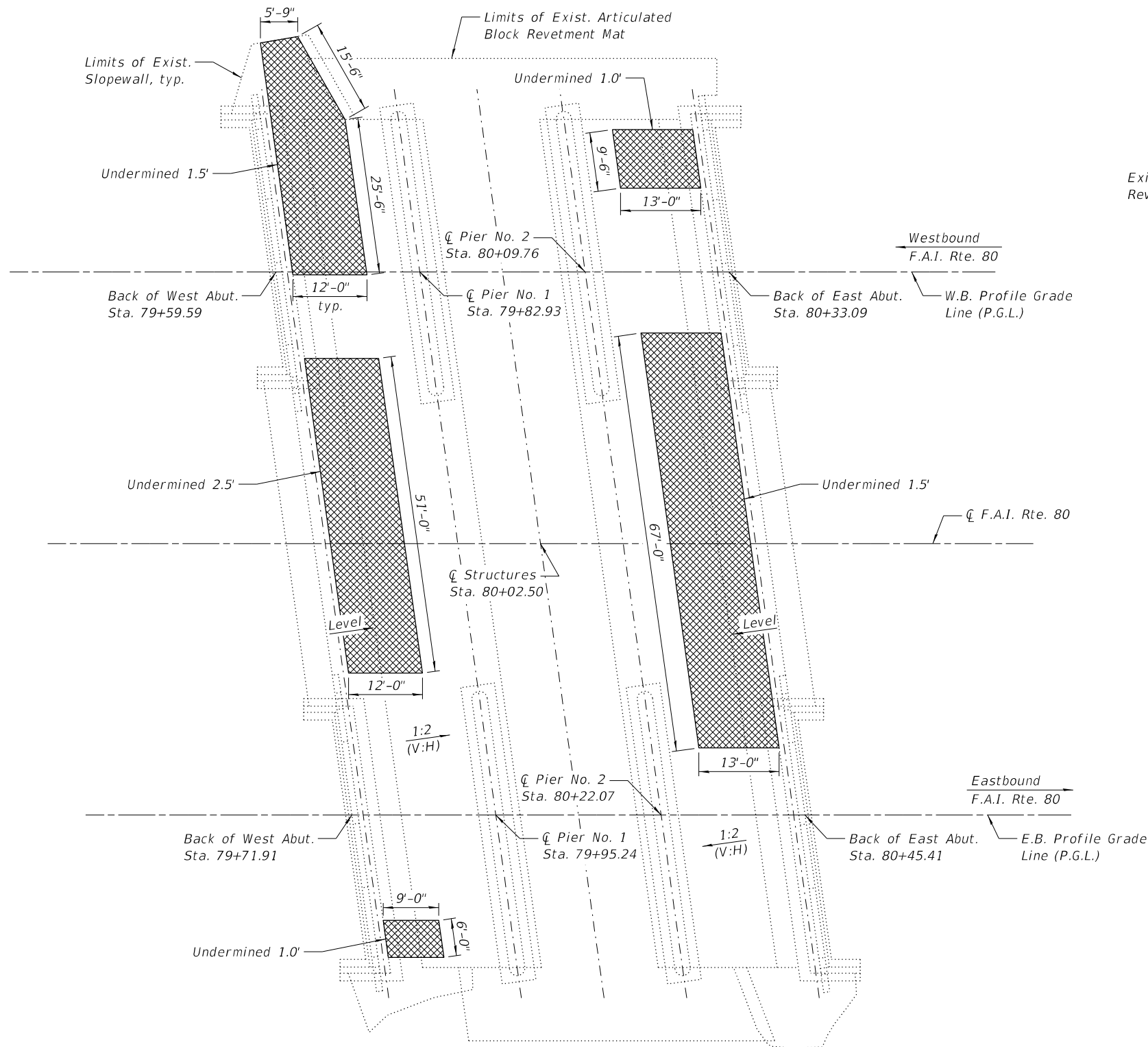
(Combined Channel Excavation for both structures)

**LEGEND**



**NOTES:**

- 1.) The average of the two areas noted on the plans were utilized to calculate the Channel Excavation volume within the limit of the Right-of-Way. The total Channel Excavation volume has been increased by 10% to account for variability of the natural ground line.
- 2.) Channel cross sections were field measured in June 2022.



**LEGEND**

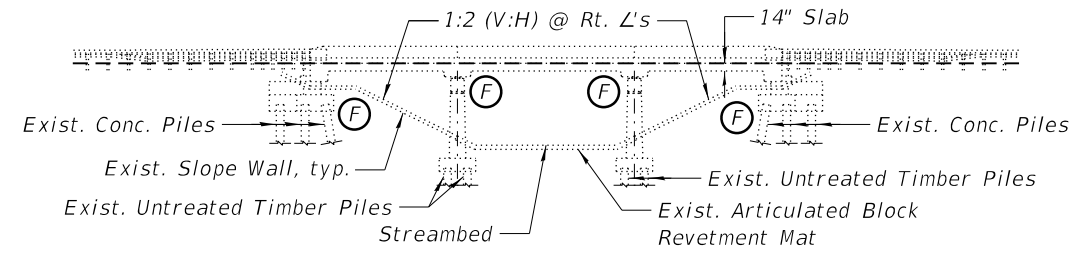
	Slope Wall Repair
--	-------------------

**BILL OF MATERIAL**

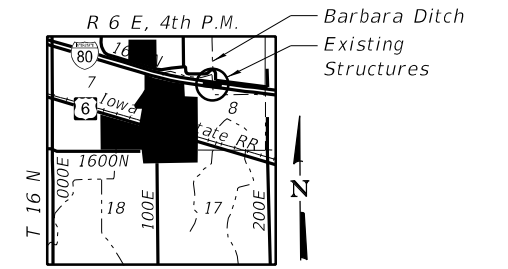
ITEM	UNIT	TOTAL
Slope Wall Repair	Sq. Yd.	231
Slope Wall Slurry Pumping	Cu. Yd.	135.1

- NOTES:**
- Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
  - The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions.

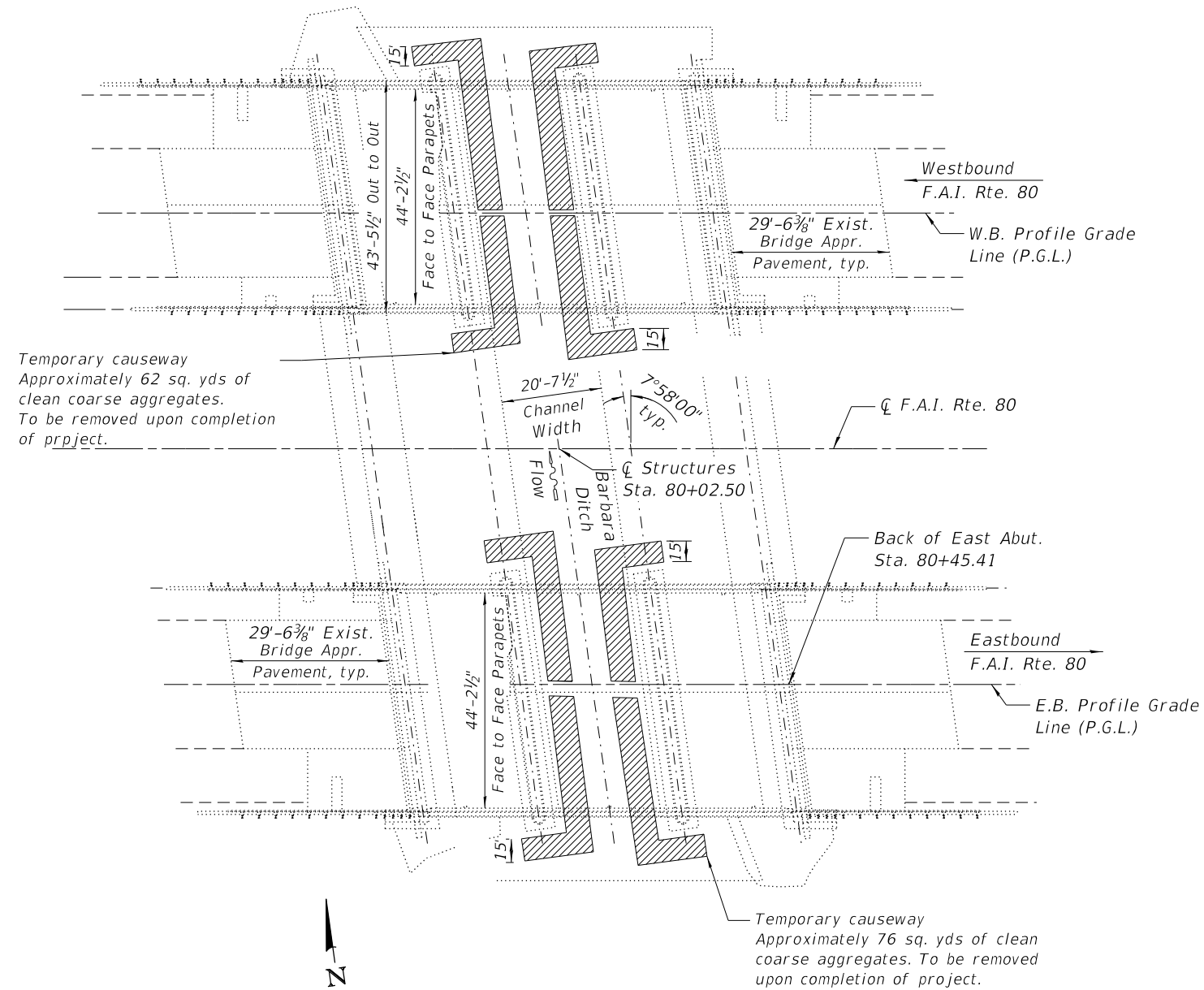
# Exhibit



**ELEVATION**  
(Looking North)  
(Westbound Structure shown,  
Eastbound Structure similar)



**LOCATION SKETCH**



**PLAN**

Not to scale

**I-80 OVER BARBARA DITCH**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**  
**BUREAU COUNTY**  
**STATION 80+02.50**  
**STRUCTURE NO. 006-0003 (E.B.)**  
**STRUCTURE NO. 006-0004 (W.B.)**

			REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WORKPAD /CAUSEWAY PLAN SN 006-0003 &amp; SN 006-0004</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		REVISED	80			(06-1, 06-2)ES	BUREAU	208	140	
		REVISED				CONTRACT NO. 66165				
		REVISED				ILLINOIS				

Existing Structure: S.N. 006-0005 (E.B.) and S.N. 006-0006 (W.B.) were constructed in 1963 as Section 06-1B-2. In 2003, the three-span continuous C.I.P. concrete superstructures and expansion joints were replaced. The stub abutments are supported by concrete piles, while the solid wall piers are supported by timber piles. The back-to-back of abutments length measures 116'-0" and the out-to-out deck measures 43'-5½". The span lengths are 36'-2", 43'-8", and 36'-2". The structures are skewed 40°00'00" right forward. Traffic shall be maintained utilizing crossovers during construction.

No Salvage.

**SCOPE OF WORK**

- 1.) Traffic shall be maintained utilizing crossovers during construction.
- 2.) Removal of expansion joints and conversion to integral abutments.
- 3.) Scarification of approach slabs and slab bridge.
- 4.) Repair of concrete approach slabs.
- 5.) Adjustment of frames and grates of existing approach shoulder inlets.
- 6.) Application of latex concrete overlay to approach slabs and slab bridge.
- 7.) Channel excavation to top of existing slope walls or articulated block revetment mat.
- 8.) Repair existing slope walls.

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	GENERAL PLAN AND ELEVATION
2	GENERAL DATA AND MISCELLANEOUS DETAILS
3	SLAB BRIDGE AND APPROACH SLAB REPAIRS
4	SLAB BRIDGE AND APPROACH SLAB REPAIRS - AS BUILT
5-6	JOINT REMOVAL DETAILS
7-8	JOINT REPLACEMENT DETAILS
9	APPROACH SHOULDER INLET DETAILS
10	CHANNEL EXCAVATION
11	SLOPE WALL REPAIRS

**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications for Highway Bridges

**EXISTING DESIGN STRESSES**

**FIELD UNITS (2003):**  
 $f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)  
 $f_y = 36,000$  psi (AASHTO M270M)

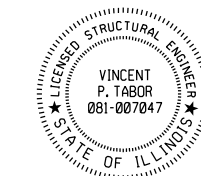
**FIELD UNITS (1963):**  
 $f'_c = 3,500$  psi  
 $f_y = 40,000$  psi (Reinforcement)  
 $f_y = 36,000$  psi (Structural Steel)

**PROPOSED DESIGN STRESSES**

**FIELD UNITS:**  
 $f'_c = 3,500$  psi  
 $f'_c = 4,000$  psi (Superstructure)  
 $f_y = 60,000$  psi (Reinforcement)

**LOADING HS20-44 & ALT. MILITARY**

Allow 25#/sq. ft. for future wearing surface.



Vincent P. Tabor 1/13/2023

Vincent P. Tabor  
 Licensed Structural Engineer  
 State of Illinois No. 081-007047  
 Expires 11/30/2024

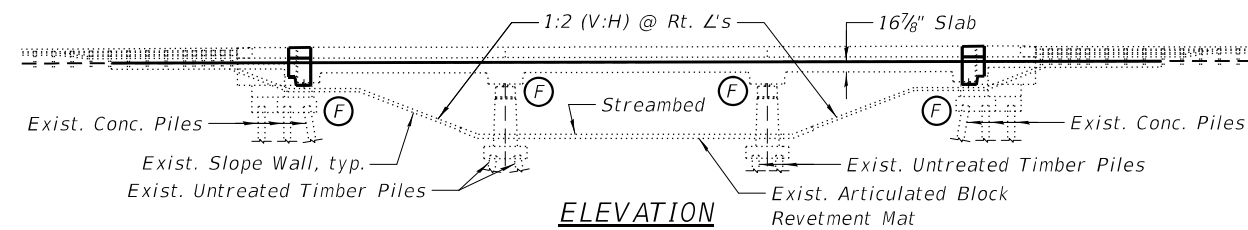
**I-80 OVER ABBOTT DITCH**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**

**BUREAU COUNTY**

**STATION 182+52.00**

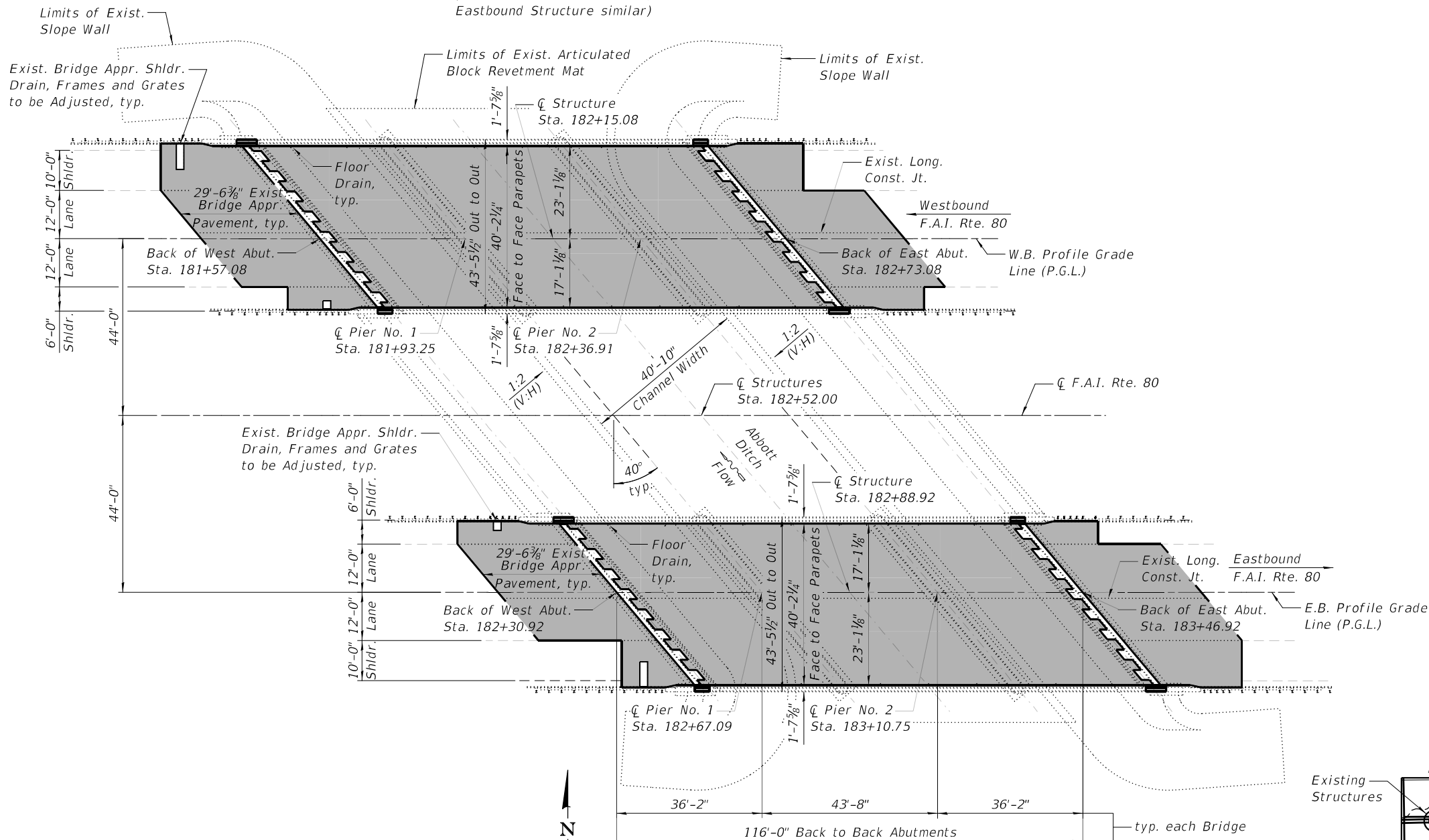
**STRUCTURE NO. 006-0005 (E.B.)**

**STRUCTURE NO. 006-0006 (W.B.)**



**ELEVATION**

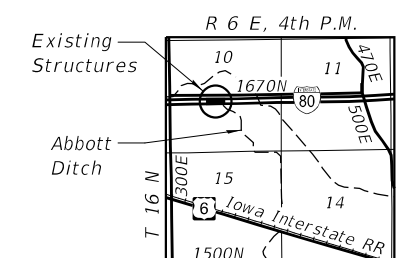
(Looking North)  
 (Westbound Structure shown,  
 Eastbound Structure similar)



**PLAN**

**LEGEND**

Limits of Bridge Deck Scarification ¾",  
 Bridge Deck Latex Concrete Overlay, 2½",  
 and ¼" grinding



**LOCATION SKETCH**



DESIGNED - VPT	REVIS
CHECKED - JML	REVIS
DRAWN - DJM	REVIS
CHECKED - JML	REVIS

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**

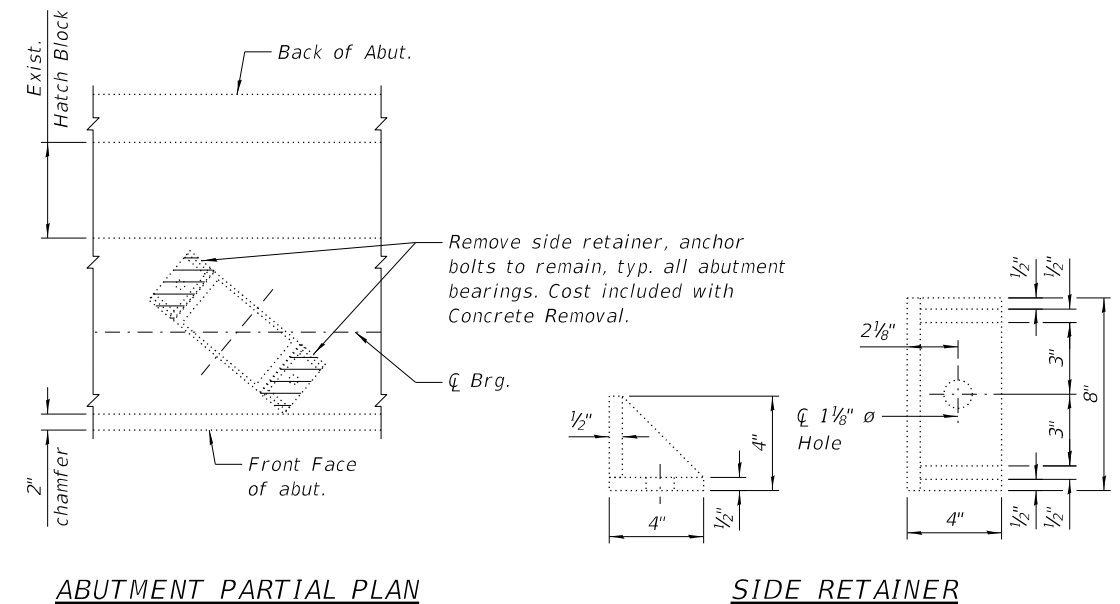
SHEET NO. 1 OF 11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	141
			CONTRACT NO. 66165	

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	2,265
Concrete Removal	Cu. Yd.	44.1
Concrete Superstructure	Cu. Yd.	51.3
Protective Coat	Sq. Yd.	1,518
Reinforcement Bars, Epoxy Coated	Pound	5,640
Frames and Grates to be Adjusted	Each	4
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	934
* Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq. Yd.	1,456
Bridge Deck Scarification 3/4"	Sq. Yd.	1,456
Diamond Grinding (Bridge Section)	Sq. Yd.	1,365
Slope Wall Repair	Sq. Yd.	139
Slope Wall Slurry Pumping	Cu. Yd.	46.5

\* Prior to 1/4" grinding



ABUTMENT PARTIAL PLAN

SIDE RETAINER

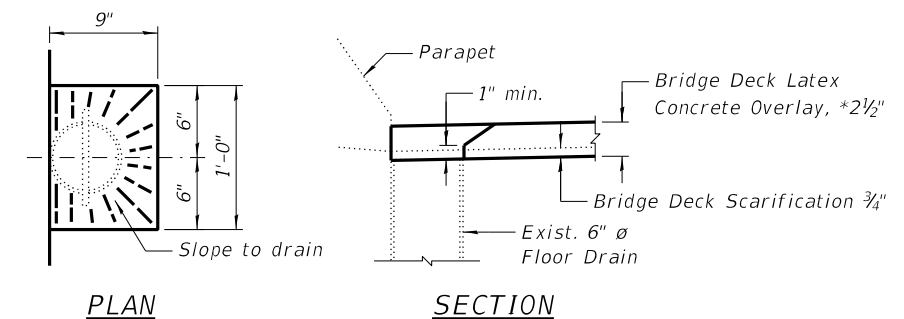
(2 side retainers to be removed per bearing)

EXISTING BEARING SIDE RETAINER - REMOVAL DETAILS

(36 locations)

GENERAL NOTES:

- 1.) Reinforcement bars designated (E) shall be epoxy coated.
- 2.) Prior to pouring the new concrete, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from surfaces that will be in contact with new concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
- 3.) Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 4.) Protective Coat shall only be applied to new concrete areas including the top surface of the bridge deck and Latex Concrete Overlay, and the top and inside vertical faces of parapets.
- 5.) The Contractor may request copies of existing construction plans that are currently on file with the Department. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Department.

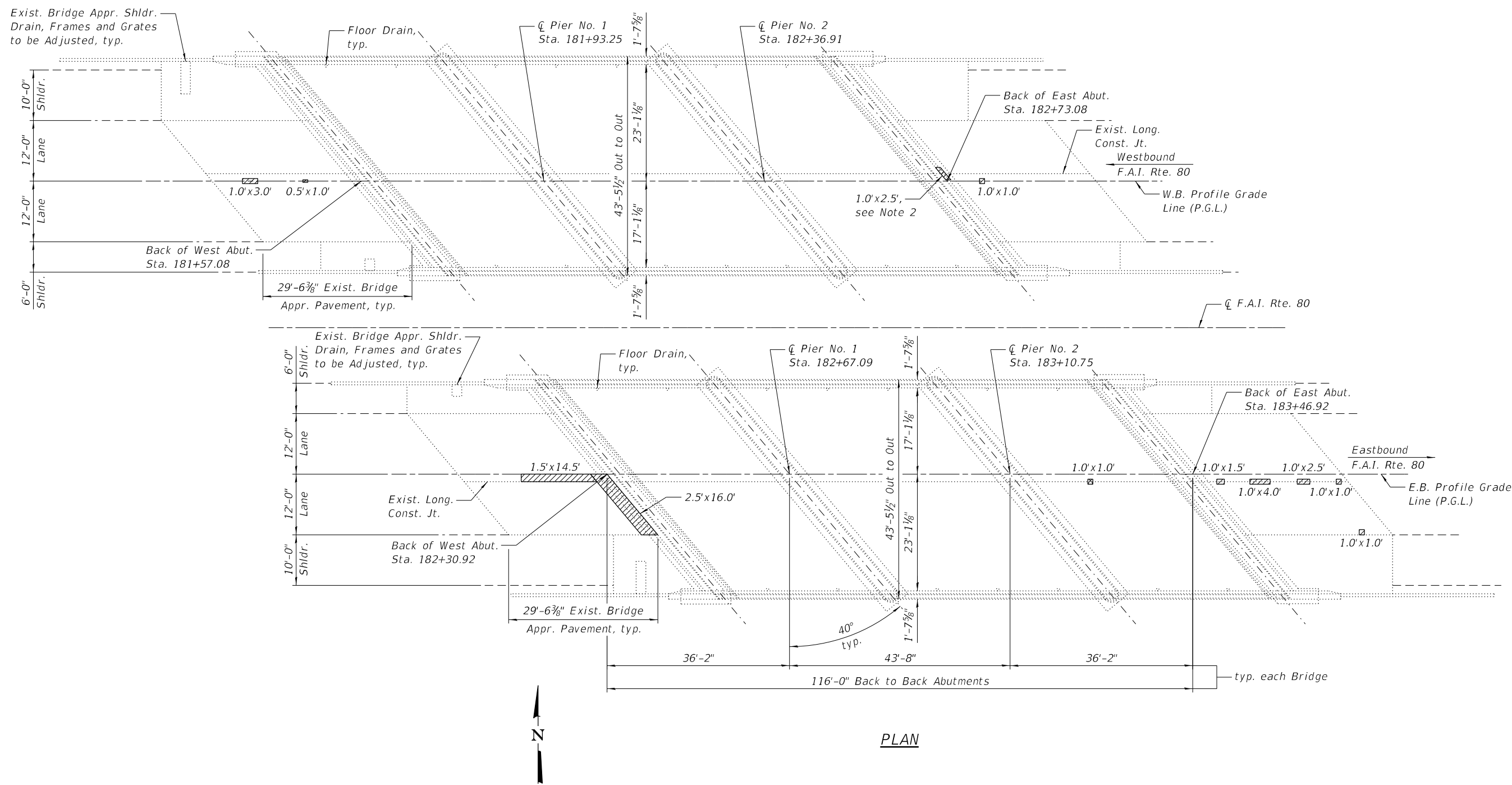


PLAN

SECTION

FLOOR DRAIN DETAILS

\*Prior to 1/4" grinding



PLAN

**BILL OF MATERIAL**

**LEGEND**

- Approach Slab Repair (Partial Depth)
- Deck Slab Repair (Partial)

Item	Unit	Total
* Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq. Yd.	1,456
Bridge Deck Scarification 3/4"	Sq. Yd.	1,456

\* Prior to 1/4" grinding

**NOTE:**

The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions, and documented by the Engineer on the As Built plan sheet.



DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

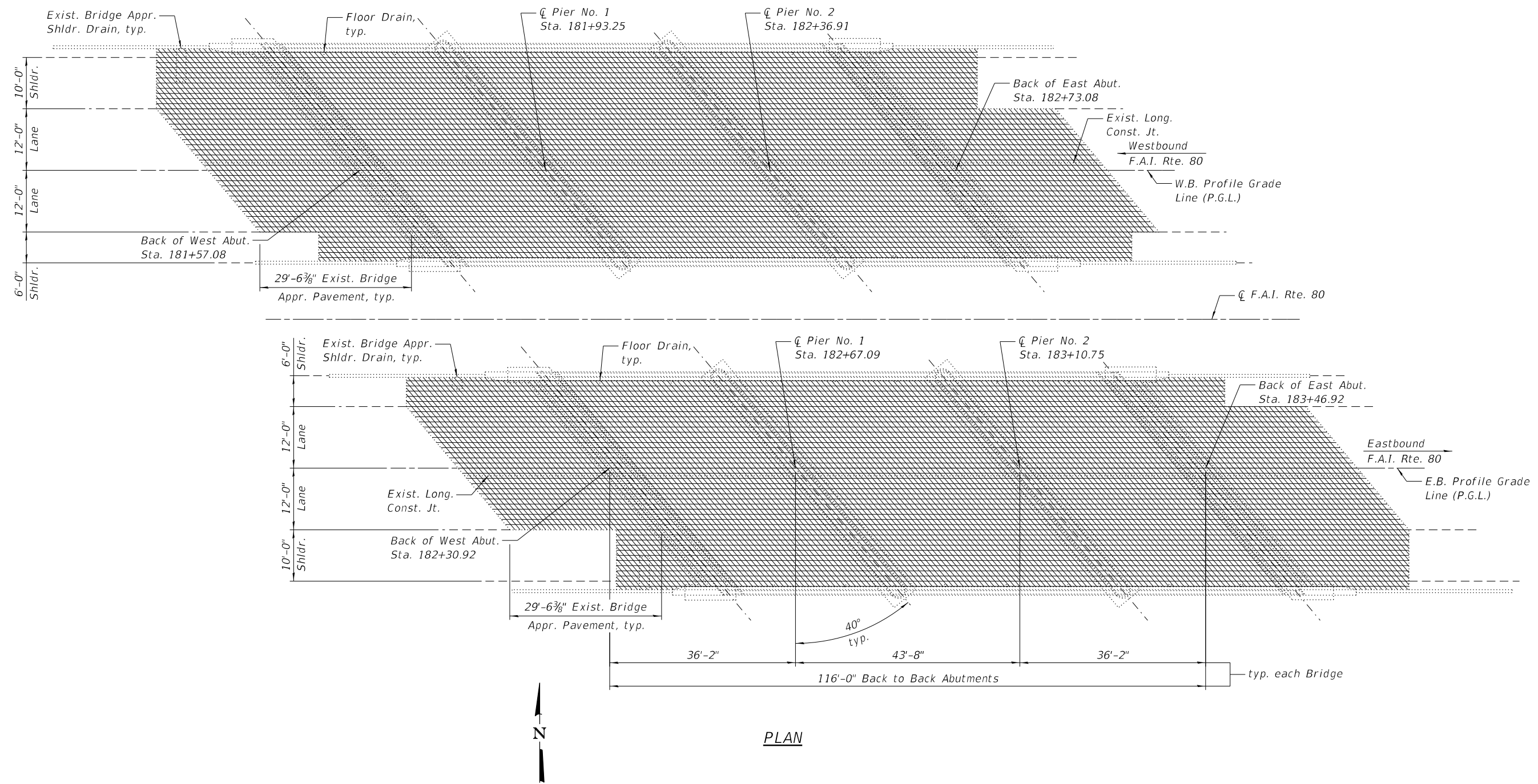
**SLAB BRIDGE AND APPROACH SLAB REPAIRS  
STRUCTURE NO. 006-0005 (E.B.) & 006-0006 (W.B.)**

SHEET NO. 3 OF 11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	143
CONTRACT NO. 66165			ILLINOIS	

2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@farnsworth.com

DATE - 01/13/2023



PLAN

**NOTES:**

- 1.) The Engineer shall record the As Built deck slab and approach slab repair areas on this sheet.
- 2.) The reference grid was drawn in 1' transverse and longitudinal increments.



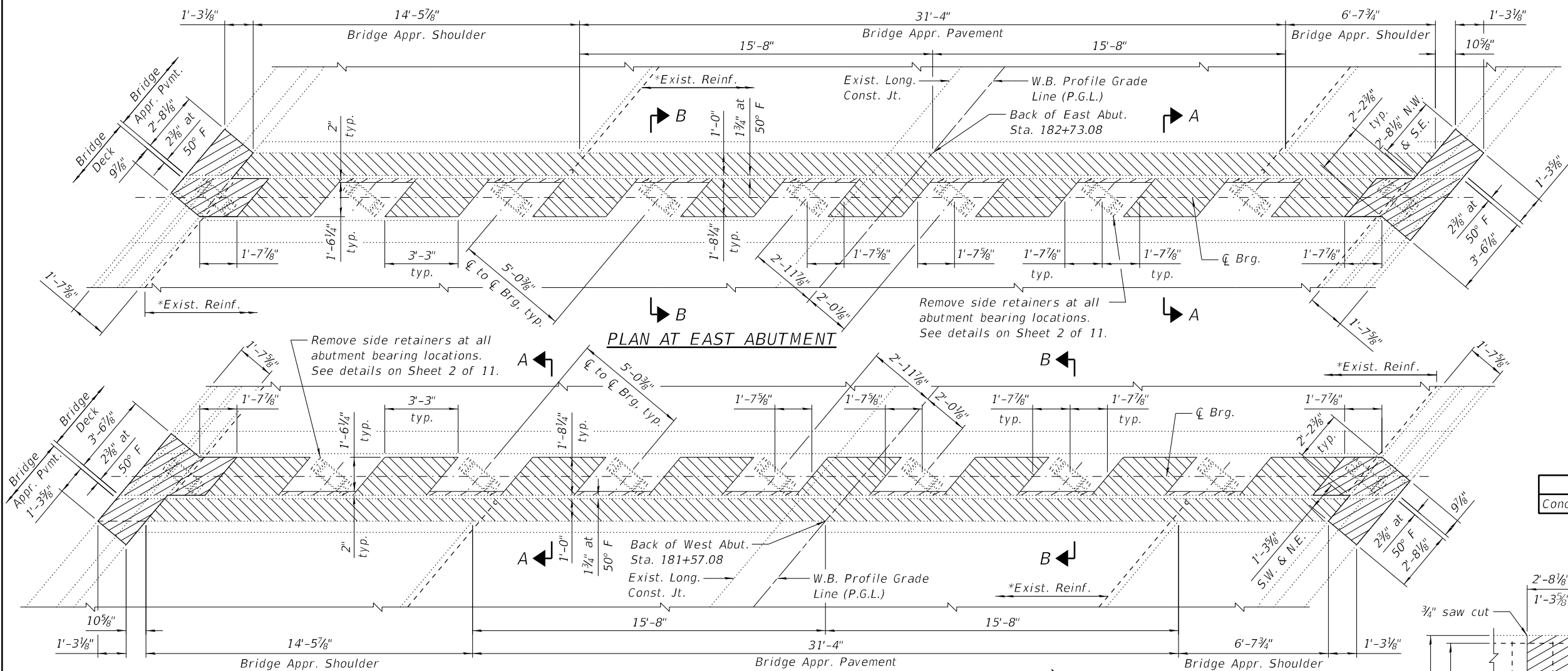
DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

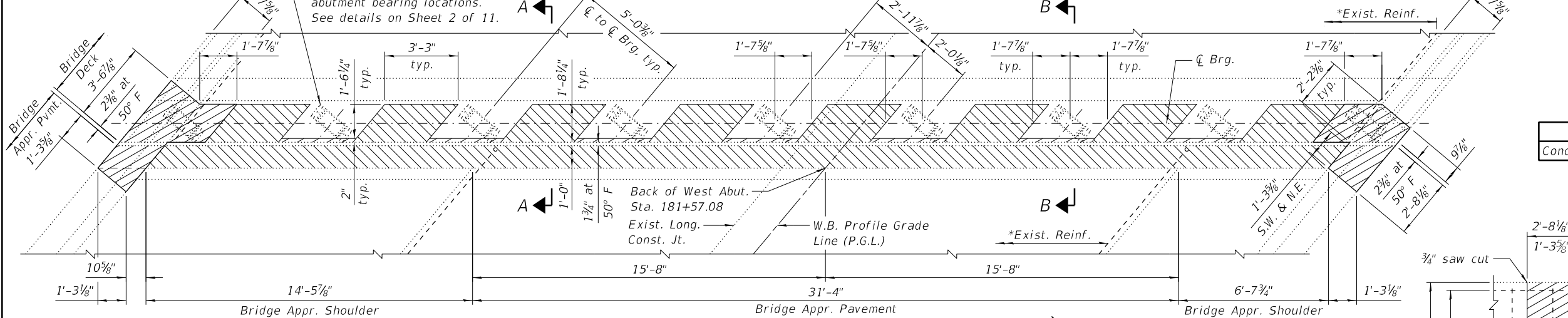
SLAB BRIDGE AND APPROACH SLAB REPAIRS - AS BUILT  
STRUCTURE NO. 006-0005 (E.B.) & 006-0006 (W.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	144
			CONTRACT NO. 66165	
ILLINOIS				





**PLAN AT EAST ABUTMENT**



**PLAN AT WEST ABUTMENT**

**PARTIAL PLAN SHOWING CONCRETE REMOVAL**

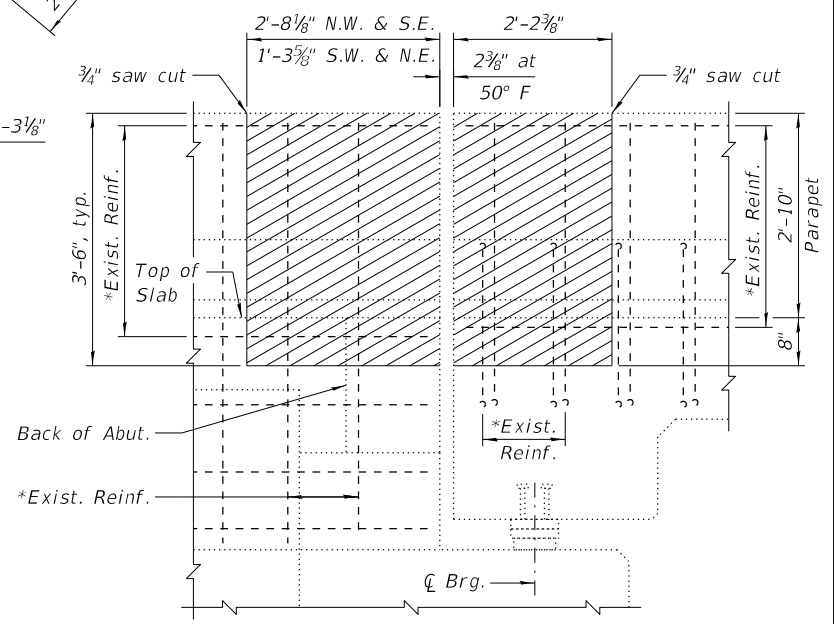
Exist. Reinf. in parapet not shown for clarity.

**LEGEND**

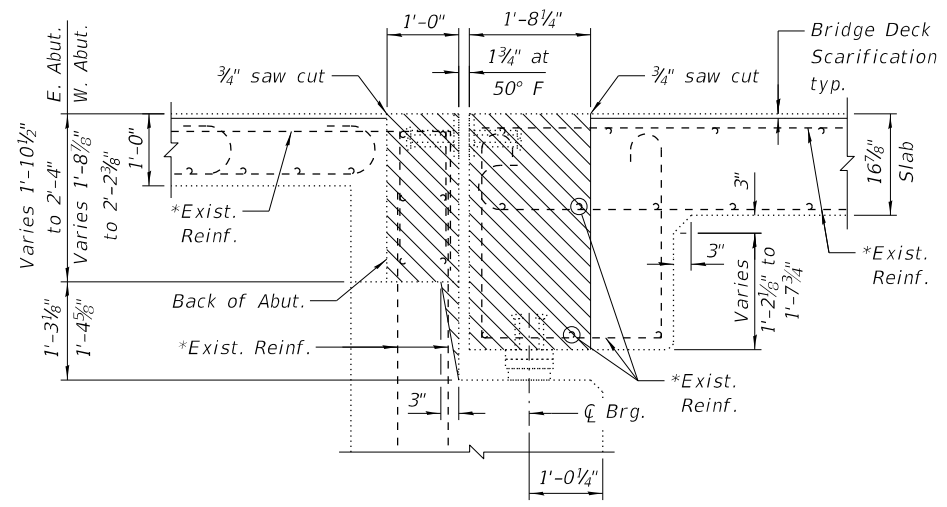
- Concrete Removal for Joint Replacement (full depth)
- Concrete Removal for Joint Replacement (partial depth)

**BILL OF MATERIAL**

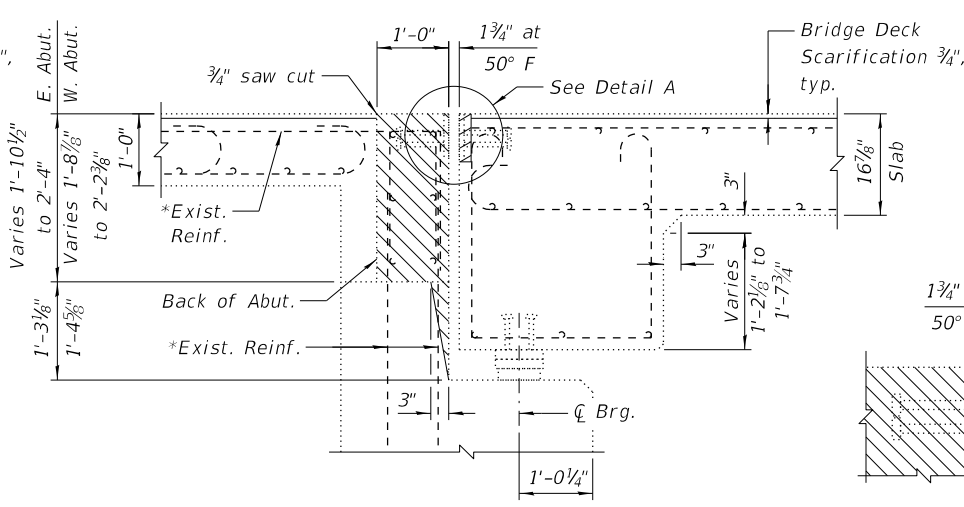
Item	Unit	Total
Concrete Removal	Cu. Yd.	21.7



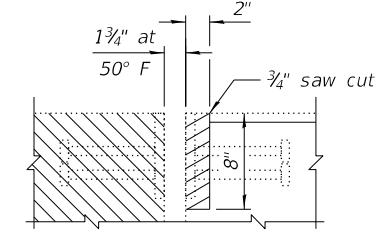
**ELEVATION - INSIDE FACE OF PARAPET**



**SECTION A-A**



**SECTION B-B**

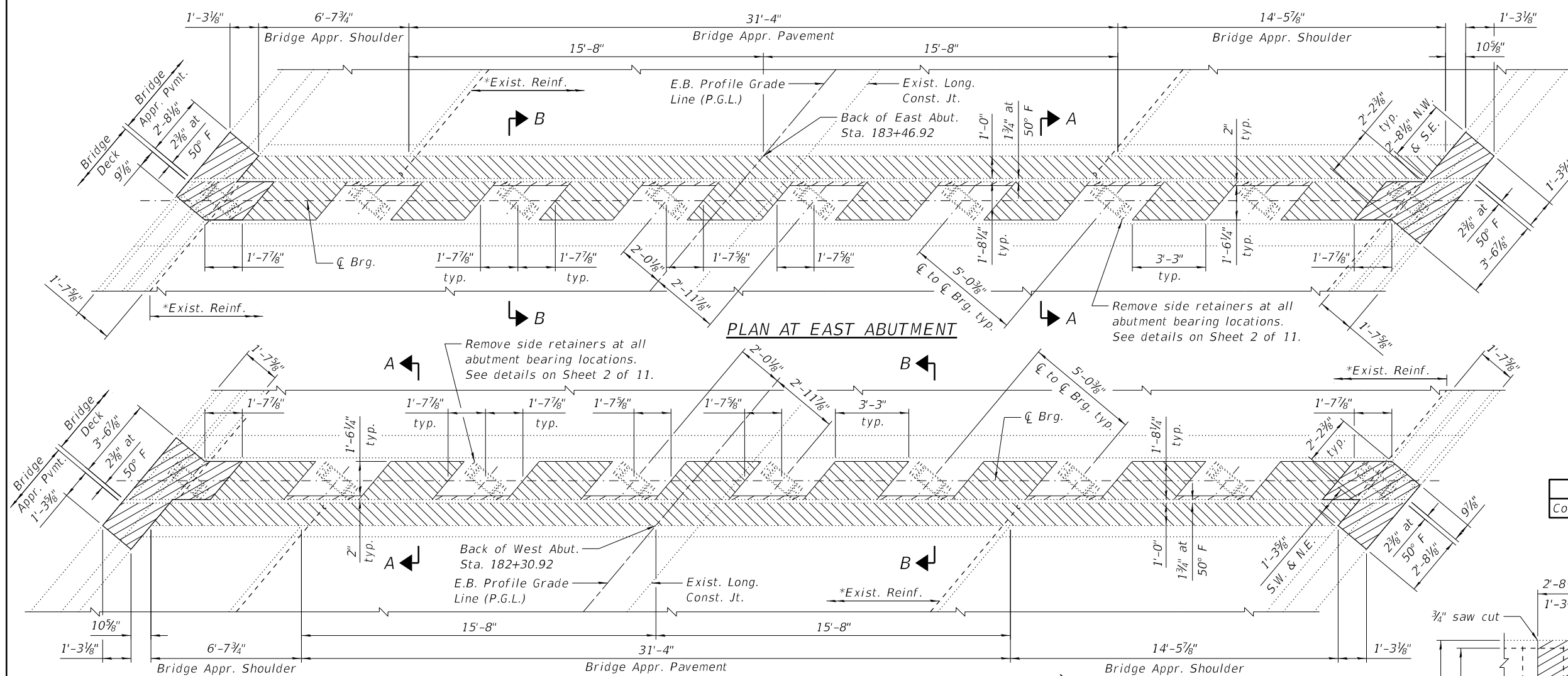


**DETAIL A**

(Exist. Reinf. not shown for clarity.)

**NOTES:**

- 1.) \*Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
- 2.) Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.



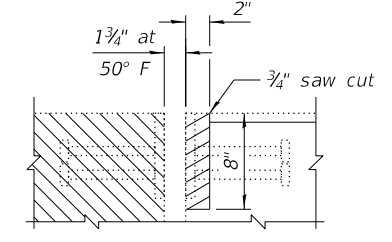
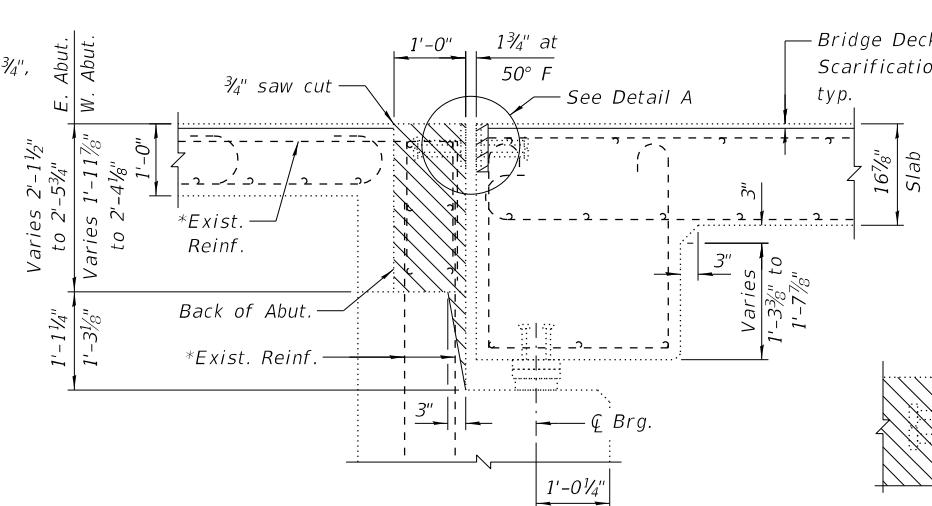
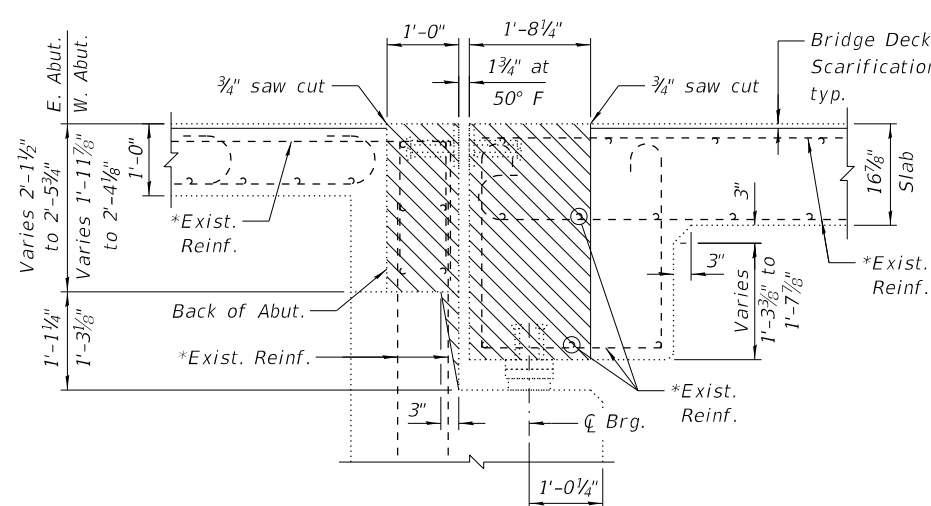
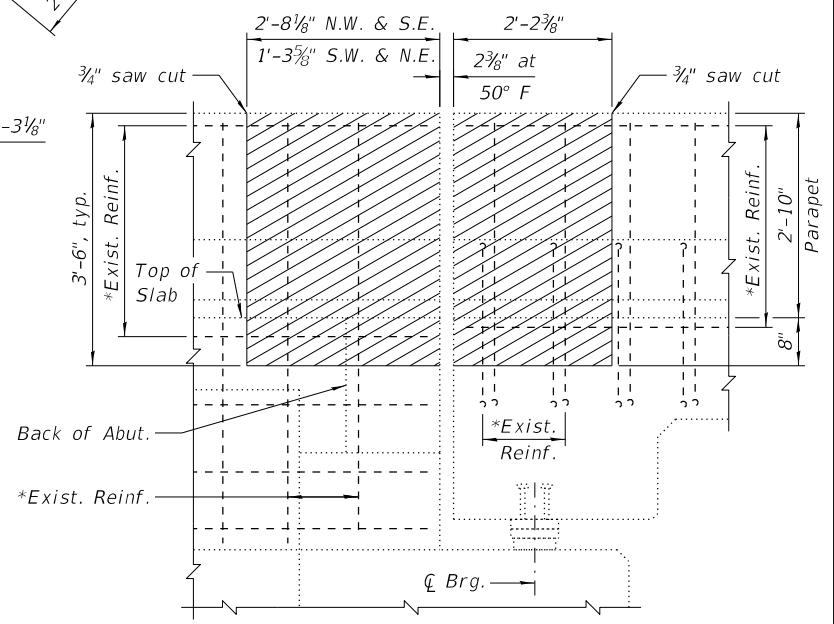
**LEGEND**



**BILL OF MATERIAL**

Item	Unit	Total
Concrete Removal	Cu. Yd.	22.4

**PARTIAL PLAN SHOWING CONCRETE REMOVAL**  
Exist. Reinf. in parapet not shown for clarity.

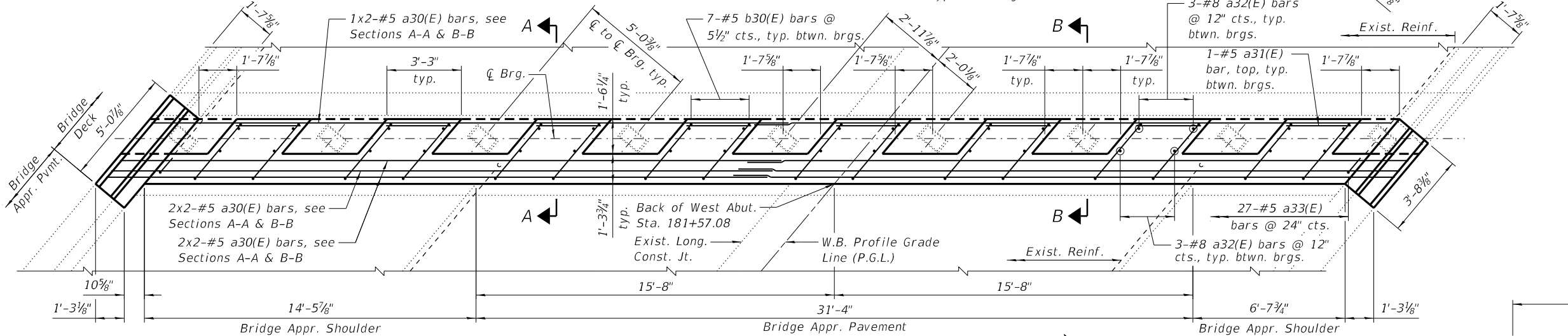
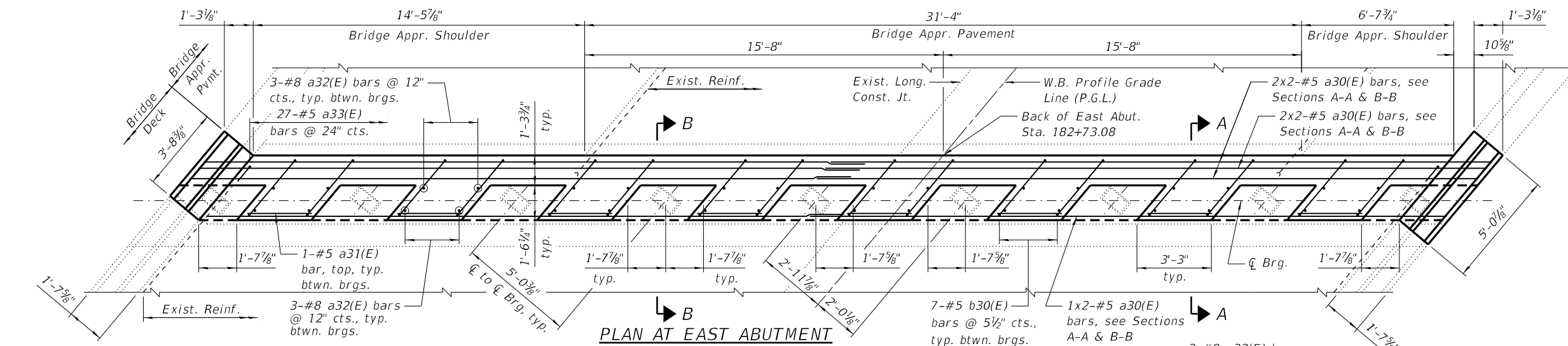
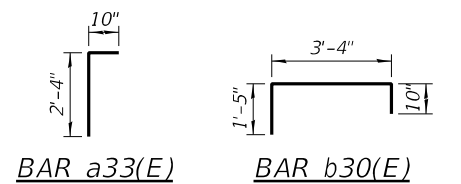


**NOTES:**

- \*Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
- Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.

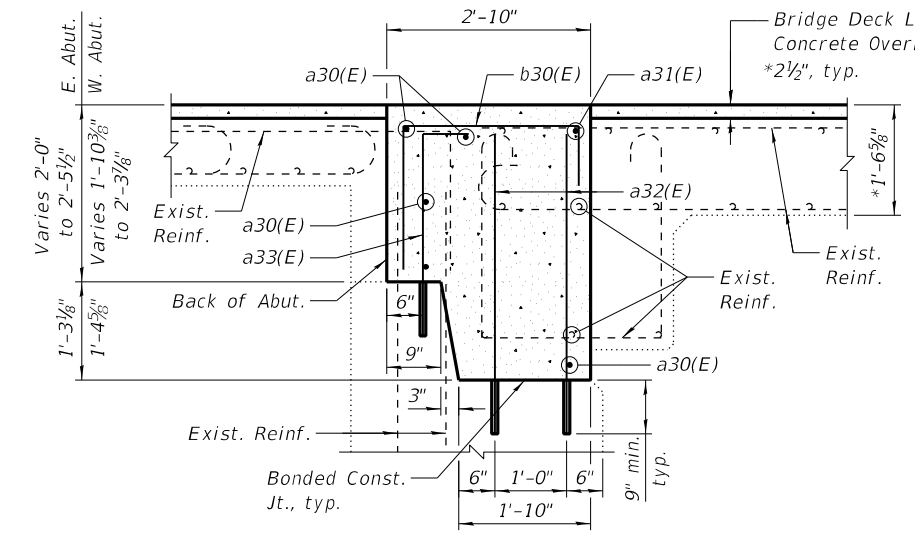
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
a30(E)	20	#5	30'-0"	—	
a31(E)	16	#5	2'-10"	—	
a32(E)	96	#8	3'-7"	—	
a33(E)	54	#5	3'-2"	└	
b30(E)	112	#5	5'-7"	└	
d30(E)	12	#5	3'-2"	—	
e30(E)	40	#5	4'-8"	—	
e31(E)	40	#5	3'-4"	—	
Item				Unit	Quantity
Concrete Superstructure				Cu. Yd.	25.3
Reinforcement Bars, Epoxy Coated				Pound	2,800

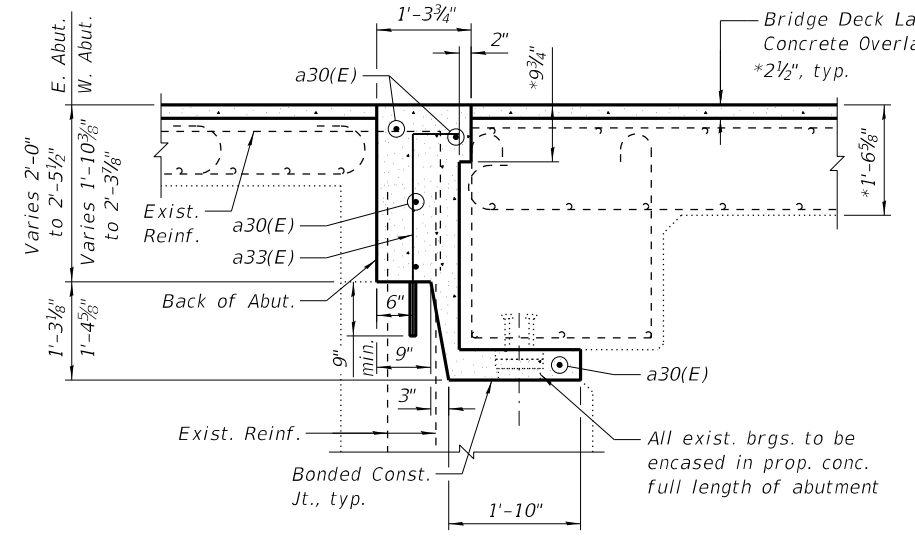


**MINIMUM BAR LAP**  
#5 bar = 3'-6"

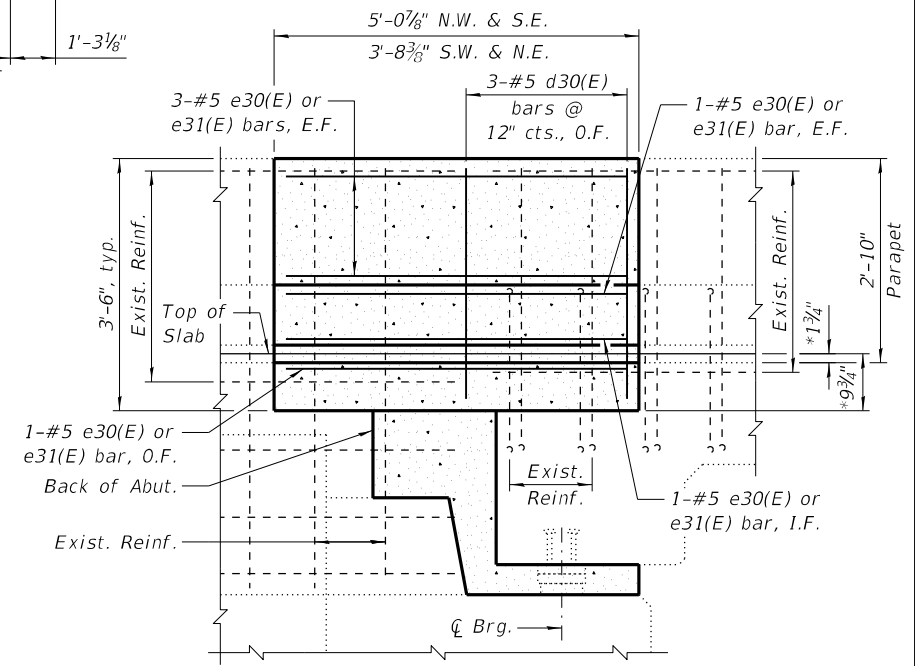
**PARTIAL PLAN SHOWING CONCRETE REPLACEMENT**  
Prop. Reinf. in parapet not shown for clarity.



**SECTION A-A**  
\*Prior to 1/4" grinding



**SECTION B-B**  
\*Prior to 1/4" grinding



**ELEVATION - INSIDE FACE OF PARAPET**  
\*Prior to 1/4" grinding

**NOTES:**

- 1.) Epoxy grout a32(E) & a33(E) bars in 9" deep (min.) drilled holes, 1/4" larger in diameter than the bar diameter, according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
- 2.) E.F. denotes Each Face, I.F. denotes Inside Face, and O.F. denotes Outside Face.



DESIGNED - VPT	REVISION
CHECKED - JML	REVISION
DRAWN - DJM	REVISION
CHECKED - JML	REVISION

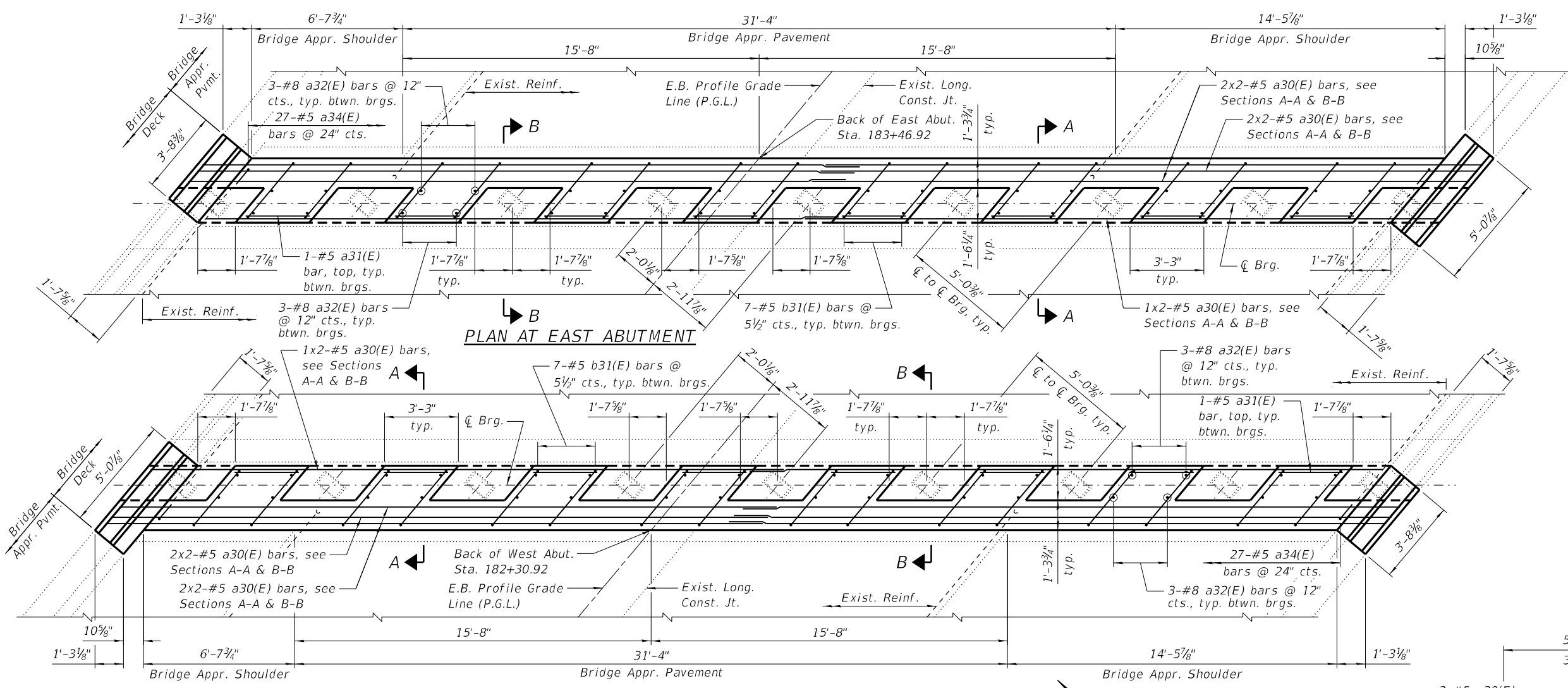
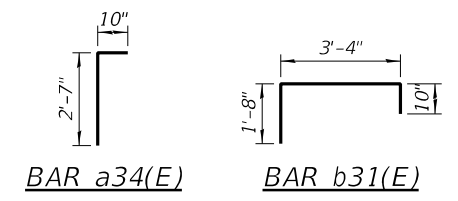
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOINT REPLACEMENT DETAILS**  
**STRUCTURE NO. 006-0006 (W.B.)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	147
CONTRACT NO. 66165			ILLINOIS	

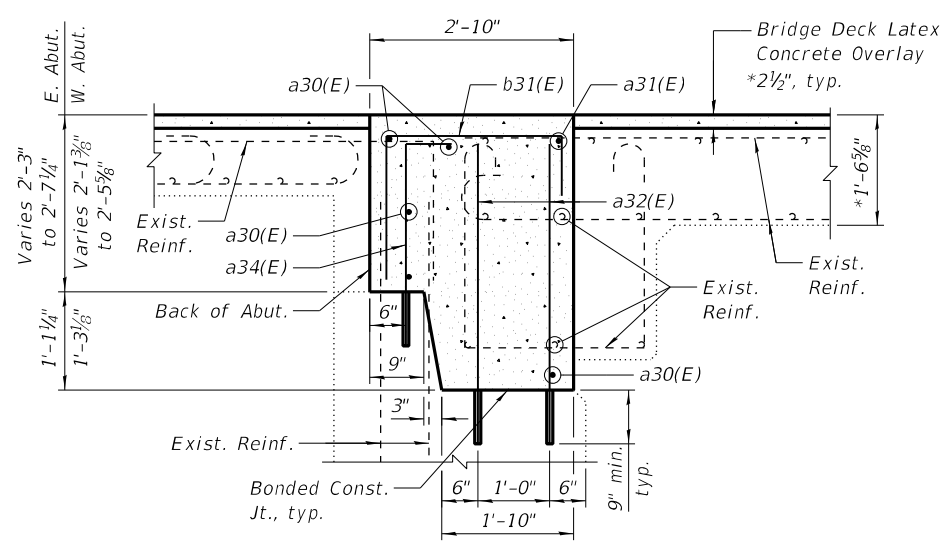
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
a30(E)	20	#5	30'-0"	—	
a31(E)	16	#5	2'-10"	—	
a32(E)	96	#8	3'-7"	—	
a34(E)	54	#5	3'-5"	└	
b31(E)	112	#5	5'-10"	└	
d30(E)	12	#5	3'-2"	—	
e30(E)	40	#5	4'-8"	—	
e31(E)	40	#5	3'-4"	—	
Item				Unit	Quantity
Concrete Superstructure				Cu. Yd.	26.0
Reinforcement Bars, Epoxy Coated				Pound	2,840

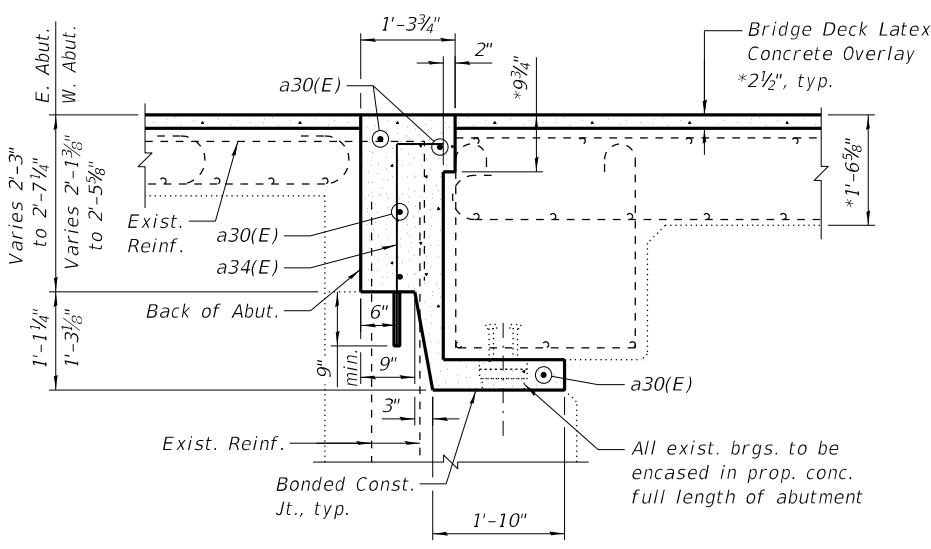


**MINIMUM BAR LAP**  
#5 bar = 3'-6"

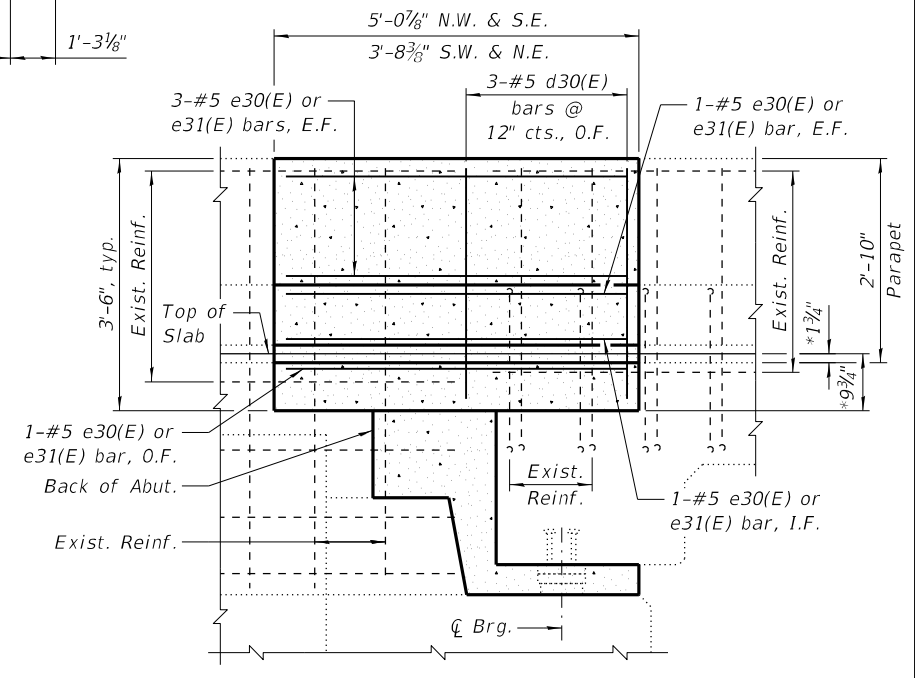
**PARTIAL PLAN SHOWING CONCRETE REPLACEMENT**  
Prop. Reinf. in parapet not shown for clarity.



**SECTION A-A**  
\*Prior to 1/4" grinding



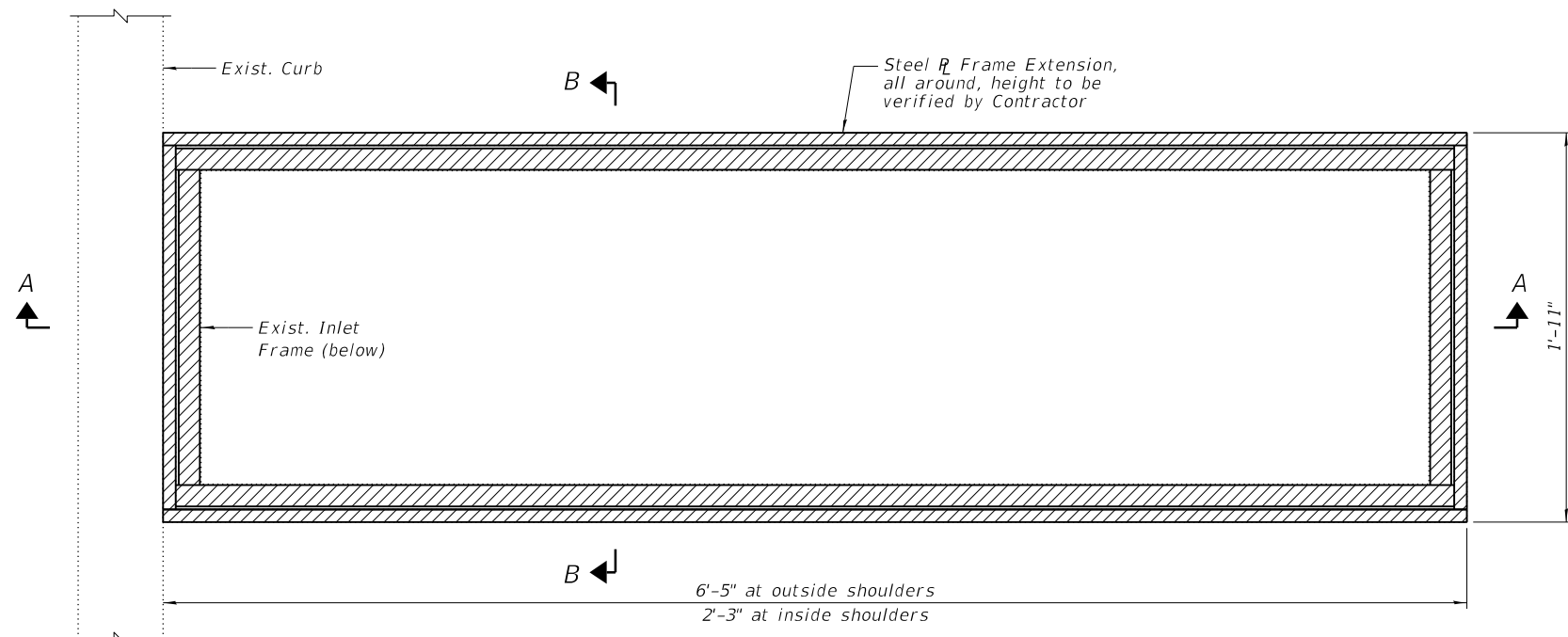
**SECTION B-B**  
\*Prior to 1/4" grinding



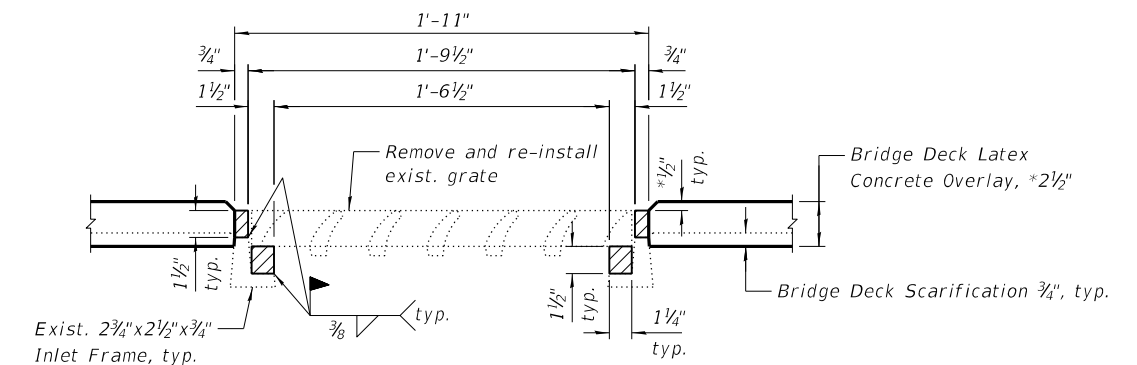
**ELEVATION - INSIDE FACE OF PARAPET**  
\*Prior to 1/4" grinding

**NOTES:**

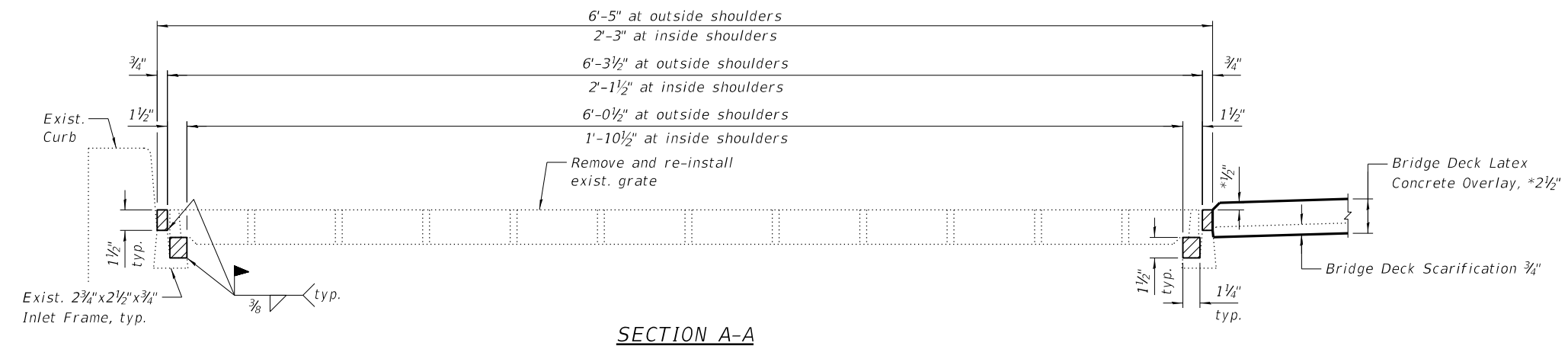
- 1.) Epoxy grout a32(E) & a34(E) bars in 9" deep (min.) drilled holes, 1/4" larger in diameter than the bar diameter, according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
- 2.) E.F. denotes Each Face, I.F. denotes Inside Face, and O.F. denotes Outside Face.



**APPROACH SHOULDER INLET PLAN**  
(Exist. grate not shown for clarity)

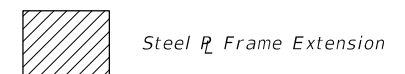


**SECTION B-B**  
\*Prior to 1/4" grinding



**SECTION A-A**  
\*Prior to 1/4" grinding

**LEGEND**

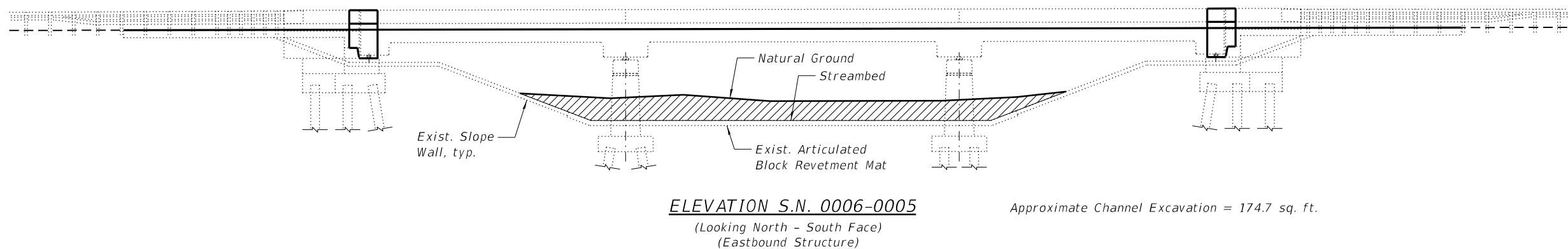
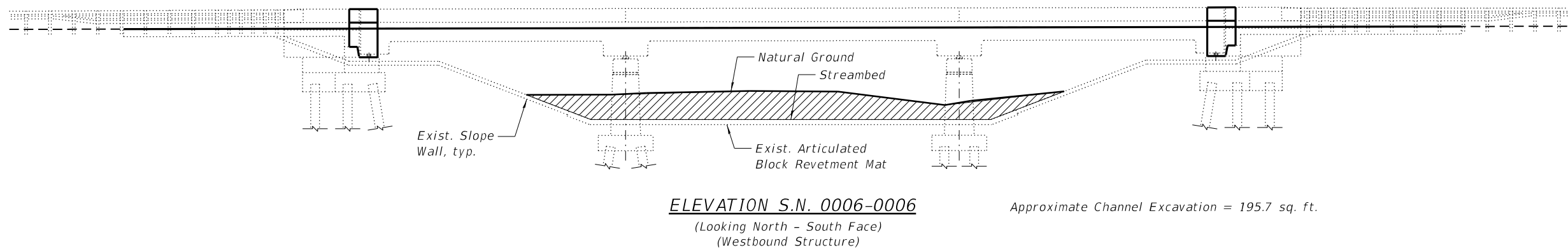


**BILL OF MATERIAL**

Item	Unit	Total
Frames and Grates to be Adjusted	Each	4

**NOTES:**

- 1.) All structural steel shall be AASHTO M270 Grade 36.
- 2.) Shop drawings for proposed Steel R Frame Extension shall be submitted for approval prior to fabrication. Cost included with Frames and Grates to be Adjusted.
- 3.) Contractor shall ensure that no damage is done to existing grates to be reused.
- 4.) Cost of all labor and materials necessary to remove existing grates, clean existing inlets, install Steel R Frame Extensions, and reinstall grates is included in the cost per unit each for Frames and Grates to be Adjusted.



**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	2,265

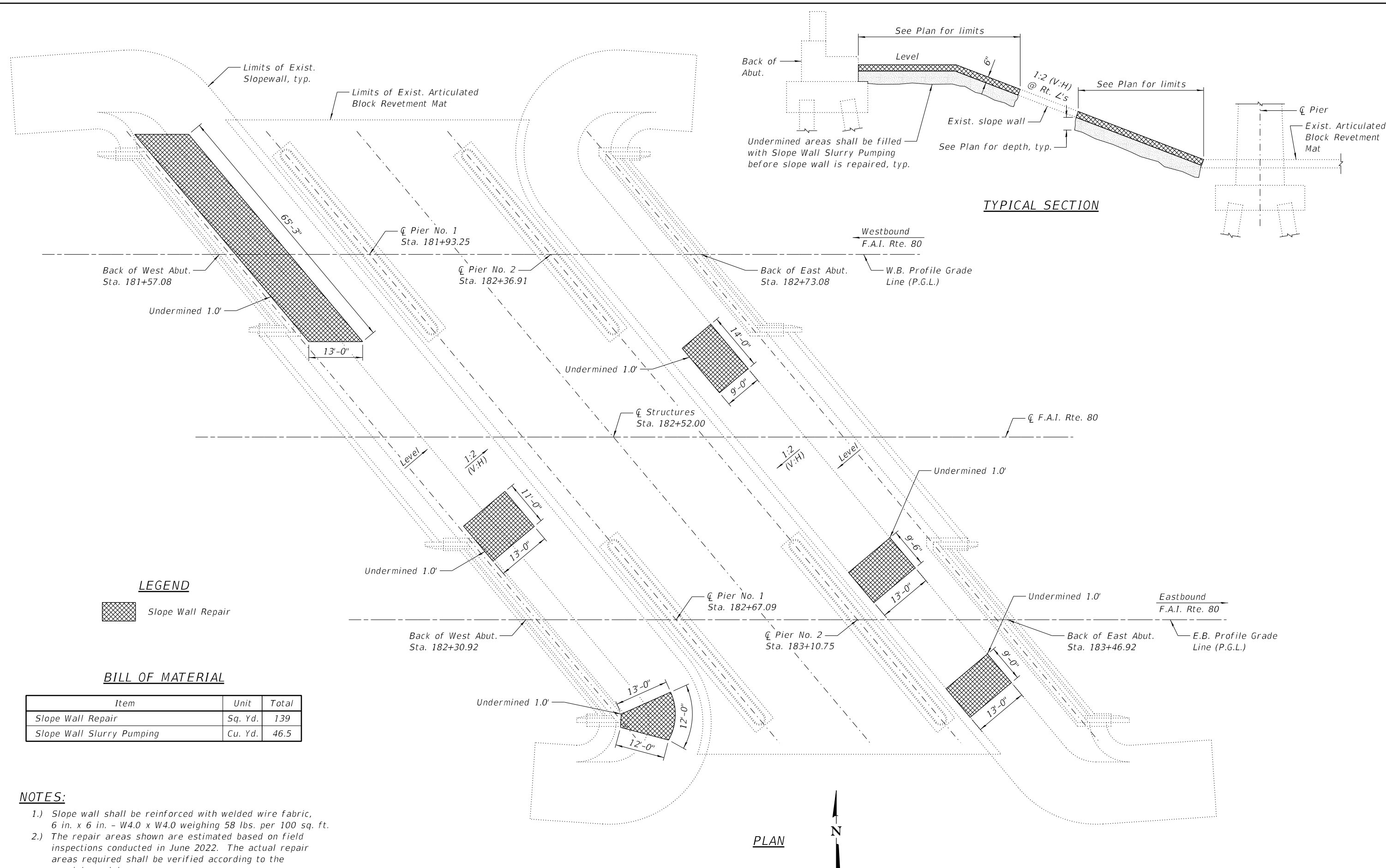
(Combined Channel Excavation for both structures)

**LEGEND**



**NOTES:**

- 1.) The average of the two areas noted on the plans were utilized to calculate the Channel Excavation volume within the limit of the Right-of-Way. The total Channel Excavation volume has been increased by 10% to account for variability of the natural ground line.
- 2.) Channel cross sections were field measured in June 2022.



TYPICAL SECTION

PLAN

LEGEND

Slope Wall Repair

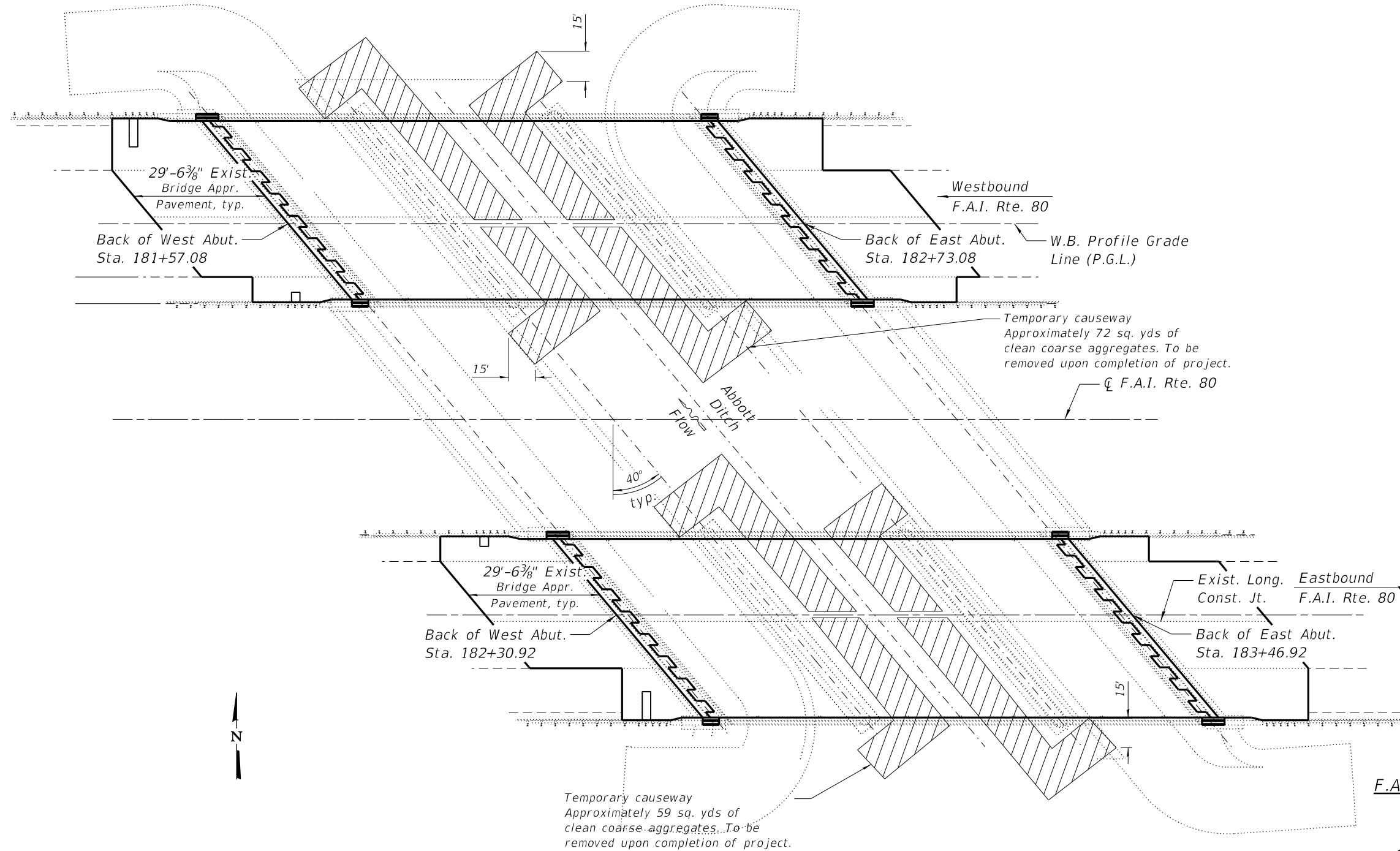
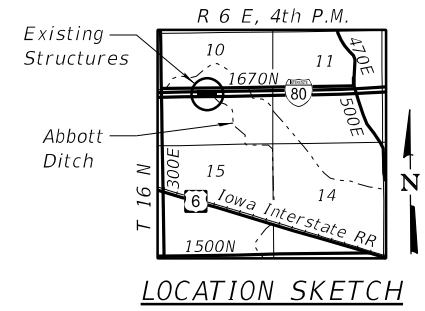
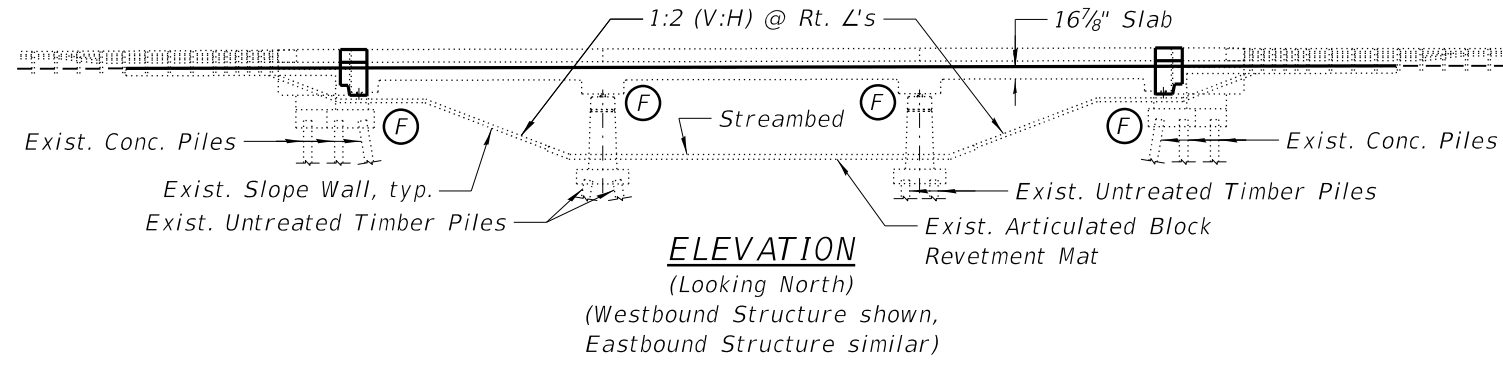
BILL OF MATERIAL

Item	Unit	Total
Slope Wall Repair	Sq. Yd.	139
Slope Wall Slurry Pumping	Cu. Yd.	46.5

NOTES:

- 1.) Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft.
- 2.) The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions.

# Exhibit



**I-80 OVER ABBOTT DITCH**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**  
**BUREAU COUNTY**  
**STATION 182+52.00**  
**STRUCTURE NO. 006-0005 (E.B.)**  
**STRUCTURE NO. 006-0006 (W.B.)**

Not to Scale

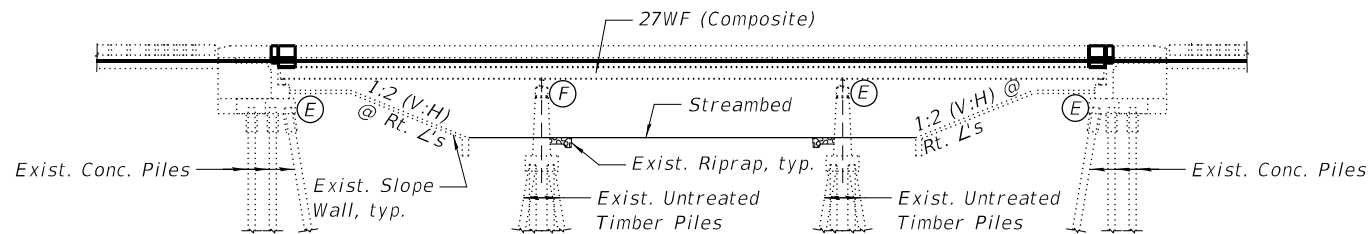
**PLAN**

DATE - 09/28/2022	REVIS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WORKPAD /CAUSEWAY PLAN SN 006-0005 & SN 006-0006	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	REVIS			80	(06-1, 06-2)ES	BUREAU	208	152	
	REVIS			CONTRACT NO. 66165					
	REVIS			ILLINOIS					



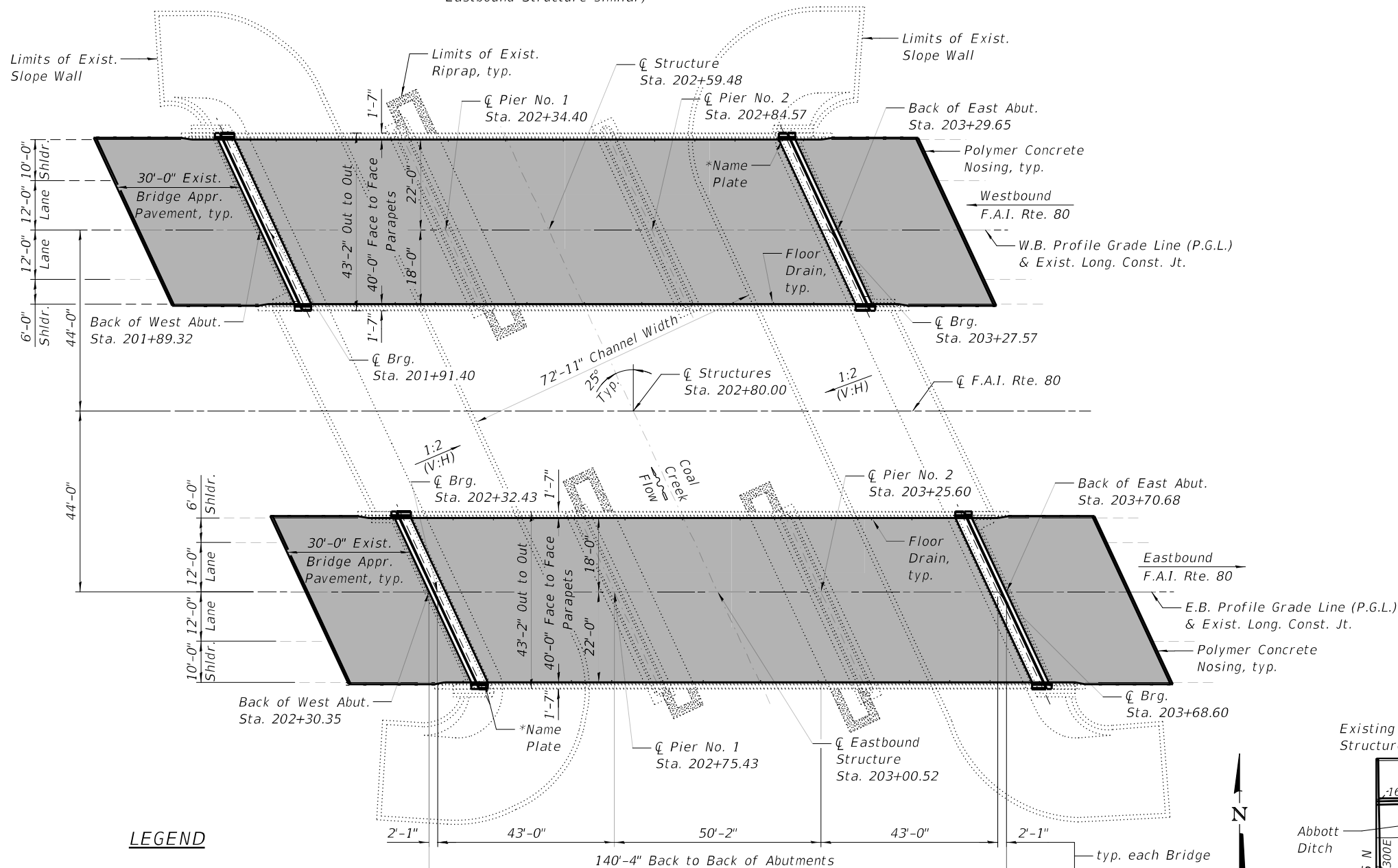
Existing Structure: S.N. 006-0007 (E.B.) and S.N. 006-0008 (W.B.) were constructed in 1963 as Section 06-1B-3. In 2009, the concrete deck was replaced with a new C.I.P. deck made composite with the existing superstructure. The superstructure consists of a three-span continuous, composite rolled steel girder with an 8" cast-in-place concrete deck. The substructure consists of reinforced concrete spill-thru abutments supported by concrete piles and solid wall piers on spread footings and timber piles. The back-to-back of abutments length measures 140'-4" and the out-to-out deck measures 43'-2". The span lengths are 43'-0", 50'-2", and 43'-0". The structures are skewed 25°00'00" right forward. Traffic shall be maintained utilizing crossovers during construction.

No Salvage.



**ELEVATION**

(Looking North)  
(Westbound Structure shown,  
Eastbound Structure similar)



**LEGEND**

Limits of Bridge Deck Scarification  $\frac{3}{4}$ ",  
Bridge Deck Latex Concrete Overlay,  $2\frac{1}{2}$ ",  
and  $\frac{1}{4}$ " diamond grinding

**PLAN**

\*Existing Name Plate to be removed, cleaned, and  
reinstalled in accordance with the Special Provisions.

**SCOPE OF WORK**

- 1.) Traffic shall be maintained utilizing crossovers during construction.
- 2.) Replace the existing expansion joints with Preformed Joint Strip Seal.
- 3.) Scarification of approach slabs and bridge deck.
- 4.) Crack sealing of approach slabs and bridge deck.
- 5.) Application of latex concrete overlay to approach slabs and bridge deck.
- 6.) Channel excavation to top of existing slope walls.

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	GENERAL PLAN AND ELEVATION
2	GENERAL DATA AND MISCELLANEOUS DETAILS
3	DECK AND APPROACH SLAB REPAIRS
4	DECK AND APPROACH SLAB REPAIRS - AS BUILT
5-6	JOINT REMOVAL DETAILS
7-8	JOINT REPLACEMENT DETAILS
9	PREFORMED JOINT STRIP SEAL
10	CHANNEL EXCAVATION

**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications  
for Highway Bridges

**EXISTING DESIGN STRESSES**

FIELD UNITS (2009):

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

FIELD UNITS (1963):

$f'_c = 3,500$  psi  
 $f_y = 40,000$  psi (Reinforcement)  
 $f_y = 36,000$  psi (Structural Steel)

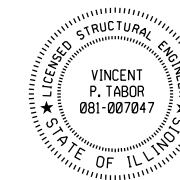
**PROPOSED DESIGN STRESSES**

FIELD UNITS:

$f'_c = 3,500$  psi  
 $f'_c = 4,000$  psi (Superstructure)  
 $f_y = 60,000$  psi (Reinforcement)

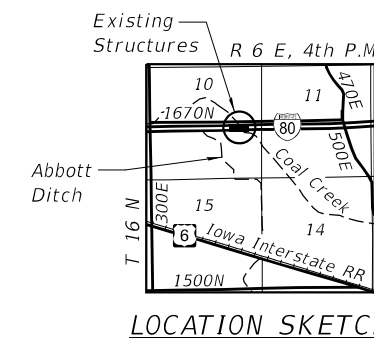
**LOADING HS20-44 & ALT. MILITARY**

Allow 25#/sq. ft. for  
future wearing surface.



Vincent P. Tabor 1/13/2023

Vincent P. Tabor  
Licensed Structural Engineer  
State of Illinois No. 081-007047  
Expires 11/30/2024



**I-80 OVER COAL CREEK**  
**F.A.I. RTE. 80 SEC. (06-1, 06-2)ES**  
**BUREAU COUNTY**  
**STATION 202+80.00**  
**STRUCTURE NO. 006-0007 (E.B.)**  
**STRUCTURE NO. 006-0008 (W.B.)**



DESIGNED - VPT	REVISION
CHECKED - JML	REVISION
DRAWN - DJM	REVISION
CHECKED - JML	REVISION
DATE - 01/13/2023	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION

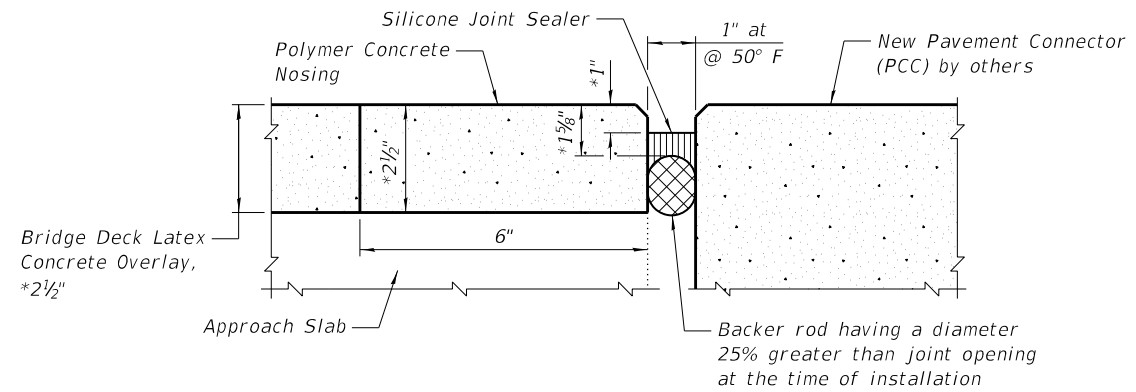
SHEET NO. 1 OF 10 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	153
			CONTRACT NO. 66165	

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	2,098
Concrete Removal	Cu. Yd.	31.6
Concrete Superstructure	Cu. Yd.	34.4
Protective Coat	Sq. Yd.	1,802
Reinforcement Bars, Epoxy Coated	Pound	5,120
Preformed Joint Strip Seal	Foot	191.0
Epoxy Crack Injection	Foot	227
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,068
* Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq. Yd.	1,708
Bridge Deck Scarification 3/4"	Sq. Yd.	1,708
Silicone Joint Sealer, 1"	Foot	181
Diamond Grinding (Bridge Section)	Sq. Yd.	1,611
Polymer Concrete	Cu. Ft.	19
Relocating Name Plates	Each	2

\* Prior to 1/4" grinding

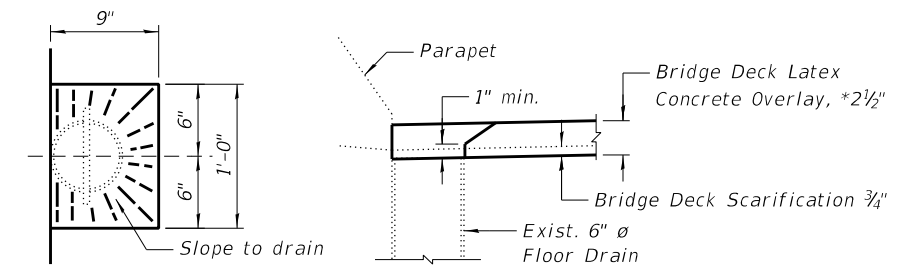


SILICONE JOINT SEALER DETAIL  
AT APPROACH SLABS

\*Prior to 1/4" grinding

GENERAL NOTES:

- 1.) No field welding is permitted except as specified in the contract documents.
- 2.) Reinforcement bars designated (E) shall be epoxy coated.
- 3.) Prior to pouring the new concrete, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces that will be in contact with new concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of existing concrete.
- 4.) Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variation shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 5.) Protective Coat shall only be applied to new concrete areas including the top surface of the bridge deck and the Bridge Deck Latex Concrete, and the top and inside vertical faces of parapets.
- 6.) As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrating testing (PT) by qualified personnel approved by the Engineer. Any cracks that can not be removed by grinding 1/4 in. deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of the removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.
- 7.) The Contractor may request copies of existing construction plans that are currently on file with the Department. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Department.



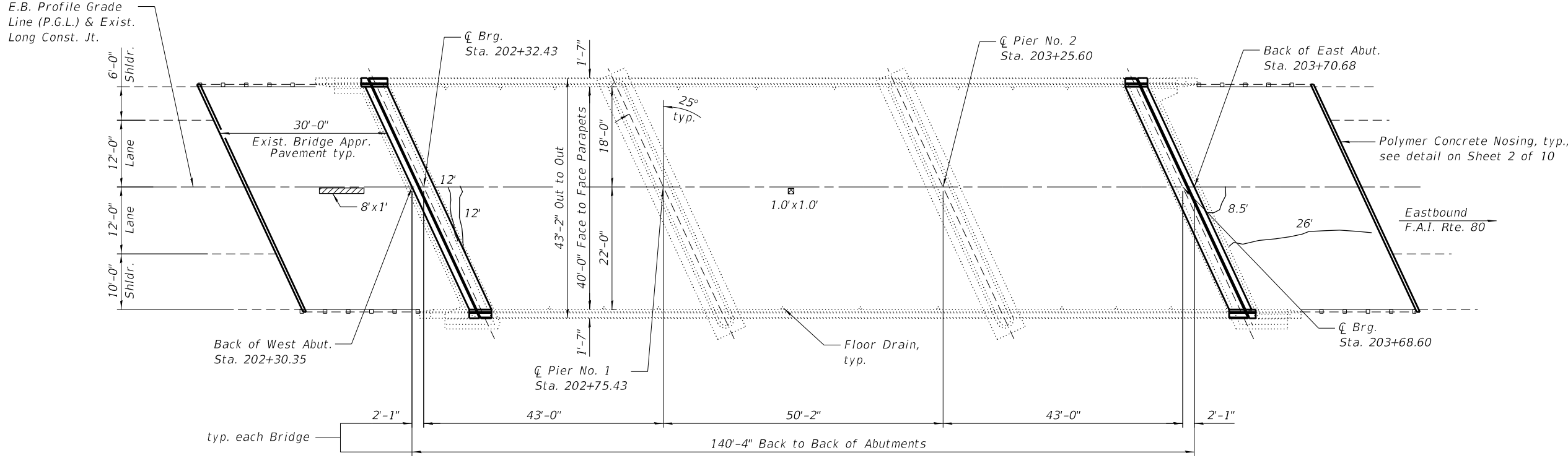
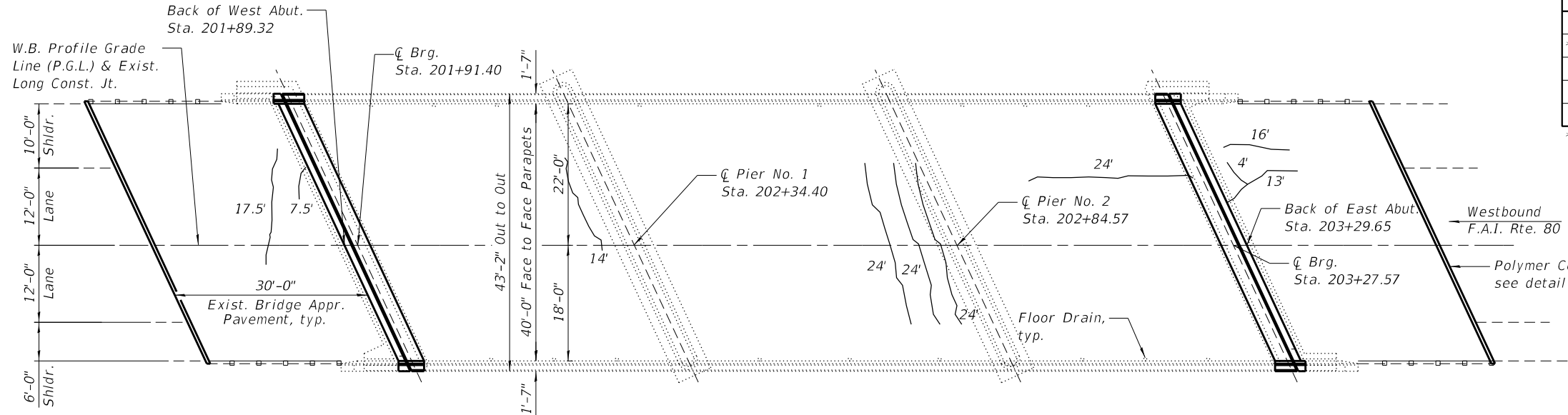
FLOOR DRAIN DETAILS

\*Prior to 1/4" grinding

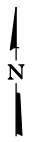
**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Epoxy Crack Injection	Foot	227
* Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq. Yd.	1,708
Bridge Deck Scarification 3/4"	Sq. Yd.	1,708
Silicone Joint Sealer, 1"	Foot	181
Polymer Concrete	Cu. Ft.	19

\* Prior to 1/4" grinding



**PLAN**



**LEGEND**

- Approach Slab Repair (Partial Depth)
- Deck Slab Repair (Partial)
- L.F. Epoxy Crack Injection

**NOTE:**

The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions, and documented by the Engineer on the As Built plan sheet.



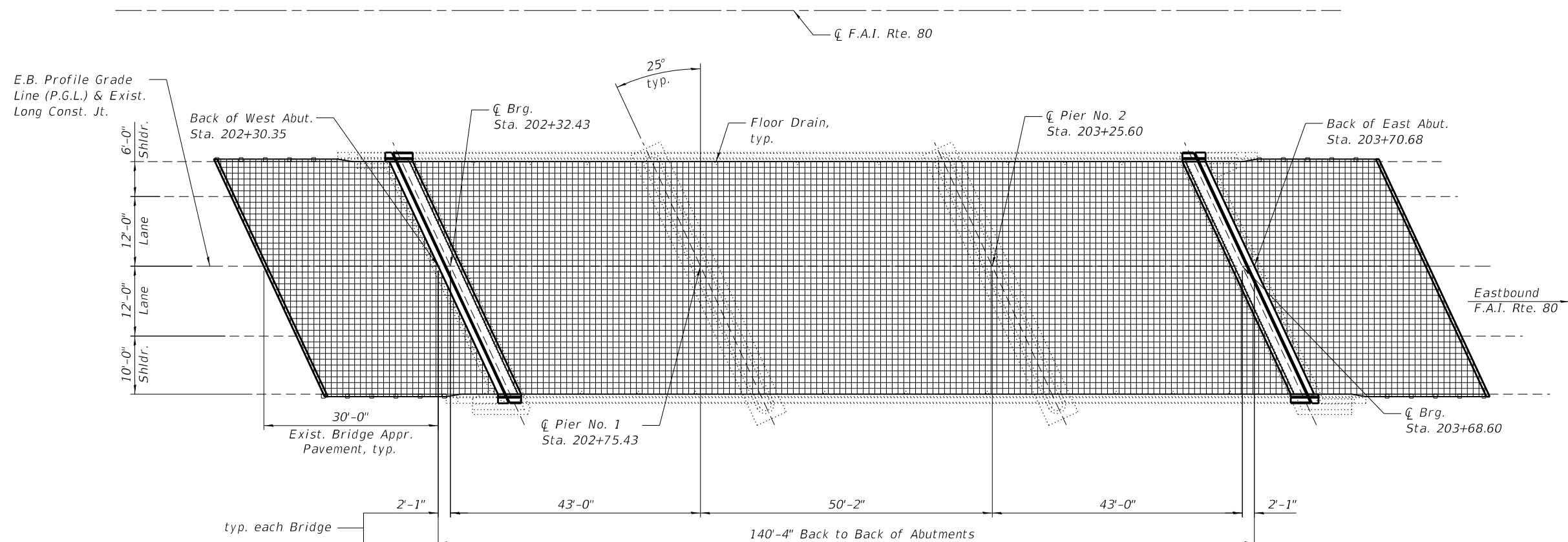
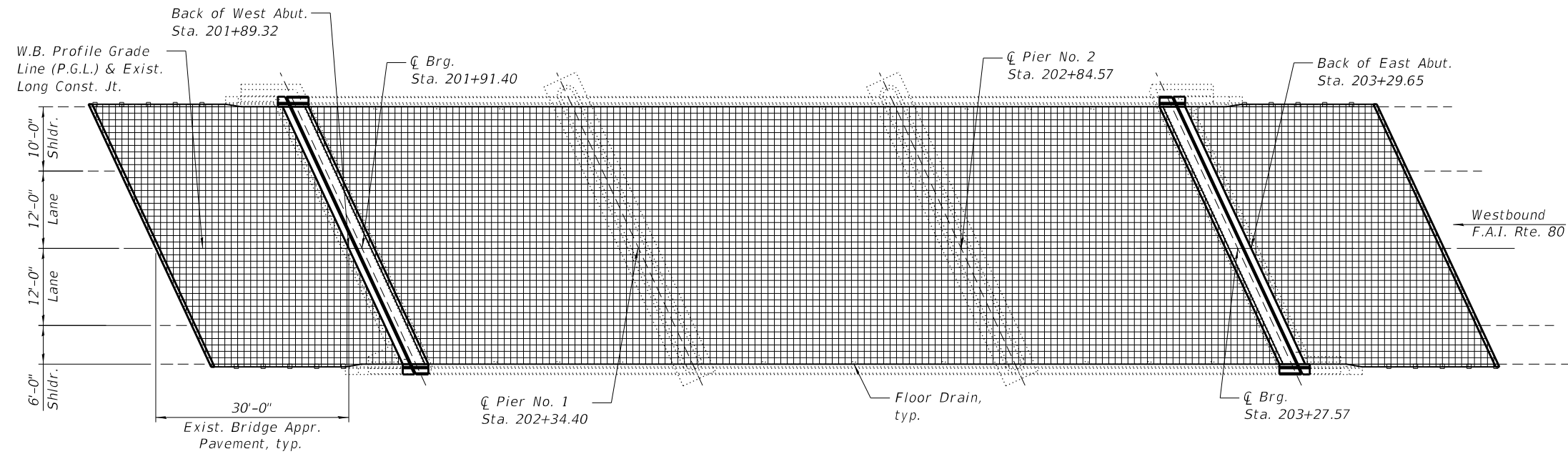
DESIGNED - VPT	REVISION
CHECKED - JML	REVISION
DRAWN - DJM	REVISION
CHECKED - JML	REVISION
DATE - 01/13/2023	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

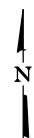
**DECK AND APPROACH SLAB REPAIRS  
STRUCTURE NO. 006-0007 (E.B.) & 006-0008 (W.B.)**

SHEET NO. 3 OF 10 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	155
			CONTRACT NO. 66J65	
ILLINOIS				



PLAN

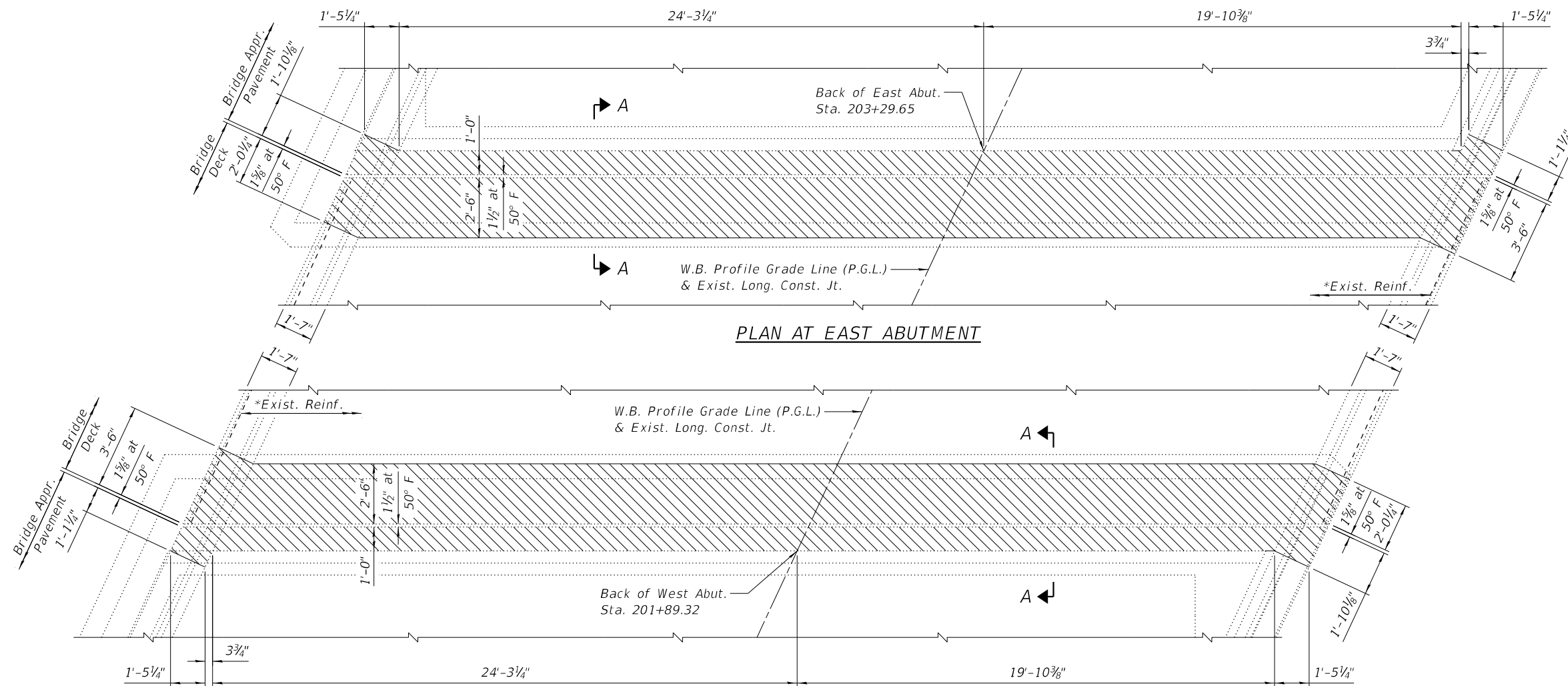


**NOTES:**

- 1.) The Engineer shall record the As Built deck slab and approach slab repair areas on this sheet.
- 2.) The reference grid was drawn in 1' transverse and longitudinal increments.

DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	156
			CONTRACT NO. 66J65	
ILLINOIS				

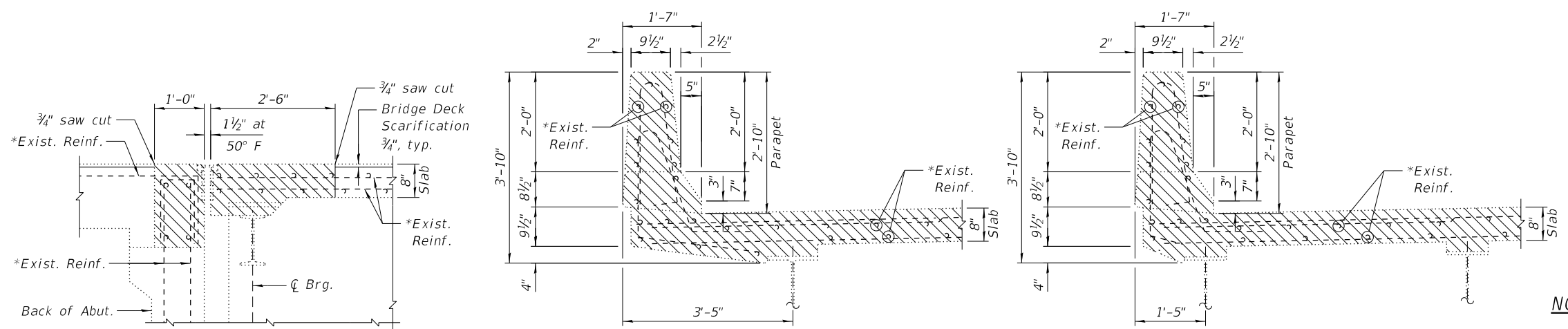
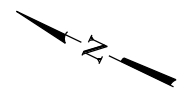


PLAN AT EAST ABUTMENT

PLAN AT WEST ABUTMENT

PARTIAL PLAN SHOWING CONCRETE REMOVAL

Exist. Reinf. in parapet not shown for clarity.



SECTION A-A

SECTION THRU INTERIOR PARAPET

SECTION THRU EXTERIOR PARAPET

LEGEND



BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	15.8

NOTES:

- Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
- Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.



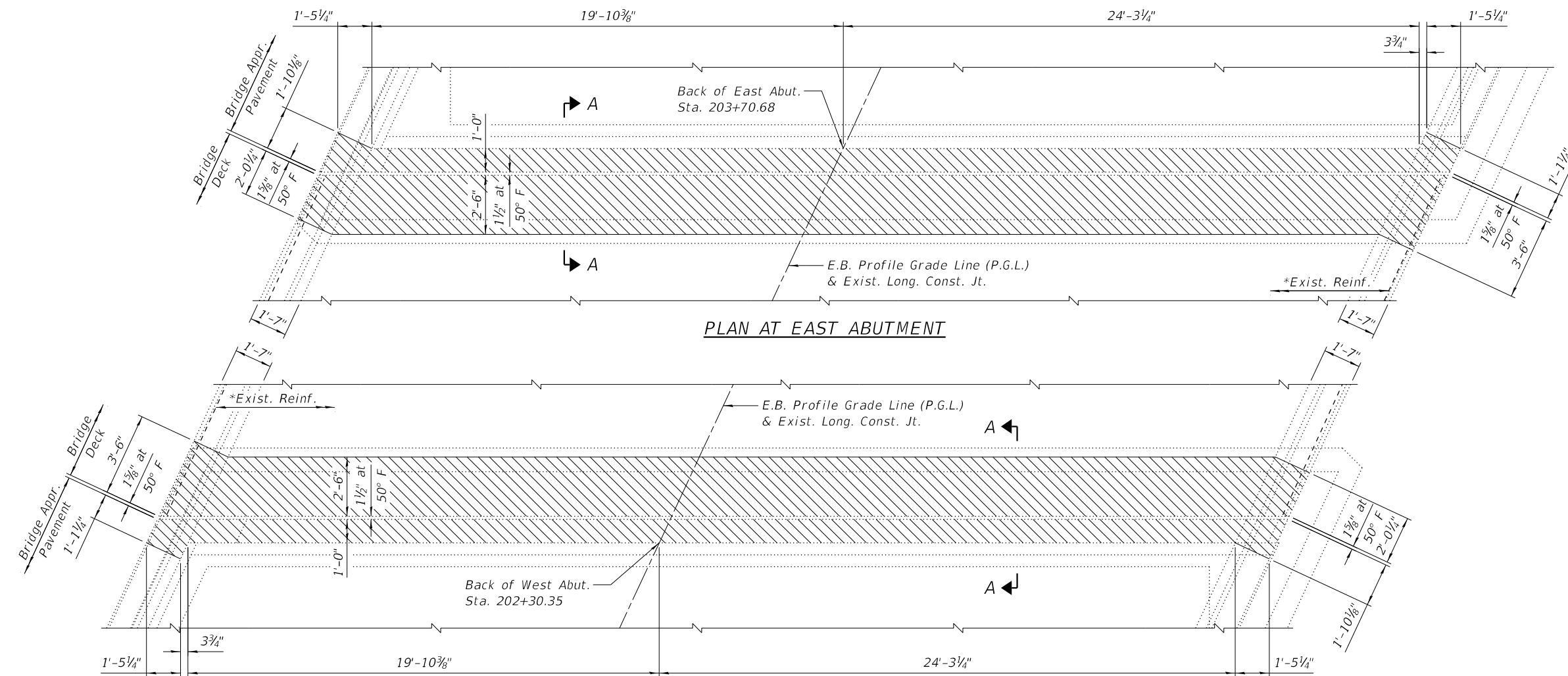
DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

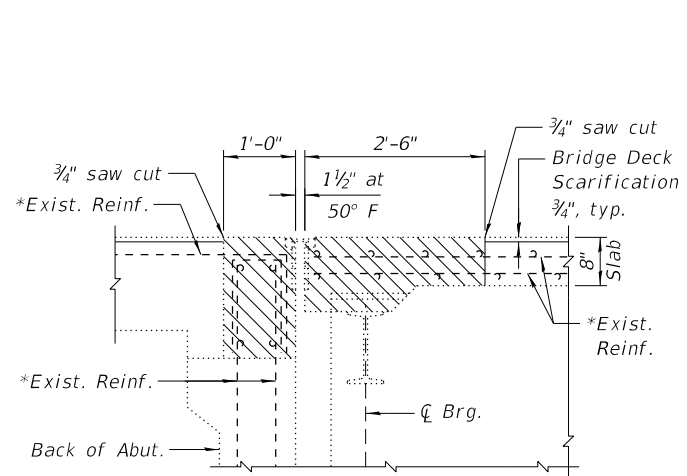
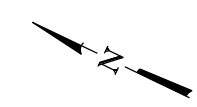
JOINT REMOVAL DETAILS  
STRUCTURE NO. 006-0008 (W.B.)

SHEET NO. 5 OF 10 SHEETS

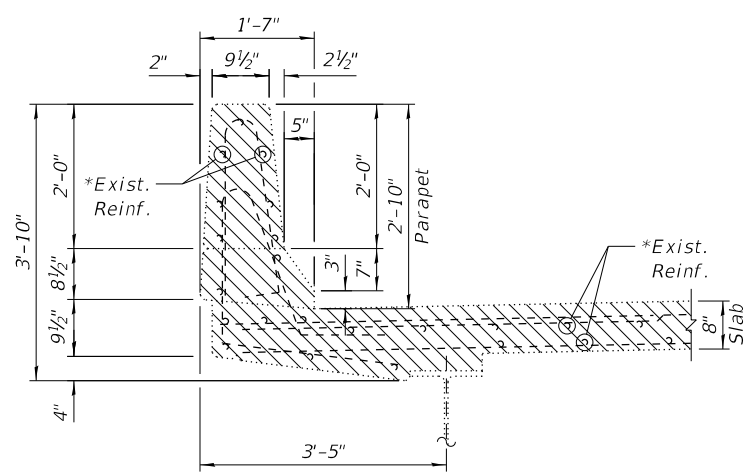
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	167
			CONTRACT NO. 66J65	
ILLINOIS				



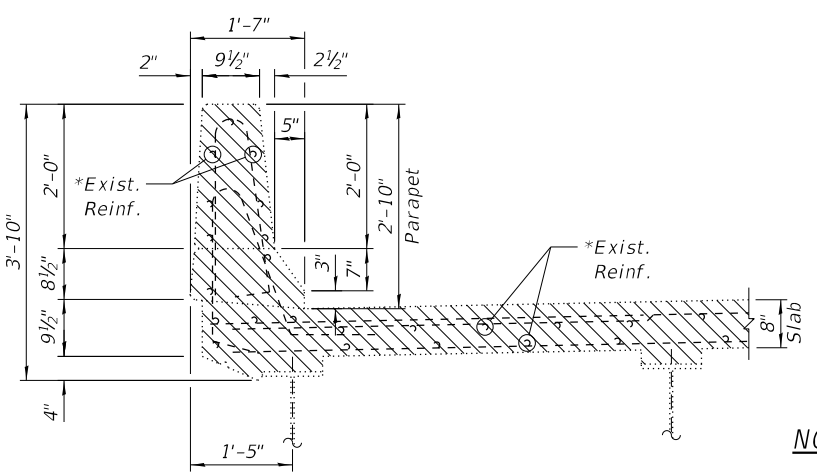
**PLAN AT WEST ABUTMENT**  
**PARTIAL PLAN SHOWING CONCRETE REMOVAL**  
 Exist. Reinf. in parapet not shown for clarity.



**SECTION A-A**



**SECTION THRU INTERIOR PARAPET**



**SECTION THRU EXTERIOR PARAPET**

**LEGEND**

Concrete Removal for Joint Replacement

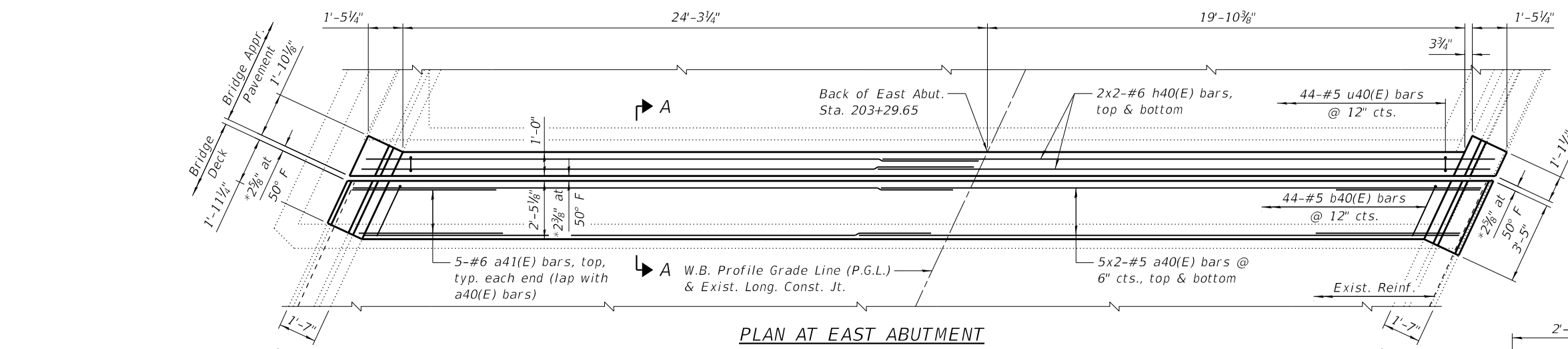
**BILL OF MATERIAL**

Item	Unit	Total
Concrete Removal	Cu. Yd.	15.8

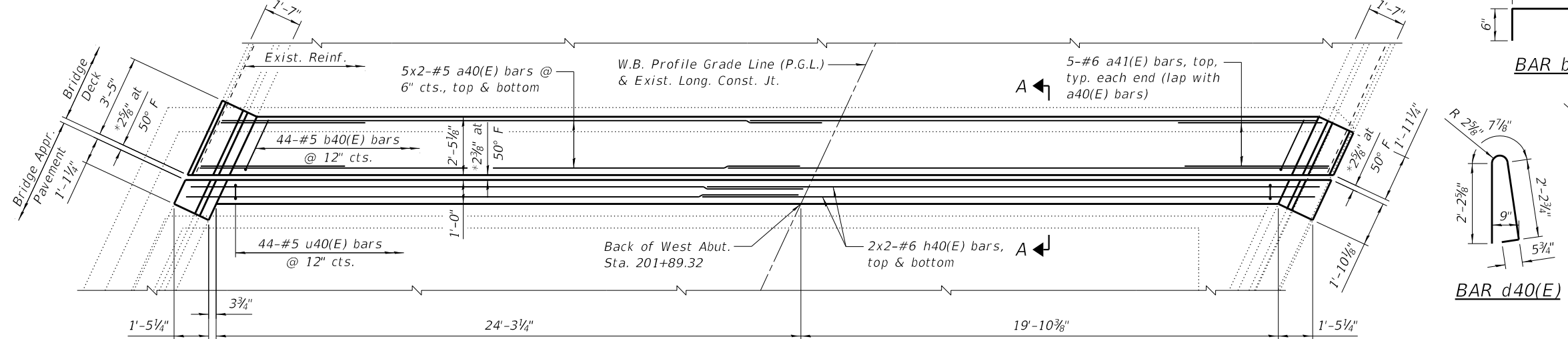
- NOTES:**
- 1.) \*Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
  - 2.) Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.

**BILL OF MATERIAL**

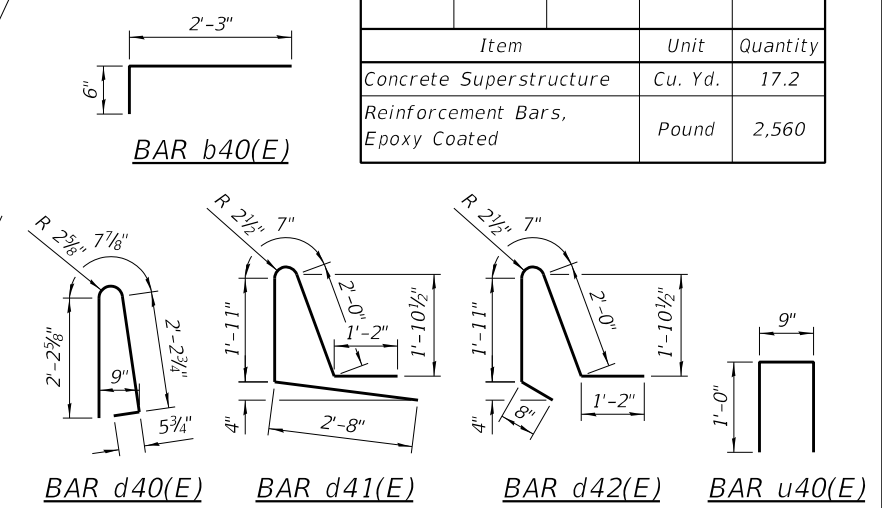
Bar	No.	Size	Length	Shape	
a40(E)	40	#5	25'-5"	—	
a41(E)	20	#6	6'-0"	—	
b40(E)	88	#5	2'-9"	└	
d40(E)	14	#5	5'-7"	⌒	
d41(E)	7	#5	8'-4"	⌒	
d42(E)	7	#5	6'-4"	⌒	
h40(E)	16	#6	25'-8"	—	
u40(E)	88	#5	2'-9"	⌐	
Item				Unit	Quantity
Concrete Superstructure				Cu. Yd.	17.2
Reinforcement Bars, Epoxy Coated				Pound	2,560



**PLAN AT EAST ABUTMENT**

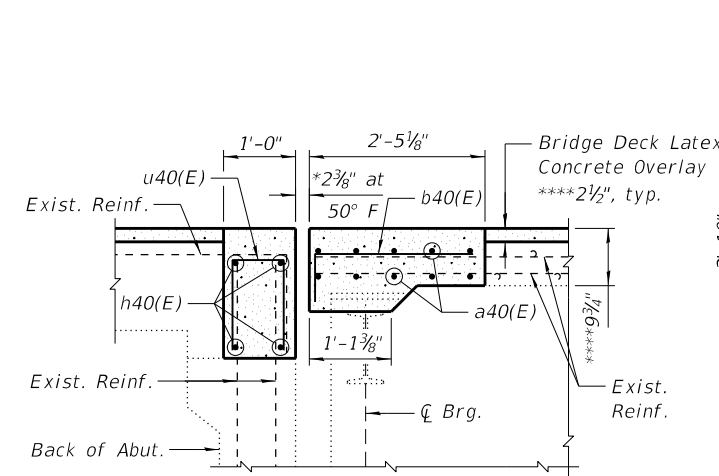


**PLAN AT WEST ABUTMENT**

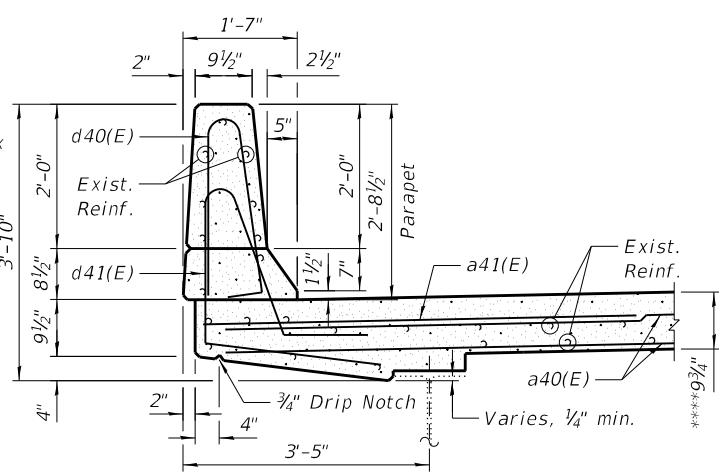


**MINIMUM BAR LAP**  
 #5 bar = 3'-6"  
 #6 bar = 4'-0"

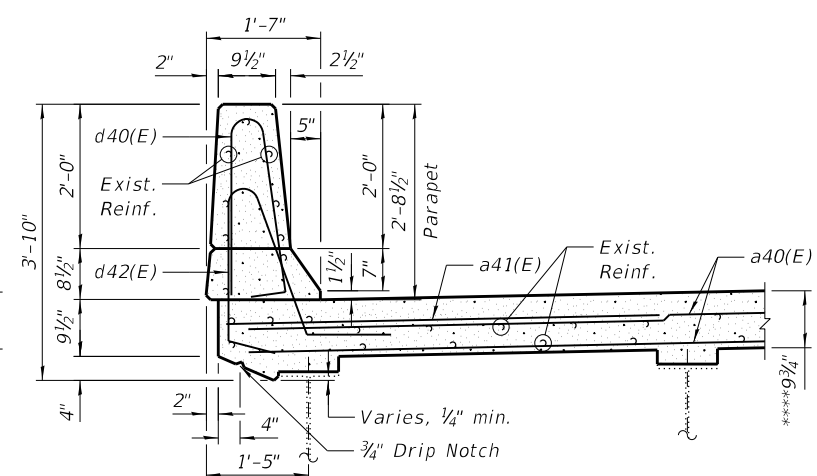
**PARTIAL PLAN SHOWING CONCRETE REPLACEMENT**  
 Prop. Reinf. in parapet not shown for clarity.



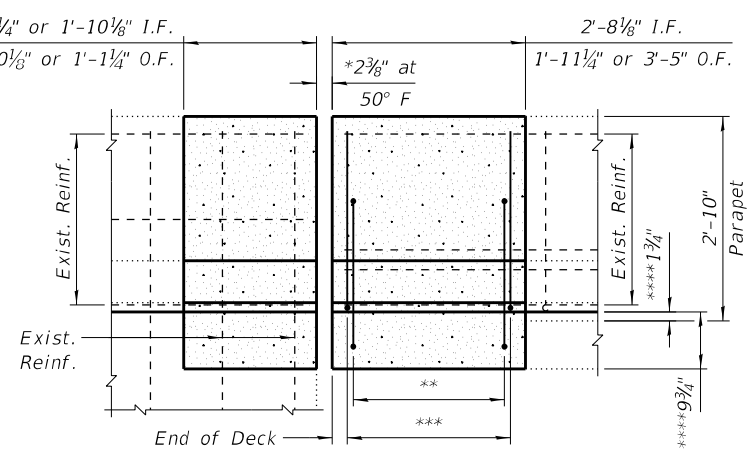
**SECTION A-A**



**SECTION THRU INTERIOR PARAPET**



**SECTION THRU EXTERIOR PARAPET**



**ELEVATION - INSIDE FACE OF PARAPET**

- \*\*4-#5 d41(E) bars @ 9 1/2" cts., S.E. corner
- 3-#5 d41(E) bars @ 9 1/2" cts., S.W. corner
- 4-#5 d42(E) bars @ 9 1/2" cts., N.W. corner
- 3-#5 d42(E) bars @ 9 1/2" cts., N.E. corner
- \*\*\*4-#5 d40(E) bars @ 9 1/2" cts., N.W. & S.E. corners
- 3-#5 d40(E) bars @ 9 1/2" cts., N.E. & S.W. corners

**NOTES:**

- 1.) \*Dimension showing concrete opening. For joint opening, see Sheet 9 of 10.
- 2.) \*\*\*\*Prior to 1/4" grinding.



DESIGNED - VPT  
 CHECKED - JML  
 DRAWN - DJM  
 CHECKED - JML  
 DATE - 01/13/2023

REVIS  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**JOINT REPLACEMENT DETAILS  
 STRUCTURE NO. 006-0008 (W.B.)**

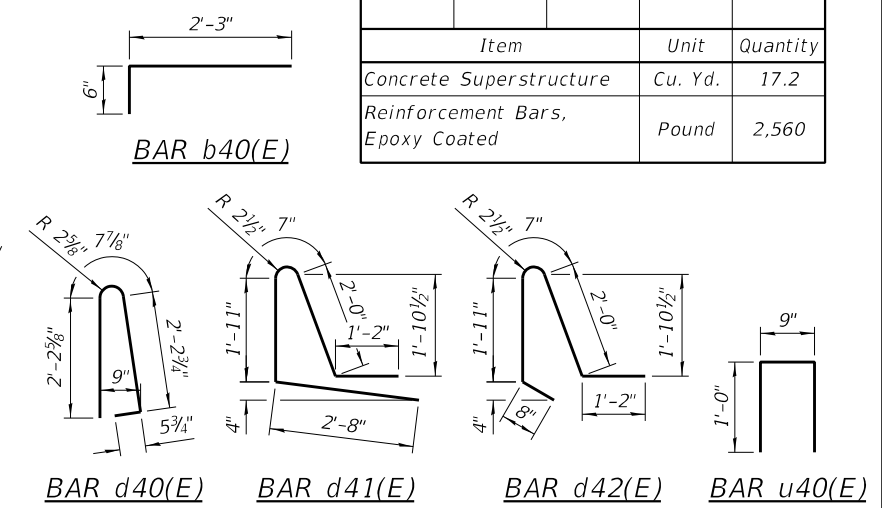
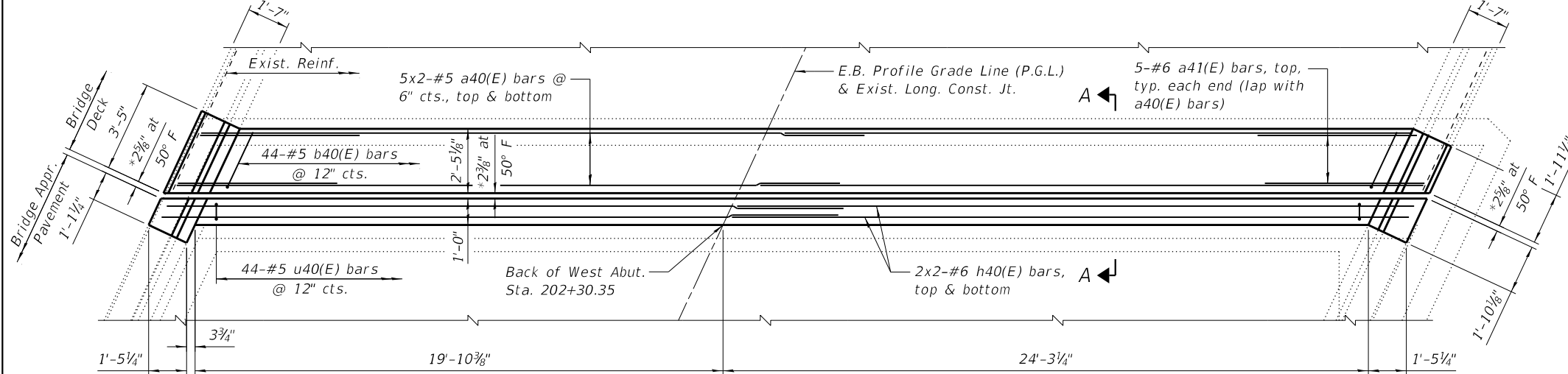
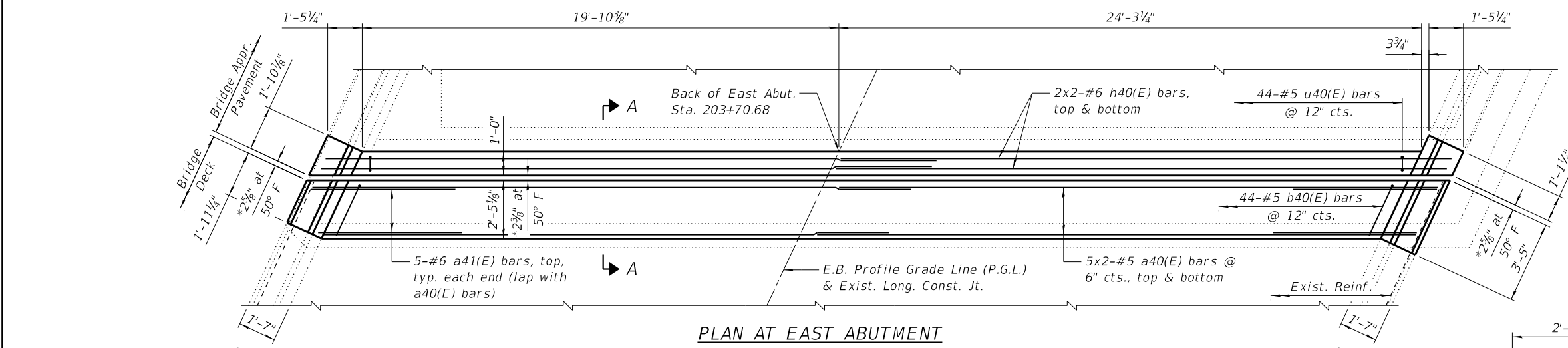
SHEET NO. 7 OF 10 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	159
			CONTRACT NO. 66J65	

ILLINOIS

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a40(E)	40	#5	25'-5"	—
a41(E)	20	#6	6'-0"	—
b40(E)	88	#5	2'-9"	└
d40(E)	14	#5	5'-7"	⌒
d41(E)	7	#5	8'-4"	⌒
d42(E)	7	#5	6'-4"	⌒
h40(E)	16	#6	25'-8"	—
u40(E)	88	#5	2'-9"	┌
Item	Unit	Quantity		
Concrete Superstructure	Cu. Yd.	17.2		
Reinforcement Bars, Epoxy Coated	Pound	2,560		

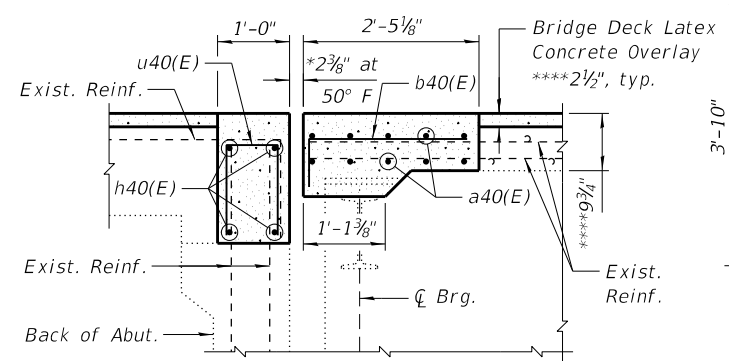


**MINIMUM BAR LAP**

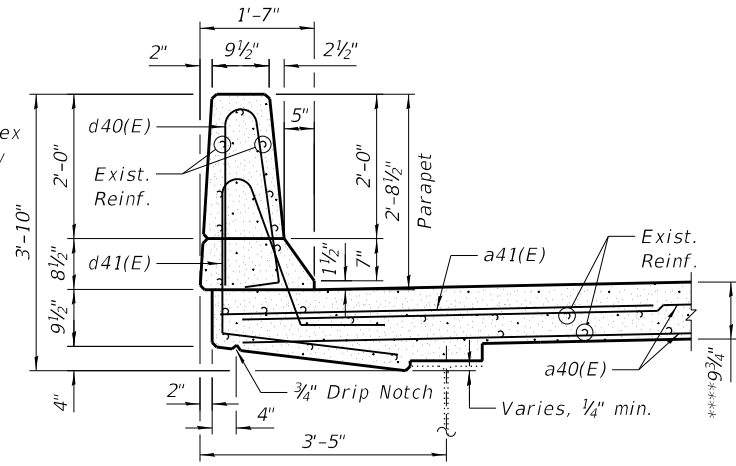
#5 bar = 3'-6"  
#6 bar = 4'-0"

**PARTIAL PLAN SHOWING CONCRETE REPLACEMENT**

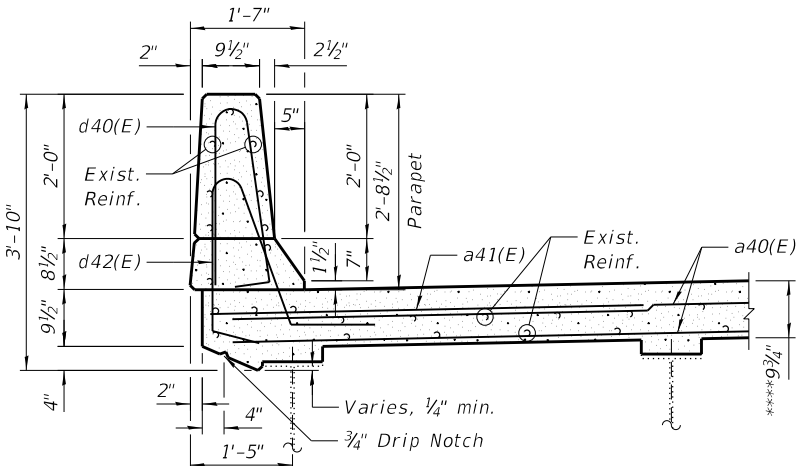
Prop. Reinf. in parapet not shown for clarity.



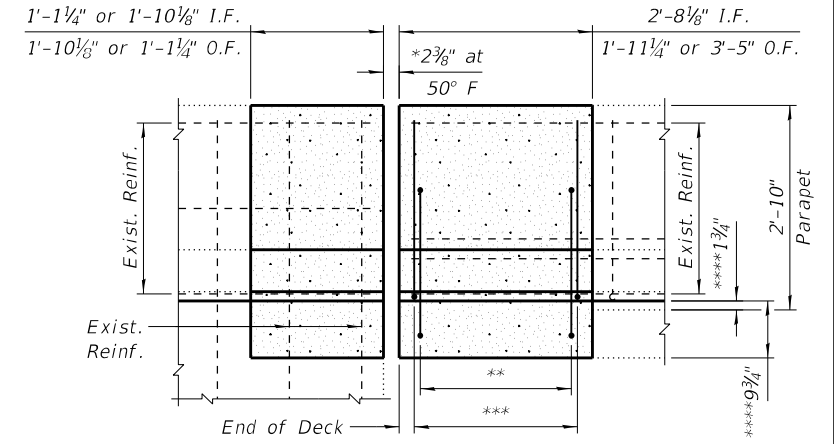
**SECTION A-A**



**SECTION THRU INTERIOR PARAPET**



**SECTION THRU EXTERIOR PARAPET**



**ELEVATION - INSIDE FACE OF PARAPET**

- \*\*3-#5 d41(E) bars @ 9 1/2" cts., N.E. corner
- 4-#5 d41(E) bars @ 9 1/2" cts., N.W. corner
- 3-#5 d42(E) bars @ 9 1/2" cts., S.W. corner
- 4-#5 d42(E) bars @ 9 1/2" cts., S.E. corner
- \*\*\*4-#5 d40(E) bars @ 9 1/2" cts., N.W. & S.E. corners
- 3-#5 d40(E) bars @ 9 1/2" cts., N.E. & S.W. corners

**NOTES:**

- 1.) \*Dimension showing concrete opening. For joint opening, see Sheet 9 of 10.
- 2.) \*\*\*\*Prior to 1/4" grinding.



DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED

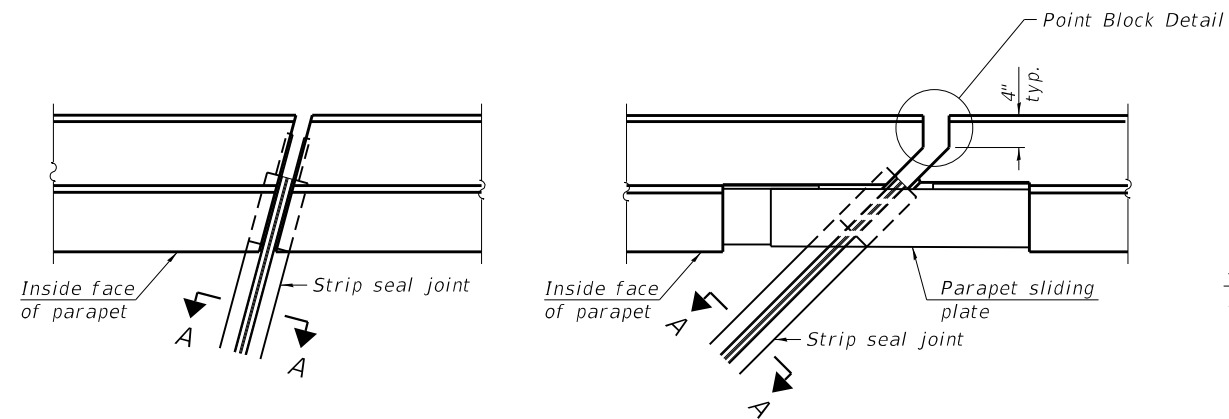
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOINT REPLACEMENT DETAILS  
STRUCTURE NO. 006-0007 (E.B.)**

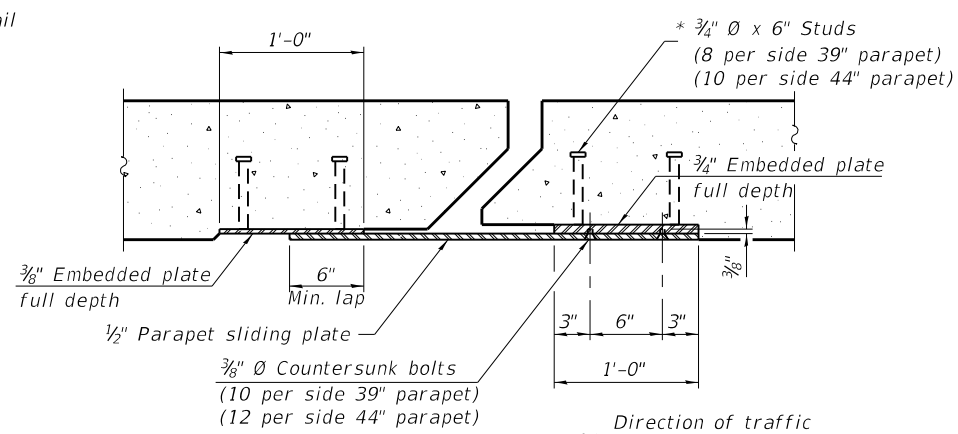
SHEET NO. 8 OF 10 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	160
CONTRACT NO. 66J65			ILLINOIS	

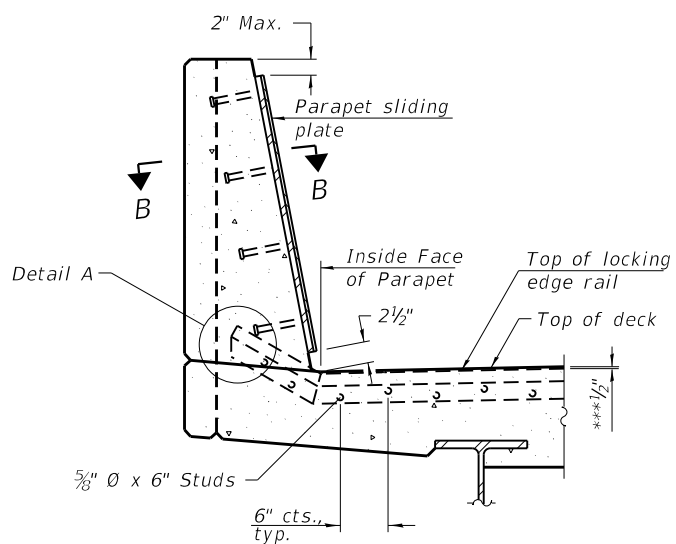




PLAN AT PARAPET

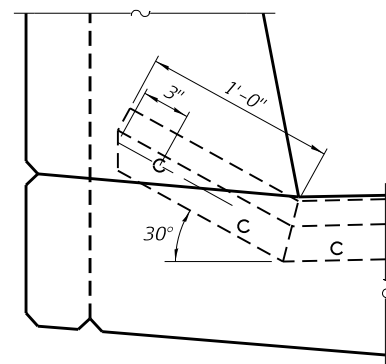


SECTION B-B

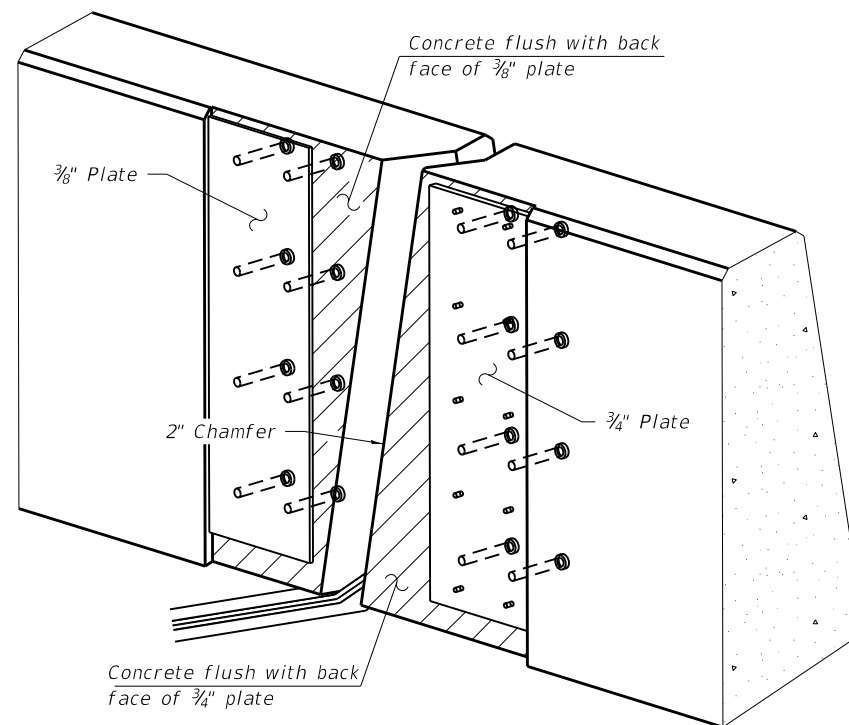


SECTION AT PARAPET

(Skews  $> 30^\circ$  shown. Skews  $\leq 30^\circ$  similar except as shown in plan view.)  
\*\*\*Prior to  $\frac{1}{4}$ " grinding.

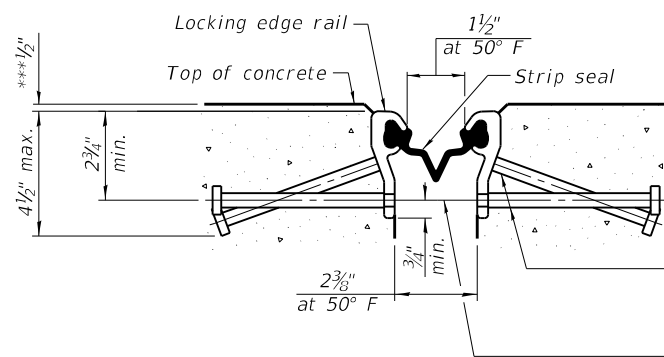


DETAIL A



TRIMETRIC VIEW

(Showing embedded plates only)



SHOWING ROLLED RAIL JOINT

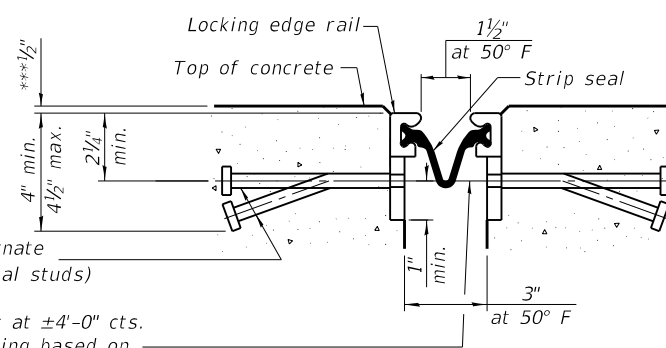
\*  $\frac{5}{8}$ "  $\varnothing$  x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

$\frac{3}{8}$ "  $\varnothing$  threaded rods in  $\frac{7}{16}$ "  $\varnothing$  holes at  $\pm 4$ -0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

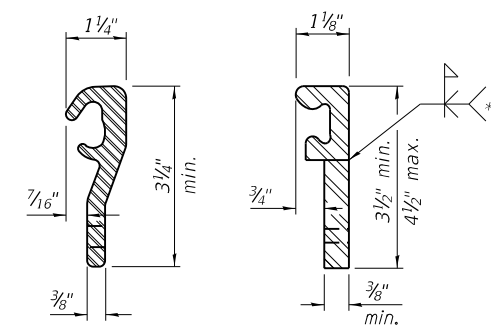
SECTION A-A

\* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

\*\*\* Prior to  $\frac{1}{4}$ " grinding.

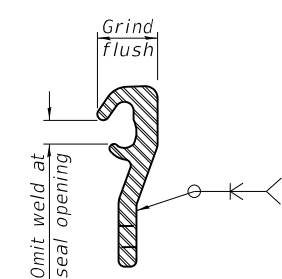


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

\*\* Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	191.0

EJ-SS

**Farnsworth GROUP**  
2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@fsw.com

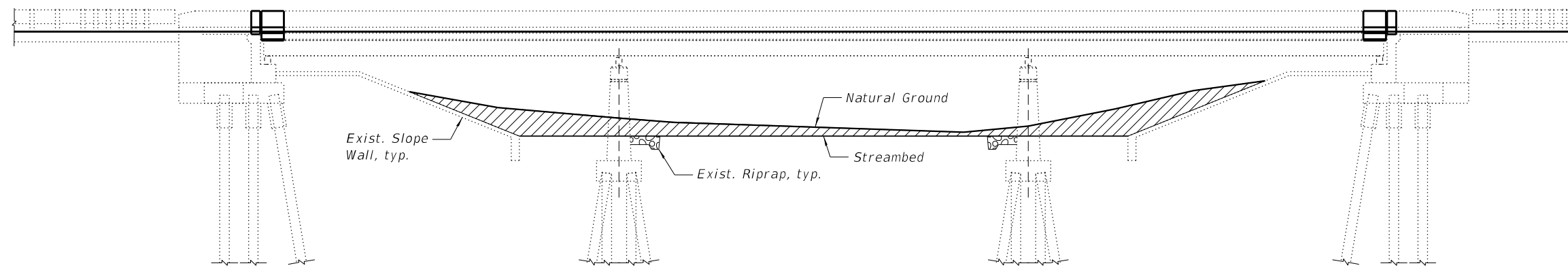
DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL  
STRUCTURE NO. 006-0007 (E.B.) & 006-0008 (W.B.)

SHEET NO. 9 OF 10 SHEETS

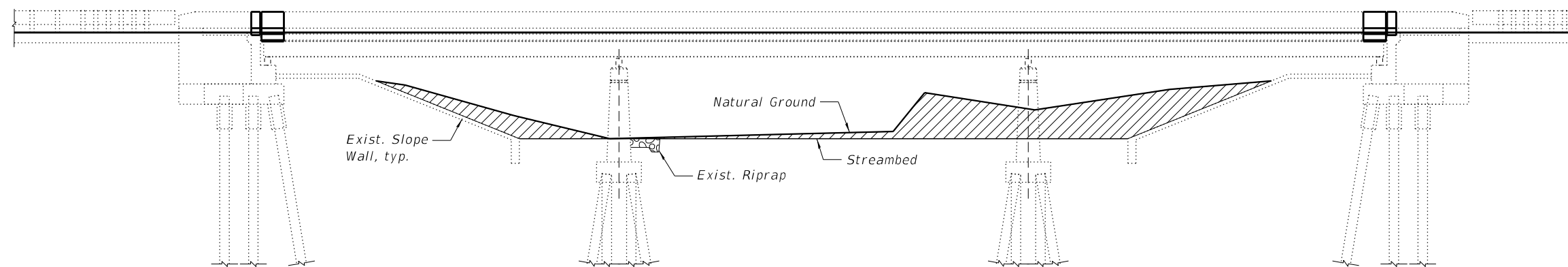
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	161
			CONTRACT NO. 66J65	
ILLINOIS				



**ELEVATION S.N. 0006-0008**

(Looking North - South Face)  
(Westbound Structure)

Approximate Channel Excavation = 176.7 sq. ft.



**ELEVATION S.N. 0006-0007**

(Looking North - South Face)  
(Eastbound Structure)

Approximate Channel Excavation = 229.2 sq. ft.

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	2,098

(Combined Channel Excavation for both structures)

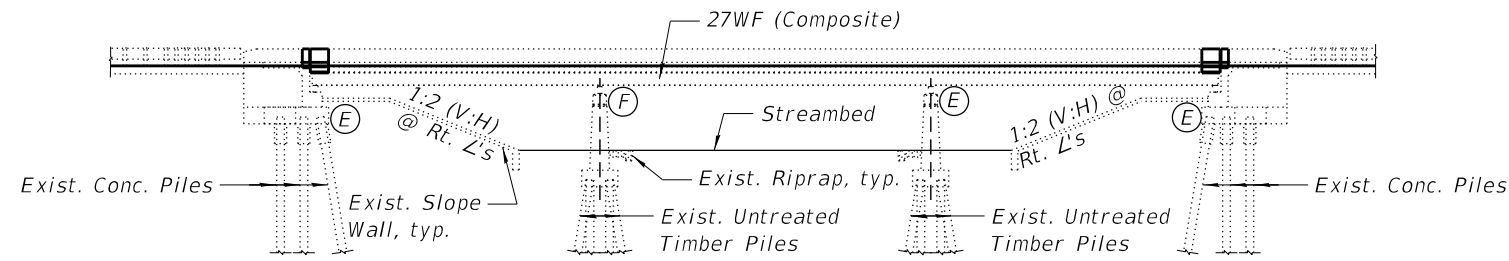
**LEGEND**



**NOTES:**

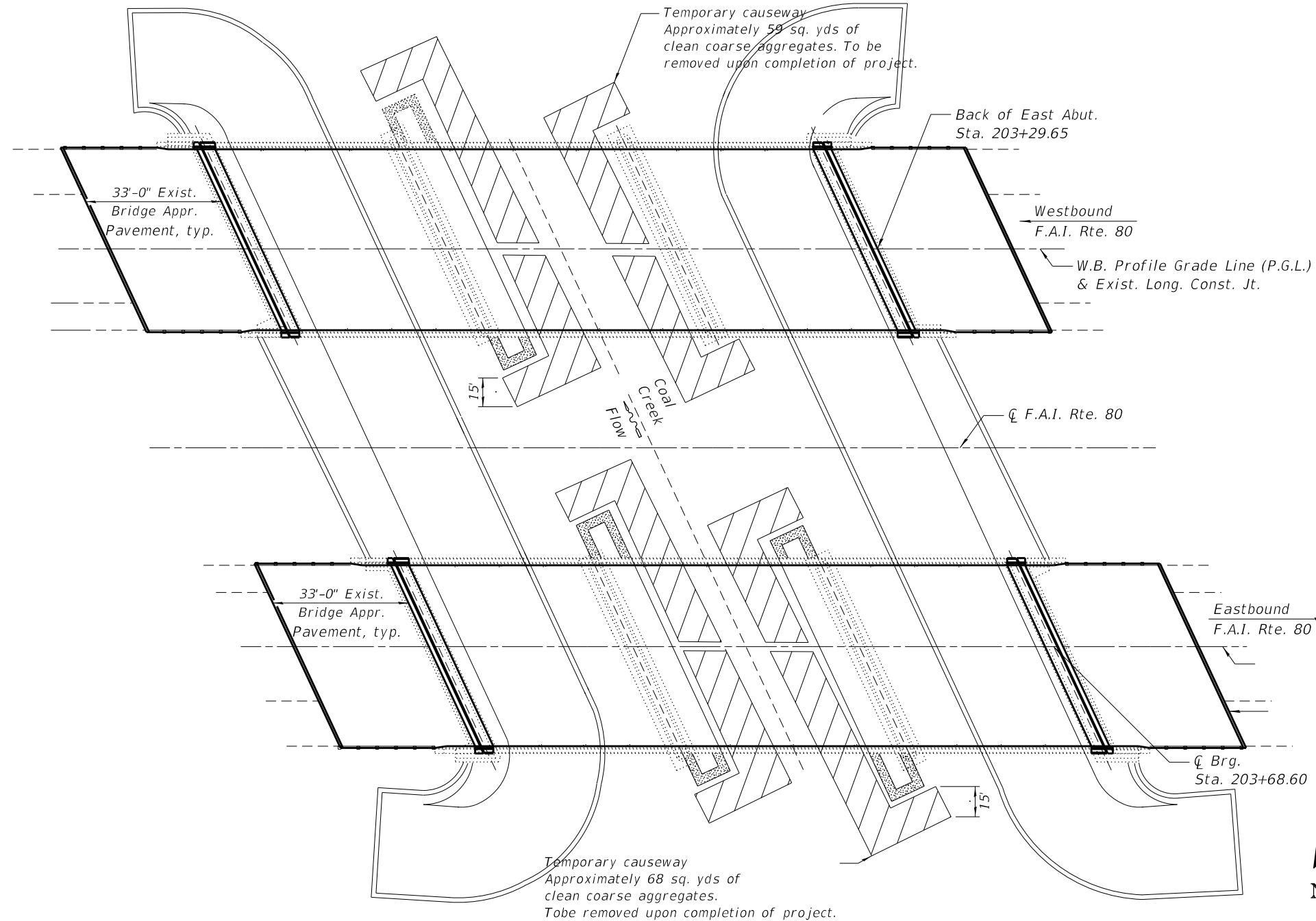
- 1.) The average of the two areas noted on the plans were utilized to calculate the Channel Excavation volume within the limit of the Right-of-Way. The total Channel Excavation volume has been increased by 10% to account for variability of the natural ground line.
- 2.) Channel cross sections were field measured in June 2022.

# EXHIBIT



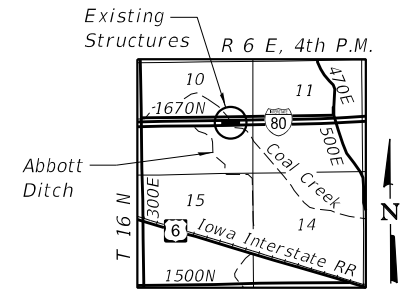
## ELEVATION

(Looking North)  
 (Westbound Structure shown,  
 Eastbound Structure similar)



## PLAN

Not to Scale



## LOCATION SKETCH

I-80 OVER COAL CREEK  
 F.A.I. RTE. 80 SEC. (06-1, 06-2)ES  
 BUREAU COUNTY  
 STATION 202+80.00  
 STRUCTURE NO. 006-0007 (E.B.)  
 STRUCTURE NO. 006-0008 (W.B.)

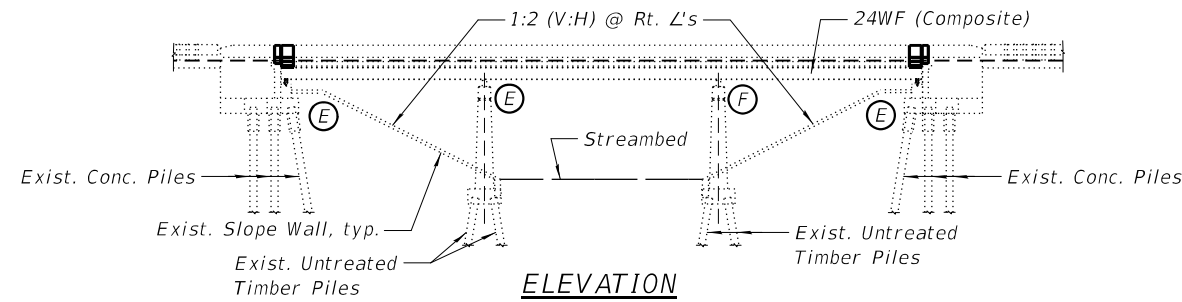
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WORKPAD /CAUSEWAY PLAN  
 SN 006-0007 & SN 006-0008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	163
				CONTRACT NO. 66165
ILLINOIS				

Existing Structure: Structure No. 006-0009 (E.B.) and Structure No. 006-0010 (W.B.) were constructed in 1963 as Section 06-2B. In 2009, the concrete deck was replaced with a new C.I.P. deck made composite with the existing superstructure. The superstructure consists of a three-span continuous composite rolled steel girder with 8" cast-in-place concrete deck. The substructure consists of reinforced concrete spill-thru abutments supported by concrete piles and solid wall piers on spread footings and timber piles. The back-to-back of abutments length measures 109'-0" and the out-to-out deck measures 43'-8". The span lengths are 33'-3", 39'-0", and 33'-3". There is no skew. Traffic shall be maintained utilizing crossovers during construction.

No Salvage.

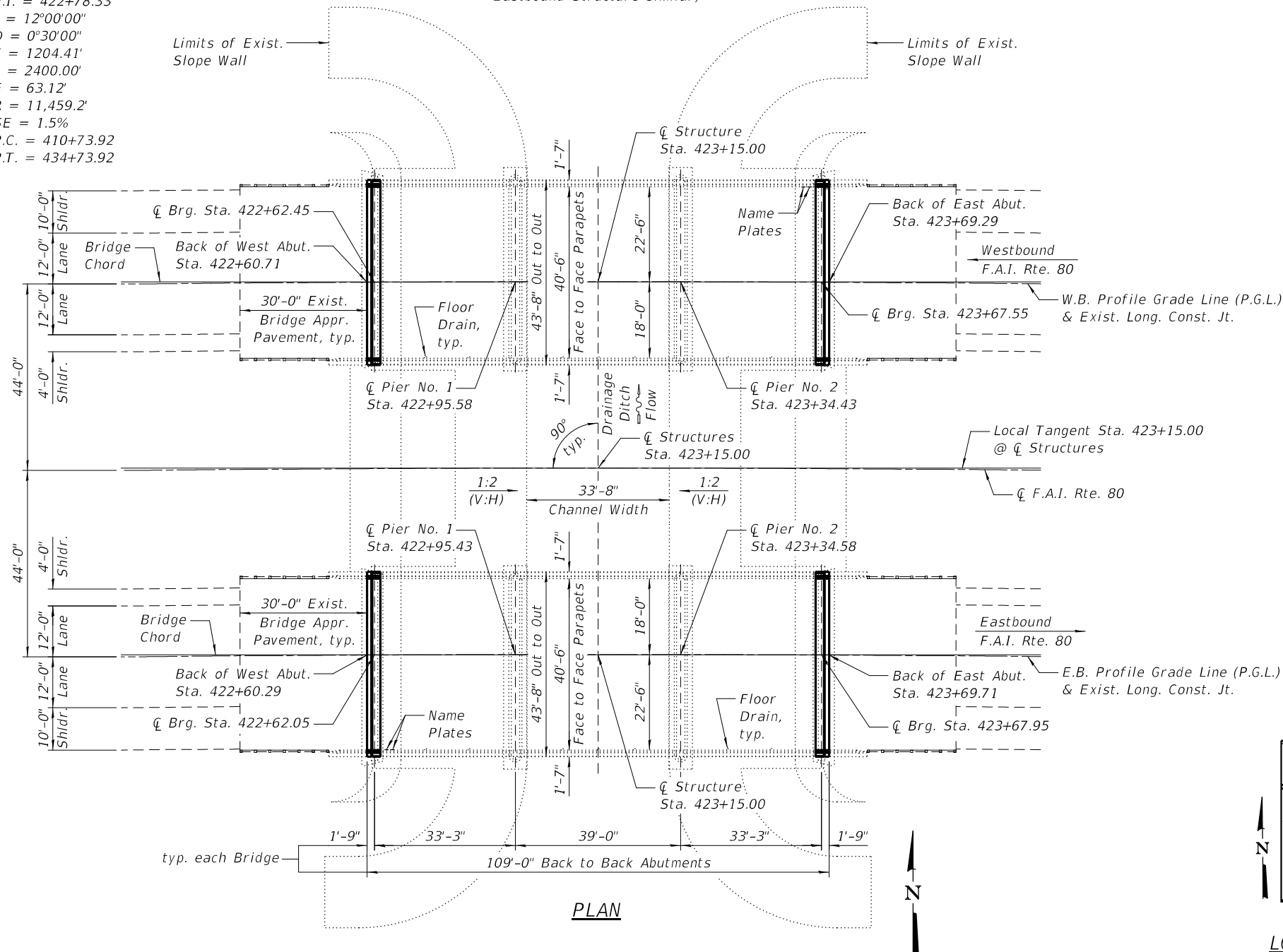


**ELEVATION**

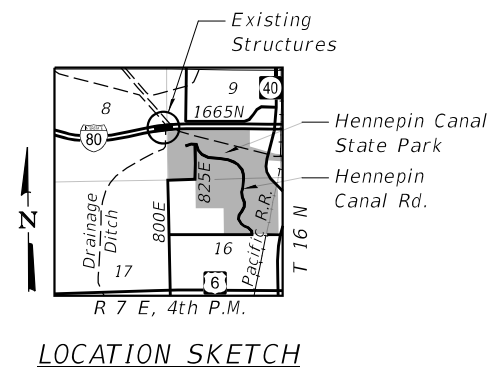
(Looking North)  
(Westbound Structure shown,  
Eastbound Structure similar)

**HORIZONTAL CURVE DATA**

P.I. = 422+78.33  
I = 12°00'00"  
D = 0°30'00"  
T = 1204.41'  
L = 2400.00'  
E = 63.12'  
R = 11,459.2'  
SE = 1.5%  
P.C. = 410+73.92  
P.T. = 434+73.92



**PLAN**



**LOCATION SKETCH**

**SCOPE OF WORK**

- 1.) Traffic shall be maintained utilizing crossovers during construction.
- 2.) Replace the existing expansion joints with Preformed Joint Strip Seal.
- 3.) Repair of approach slabs and bridge deck.
- 4.) Crack sealing of approach slabs and bridge deck.
- 5.) Adjust the existing rocker bearings and sole plates at Pier No. 1 Eastbound and Westbound.
- 6.) Channel excavation to top of existing slope walls.
- 7.) Repair existing slope walls.

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	GENERAL PLAN AND ELEVATION
2	GENERAL DATA AND MISCELLANEOUS DETAILS
3	DECK AND APPROACH SLAB REPAIRS
4	DECK AND APPROACH SLAB REPAIRS - AS BUILT
5-6	JOINT REMOVAL DETAILS
7-8	JOINT REPLACEMENT DETAILS
9	PREFORMED JOINT STRIP SEAL
10	BEARING DETAILS
11	CHANNEL EXCAVATION
12	SLOPE WALL REPAIRS

**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications  
for Highway Bridges

**EXISTING DESIGN STRESSES**

**FIELD UNITS (2009):**

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)

**FIELD UNITS (1963):**

f'c = 3,500 psi  
fy = 40,000 psi (Reinforcement)  
fy = 36,000 psi (Structural Steel)

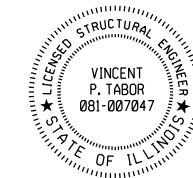
**PROPOSED DESIGN STRESSES**

**FIELD UNITS:**

f'c = 3,500 psi  
f'c = 4,000 psi (Superstructure)  
fy = 60,000 psi (Reinforcement)

**LOADING HS20-44 & ALT. MILITARY**

Allow 50#/sq. ft. for  
future wearing surface.



Vincent P. Tabor 1/13/2023

Vincent P. Tabor  
Licensed Structural Engineer  
State of Illinois No. 081-007047  
Expires 11/30/2024

**I-80 OVER DRAINAGE DITCH**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**

**BUREAU COUNTY**  
**STATION 423+15.00**  
**STRUCTURE NO. 006-0009 (E.B.)**  
**STRUCTURE NO. 006-0010 (W.B.)**



DESIGNED - VPT	REVISION
CHECKED - JML	REVISION
DRAWN - DJM	REVISION
CHECKED - JML	REVISION

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**

SHEET NO. 1 OF 12 SHEETS

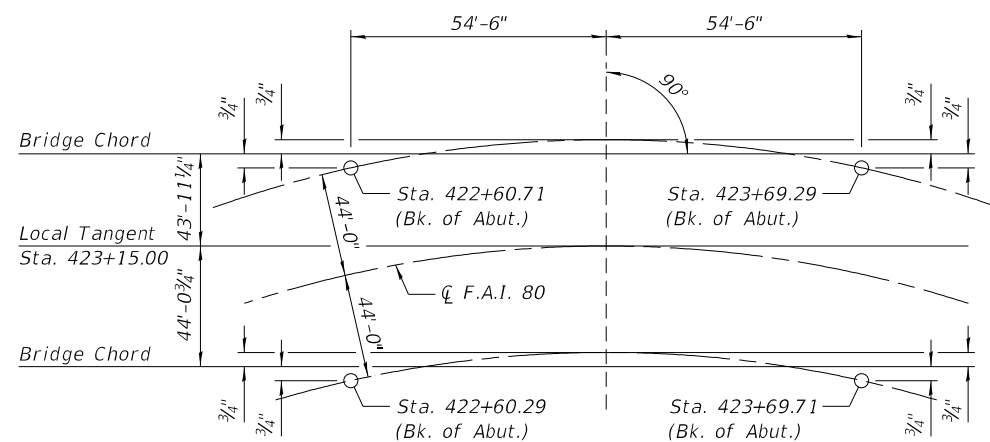
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	164
			CONTRACT NO. 66165	

TOTAL BILL OF MATERIAL

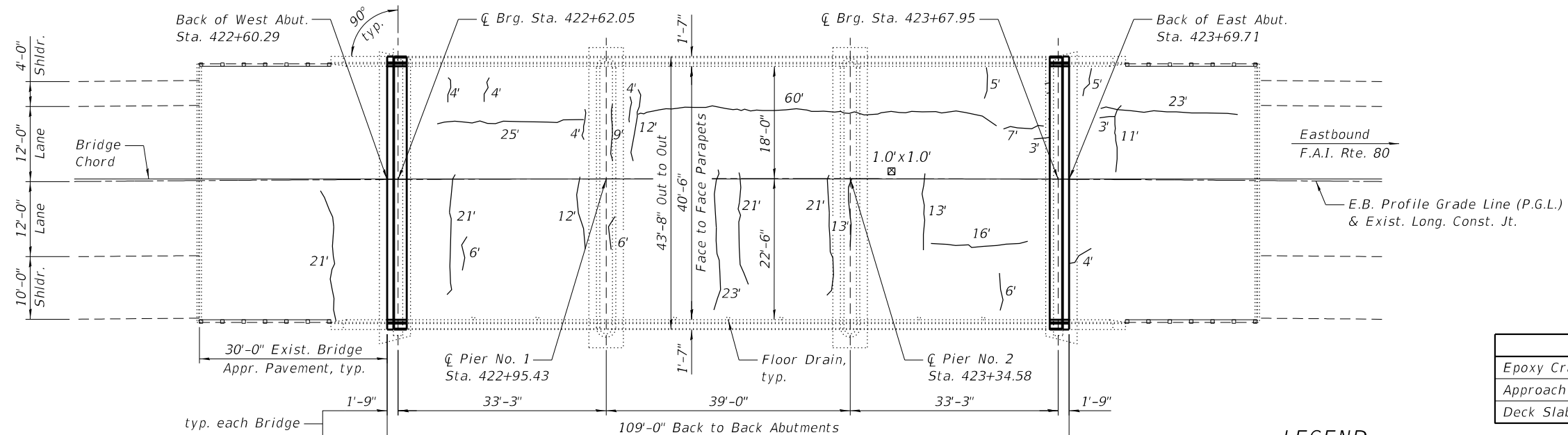
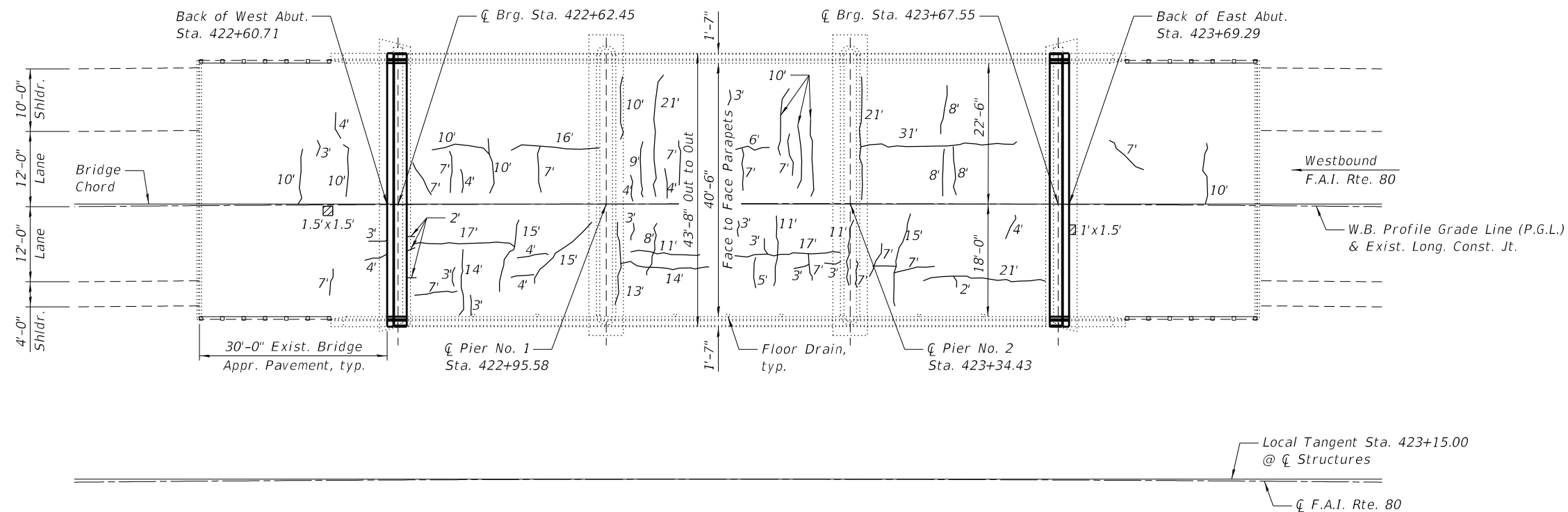
ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	1,177
Concrete Removal	Cu. Yd.	22.6
Concrete Superstructure	Cu. Yd.	22.4
Protective Coat	Sq. Yd.	65
Reinforcement Bars, Epoxy Coated	Pound	4,250
Prefomed Joint Strip Seal	Foot	170.0
Anchor Bolts, 3/4"	Each	56
Concrete Sealer	Sq. Ft.	2
Epoxy Crack Injection	Foot	928
Adjust Rocker and Sole Plate	Each	14
Approach Slab Repair (Partial Depth)	Sq. Yd.	1
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	1.2
Deck Slab Repair (Partial)	Sq. Yd.	1
Slope Wall Repair	Sq. Yd.	95
Slope Wall Slurry Pumping	Cu. Yd.	31.6

GENERAL NOTES:

- 1.) No field welding is permitted except as specified in the contract documents.
- 2.) Reinforcement bars designated (E) shall be epoxy coated.
- 3.) Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces that will be in contact with new concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of existing concrete.
- 4.) Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variation shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 5.) Protective Coat shall be applied to new concrete areas including the top surface of the bridge deck, and the top and inside vertical faces of parapets; and to the finished surfaces of all deck and approach slab repairs.
- 6.) Concrete Sealer shall be applied to areas of substructure receiving Structural Repair of Concrete.
- 7.) The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. This final finish will not be measured for payment, but shall be included in the contract unit price for the associated work.
- 8.) As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrating testing (PT) by qualified personnel approved by the Engineer. Any cracks that can not be removed by grinding 1/4 in. deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of the removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.
- 9.) The Contractor may request copies of existing construction plans that are currently on file with the Department. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Department.
- 10.) All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M 300, Type 1. Cost included with Adjust Rocker and Sole Plate.
- 11.) Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision for Cleaning and Painting Contact Surface Areas of Existing Steel Structures. Cost included with Adjust Rocker and Sole Plate.



OFFSET SKETCH



PLAN



LEGEND

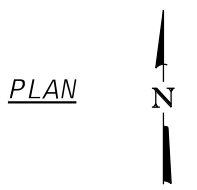
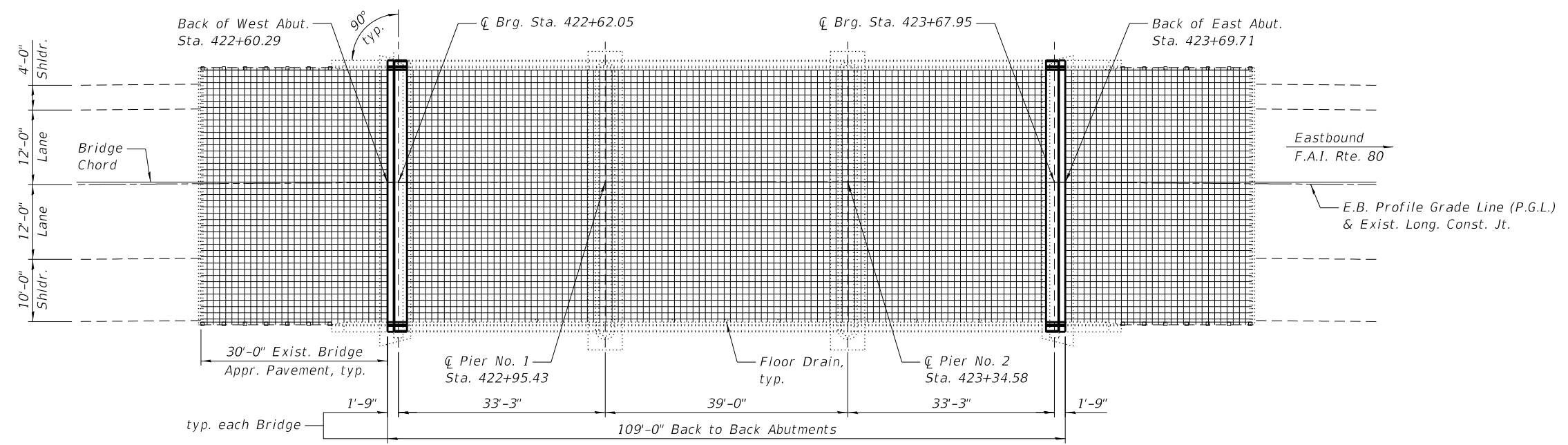
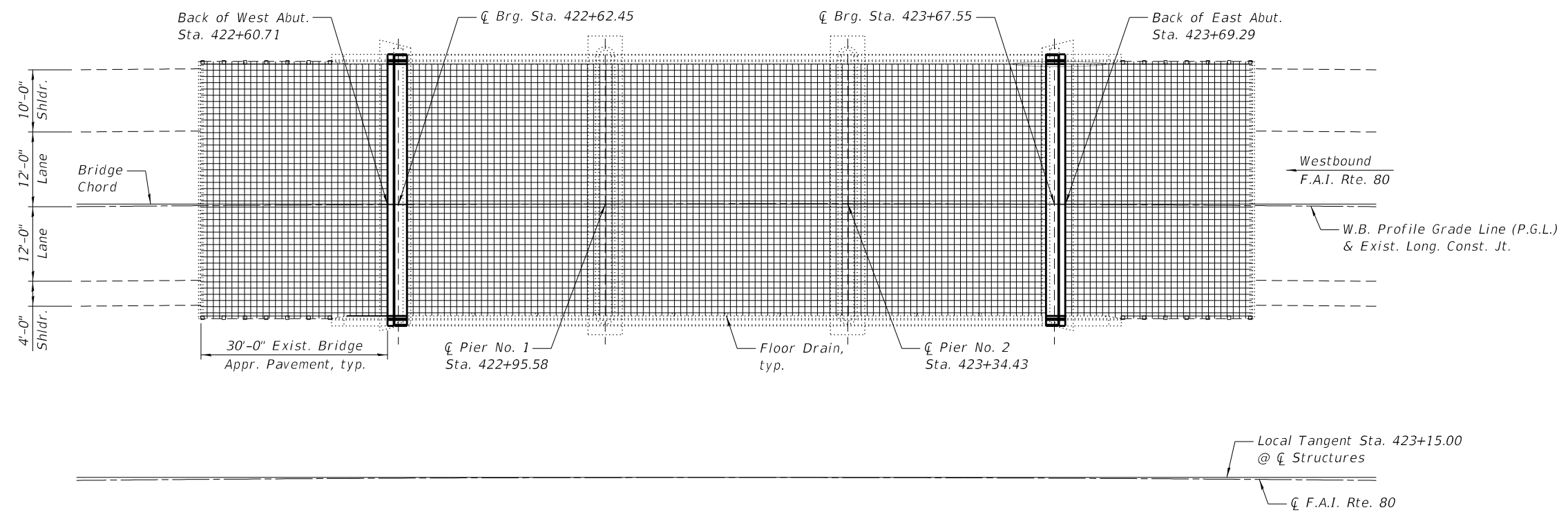
- Approach Slab Repair (Partial Depth)
- Deck Slab Repair (Partial)
- L.F. Epoxy Crack Injection

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Epoxy Crack Injection	Foot	928
Approach Slab Repair (Partial Depth)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	1

NOTE:

The repair areas shown are estimated based on field inspections conducted in June, 2022. The actual repair areas required shall be verified according to the special provisions, and documented by the Engineer on the As Built plan sheet.



- NOTES:**
- 1.) The Engineer shall record the As Built deck slab and approach slab repairs on this sheet.
  - 2.) The reference grid was drawn in 1' transverse and longitudinal increments.



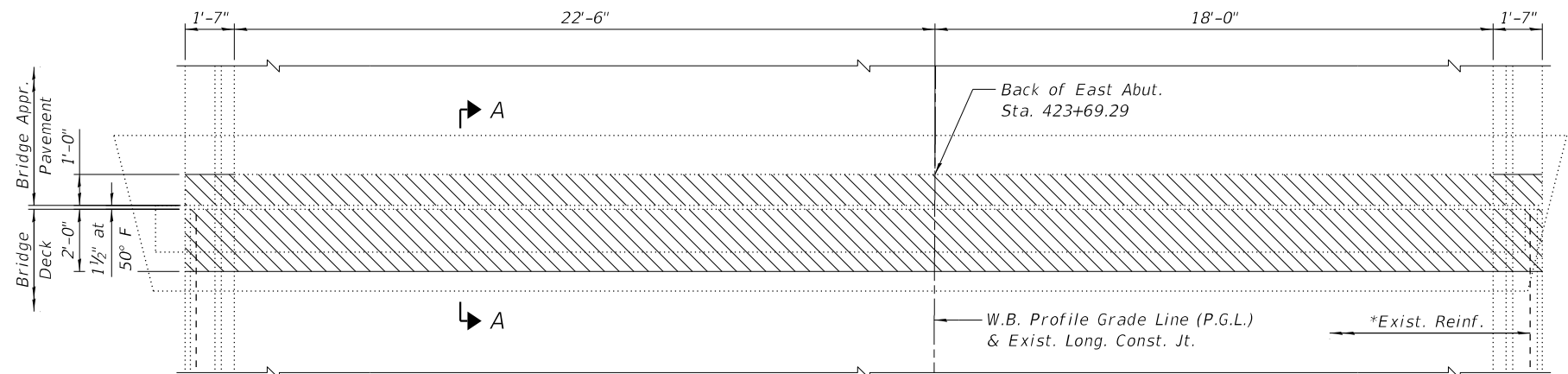
DESIGNED - VPT	REVISION
CHECKED - JML	REVISION
DRAWN - DJM	REVISION
CHECKED - JML	REVISION
DATE - 01/13/2023	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

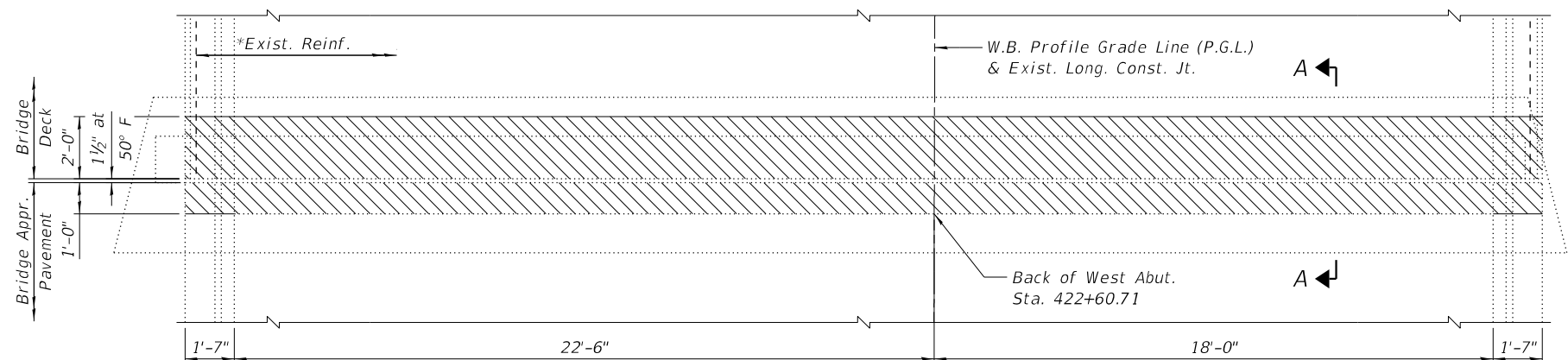
**DECK AND APPROACH REPAIRS - AS BUILT  
STRUCTURE NO. 006-0009 (E.B.) & 006-0010 (W.B.)**

SHEET NO. 4 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	167
			CONTRACT NO. 66165	
ILLINOIS				



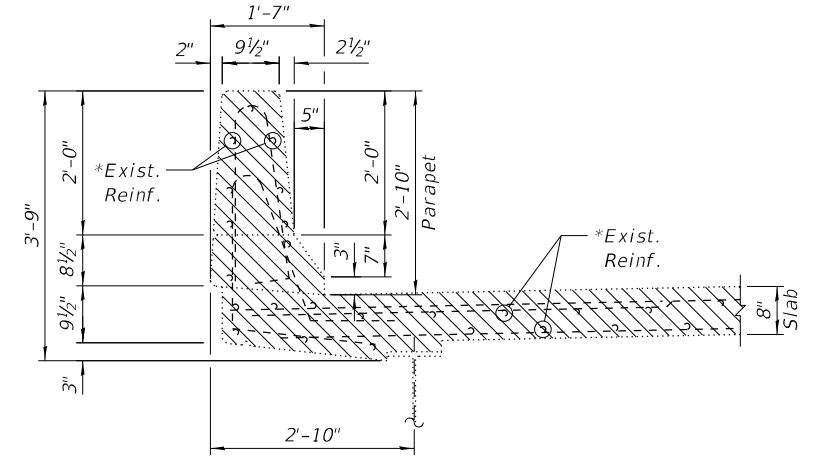
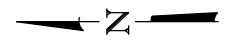
PLAN AT EAST ABUTMENT



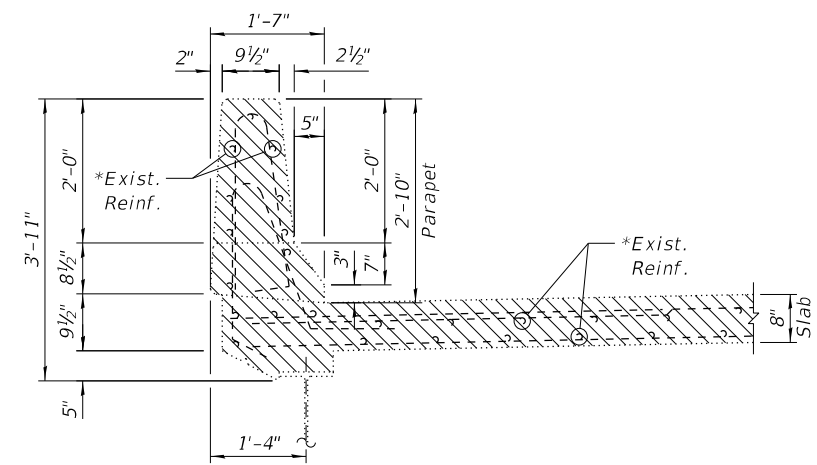
PLAN AT WEST ABUTMENT

PARTIAL PLAN SHOWING CONCRETE REMOVAL

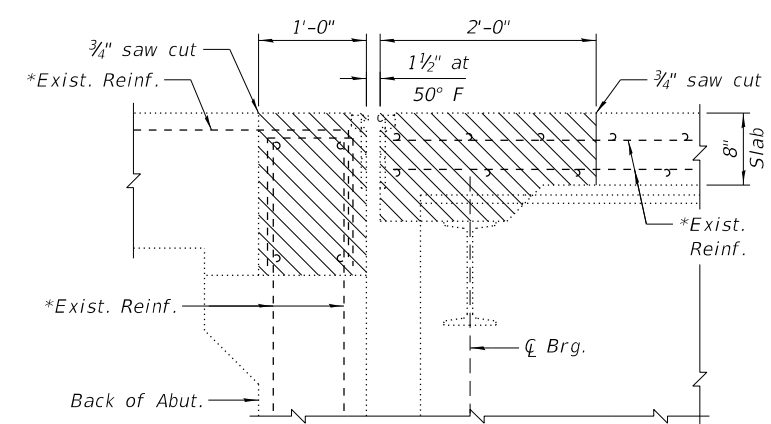
Exist. Reinf. in parapet not shown for clarity.



SECTION THRU INTERIOR PARAPET



SECTION THRU EXTERIOR PARAPET



SECTION A-A

LEGEND



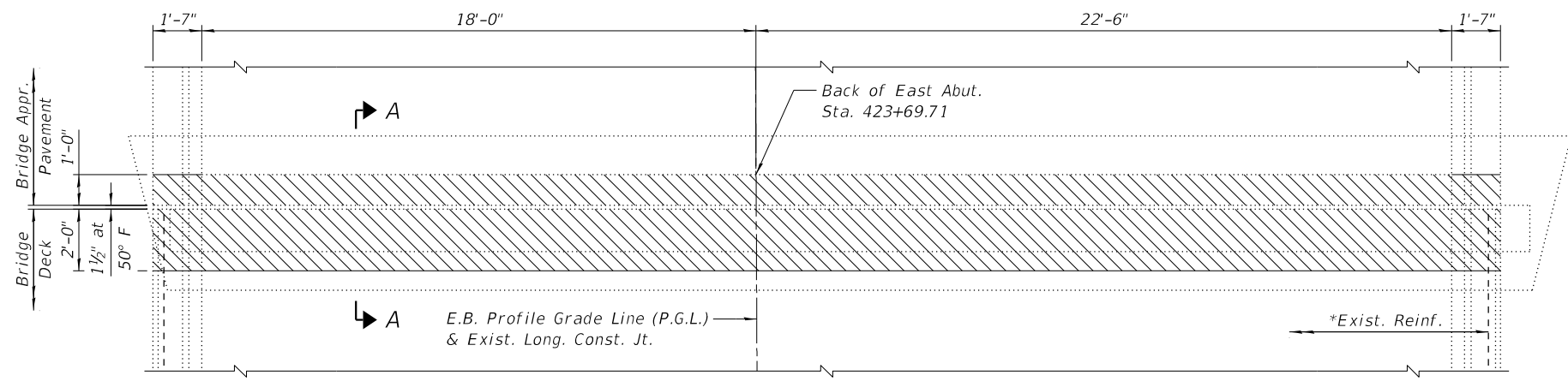
BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	11.3

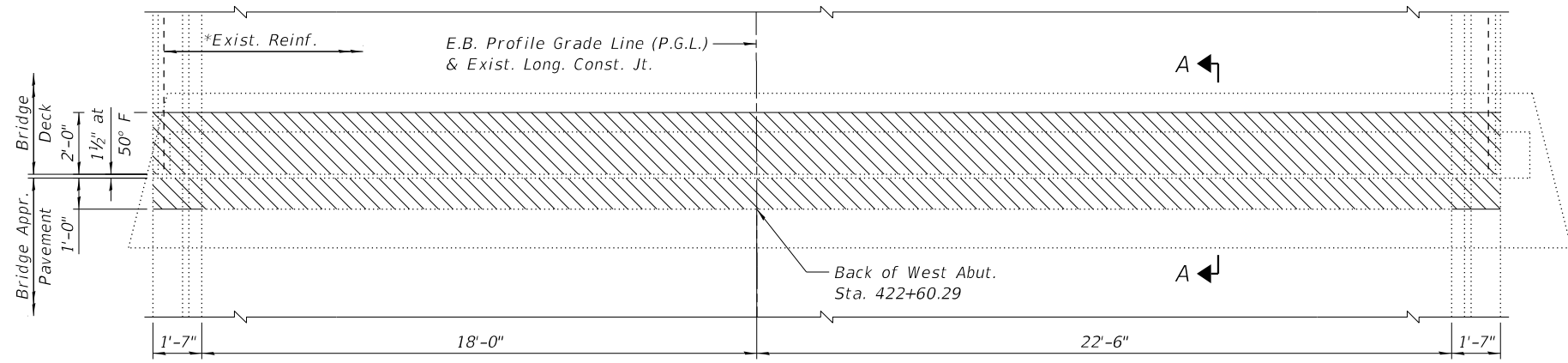
NOTES:

- Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
- Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.





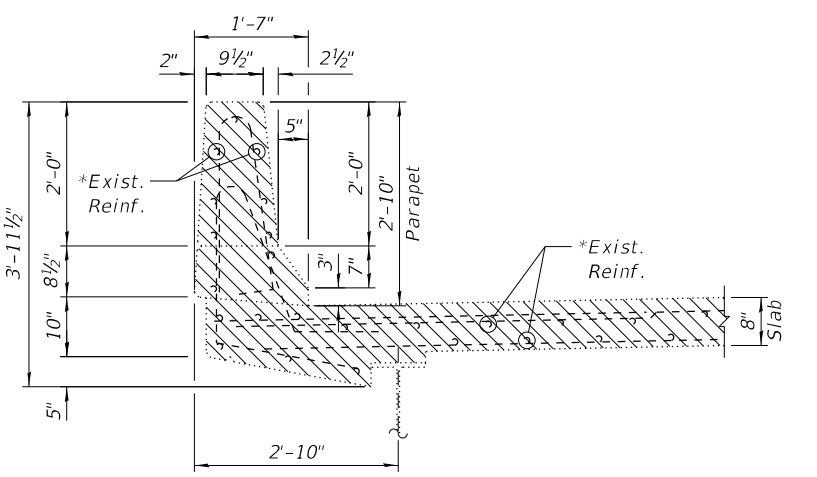
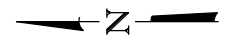
PLAN AT EAST ABUTMENT



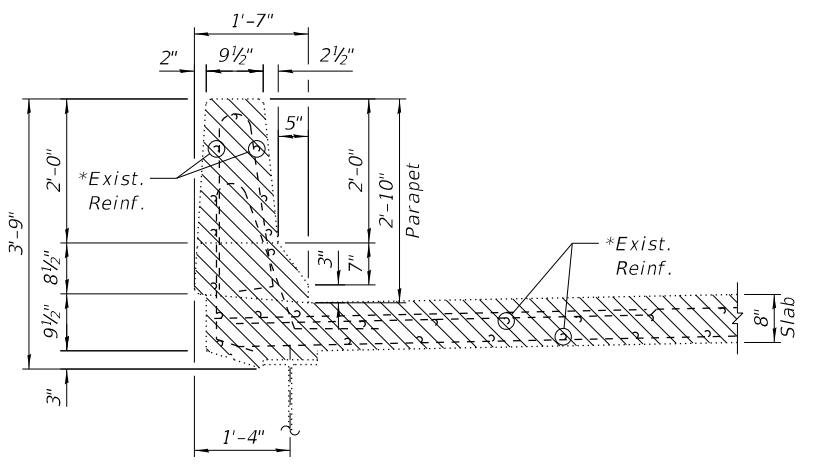
PLAN AT WEST ABUTMENT

PARTIAL PLAN SHOWING CONCRETE REMOVAL

Exist. Reinf. in parapet not shown for clarity.



SECTION THRU INTERIOR PARAPET



SECTION THRU EXTERIOR PARAPET

LEGEND

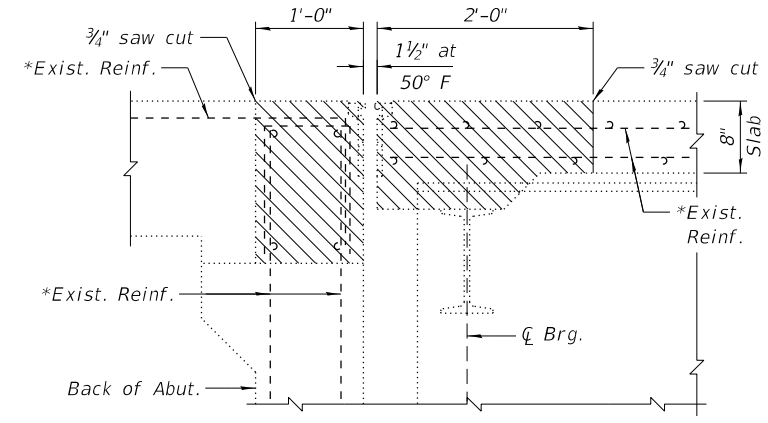


BILL OF MATERIAL

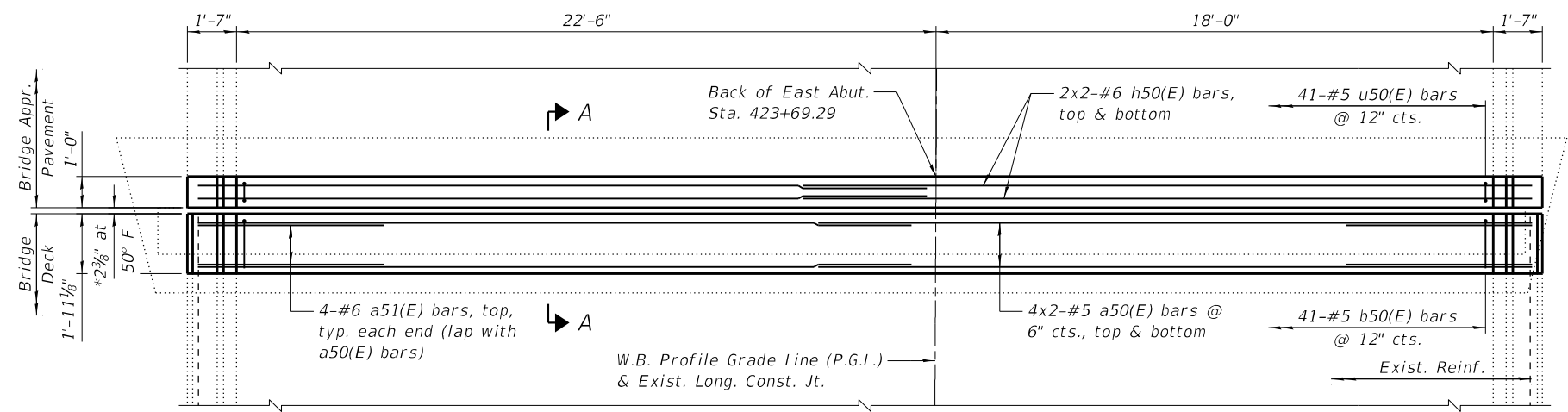
Item	Unit	Total
Concrete Removal	Cu. Yd.	11.3

NOTES:

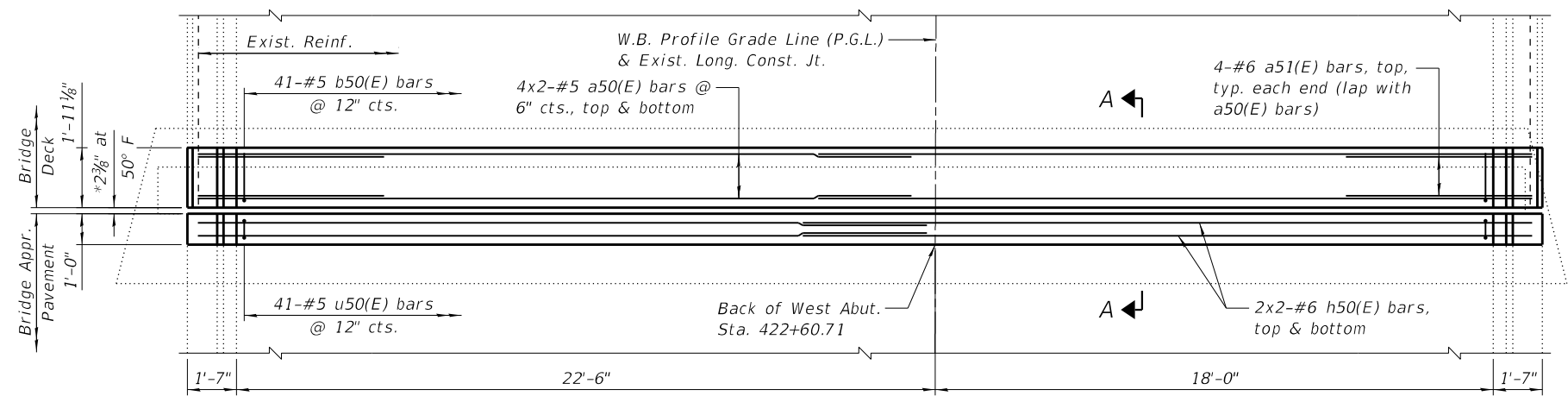
- Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Cost shall be included with Concrete Removal.
- Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost shall be included with Concrete Removal.



SECTION A-A



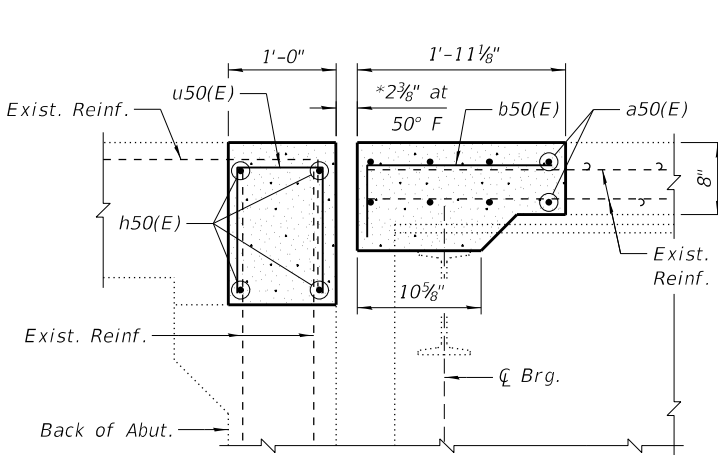
PLAN AT EAST ABUTMENT



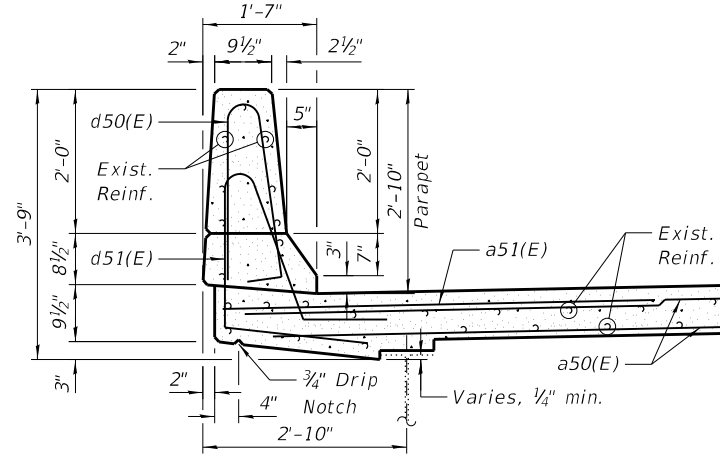
PLAN AT WEST ABUTMENT

**MINIMUM BAR LAP**  
 #5 bar = 3'-6"  
 #6 bar = 4'-0"

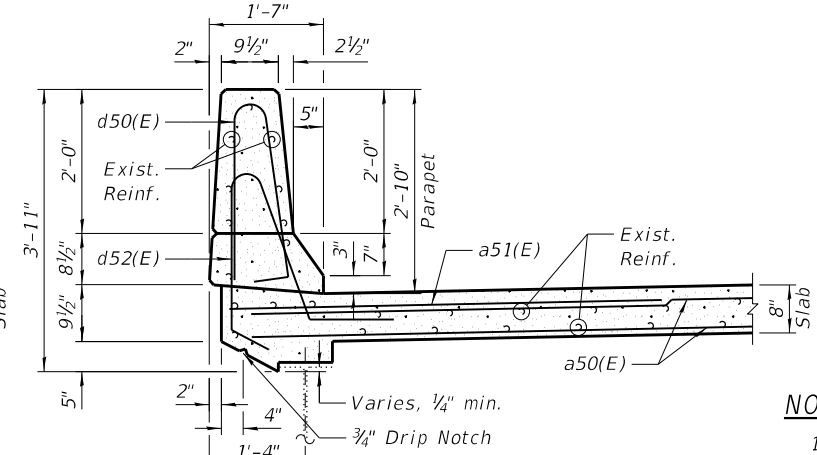
**PARTIAL PLAN SHOWING CONCRETE REPLACEMENT**  
 Prop. Reinf. in parapet not shown for clarity.



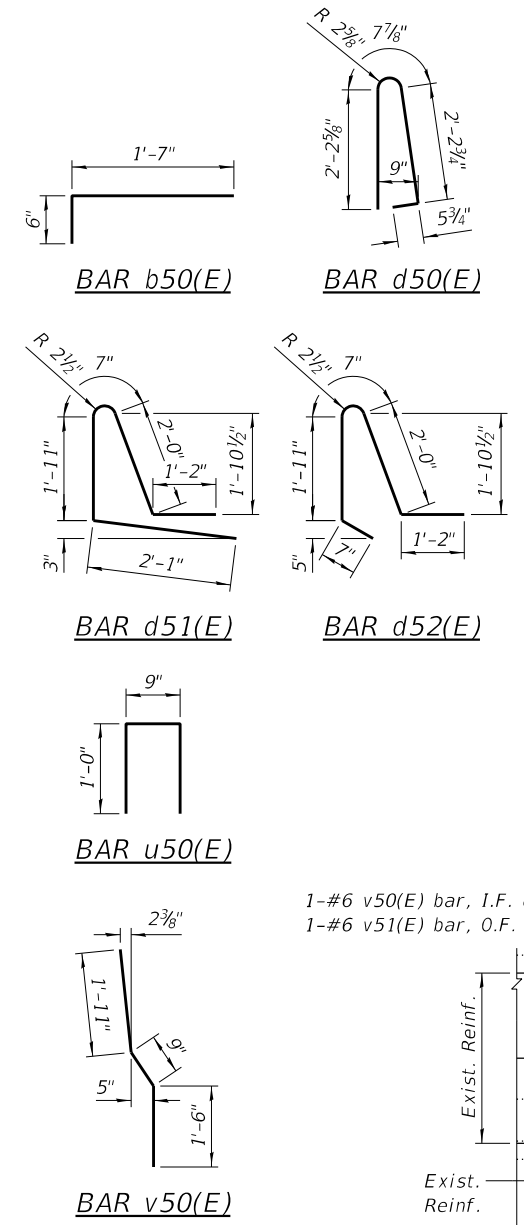
SECTION A-A



SECTION THRU INTERIOR PARAPET

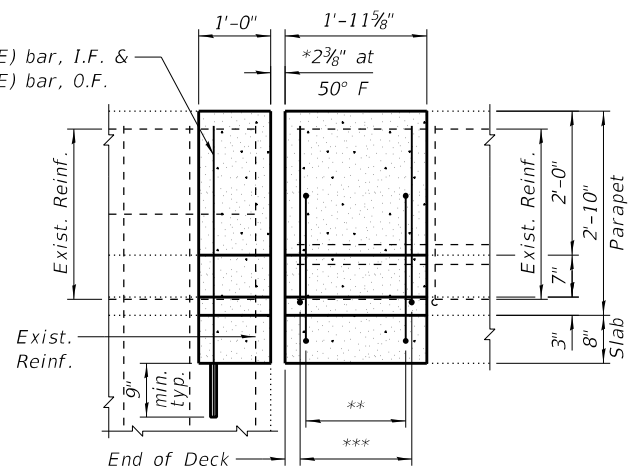


SECTION THRU EXTERIOR PARAPET



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
a50(E)	32	#5	23'-6"	—	
a51(E)	16	#6	6'-0"	—	
b50(E)	82	#5	2'-1"	└	
d50(E)	12	#5	5'-7"	⌋	
d51(E)	6	#5	7'-9"	⌋	
d52(E)	6	#5	6'-3"	⌋	
h50(E)	16	#6	23'-6"	—	
u50(E)	82	#5	2'-9"	└	
v50(E)	4	#6	4'-2"	—	
v51(E)	4	#6	4'-1"	—	
Item				Unit	Quantity
Concrete Superstructure				Cu. Yd.	11.2
Reinforcement Bars, Epoxy Coated				Pound	2,120

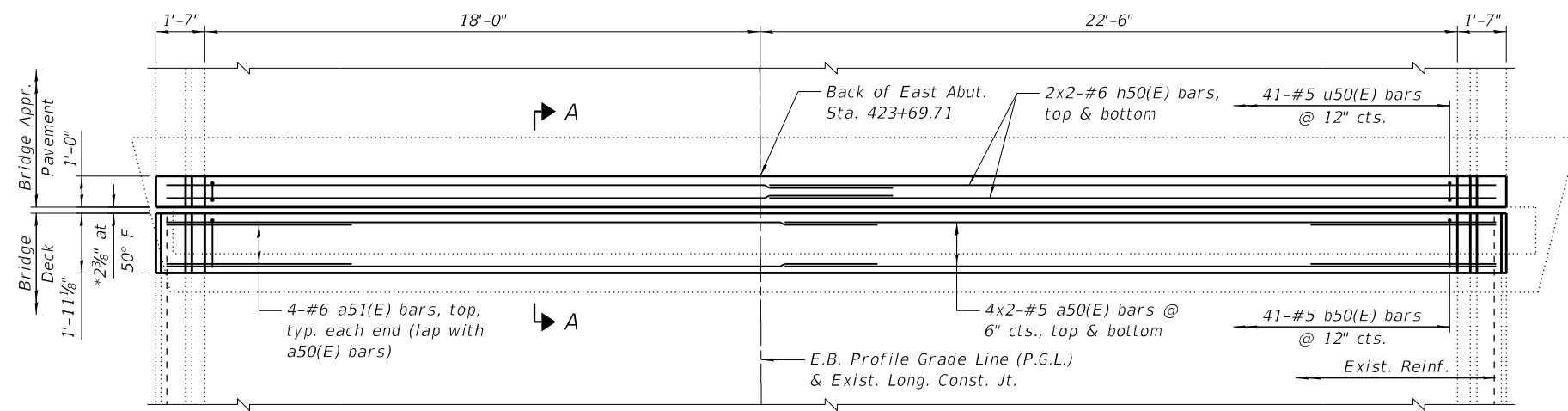


**ELEVATION - INSIDE FACE OF PARAPET**  
 \*\*3-#5 d51(E) bars @ 10" cts., interior parapet  
 3-#5 d52(E) bars @ 10" cts., exterior parapet  
 \*\*\*3-#5 d50(E) bars @ 10" cts., both parapets

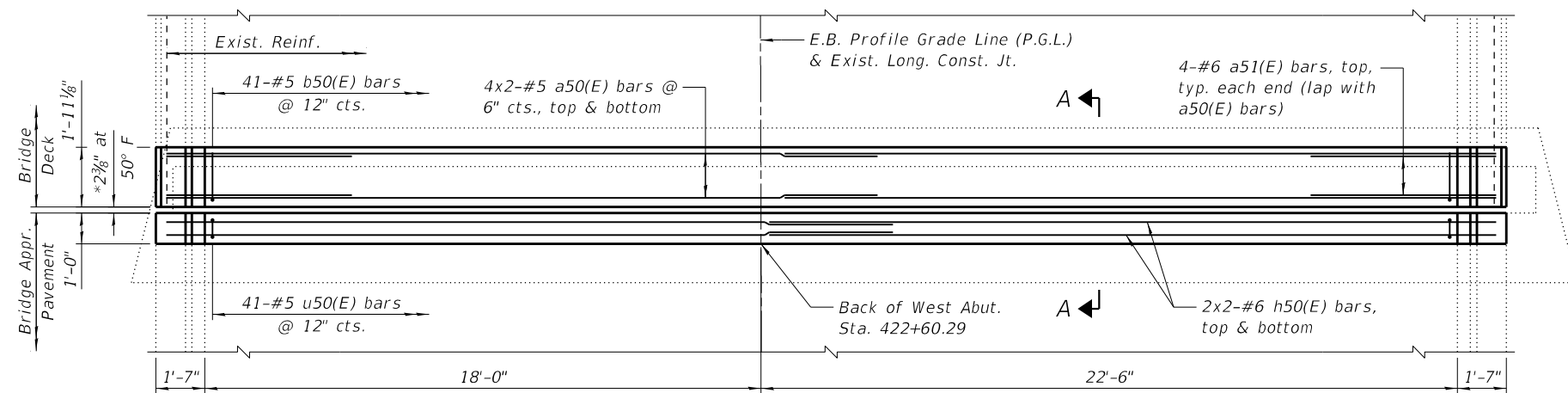
- NOTES:**
- \*Dimension showing concrete opening. For joint opening, see Sheet 9 of 12.
  - Epoxy grout v50(E) & v51(E) bars in 9" deep (min. drilled holes, 1/4" larger in diameter than the bar diameter, according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
  - I.F. denotes Inside Face & O.F. denotes Outside Face.

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
a50(E)	32	#5	23'-6"	—	
a51(E)	16	#6	6'-0"	—	
b50(E)	82	#5	2'-1"	└	
d50(E)	12	#5	5'-7"	⌋	
d53(E)	6	#5	7'-9"	⌋	
d54(E)	6	#5	6'-3"	⌋	
h50(E)	16	#6	23'-6"	—	
u50(E)	82	#5	2'-9"	└	
v50(E)	4	#6	4'-2"	—	
v51(E)	4	#6	4'-1"	—	
Item				Unit	Quantity
Concrete Superstructure				Cu. Yd.	11.2
Reinforcement Bars, Epoxy Coated				Pound	2,120



**PLAN AT EAST ABUTMENT**



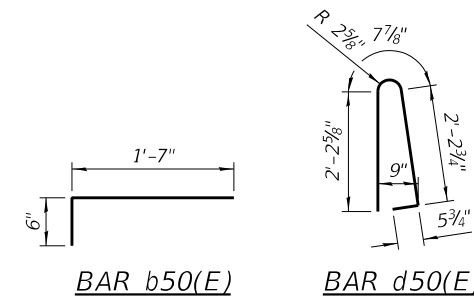
**PLAN AT WEST ABUTMENT**

**MINIMUM BAR LAP**

#5 bar = 3'-6"  
#6 bar = 4'-0"

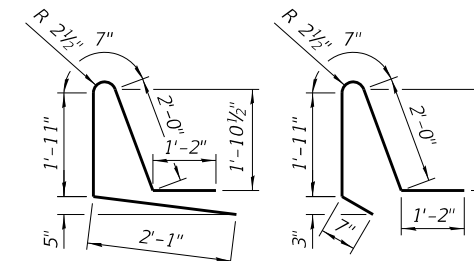
**PARTIAL PLAN SHOWING CONCRETE REPLACEMENT**

Prop. Reinf. in parapet not shown for clarity.



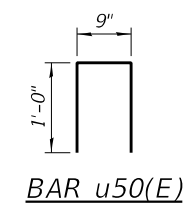
**BAR b50(E)**

**BAR d50(E)**

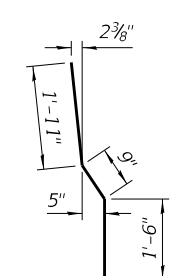


**BAR d53(E)**

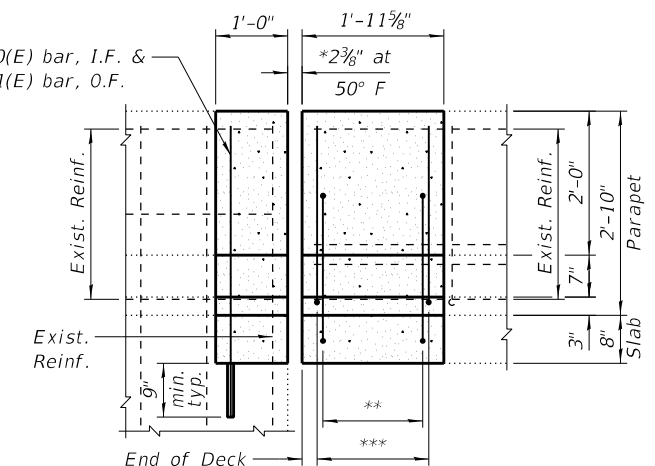
**BAR d54(E)**



**BAR u50(E)**

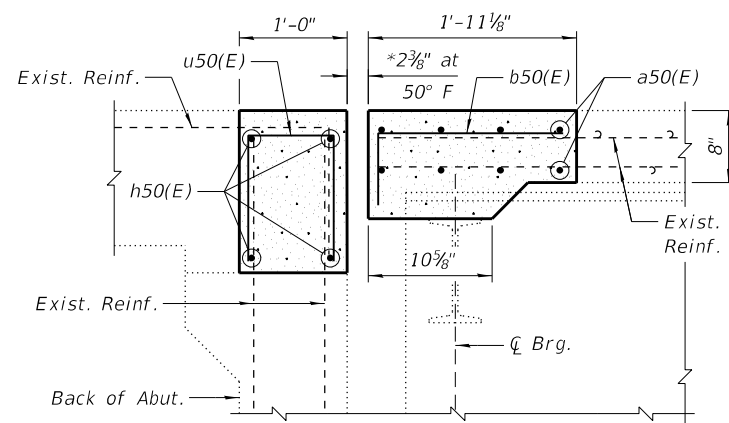


**BAR v50(E)**

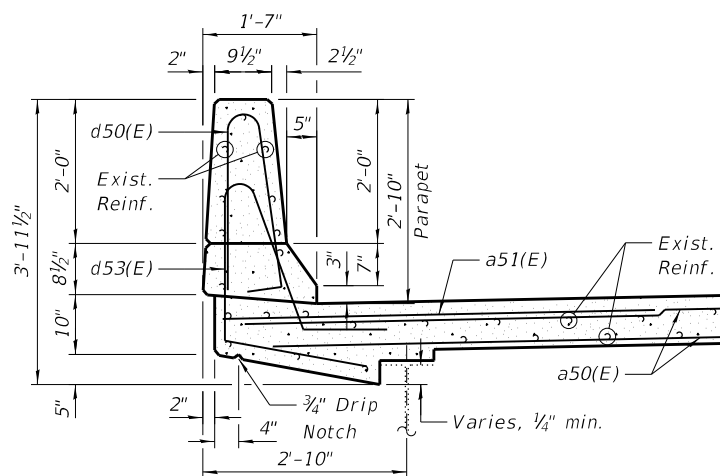


**ELEVATION - INSIDE FACE OF PARAPET**

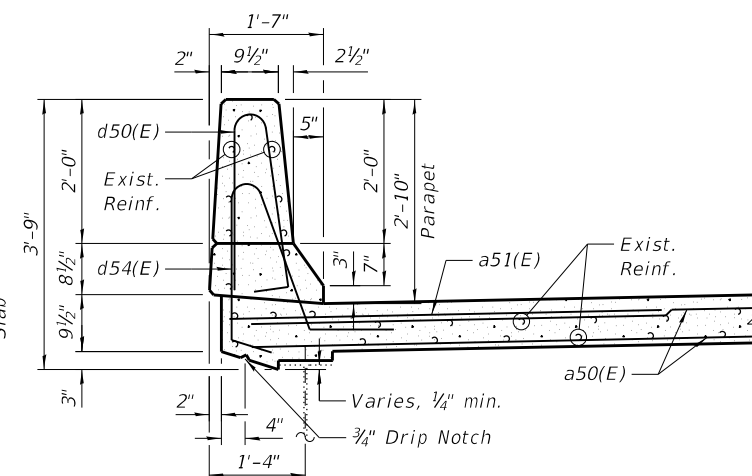
\*\*3-#5 d53(E) bars @ 10" cts., interior parapet  
3-#5 d54(E) bars @ 10" cts., exterior parapet  
\*\*\*3-#5 d50(E) bars @ 10" cts., both parapets



**SECTION A-A**



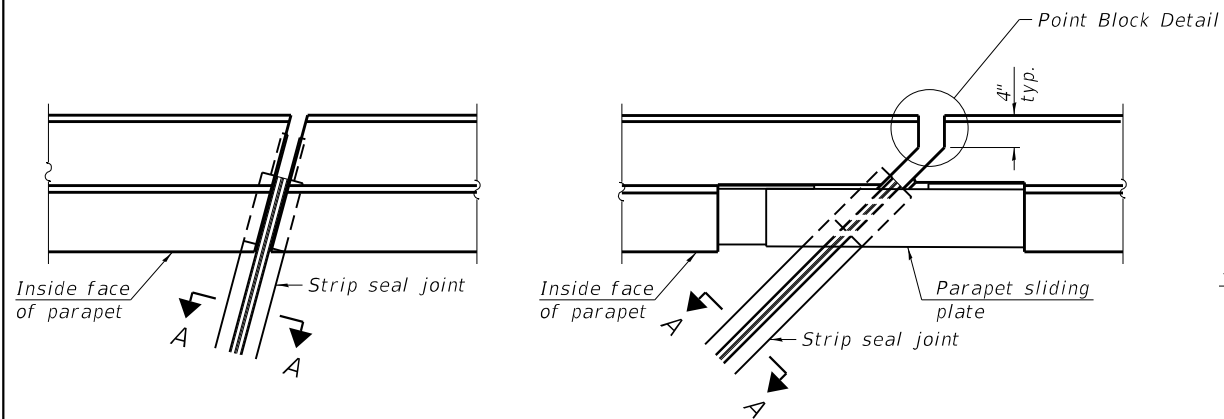
**SECTION THRU INTERIOR PARAPET**



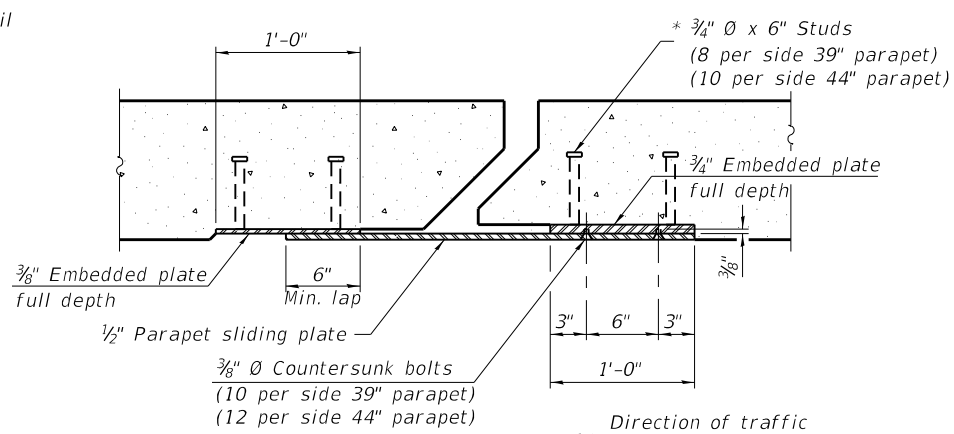
**SECTION THRU EXTERIOR PARAPET**

**NOTES:**

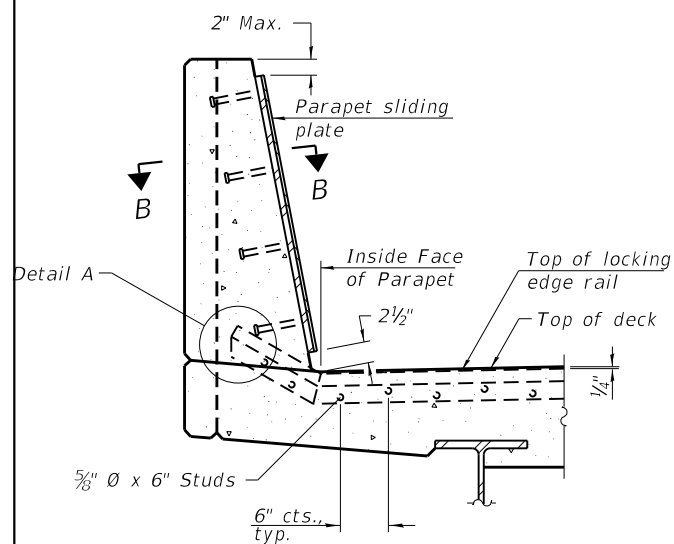
- 1.) \*Dimension showing concrete opening. For joint opening, see Sheet 9 of 12.
- 2.) Epoxy grout v50(E) & v51(E) bars in 9" deep (min. drilled holes, 1/4" larger in diameter than the bar diameter, according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
- 3.) I.F. denotes Inside Face & O.F. denotes Outside Face.



PLAN AT PARAPET

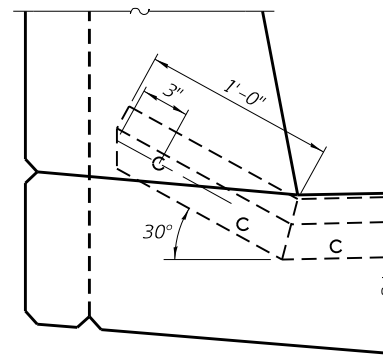


SECTION B-B

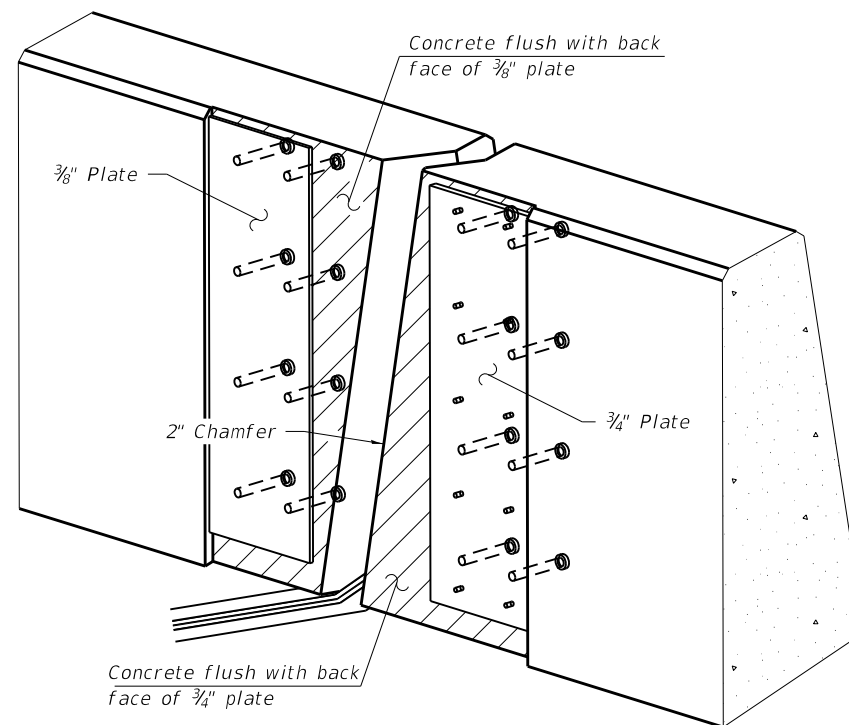


SECTION AT PARAPET

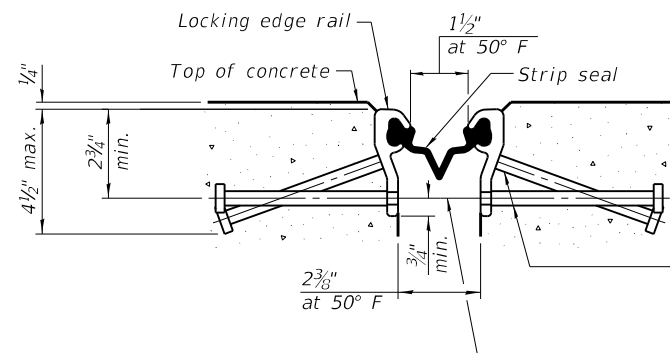
(Skews  $> 30^\circ$  shown. Skews  $\leq 30^\circ$  similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW  
(Showing embedded plates only)



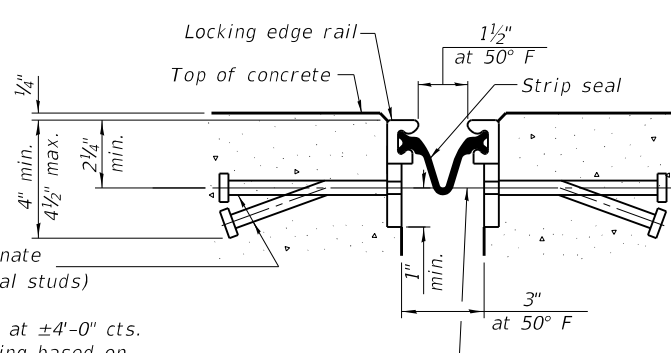
SHOWING ROLLED RAIL JOINT

\*  $\frac{5}{8}$ "  $\emptyset$  x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

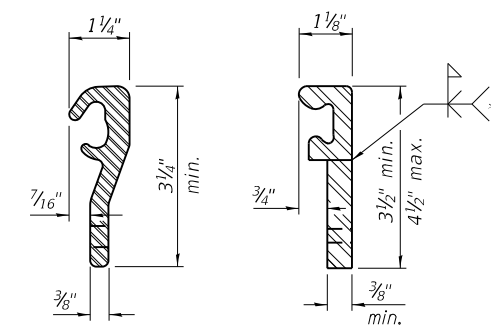
$\frac{3}{8}$ "  $\emptyset$  threaded rods in  $\frac{1}{16}$ "  $\emptyset$  holes at  $\pm 4$ -0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

\* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

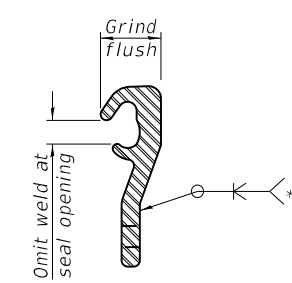


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

\*\* Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	170.0

EJ-SS 1-1-2020

**Farnsworth GROUP**  
2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@fsw.com

DESIGNED - VPT	REVISED
CHECKED - JML	REVISED
DRAWN - DJM	REVISED
CHECKED - JML	REVISED
DATE - 01/13/2023	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

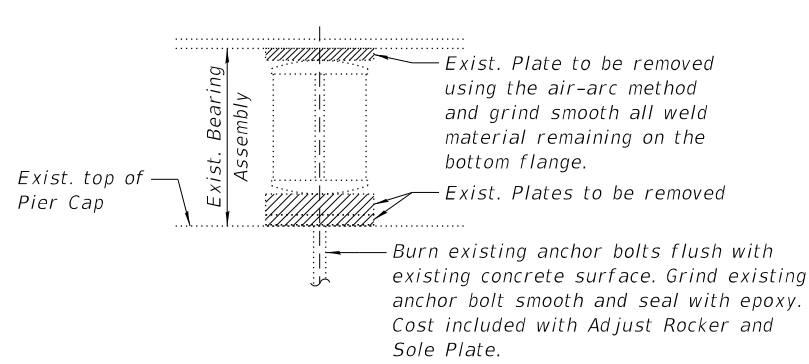
PREFORMED JOINT STRIP SEAL  
STRUCTURE NO. 006-0009 (E.B.) & 006-0010 (W.B.)

SHEET NO. 9 OF 12 SHEETS

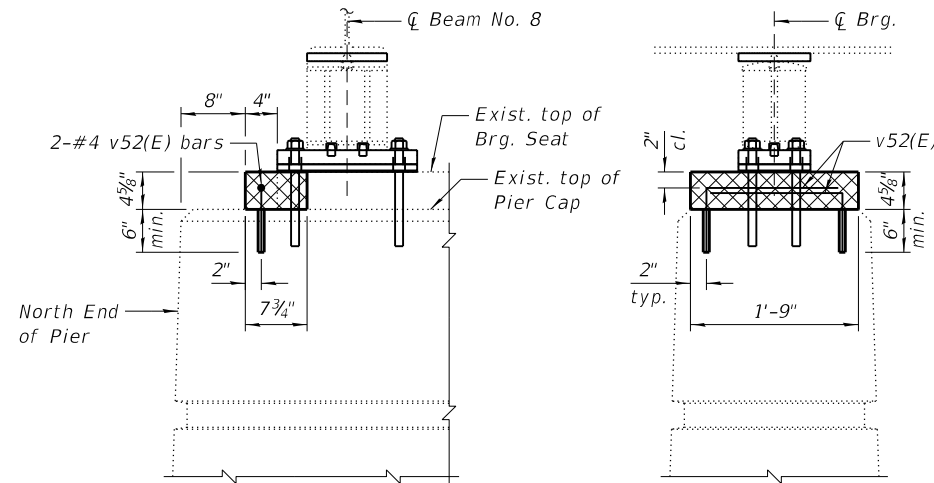
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)E5	BUREAU	208	172
			CONTRACT NO. 66J65	
ILLINOIS				

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
v52(E)	2	#4	2'-1"	
Item		Unit	Quantity	
Anchor Bolts, 3/4"		Each	56	
Reinforcement Bars, Epoxy Coated		Pound	10	
Adjust Rocker and Sole Plate		Each	14	
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)		Sq. Ft.	1.2	



**EXISTING BEARING PLATE REMOVAL DETAIL**



**PARTIAL ELEVATION**  
(Looking East)

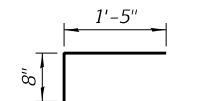
**END VIEW**

**PIER REPAIR DETAIL**  
(Pier No. 1 Eastbound Structure)

**NOTE:**

Epoxy grout v52(E) bars in 6" deep (min.) drilled holes, 1/4" larger in diameter than the bar diameter, according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.

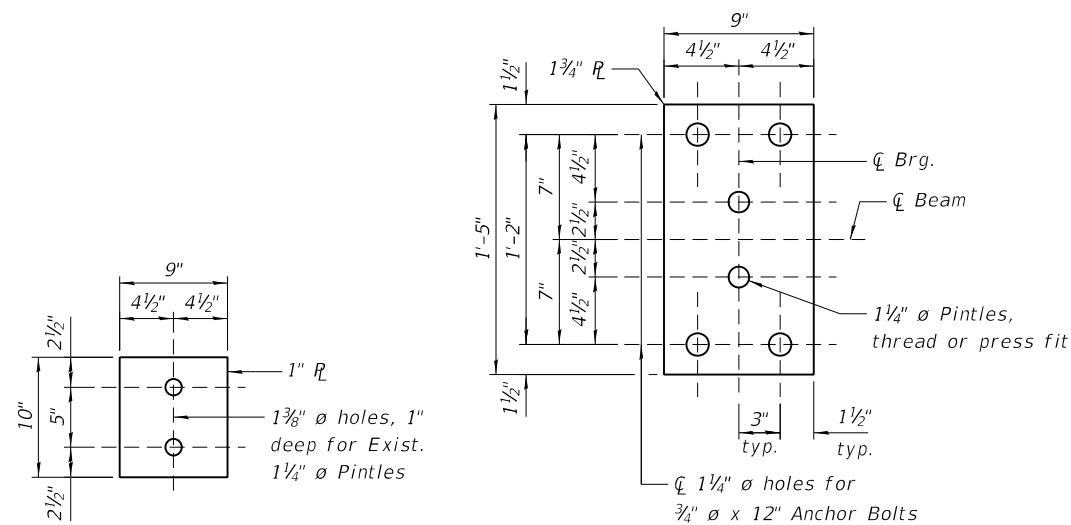
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)



**BAR v52(E)**

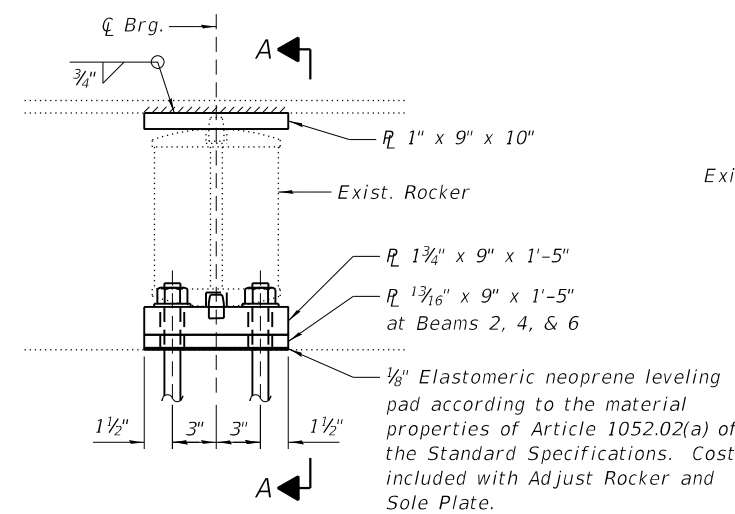
**LEGEND**

Structural Repair of Concrete (Depth Equal to or Less than 5 inches)

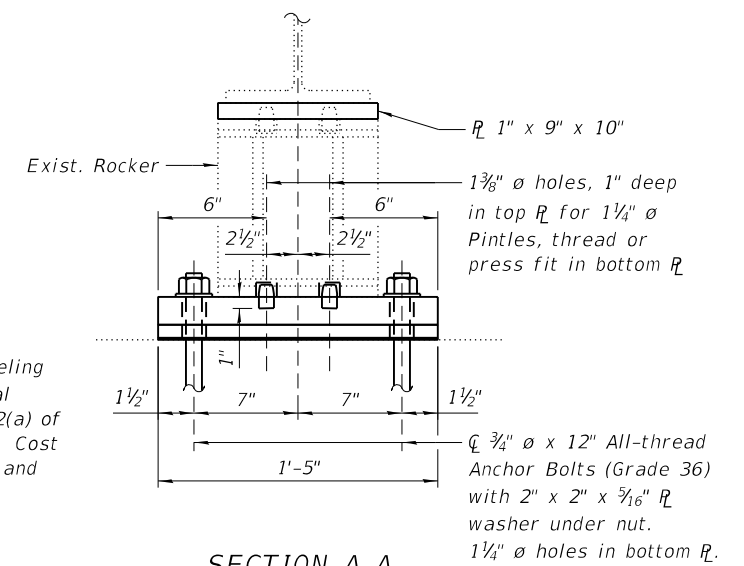


**REPLACEMENT SOLE PLATE**  
(Dimensions based on Existing Plans)

**REPLACEMENT BOTTOM PLATE**



**ELEVATION AT PIER**



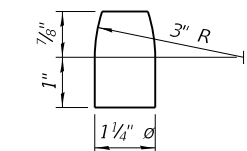
**SECTION A-A**

**BEARING PLATE REPLACEMENT DETAILS**  
(Pier No. 1 Eastbound & Westbound Structures)

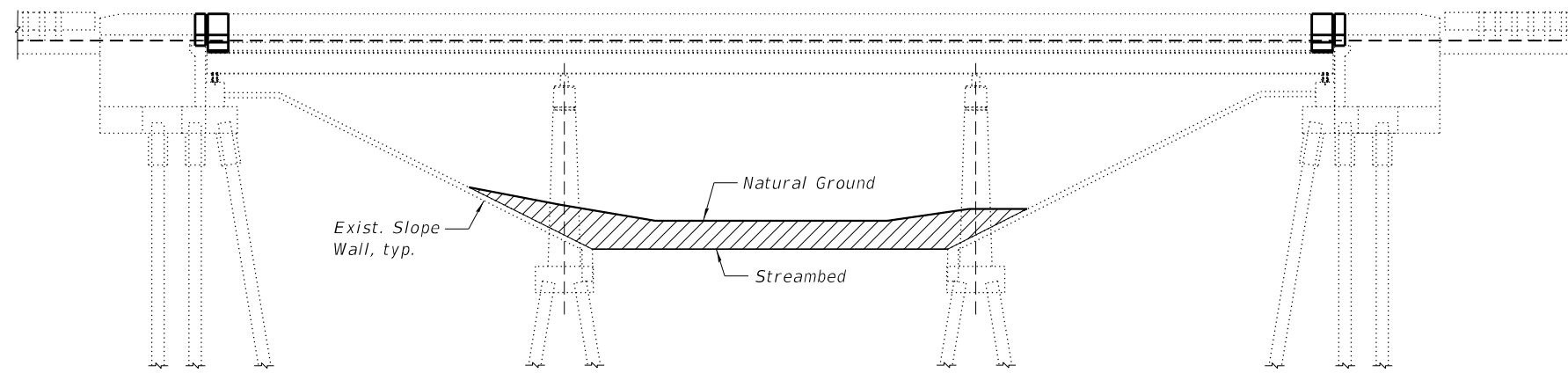
**NOTES:**

- The existing rocker bearings at W.B. Pier No. 1 and E.B. Pier No. 1 shall be adjusted according to the Special Provision Adjust Rocker and Sole Plate. A continuous, 3/4" fillet weld shall be used to field weld the new sole plate to the existing beam.
- Removal and replacement of the bottom plate, shim plate, elastomeric neoprene leveling pad, and pintle cost included with Adjust Rocker and Sole Plate.

BEAM REACTION TABLE	
R <sub>2</sub>	47.4 k
R <sub>4</sub>	39.6 k
Impact	11.9 k
Total	98.9 k

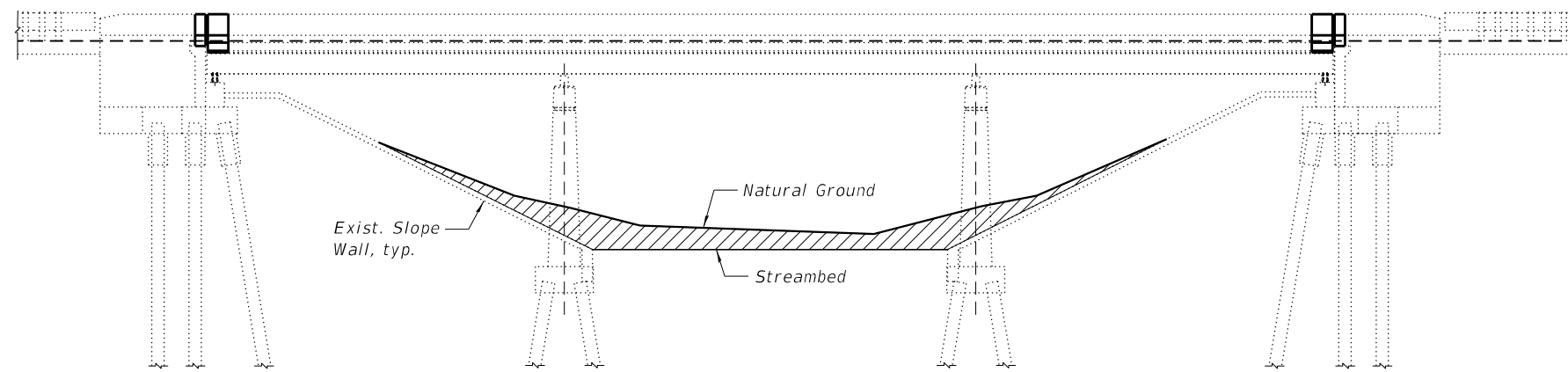


**PINTLE**



**ELEVATION S.N. 0006-0010**  
 (Looking North - South Face)  
 (Westbound Structure)

Approximate Channel Excavation = 131.2 sq. ft.



**ELEVATION S.N. 0006-0009**  
 (Looking North - South Face)  
 (Eastbound Structure)

Approximate Channel Excavation = 120.1 sq. ft.

**BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Channel Excavation	Cu. Yd.	1,177

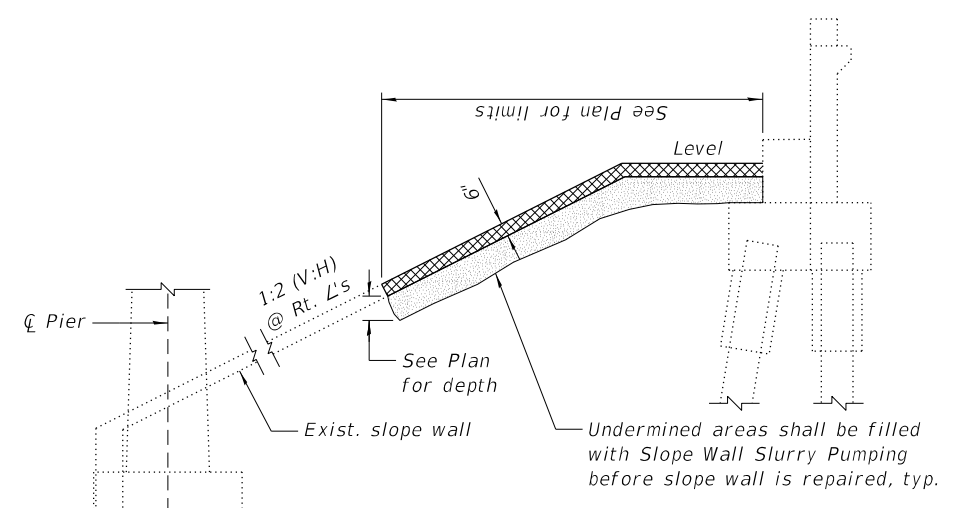
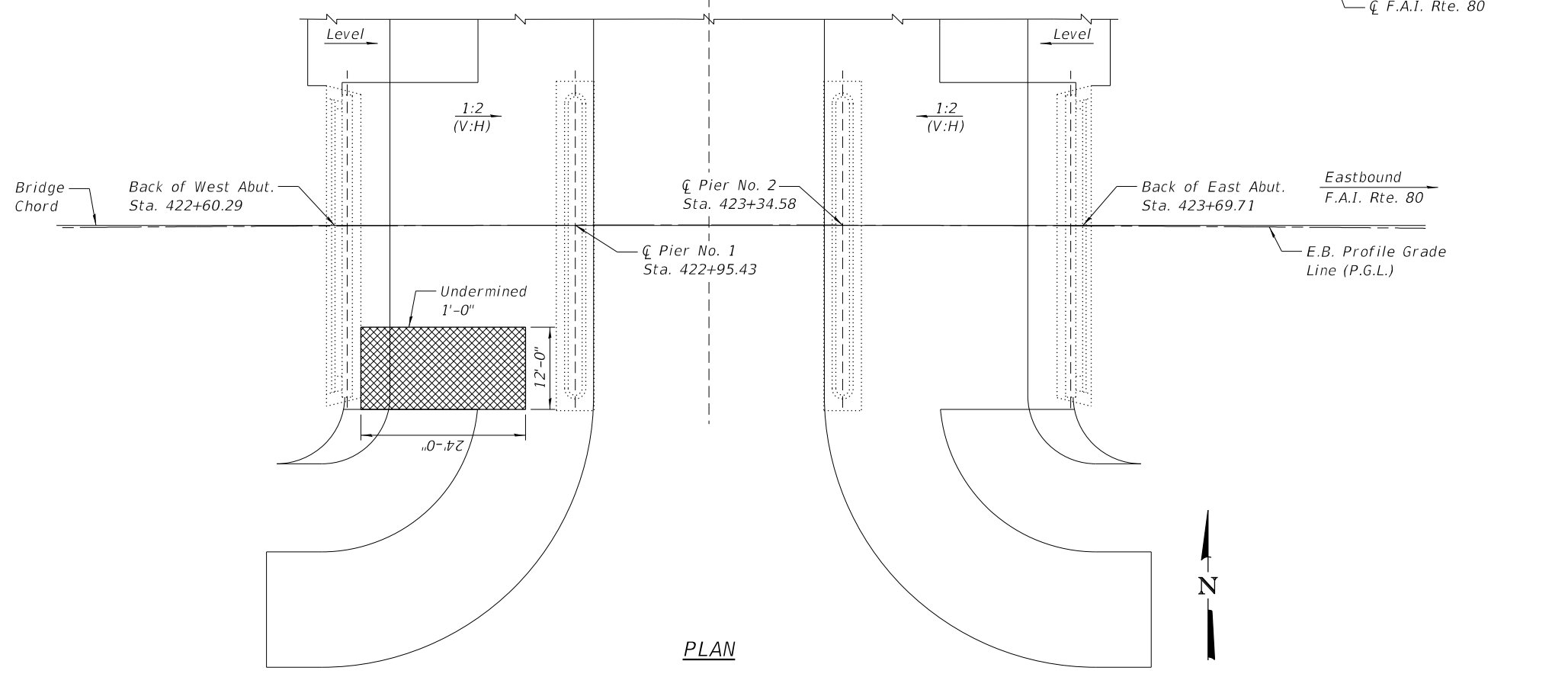
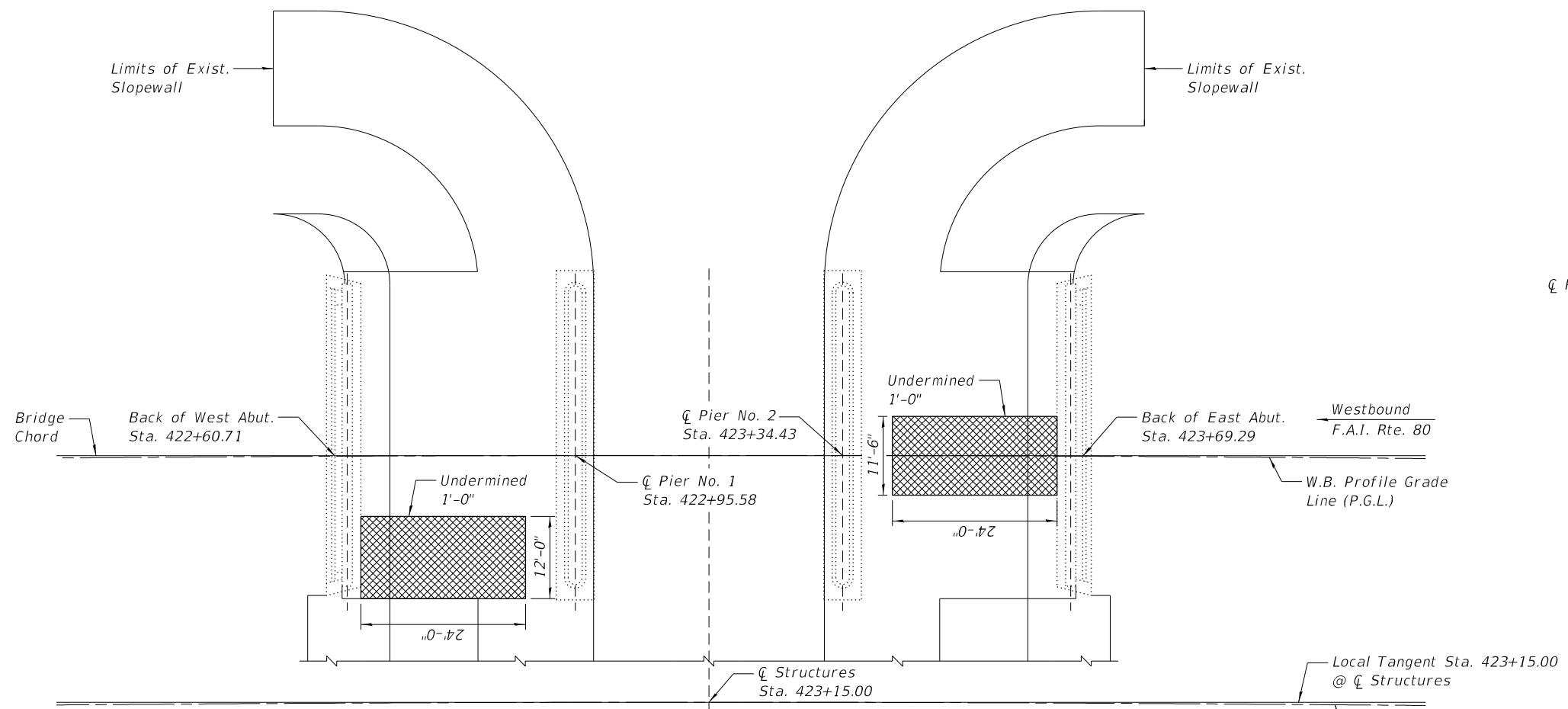
(Combined Channel Excavation for both structures)

**LEGEND**



**NOTES:**

- 1.) The average of the two areas noted on the plans were utilized to calculate the Channel Excavation volume within the limit of the Right-of-Way. The total Channel Excavation volume has been increased by 10% to account for variability of the natural ground line.
- 2.) Channel cross sections were field measured in June 2022.



TYPICAL SECTION

LEGEND



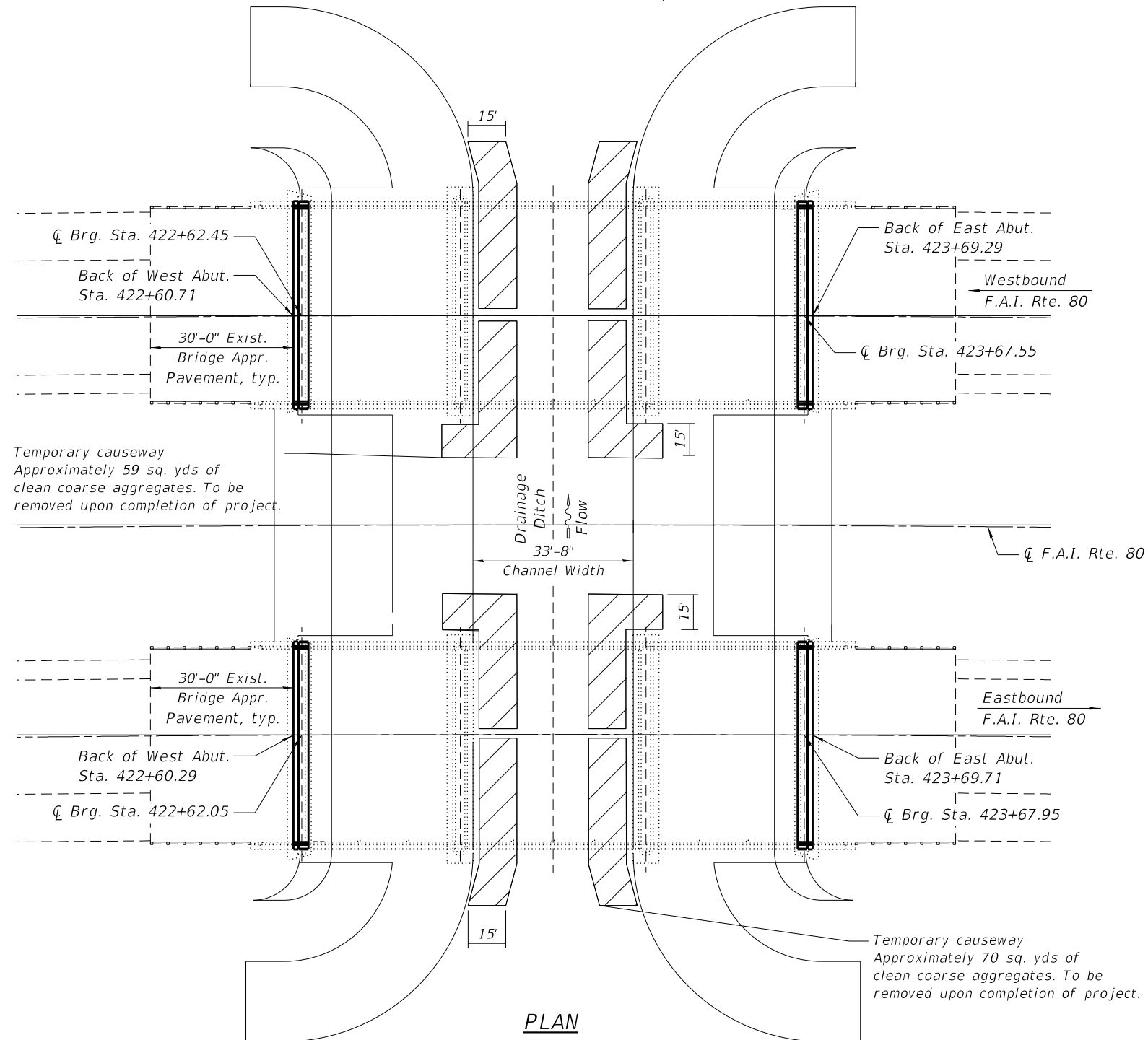
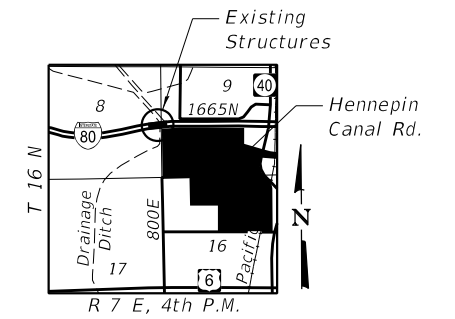
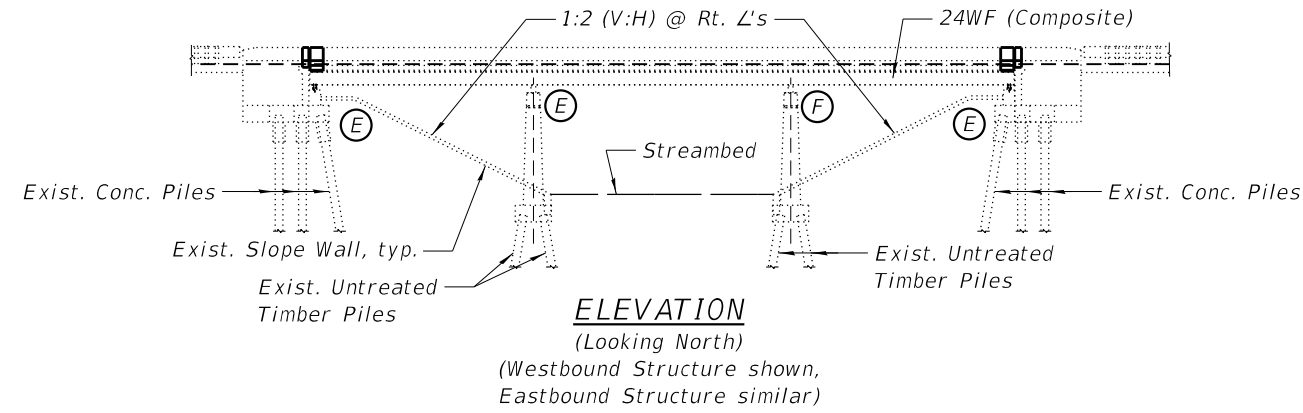
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Slope Wall Repair	Sq. Yd.	95
Slope Wall Slurry Pumping	Cu. Yd.	31.6

NOTES:

- Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
- The repair areas shown are estimated based on field inspections conducted in June 2022. The actual repair areas required shall be verified according to the special provisions.

# EXHIBIT



Not to Scale

**I-80 OVER DRAINAGE DITCH**  
**F.A.I. RTE. 80 - SEC. (06-1, 06-2)ES**  
**BUREAU COUNTY**  
**STATION 423+15.00**  
**STRUCTURE NO. 006-0009 (E.B.)**  
**STRUCTURE NO. 006-0010 (W.B.)**

			REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WORKPAD /CAUSEWAY PLAN SN 006-0009 &amp; SN 006-0010</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED			80	(06-1, 06-2)ES	BUREAU	208	176	
			REVISED			CONTRACT NO. 66165					
			REVISED			ILLINOIS					



Existing Structure:  
The bridge is a seven-span continuous, rolled beam bridge with a 6¾-inch reinforced concrete deck. The original structure was built in 1962. The steel beams were repainted in 2018.

C.H. Rt. 10 traffic will be detoured during construction.

No salvage

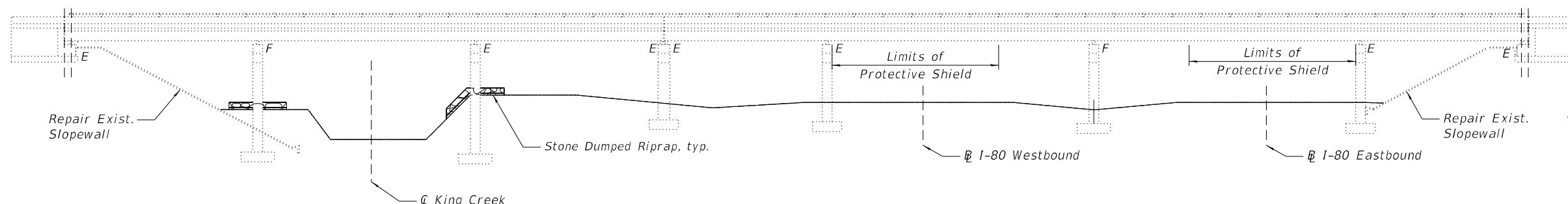
**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

**DESIGN STRESSES**

(New Construction)  
FIELD UNITS

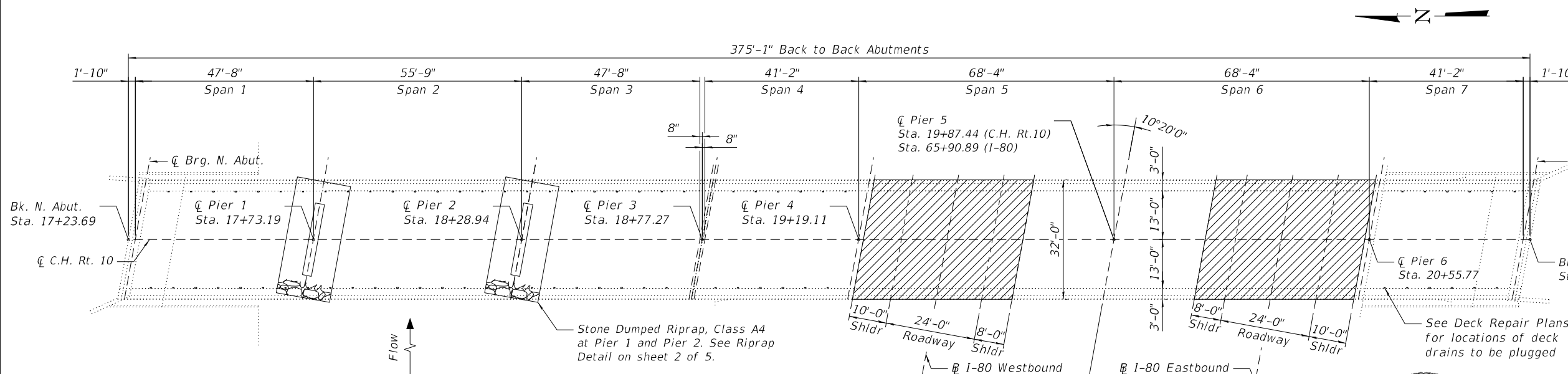
f'c = 4,000 psi (Deck Repair)  
f'c = 3,500 psi (Slope Wall Repair)  
fy = 60,000 psi (Reinforcement)



**ELEVATION**

**SCOPE OF WORK**

1. Repair deck.
2. Repair slopewalls.
3. Remediate scour with riprap around Pier 1 and Pier 2.
4. Install permanent Protective Shield over I-80 traffic lanes.
5. Plug deck drains within 12' of substructure element.

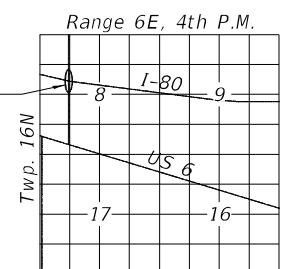


**PLAN**

The provided C.H. Rt. 10 and I-80 stationing is taken from existing plans. See General Note 2 on sheet 2 of 8.

**LEGEND**

- Location of protective shield
- Riprap



**LOCATION SKETCH**

STATE OF ILLINOIS  
Ralph J. Otrębowski  
4812  
Professional Engineer  
Signed: 1/11/2023  
Expires: 11/30/2024

**GENERAL PLAN AND ELEVATION**  
**C.H. RT. 10 OVER I-80 AND KING CREEK**  
**BUREAU COUNTY**  
**STRUCTURE NO. 006-0115**  
**STA. 65+90.89**

MODEL: GPE  
FILE NAME: sht-006-0115-01-GPE\_King\_Creek.dgn



USER NAME =	DESIGNED - RJO	REVISED -
CHECKED - JJM	REVISED -	
PLOT SCALE =	DRAWN - JJM	REVISED -
PLOT DATE =	CHECKED - RJO	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**  
**STRUCTURE NO. 006-0115**

SHEET 1 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	177
CONTRACT NO. 66J65				

ILLINOIS FED. AID PROJECT

**GENERAL NOTES**

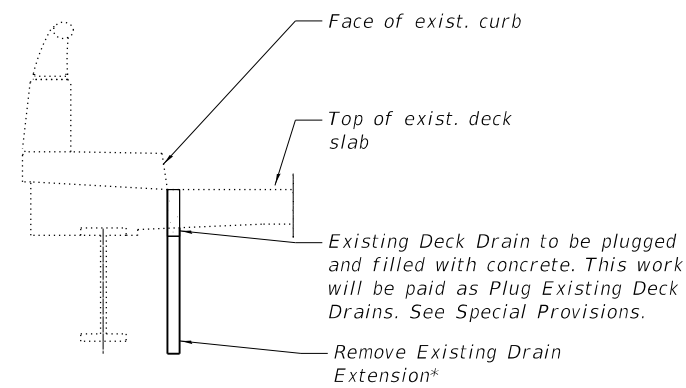
1. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.  
As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer.  
Any cracks that cannot be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
4. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
5. Protective Coat shall be applied to the new top surface of the deck only per Section 503.19 of the Standard Specifications.

**INDEX OF SHEETS**

1. General Plan and Elevation
2. General Data
- 3-4. Deck Repair Plans
- 5-6. As-Built Deck Repair Plans
7. Slope Wall Repair Plans
8. Protective Shield Details

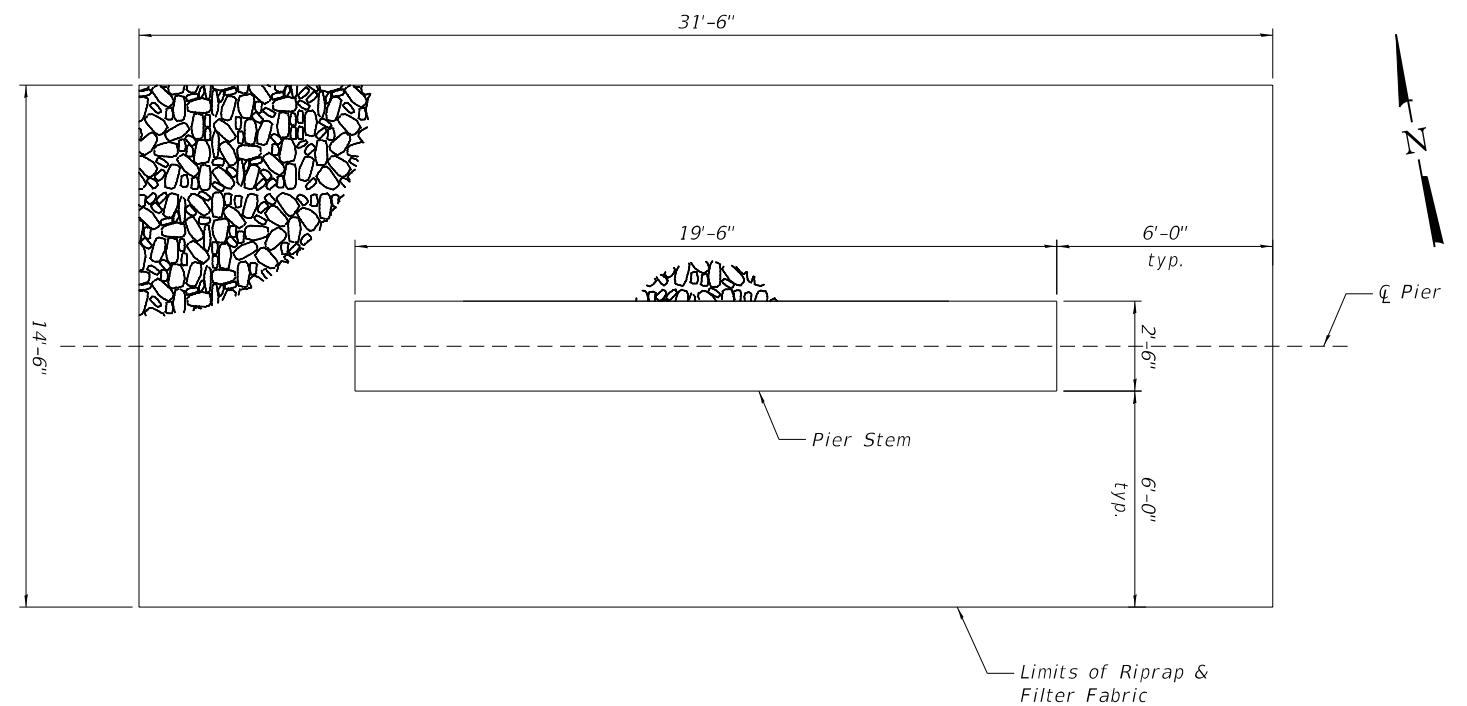
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Dumped Riprap, Class A4	Sq. Yd.	-	91	91
Filter Fabric	Sq. Yd.	-	91	91
Protective Coat	Sq. Yd.	186	-	186
Plug Existing Deck Drains	Each	44	-	44
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2	-	2
Deck Slab Repair (Partial)	Sq. Yd.	184	-	184
Slope Wall Repair	Sq. Yd.	-	56	56
Slope Wall Slurry Pumping	Cu. Yd.	-	27	27
Slope Wall Crack Sealing	Foot	-	200	200
Protective Shield (Permanent)	Sq. Yd.	304	-	304



**DECK DRAIN PLUG DETAIL**

\*Cost included in Plug Existing Deck Drains.



**RIPRAP DETAIL**

MODEL: 006-0115-02-GenNotes\_King\_Creek  
FILE NAME: p:\w\idol-pw\benley.com\FWIDOT\Documents\DOT\_Offices\District\_3\Projects\ID366165\CADData\CADsheets\ID366165-SN\_006-0115.dgn

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CHECKED - JJM	REVISED -	
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PLOT DATE =	CHECKED - RJO	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

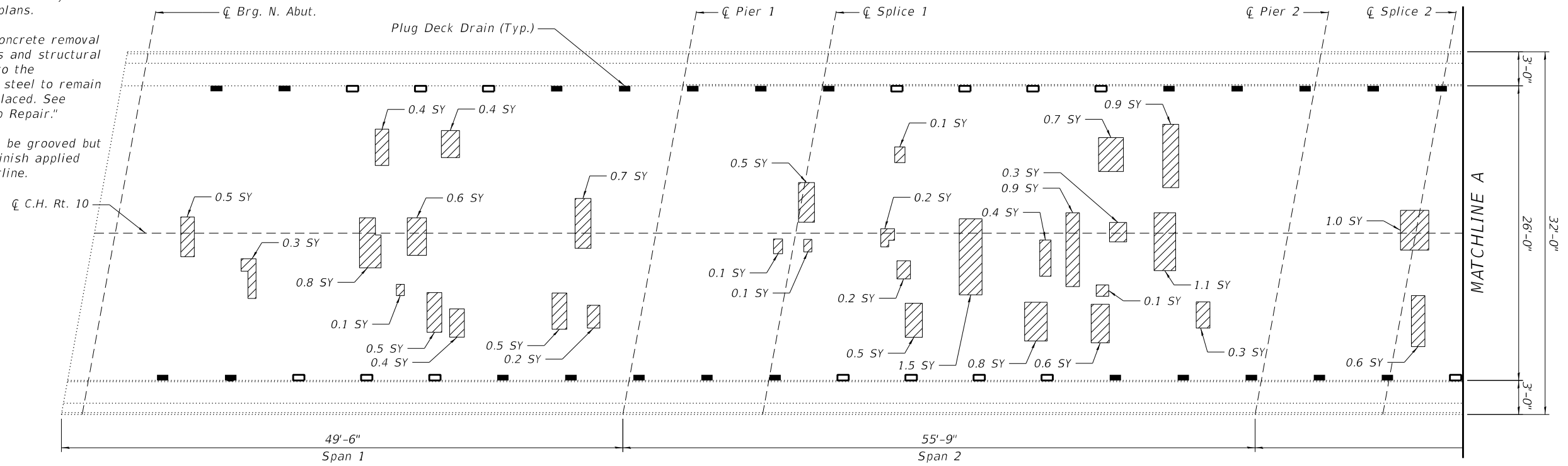
**GENERAL DATA  
STRUCTURE NO. 006-0115**

SHEET 2 OF 8 SHEETS

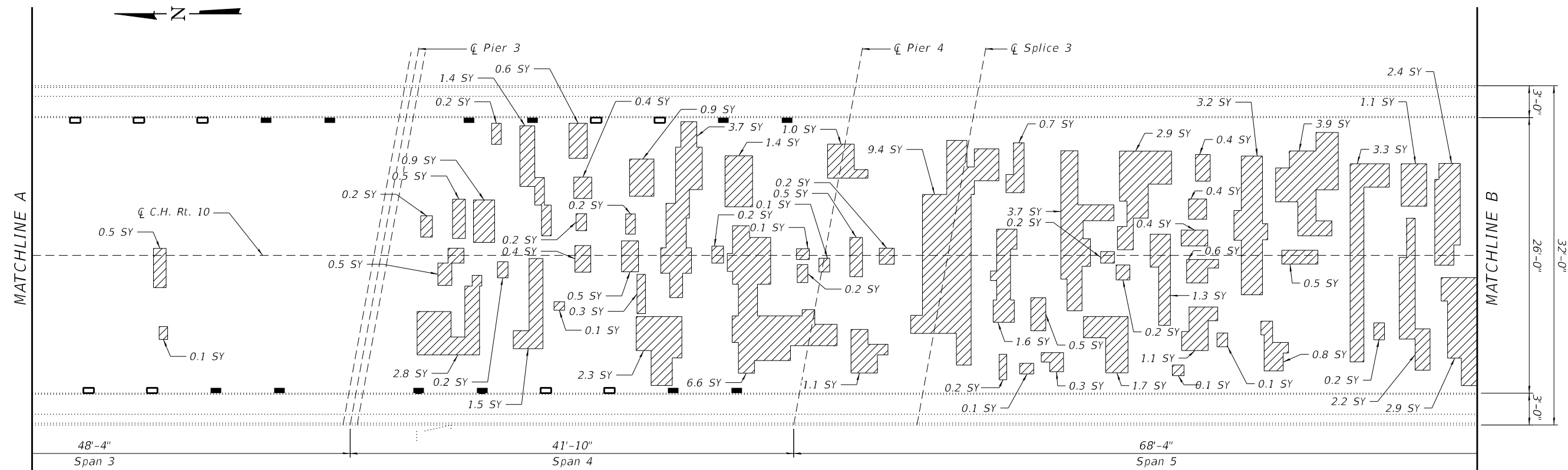
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	178
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

**NOTES:**

- Deck slab repair areas are estimated based on an inspection conducted in August 2022. Actual repair areas and locations shall be determined by the Engineer and shown on As-Built plans.
- Care shall be exercised during concrete removal to protect the reinforcement bars and structural steel from damage. Any damage to the reinforcement bars or structural steel to remain in place shall be repaired or replaced. See Special Provisions for "Deck Slab Repair."
- Deck Slab Repair areas shall not be grooved but shall be textured with a broom finish applied transversely to the bridge centerline.



PLAN



PLAN

**LEGEND**

- Deck Slab Repair (Partial Depth)
- Deck Slab Repair (Full Depth)
- Deck Drain Plug

MODEL: 006-0115-03-DeckRepairPlan\_King\_Creek  
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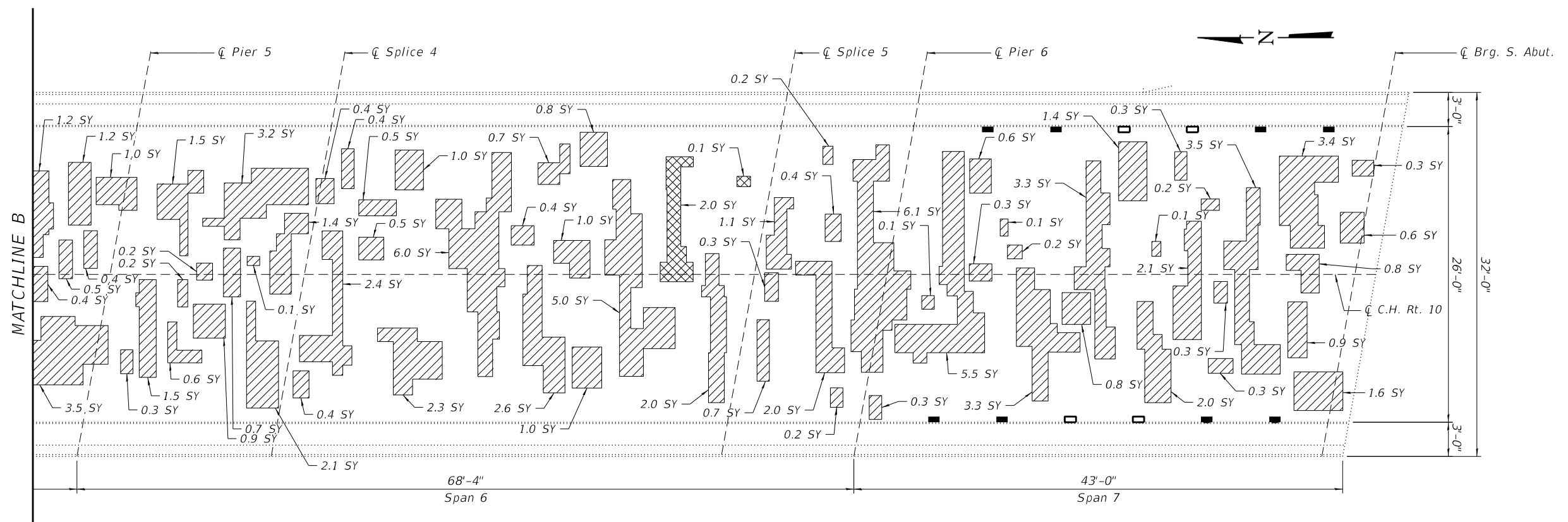
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PLOT DATE =	CHECKED - RJO	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DECK REPAIR PLANS (1 OF 2)  
STRUCTURE NO. 006-0115**

SHEET 3 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	179
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



PLAN

**LEGEND**

- Deck Slab Repair (Partial Depth)
- Deck Slab Repair (Full Depth)
- Deck Drain Plug

**BILL OF MATERIAL**

Item	Unit	Quantity
Protective Coat	Sq. Yd.	186
Plug Existing Deck Drain	Each	44
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2
Deck Slab Repair (Partial)	Sq. Yd.	184

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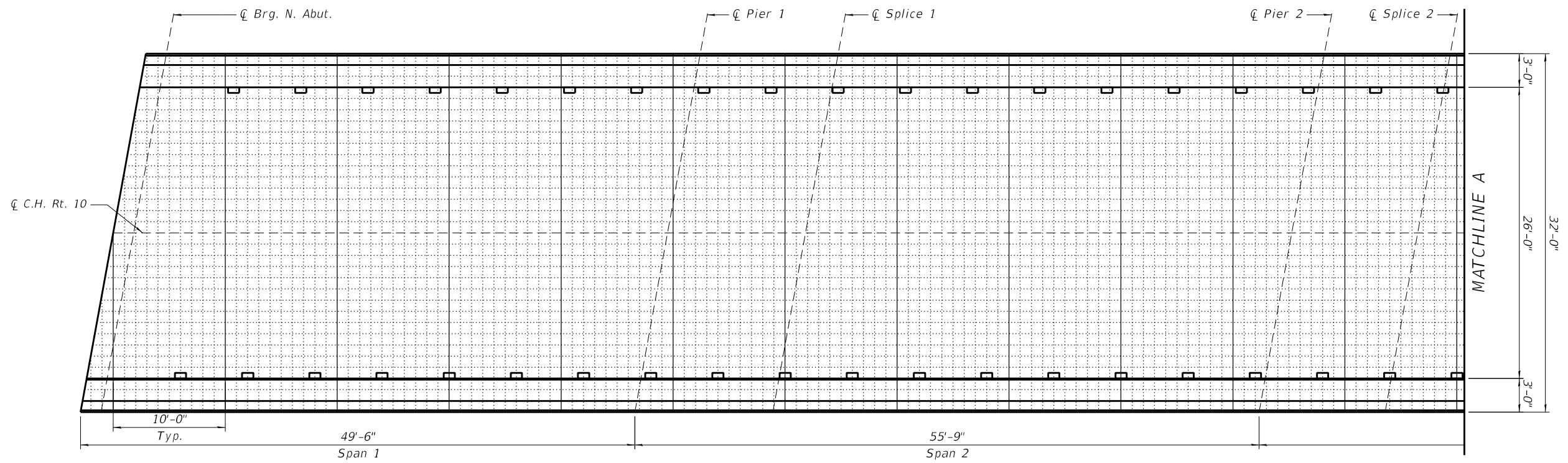
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

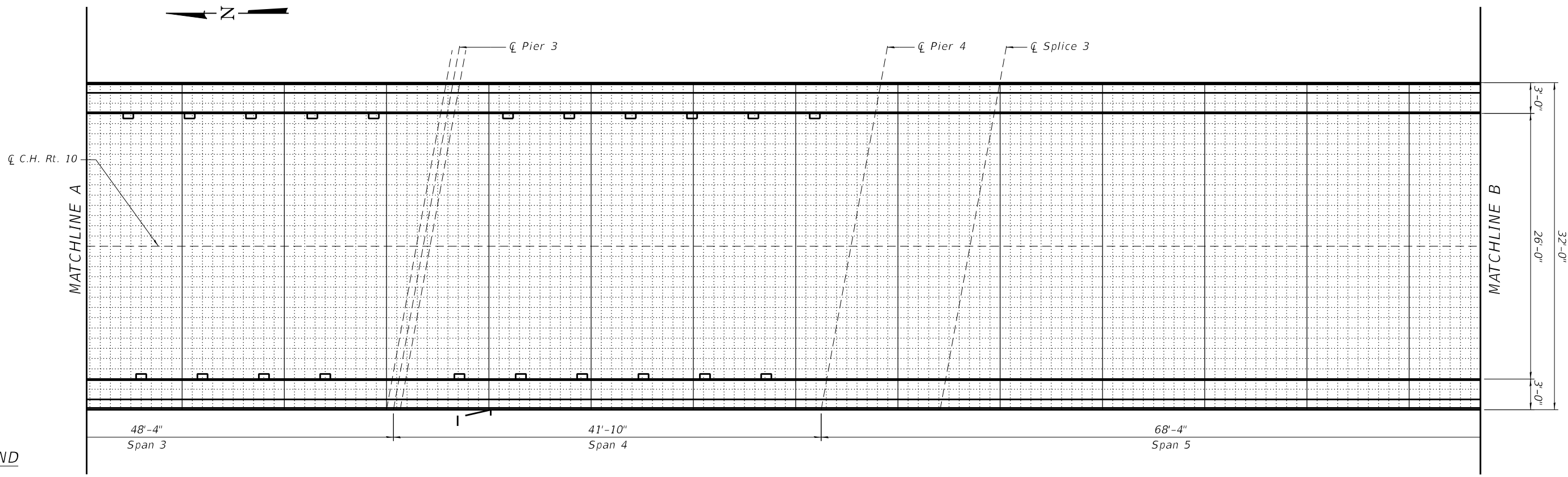
**DECK REPAIR PLANS (2 OF 2)**  
**STRUCTURE NO. 006-0115**

SHEET 4 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	180
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66J65	




PLAN



PLAN

**LEGEND**

 1ft x 1ft Grid  
Perpendicular to Structure

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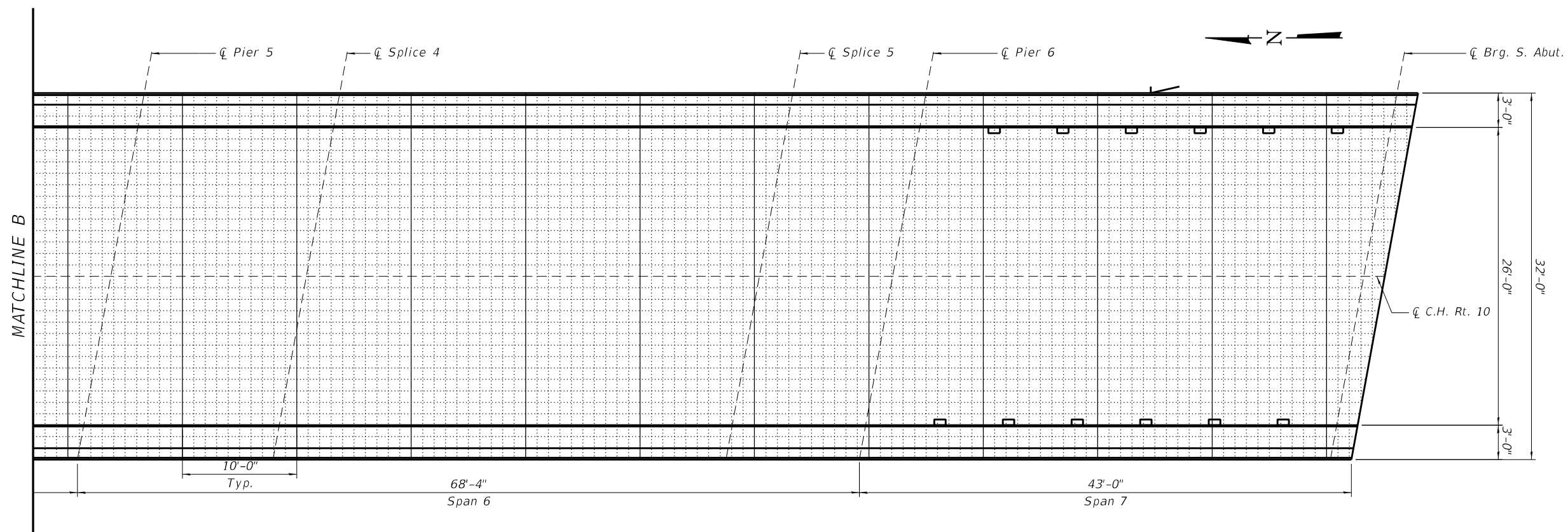
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**AS-BUILT DECK REPAIR PLANS (1 OF 2)  
STRUCTURE NO. 006-0115**


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	181
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

SHEET 5 OF 8 SHEETS



PLAN

LEGEND

 1ft x 1ft Grid  
Perpendicular to Structure

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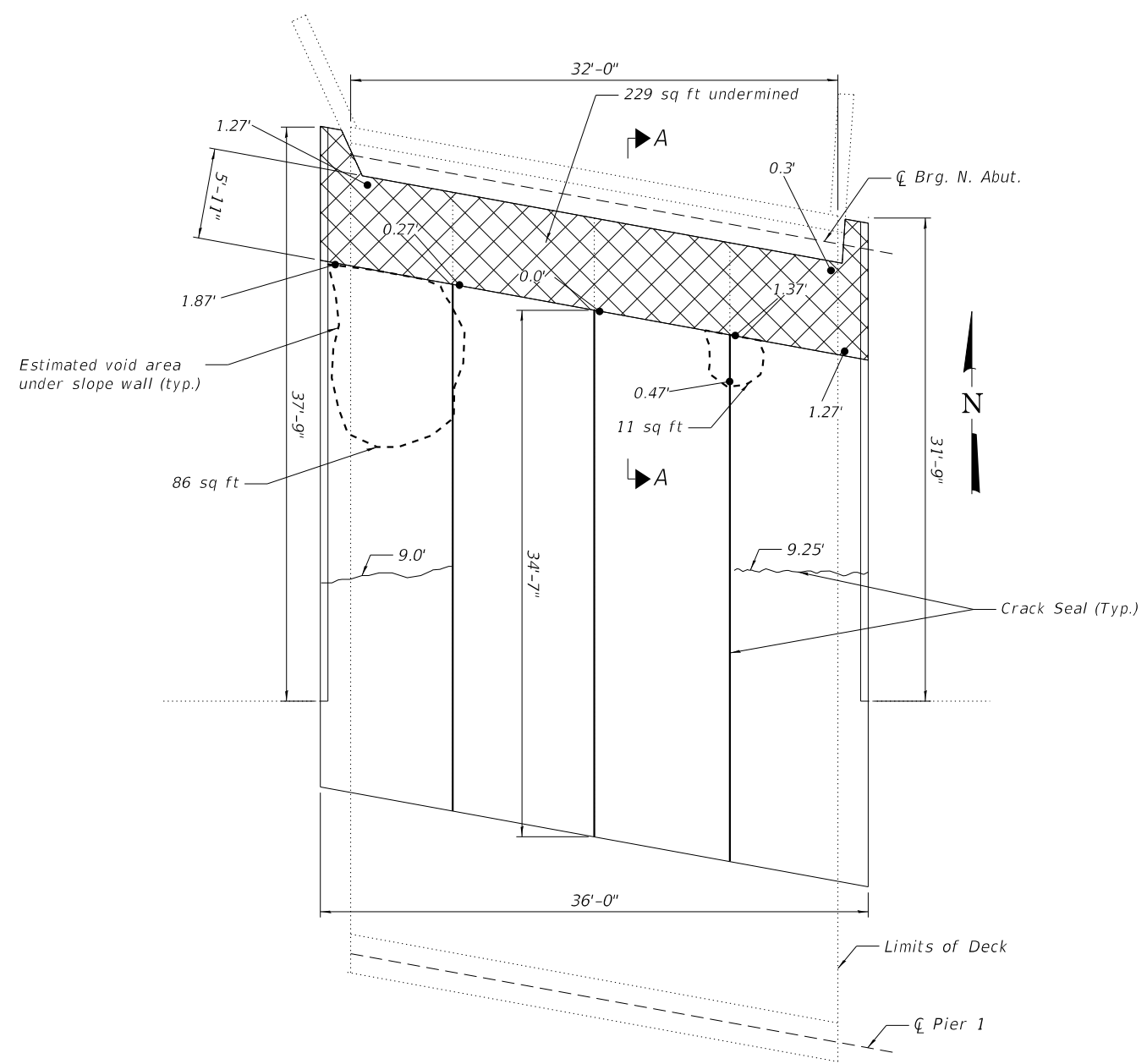
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

AS-BUILT DECK REPAIR PLANS (2 OF 2)  
STRUCTURE NO. 006-0115

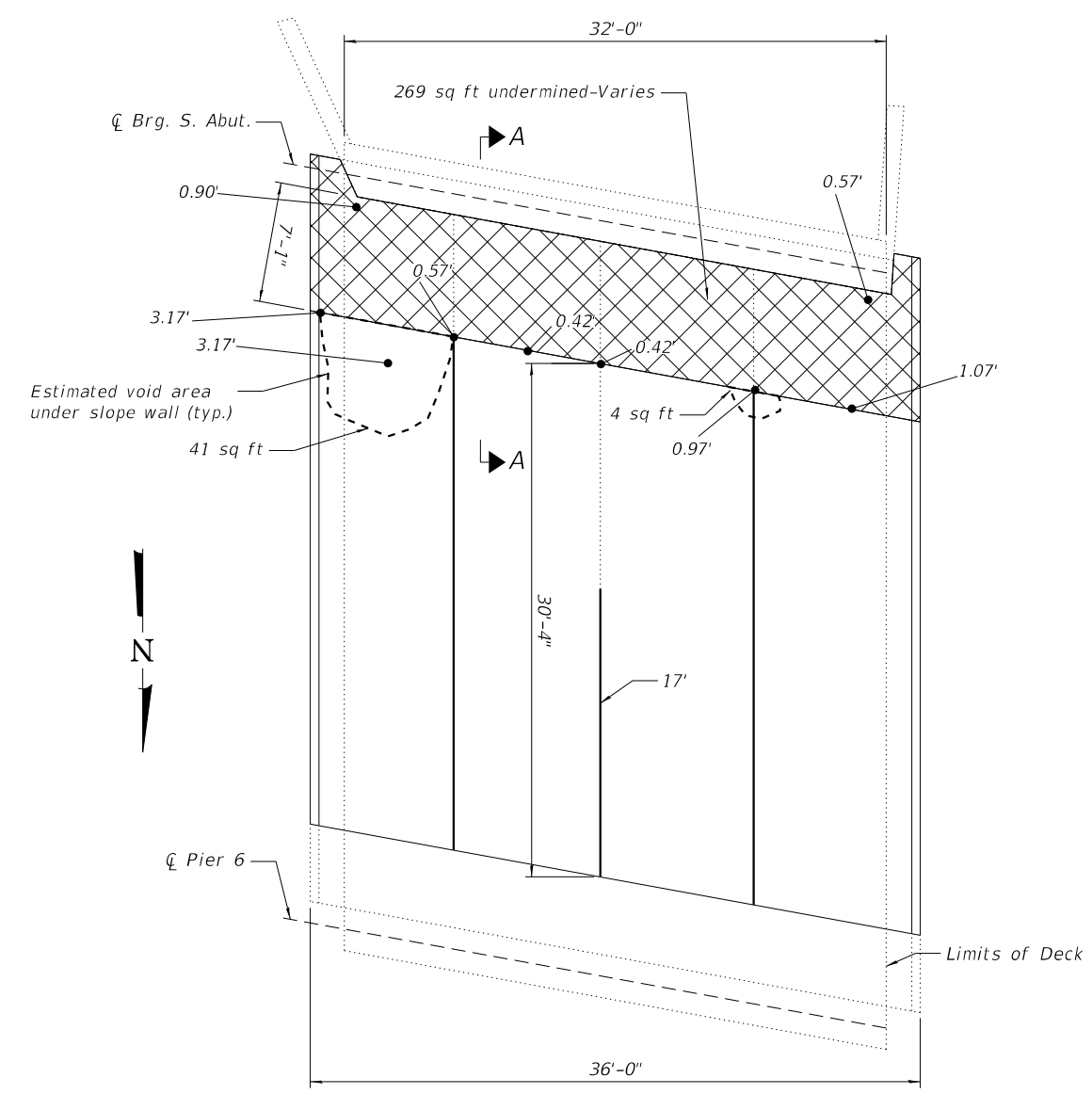
SHEET 6 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	

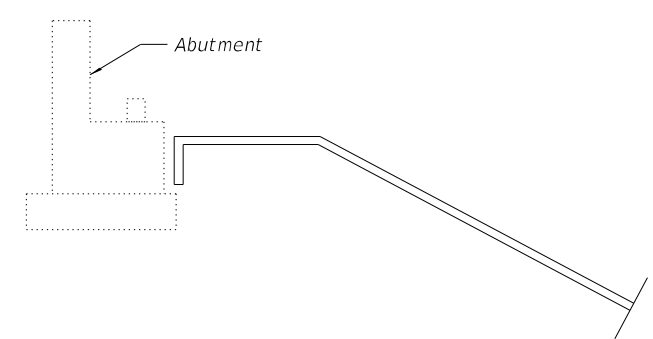
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NORTH SLOPE WALL PLAN



SOUTH SLOPE WALL PLAN



SECTION A-A

LEGEND

- 32' Slope Wall Crack Sealing at Joint
- 6' Slope Wall Crack Sealing
- Slope Wall Repair
- Measured undercut + settlement

BILL OF MATERIAL

Item	Unit	Quantity
Slope Wall Repair	Sq. Yd.	56
Slope Wall Slurry Pumping	Cu. Yd.	27
Slope Wall Crack Sealing	Foot	200

USER NAME =	DESIGNED - RJO	REVISED -
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PLOT SCALE =	DRAWN - JJM	REVISED -
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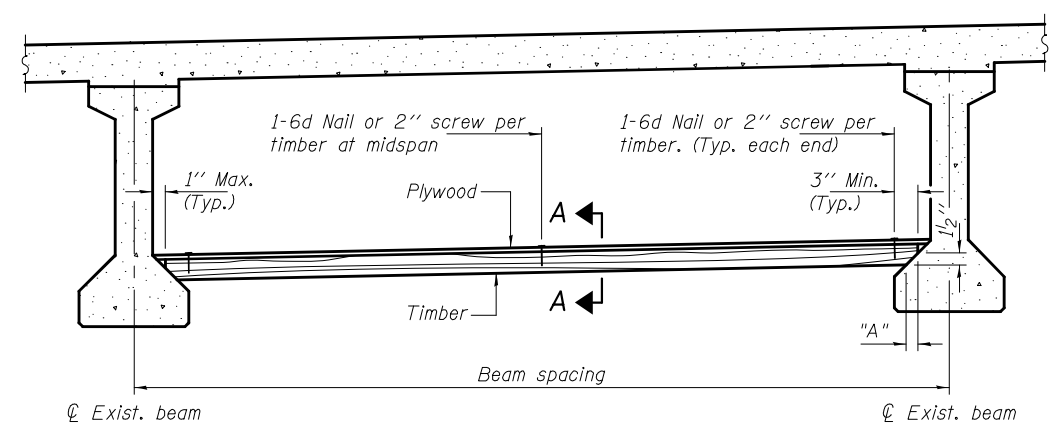
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SLOPE WALL REPAIR PLANS  
 STRUCTURE NO. 006-0115

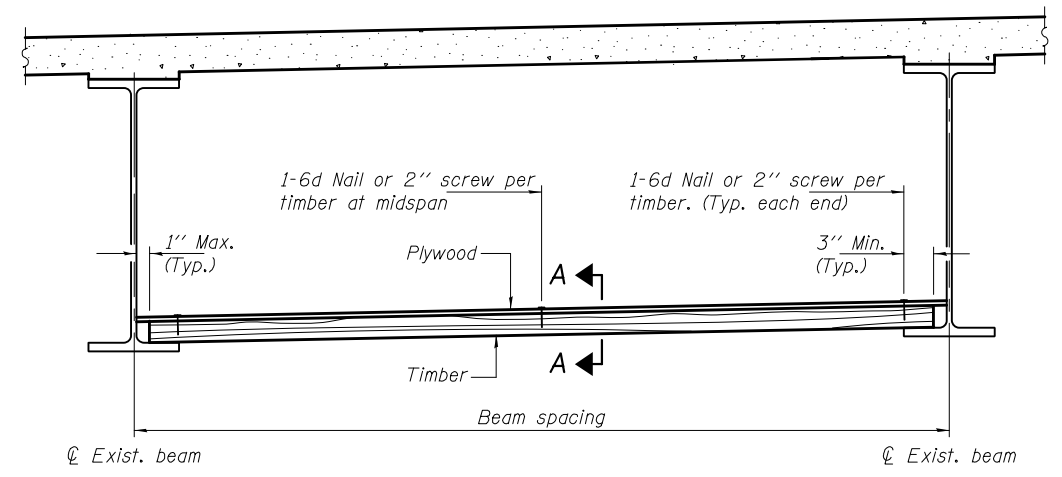
SHEET 7 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	183
CONTRACT NO. 66J65				
ILLINOIS		FED. AID PROJECT		

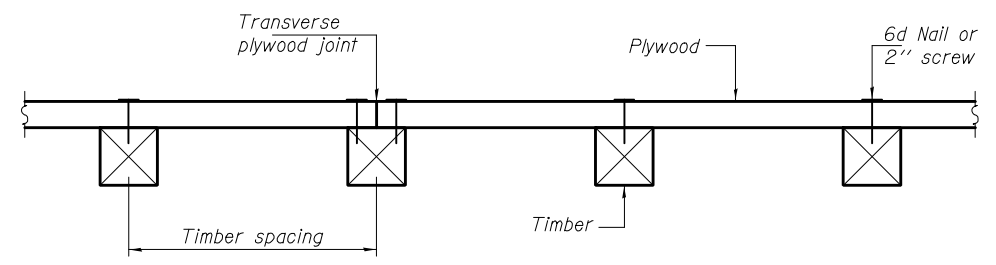
Notes: See special provision for Permanent Protective Shield System.  
 Timber sizes shown are nominal sizes. Rough sawn timber of the dimensions shown will also be considered acceptable.  
 The minimum Fb and Fv values shown are the tabulated design values given in the National Design Specification for Wood Construction for No. 2 Spruce-Pine-Fir without adjustment factors applied. Better grades or other species with equal or higher allowable stresses will also be considered acceptable.  
 The timber spacings shown have been determined using allowable stresses with all adjustment factors necessary for the anticipated service conditions.  
 All timber shall be treated.  
 Plywood shall be 5/8" rated Exterior type plywood by APA.  
 Plywood shall be placed such that the face grain is perpendicular to the timber supports. When less than a full sheet (4' width) of plywood is used, the width of the strip used shall not be less than 2'.  
 Transverse plywood joints shall be supported by timbers.  
 When 4" x 6" timbers are used, they shall be placed such that the wide face is horizontal and the narrow face is vertical.  
 Design load = 200 psf.



PPC I-BEAMS AND BULB-T's



STEEL BEAMS



SECTION A-A

TIMBER SPACING

Beam Spacing (ft.)	Timber Sizes (in.)		
	4" x 4" with min. Fb=775 psi Fv=135 psi	4" x 6" with min. Fb=775 psi Fv=135 psi	6" x 6" with min. Fb=575 psi Fv=125 psi
	Maximum Timber Spacing (in.)		
4.5	16	16	16
4.75	16	16	16
5.0	16	16	16
5.25	16	16	16
5.5	16	16	16
5.75	16	16	16
6.0	16	16	16
6.25	12	16	16
6.5	12	16	16
6.75	12	16	16
7.0	8	16	16
7.25	8	16	16
7.5	8	16	16
7.75	8	16	16
8.0	8	12	16
8.25	8	12	16
8.5	6	12	12
8.75	6	12	12
9.0	6	8	12

PPC I-BEAMS AND BULB-T's

BEAM	"A"
36" I-Beam	1 1/2"
42" I-Beam	1 1/2"
48" I-Beam	1 1/2"
54" I-Beam	1 5/8"
63" Bulb-T	3 3/8"
72" Bulb-T	3 3/8"

PPS-1

01-22-09

BILL OF MATERIAL

Item	Unit	Total
Protective Shield (Permanent)	Sq. Yd.	304

DESIGNED -	EXAMINED	DATE -
CHECKED -	ENGINEER OF STRUCTURAL SERVICES	
DRAWN -	PASSED	REVISED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PERMANENT PROTECTIVE SHIELD  
 STRUCTURE NO. 006-0115

SHEET NO. 8 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)ES	BUREAU	208	184
CONTRACT NO. 66J65			ILLINOIS FED. AID PROJECT	



**Existing Structure:**  
 The bridge is a seven-span continuous, rolled beam bridge with a 6½-inch reinforced concrete deck. The original structure was built in 1963. The steel beams were repainted in 2017.

TR 40 traffic will be detoured during construction.

No salvage

**DESIGN SPECIFICATIONS**

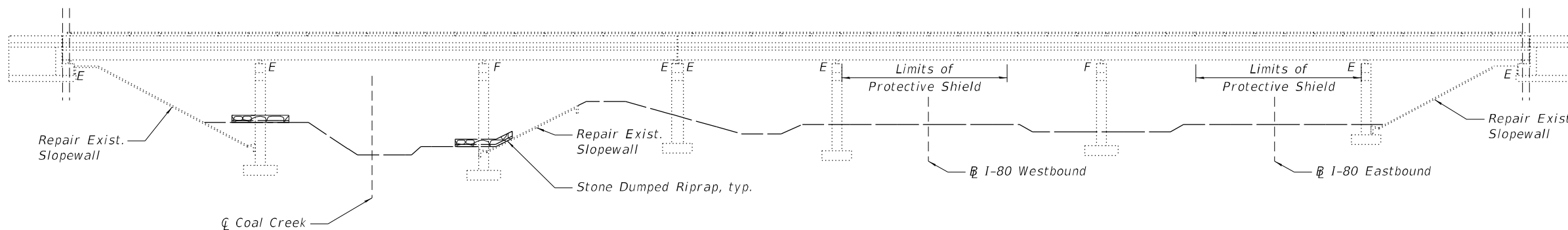
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

**DESIGN STRESSES**

(New Construction)

FIELD UNITS

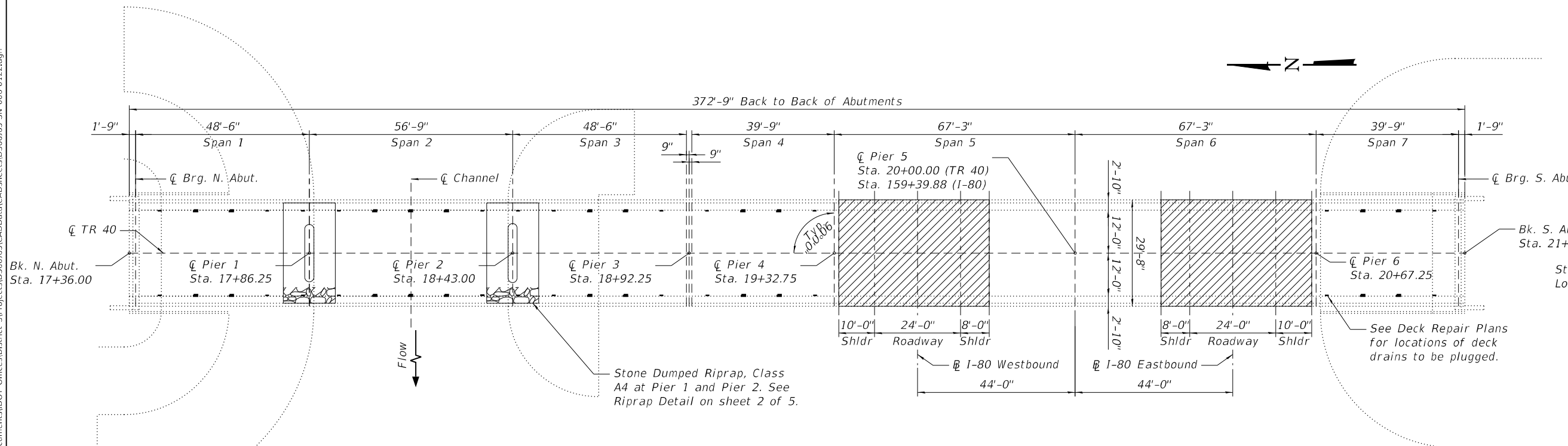
$f'_c = 4,000$  psi (Deck Repair)  
 $f'_c = 3,500$  psi (Slope Wall Repair)  
 $f_y = 60,000$  psi (Reinforcement)



**ELEVATION**

**SCOPE OF WORK**

1. Repair deck.
2. Repair slopewalls.
3. Remediate scour with riprap around Pier 1 and Pier 2.
4. Install permanent Protective Shield over I-80 traffic lanes.
5. Plug deck drains within 12' of substructure element.

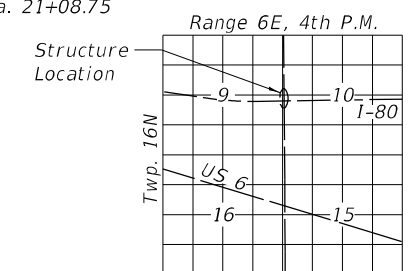


**PLAN**

The provided TR 40 and I-80 stationing is taken from existing plans. See General Note 2 on sheet 2 of 8.

**LEGEND**

- Location of protective shield
- Riprap



**LOCATION SKETCH**

**GENERAL PLAN AND ELEVATION**  
**TR 40 OVER I-80 AND COAL CREEK**  
**BUREAU COUNTY**  
**STRUCTURE NO. 006-0122**  
**STA. 159+39.88**

MODEL: 006-0122-01-GPE\_Coal\_Creek  
 FILE NAME: p:\w\id\spw\bentley.com\FWIDOT\Documents\DOT\_Offices\District\_3\Projects\0366165\CADData\CADsheets\0366165-SN\_006-0122.dgn

USER NAME =	DESIGNED - RJO	REVISED -
CHECKED - JJM	REVISED -	
PLOT SCALE =	DRAWN - JJM	REVISED -
PLOT DATE =	CHECKED - RJO	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**  
**STRUCTURE NO. 006-0122**

SHEET 1 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	185
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES**

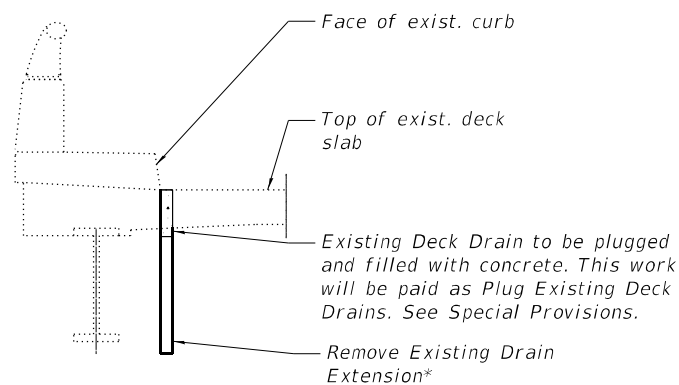
1. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.  
As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer.  
Any cracks that cannot be removed by grinding 1/4 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
4. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
5. Protective Coat shall be applied to the new top surface of the deck only per Section 503.19 of the Standard Specifications.

**INDEX OF SHEETS**

1. General Plan and Elevation
2. General Data
- 3-4. Deck Repair Plans
- 5-6. As-Built Deck Repair Plans
7. Slope Wall Repair Plans
8. Protective Shield Details

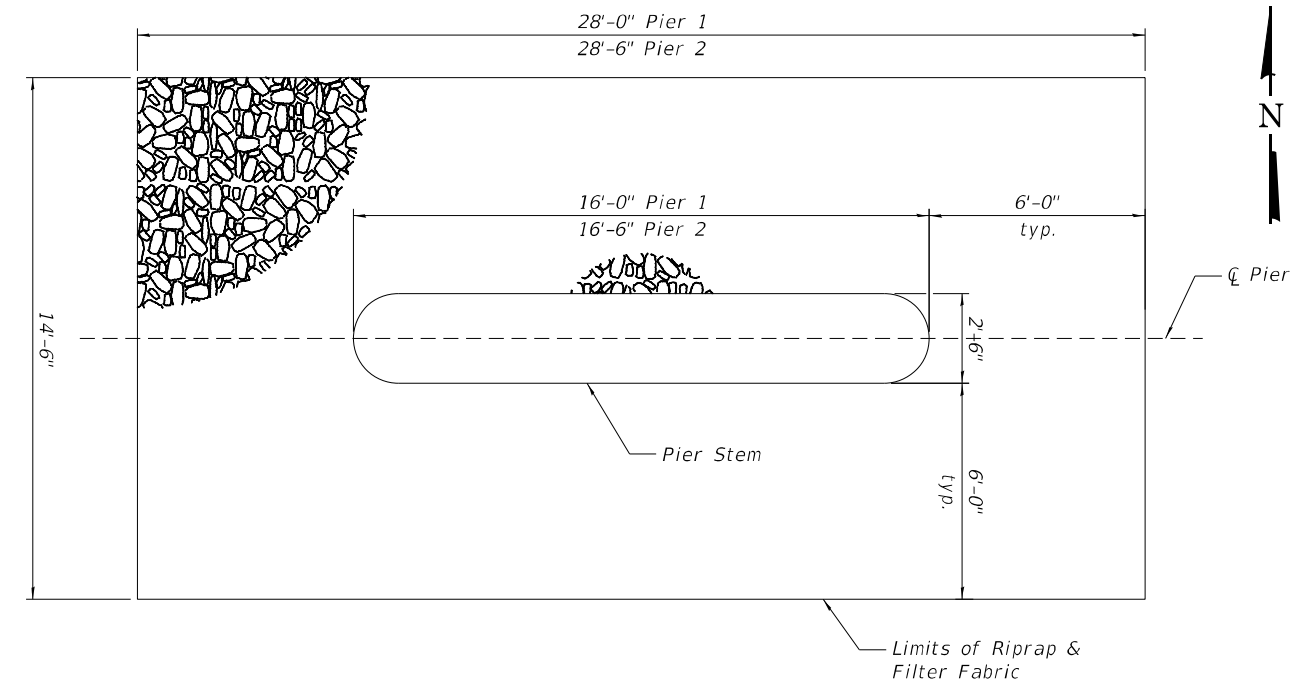
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Dumped Riprap, Class A4	Sq. Yd.	-	82	82
Filter Fabric	Sq. Yd.	-	82	82
Protective Coat	Sq. Yd.	376	-	376
Plug Existing Deck Drains	Each	24	-	24
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2	-	2
Deck Slab Repair (Partial)	Sq. Yd.	374	-	374
Slope Wall Repair	Sq. Yd.	-	10	10
Slope Wall Slurry Pumping	Cu. Yd.	-	2	2
Slope Wall Crack Sealing	Foot	-	223	223
Protective Shield (Permanent)	Sq. Yd.	277	-	277



**DECK DRAIN PLUG DETAIL**

\*Cost included in Plug Existing Deck Drains.



**RIPRAP DETAIL**

MODEL: 006-0122-02-GenNotes\_Coal\_Creek  
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PLOT DATE =	CHECKED - RJO	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

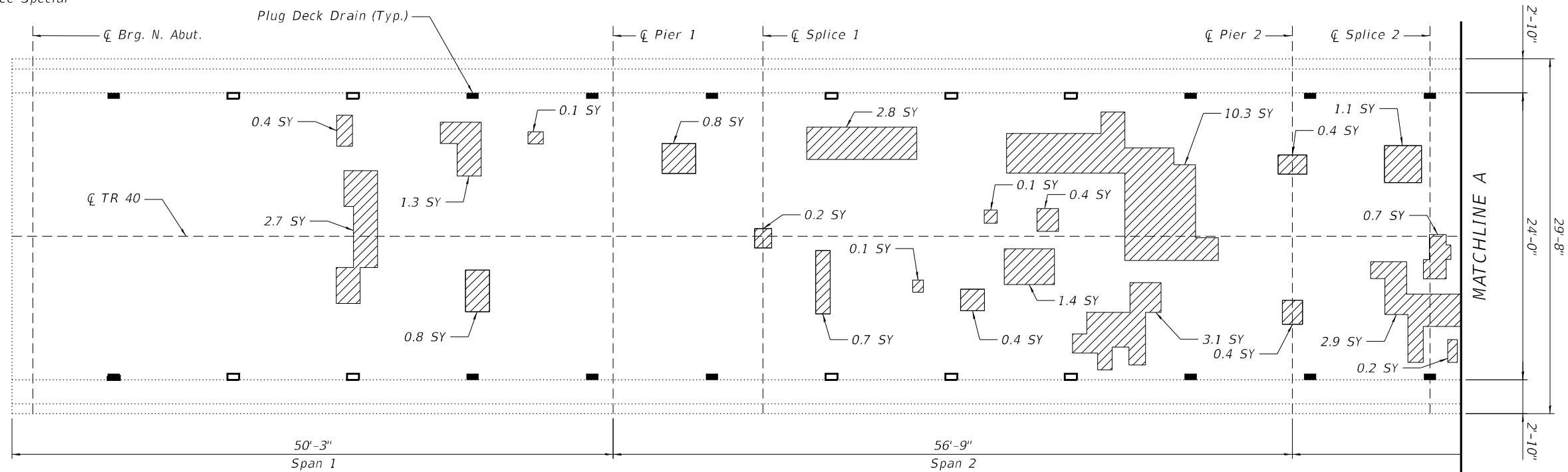
**GENERAL DATA  
STRUCTURE NO. 006-0122**

SHEET 2 OF 8 SHEETS

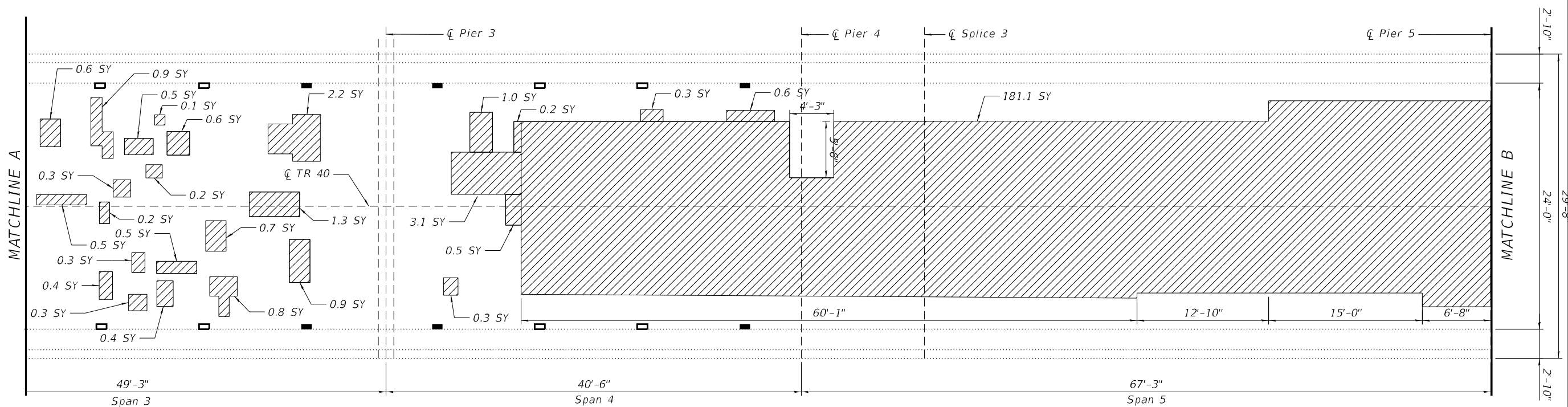
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	186
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	

**NOTES:**

- Deck slab repair areas are estimated based on an inspection conducted in August 2022. Actual repair areas and locations shall be determined by the Engineer and shown on As-Built plans.
- Care shall be exercised during concrete removal to protect the reinforcement bars and structural steel from damage. Any damage to the reinforcement bars or structural steel to remain in place shall be repaired or replaced. See Special Provisions for "Deck Slab Repair."
- Deck Slab Repair areas shall not be grooved but shall be textured with a broom finish applied transversely to the bridge centerline.



PLAN



PLAN

**LEGEND**

- Deck Slab Repair (Partial Depth)
- Deck Slab Repair (Full Depth)
- Deck Drain Plug

MODEL: 006-0122-03-DeckRepairPlan\_Coal\_Creek  
FILE NAME: p:\w\1101-spw-bentley.com\FWIDOT\Documents\IDOT\_Offices\District\_3\Projects\0366165\CADDData\CADSheet\ID366165-SN\_006-0122.dgn

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PLOT DATE =	CHECKED - RJO	REVISED -

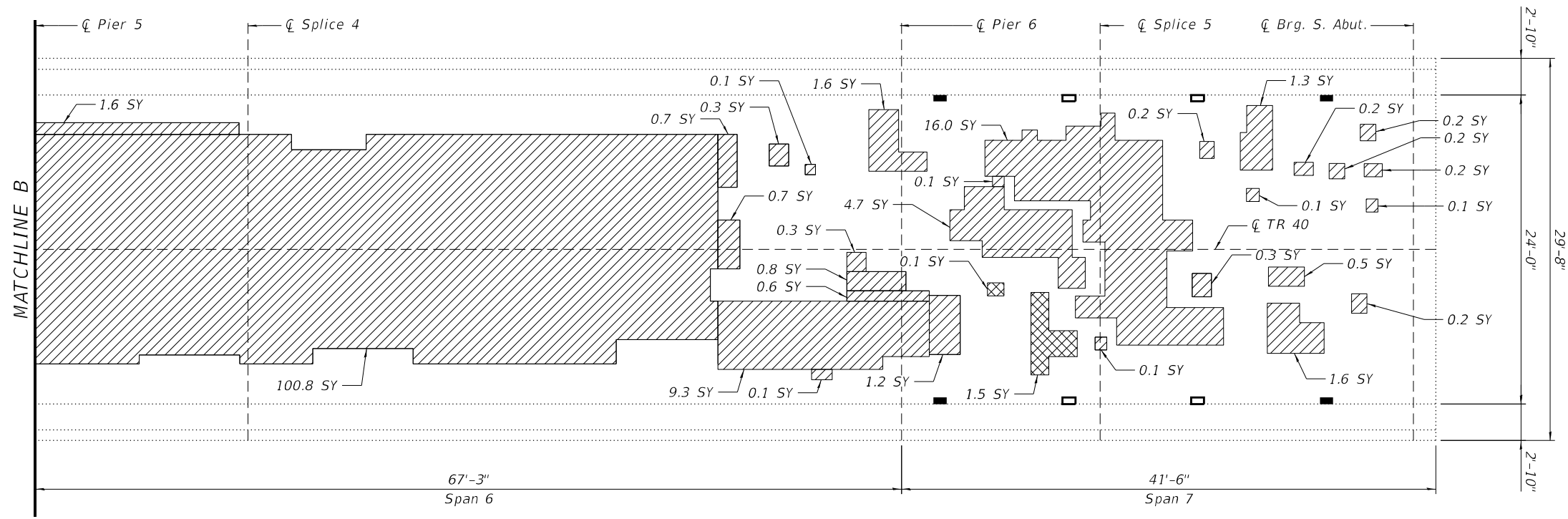
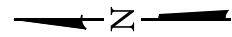
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DECK REPAIR PLANS (1 of 2)  
STRUCTURE NO. 006-0122**

SHEET 3 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	187
CONTRACT NO. 66J65				

ILLINOIS FED. AID PROJECT



PLAN

**LEGEND**

- Deck Slab Repair (Partial Depth)
- Deck Slab Repair (Full Depth)
- Deck Drain Plug

**BILL OF MATERIAL**

Item	Unit	Quantity
Protective Coat	Sq. Yd.	376
Plug Existing Deck Drain	Each	24
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2
Deck Slab Repair (Partial)	Sq. Yd.	374

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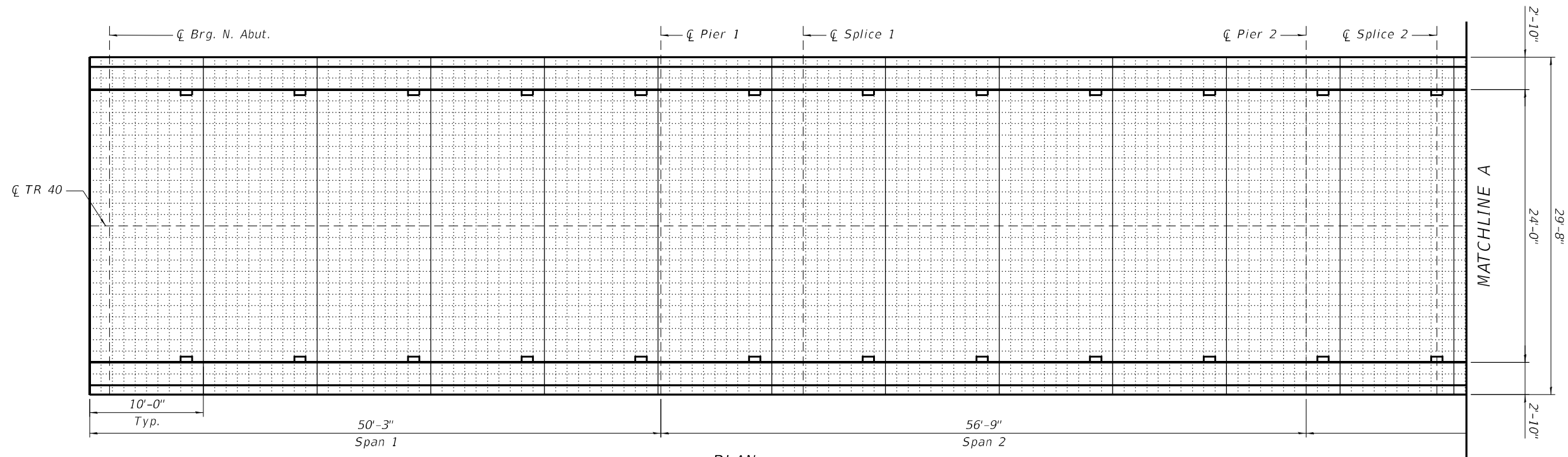
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DECK REPAIR PLANS (2 of 2)  
STRUCTURE NO. 006-0122**

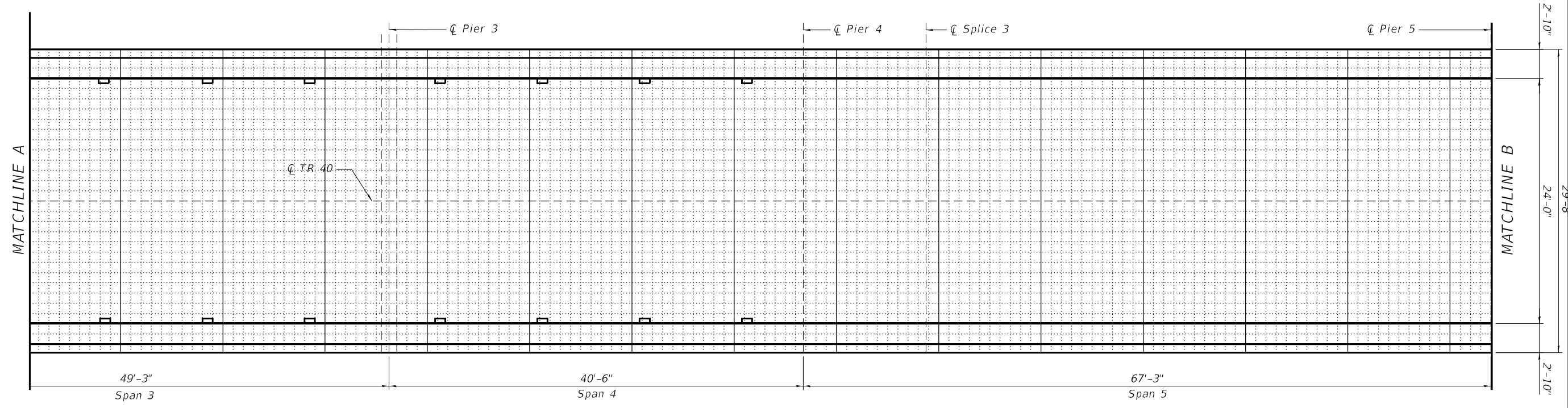
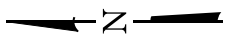
SHEET 4 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	188
			CONTRACT NO. 66J65	
		ILLINOIS	FED. AID PROJECT	

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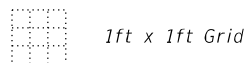


PLAN



PLAN

LEGEND



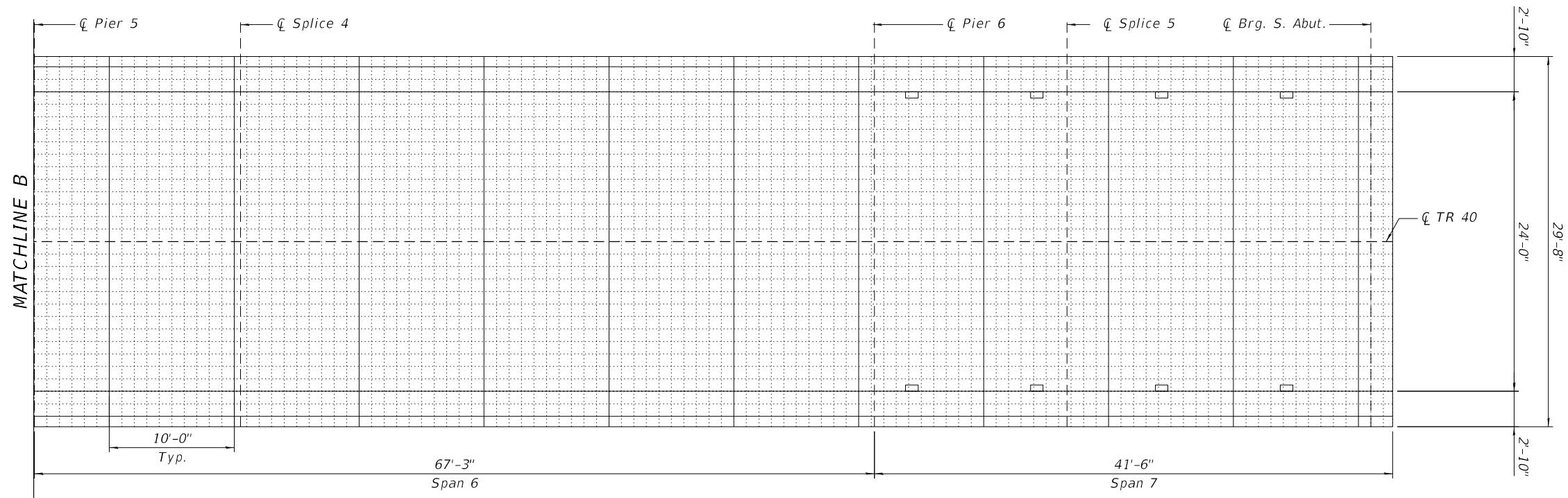
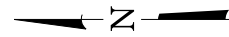
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PLOT DATE =	CHECKED - RJO	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

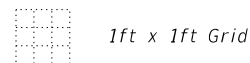
DECK PLAN "AS-BUILT" (1 of 2)  
 STRUCTURE NO. 006-0122

SHEET 5 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	189
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



**LEGEND**



MODEL: 006-0122-06-AsBuiltPlan\_Coal\_Creek  
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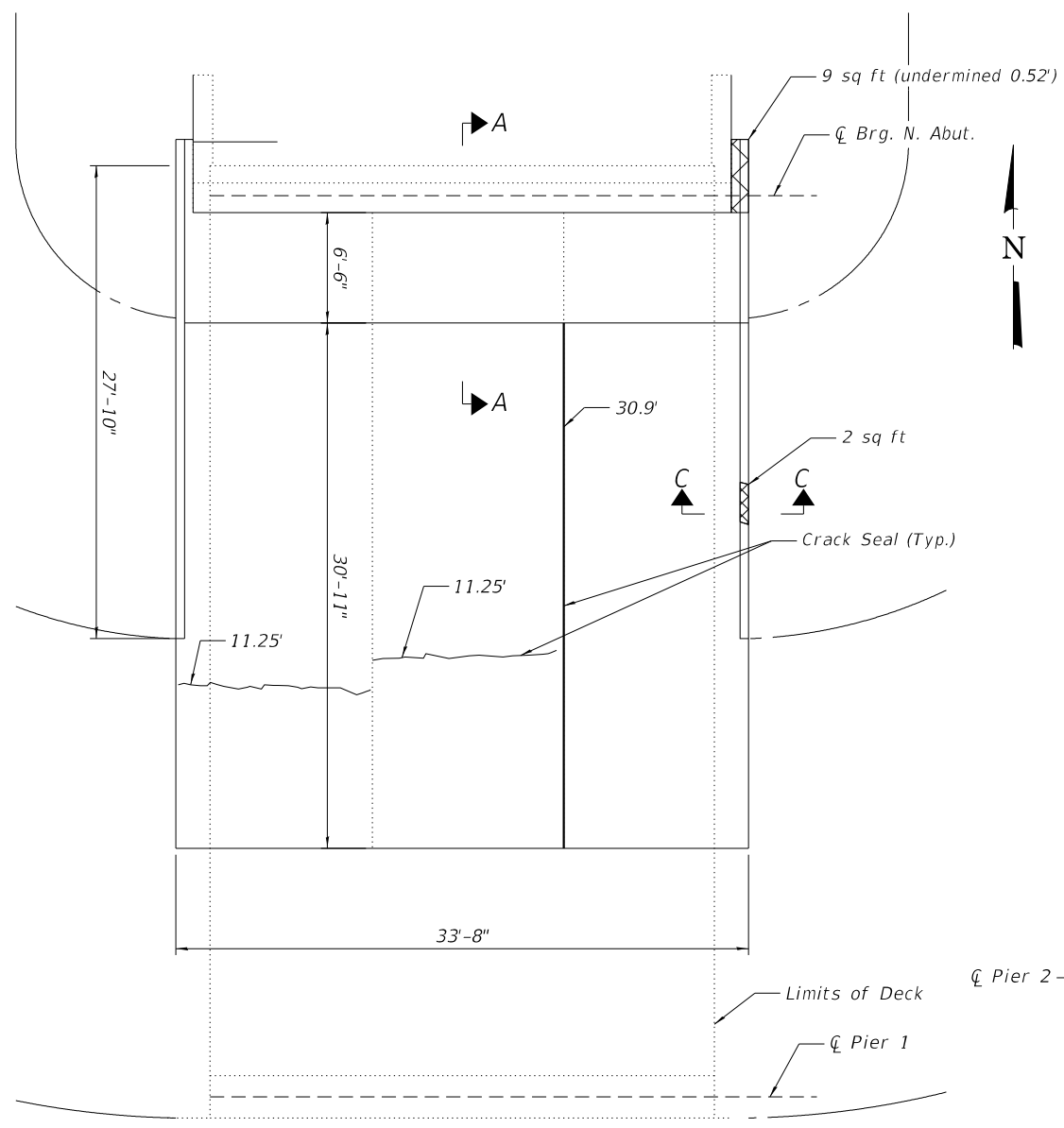
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DECK PLAN "AS-BUILT" (2 of 2)**  
**STRUCTURE NO. 006-0122**

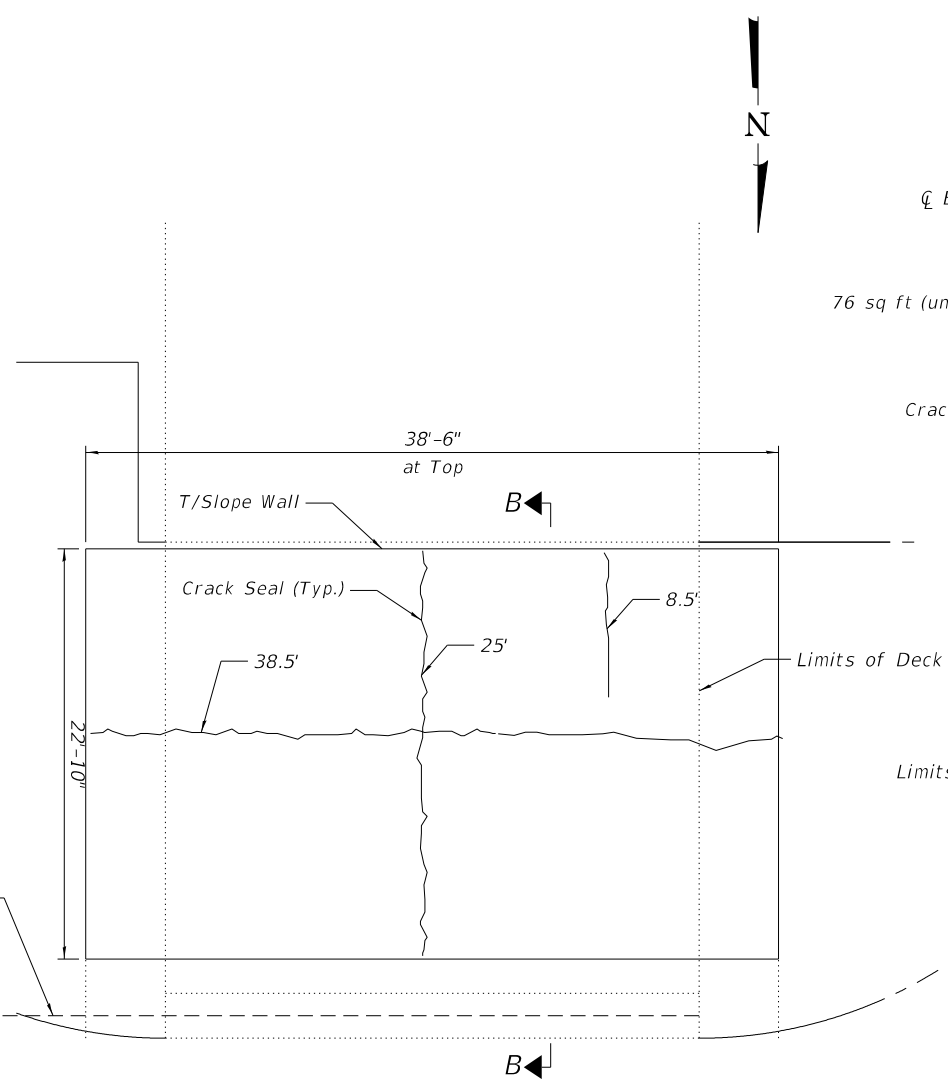
SHEET 6 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	190
CONTRACT NO. 66J65				
		ILLINOIS	FED. AID PROJECT	

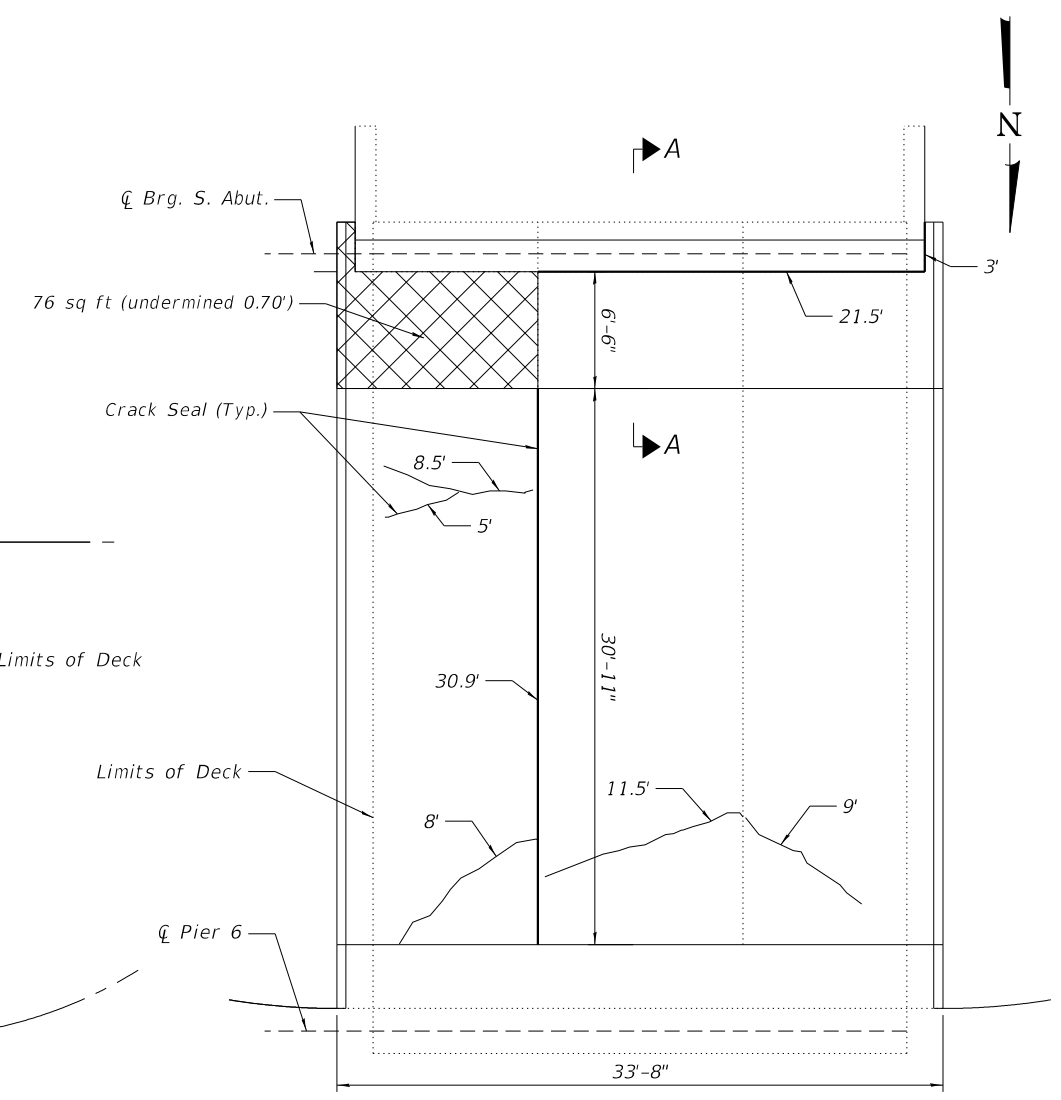
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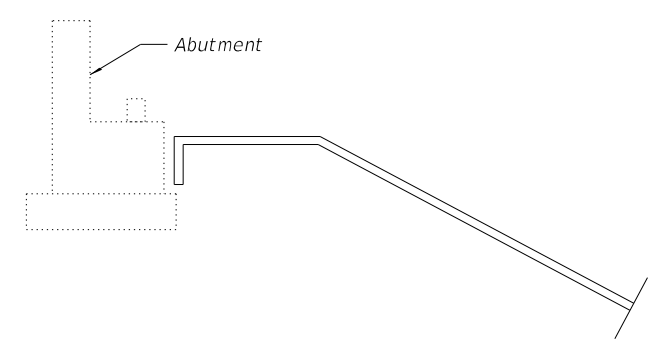
NORTH SLOPE WALL PLAN



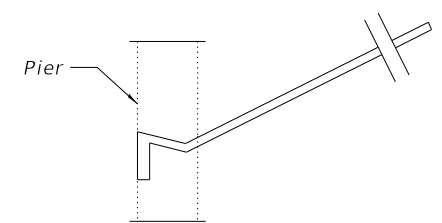
CHANNEL SLOPE WALL PLAN



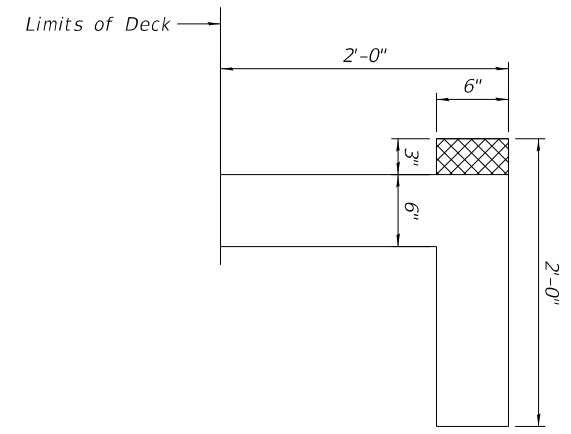
SOUTH SLOPE WALL PLAN



SECTION A-A



SECTION B-B



SECTION C-C

- LEGEND**
- 32' — Slope Wall Crack Sealing at Joint
  - 6' — Slope Wall Crack Sealing
  - ▨ — Slope Wall Repair

**BILL OF MATERIAL**

Item	Unit	Quantity
Slope Wall Repair	Sq. Yd.	10
Slope Wall Slurry Pumping	Cu. Yd.	2
Slope Wall Crack Sealing	Foot	223

USER NAME =	DESIGNED - RJO	REVISED -
	CHECKED - JJM	REVISED -
PLOT SCALE =	DRAWN - JJM	REVISED -
PLOT DATE =	CHECKED - RJO	REVISED -

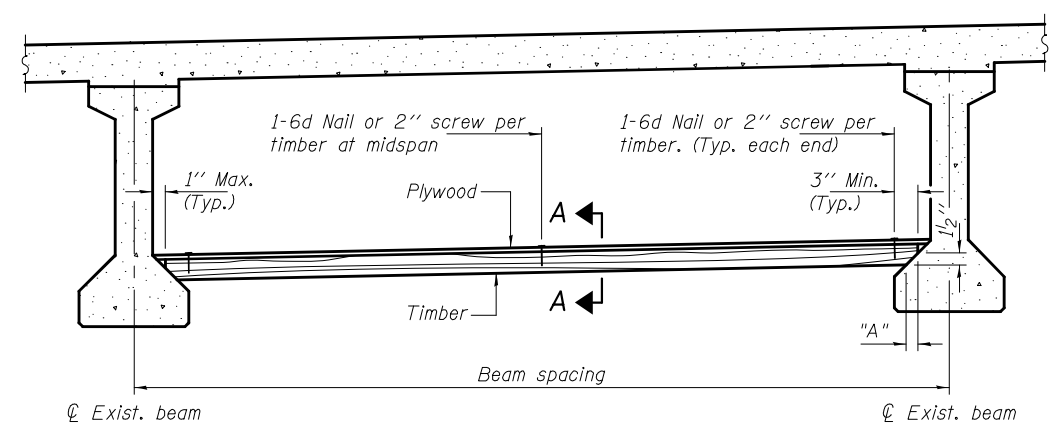
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SLOPE WALL REPAIR PLANS  
 STRUCTURE NO. 006-0122**

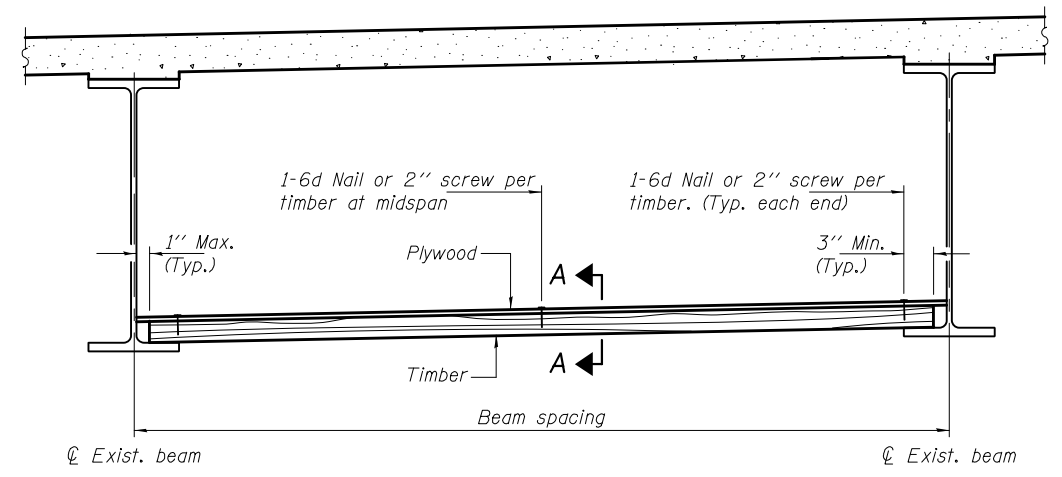
SHEET 7 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	191
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

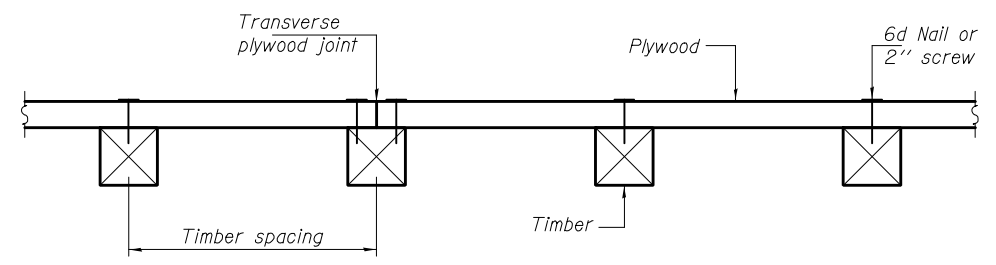
Notes: See special provision for Permanent Protective Shield System.  
 Timber sizes shown are nominal sizes. Rough sawn timber of the dimensions shown will also be considered acceptable.  
 The minimum Fb and Fv values shown are the tabulated design values given in the National Design Specification for Wood Construction for No. 2 Spruce-Pine-Fir without adjustment factors applied. Better grades or other species with equal or higher allowable stresses will also be considered acceptable.  
 The timber spacings shown have been determined using allowable stresses with all adjustment factors necessary for the anticipated service conditions.  
 All timber shall be treated.  
 Plywood shall be 5/8" rated Exterior type plywood by APA.  
 Plywood shall be placed such that the face grain is perpendicular to the timber supports. When less than a full sheet (4' width) of plywood is used, the width of the strip used shall not be less than 2'.  
 Transverse plywood joints shall be supported by timbers.  
 When 4" x 6" timbers are used, they shall be placed such that the wide face is horizontal and the narrow face is vertical.  
 Design load = 200 psf.



**PPC I-BEAMS AND BULB-T's**



**STEEL BEAMS**



**SECTION A-A**

**TIMBER SPACING**

Beam Spacing (ft.)	Timber Sizes (in.)		
	4" x 4" with min. Fb=775 psi Fv=135 psi	4" x 6" with min. Fb=775 psi Fv=135 psi	6" x 6" with min. Fb=575 psi Fv=125 psi
	Maximum Timber Spacing (in.)		
4.5	16	16	16
4.75	16	16	16
5.0	16	16	16
5.25	16	16	16
5.5	16	16	16
5.75	16	16	16
6.0	16	16	16
6.25	12	16	16
6.5	12	16	16
6.75	12	16	16
7.0	8	16	16
7.25	8	16	16
7.5	8	16	16
7.75	8	16	16
8.0	8	12	16
8.25	8	12	16
8.5	6	12	12
8.75	6	12	12
9.0	6	8	12

**PPC I-BEAMS AND BULB-T's**

BEAM	"A"
36" I-Beam	1 1/2"
42" I-Beam	1 1/2"
48" I-Beam	1 1/2"
54" I-Beam	1 5/8"
63" Bulb-T	3 3/8"
72" Bulb-T	3 3/8"

PPS-1

01-22-09

**BILL OF MATERIAL**

Item	Unit	Total
Protective Shield (Permanent)	Sq. Yd.	277

DESIGNED -	EXAMINED	DATE -
CHECKED -	ENGINEER OF STRUCTURAL SERVICES	
DRAWN -	PASSED	REVISED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES	REVISED

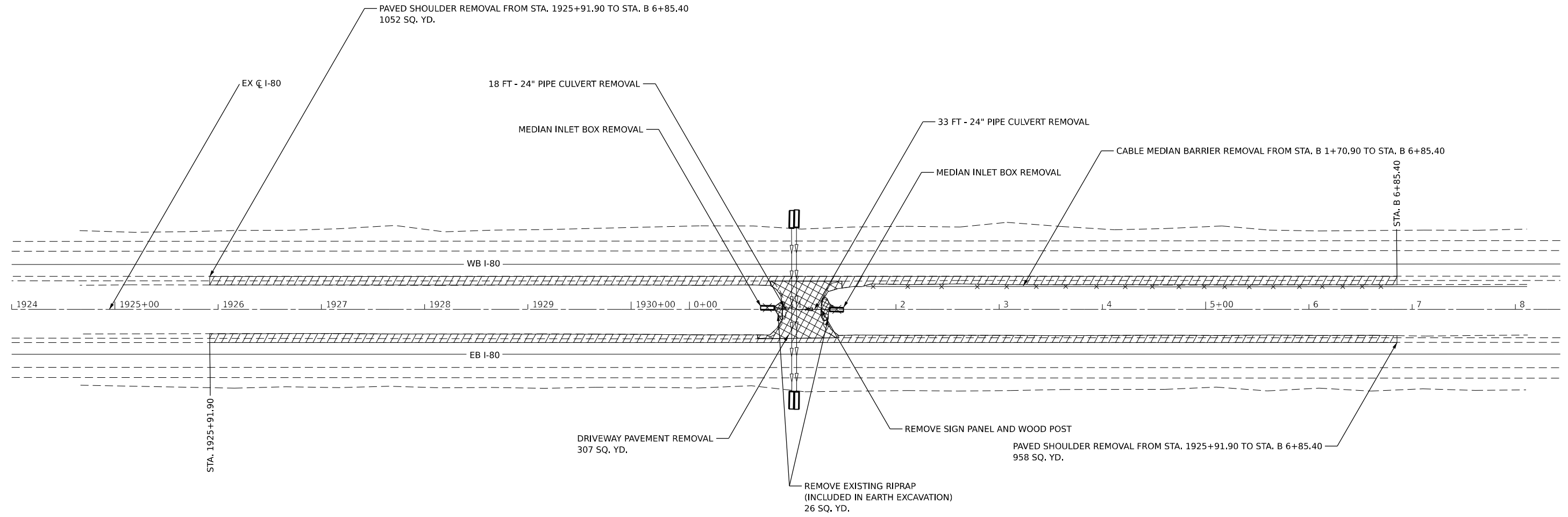
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PERMANENT PROTECTIVE SHIELD  
 STRUCTURE NO. 006-0122**

SHEET NO. 8 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1, 06-2)ES	BUREAU	208	192
			CONTRACT NO. 66J65	
ILLINOIS FED. AID PROJECT				





MODEL: I-80 Crossover Drainage Removal Plan - I-80 Crossover Drainage Removal Plan (Sheet)  
 FILE NAME: P:\Illinois\Projects\DOT\Office\District 3\BRR\Projects\36665\CADD\Drawings\Drainage Removal Plan\_D3\_Work Order 5\_I-80\_Crossover.dgn



USER NAME = Cody, M. Johnson	DESIGNED - _____	REVISED - _____
PLOT SCALE = 0.16666633' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 2/2/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN	
SCALING SCALE	SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4.BRR	BUREAU	208	193
CONTRACT NO. 66J65				
ILLINOIS		FED. AID PROJECT		

Long Section Number

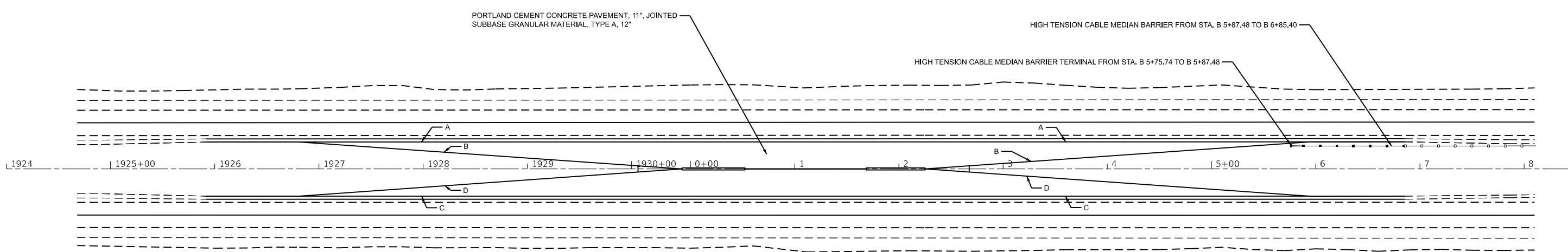


		TABLE OF OFFSETS AND SLOPES																																
		1924+90.97	1925+00.00	1925+91.89	1926+00.00	1926+81.22	1927+00.00	1927+50.00	1928+00.00	1928+50.00	1929+00.00	1929+49.11	1930+00.00	1930+06.16	1930+48.41	B 0+52.24	B 1+00.00	B 1+10.25	B 1+68.59	B 2+00.00	B 2+25.15	B 2+67.44	B 3+00.00	B 3+25.28	B 4+00.00	B 4+50.00	B 5+00.00	B 5+95.52	B 6+00.00	B 6+85.35	B 7+00.00	B 7+85.35	B 8+00.00	
EASTBOUND	OFFSET FROM EASTBOUND INSIDE EOP TO SLOPE BREAK	C	8.37	8.18	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.14	6.94	7.02	
	% CROSS SLOPE		8.89	8.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.77	7.47	7.41
WESTBOUND	OFFSET FROM WESTBOUND INSIDE EOP TO SLOPE BREAK	A	8.41	8.20	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.29	8.00	7.93
	% CROSS SLOPE		-8.60	-8.24	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-4.75	-8.88	-8.98
EASTBOUND	OFFSET FROM SLOPE BREAK TO THE MEDIAN SIDE EOP	D	N/A	N/A	0.00	0.00	0.00	1.34	4.92	8.50	12.08	15.63	19.09	22.68	23.11	26.09	25.11	26.16	26.16	25.21	25.24	26.20	23.25	20.97	19.20	13.97	10.48	6.95	0.00	0.00	0.00	N/A	N/A	N/A
	% CROSS SLOPE		N/A	N/A	N/A	N/A	1.95	1.91	1.86	1.79	1.73	1.67	1.61	1.60	1.55	2.00	1.60	1.50	2.25	2.07	1.84	1.93	1.94	1.94	1.96	1.97	1.97	N/A	N/A	N/A	N/A	N/A	N/A	
WESTBOUND	OFFSET FROM SLOPE BREAK TO THE MEDIAN SIDE EOP	B	N/A	N/A	0.00	0.00	0.00	1.35	4.94	8.53	12.12	15.70	19.18	22.79	23.22	26.19	25.24	26.25	26.26	25.28	25.29	26.36	23.37	21.04	19.24	13.89	10.32	6.77	0.00	0.00	0.00	N/A	N/A	N/A
	% CROSS SLOPE		N/A	N/A	N/A	N/A	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	

MODEL: I-80 Crossover Roadway; Plans - I-80 Crossover Roadway; Plans (Sheet)  
 FILE NAME: P:\Illinois\Projects\I-80\I-80\_Crossover\_Roadway\DOT - Office\I-80\I-80\_Crossover\_Roadway\I-80\_Crossover\_Roadway.dgn



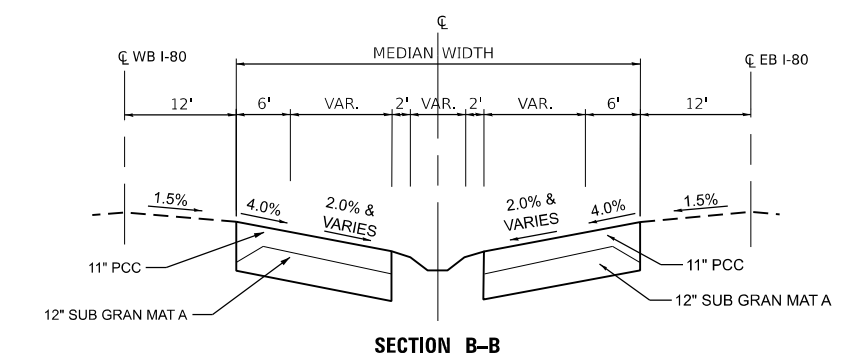
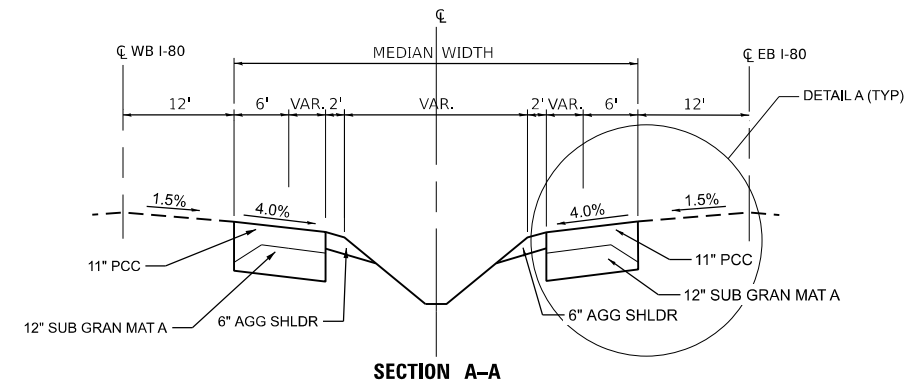
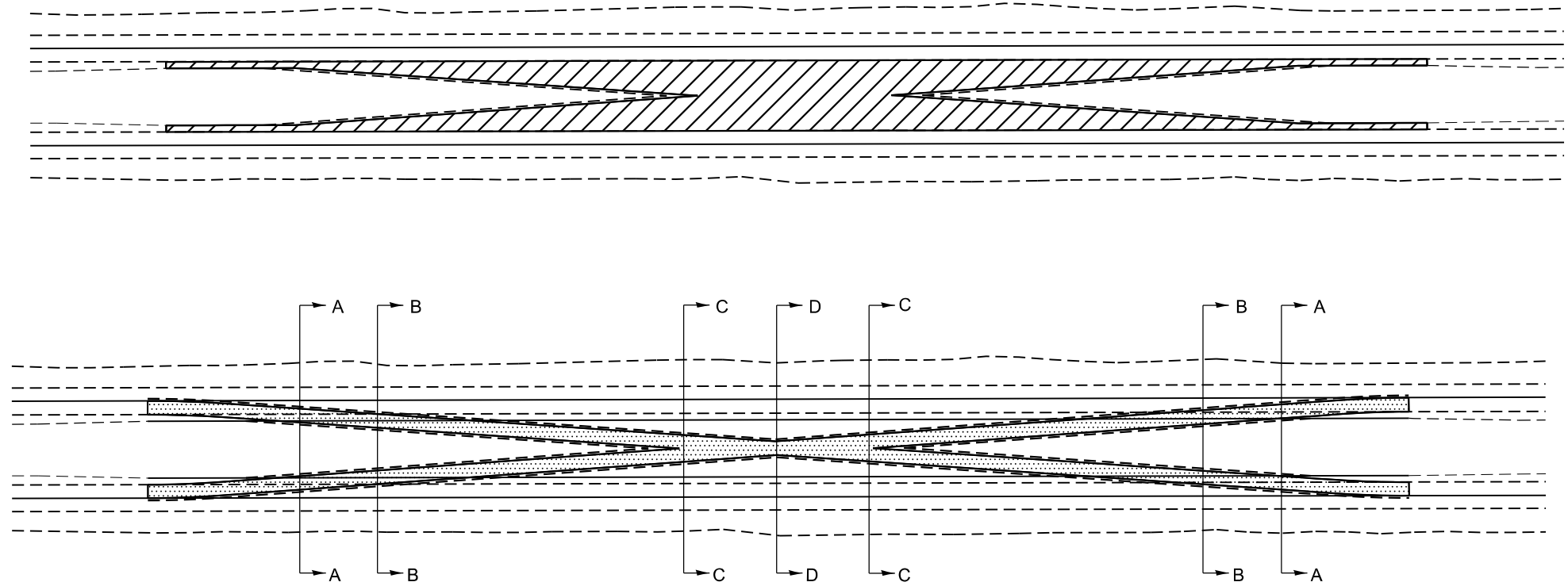
USER NAME = Bradley,Duncan	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
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PLOT DATE = 3/2/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

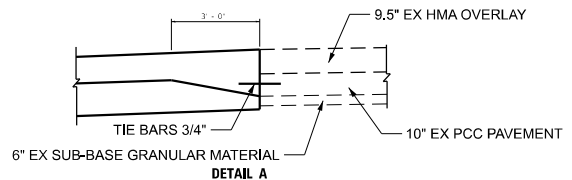
**I-80 MEDIAN CROSSOVER**  
**ROADWAY PLAN**

SCALE: 1"=50"      SHEET 1      OF 1      SHEETS      STA. \_\_\_\_\_      TO STA. \_\_\_\_\_

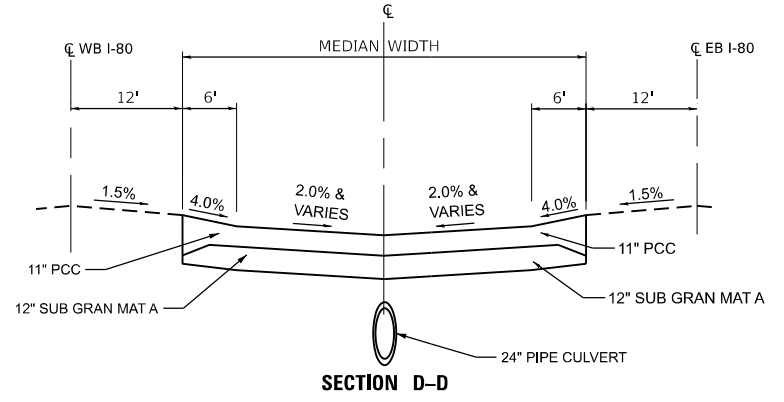
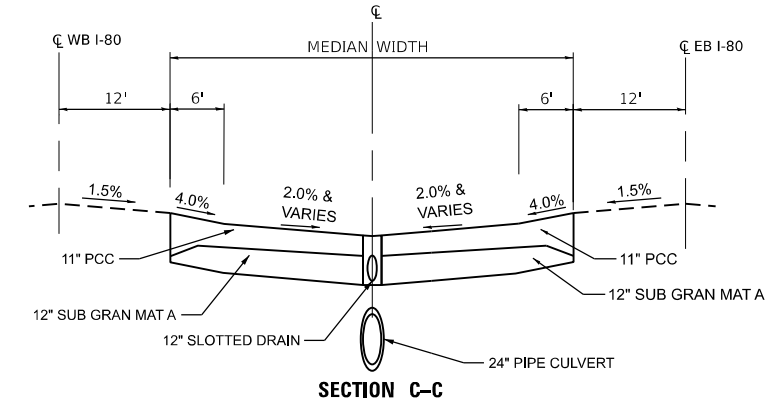
F.A.I. RTE. 80	SECTION (06-1,06-2)R5-4,BRR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 194
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



**CROSSOVER GEOMETRY**



NOTE: THICKENED EDGE REQUIRED TO INSTALL TIE BARS. COST OF THICKENED EDGE INCLUDED IN PAY ITEM "42000521-PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)".



MODEL: I-80 Crossover Details-3 (Sheet 4)  
FILE NAME: P:\GIS\Projects\2023\20230615\CADD\Drawings\Crossover\Crossover Details\_03 Work Order\_5\_I-80 Crossover.dgn



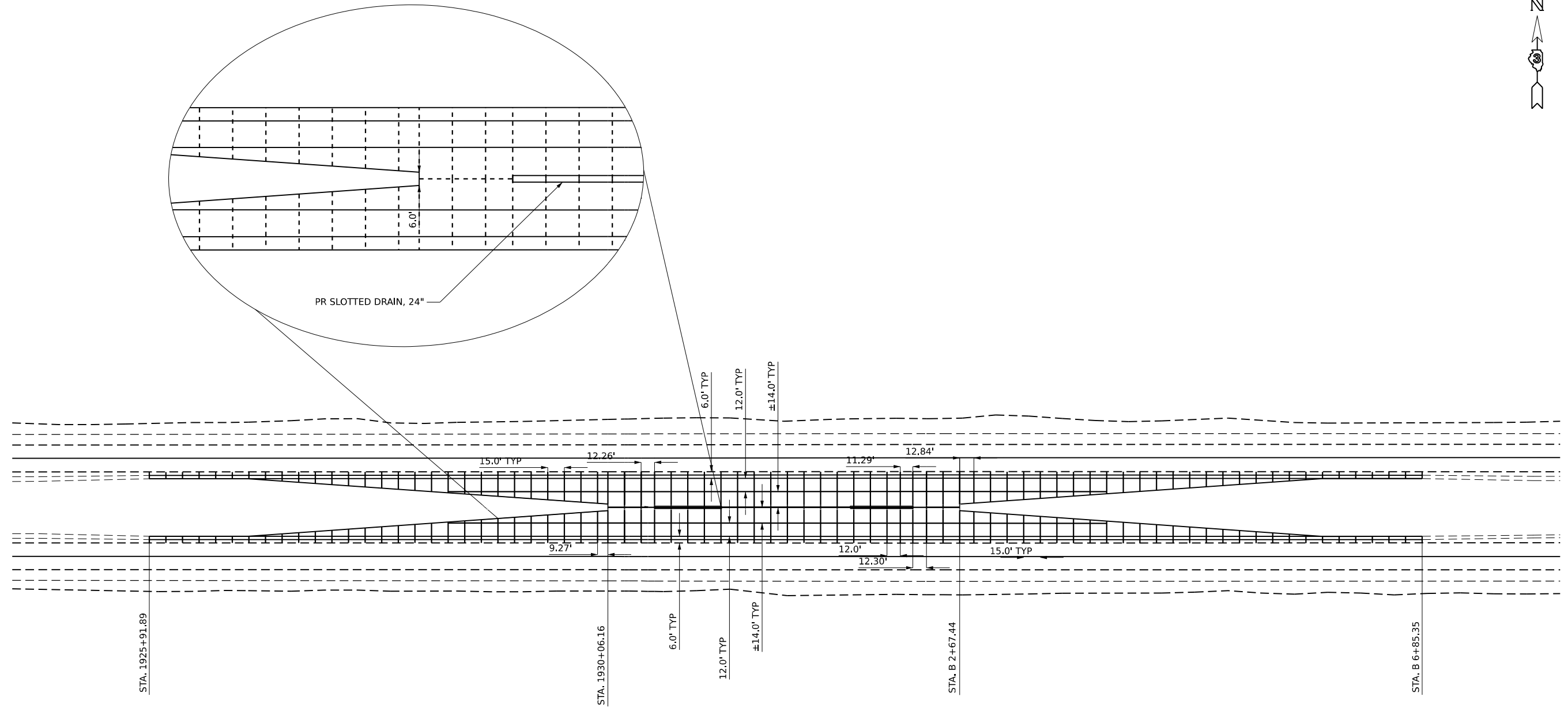
USER NAME = Cody, M. Johnson	DESIGNED -	REVISED -
PLOT SCALE = 104.16645934' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
CROSSOVER DETAILS**

SCALE: SHEET 1 OF 1 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4,BRR	BUREAU	208	195
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



MODEL: I-80 Crossover Jointing Details - I-80 Crossover Jointing Details (Sheet)  
 FILE NAME: P:\projects\2023\I-80 Crossover Jointing Details\DOT Office\District 3\IBRD Projects\36665\CADDData\CADDsheets\Jointing Details\_D3 Work\_Order\_5-I-80 Crossover.dgn



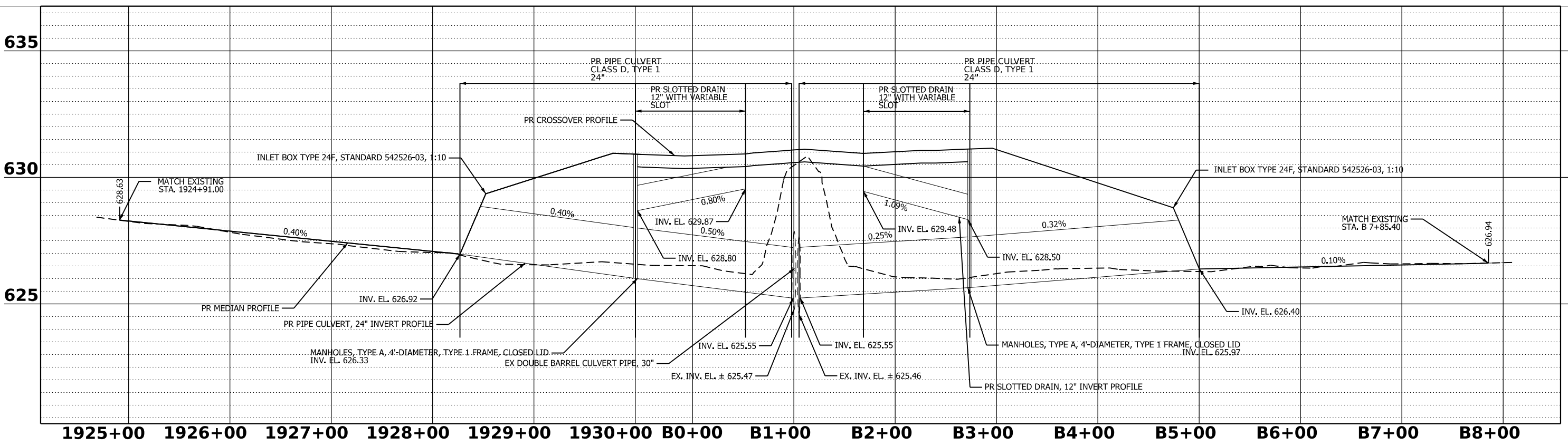
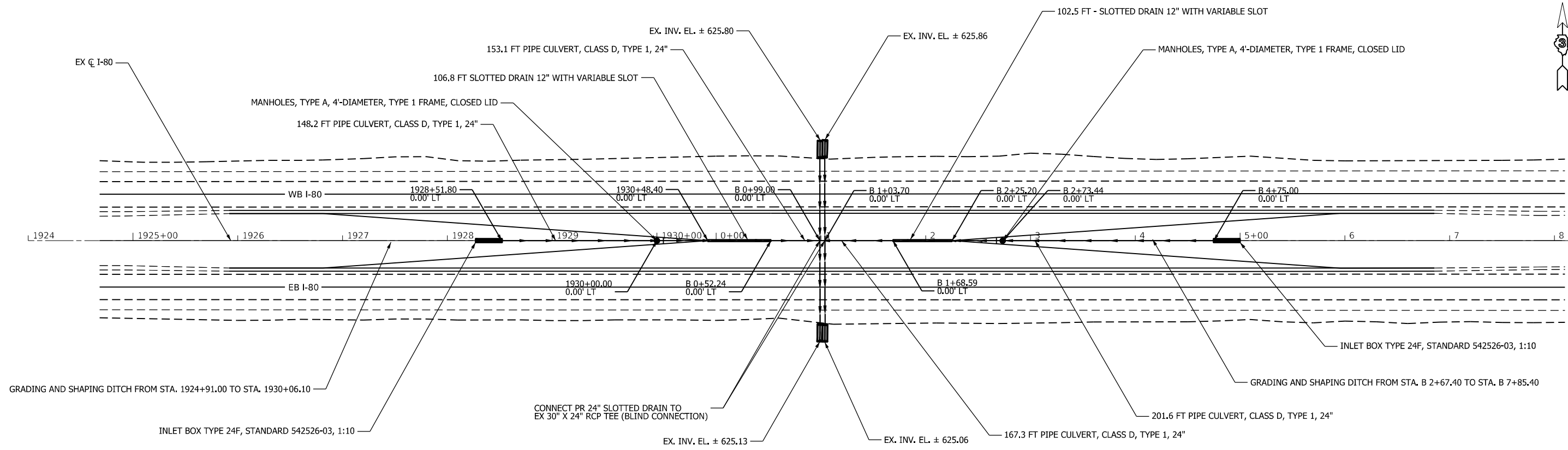
USER NAME = Bradley,Duncan	DESIGNED - _____	REVISED - _____
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PLOT DATE = 3/2/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER**  
**PAVEMENT JOINTING PLAN**

SCALE: 1"=50'      SHEET 1 OF 1 SHEETS      STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4,BRR	BUREAU	208	196
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



MODEL: I-80 Crossover Drainage Plan - I-80 Crossover Drainage Plan and Profile.dwg  
 FILE NAME: P:\Illinois\Projects\I-80 Crossover\Drawings\I-80 Crossover\I-80 Crossover.dwg  
 PROJECT: I-80 Crossover Drainage Plan and Profile, 03 Work Order 5, I-80 Crossover.dwg



USER NAME = Joshua.Ferguson	DESIGNED - _____	REVISED - _____
PLOT SCALE = 0.16666633 1/In.	DRAWN - _____	REVISED - _____
PLOT DATE = 2/2/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER**  
**DRAINAGE PLAN AND PROFILE**

SCALE: 1"=50'    SHEET 1 OF 1 SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE. = 80	SECTION = (06-1,06-2)RS-4.BRR	COUNTY = BUREAU	TOTAL SHEETS = 208	SHEET NO. = 197
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

**GENERAL**

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

THIS SPECIFICATION COVERS SLOTTED DRAIN USED FOR THE REMOVAL OF WATER AS SHOWN ON THE PLANS.

THE SLOTTED DRAIN SHALL BE CORRUGATED PIPE CULVERT WITH INTEGRAL SLOTTED DRAINS.

BEFORE PLACING THE CONCRETE ADJACENT TO THE PIPE, THE SLOT SHALL BE COVERED BY EITHER THIN, FLAT METAL SHEETING OR BY A BOARD NOTCHED TO FIT OVER THE GRATE BARS. THIS COVERING MUST FIT CLOSELY IN THE SLOT TO PREVENT ENTRY OF CONCRETE INTO THE PIPE. PAVING OVER THE SLOTTED DRAIN WILL THEN BE ONE CONTINUOUS OPERATION OVER THE PROTECTED DRAIN. THE PROTECTION FOR THE DRAIN SLOT SHALL THEN BE REMOVED. THE PIPE SHALL DRAIN INTO THE SIDE OF THE INLET. THE OPENING WHERE THE SLOT IS REMOVED SHALL BE COVERED TO PREVENT CONCRETE FROM ENTERING THE PIPE.

THE CORRUGATED STEEL PIPE USED IN THE SLOTTED DRAIN SHALL MEET THE REQUIREMENTS OF AASHTO M36/ ASTM A7860.

THE CMP SHALL BE ALUMINIZED STEEL TYPE 2.

THE DIAMETER AND GAGE SHALL BE AS SHOWN ON THE PLAN.

STEEL GRATING SHALL MEET THE GALVANIZING REQUIREMENTS OF AASHTO M111.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLOTTED DRAIN 15" WITH 1 3/4" SLOT, AND SHALL INCLUDE ELBOWS, DRILLING HOLES IN GRATING, SUPPLYING AND PLACING A1 BARS, AND CONCRETE AND GRATING FOR DEPTH SPECIFIED ON PLANS.

USE APPROVED END CAP TO PREVENT CONCRETE ENTRY INTO THE PIPE DURING GUTTER CONSTRUCTION ON THE UPSTREAM END OF THE PIPE.

**CONNECTIONS**

THE CORRUGATED STEEL PIPE SHALL HAVE A MINIMUM OF TWO REROLLED ANNULAR ENDS.

THE SLOTTED DRAIN BANDS SHALL BE MODIFIED HUGGER BANDS TO SECURE THE PIPE AND PREVENT INFILTRATION OF THE BACKFILL.

WHEN THE SLOTTED DRAIN IS BANDED TOGETHER, THE ADJACENT GRATES SHALL HAVE A MAXIMUM 3" GAP.

**GRATES**

THE GRATES SHALL BE MANUFACTURED FROM ASTM A670, GRADE 36 STEEL. THE SPACERS AND BEARING BARS (SIDES) SHALL BE 3/16" MATERIAL ±0.008".

THE SPACERS SHALL BE ON 6" CENTERS AND WELDED ON BOTH SIDES TO EACH BEARING BAR (SIDES) WITH FOUR (4) 1 1/4" LONG 3/16" FILLET WELDS ON EACH SIDE OF THE BEARING BAR.

THE PLATE EXTENDER SHALL BE 7 GAGE STEEL MEETING ASTM A761.

THE ENGINEER MAY CALL FOR TENSILE STRENGTH TESTS ON THE GRATE IF THE GRATE IS NOT IN COMPLIANCE WITH THE ABOVE SPACER SPECIFICATIONS. IF TENSILE STRENGTH TESTS ARE CALLED FOR, MINIMUM RESULTS FOR AN IN-PLACE SPACER PULLED PERPENDICULAR TO THE BEARING BAR SHALL BE:  
 T = 12,000 POUNDS FOR 2 1/2" GRATE  
 T = 15,000 POUNDS FOR 6" GRATE

**GALVANIZING**

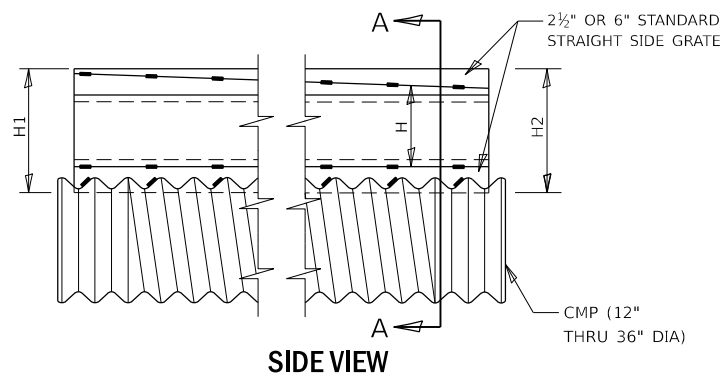
THE GRATE AND PLATE EXTENDERS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123 EXCEPT WITH A 2 OZ GALVANIZED COATING.

**GRATE ATTACHED TO CSP**

THE GRATE SHALL BE FILLET WELDED WITH A MINIMUM WELD 1" LONG TO THE CSP ON EACH SIDE OF THE GRATE AT EVERY OTHER CORRUGATION.

**TOLERANCES - FINISHED SLOTTED DRAIN - 20' LENGTH**

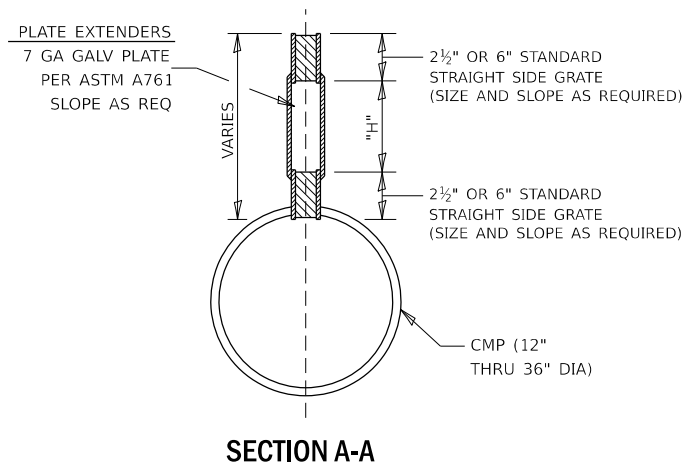
VERTICAL BOW = ± 3/8"  
 HORIZONTAL BOW = ± 3/8"  
 TWIST = ± 1/2"



**SIDE VIEW  
DETAIL WITH VARIABLE HEIGHT GRATE**

LOADING CONDITION	MAX. EXTENDER HEIGHT - "H"
H20/H25 + 750 PSI CONCRETE	19"

\* 125 PSI TIRE PRESSURE



**SECTION A-A**

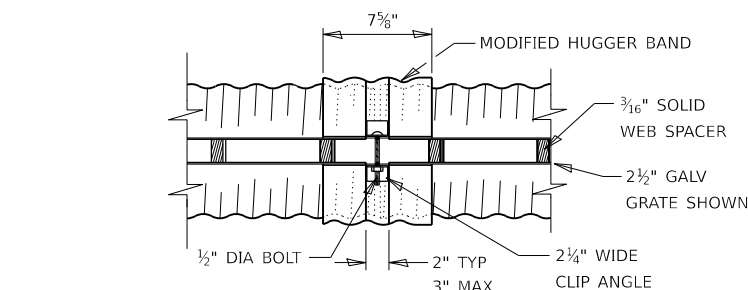
GAGE OF PIPE	STANDARD SIZES DIAMETER OF PIPE					
	12"	15"	18"	24"	30"	36"
16	X	X	X	X	X	X
14	X	X	X	X	X	X
12	NA	NA	NA	NA	X	X

GRATE TYPE	"A"
VERT 2 1/2"	1 3/4"
VERT 6"	1 3/4"
TRAP 2 1/2"	2 1/4"
TRAP 6"	3"

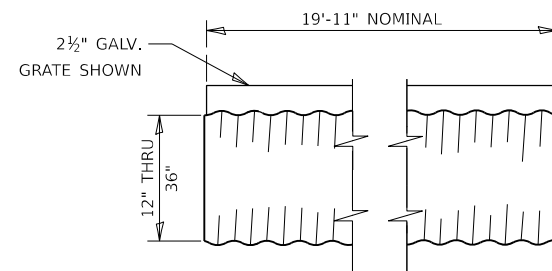
VERT = VERTICAL  
 TRAP = TRAPEZOIDAL

**SLOTTED DRAIN NOTES**

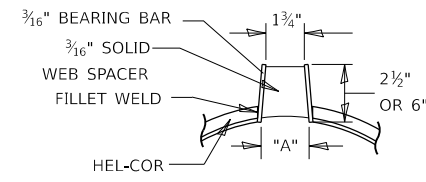
- GRATING IS AVAILABLE IN DEPTHS OF 2 1/2" AND 6".
- VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS IS ALSO AVAILABLE.
- FOR 6" VERTICAL & TRAPEZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 4: TECHCO BAND ANGLE.
- DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
- REFERENCE CONTECH BAND MANUAL DWG NO 1002697 FOR BAND DETAILS.
- REFERENCE CONTECH SLOTTED DRAIN DWG NO 1002697.
- DIMENSIONS FOR H1 AND H2 AS REQUIRED.
- H1 AND H2 MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.



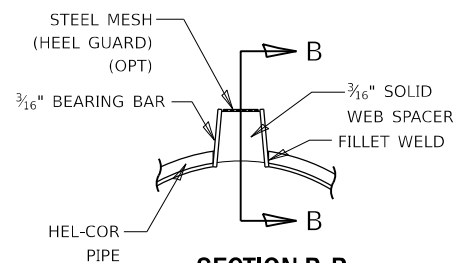
**TOP VIEW**



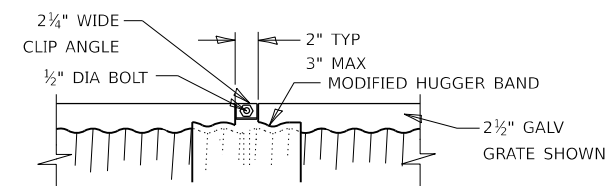
**TYPICAL PIPE SECTION**



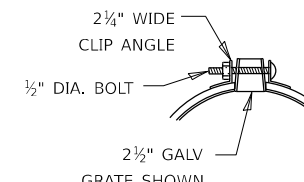
**SECTION A-A  
STANDARD DETAIL**



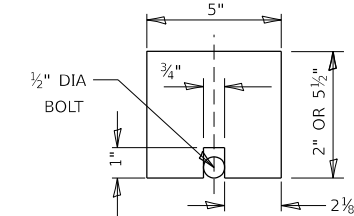
**SECTION B-B  
DETAIL WITH MESH  
(TRAPEZOIDAL GALVANIZED GRATE SHOWN)**



**SIDE VIEW**

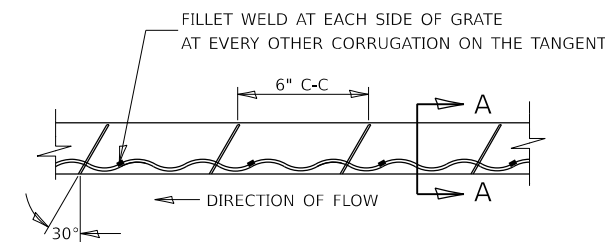


**END VIEW**

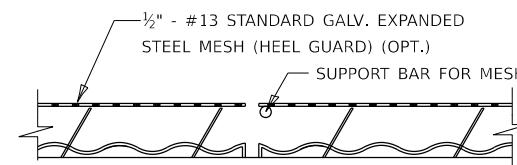


**GAP PLATE (OPTIONAL)**

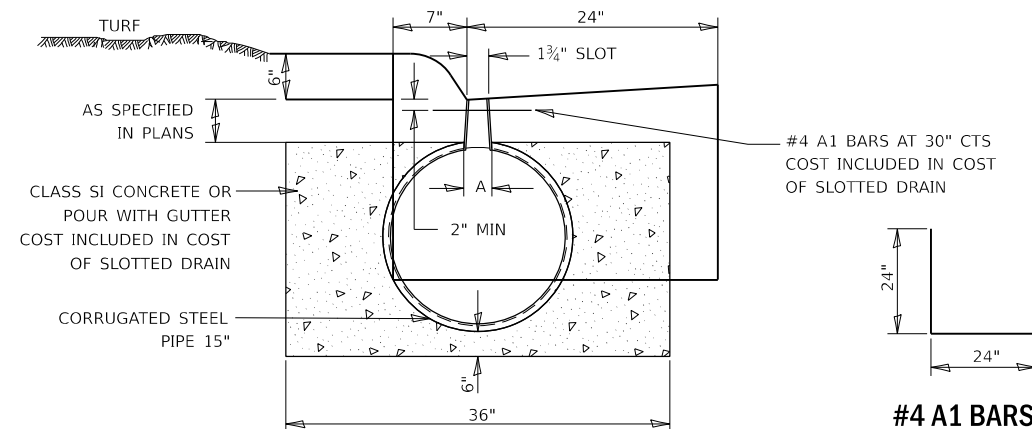
MAY BE PLACED DIRECTLY OVER BAND BOLT TO PROVIDE CONTINUOUS FORM FOR GROUTING



**GRATE WELDING DETAIL**



**SECTION B-B**



**#4 A1 BARS**

MODEL: I-80 Crossover Slotted Drain Details  
 FILE NAME: P:\Bids\2023\I-80\DOT\Documents\DOT Office\Detail\3-CRD\Project\0386\SCADD\Bids\Slotted Drain Details - 03 Work Order 5-I-80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
SLOTTED DRAIN DETAILS**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

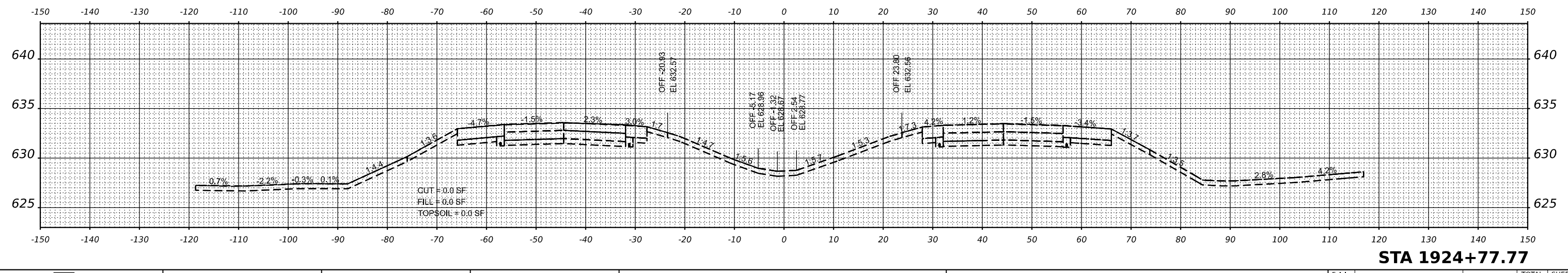
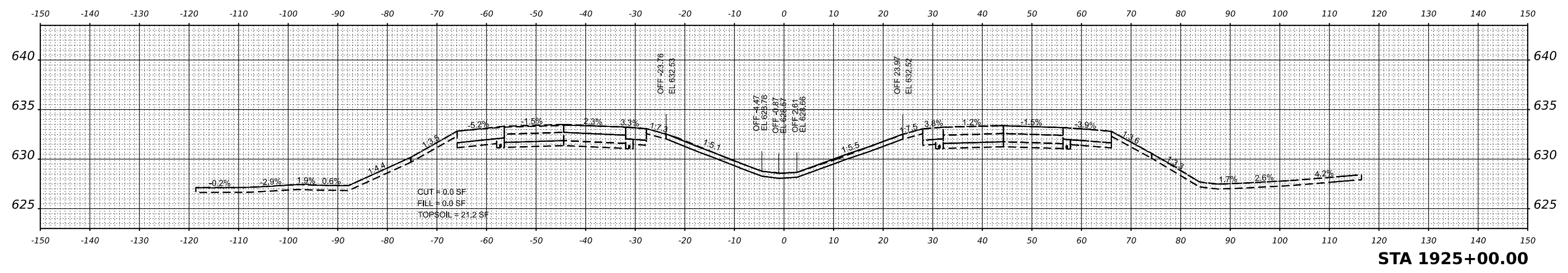
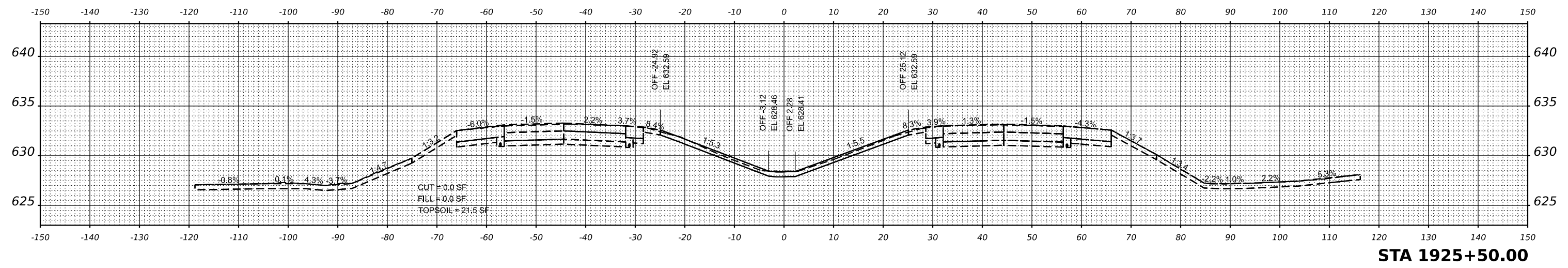
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1.06-2)RS-4,BRR	BUREAU	208	198
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

Long Section Number

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

MODEL: I-80 Crossover Cross Sections - 1924+77.77 (Sheet)  
 FILE NAME: p:\1101-cp-w-jenibg.com\1101\07\Documents\I80 Cross Sections\I80 Cross Sections\Cross Sections\_D3\Work Order 5-I80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

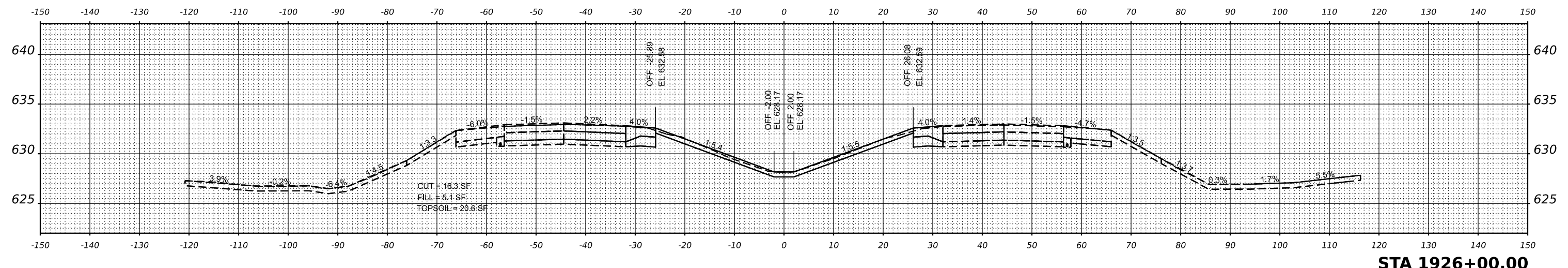
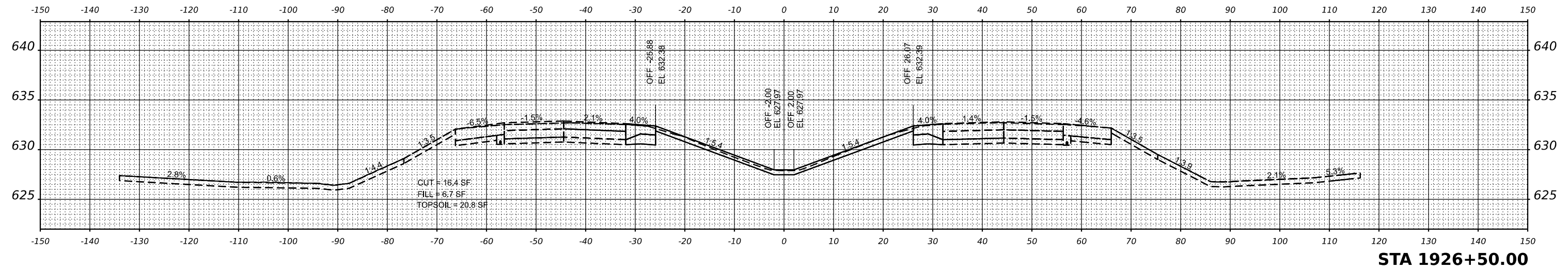
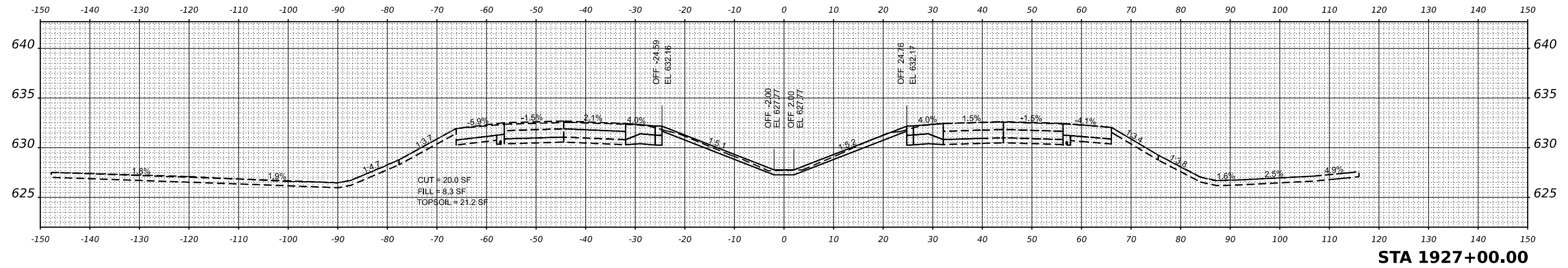
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4.BRR	BUREAU	208	199
CONTRACT NO. 66J65				
ILLINOIS    FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: I-80 Crossover Cross Sections - 1926+00.00 (Sheet)  
 FILE NAME: p:\11010-cw-jenney.com\110107\Documents\DOT Offices\District 3\ORD Projects\366165\CAD\Drawings\Cross Sections\_D3 Work Order 5-I-80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED - _____	REVISED - _____
PLOT SCALE = 0.16666633' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 2/3/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

SCALE: 1"=50'    SHEET 2 OF 10 SHEETS    STA. \_\_\_\_\_

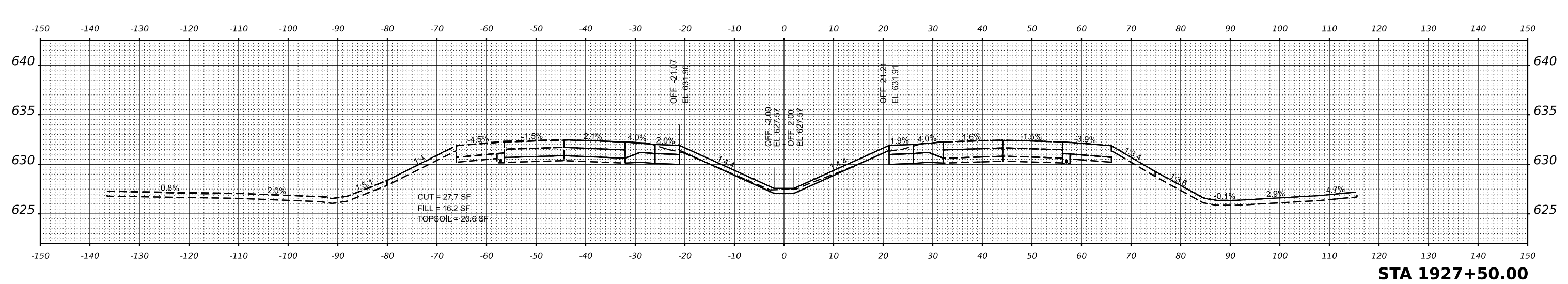
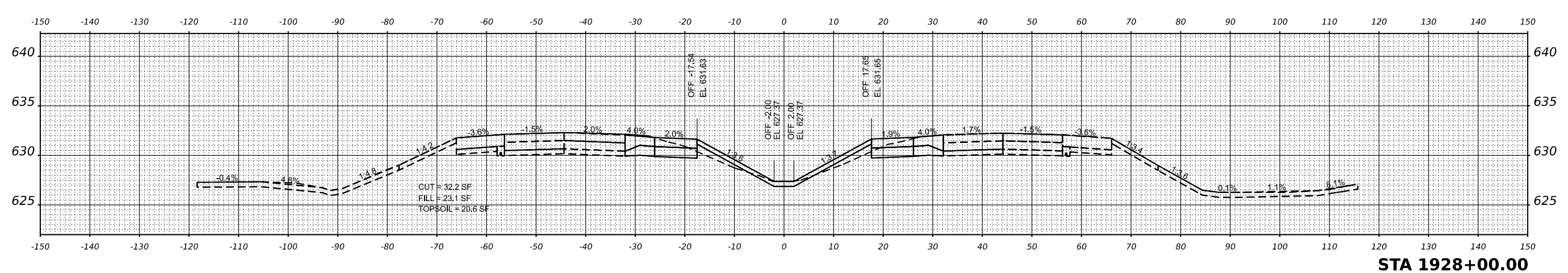
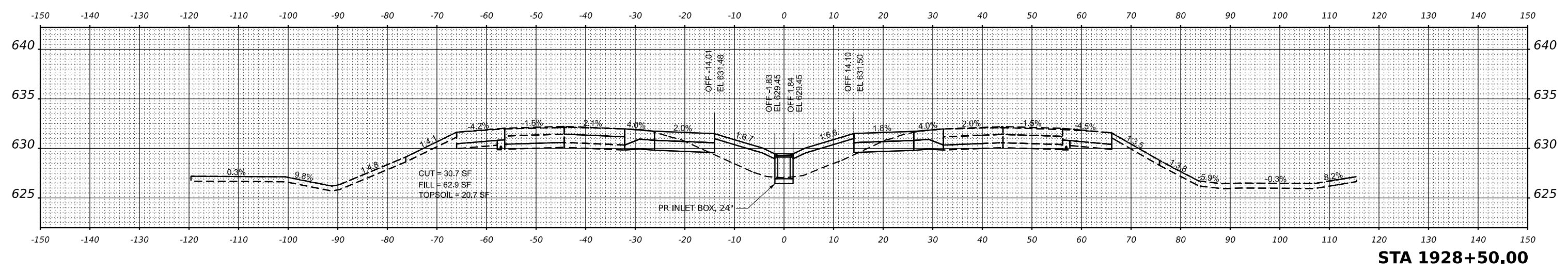
F.A.I. RTE. 80	SECTION (06-1,06-2)RS-4.BRR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 200
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: I-80 Crossover Cross Sections - 1927+50.00 (Sheet)  
 FILE NAME: p:\1101-cw-jenney.com\1101\Documents\DOT Offices\District 3\ORD Projects\366\65\CAD\Drawings\Cross Sections\_D3 Work Order 5 - I-80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/3/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

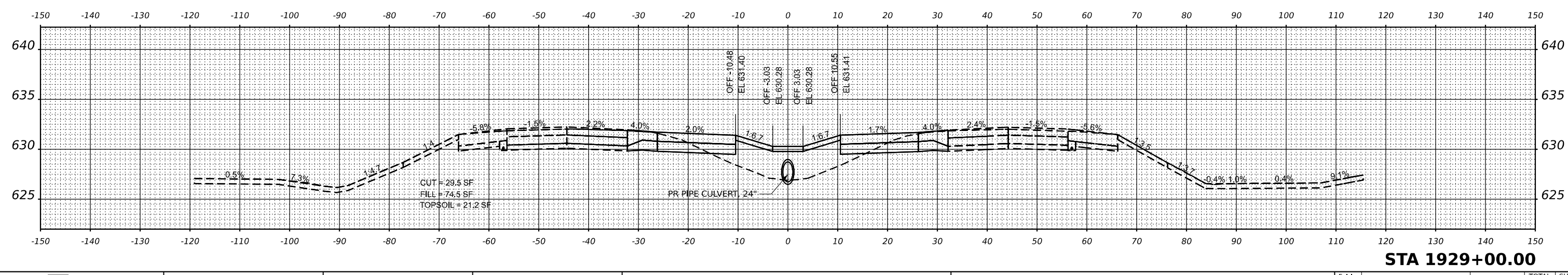
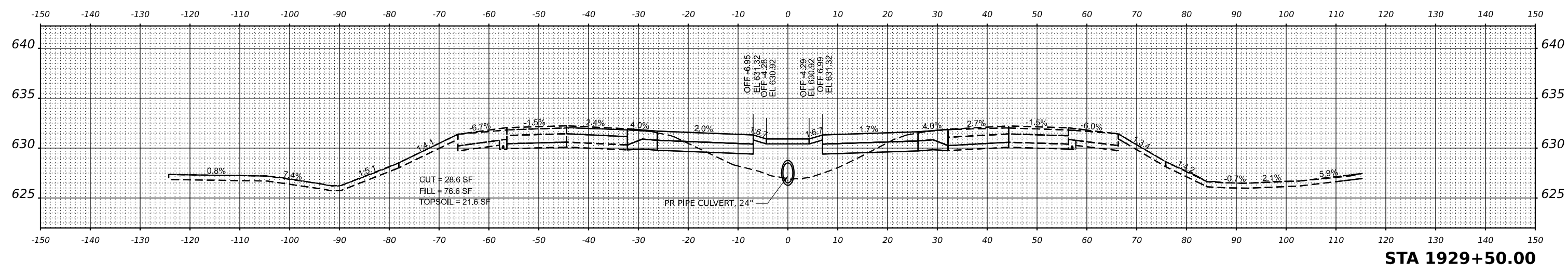
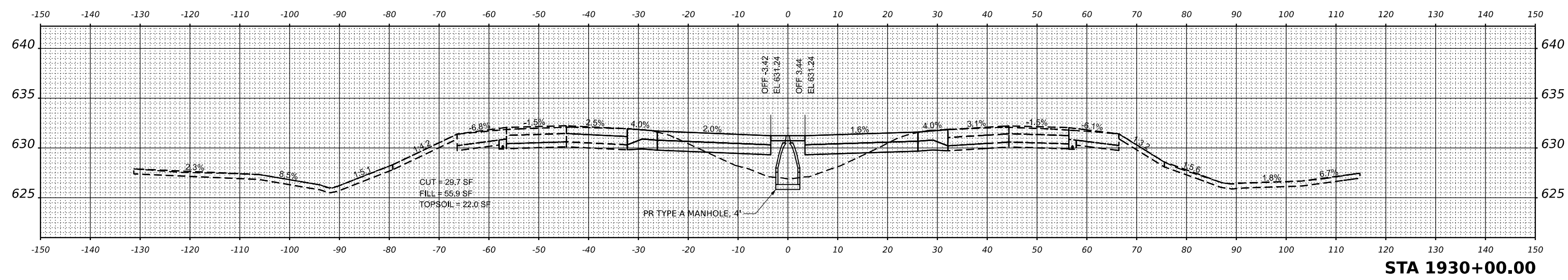
SCALE: 1"=50'    SHEET 3 OF 10 SHEETS    STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4.BRR	BUREAU	208	201
CONTRACT NO. 66J65				
ILLINOIS    FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

MODEL: I-80 Crossover Cross Sections - 1929+00.00 (Sheet)  
 FILE NAME: p:\110101\p\110101\Documents\DOT\Office\District 3\ORD Projects\366165\CAD\Drawings\Cross Sections\_D3 Work Order 5 - I-80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/3/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

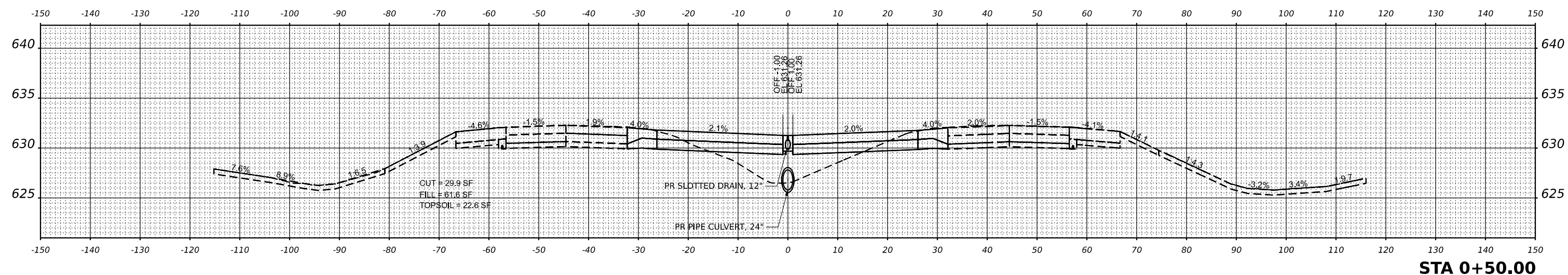
SCALE: 1"=50'    SHEET 4 OF 10 SHEETS    STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4.BRR	BUREAU	208	202
CONTRACT NO. 66J65				
ILLINOIS    FED. AID PROJECT				

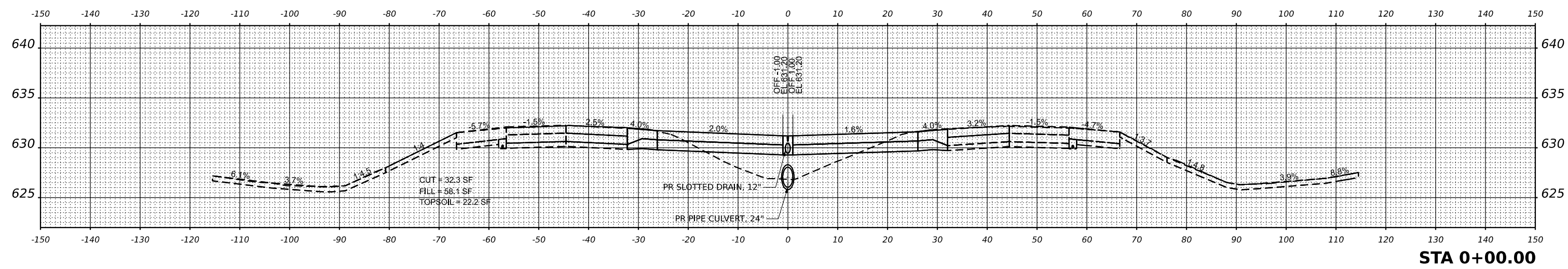
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

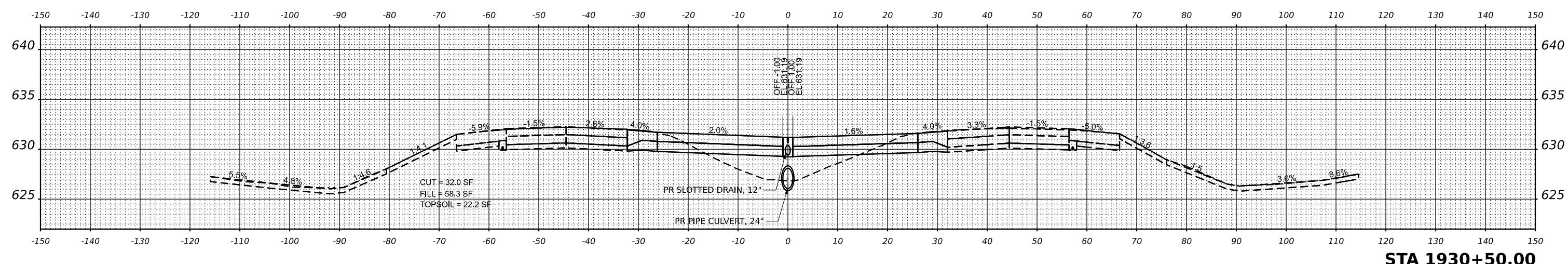
MODEL: I-80 Crossover Cross Sections - 1930+50.00 (Sheet)  
 FILE NAME: p:\110101\p\w\110101\Documents\DOT Offices\District 3\ORD Projects\366165\CAD\Drawings\Cross Sections\_D3 Work Order 5 - I-80 Crossover.dgn



**STA 0+50.00**



**STA 0+00.00**



**STA 1930+50.00**



USER NAME = Joseph.Zagar	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/3/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

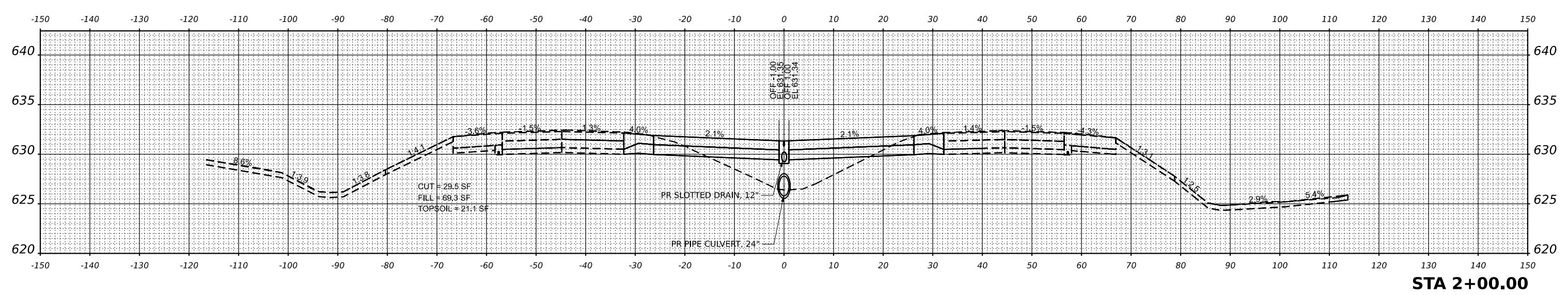
SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4.BRR	BUREAU	208	203
CONTRACT NO. 66J65				
ILLINOIS		FED. AID PROJECT		

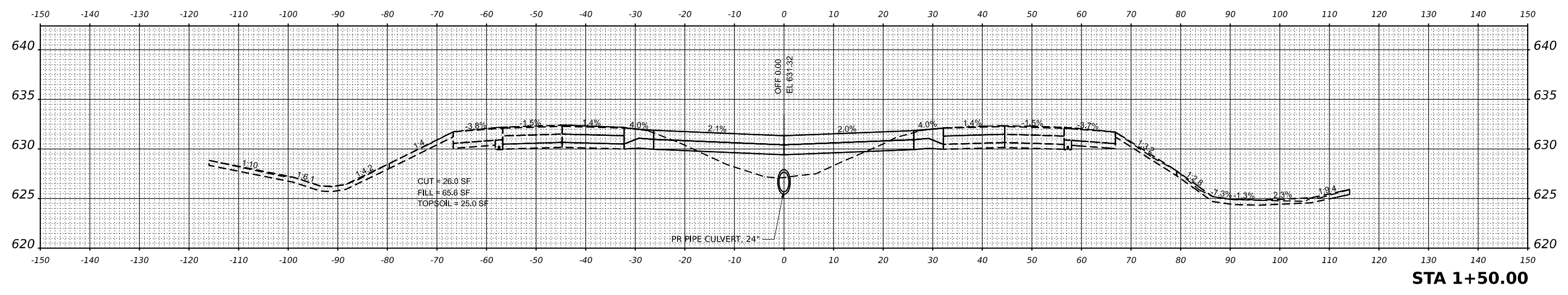
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

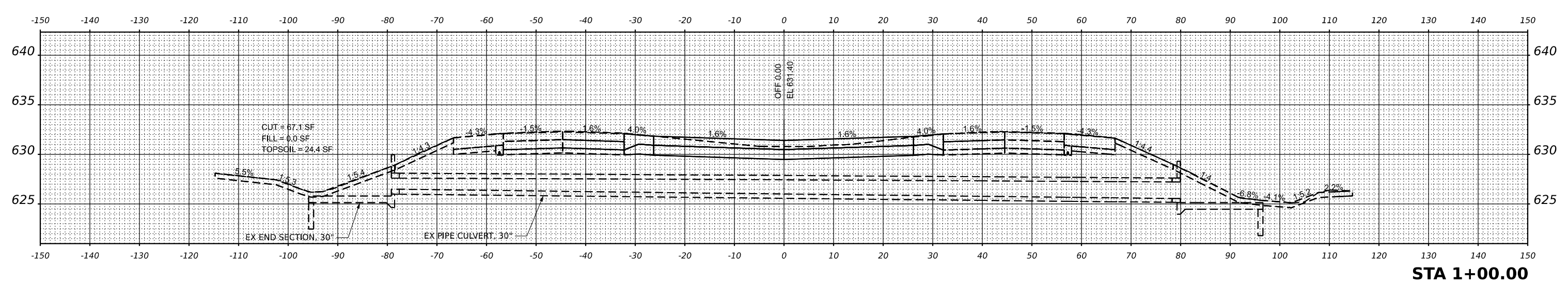
MODEL: I-80 Crossover Cross Sections = B 1+00.00 (Sheet)  
 FILE NAME: p:\1101\p\w\demler.com\1101\1101\Documents\DOT Offices\DISTRICT 3\ORD Projects\DISTRICT 3\ORD Projects\Cross Sections\_D3 Work Order 5 - I-80 Crossover.dgn



**STA 2+00.00**



**STA 1+50.00**



**STA 1+00.00**



USER NAME = Joseph.Zagar	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/3/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
CROSS SECTIONS**

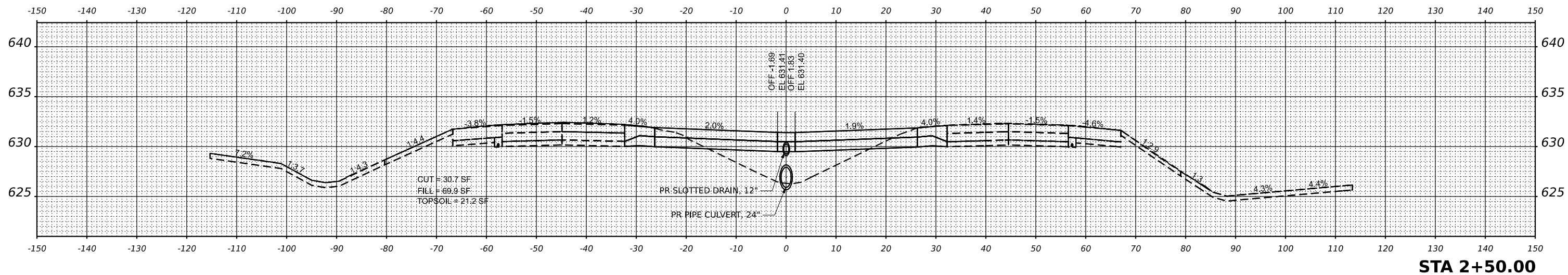
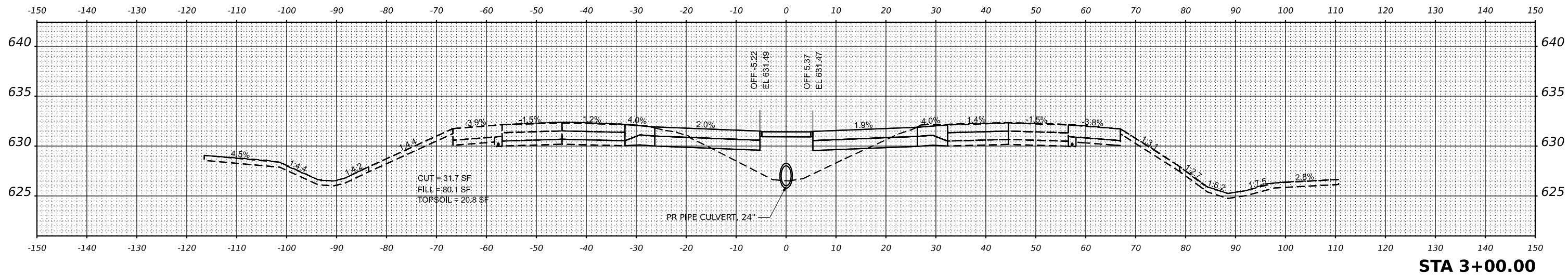
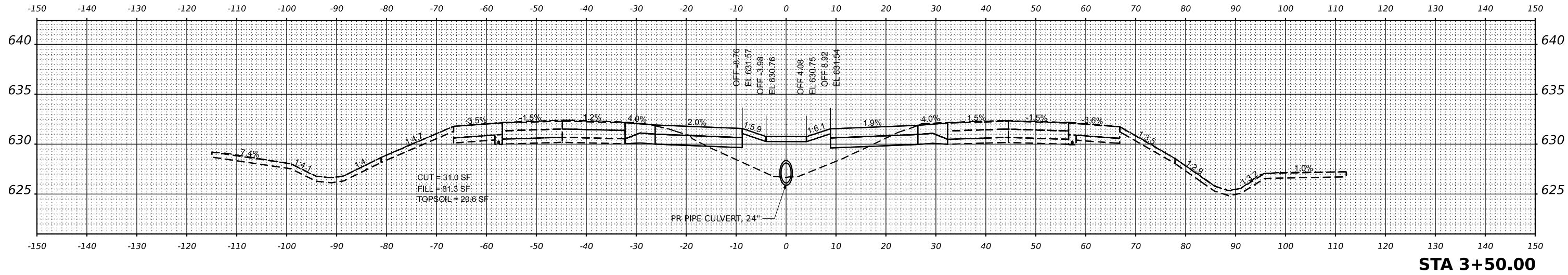
SCALE: 1"=50'      SHEET 6 OF 10 SHEETS      STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4.BRR	BUREAU	208	204
CONTRACT NO. 66J65				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: I-80 Crossover Cross Sections = B 2+50.00 (Sheet 6)  
 FILE NAME: p:\1100-cw-jenney.com\1100\Documents\DOT Offices\DISTRICT 3\ORD Projects\CROSS SECTIONS\Cross Sections\_D3 Work Order 5-I-80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 0.16666633 */in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/3/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

SCALE: 1"=50'

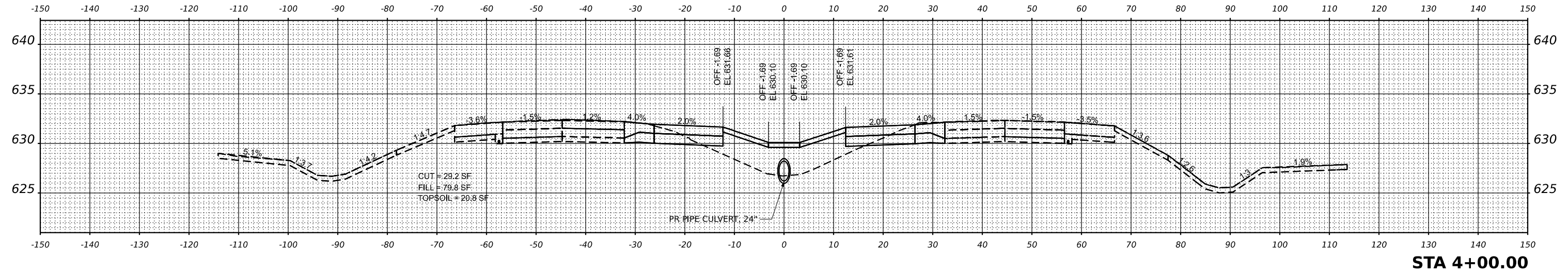
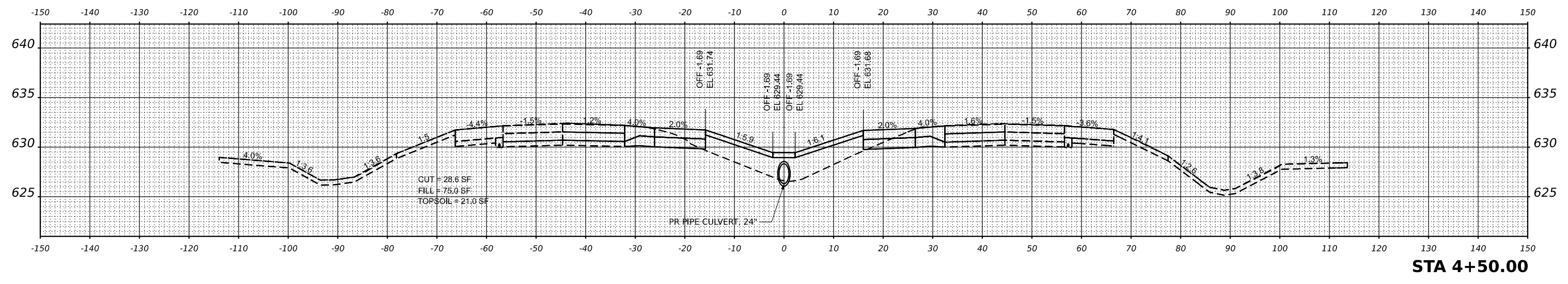
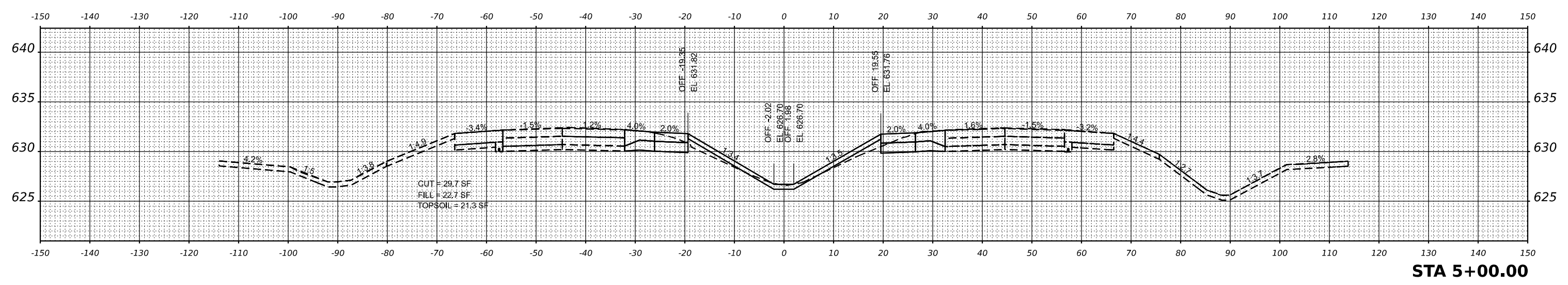
SHEET 7 OF 10 SHEETS STA. \_\_\_\_\_

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,06-2)RS-4.BRR	BUREAU	208	205
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: I-80 Crossover Cross Sections = B 4+00.00 (Sheet) 8  
 FILE NAME: p:\1100-cpw-jenney.com\1100\1100\Documents\DOT Offices\District 3\ORD Projects\District 3\ORD Projects\366\65\CAD\Drawn\CAD Sheets\Cross Sections\_D3 Work Order 5 - I-80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633 */in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

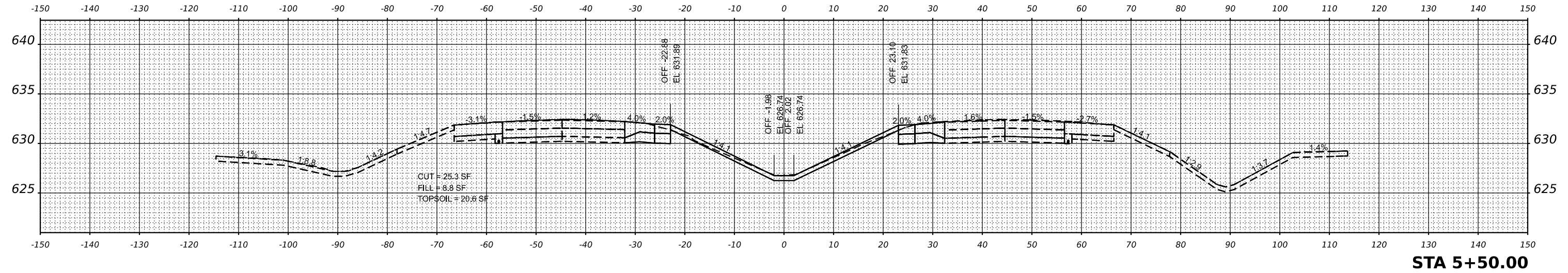
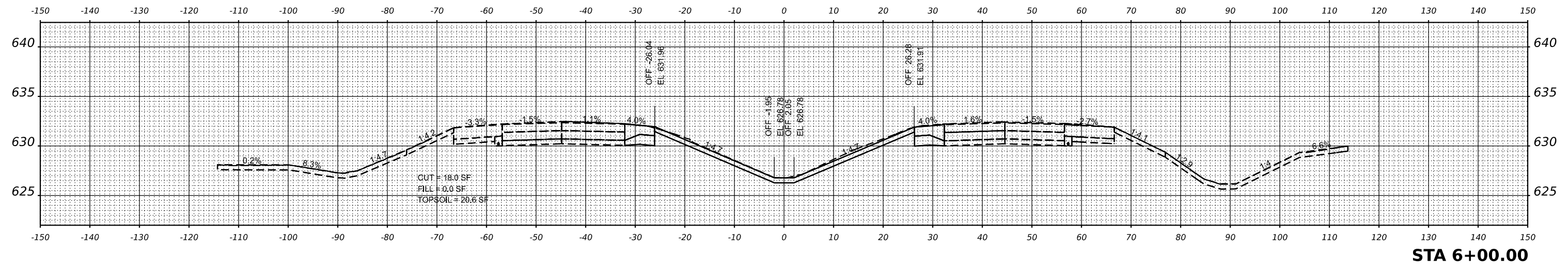
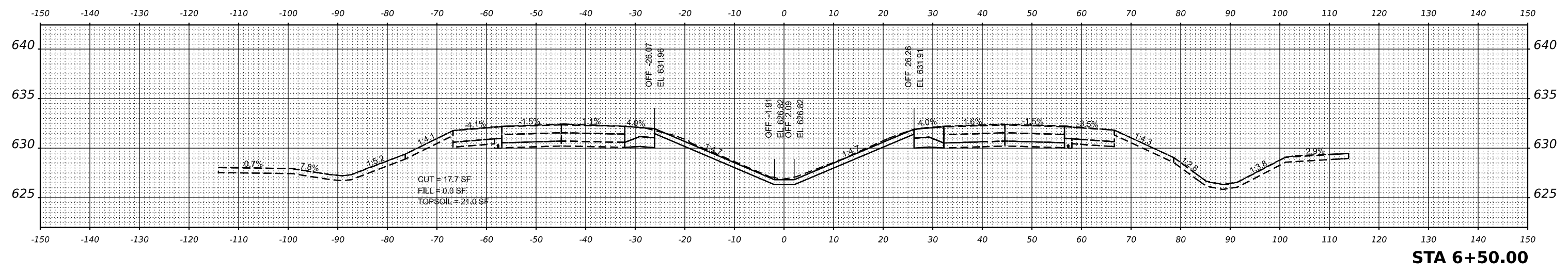
SCALE: 1"=50'    SHEET 8 OF 10 SHEETS    STA. \_\_\_\_\_

F.A.I. RTE. 80	SECTION (06-1,06-2)RS-4.BRR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 206
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: I-80 Crossover Cross Sections - B 5+50.00 (Sheet) 6/23/2023  
 FILE NAME: p:\1100-cpw-jenney.com\1100\1100\Documents\DOT Offices\District 3\ORD Projects\District 3\ORD Projects\366\665\CAD\Drawings\Cross Sections\_D3 Work Order 5 - I-80 Crossover.dgn



USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 */in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**I-80 MEDIAN CROSSOVER  
 CROSS SECTIONS**

SCALE: 1"=50'    SHEET 9 OF 10 SHEETS    STA. \_\_\_\_\_

F.A.I. RTE. 80	SECTION (06-1,06-2)RS-4.BRR	COUNTY BUREAU	TOTAL SHEETS 208	SHEET NO. 207
CONTRACT NO. 66J65				
ILLINOIS FED. AID PROJECT				

