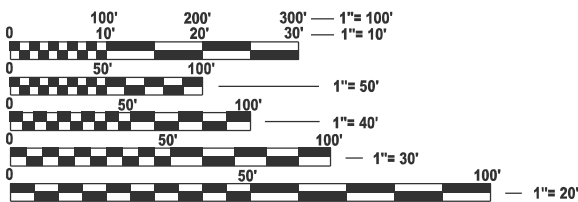


SHEET NO. INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, HIGHWAY STANDARDS & HMA MIX TABLE
3 - 9	SUMMARY OF QUANTITIES
10	TYPICAL SECTION
11 - 16	SCHEDULES
17	STAGING NOTES
18 - 20	STAGING TYPICAL SECTIONS
21 - 26	I-39 PRE-STAGE
27 - 31	I-39 STAGE 1
32 - 36	I-39 STAGE 2
37 - 43	I-80 PRE-STAGE
44 - 46	I-80 STAGE A
47 - 49	I-80 STAGE B
50	BRIDGE MOUNTED SIGN ELEVATION VIEW
51	SIGN DETAIL
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FOR LIST OF HIGHWAY STANDARDS SEE SHEET 2



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS 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

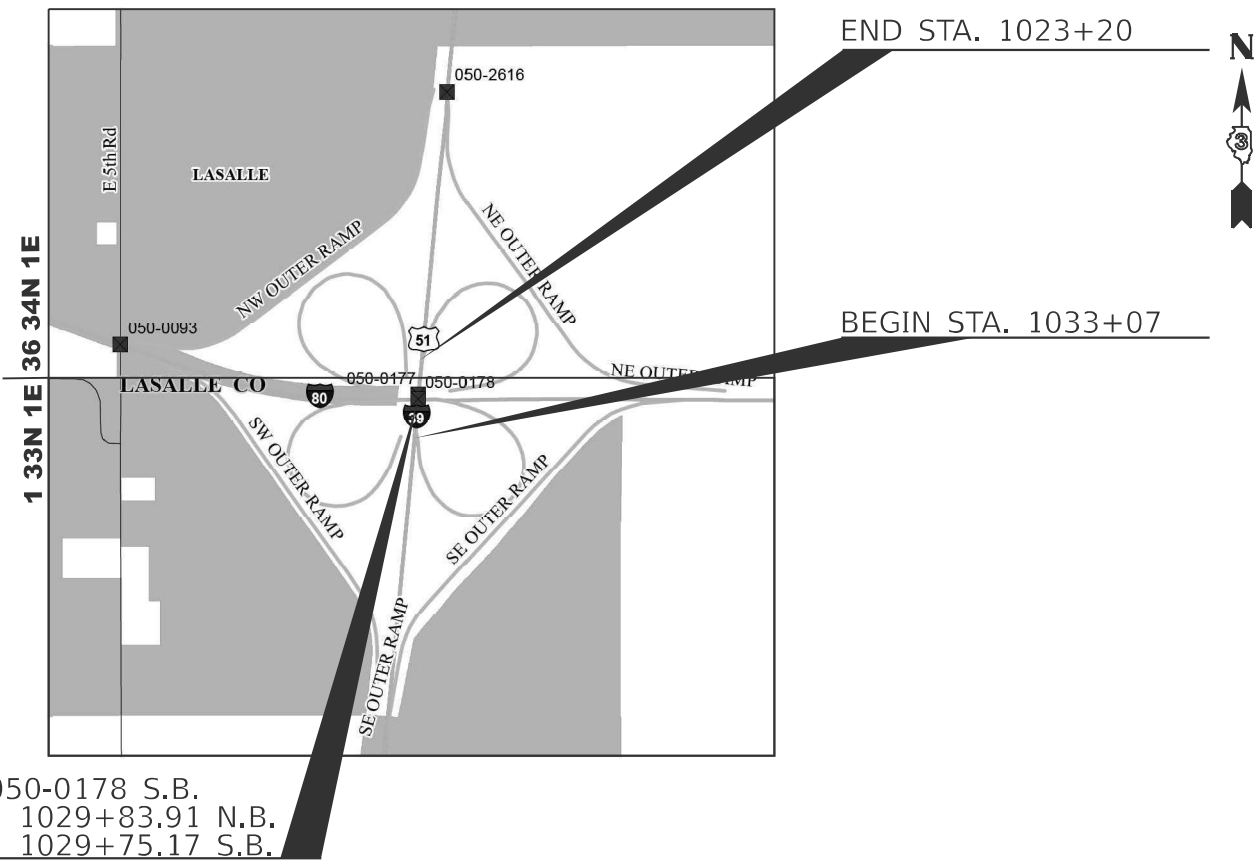
PROJECT ENGINEER JOSEPH E. KANNEL, P.E.
UNIT CHIEF STEPHENIE CARMIN

CONTRACT NO. 66N36

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAI ROUTE 39 (I-39)
SECTION (50-5HB)BJR,BDR
PROJECT BR-TZDH(986)
LATEX OVERLAY, EXPANSION JOINTS, & DECK REPAIRS
LASALLE COUNTY
C-93-060-23

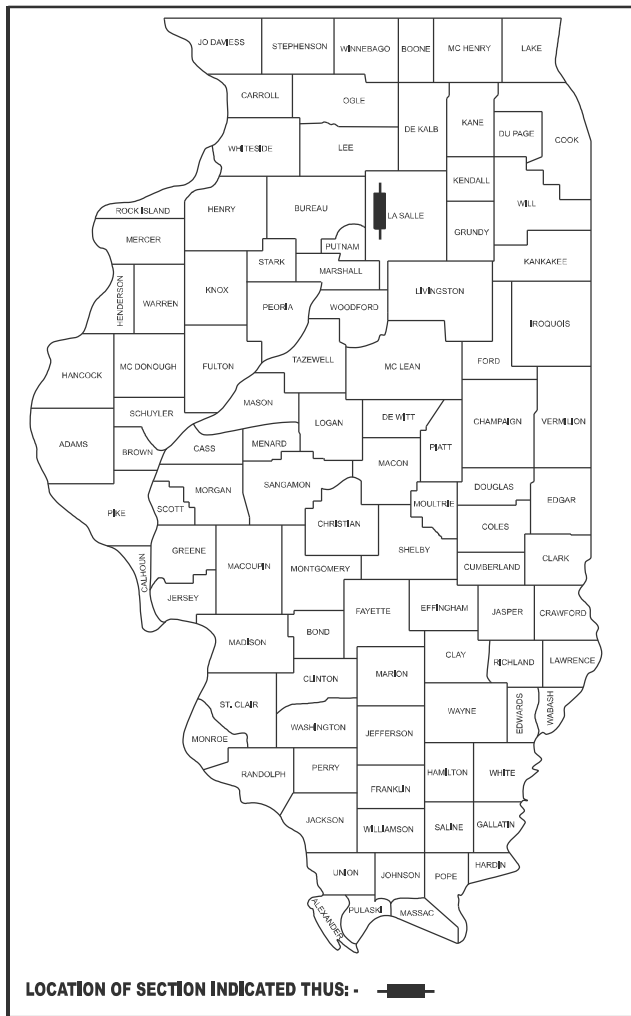


SN 050-0177 N.B. & SN 050-0178 S.B.
STA. 1027+29.91 TO STA. 1029+83.91 N.B.
STA. 1027+21.17 TO STA. 1029+75.17 S.B.

GROSS LENGTH = 465.12FT. = 0.0881 MILE
NET LENGTH = 465.12 FT. = 0.0881 MILE

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5HB)BJR,BDR	LASALLE	91	1
		ILLINOIS	CONTRACT NO. 66N36	

D-93-041-23



INTERSTATE
2024 ADT = 19600
P.V.=55.44%
S.U.=3.7%
M.U.=40.86%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 31, 2025
Trisha Thompson REGIONAL ENGINEER
May 9, 2025
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT
May 9, 2025
Chadley 5 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442001-04	CLASS A PATCHES
442201-03	CLASS C AND D PATCHES
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 INCH
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS $\geq$ 45 MPH
701426-09	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\geq$ 45 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

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

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

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

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

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

HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
BINDER (HAND METHOD)	0.0005	TONS / SQ YD

NO MEMBERS OF JULIE ARE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT.

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE
IMPROVEMENT ARE: ILLINOIS STATE POLICE (LISCENSE PLATE READER) & IDOT (LIGHTING)

COMMITMENTS

NONE

HMA MIXTURE REQUIREMENT TABLE

HMA MIXTURE REQUIREMENT TABLE			
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SHOULDER 8" BOTTOM 2 LIFTS	HMA SHOULDER 8" TOP LIFT (1.75")	LONGITUDINAL JOINT PARTIAL DEPTH PATCHING
BINDER GRADE (PG):	SBS PG70-28	SBS PG70-28	SBS PG70-28
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:		MIXTURE D	MIXTURE D
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA
SUBLOT SIZE:	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	NO	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

GENERAL NOTES

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5HB)BJR,BDR	LASALLE		
		CONTRACT NO. 66N36		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: c:\pw_work\pwddoc\carmin\sa0807023066N36 - Summary of Quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				BRIDGE
				0047 050-0177/0178
28100105	STONE RIPRAP, CLASS A3	SQ YD	169	169
28200200	FILTER FABRIC	SQ YD	169	169
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5024	5024
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1	1
42001300	PROTECTIVE COAT	SQ YD	3173	3173
44004250	PAVED SHOULDER REMOVAL	SQ YD	10230	10230
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SQ YD	89	89
44200632	CLASS A PATCHES, TYPE IV, 15 INCH	SQ YD	233	233
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	33	33
44213000	PATCHING REINFORCEMENT	SQ YD	322	322
44213200	SAW CUTS	FOOT	432	432
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	10230	10230
50102400	CONCRETE REMOVAL	CU YD	63.7	63.7
50157300	PROTECTIVE SHIELD	SQ YD	1271	1271

* SPECIALITY ITEMS

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				39	(50-5HB)BJR,BDR	LASALLE	91	3
		CHECKED -	REVISED -				CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				BRIDGE
				0047
				050-0177/0178
50300100	FLOOR DRAINS	EACH	16	16
50300225	CONCRETE STRUCTURES	CU YD	7.1	7.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	68.4	68.4
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12870	12870
50800515	BAR SPLICERS	EACH	52	52
50800530	MECHANICAL SPLICERS	EACH	20	20
52000110	PREFORMED JOINT STRIP SEAL	FOOT	215	215
58700300	CONCRETE SEALER	SQ FT	7261	7261
60500305	FILLING INLETS	EACH	4	4
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1100	1100
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	962.5	962.5

* SPECIALITY ITEMS

	USER NAME = Stephenie,Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	4
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED.AID PROJECT	

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				BRIDGE
				0047 050-0177/0178
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	7399	7399
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1	1
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8	8
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15
70106700	TEMPORARY RUMBLE STRIPS	EACH	32	32
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	90322	90322
70303140	TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE	FOOT	615	615
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1262.5	1262.5

* SPECIALITY ITEMS

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	5
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED.AID PROJECT

MODEL: Default
FILE NAME: c:\p\work\pwid\carminsa\0870230\66N36 - Summary of Quantities.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				BRIDGE
				0047 050-0177/0178
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1262.5	1262.5
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	32.5	32.5
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	2	2
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6800	6800
* 78004645	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 9"	FOOT	4833	4833
* 78004655	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 11"	FOOT	3793	3793
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	19001	19001
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	25801	25801
* 78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	4833	4833
* 78011060	GROOVING FOR RECESSED PAVEMENT MARKING 12"	FOOT	3793	3793
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	28	28

* SPECIALITY ITEMS

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	6
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED.AID PROJECT	

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				BRIDGE
				0047 050-0177/0178
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	14	14
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	138779	138779
X0325748	ACRYLIC COATING	SQ YD	58	58
X0325749	FIBER WRAP	SQ FT	259	259
X4210307	WIDE FLANGE BEAM TERMINAL JOINT REPAIR (SPECIAL)	EACH	2	2
X4405020	LONGITUDINAL PARTIAL DEPTH REMOVAL 2"	FOOT	420	420
X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	10	10
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	2385	2385
X5110308	SLOPE WALL CRACK SEALING	FOOT	1147	1147
X5110310	SLOPE WALL REPAIR	SQ YD	7	7
X5110312	SLOPE WALL SLURRY PUMPING	CU YD	5	5
X6050170	PLUG EXISTING PIPE	CU YD	1.8	1.8
* X6310179	TRAFFIC BARRIER TERMINAL, TYPE 5 (SPECIAL)	EACH	2	2
X6333500	TRAFFIC BARRIER TERMINAL REMOVAL	EACH	12	12

* SPECIALITY ITEMS

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	7
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Default
FILE NAME: c:\p\p\work\p\work\carminsa\00870230\66N36 - Summary of Quantities.dgn

				CONSTR. CODE
				90% FED 10% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE
				0047
				050-0177/0178
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	26	26
X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	338	338
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
X7010239	CHANGEABLE MESSAGE SIGN (SPECIAL)	CAL WK	360	360
X7011858	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	200	200
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	186	186
X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	186	186
X8430100	REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE	FOOT	66	66
* X8570002	SMART TRAFFIC MONITORING SYSTEM	CAL WK	40	40
* X8570004	SMART TRAFFIC MONITORING DEVICE	CAL WK	200	200
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	2916	2916
Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SQ YD	2802	2802
Z0010400	CLEANING BRIDGE SEATS	SQ FT	857	857
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	2802	2802

* SPECIALITY ITEMS

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	8
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED.AID PROJECT	

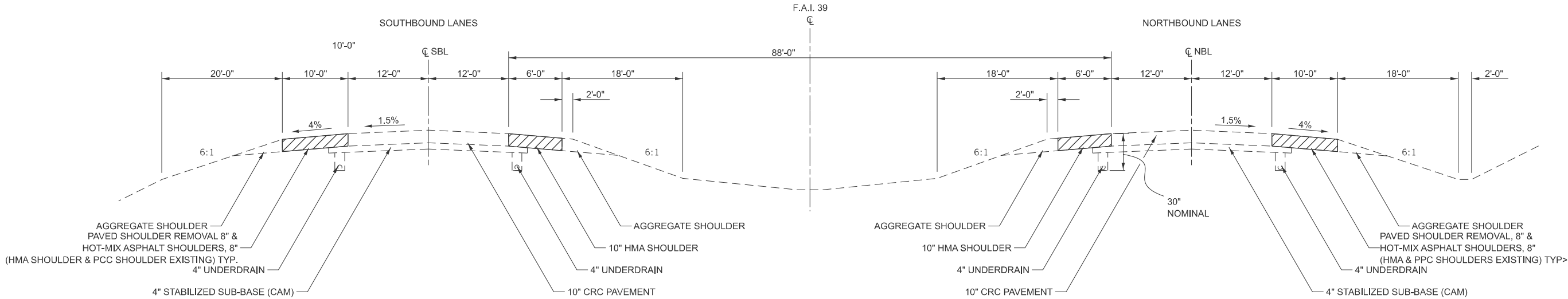
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				BRIDGE
				0047 050-0177/0178
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	574	574
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	6	6
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	5	5
Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	59	59
Z0018913	DRILL AND GROUT #8 TIE BARS	EACH	208	208
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	2585	2585
Z0043800	PRECAST PRESTRESSED CONCRETE I-BEAM REPAIR	SQ FT	7	7
Z0053750	RETROFIT CONCRETE PARAPET	FOOT	1014	1014

* SPECIALITY ITEMS

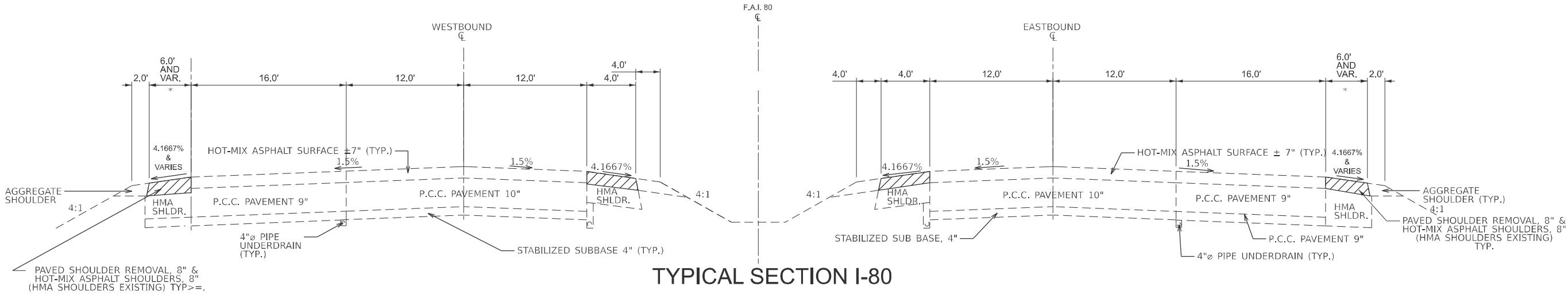
	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	9
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

NOTE:
HMA SHOULDER 8" PAVEMENT LIFT THICKNESS AND TACK COAT PLACEMENT DESCRIPTION:
1¾" TOP LIFT
- TACK COAT
2¼" MIDDLE LIFT
- TACK COAT
4" BOTTOM LIFT



TYPICAL SECTION I-39

SOUTHBOUND NORTHBOUND
STA. 1016+21.28 TO STA. 1032+76.56 STA. 1018+35.63 TO STA. 1040+16.15



TYPICAL SECTION I-80

WESTBOUND EASTBOUND
STA. 754+03.31 TO STA. 766+57.29 STA. 751+78.42 TO STA. 765+71.48

* FOLLOW GEOMETRY ON I-80 PRE-STAGE PLANS TO INCLUDE GORE RESURFACING

MODEL: Default
FILE NAME: c:\pwworking\camlin\sa\08702306N36 - Typical.dgn

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE		
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: c:\pwwork\pwwork\carminsa\0870230\66N36 - Schedules.dgn

PERMANENT PAVEMENT MARKING SCHEDULE I 39										
LOCATION				MOD. URETHANE PAVEMENT MARKING - LINE		PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD LINE		GROOVING FOR RECESSED PAVEMENT MARKING		
				6"		9"	11"	7"	10"	12"
				WHITE	YELLOW	CONTRAST				
ROADWAY	STA	STA	REMARKS	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
I-39	1015+31.20	1063+18.40	SOUTHBOUND	4,787.2	4,787.2	1,196.8	1,398.9	9,574.4	1,196.8	1,398.9
I-39	993+87.01	1041+00.37	NORTHBOUND	4,713.4	4,713.4	1,178.3	1,544.3	9,426.7	1,178.3	1,544.3
TOTALS				19,001		2,375	2,943	19,001	2,375	2,943

PERMANENT PAVEMENT MARKING SCHEDULE I 80										
LOCATION				THERMOPLASTIC PAVEMENT MARKING - LINE		PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD LINE		GROOVING FOR RECESSED PAVEMENT MARKING		
				6"		9"	11"	7"	10"	12"
				WHITE	YELLOW	CONTRAST				
ROADWAY	STA	STA	REMARKS	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
I-80	753+03.42	770+03.42	WESTBOUND	1,700	1,700	1,125.3	425.0	3,400.0	1,125.3	425.0
I-80	751+53.42	768+53.49	EASTBOUND	1,700	1,700	1,332.5	425.0	3,400.1	1,332.5	425.0
TOTALS				6,800		2,458	850	6,800	2,458	850

PAVING SCHEDULE							
LOCATION				BITUMINOUS MATERIALS (TACK COAT)	PAVED SHOULDER REMOVAL, 8"	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS, 16 INCH
ROADWAY	STA	STA	REMARKS	POUND	SQ YD	SQ YD	FOOT
I-39	1016+21.28	1032+76.56	SOUTHBOUND	525.53	1,167.83	1,167.83	359.60
I-39	1018+35.63	1040+16.15	NORTHBOUND	818.83	1,819.60	1,819.60	920.40
			I-39 SUBTOTAL	1,344.36	2,987.43	2,987.43	1,280.00
			USE	1,345	2,988	2,988	1,280
I-80	750+02.56	773+53.23	WESTBOUND	1608.86	3575.25	3575.25	3016.81
I-80	748+04.94	772+08.42	EASTBOUND	1649.89	3666.40	3666.40	3101.2
			I-80 SUBTOTAL	3258.75	7,241.65	7,241.65	6118.01
			USE	3,259	7,242	7,242	6,119
TOTALS				4,604	10,230	10,230	7,399

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	11
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED.AID PROJECT	

MODEL: Default
FILE NAME: c:\p\p\work\p\work\carminsa\0870230\66N36 - Schedules.dgn

FAI 39 (I 39) PATCHING SCHEDULE																
LOCATION	DESCRIPTION	PATCH LENGTH	PATCH WIDTH	PATCH AREA	PATCH AREA	CLASS A		PATCH REINFORCEMENT	SAW CUTS	LONG PART DEPTH PATCH REMOVAL	BIT MAT (TACK COAT)	MIX FOR CRACKS, JOINTS & FLGWYS	LONG PART DEPTH PATCH	DRILL AND GROUT #6 TIE BARS	DRILL AND GROUT #8 TIE BARS	WIDE FLANGE BEAM TERMINA L JOINT REPAIR (SPECIAL)
						TYPE IV 8"	TYPE IV 15"									
STATION		FEET	FEET	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	POUNDS	TON	TON	EACH	EACH	EACH
SOUTHBOUND																
1024+00	DIAGONAL LANE JOINT RAMP LOOP B	100	2	200	22					100	100	0.01	2			
1024+50	JOINT - DL & RAMP LOOP B	85	2	170	19					85	85	0.01	2			
1026+05	JOINT DL & RAMP LOOP B	25	2	50	6					25	25	0.00	1			
1026+30	RAMP LOOP B	30	16	480	53		53	53	92					10	32	
1026+60	JOINT DL & RAMP LOOP B	55	2	110	12					55	55	0.00	1	18	32	
NO PATCHES WITHIN 5 FEET OF STRUCTURE 050-0178 FROM BACK OF BENT NO. 1 STA. 1027+20.67 TO BACK OF BENT NO. 2 1029+75.67																
1030+00	JOINT DL & RAMP LOOP A	30	2	60	7					30	30	0.00	1			
1030+50	RAMP LOOP A	30	16	480	53		53	53	92					10	32	
1031+02	WIDE FLANGE BEAM TERMINAL JOINT - REPAIR- ALL LANES	6	45	270	30		30	30	36						24	1
1031+08	RAMP LOOP A	40	20	800	89	89		89	120					13	40	
SB SUBTOTALS						89	106	195	304	295	295	0.02	7	51	136	1
NORTHBOUND																
1025+50	JOINT - DL & RAMP LOOP C	60	2	120	13					60	60	0.00	1			
1026+03	RAMP LOOP C	50	16	800	89		89	89	132					16	32	
1026+53	JOINT - DL & RAMP LOOP C	50	2	100	11					50	50	0.00	1			
NO PATCHES WITHIN 5 FEET OF STRUCTURE 050-0177 FROM BACK OF BENT NO. 1 STA. 1027+29.41 TO BACK OF BENT NO. 2 1029+84.41																
1029+95	JOINT - DL & RAMP LOOP D	50	2	100	11					50	50	0.00	1			
1030+45	RAMP LOOP D	15	16	240	27		27	27	54							
1031+12	WIDE FLANGE BEAM TERMINAL JOINT - REPAIR- ALL LANES	6	36	216	24		24	24	84						72	1
1031+18	PATCH ACROSS PL DL AND RAMP LOOP D	25	36	900	100		100	100	14					8	12	
1031+38	JOINT - DL & RAMP LOOP D	75	2	150	17					75	75	0.01	2			
NB SUBTOTALS						0	127	127	128	125	125	0.01	3	8	72	1
TOTALS						89	233	322	432	420	420	0.03	10	59	208	2

NOTE: X BOXED QUANTITIES ARE FOR INFORMATION ONLY AND ONLY PAID UNDER WIDE FLANGE BEAM TERMINAL JOINT REPAIR (SPECIAL)

SMART TRAFFIC CONTROL SCHEDULE		
DESCRIPTION	UNIT	QTY
REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	200
CHANGEABLE MESSAGE SIGN (SPECIAL)	CAL WK	360
SMART TRAFFIC MONITORING SYSTEM	CAL WK	40
SMART TRAFFIC MONITORING DEVICE	CAL WK	200
TRAFFIC CONTROL SURVEILLANCE	CAL DA	15
TEMPORARY RUMBLE STRIPS	EACH	4

MODEL: Defra FILE NAME: G30	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	12	
		CHECKED -	REVISED -					CONTRACT NO. 66N36					
	PLOT DATE = 3/28/2025	DATE -	REVISED -					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
	ILLINOIS FED. AID PROJECT												

GUARDRAIL SCHEDULE													
LOCATION				STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	TRAFFIC BARRIER TERMINAL REMOVAL	LINEAR DELINEATOR PANELS, 4 INCH
ROADWAY	STA	STA	REMARKS	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH
I-39	1026+03.17	1027+16.43	SB OUTSIDE	87.5	1	1			4				4
I-39	1026+28.63	1027+03.63	SB OUTSIDE							75.0		2	
I-39	1029+67.63	1030+07.02	SB OUTSIDE	262.5			1	1	5		1		5
I-39	1029+72.98	1030+12.37	SB INSIDE	212.5			1	1	5		1		4
I-39	1030+13.67	1031+76.17	SB INSIDE							162.5		2	
I-39	1030+14.09	1032+51.59	SB OUTSIDE							237.5		2	
I-39	1026+93.49	1027+32.88	NB OUTSIDE	262.5			1	1	5		1		5
I-39	1026+97.63	1027+37.02	NB INSIDE	212.5			1	1	5		1		4
I-39	1024+49.53	1026+87.03	NB OUTSIDE							237.5		2	
I-39	1025+04.54	1027+04.54	NB INSIDE							200		2	
I-39	1029+88.34	1030+01.61	NB OUTSIDE	62.5	1	1			4				4
I-39	1030+01.41	1030+51.41	NB OUTSIDE							50		2	
TOTALS				1,100.0	2	2	4	4	28	962.5	4	12	26

MODEL: Default
FILE NAME: c:\p\p\work\p\work\carminsa\0870230\66N36 - Schedules.dgn

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						39	(50-5HB)BJR,BDR	LASALLE	91	13
		CHECKED -	REVISED -						CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED.AID PROJECT		

CONCRETE BARRIER SCHEDULE								
LOCATION				TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	LINEAR DELINEATOR PANELS, 6 INCH
ROADWAY	STA	STA	REMARKS	FOOT	FOOT	EACH	EACH	EACH
STAGE 1								
I-39	1026+64.00	1033+01.50	SOUTHBOUND	631.00		1		52
I-39	1024+05.50	1030+43.00	NORTHBOUND	627.60		1		100
			I-39 SUBTOTALS	1,258.60	0	2	0	152
			USE	1,262.5	0	2	0	152
STAGE 2								
I-39	1026+72.00	1032+34.50	SOUTHBOUND	555.80				88
I-39	1024+82.50	10305+32.50	NORTHBOUND	544.89				86
			STAGE NEED	1,100.69		2		
			PRIOR STAGE	1,258.60	1,258.60	2	2	
			NET	-157.91		0		
			I-39 SUBTOTALS	-157.91	1,258.60	0	2	174
			USE	-150.0	1,262.5	0	2	174
PARAPETS								
I-39	1027+16.55	1029+71.3	SB OUTSIDE					3
I-39	1027+21.91	1029+76.53	SB INSIDE					3
I-39	1027+34.41	1029+89.14	NB OUTSIDE					3
I-39	1027+29.23	1029+84.23	NB INSIDE					3
			I-39 SUBTOTALS	0.00	0.00	0	0	12
TOTALS				1,262.5	1,262.5	2	2	338

MODEL: Default
FILE NAME: c:\p\work\pwt\carminsa\0870230\66N36 - Schedules.dgn

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				39	(50-5HB)BJR,BDR	LASALLE	91	14
		CHECKED -	REVISED -				CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS	FED.AID PROJECT	

TEMPORARY PAVEMENT MARKING SCHEDULE 1/2										
LOCATION				TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY RUMBLE STRIPS	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT
ROADWAY	STA	STA	REMARKS	FOOT	FOOT	EACH	SQ FT	EACH	EACH	EACH
I-39 EXISTING										
I-39	1000+40.18	1061+95.63	SOUTHBOUND				6699.2			
I-39	989+20.66	1056+37.83	NORTHBOUND				5325.6			
			I-39 EXISTING SUBTOTALS	0.0	0.0	0.0	12024.8	0.0	0.0	0.0
			USE	0	0	0	12,025	0	0	0
I-39 PRE-STAGE										
I-39	1000+40.18	1061+95.63	SOUTHBOUND	8,959.7	52	7	9,011.4		51	
I-39	989+20.66	1056+37.83	NORTHBOUND	10,118.0	54	7	10,172.2	10,172.2	49	
			I-39 PRE-STAGE SUBTOTALS	19,077.7	105.9	14.0	19,183.6		100	0
			USE	19,078	106	14	19,184		100	0
I-39 STAGE 1										
I-39	1018+52.01	1056+37.83	SOUTHBOUND	7,094.7			7,094.6	4		
I-39	1000+40.18	1038+91.59	NORTHBOUND	7,020.4			7,020.4	4		
			I-39 STAGE 1 SUBTOTALS	14,115.1	0.0	0.0	14,115.0	8	0	0
			USE	14,116	0	0	14,115	8	0	0
I-39 STAGE 2										
I-39	1020+04.60	1041+63.69	SOUTHBOUND	7,088.9			7,088.9	4		51
I-39	1005+57.93	1037+11.99	NORTHBOUND	7,256.4			7,256.4	4		49
			I-39 STAGE 3 SUBTOTALS	14,345.3	0.0	0.0	14,345.3	8	0	100
			USE	14,346	0	0	14,346	8	0	100
I-39 POST STAGE 2										
I-39	1020+04.60	1041+63.69	SOUTHBOUND				7,088.9			
I-39	1005+57.93	1037+11.99	NORTHBOUND				7,256.4			
			I-39 POST STAGE 3 SUBTOTALS	0.0	0.0	0.0	14,345.3		0	0
			USE	0	0	0	14,346		0	0
SUBTOTALS				47,540	106	14	74,016	16	100	100

MODEL: Default
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	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						39	(50-5HB)BJR,BDR	LASALLE	91	15
		CHECKED -	REVISED -						CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: c:\pwwork\pwwork\carminsa\0870230\66N36 - Schedules.dgn

TEMPORARY PAVEMENT MARKING SCHEDULE 2/2										
LOCATION				TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY RUMBLE STRIPS	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT
ROADWAY	STA	STA	REMARKS	FOOT	FOOT	EACH	SQ FT	EACH	EACH	EACH
I-80 EXISTING										
I-39	1000+40.18	1061+95.63	SOUTHBOUND				4742.7			
I-39	989+20.66	1056+37.83	NORTHBOUND				4974.5			
		I-80 EXISTING SUBTOTALS		0.0	0.0	0.0	9717.2	0.0	0.0	0.0
			USE	0	0	0	9,718	0	0	0
I-80 PRE-STAGE										
I-80	753+25.75	795+76.89	SOUTHBOUND	8,930.5	39		8,969.8		43	
I-80	742+58.42	795+76.89	NORTHBOUND	9,586.2	53		9,639.2		43	
		I-80 PRE-STAGE SUBTOTALS		18,516.7	92.3	0.0	18,609.0	0.0	86	0
			USE	18,517	93	0	18,610	0	86	0
I-80 STAGE A										
I-80	753+03.42	770+03.42	SOUTHBOUND	5,956.0	204.9		6,160.9	4		
I-80	751+53.42	768+53.43	NORTHBOUND	6,555.9	210.2		6,766.1	4		
		I-80 STAGE A SUBTOTALS		12,511.9	415.1	0.0	12,927.0	8	0	0
			USE	12,512	416	0	12,928	8	0	0
I-80 STAGE B										
I-80	753+03.42	770+03.42	SOUTHBOUND	5,813.2			5,813.2	4		43
I-80	751+53.42	768+53.49	NORTHBOUND	5,939.8			5,939.8	4		43
		I-39 STAGE B SUBTOTALS		11,753.0	0.0	0.0	11,753.0	8	0	86
			USE	11,753	0	0	11,753	8	0	86
I-80 POST STAGE B										
I-80	753+03.42	770+03.42	SOUTHBOUND				5,813.4			
I-80	751+53.42	768+53.49	NORTHBOUND				5,939.8			
		I-39 STAGE B SUBTOTALS		0.0	0.0	0.0	11,753.2	0	0	0
			USE	0	0	0	11,754	0	0	0
SUBTOTALS				42,782	509	0	64,763	16	86	86
TOTALS				90,322	615	14	138,779	32	186	186

USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/28/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5HB)BJR,BDR	LASALLE	91	16
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging Notes (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - var P4-I Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I366A91-rt-staging_notes.dgn

STAGE CONSTRUCTION NOTES

I-39 PRE-STAGE (TRAFFIC)

- 1. PRIOR TO ANY WORK, USE HIGHWAY STANDARD 701428 TO PREPARE ALL MARKINGS, SIGNING AND TRAFFIC CONTROL DEVICES.
- 2. USE MAINTENANCE OF TRAFFIC PLANS WITH HIGHWAY STANDARDS 701101, 701401, 701411, AND 701456 TO SHIFT TOWARDS THE EXISTING INSIDE EDGE OF PAVEMENT. THIS WORK COULD ALSO BE PERFORMED FOLLOWING HIGHWAY STANDARD 701406.
- 3. MAINTAIN ONE LANE OF TRAFFIC EACH DIRECTION AS DETAILED IN THE PLANS.
- 4. MAINTAIN I-80 EXIT AND ENTRANCE RAMP TRAFFIC.

I-39 PRE-STAGE (CONSTRUCTION)

- 1. PERFORM OUTSIDE SHOULDER IMPROVEMENTS AS DETAILED IN THE PLANS.

I-39 STAGE 1 (TRAFFIC)

- 1. PRIOR TO ANY WORK, USE HIGHWAY STANDARD 701428 TO PREPARE ALL MARKINGS, SIGNING AND TRAFFIC CONTROL DEVICES.
- 2. USE MAINTENANCE OF TRAFFIC PLANS WITH HIGHWAY STANDARDS 701402, AND 701400 WITH DISTRICT 3 STANDARD 701-12 (SMART WORK ZONE DETAIL) TO SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC TO OUTSIDE ROADWAY AND SHOULDERS.
- 3. MAINTAIN ONE LANE OF TRAFFIC EACH DIRECTION AS DETAILED IN THE PLANS.
- 4. MAINTAIN I-80 EXIT AND ENTRANCE RAMP TRAFFIC USING HIGHWAY STANDARD 701411.

I-39 STAGE 1 (CONSTRUCTION)

- 1. PERFORM ALL BRIDGE WORK ON STRUCTURES 050-0177 AND 050-0178 WITHIN THE WORK ZONE AS DETAILED ON THE STRUCTURE PLANS.

I-39 STAGE 2 (TRAFFIC)

- 1. PRIOR TO ANY WORK, USE HIGHWAY STANDARD 701428 TO PREPARE ALL MARKINGS, SIGNING AND TRAFFIC CONTROL DEVICES.
- 2. USE MAINTENANCE OF TRAFFIC PLANS WITH HIGHWAY STANDARDS 701402, AND 701400 WITH DISTRICT 3 STANDARD 701-12 (SMART WORK ZONE DETAIL) TO SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC TO INSIDE ROADWAY.
- 3. MAINTAIN ONE LANE OF TRAFFIC EACH DIRECTION AS DETAILED IN THE PLANS.
- 4. MAINTAIN I-80 EXIT AND ENTRANCE RAMP TRAFFIC USING HIGHWAY STANDARD 701411.

I-39 STAGE 2 (CONSTRUCTION)

- 1. PERFORM ALL BRIDGE WORK ON STRUCTURES 050-0177 AND 050-0178 WITHIN THE WORK ZONE AS DETAILED ON THE STRUCTURE PLANS.

STAGE CONSTRUCTION NOTES (CONT'D)

I-80 PRE-STAGE (TRAFFIC)

- 1. PRIOR TO ANY WORK, USE HIGHWAY STANDARD 701428 TO PREPARE ALL MARKINGS, SIGNING AND TRAFFIC CONTROL DEVICES.
- 2. USE MAINTENANCE OF TRAFFIC PLANS WITH HIGHWAY STANDARDS 701400 AND 701456 TO AND SHIFT TOWARDS THE EXISTING INSIDE EDGE OF PAVEMENT. THIS WORK COULD ALSO BE PERFORMED FOLLOWING HIGHWAY STANDARD 701406.
- 3. MAINTAIN ONE LANE OF TRAFFIC EACH DIRECTION AS DETAILED IN THE PLANS.
- 4. MAINTAIN I-39 EXIT AND ENTRANCE RAMP TRAFFIC USING HIGHWAY STANDARD 701411.

I-80 PRE-STAGE (CONSTRUCTION)

- 1. PERFORM OUTSIDE SHOULDER IMPROVEMENTS AS DETAILED IN THE PLANS.
- 2. REMOVE AND REPLACE GORE PAVEMENT AS SHOWN IN THE PLANS FOR PREPARATION OF STAGE A TRAFFIC.

I-80 STAGE A (TRAFFIC)

- 1. PRIOR TO ANY WORK, USE HIGHWAY STANDARD 701428 TO PREPARE ALL MARKINGS, SIGNING AND TRAFFIC CONTROL DEVICES.
- 2. USE MAINTENANCE OF TRAFFIC PLANS WITH HIGHWAY STANDARDS 701400 TO SHIFT EASTBOUND AND WESTBOUND TRAFFIC TO OUTSIDE ROADWAY AND SHOULDERS.
- 3. MAINTAIN TWO LANES OF TRAFFIC EACH DIRECTION AS DETAILED IN THE PLANS.
- 4. MAINTAIN I-39 EXIT AND ENTRANCE RAMP TRAFFIC USING HIGHWAY STANDARD 701411.

I-80 STAGE A (CONSTRUCTION)

- 1. PERFORM ALL BRIDGE WORK ON STRUCTURES 050-0177 AND 050-0178 WITHIN THE WORK ZONE AS DETAILED ON THE STRUCTURE PLANS.

I-80 STAGE B (TRAFFIC)

- 1. USE HIGHWAY STANDARD 701456 TO SHIFT RAMP TRAFFIC FOR GORE PAVEMENT REPLACEMENT.
- 2. PRIOR TO ANY WORK, USE HIGHWAY STANDARD 701428 TO PREPARE ALL MARKINGS, SIGNING AND TRAFFIC CONTROL DEVICES.
- 3. USE MAINTENANCE OF TRAFFIC PLANS WITH HIGHWAY STANDARDS 701400 TO SHIFT EASTBOUND AND WESTBOUND TRAFFIC TO INSIDE ROADWAY AND SHOULDERS.
- 4. MAINTAIN TWO LANES OF TRAFFIC EACH DIRECTION AS DETAILED IN THE PLANS.
- 5. MAINTAIN I-39 EXIT AND ENTRANCE RAMP TRAFFIC USING HIGHWAY STANDARD 701411.

I-80 STAGE B (CONSTRUCTION)

- 1. PERFORM ALL BRIDGE WORK ON STRUCTURES 050-0177 AND 050-0178 WITHIN THE WORK ZONE AS DETAILED ON THE STRUCTURE PLANS.



USER NAME = tneffsmith	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/18/2025	DATE - 3/18/2025	REVISED -

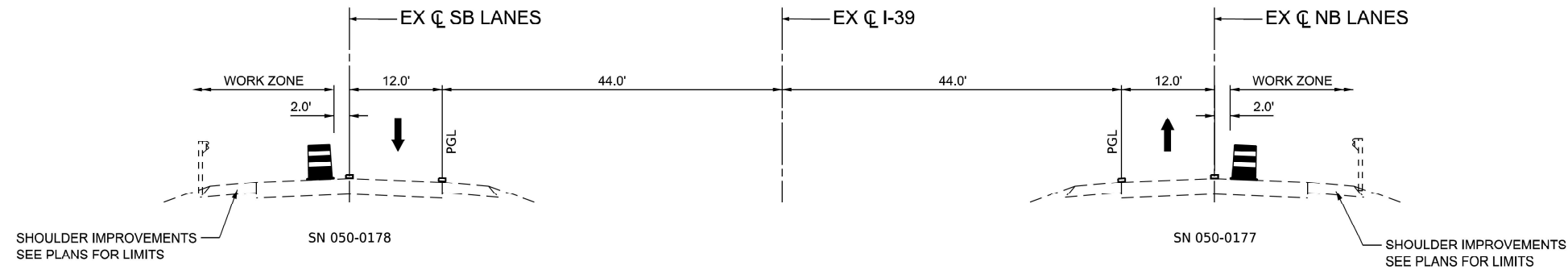
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE CONSTRUCTION NOTES
FAI-39 (I-39) OVER I-80

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

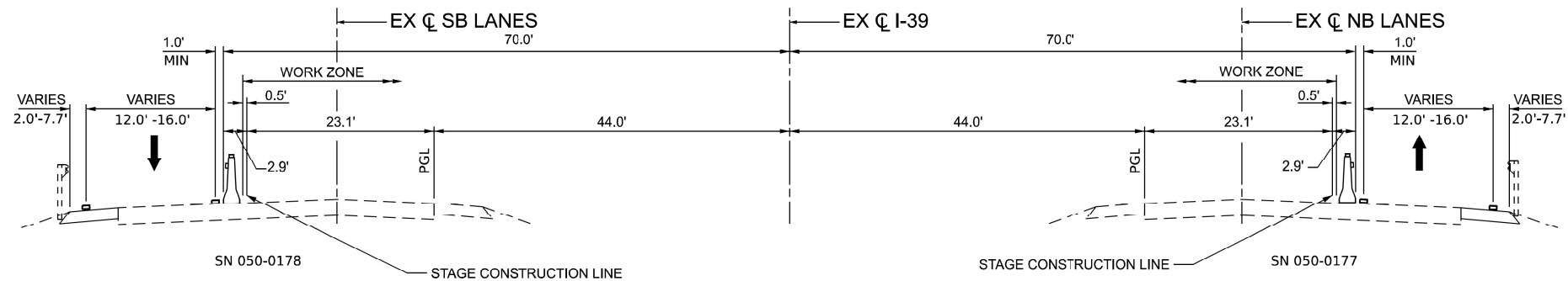
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	17
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging Typical - Plan 1 (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth - Var P4-I Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\366A91-rt-staging_typicals.dgn



PRE-STAGE TYPICAL SECTION

STA 1015+71.21 TO STA 1040+65.40
BRIDGE OMISSION: STA 1027+25.76 TO STA 1029+79.18



STAGE 1 TYPICAL SECTION

AT STRUCTURES
(LOOKING NORTH)

NOTE:

STATION OFFSET OF TEMPORARY BARRIER IS SHOWN ON TRAFFIC SIDE OF BARRIER IN THE MAINTENANCE OF TRAFFIC PLANS

LEGEND

- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WITH MONODIRECTIONAL BARRIER WALL REFLECTOR
- VERTICAL PANEL WITH STEADY BURN LIGHT
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)
- EXISTING GUARDRAIL
- TEMPORARY PAVEMENT MARKING



QUIGG ENGINEERING INC.

USER NAME = mbennett	DESIGNED - RG	REVISED -
DRAWN - RG	REVISED -	
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/19/2025	DATE - 3/14/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

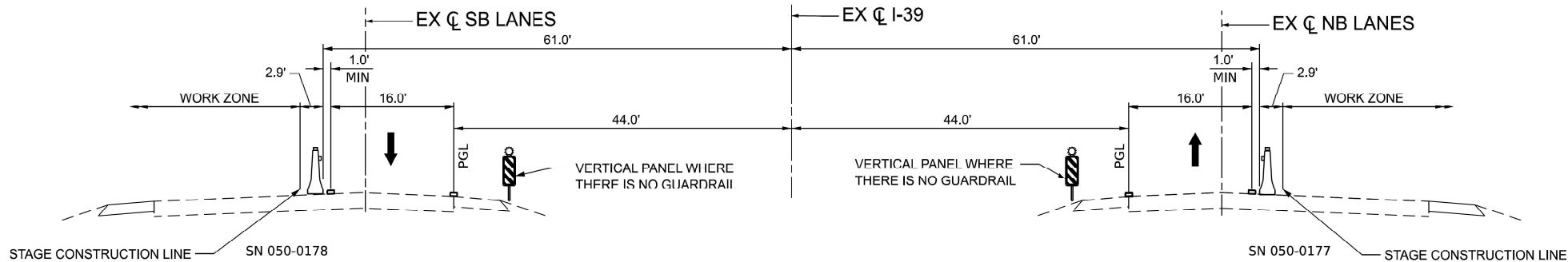
MAINTENANCE OF TRAFFIC PLANS - TYPICAL SECTIONS

FAI-39 (I-39) OVER I-80

SCALE: 1"=10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	18
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging Typical - Plan 2 (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth-Var P4-I Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\0366A91-rt-staging_typicals.dgn



STAGE 2 TYPICAL SECTION

AT STRUCTURES
(LOOKING NORTH)

NOTE:

STATION OFFSET OF TEMPORARY BARRIER IS SHOWN ON TRAFFIC SIDE OF BARRIER IN THE MAINTENANCE OF TRAFFIC PLANS

LEGEND

- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WITH MONODIRECTIONAL BARRIER WALL REFLECTOR
- VERTICAL PANEL WITH STEADY BURN LIGHT
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)
- EXISTING GUARDRAIL
- TEMPORARY PAVEMENT MARKING



QUIGG ENGINEERING INC.

USER NAME = mbennett	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/18/2025	DATE - 11/1/2024	REVISED -

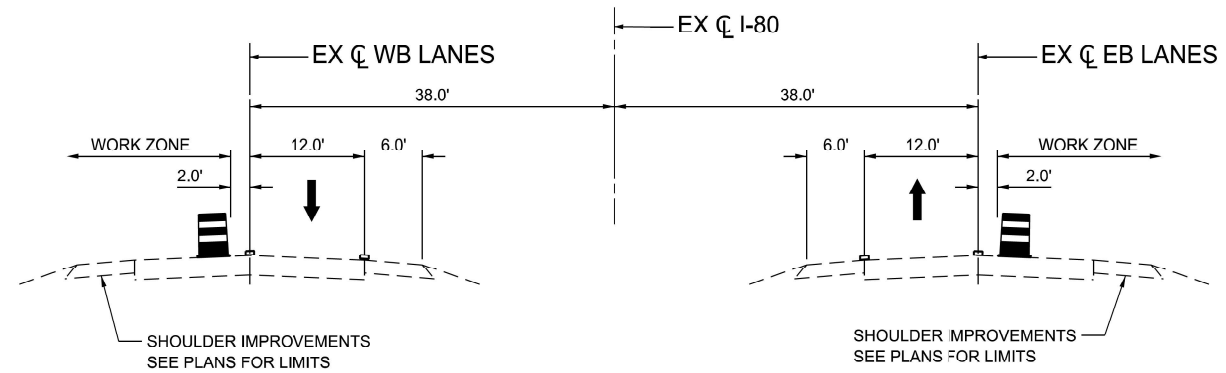
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - TYPICAL SECTIONS
FAI-39 (I-39) OVER I-80

SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. TO STA.

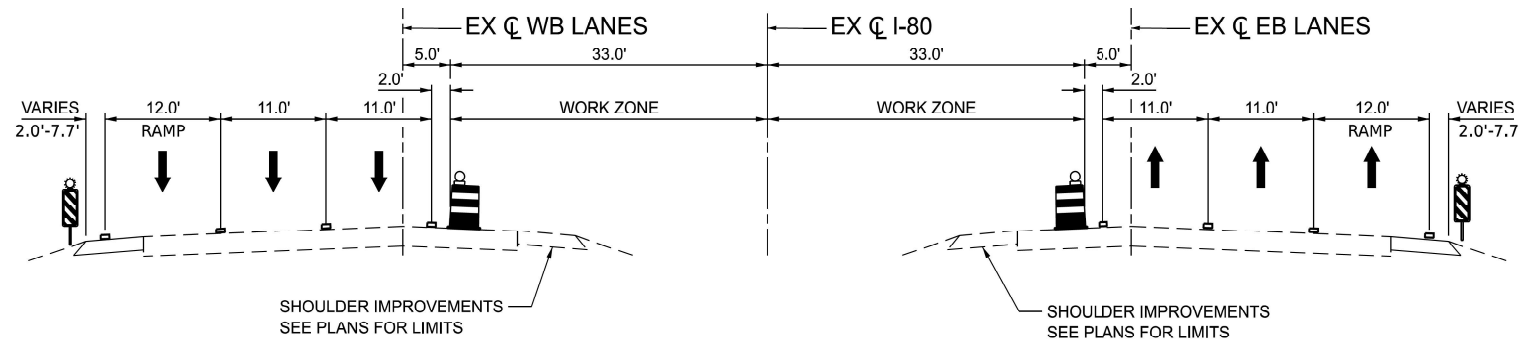
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	19
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging Typical - Plan 3 (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth- Var P4-I Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I366A91-ert-staging_typicals.dgn



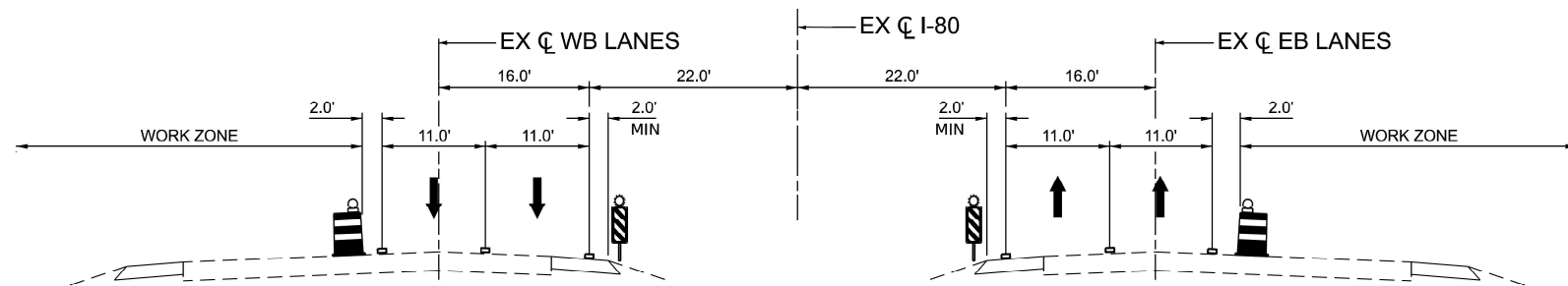
I-80 PRE-STAGE TYPICAL SECTION

STA 742+58.42 TO STA 766+27.38
(LOOKING EAST)



I-80 STAGE A TYPICAL SECTION

STA 751+03.88 TO STA 770+53.41
(LOOKING EAST)



I-80 STAGE B TYPICAL SECTION

STA 751+03.88 TO STA 770+53.41
(LOOKING EAST)

LEGEND

- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WITH MONODIRECTIONAL BARRIER WALL REFLECTOR
- VERTICAL PANEL WITH STEADY BURN LIGHT
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)
- EXISTING GUARDRAIL
- TEMPORARY PAVEMENT MARKING



QUIGG ENGINEERING INC.

USER NAME = smaxwell	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/20/2025	DATE - 3/14/2025	REVISED -

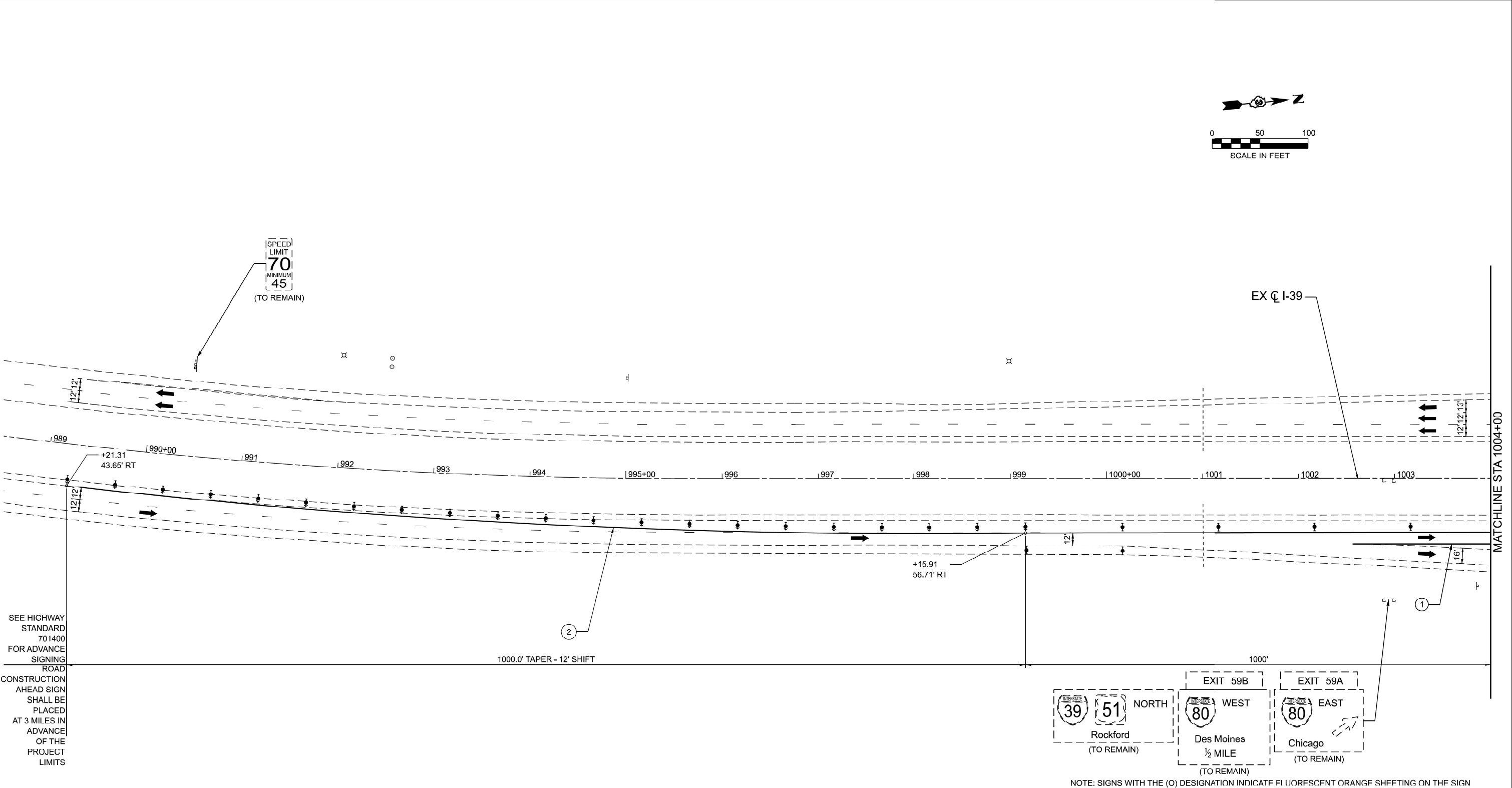
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - TYPICAL SECTIONS
FAI-39 (I-39) OVER I-80

SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	20
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

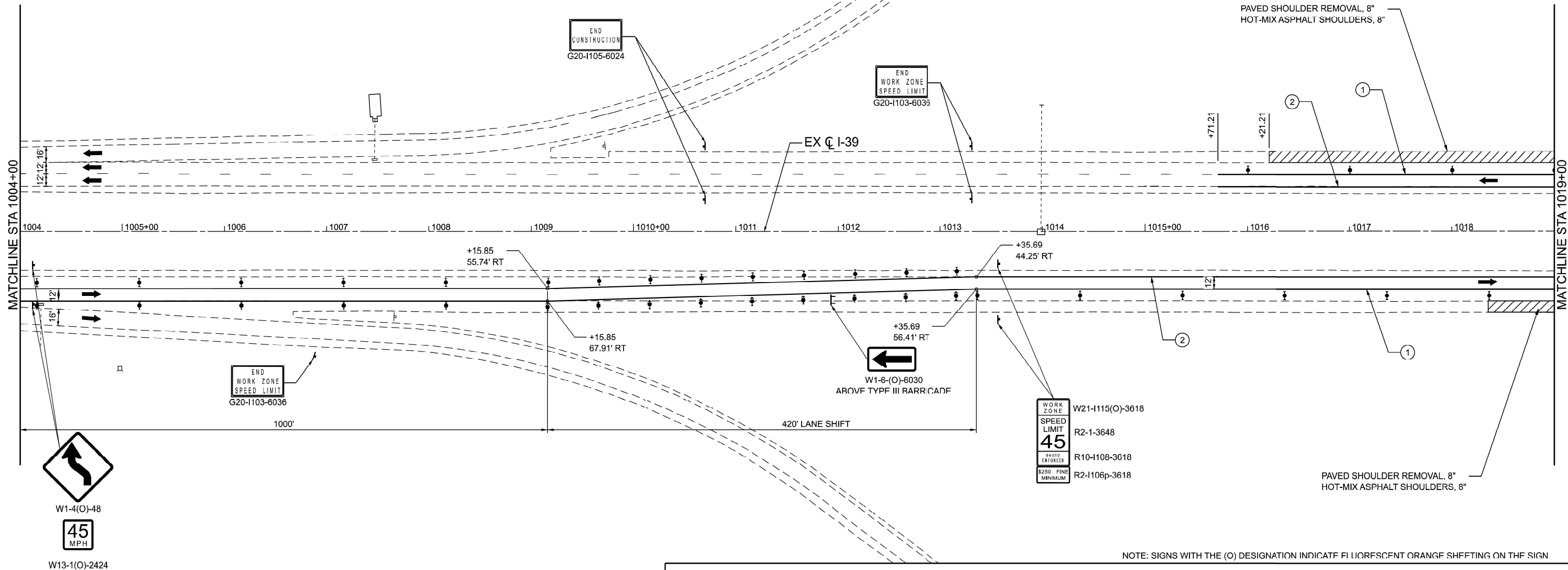
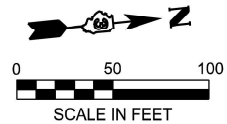
MODEL: Prestage - Plan 1 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P4 - Structures\WC 10 - supp PSE a: I-39 and I-80\CADD\CADD Sheets\I3966A91-shf-staging_prestage.dgn



USER NAME = smaxwell	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/20/2025	DATE - 3/15/2025	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	21
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Prestage - Plan 2 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P-1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\366A91-ert-staging_prestage.dgn



NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIERS
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- ① TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)



QUIGG ENGINEERING INC.

USER NAME = smaxwell	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/20/2025	DATE - 3/15/2025	REVISED -

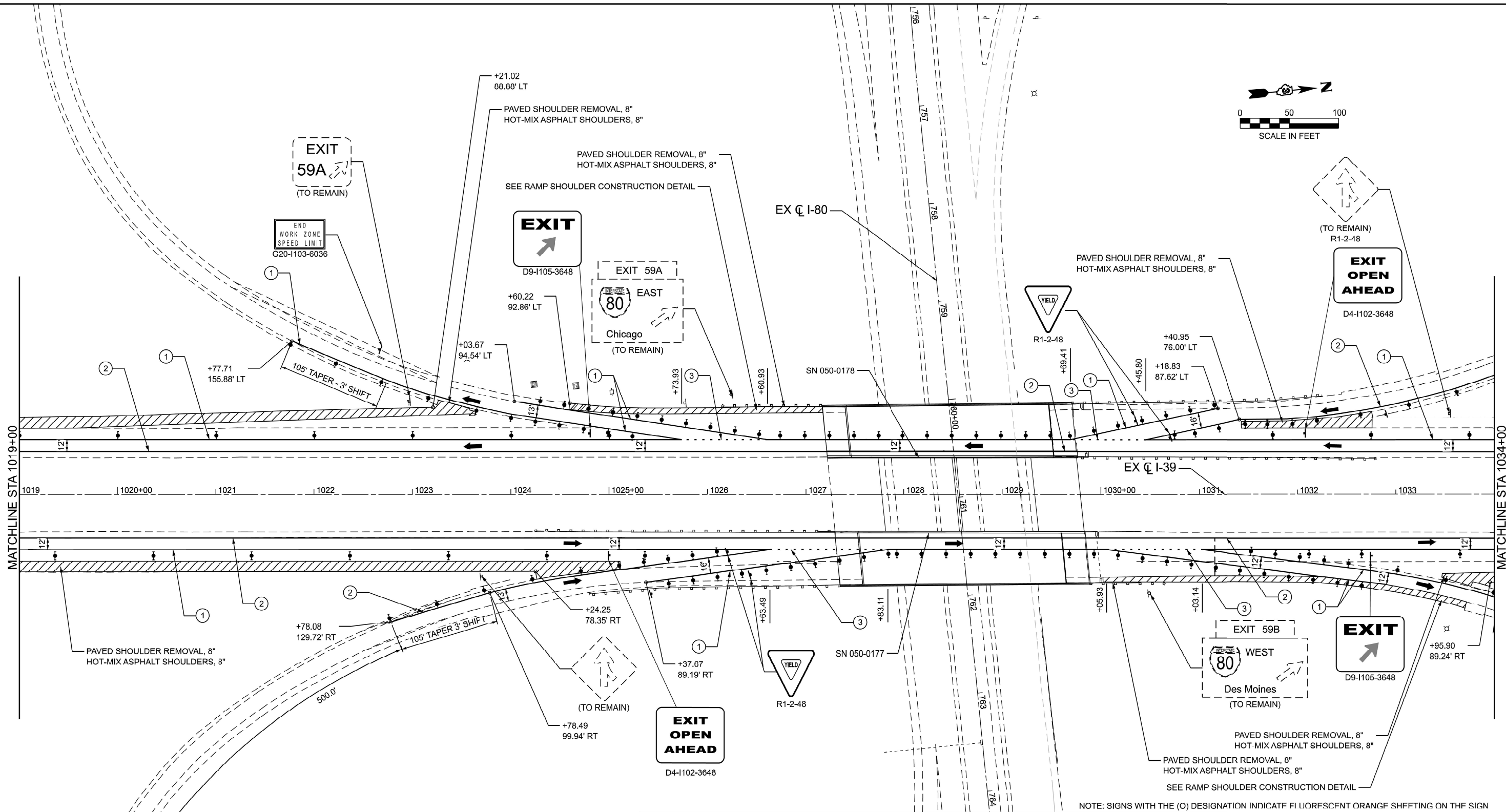
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 PRE-STAGE
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 1004+00.00 TO STA. 1019+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	22
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Prestage - Plan 3 (Sheet)
FILE NAME: S:\2022\221057-PTB 204-30 - D3 - Farnsworth- Var P4-I Structures\WC 10 - supp PSE a: I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_prestage.dgn



NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)



QUIGG ENGINEERING INC.

USER NAME = tneffsmith	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/18/2025	DATE - 3/15/2025	REVISED -

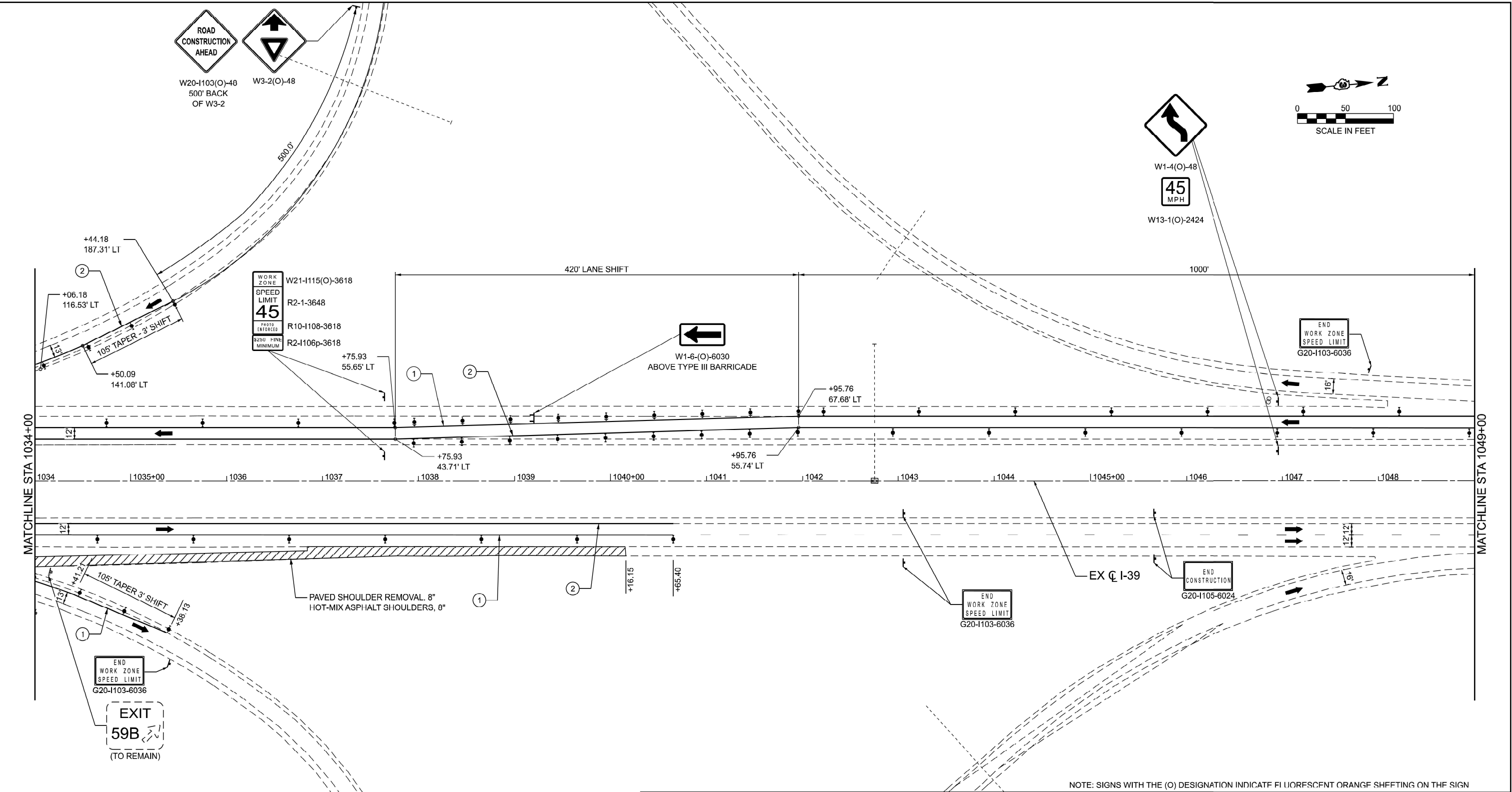
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 PRE-STAGE
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 3 OF 6 SHEETS STA. 1019+00.00 TO STA. 1034+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	23
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Prestage - Plan 4 (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth - Var P4 - Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\366A91-sft-staging_prestage.dgn



LEGEND

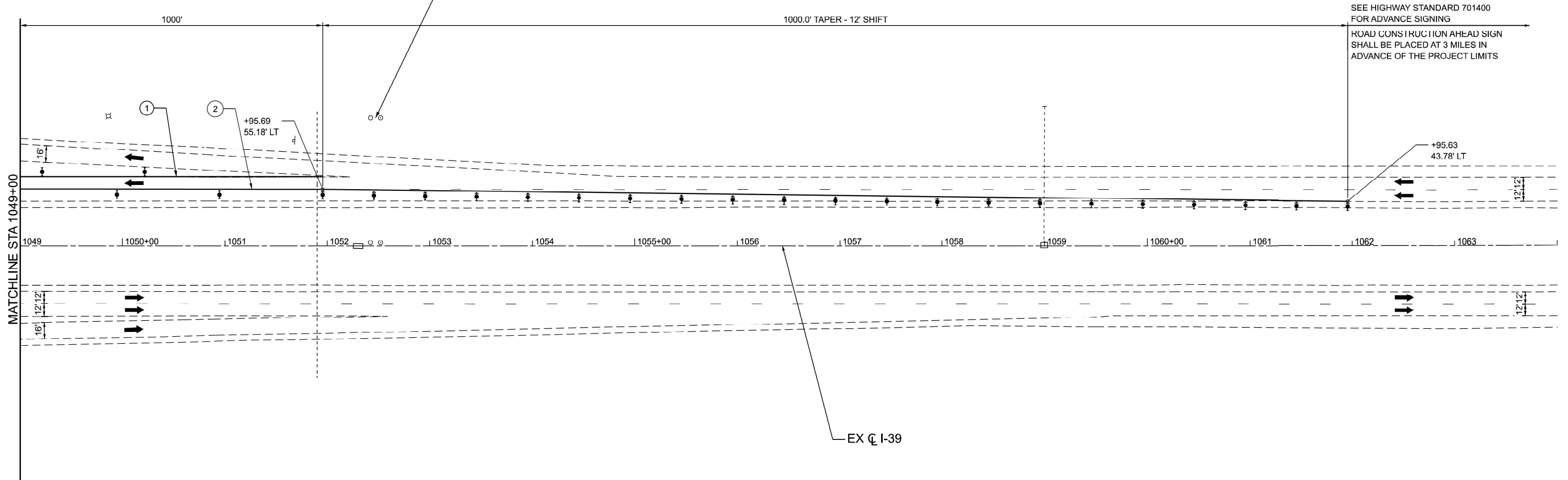
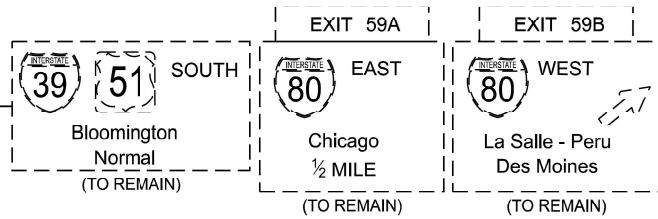
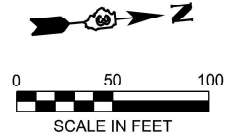
- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)
- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

	USER NAME = tneffsmith		DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - I-39 PRE-STAGE FAI-39 (I-39) OVER I-80				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633' / in.		DRAWN - RG	REVISED -		SCALE: 1" = 50'				39	50-5HB	LASALLE	91	24
	PLOT DATE = 3/18/2025		CHECKED - SDM	REVISED -		SHEET 4 OF 6 SHEETS				CONTRACT NO. 66N36				
			DATE - 3/14/25	REVISED -		STA. 1034+00.00 TO STA. 1049+00.00				ILLINOIS FED. AID PROJECT				

MODEL: Prestage - Plan 5 (Sheet)
FILE NAME: S:\2022\221057-PTB 204-30 - D3 - Farnsworth-Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_prestage.dgn



LEGEND

- | | | | |
|--|--|---|---|
| | WORK AREA | | TYPE III BARRICADE |
| | SHOULDER IMPROVEMENTS | | VERTICAL PANEL WITH STEADY BURN LIGHT |
| | DIRECTION OF TRAFFIC | | IMPACT ATTENUATOR |
| | TEMPORARY CONCRETE BARRIER | ① | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE) |
| | DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT) | ② | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW) |
| | DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER) | ③ | TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH) |

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



QUIGG ENGINEERING INC.

USER NAME = tneffsmith	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/18/2025	DATE - 3/15/2025	REVISED -

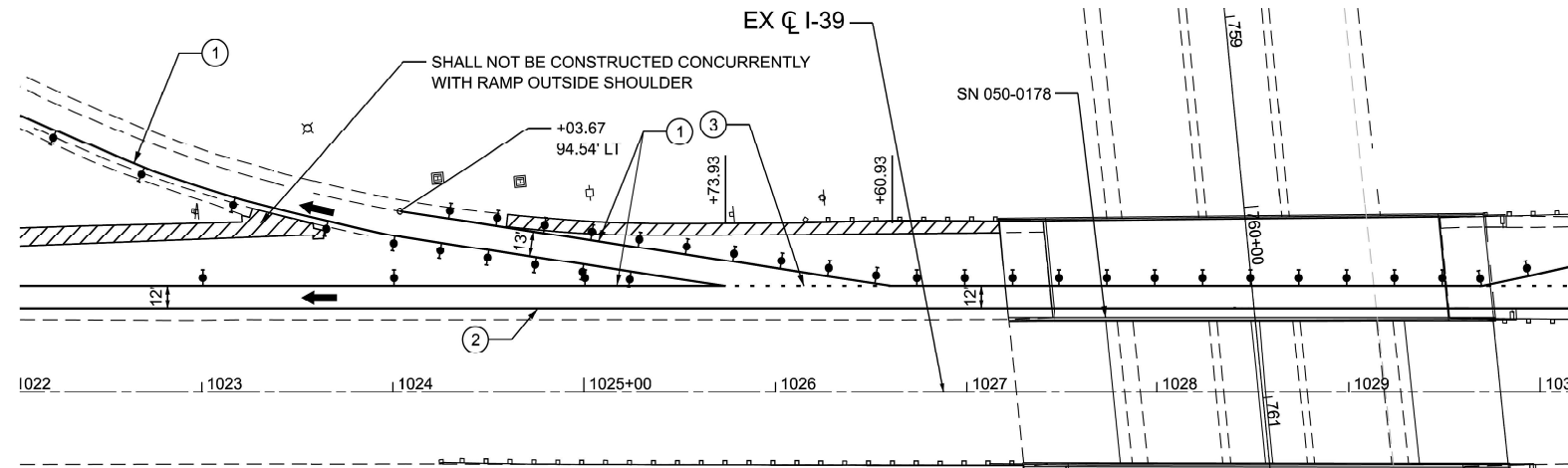
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 PRE-STAGE FAI-39 (I-39) OVER I-80

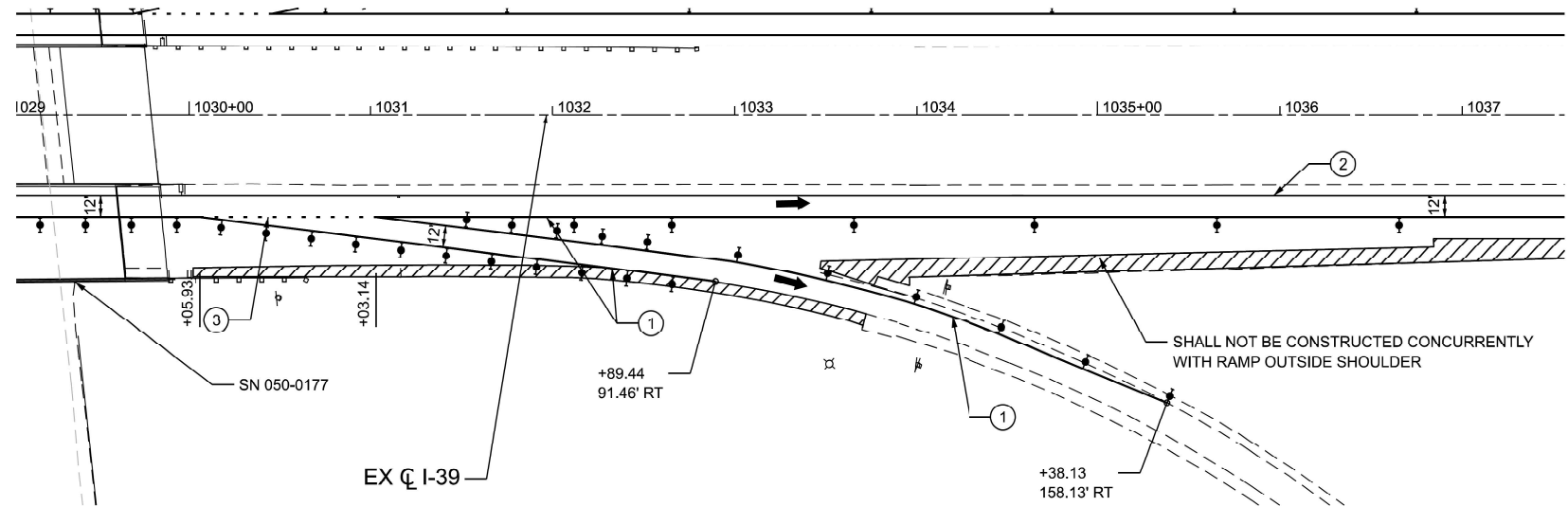
SCALE: 1" = 50' SHEET 5 OF 6 SHEETS STA. 1049+00.00 TO STA. 1061+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	25
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Prestage - Detail (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth - Var P4\Structures\I-39 and I-80\CADD\CADD Sheets\I3966A91-sht-prestage_detail.dgn



SB I-39 TO EB I-80 EXIT RAMP OUTSIDE SHOULDER



NB I-39 TO WB I-80 EXIT RAMP OUTSIDE SHOULDER

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- WORK AREA
- PROPOSED SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)
- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



QUIGG ENGINEERING INC.

USER NAME = mbennett	DESIGNED - RG	REVISED -
DRAWN - RG	REVIS	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 2/7/2025	DATE - 11/1/2024	REVISED -

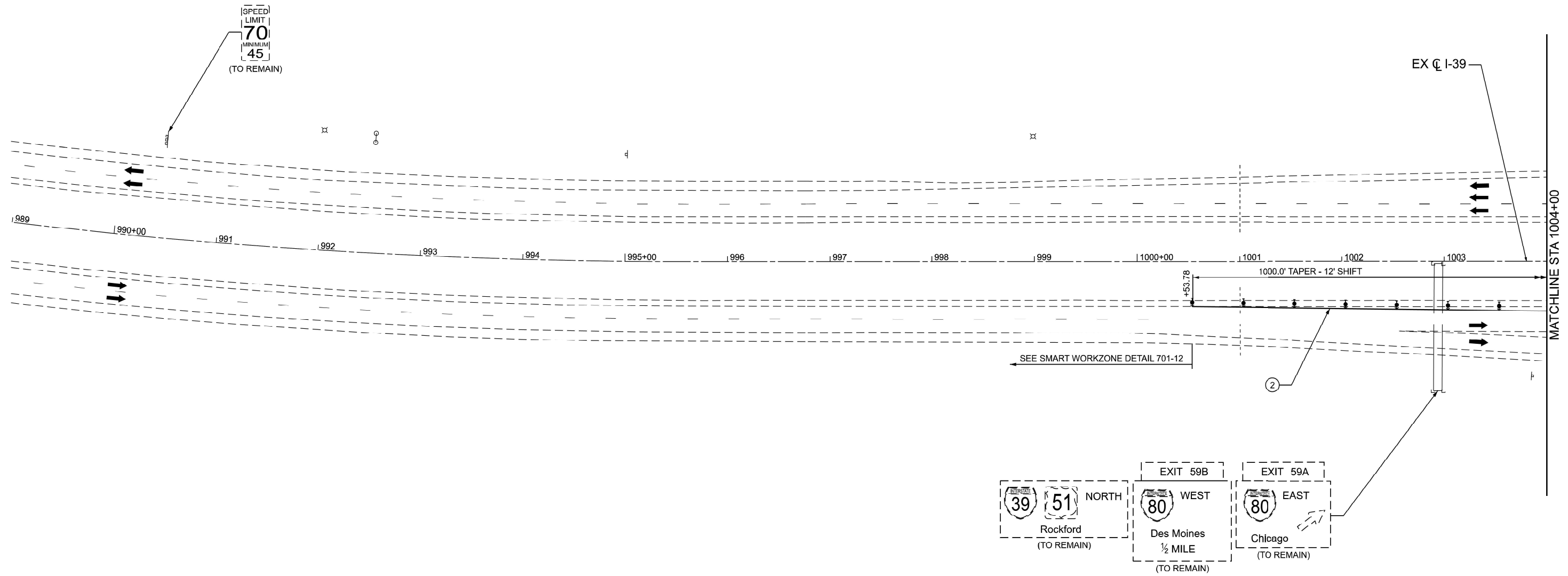
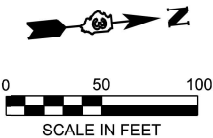
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 PRE-STAGE
RAMP SHOULDER CONSTRUCTION DETAIL

SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 1019+00.00 TO STA. 1034+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	26
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 1 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P4\1 Structures\W/C 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_stage1.dgn



LEGEND

- | | | | |
|--|--|--|---|
| | WORK AREA | | TYPE III BARRICADE |
| | SHOULDER IMPROVEMENTS | | IMPACT ATTENUATOR |
| | DIRECTION OF TRAFFIC | | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE) |
| | TEMPORARY CONCRETE BARRIER | | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW) |
| | DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT) | | TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH) |
| | DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER) | | |

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



QUIGG ENGINEERING INC.

USER NAME = smaxwell	DESIGNED - SL	REVISED -
	DRAWN - SL	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 2/7/2025	DATE - 11/1/2024	REVISED -

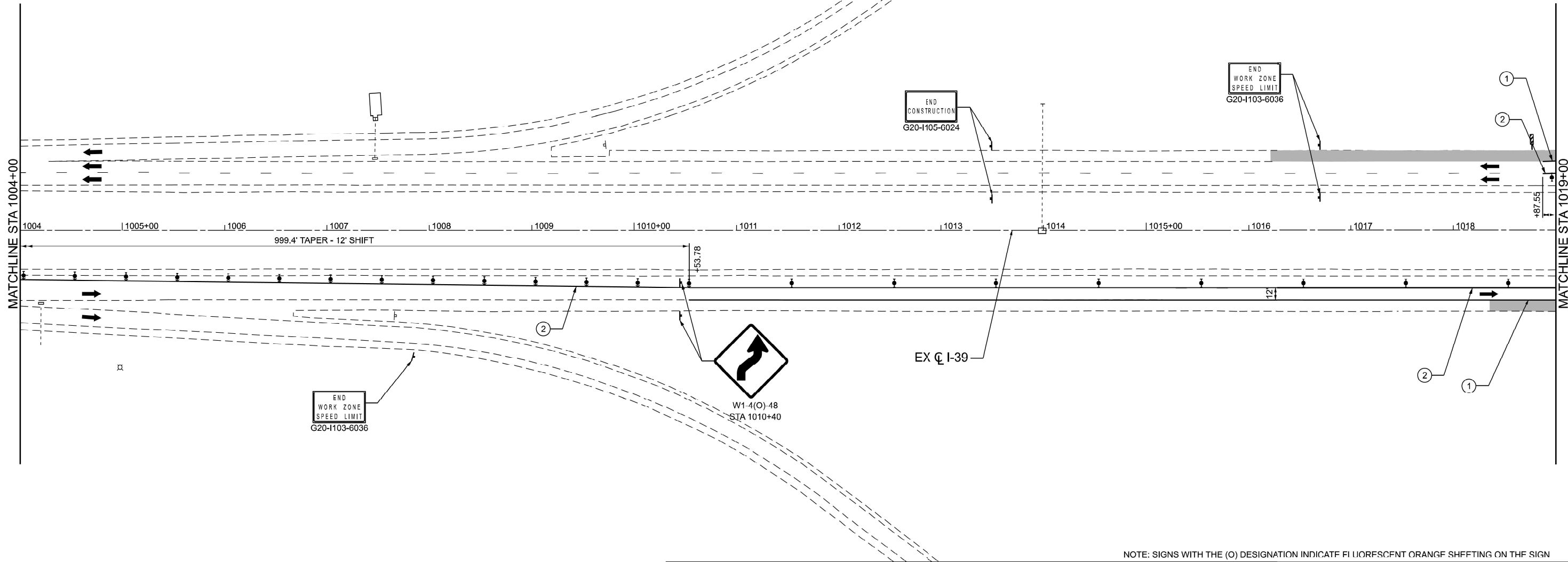
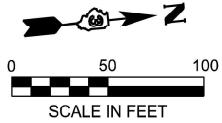
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 1
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 1003+10.62 TO STA. 1004+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	27
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 2 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\366A91-rt-staging_stage1.dgn



NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- ① TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)



QUIGG ENGINEERING INC.

USER NAME =	trneffsmith
DESIGNED -	SL
DRAWN -	SL
CHECKED -	SDM
DATE -	11/1/2024
PLOT SCALE =	0.16666633' / in.
PLOT DATE =	1/31/2025

DESIGNED -	SL
REVIS	
REVIS	
REVIS	
REVIS	

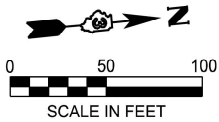
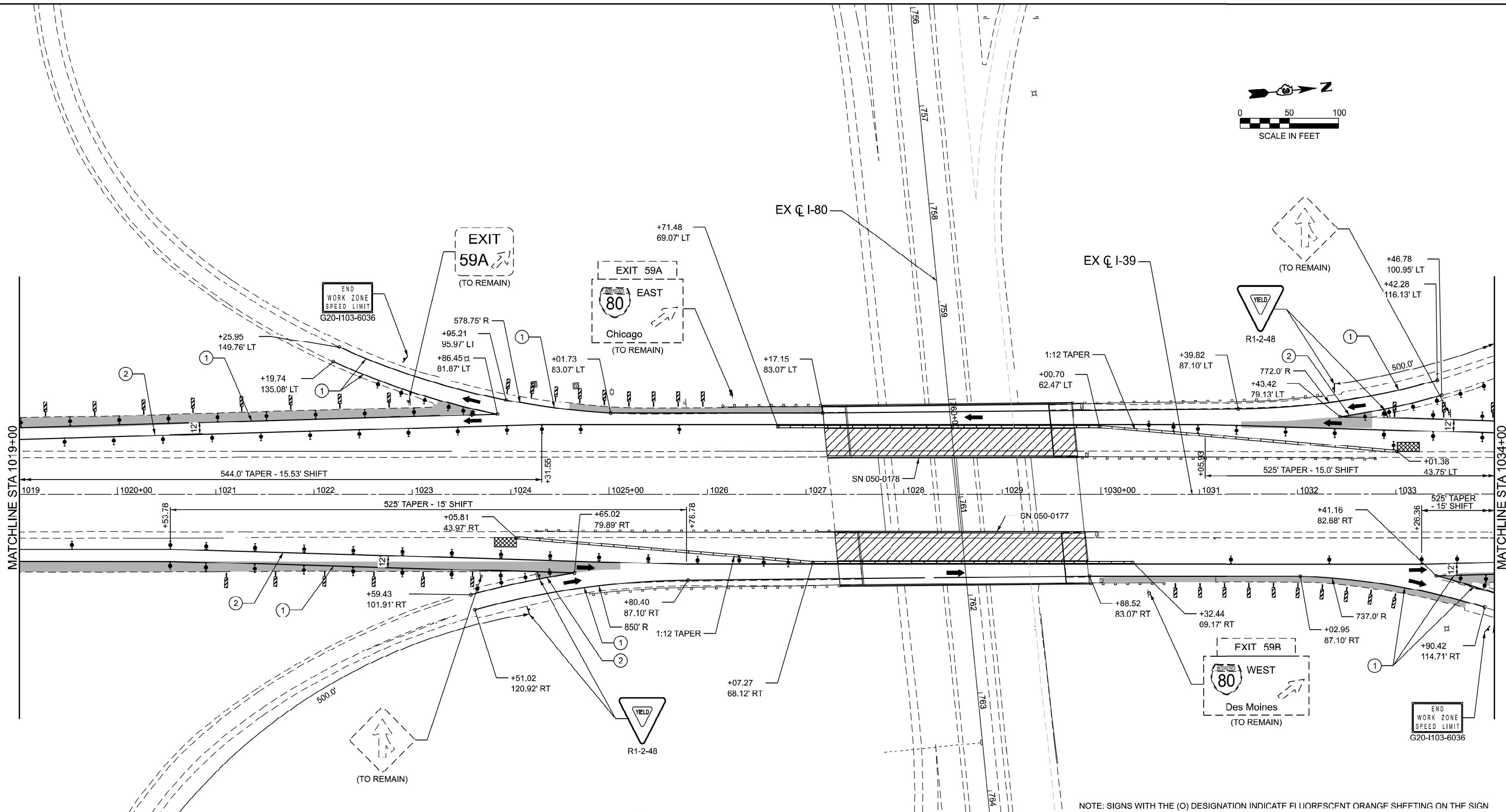
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 1
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 1004+00.00 TO STA. 1019+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	28
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 3 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P41 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_stage1.dgn



W3-2(O)-48



W20-I103(O)-18
500' BACK
OF W3-2

LEGEND

- | | |
|--|---|
| WORK AREA | TYPE III BARRICADE |
| SHOULDER IMPROVEMENTS | VERTICAL PANEL WITH STEADY BURN LIGHT |
| DIRECTION OF TRAFFIC | IMPACT ATTENUATOR |
| TEMPORARY CONCRETE BARRIER | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE) |
| DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT) | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW) |
| DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER) | TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH) |

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN



QUIGG ENGINEERING INC.

USER NAME = smaxwell	DESIGNED - SL	REVISED -
	DRAWN - SL	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 2/7/2025	DATE = 11/1/2024	REVISED -

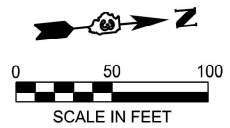
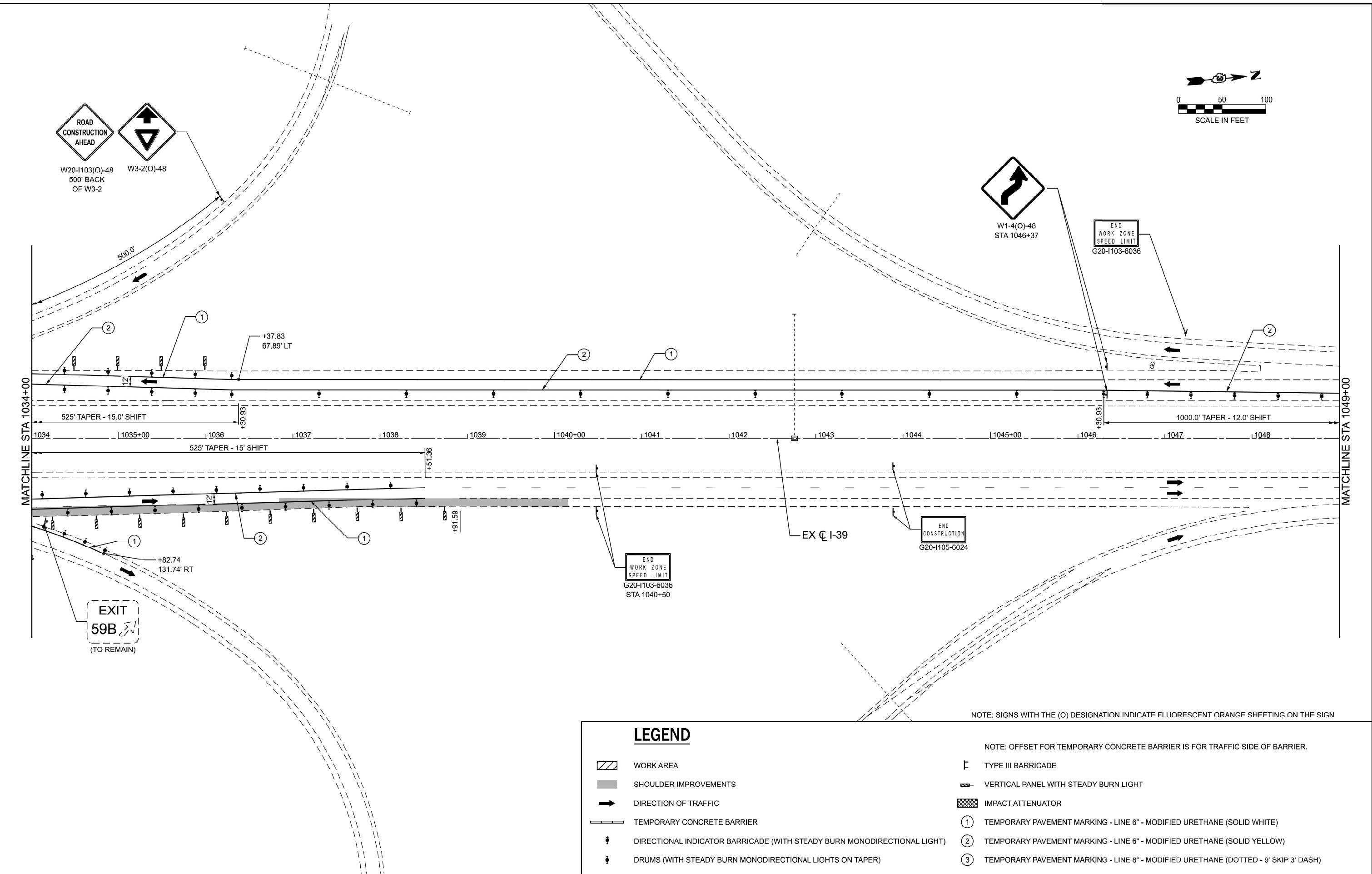
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 1
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 1019+00.00 TO STA. 1034+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	29
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 4 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P4 - Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-rt-staging_stage1.dgn

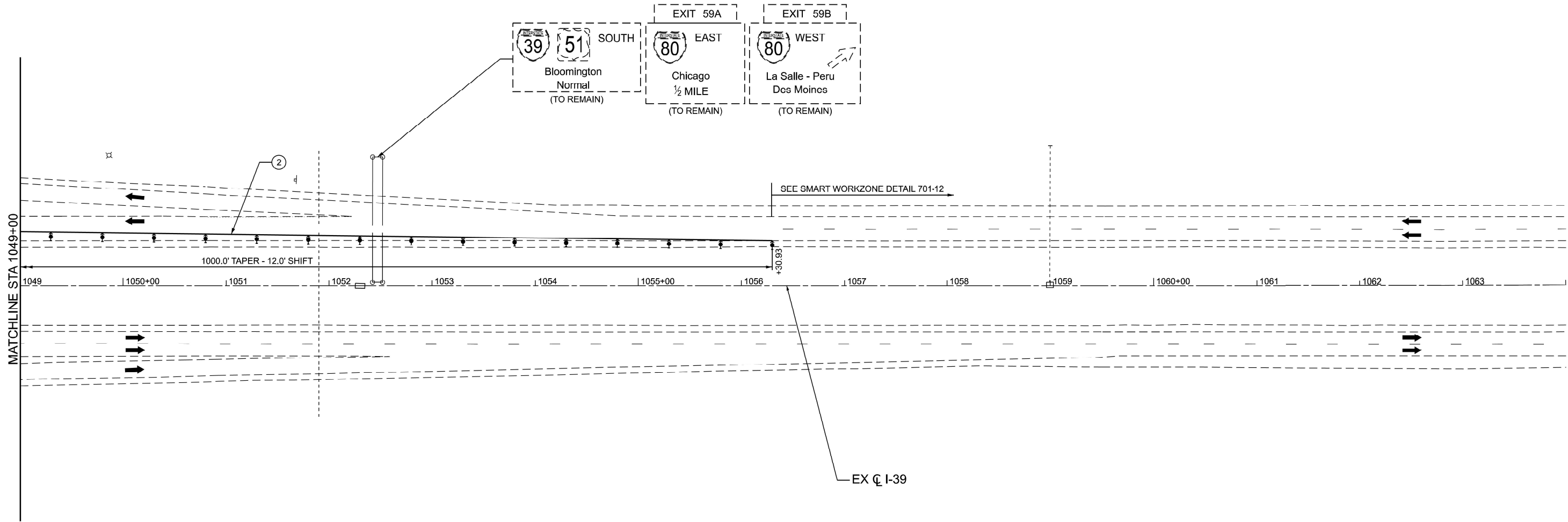
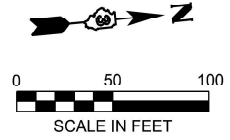


LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)
- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- ① TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)

MODEL: Staging - Plan 5 (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth-Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_stage1.dgn



USER NAME = tneffsmith	DESIGNED - SL	REVISED -
	DRAWN - SL	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 1/28/2025	DATE - 11/1/2024	REVISED -

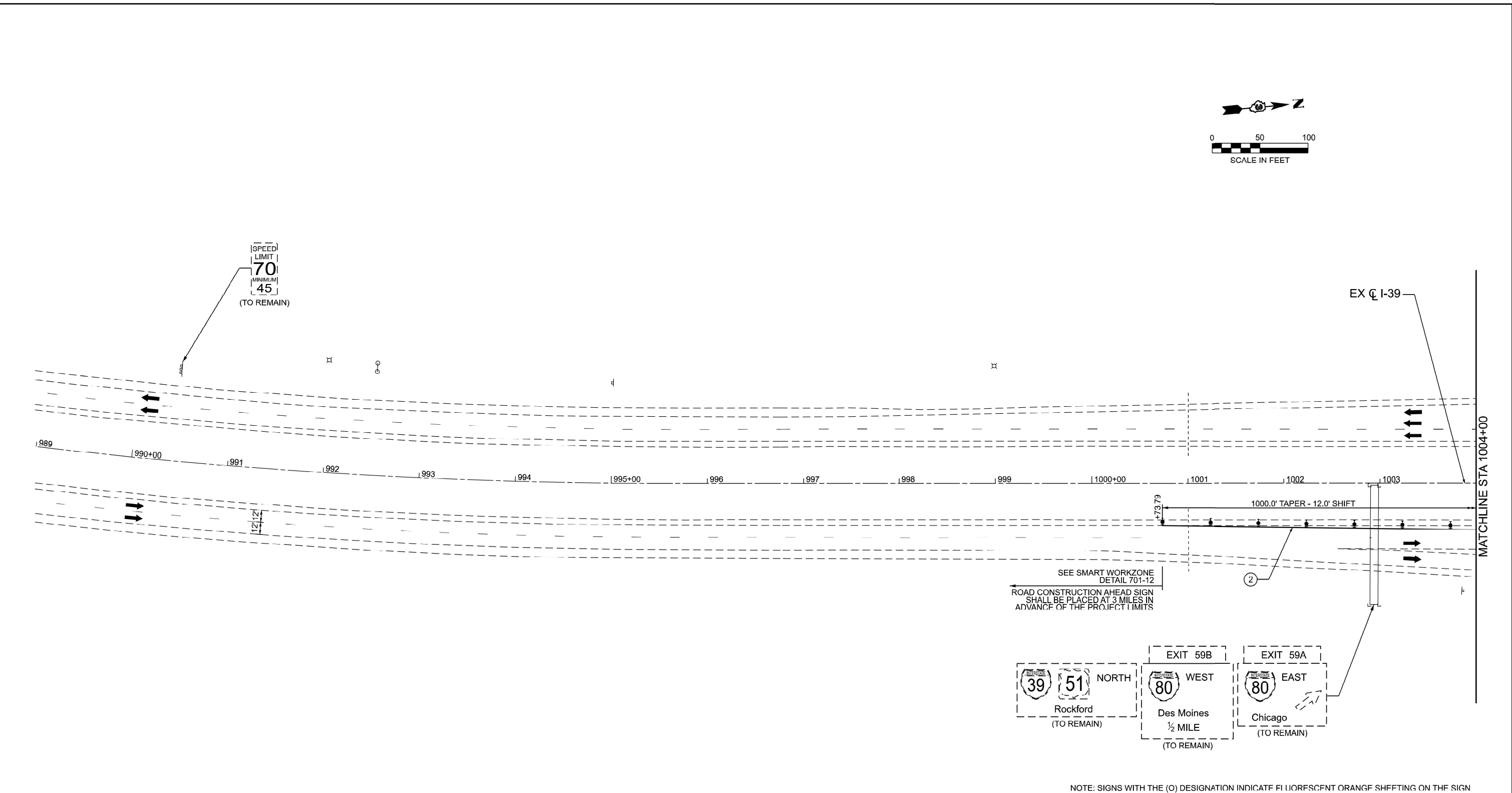
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 1
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. 1049+00.00 TO STA. 1061+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	31
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 1 (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth-Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_stage2.dgn



LEGEND

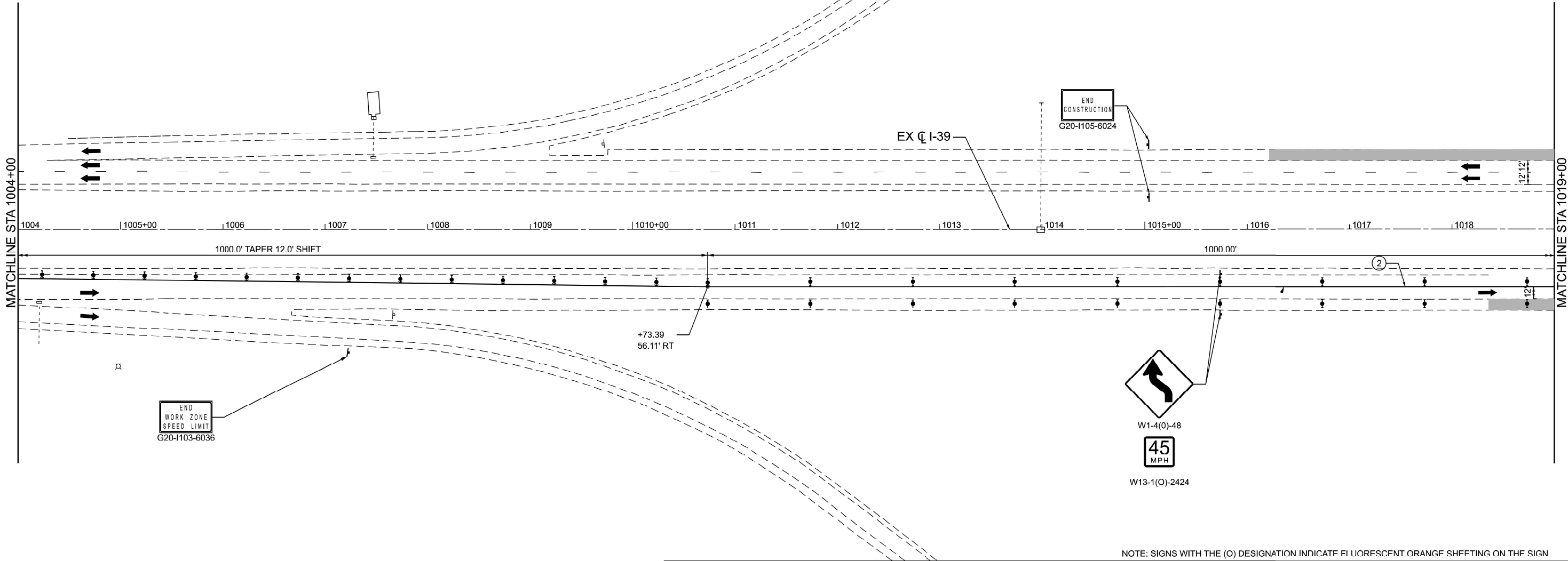
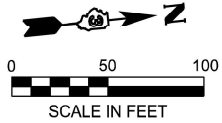
- | | | | |
|--|--|--|---|
| | WORK AREA | | TYPE III BARRICADE |
| | SHOULDER IMPROVEMENTS | | VERTICAL PANEL WITH STEADY BURN LIGHT |
| | DIRECTION OF TRAFFIC | | IMPACT ATTENUATOR |
| | TEMPORARY CONCRETE BARRIER | | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE) |
| | DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT) | | TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW) |
| | DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER) | | TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH) |

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

 QUIGG ENGINEERING INC	USER NAME = tneffsmith		DESIGNED - SL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 2 FAI-39 (I-39) OVER I-80				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633' / in.		DRAWN - SL	REVISED -		39	50-5HB	LASALLE	91	32				
	PLOT DATE = 3/18/2025		CHECKED - SDM	REVISED -		SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 1003+10.62 TO STA. 1004+00.00				CONTRACT NO. 66N36				
			DATE - 11/1/2024	REVISED -						ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 2 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P4 | Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-rt-staging_stage2.dgn



NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- | | | | |
|--|--|--|---|
| | WORK AREA | | TYPE III BARRICADE |
| | SHOULDER IMPROVEMENTS | | IMPACT ATTENUATOR |
| | DIRECTION OF TRAFFIC | | ① TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE) |
| | TEMPORARY CONCRETE BARRIER | | ② TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW) |
| | DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT) | | ③ TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH) |
| | DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER) | | |
- NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



QUIGG ENGINEERING INC.

USER NAME	= smaxwell
DESIGNED	- SL
DRAWN	- SL
CHECKED	- SDM
DATE	- 11/1/2024
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 3/20/2025

DESIGNED	- SL
DRAWN	- SL
CHECKED	- SDM
DATE	- 11/1/2024
REVIS	-
REVIS	-
REVIS	-
REVIS	-

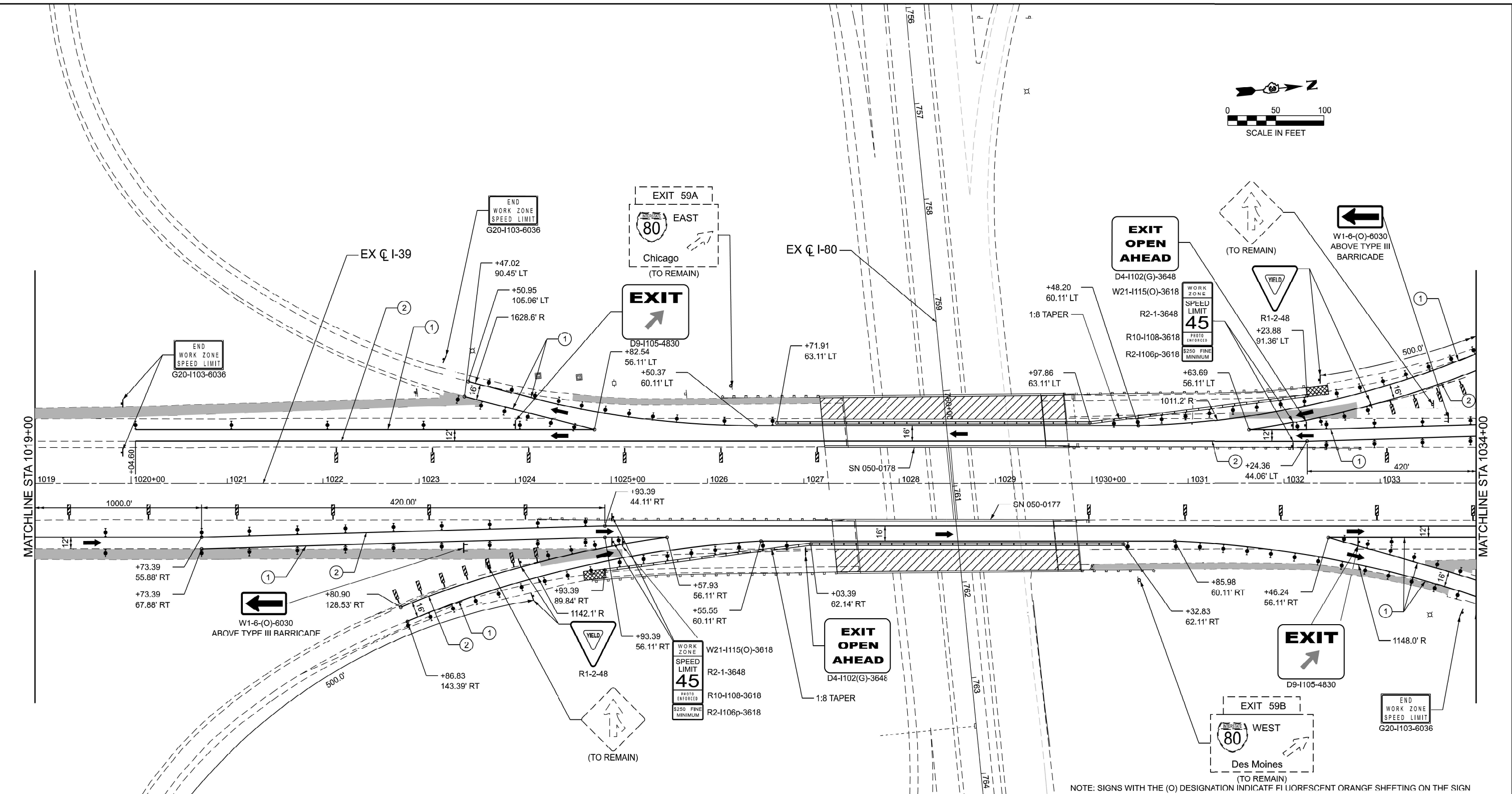
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 2 FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 1004+00.00 TO STA. 1019+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	33
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 3 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P41 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_stage2.dgn



LEGEND

- | | |
|--|---|
| WORK AREA | TYPE III BARRICADE |
| SHOULDER IMPROVEMENTS | VERTICAL PANEL WITH STEADY BURN LIGHT |
| DIRECTION OF TRAFFIC | IMPACT ATTENUATOR |
| TEMPORARY CONCRETE BARRIER | ① TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE) |
| DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT) | ② TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW) |
| DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER) | ③ TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH) |

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



USER NAME = smaxwell	DESIGNED - SL	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - SL	REVISED -
PLOT DATE = 3/20/2025	CHECKED - SDM	REVISED -
	DATE - 11/1/2024	REVISED -

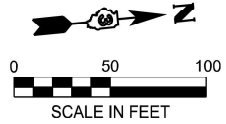
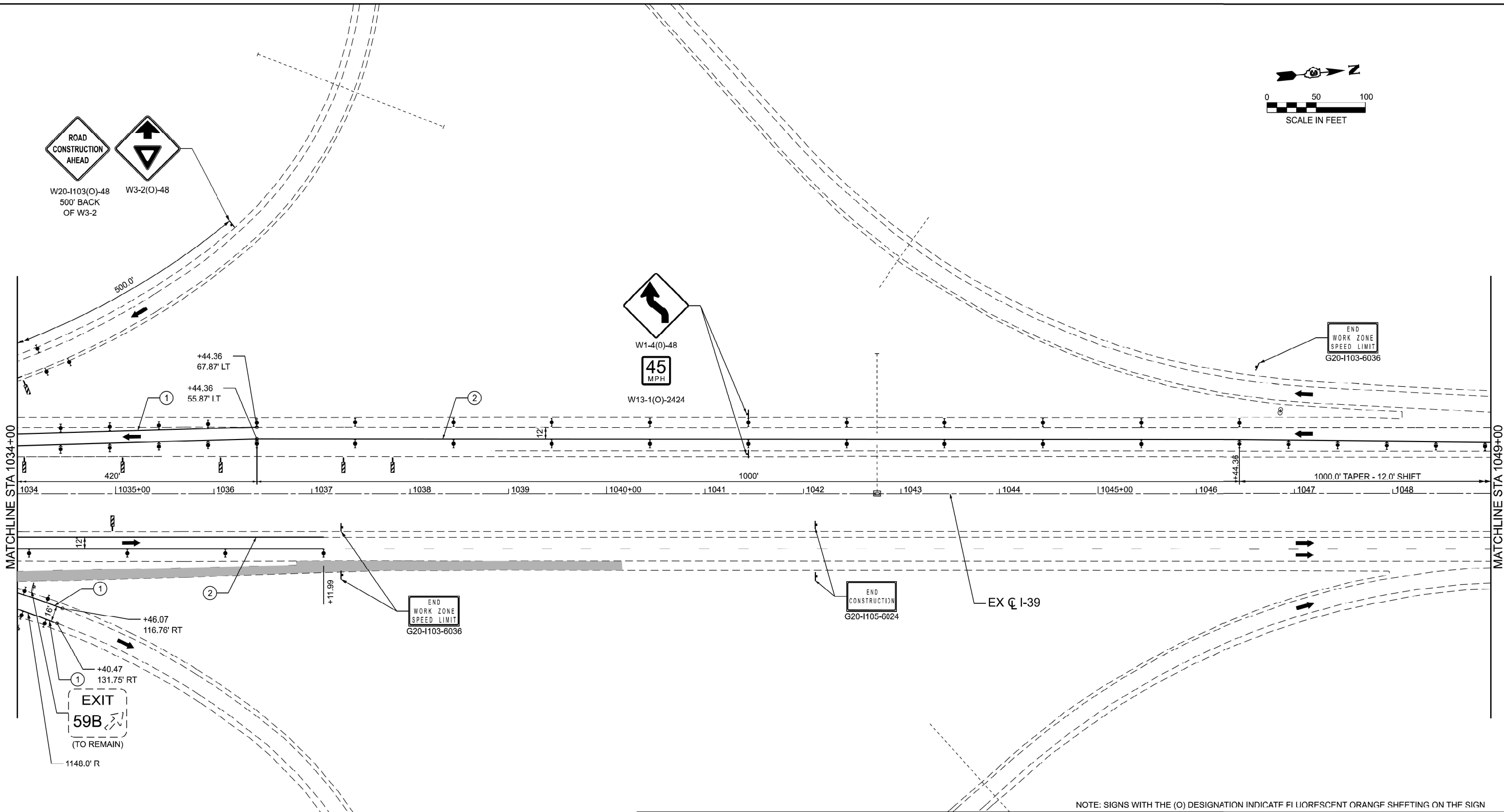
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 2
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 1019+00.00 TO STA. 1034+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	34
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 4 (Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth - Var P4 - I-80\CADD\CADD Sheets\I39-66691-rt-staging_stage2.dgn



LEGEND

- | | |
|--|---|
| WORK AREA | TYPE III BARRICADE |
| SHOULDER IMPROVEMENTS | VERTICAL PANEL WITH STEADY BURN LIGHT |
| DIRECTION OF TRAFFIC | IMPACT ATTENUATOR |
| TEMPORARY CONCRETE BARRIER | ① TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE) |
| DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT) | ② TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW) |
| DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER) | ③ TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH) |

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



QUIGG ENGINEERING INC.

USER NAME	= tneffsmith
DESIGNED	- SL
DRAWN	- SL
CHECKED	- SDM
DATE	- 11/1/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

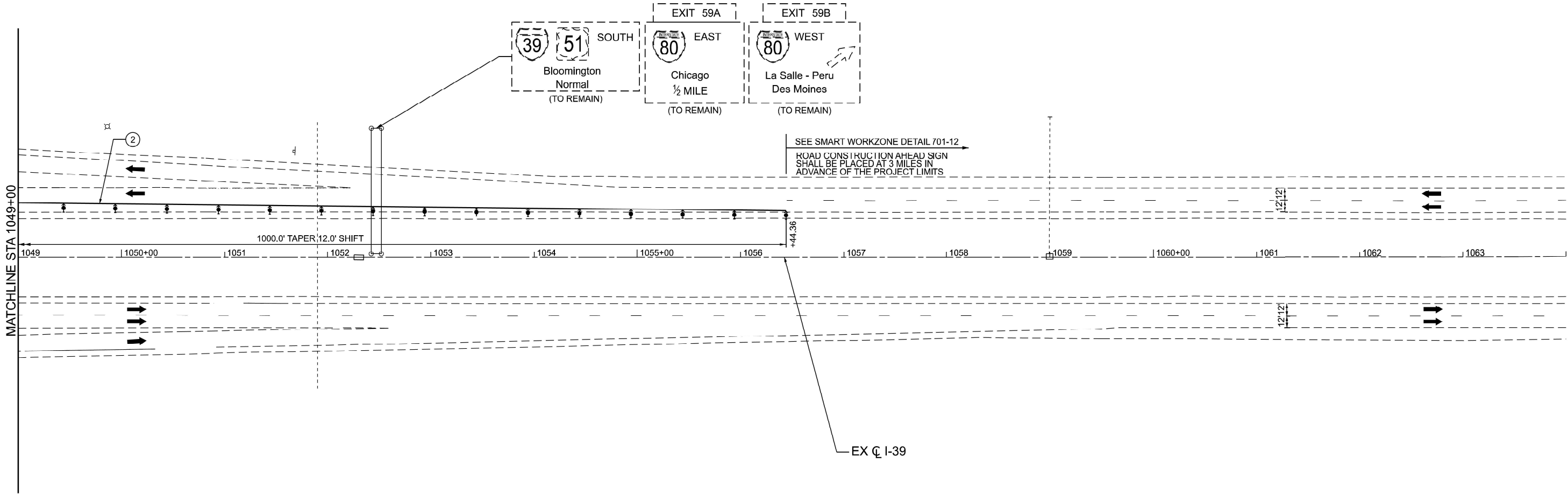
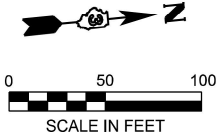
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 2
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 1034+00.00 TO STA. 1049+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	35
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Plan 5 (Sheet)
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farmworth - Var P4 - Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-rt-staging_stage2.dgn



LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

- NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.
- TYPE III BARRICADE
 - VERTICAL PANEL WITH STEADY BURN LIGHT
 - IMPACT ATTENUATOR
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
 - TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)



QUIGG ENGINEERING INC.

USER NAME =	triffsmith	DESIGNED -	SL	REVISED -	
DRAWN -	SL	REVIS			
PLOT SCALE =	0.16666633' / in.	CHECKED -	SDM	REVISED -	
PLOT DATE =	3/18/2025	DATE -	3/14/2025	REVISED -	

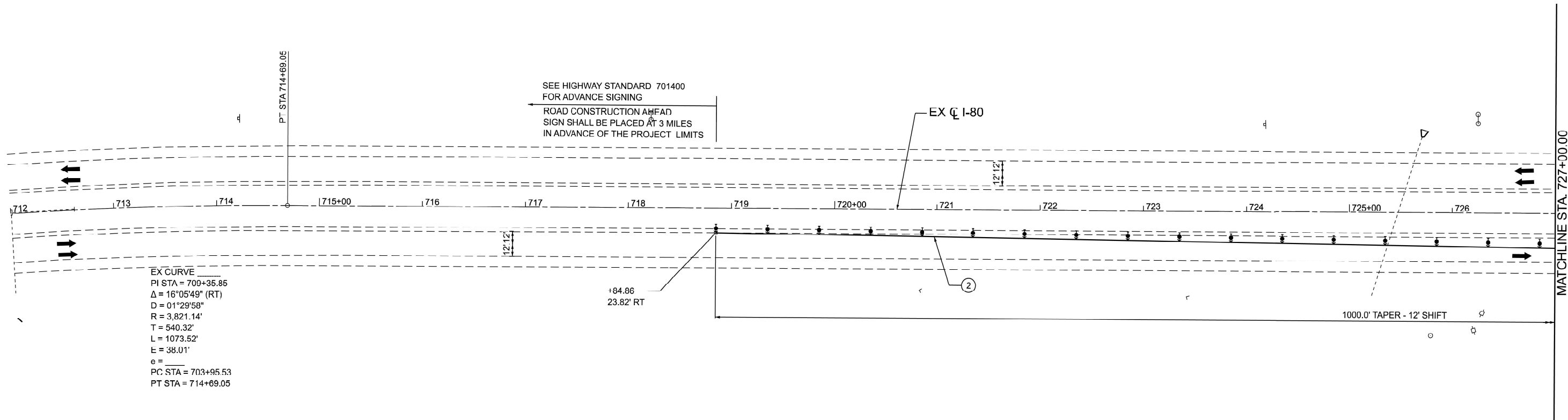
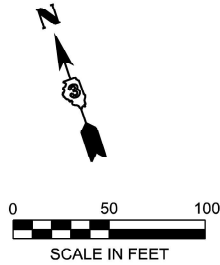
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-39 STAGE 2
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. 1049+00.00 TO STA. 1061+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	36
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: I-80_PreStage_001 [Sheet]
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I-80-PreStage.dgn



LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- (1) TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- (2) TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- (3) TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)



QUIGG ENGINEERING INC.

USER NAME = tneffsmith	DESIGNED - TNS	REVISED - _____
	DRAWN - TNS	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED - _____
PLOT DATE = 3/13/2025	DATE - 03/14/25	REVISED - _____

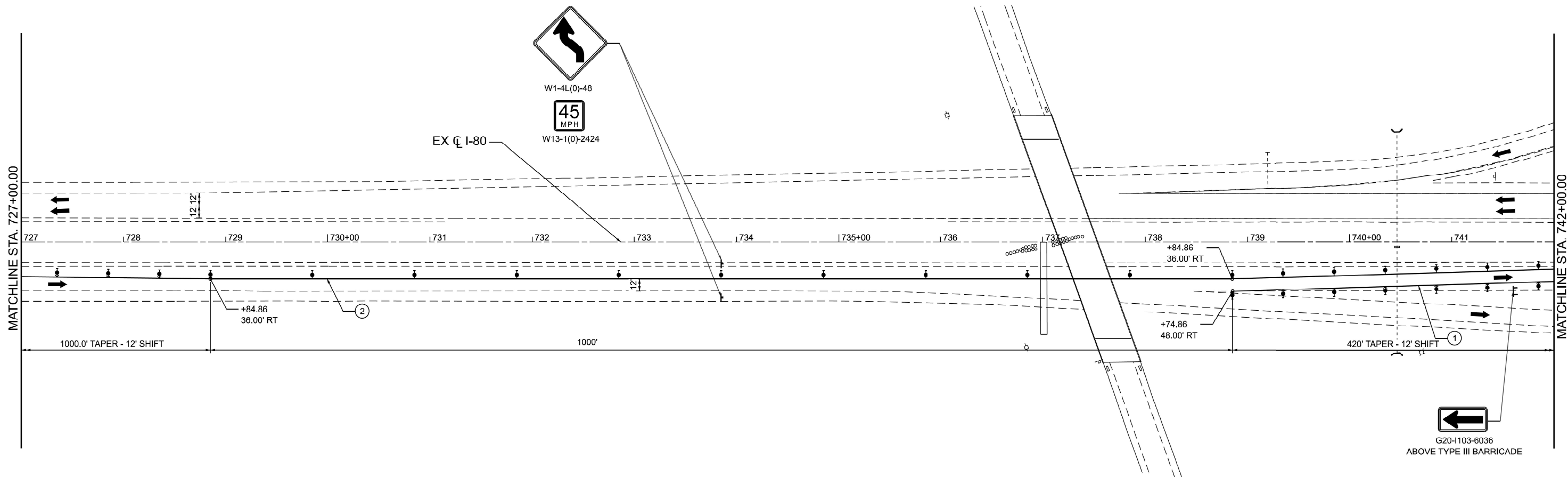
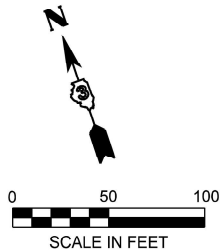
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 PRE-STAGE
FAI-39 (I-39) OVER I-80

SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 712+00.00 TO STA. 727+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	37
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: I-80_PreStage_002(Sheet)
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth-Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-shf-staging_I-80_prestage.dgn



NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)
- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



USER NAME = tneffsmith	DESIGNED - TNS	REVISED - _____
	DRAWN - TNS	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED - _____
PLOT DATE = 3/19/2025	DATE - 03/14/25	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 PRE-STAGE
FAI-39 (I-39) OVER I-80

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 727+00.00 TO STA. 742+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	38
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: I-80 Prestage_004 [Sheet]
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Farnsworth - Var PH1 Structures\WO 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I396N36-sht-staging_I-80_prestage.dgn



USER NAME	= SMaxwell
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 4/23/2025

DESIGNED -	MKB
DRAWN -	MKB
CHECKED -	SM
DATE -	3/14/2025

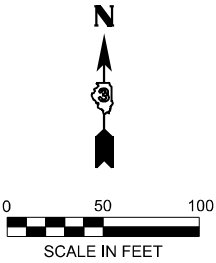
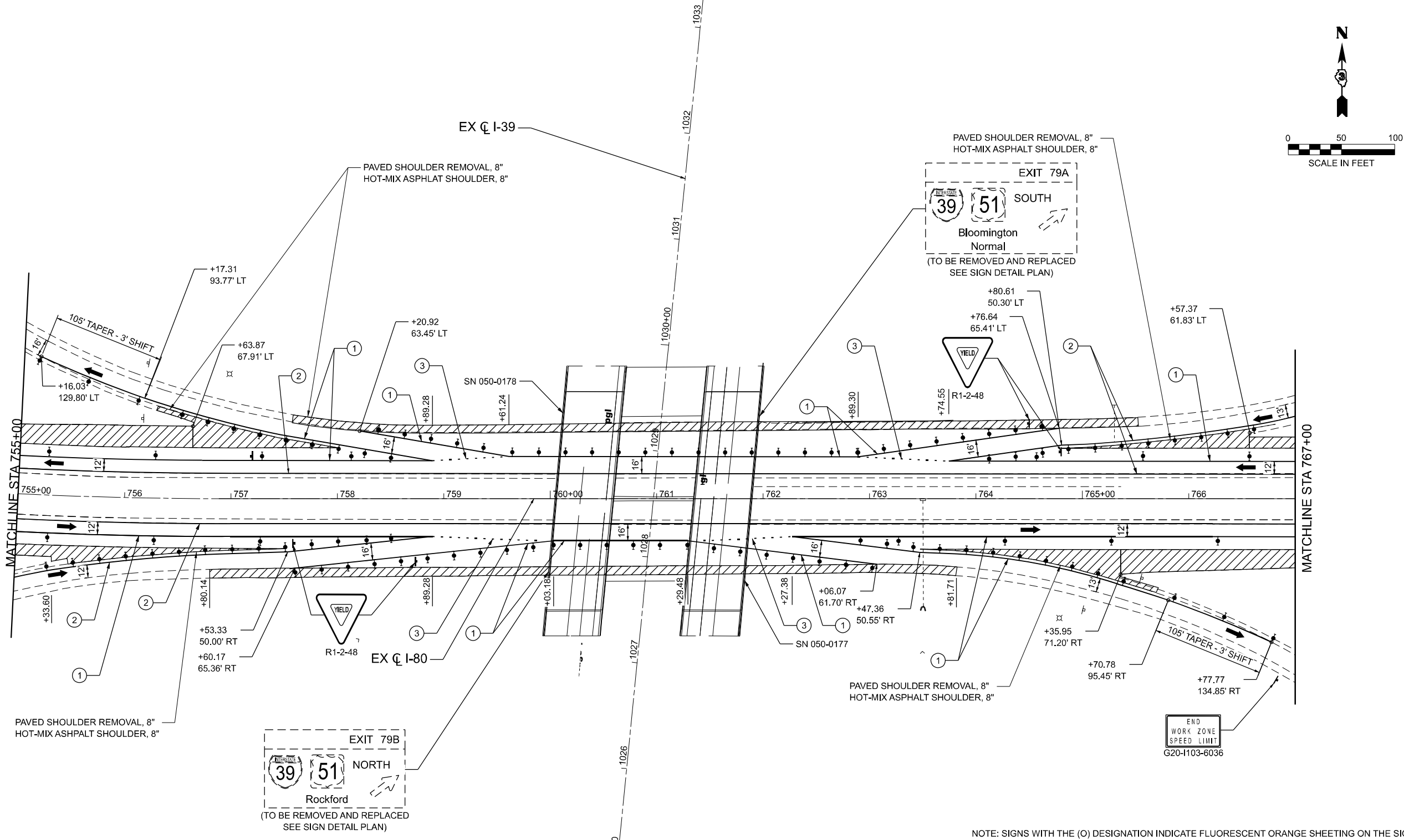
REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 PRE-STAGE
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. 755+00.00 TO STA. 767+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	40
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				



LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

- NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.
- TYPE III BARRICADE
 - VERTICAL PANEL WITH STEADY BURN LIGHT
 - IMPACT ATTENUATOR
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
 - TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

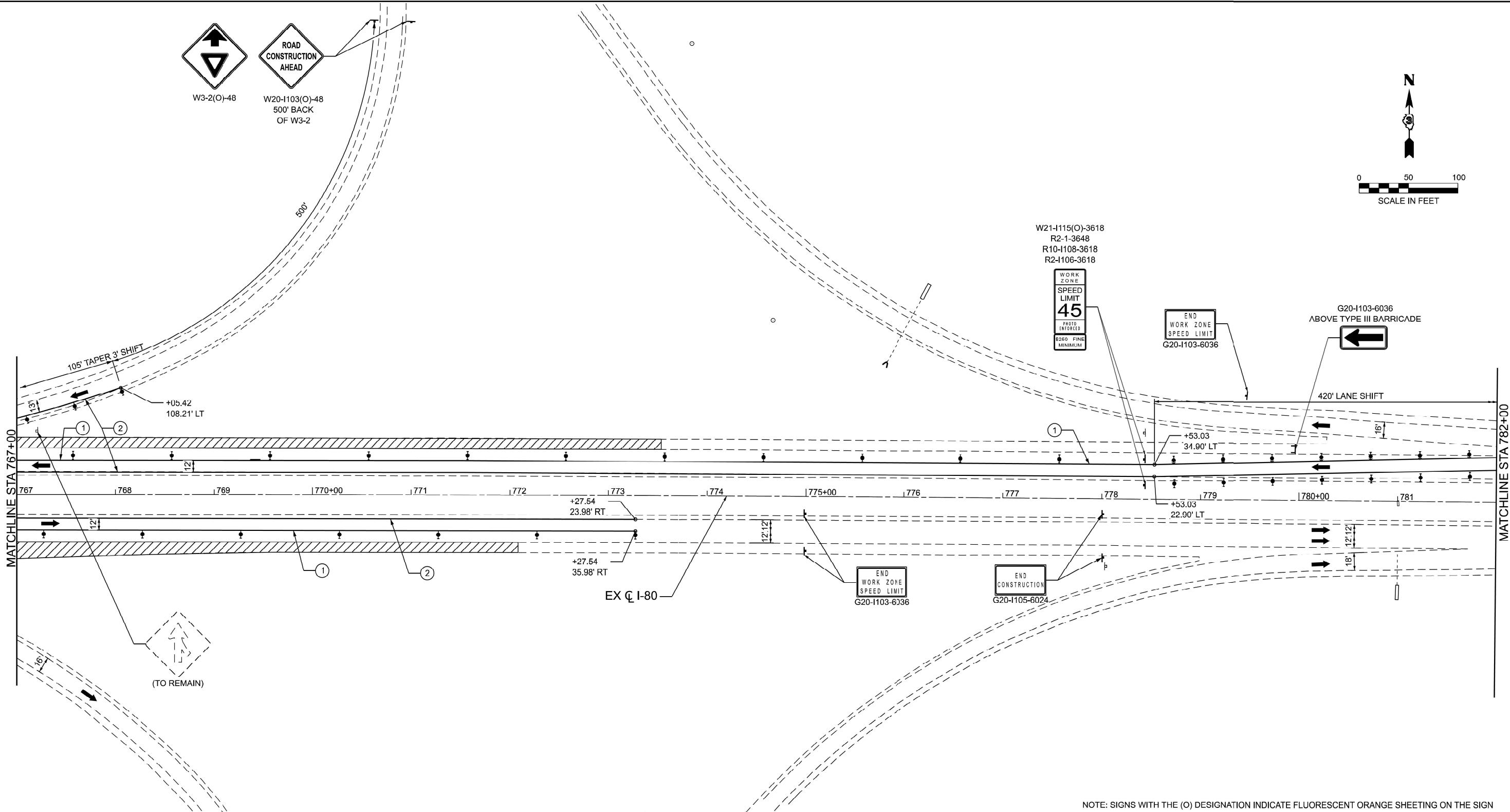
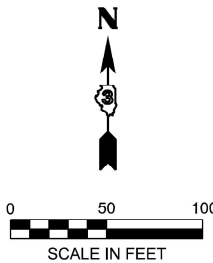
MODEL: I-80 Prestage_005_Sheet.dgn
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth- Var P4\1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I-80 Prestage.dgn



W3-2(O)-48



W20-I103(O)-48
500' BACK
OF W3-2



LEGEND



WORK AREA



SHOULDER IMPROVEMENTS



DIRECTION OF TRAFFIC



TEMPORARY CONCRETE BARRIER



DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)



DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

TYPE III BARRICADE

VERTICAL PANEL WITH STEADY BURN LIGHT

IMPACT ATTENUATOR

(1) TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)

(2) TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)

(3) TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)



QUIGG ENGINEERING INC.

USER NAME = tneffsmith

PLOT SCALE = 0.16666633' / in.

PLOT DATE = 3/19/2025

DESIGNED - MKB

DRAWN - MKB

CHECKED - SM

DATE - 3/14/2025

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 PRE-STAGE
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50'

SHEET 5

OF 7

SHEETS

STA. 767+00.00

TO STA. 782+00.00

F.A.

RTE.

39

SECTION

50-5HB

COUNTY

LASALLE

TOTAL SHEETS

91

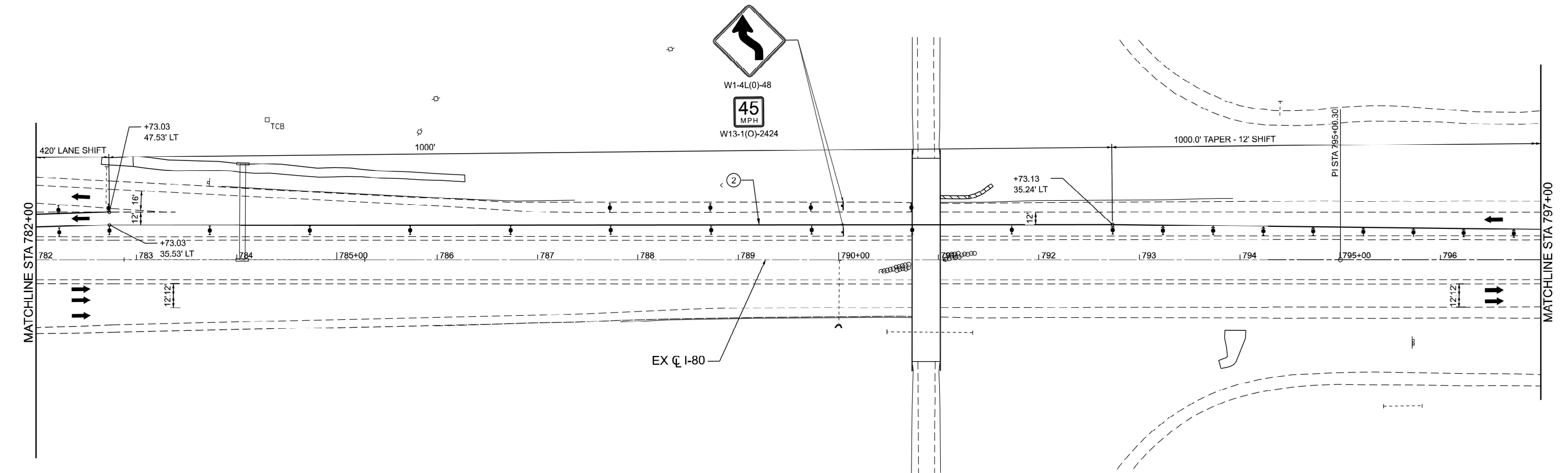
SHEET NO.

41

CONTRACT NO. 66N36

ILLINOIS FED. AID PROJECT

MODEL: I-80_PreStage_006 [Sheet]
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth-Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-shf-staging_I-80_prestage.dgn



NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

TYPE III BARRICADEVERTICAL PANEL WITH STEADY BURN LIGHTIMPACT ATTENUATORTEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.



QUIGG ENGINEERING INC.

USER NAME = tneffsmith	DESIGNED - TNS	REVISED - _____
	DRAWN - TNS	REVISED - _____
PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED - _____
PLOT DATE = 3/19/2025	DATE - 03/14/25	REVISED - _____

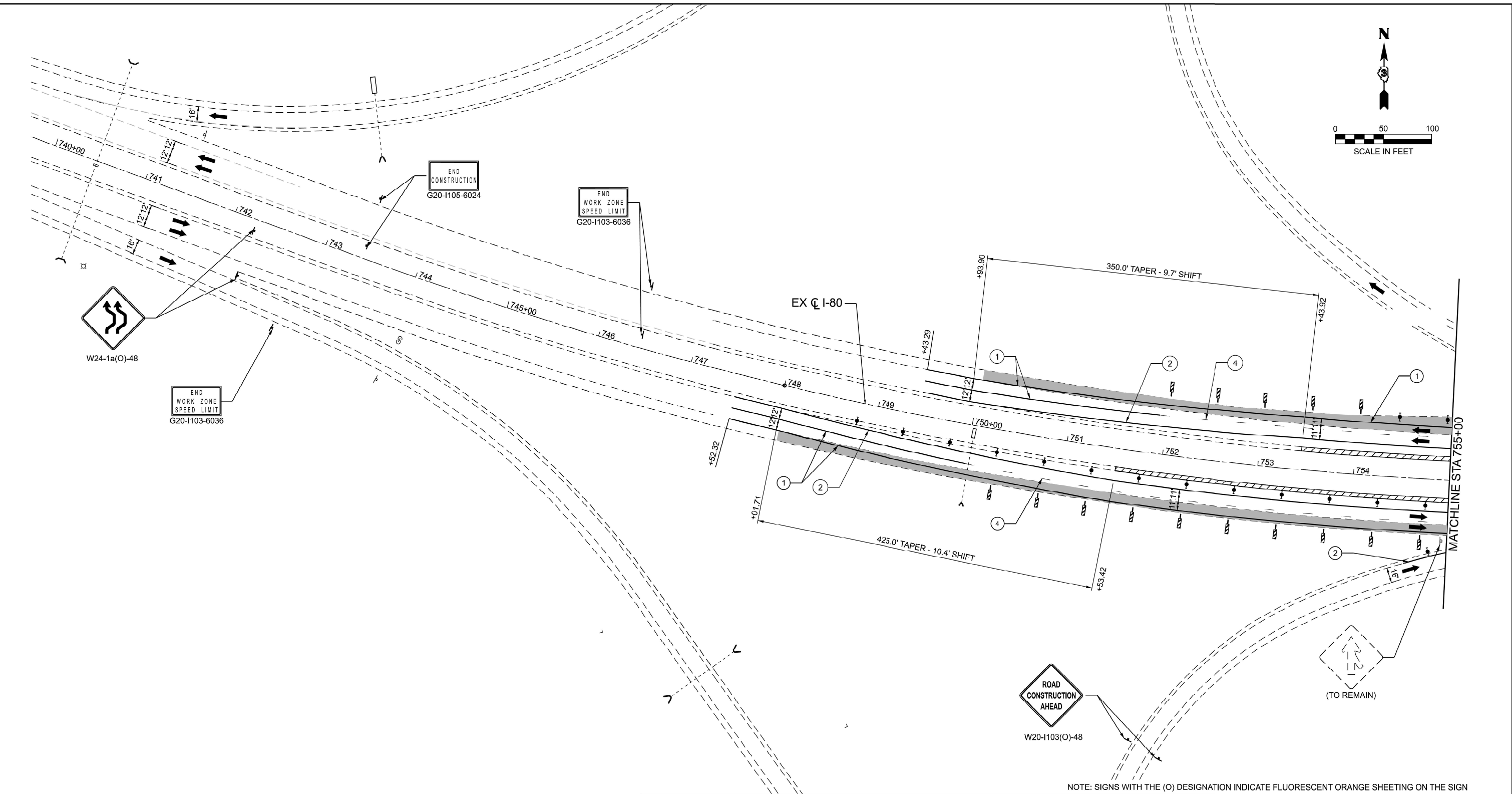
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 PRE-STAGE
FAI-39 (I-39) OVER I-80

SCALE: 1"=50' SHEET 6 OF 7 SHEETS STA. 782+00.00 TO STA. 797+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	42
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plot-2 - Staging - I-80 Stage 1_001 [Sheet]
FILE NAME: S:\2022\22IL067-PTB 204-30-03- Farnsworth-Var P-1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I366A91-ert-staging I-80_stage1.dgn



LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

- NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.
- TYPE III BARRICADE
 - VERTICAL PANEL WITH STEADY BURN LIGHT
 - IMPACT ATTENUATOR
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
 - TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SKIP DASH WHITE - 30 SKIP 10 DASH)



USER NAME = tneffsmith	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/19/2025	DATE - 3/14/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 STAGE A
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 740+00.00 TO STA. 755+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	44
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plot-2 - Staging - I-80 Stage 1_002 [Sheet]
FILE NAME: S:\2022\221067-PTB 204-30-03- Fairweather-Var P-1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging-I-80-stage1.dgn



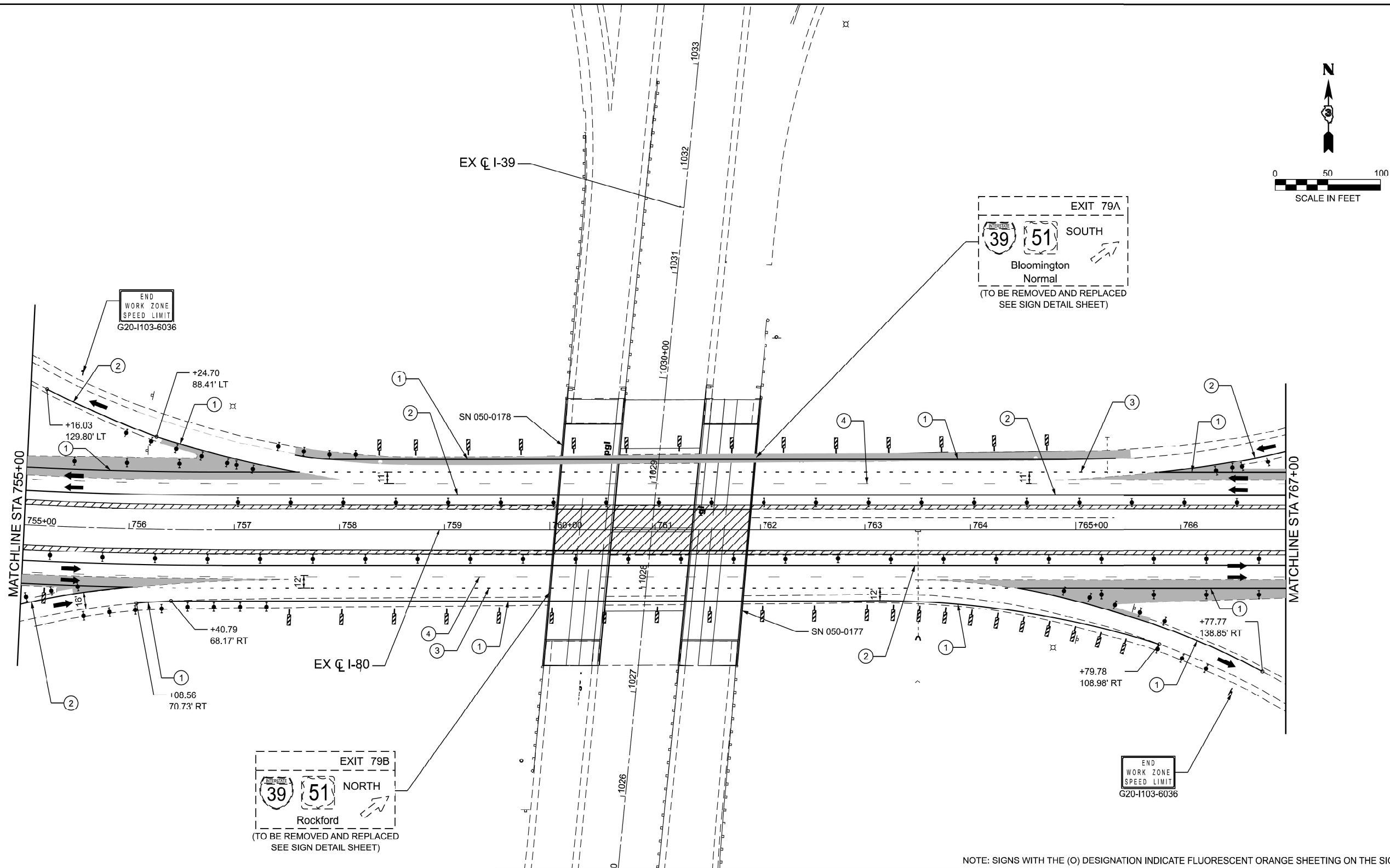
USER NAME	= tneffsmith	DESIGNED	- RG	REVISED	-
DRAWN	- RG	REVISIONS	-	REVISIONS	-
PLOT SCALE	= 0.16666633' / in.	CHECKED	- SDM	REVISIONS	-
PLOT DATE	= 3/19/2025	DATE	- 3/14/2025	REVISIONS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 STAGE A
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 755+00.00 TO STA. 767+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	45
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				



LEGEND

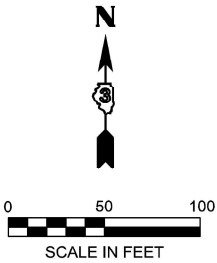
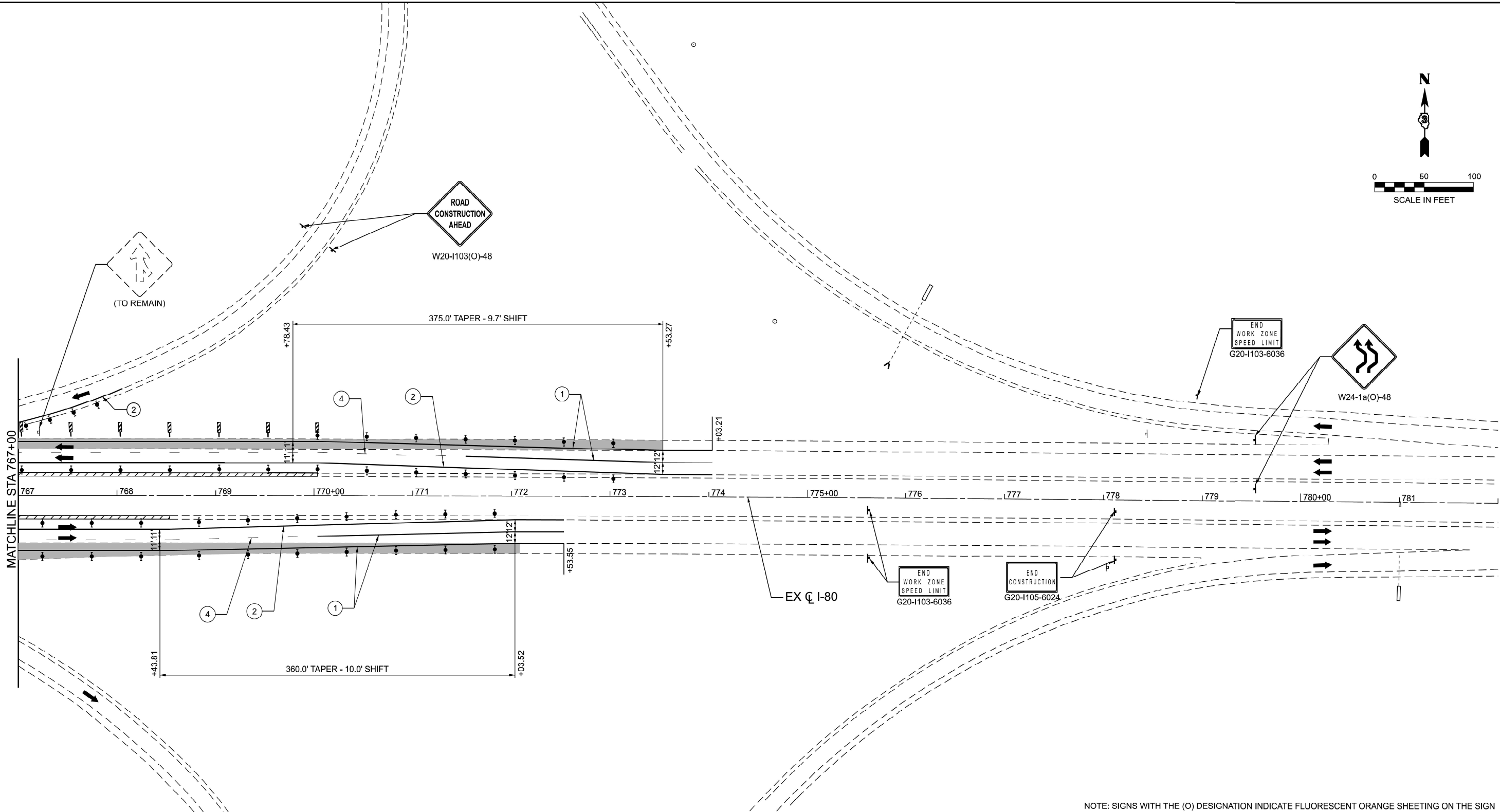
- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SKIP DASH WHITE - 30 SKIP 10 DASH)

MODEL: Unnamed Plot-2 - Staging - I-80 Stage 1_013 [Sheet]
FILE NAME: S:\2022\221067 - PTB 204-30 - 03 - Fairsworth - var P-1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging_I-80_stage1.dgn



LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- ① TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- ② TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- ③ TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SKIP DASH WHITE - 30 SKIP 10 DASH)



QUIGG ENGINEERING INC.

USER NAME = tneffsmith
PLOT SCALE = 0.16666633' / in.
PLOT DATE = 3/19/2025

DESIGNED - RG
DRAWN - RG
CHECKED - SDM
DATE - 3/14/2025

REVISED -
REVISED -
REVISED -
REVISED -

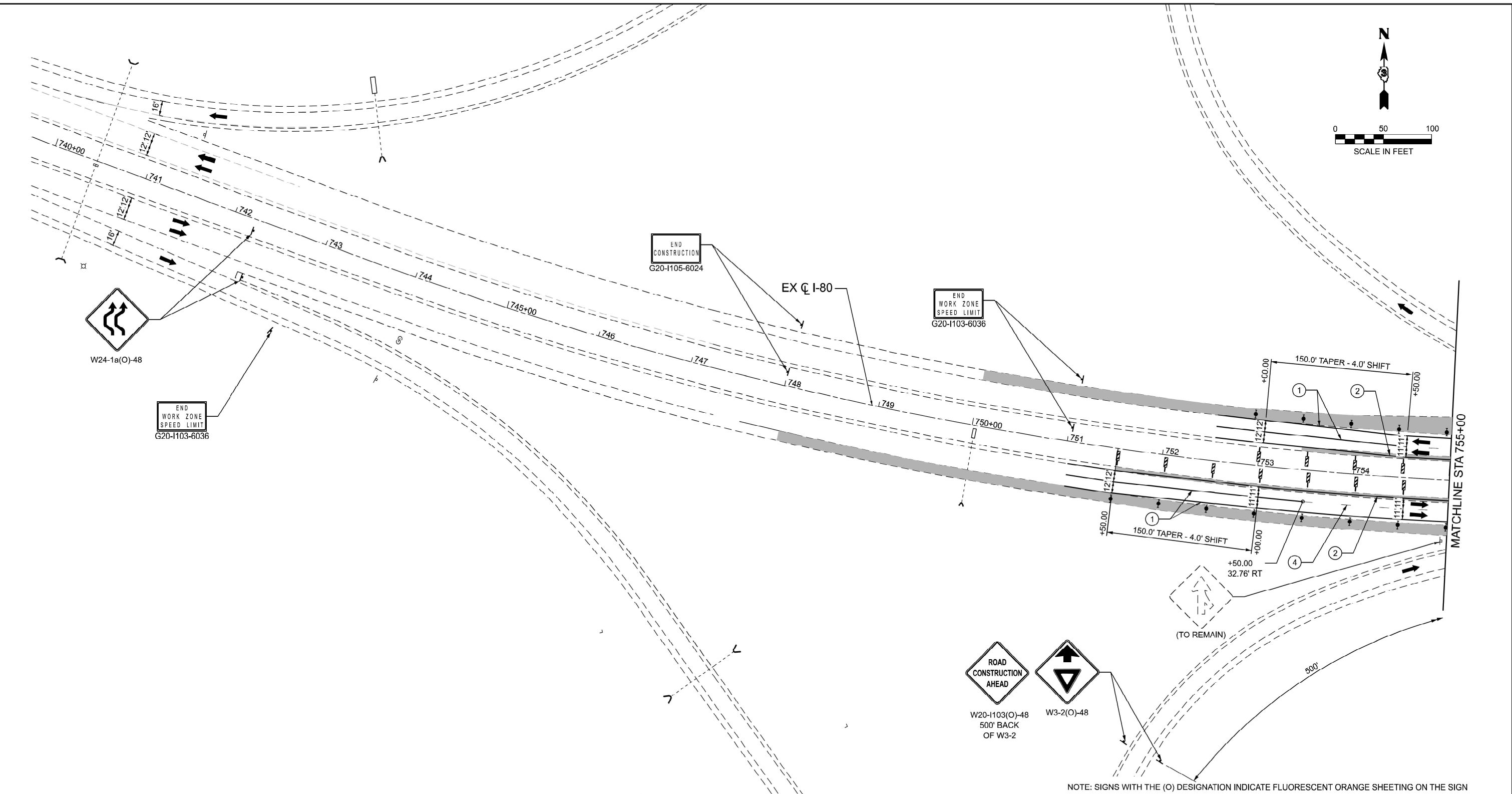
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 STAGE A
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 767+00.00 TO STA. 782+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	46
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plot-2 - Staging - I-80 Stage 1_001 [Sheet]
FILE NAME: S:\2022\221067-PTB 204-30-03- Farnsworth-Var P-1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I396A91-ert-staging I-80_stage2.dgn



LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

- NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.
- TYPE III BARRICADE
 - VERTICAL PANEL WITH STEADY BURN LIGHT
 - IMPACT ATTENUATOR
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
 - TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SKIP DASH WHITE - 30 SKIP 10 DASH)

	USER NAME = tneffsmith			DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			MAINTENANCE OF TRAFFIC PLANS - I-80 STAGE B FAI-39 (I-39) OVER I-80			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - RG			CHECKED - SDM	REVISED -							39	50-5HB	LASALLE	91	47
	PLOT SCALE = 0.16666633' / in.			DATE - 3/14/2025	REVISED -							CONTRACT NO. 66N36				
	PLOT DATE = 3/19/2025								SCALE: 1" = 50'	SHEET 1	OF 3 SHEETS	STA. 740+00.00	TO STA. 755+00.00	ILLINOIS FED. AID PROJECT		

MODEL: Unnamed Plot-2 - Staging - I-80 Stage 1_002 [Sheet]
FILE NAME: S:\2022\221067-PTB 204-30-03- Fairsworth-Var P4\Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-ert-staging I-80_stage2.dgn



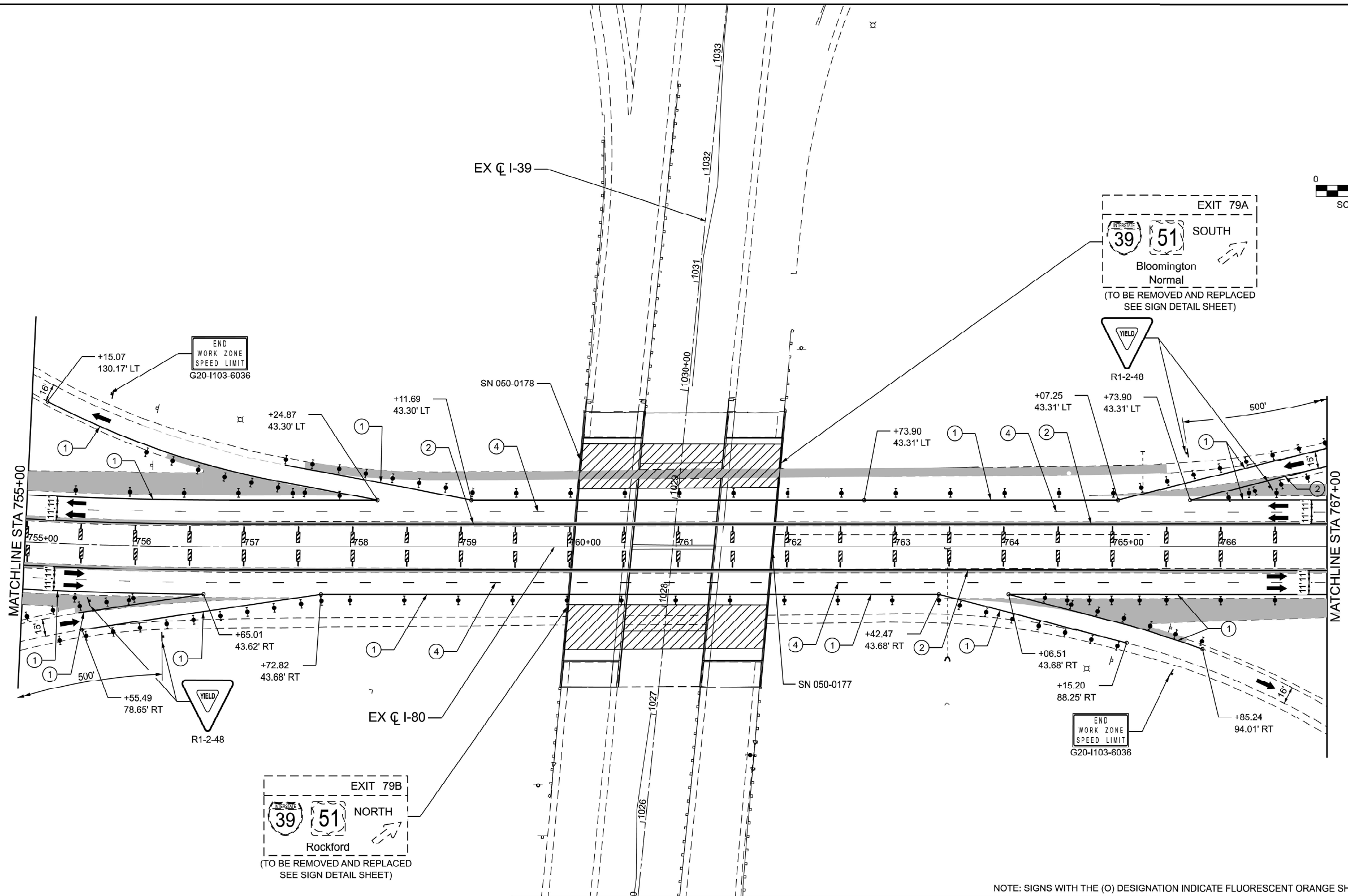
USER NAME	= tneffsmith	DESIGNED -	RG	REVISED -	
DRAWN -	RG	REVISED -			
PLOT SCALE	= 0.16666633' / in.	CHECKED -	SDM	REVISED -	
PLOT DATE	= 3/19/2025	DATE -	3/14/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 STAGE B
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 755+00.00 TO STA. 767+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	48
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

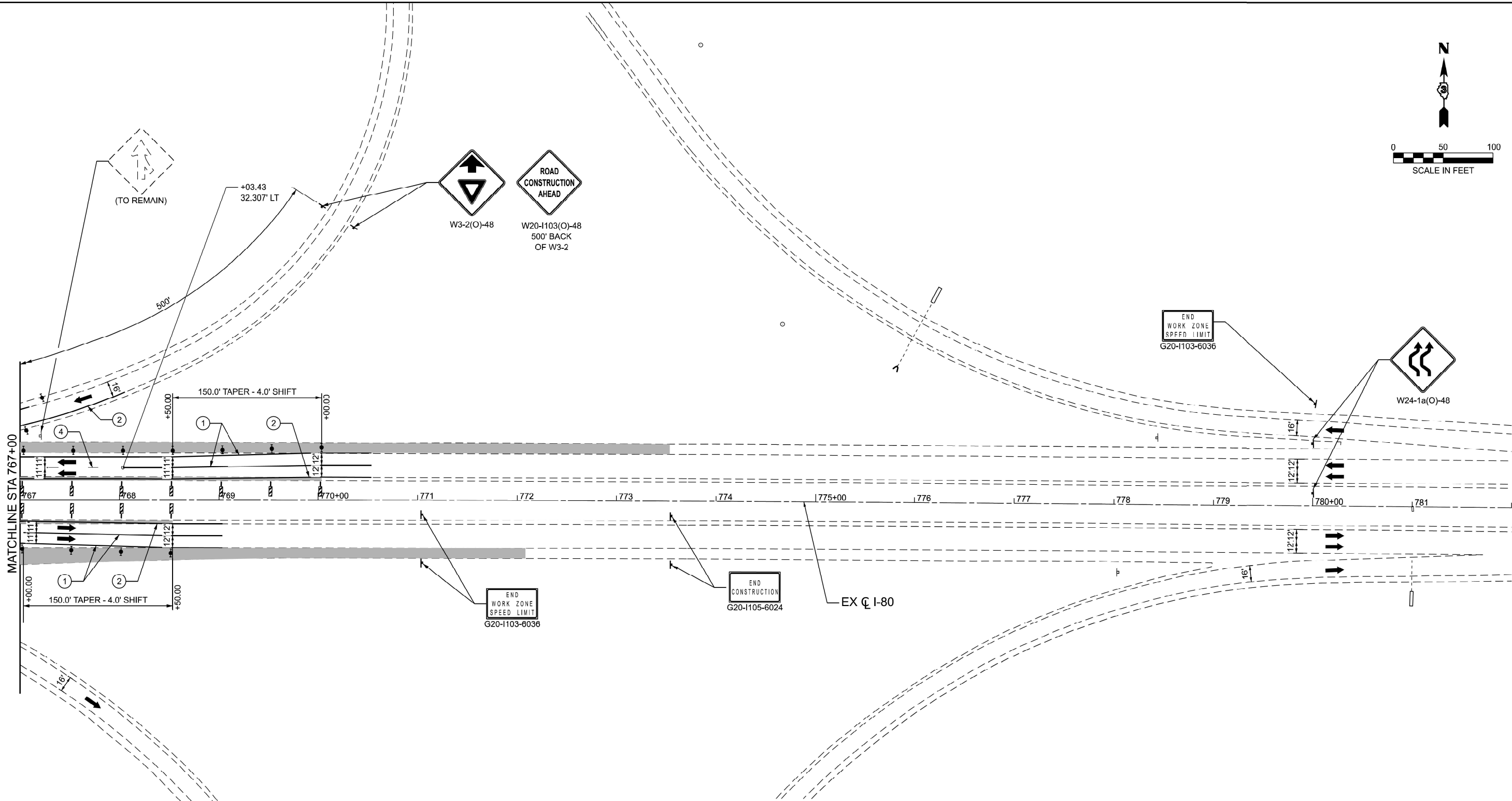


LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

- NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN
- NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.
- TYPE III BARRICADE
 - VERTICAL PANEL WITH STEADY BURN LIGHT
 - IMPACT ATTENUATOR
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
 - TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SKIP DASH WHITE - 30 SKIP 10 DASH)

MODEL: Unnamed Plan-2 - Staging - I-80 Stage 1_013 [Sheet]
FILE NAME: S:\2022\221067 - PTB 204-30 - D3 - Fairsworth - var P-1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\I3966A91-sht-staging_I-80_stage2.dgn



LEGEND

- WORK AREA
- SHOULDER IMPROVEMENTS
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- DIRECTIONAL INDICATOR BARRICADE (WITH STEADY BURN MONODIRECTIONAL LIGHT)
- DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHTS ON TAPER)

NOTE: SIGNS WITH THE (O) DESIGNATION INDICATE FLUORESCENT ORANGE SHEETING ON THE SIGN

NOTE: OFFSET FOR TEMPORARY CONCRETE BARRIER IS FOR TRAFFIC SIDE OF BARRIER.

- TYPE III BARRICADE
- VERTICAL PANEL WITH STEADY BURN LIGHT
- IMPACT ATTENUATOR
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SOLID YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 8" - MODIFIED URETHANE (DOTTED - 9' SKIP 3' DASH)
- TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE (SKIP DASH WHITE - 30 SKIP 10 DASH)



QUIGG ENGINEERING INC.

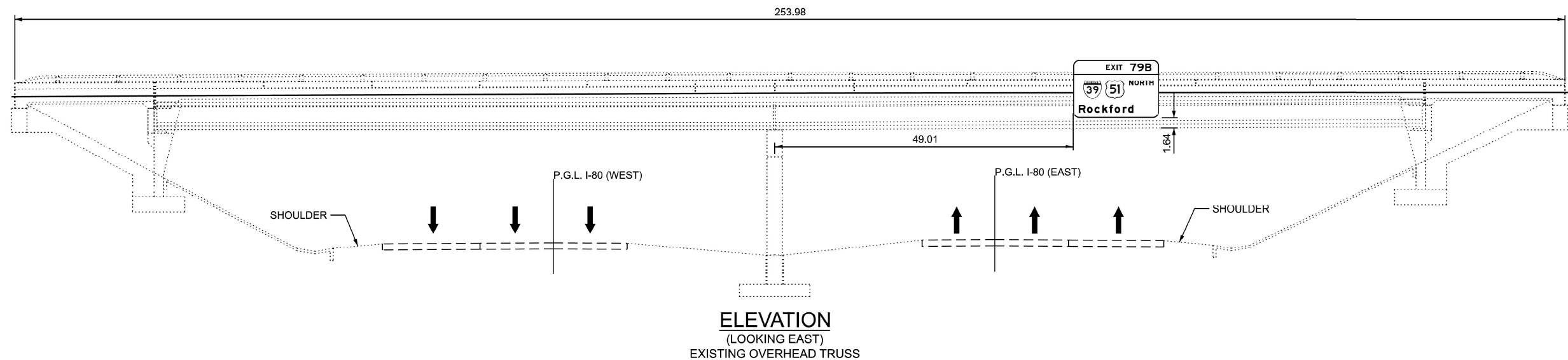
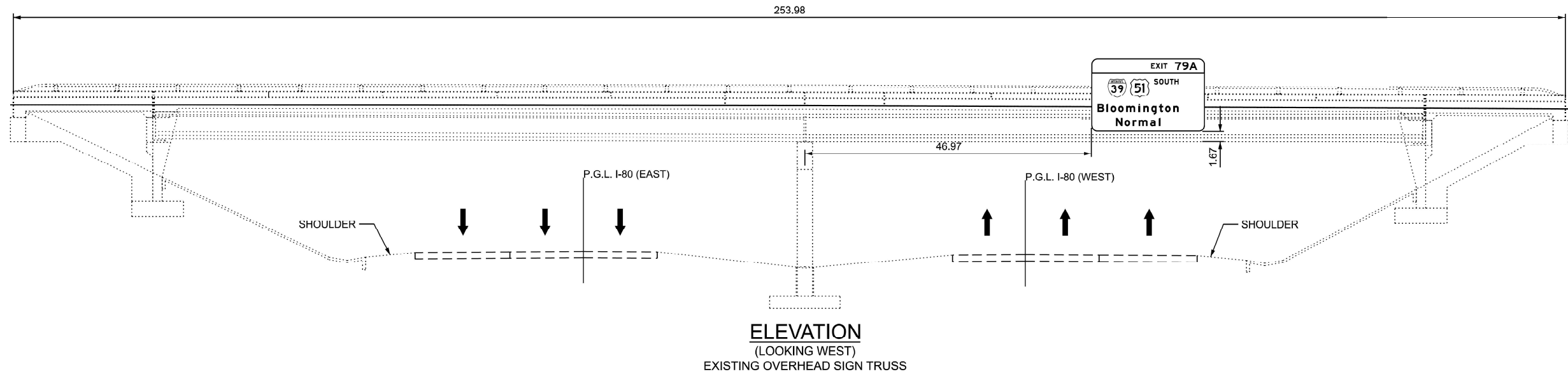
USER NAME	= tneffsmith	DESIGNED	- RG	REVISED	-
DRAWN	- RG	REVIS	-		
PLOT SCALE	= 0.16666633' / in.	CHECKED	- SDM	REVISED	-
PLOT DATE	= 3/19/2025	DATE	- 3/14/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - I-80 STAGE B
FAI-39 (I-39) OVER I-80

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 767+00.00 TO STA. 782+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	49
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				



MODEL: Details - Plan 1 [Sheet]
FILE NAME: S:\2022\221067-PTB 204-30 - D3 - Farnsworth- Var P4-1 Structures\WC 10 - supp PSE at I-39 and I-80\CADD\CADD Sheets\366A91-ef-bridge_detail.dgn



USER NAME = mbennett	DESIGNED - SM	REVISED -
	DRAWN - SM	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SDM	REVISED -
PLOT DATE = 3/12/2025	DATE - 3/14/2025	REVISED -

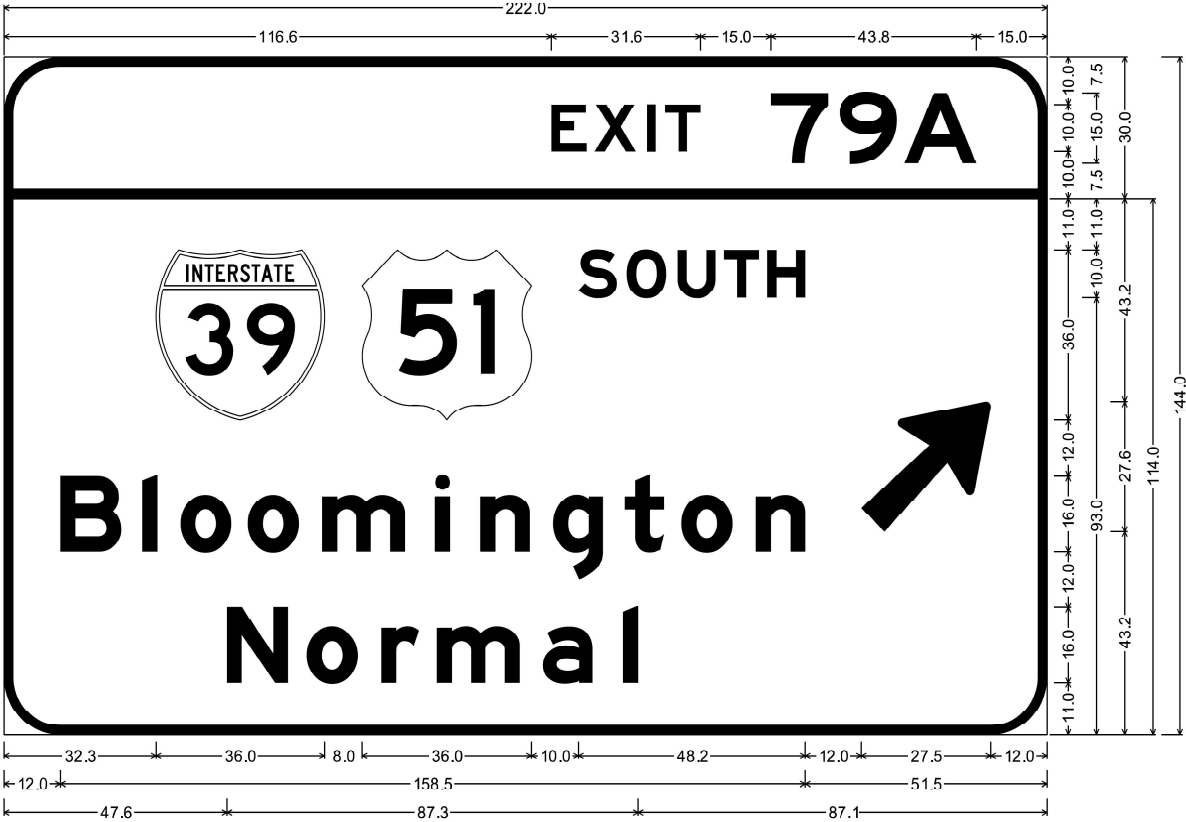
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE MOUNTED SIGN ELEVATION VIEW
FAI-39 (I-39) OVER I-80**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	50
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: S:\2022\221067 - FTB 204-30 - D3 - Farnsworth - Var P41 Structures\VC 10 - supp PSE a: I-39 and I-80\CADD\CADD Sheets\I366A91-efr-signing_detail.dgn

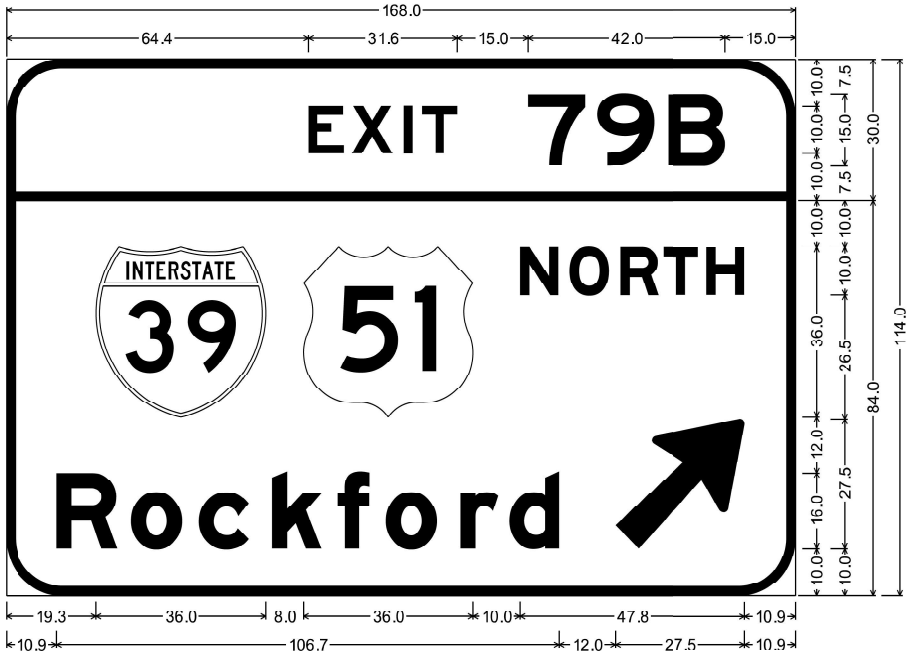


12.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K 120% spacing; " 79A", E 2K;

12.0" Radius, 2.0" Border, White on Green;
"SOUTH", E Mod 2K; "Bloomington", E Mod 2K; "Normal", E Mod 2K; Arrow 160 - 35.0" 45°;

Table of letter and object lefts

E	X	I	T	7	9	A
116.6	125.8	136.9	140.7	163.2	177.9	191.7
●	■	S	O	U	T	H
32.3	76.3	122.3	132.5	143.3	153.2	162.4
B	I	O	M	I	N	G
12.0	29.4	37.6	52.0	67.8	91.8	101.4
N	O	R	M	A	I	
47.6	64.5	80.4	92.2	114.8	131.7	



12.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K 120% spacing; " 79B", E 2K;

12.0" Radius, 2.0" Border, White on Green;
"NORTH", E Mod 2K; "Rockford", E Mod 2K; Arrow 160 - 35.0" 45°;

Table of letter and object lefts

E	X	I	T	7	9	B
64.4	73.6	84.7	88.5	111.0	125.7	140.9
●	■	N	O	R	T	H
19.3	63.3	109.3	119.8	130.6	139.8	149.0
R	O	C	K	F	O	R
10.9	26.7	41.1	56.6	70.6	80.8	96.6



QUIGG ENGINEERING INC.

USER NAME	= slemanski
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 9/19/2024

DESIGNED	- TNS
DRAWN	- TNS
CHECKED	- SM
DATE	- 3/14/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

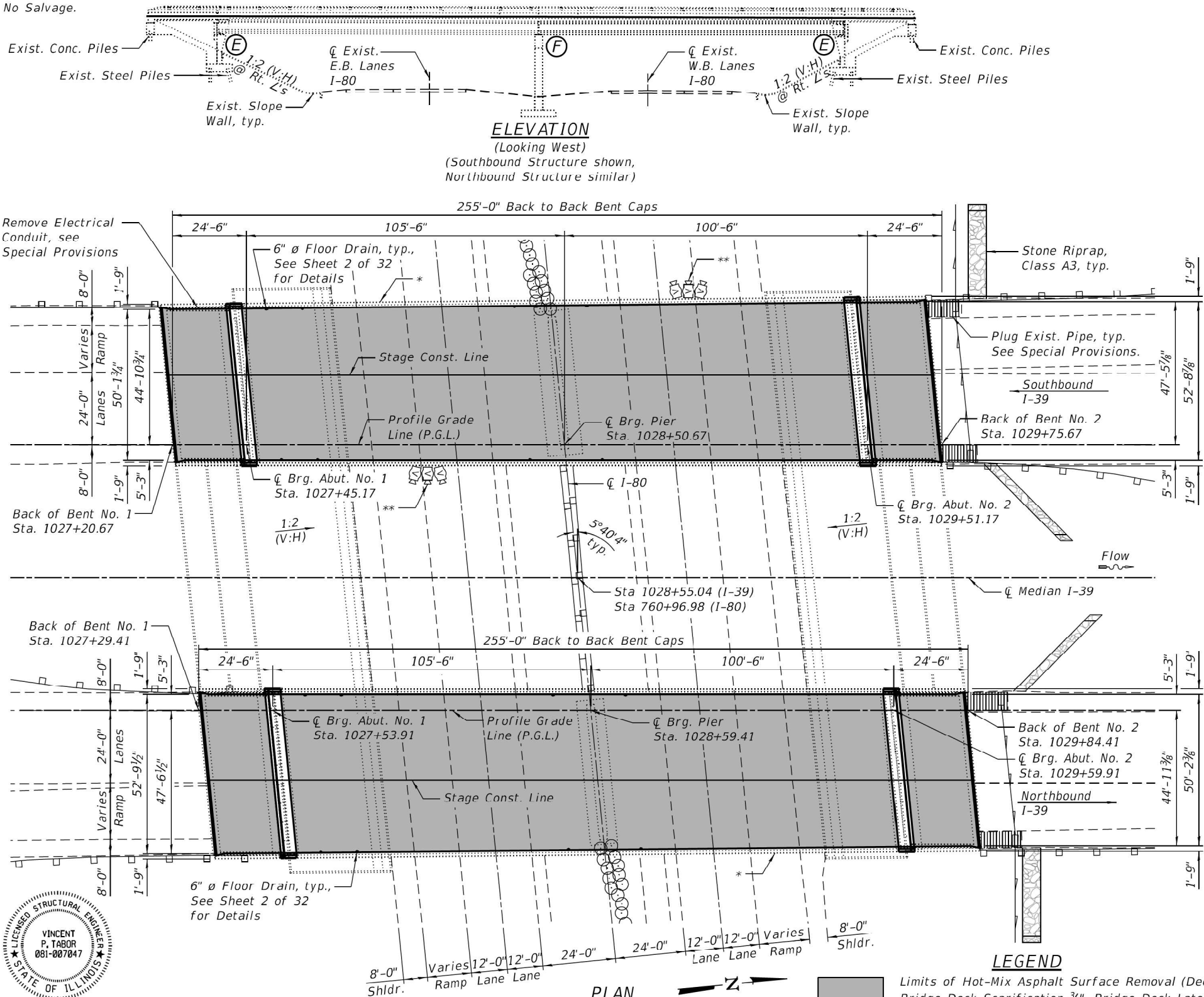
SIGN DETAIL
FAI-39 (I-39) OVER I-80

SCALE: N/A SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	51
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

Existing Structure: S.N. 050-0177 (N.B.) and S.N. 050-0178 (S.B.) were constructed in 1979 as Section 50-5HB. In 1989, joint and crack fills were performed on both structures. In 2003, there were 10 floor drain extensions, epoxy crack sealant placed on the abutments, riprap placement along the slopewalls, and controlled low-strength material placed at the top of the south slopewall for both structures. The superstructure consists of two primary spans of 54" PPC I-beams supporting a 7" reinforced concrete deck and two RC slab approach spans, each with a 1.5" HMA wearing surface over a waterproofing membrane. The substructure consists of approach bents on concrete piles, vaulted abutments supported by steel piles, and multi-column piers on spread footings. The back-to-back of bent caps measures 255'-0". Out-to-out deck varies from 53'-8³/₈" to 56'-3¹/₂" (N.B.) and 53'-7³/₄" to 56'-2⁷/₈" (S.B.). Span lengths are 24'-6", 105'-6", 100'-6", 24'-6". The structures are skewed 05°40'04" right forward. Traffic shall be maintained utilizing staged construction.

No Salvage.



Vincent P. Tabor 03/21/2025
Date
Vincent P. Tabor
Licensed Structural Engineer
State of Illinois No. 081-007047
Expires 11/30/2026

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

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CHECKED - VPT	REVISED
DRAWN - CEL	REVISED
CHECKED - VPT	REVISED
DATE - 03/21/2025	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION

SHEET NO. 1 OF 32 SHEETS

SCOPE OF WORK

- 1.) Traffic shall be maintained utilizing staged construction.
- 2.) Removal of expansion joints and replacement with preformed joint strip seals.
- 3.) Removal of HMA wearing surface and waterproofing membrane, and scarification of bridge decks and approach slabs.
- 4.) Repair of concrete bridge decks and approach slabs.
- 5.) Application of latex concrete overlay to bridge decks and approach slabs.
- 6.) Repair and retrofit of existing concrete parapets.
- 7.) Closure and/or replacement of floor drains.
- 8.) Repair of PPC I-Beam ends and concrete diaphragms.
- 9.) Clean abutment seats and repair of concrete abutments.
- 10.) Extend pier crashwalls, repair of concrete piers, and seal concrete pier faces.
- 11.) Repair of concrete slope walls.
- 12.) Removal of electrical conduit on SN 050-0178.
- 13.) Removal and replacement of bridge mounted sign structures.
- 14.) Closure of existing shoulder drains, and replacement with riprapped embankment slopes.

INDEX OF SHEETS

SHEET NO.	TITLE
1	GENERAL PLAN AND ELEVATION
2	GENERAL DATA AND MISCELLANEOUS DETAILS
3	STAGE CONSTRUCTION DETAILS
4	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
5-6	DECK SLAB REPAIRS
7-8	DECK SLAB REPAIRS - AS BUILT
9-10	PARAPET REPAIR DETAILS
11-12	CONCRETE PARAPET RETROFIT DETAILS
13-16	BRIDGE MOUNT SIGN STRUCTURES
17-18	JOINT REMOVAL DETAILS
19-20	JOINT REPLACEMENT DETAILS
21	PREFORMED JOINT STRIP SEAL
22	GIRDER REPAIR DETAILS
23-24	ABUTMENT REPAIR DETAILS
25-26	DIAPHRAGM REPAIR DETAILS
27-28	PIER CRASH WALL RETROFIT DETAILS
29-30	SLOPE WALL REPAIR PLAN AND DETAILS
31	SHOULDER DRAIN RETROFIT DETAILS
32	BAR SPLICER ASSEMBLY & MECHANICAL SPLICER DETAILS

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications
for Highway Bridges

EXISTING DESIGN STRESSES

FIELD UNITS (1976):

f'c = 3,000 psi (Superstructure, Spans 2 & 3)
f'c = 3,500 psi
fy = 40,000 psi (Reinforcement)
f'c = 6,000 psi (Prestressed Precast Units)
f'ci = 5,000 psi (Prestressed Precast Units)
fs = 270,000 psi (Prestressed Precast Units)
fsi = 189,000 psi (Prestressed Precast Units)

PROPOSED DESIGN STRESSES

FIELD UNITS:

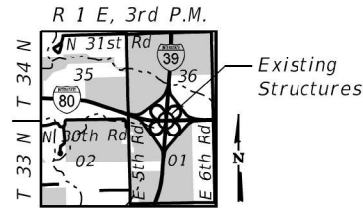
f'c = 3,500 psi
f'c = 4,000 psi (Superstructure)
fy = 60,000 psi (Reinforcement)

LOADING HS20-44

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

* Bridge Mounted Sign Structure, to be removed and replaced. Any existing holes in the PPC I-Beam web that are not reused shall be repaired, fiber wrapped, and acrylic coated according to the special provisions. Cost included in Remove Overhead Sign Structure - Bridge.

** District to coordinate removal and re-installation of cameras with Illinois State Police. Contractor shall be responsible for protection of conduits, junction boxes, and other components of the camera system during construction operations. Such protection of components will not be paid for separately, but shall be included in the cost of the work for which it is required. Damaged components shall be repaired or replaced in-kind, to the satisfaction of the Engineer, at the expense of the Contractor.



ITEM	UNIT	TOTAL
Stone Riprap, Class A3	Sq. Yd.	169
Filter Fabric	Sq. Yd.	169
Class C Patches, Type I, 10 Inch	Sq. Yd.	33
Concrete Removal	Cu. Yd.	63.7
Protective Shield	Sq. Yd.	1,271
Floor Drains	Each	16
Concrete Structures	Cu. Yd.	7.1
Concrete Superstructure	Cu. Yd.	68.4
Protective Coat	Sq. Yd.	3,173
Reinforcement Bars, Epoxy Coated	Pound	12,870
Bar Splicers	Each	52
Mechanical Splicers	Each	20
Preformed Joint Strip Seal	Foot	215.0
Concrete Sealer	Sq. Ft.	7,261
Filling Inlets	Each	4
Overhead Sign Structure - Bridge Mounted	Foot	32.5
Remove Overhead Sign Structure - Bridge	Each	2
Slope Wall Crack Sealing	Foot	1,147
Acrylic Coating	Sq. Yd.	58
Fiber Wrap	Sq. Ft.	259
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	2,385
Plug Existing Pipe	Cu. Yd.	1.8
Remove Existing Conduit Attached to Structure	Foot	66
Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	2,916
* Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq. Yd.	2,802
Cleaning Bridge Seats	Sq. Ft.	857
Bridge Deck Scarification 3/4"	Sq. Yd.	2,802
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	574
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	6
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	5
Diamond Grinding (Bridge Section)	Sq. Yd.	2,585
Precast Prestressed Concrete I-Beam Repair	Sq. Ft.	7
Retrofit Concrete Parapet	Foot	1,014
Slope Wall Repair	Sq. Yd.	7
Slope Wall Slurry Pumping	Cu. Yd.	5.0

GENERAL NOTES:

- ALUMINUM TUBE**

Fill shot with weld

$\frac{1}{2} \text{ } \varnothing \times 8''$
Alum. bar
ASTM B 211
alloy 6061-T6

$3''$ $3''$

FIBERGLASS PIPE

$\frac{1}{2}'' \text{ } \varnothing \times 8''$ Fiberglass
reinf. plastic rebar

$3\frac{5}{16}''$ $3\frac{5}{16}''$ $\frac{1}{2}''$

$6''$ $3''$ $3''$ $\frac{1}{8}''$

$3\frac{7}{16}''$

$9''$ $6''$ $6''$ $12''$

$6''$ O.D. Aluminum tube
alloy 6061-T6 or
 $6'' \text{ } \varnothing$ fiberglass pipe

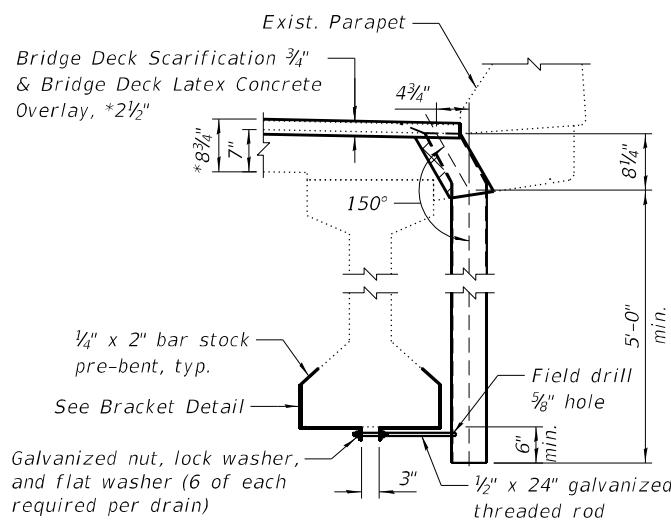
TOP PLAN

TOP PLAN

FLOOR DRAIN DETAILS

Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.

The bracket and hardware shall be galvanized according to AASHTO M 232. Cost of bracket and hardware included with Floor Drains.



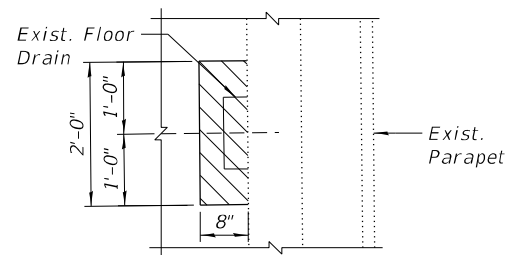
PROPOSED FLOOR DRAIN REPLACEMENT SECTION

Technical drawing of a pre-bent metal bar. The bar is shown in a bent configuration with the following dimensions and angles:

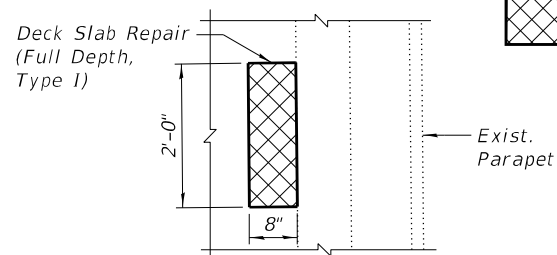
- Top horizontal segment: 9 1/2"
- Vertical segment: 7"
- Bottom horizontal segment: 2"
- Angles: 133°, 89°, and 90°
- End hole: 5/8" hole

1/4" x 2" x 23" bar galvanized and pre-bent (2 each required for design)

BRACKET DETAIL

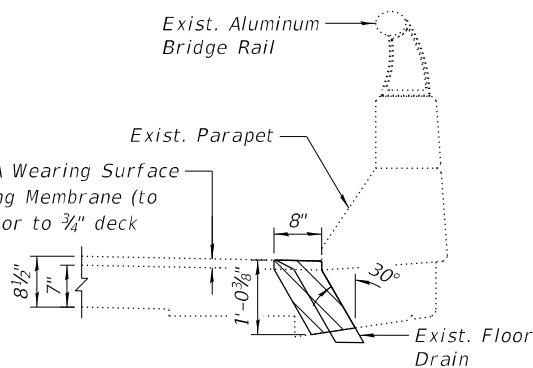


EXISTING FLOOR DRAIN
REMOVAL PLAN

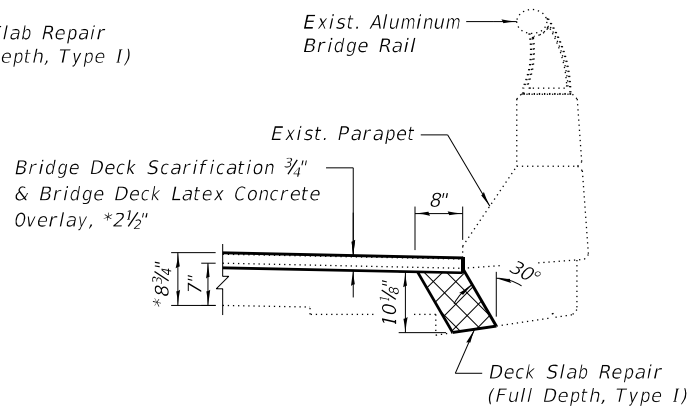


PROPOSED FLOOR DRAIN
CLOSURE PLAN

LEGEND

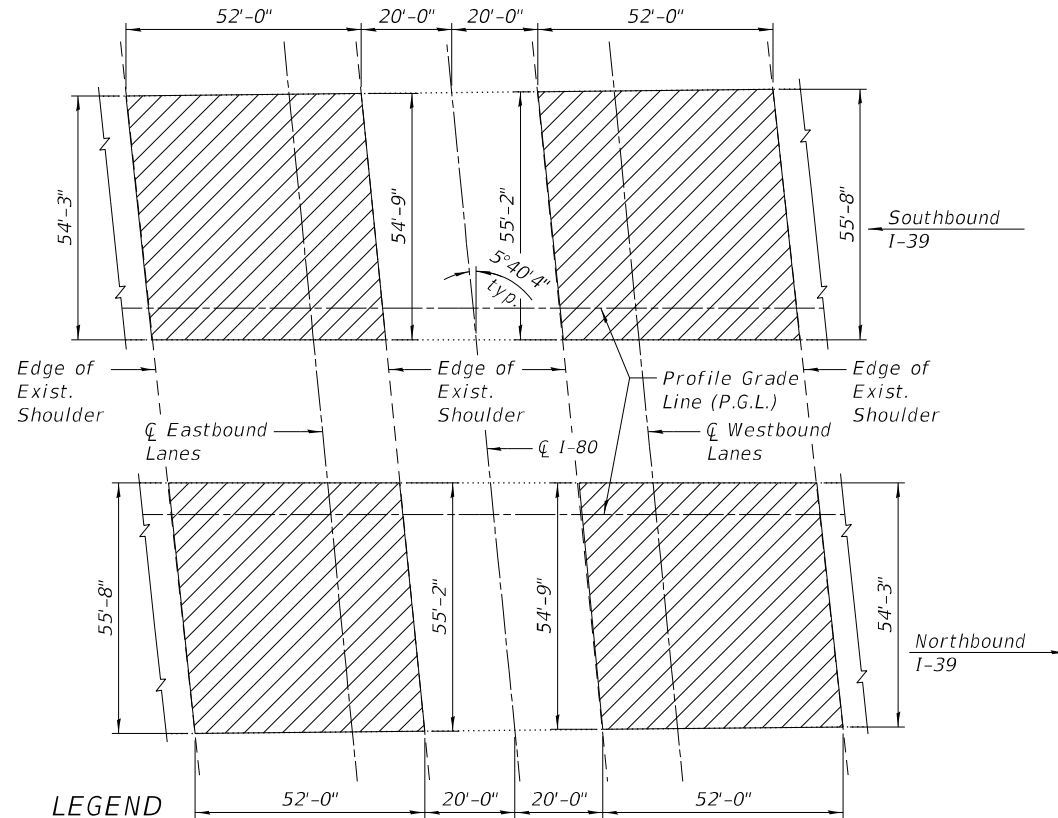


EXISTING FLOOR DRAIN
REMOVAL SECTION



PROPOSED FLOOR DRAIN
CLOSURE SECTION

*Prior to 1/4" grinding

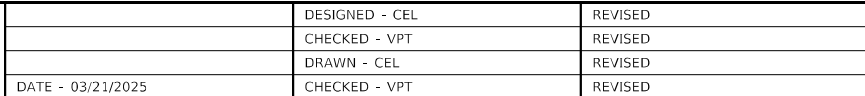


LEGEND



PLAN

Limits of Protective Shield

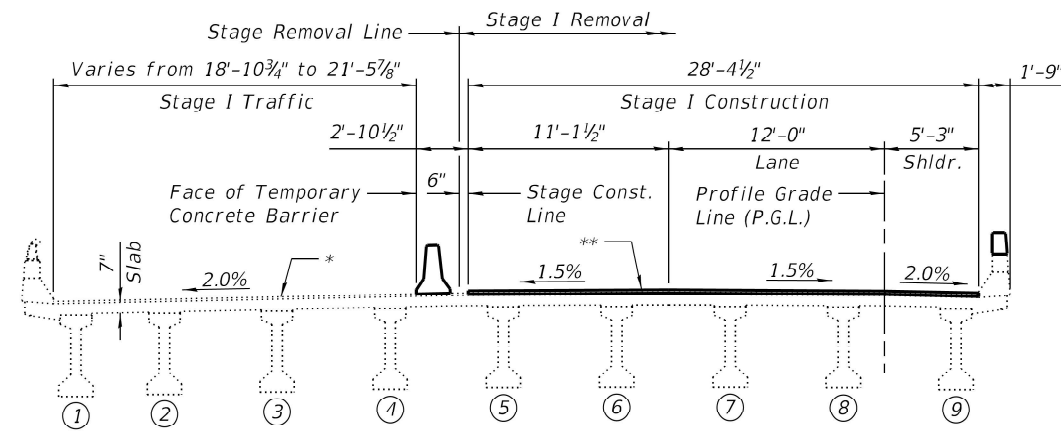


GENERAL DATA AND MISCELLANEOUS DETAILS
STRUCTURE NO. 050-0177 (N.B.) & 050-0178 (S.B.)

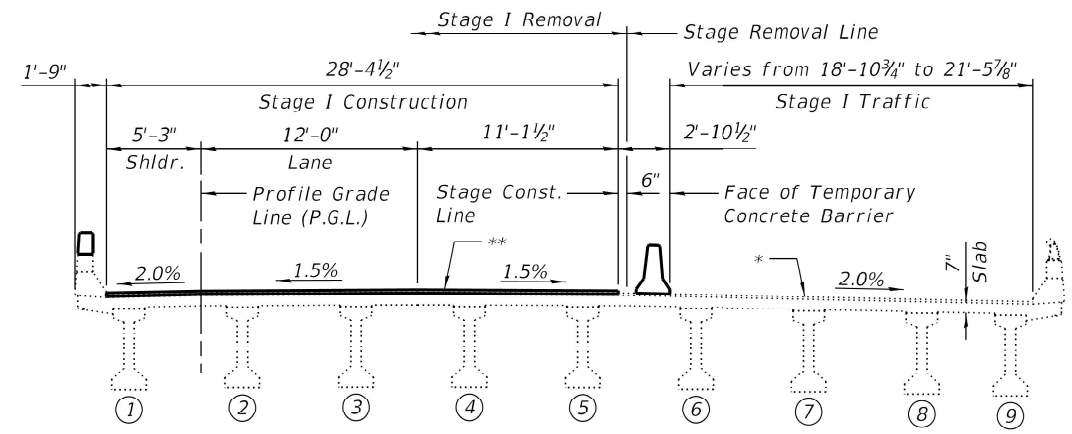
SHEET NO. 2 OF 32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-5HB	LASALLE	91	53
		CONTRACT NO. 66N36		

ILLINOIS

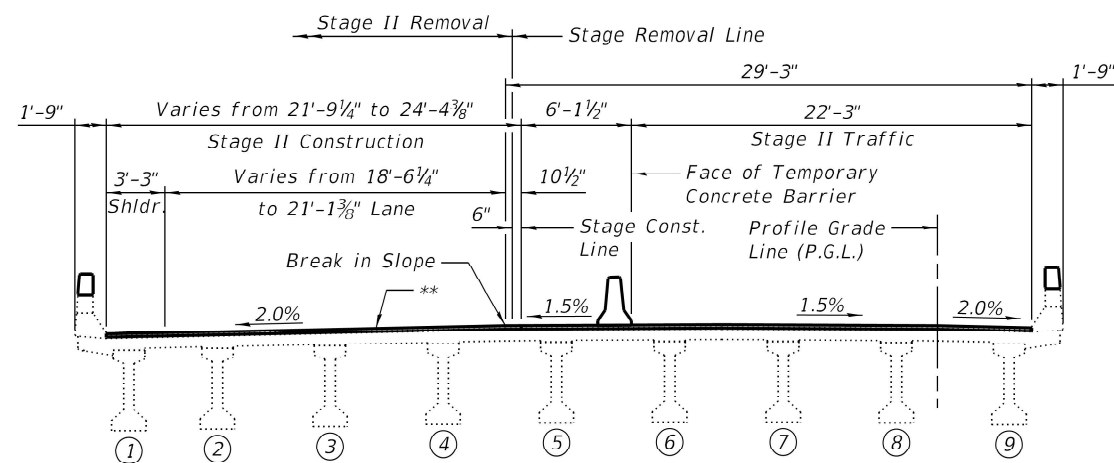


CROSS SECTION S.N. 050-0178 (S.B.)
(Looking North)

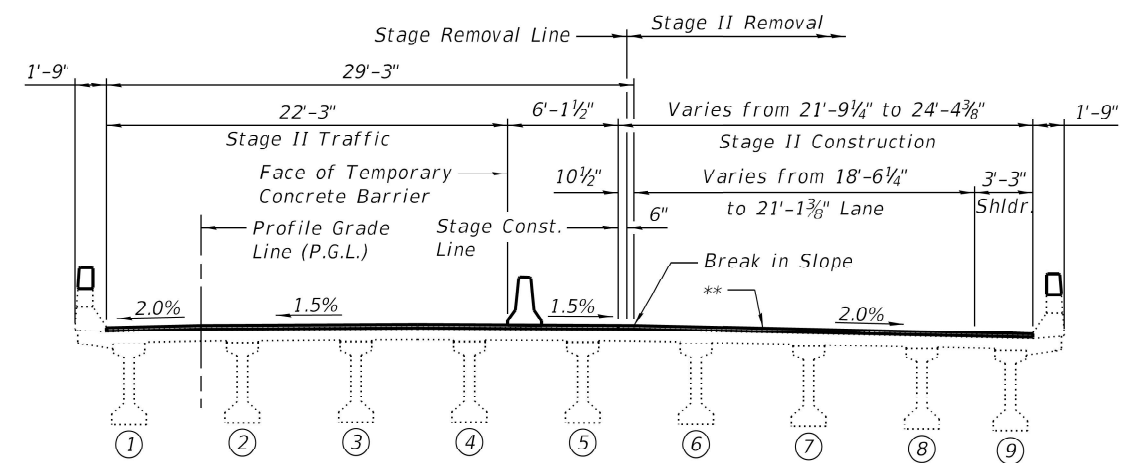


CROSS SECTION S.N. 050-0177 (N.B.)
(Looking North)

STAGE I CONSTRUCTION



CROSS SECTION S.N. 050-0178 (S.B.)
(Looking North)

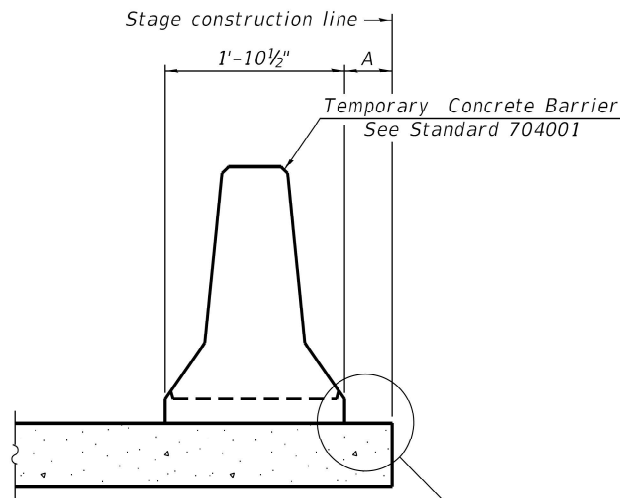


CROSS SECTION S.N. 050-0177 (N.B.)
(Looking North)

STAGE II CONSTRUCTION

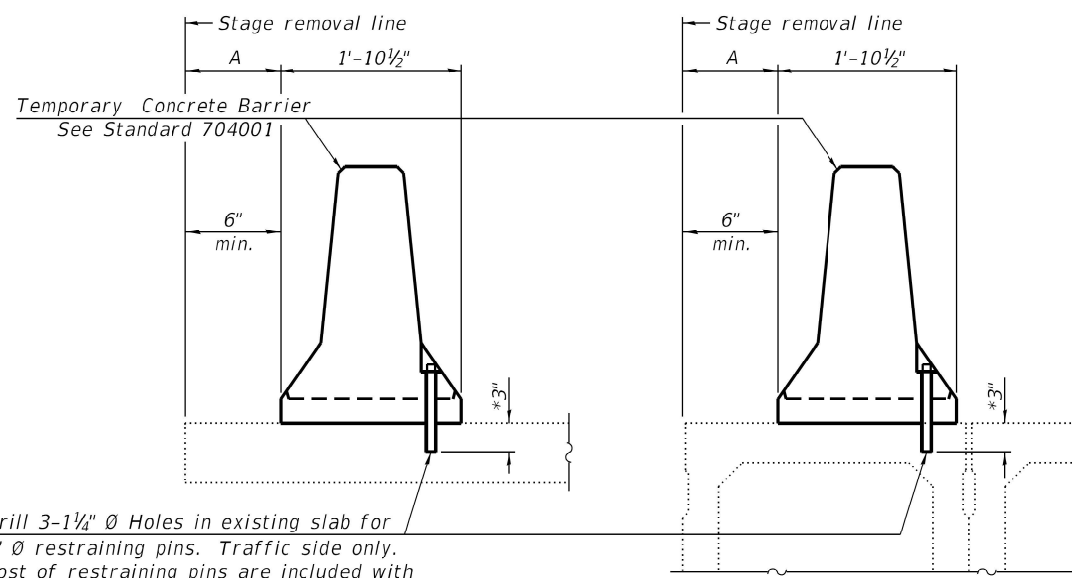
NOTES:

- 1.) *Exist. 1 1/2" HMA Wearing Surface & Waterproofing Membrane.
- 2.) **Bridge Deck Scarification 3/4" and Bridge Deck Latex Concrete Overlay, 2 1/2" (prior to 1/4" grinding).
- 3.) The main span cross sections are shown. The approach span cross sections are similar.
- 4.) See Sheet 4 of 32 for Temporary Concrete Barrier.



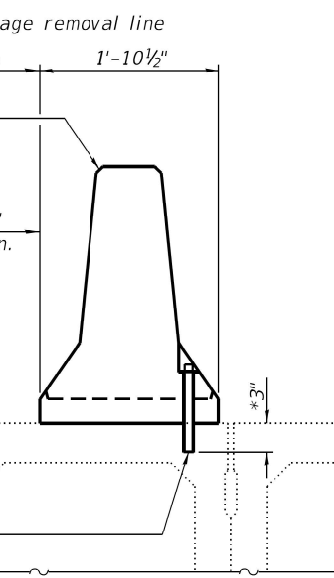
When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM



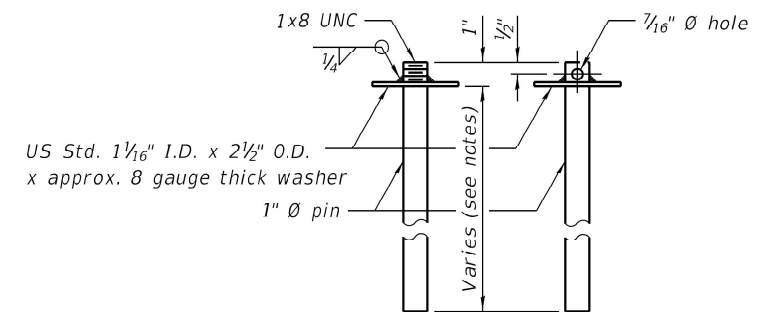
Drill 3-1 1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB



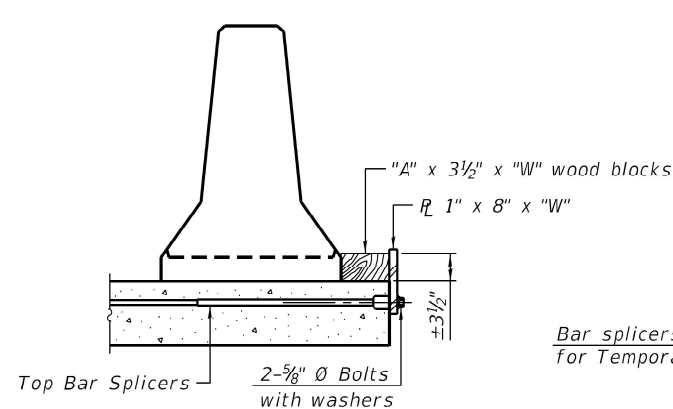
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

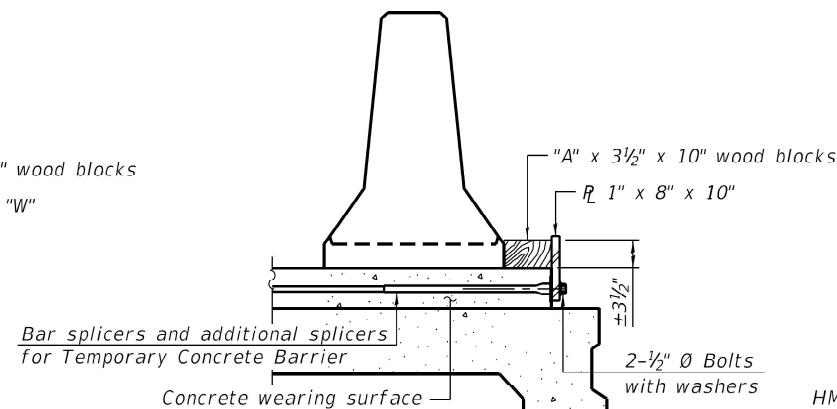


RESTRAINING PIN

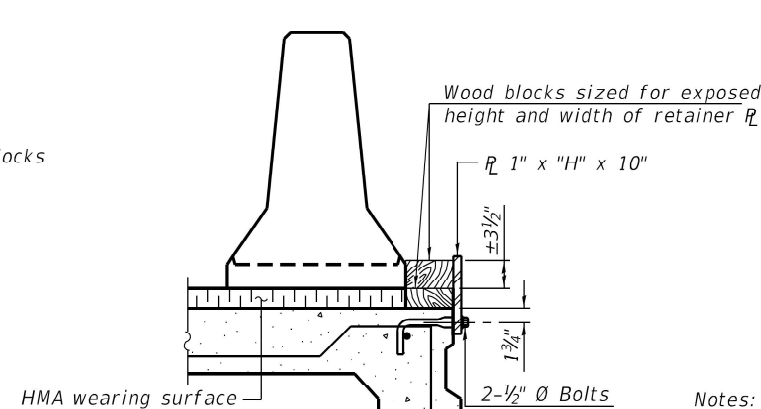
SECTIONS THRU SLAB OR DECK BEAM



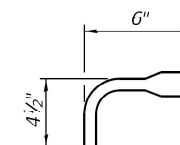
DETAIL I



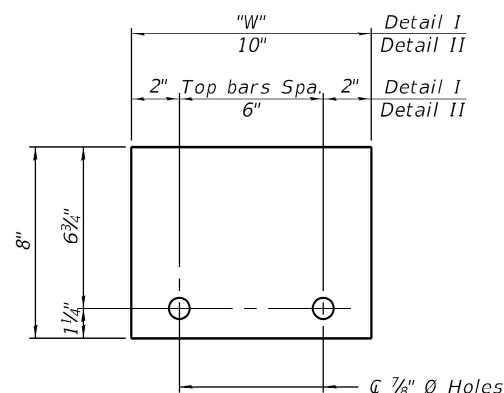
DETAIL II



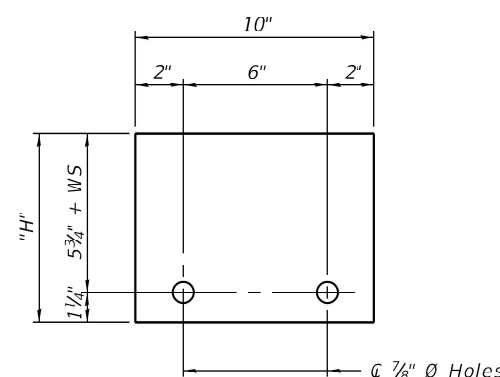
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER R 1" x "H" x 10"
(Detail III)

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate $\bar{C}$ of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.
Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27 5-15-2023

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DATE - 03/21/2025	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

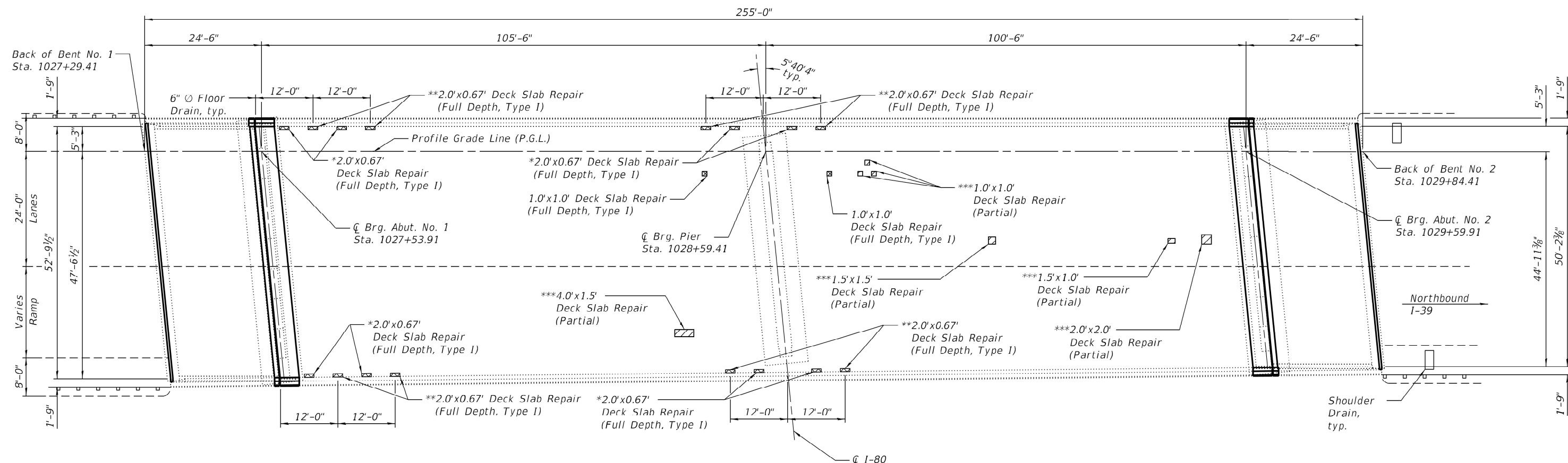
TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 050-0177 (N.B.) & 050-0178 (S.B.)

SHEET NO. 4 OF 32 SHEETS

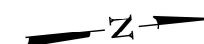
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	55
CONTRACT NO. 66N36				
ILLINOIS				

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	3



PLAN



NOTES:

- The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- Following bridge deck scarification, the full-depth core holes in the deck shall be filled with non-shrink grout according to Article 1024.02 of the Standard Specifications. The underside of the deck at the location of core hole repairs shall be fiber wrapped and acrylic coated according to the special provisions. Cost of non-shrink grout, fiber wrap, and acrylic coating included with Bridge Deck Latex Concrete Overlay.
- *See Floor Drain removal and closure details on Sheet 2 of 32.
- **See Floor Drain removal and replacement details on Sheet 2 of 32.
- ***Areas of Deck Slab Repair (Partial) for information only. Cost included with Bridge Deck Latex Concrete Overlay, 2 1/2".

LEGEND

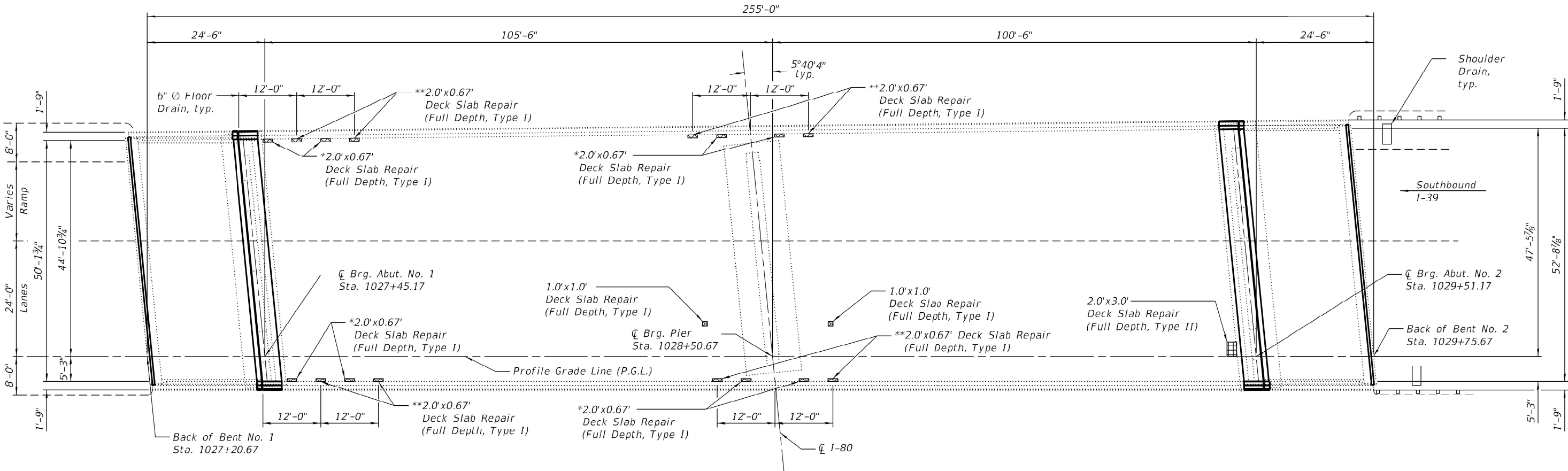
	***Deck Slab Repair (Partial)
	Deck Slab Repair (Full Depth, Type I)

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DATE - 03/21/2025	

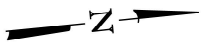
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	56
CONTRACT NO. 66N36				
ILLINOIS				

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	3
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	5



PLAN



NOTES:

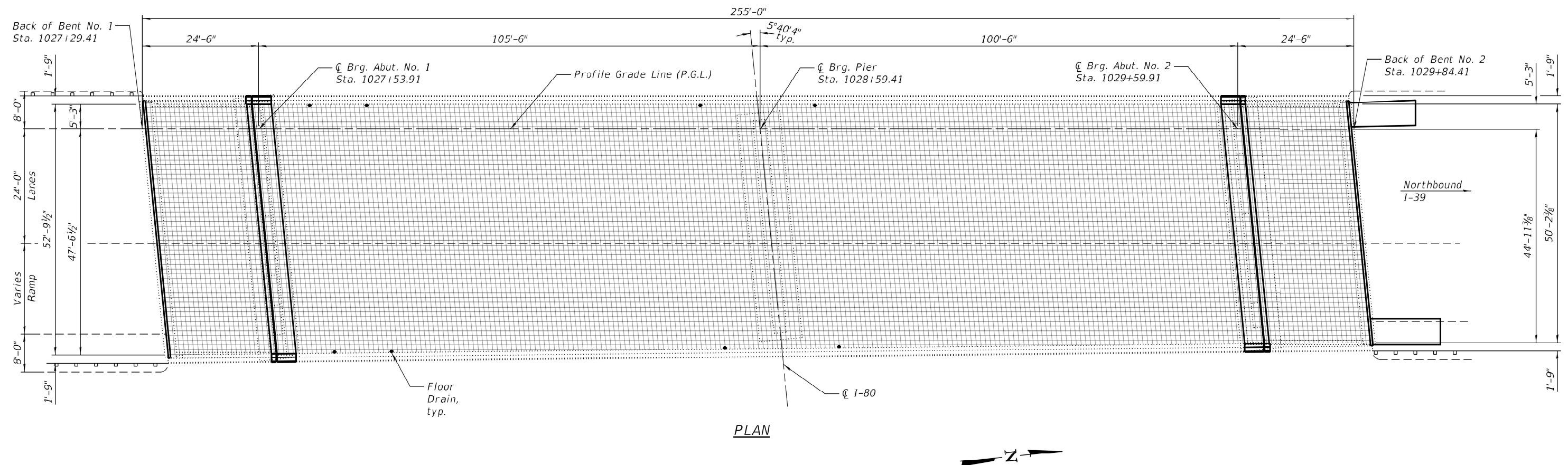
- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- 2.) Following bridge deck scarification, the full-depth core holes in the deck shall be filled with non-shrink grout according to Article 1024.02 of the Standard Specifications. The underside of the deck at the location of core hole repairs shall be fiber wrapped and acrylic coated according to the special provisions. Cost of non-shrink grout, fiber wrap, and acrylic coating included with Bridge Deck Latex Concrete Overlay.
- 3.) *See Floor Drain removal and closure details on Sheet 2 of 32.
- 4.) **See Floor Drain removal and replacement details on Sheet 2 of 32.
- 5.) Quantities displayed in the Bill of Material with units of Sq. Yd. have been increased beyond the areas indicated in the Plan view shown on this sheet in order to provide a minimum combined total of 5 Sq. Yd. between S.N. 050-0177 and S.N. 050-0178.

LEGEND

	Deck Slab Repair (Full Depth, Type I)
	Deck Slab Repair (Full Depth, Type II)

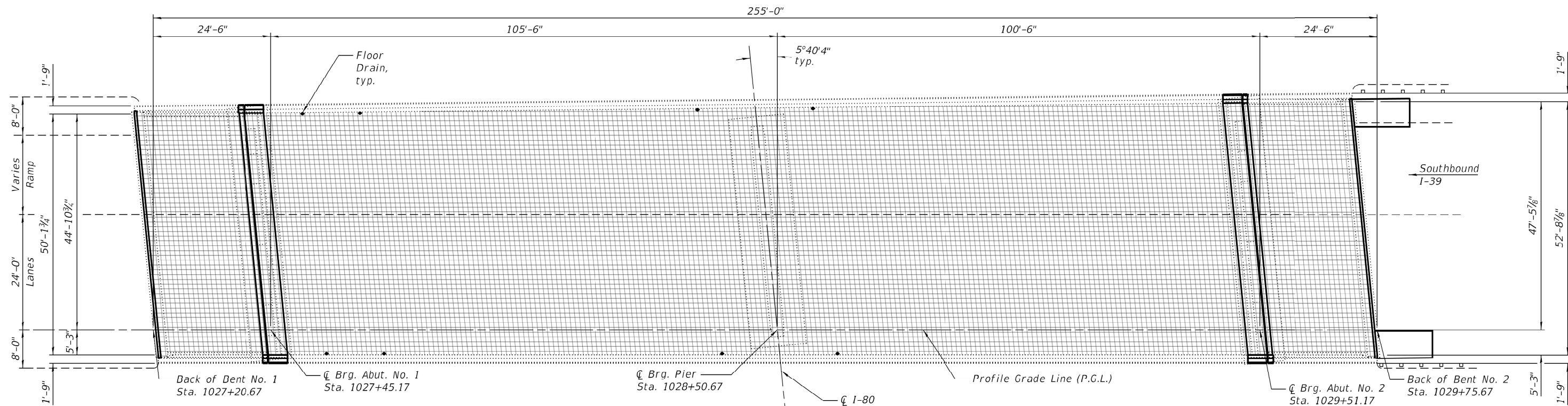
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DATE - 03/21/2025	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	57
CONTRACT NO. 66N36				
ILLINOIS				

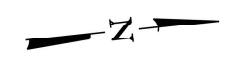


NOTES:

- 1.) The Engineer will 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.



PLAN



- NOTES:**
- 1.) The Engineer will 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.



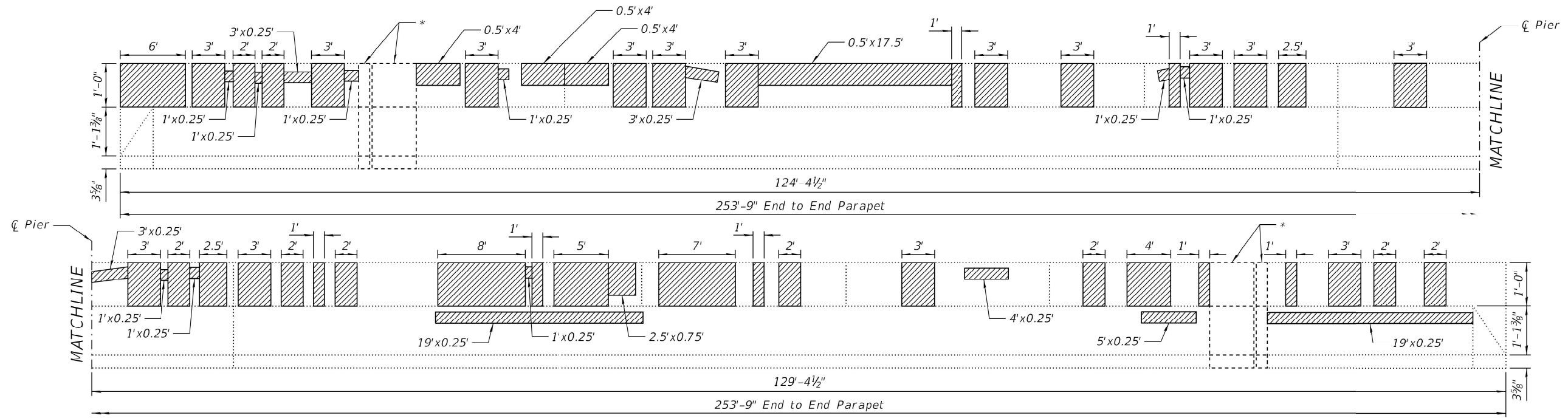
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

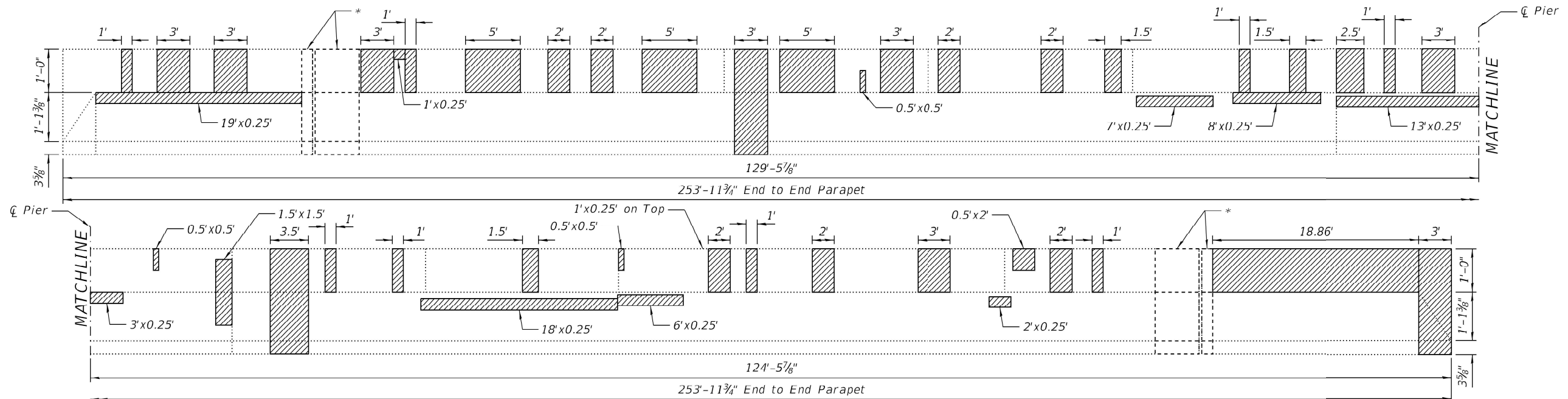
DECK SLAB REPAIRS – AS BUILT
STRUCTURE NO. 050-0178 (S.B.)

SHEET NO. 8 OF 32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	59
CONTRACT NO. 66N36				
ILLINOIS				



ELEVATION - INSIDE FACE OF EAST PARAPET
(Looking East)



ELEVATION - INSIDE FACE OF WEST PARAPET
(Looking West)

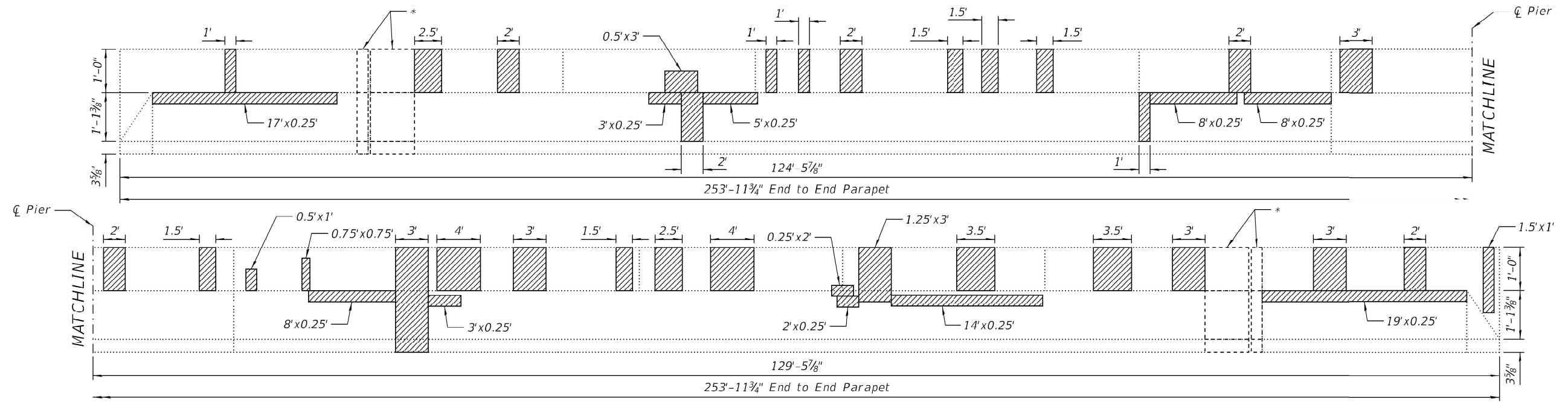
LEGEND

 Structural Repair of Concrete
(Depth Equal to or less than 5 Inches)

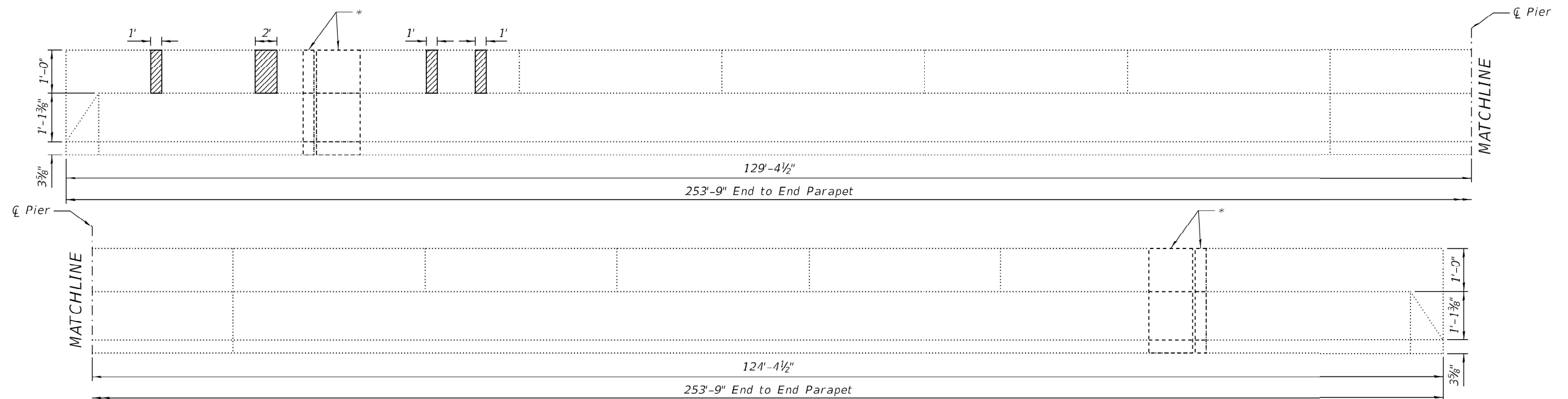
- NOTES:**
- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
 - 2.) *Existing joint opening is 2 3/4" at 50° F. See Joint Removal Details on Sheets 17 & 18 of 32.

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	266



ELEVATION - INSIDE FACE OF EAST PARAPET
(Looking East)



ELEVATION - INSIDE FACE OF WEST PARAPET
(Looking West)

LEGEND

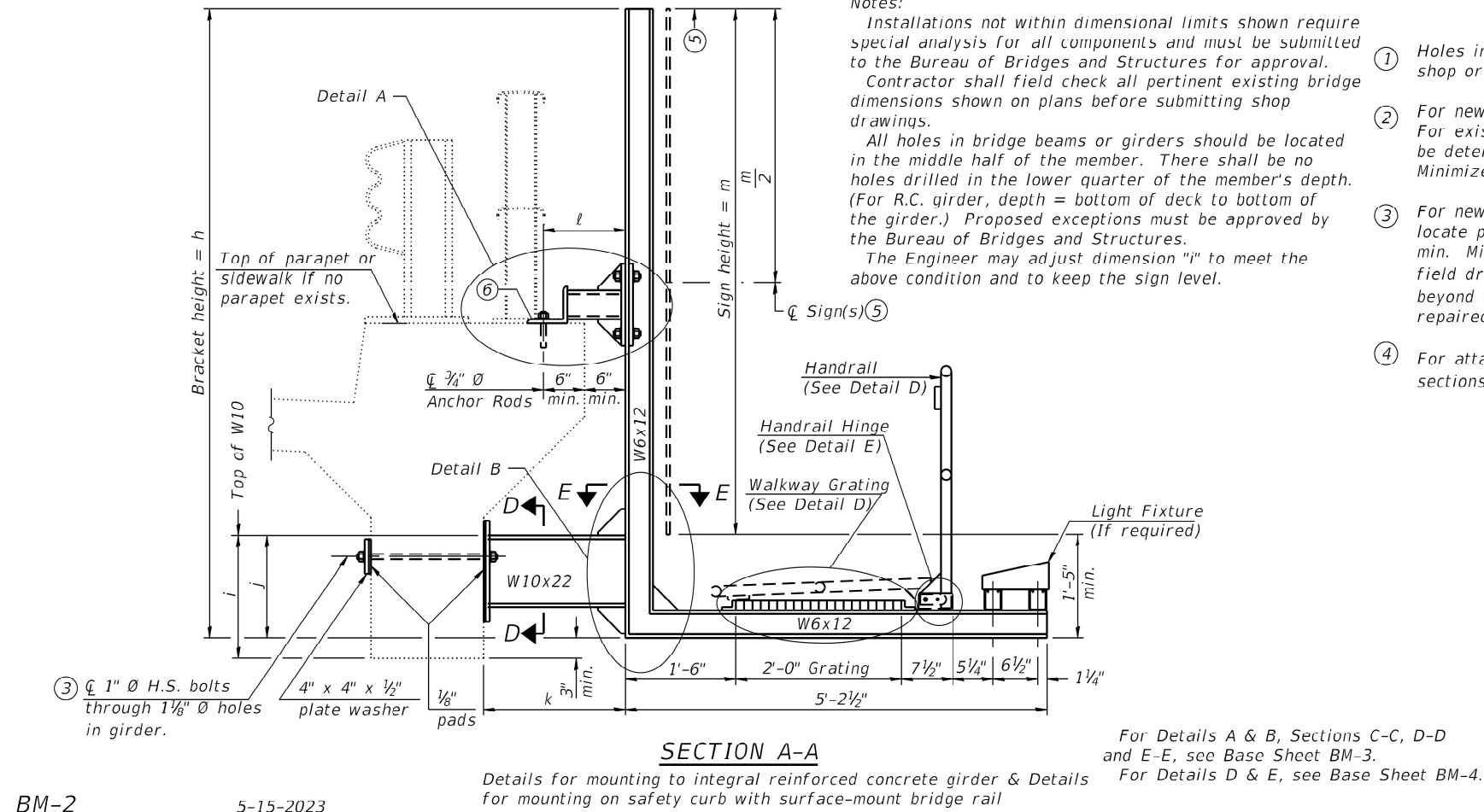
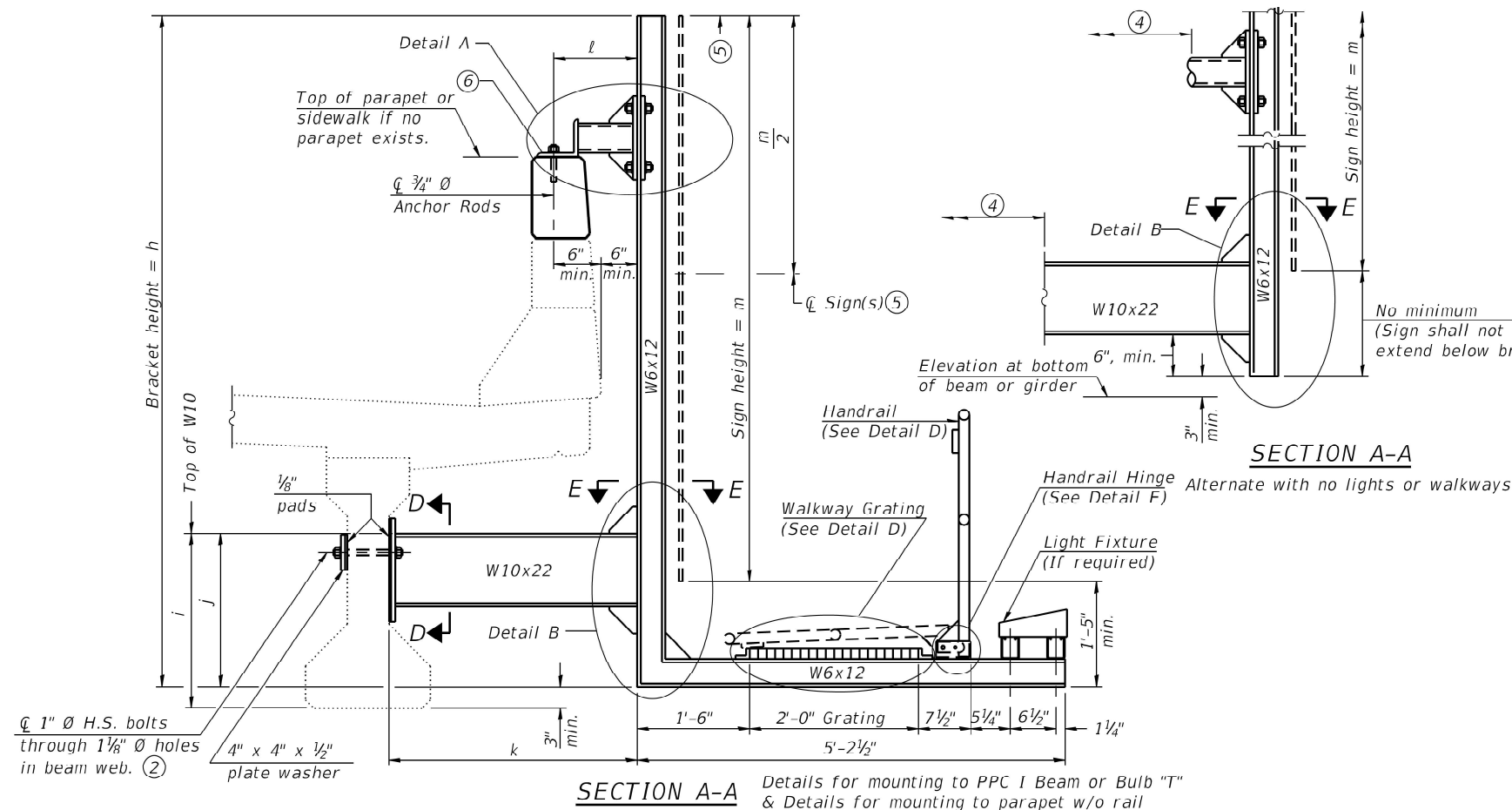
 Structural Repair of Concrete
(Depth Equal to or less than 5 Inches)

NOTES:

- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- 2.) *Existing joint opening is 2 3/4' at 50° F. See Joint Removal Details on Sheets 17 & 18 of 32.

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	99

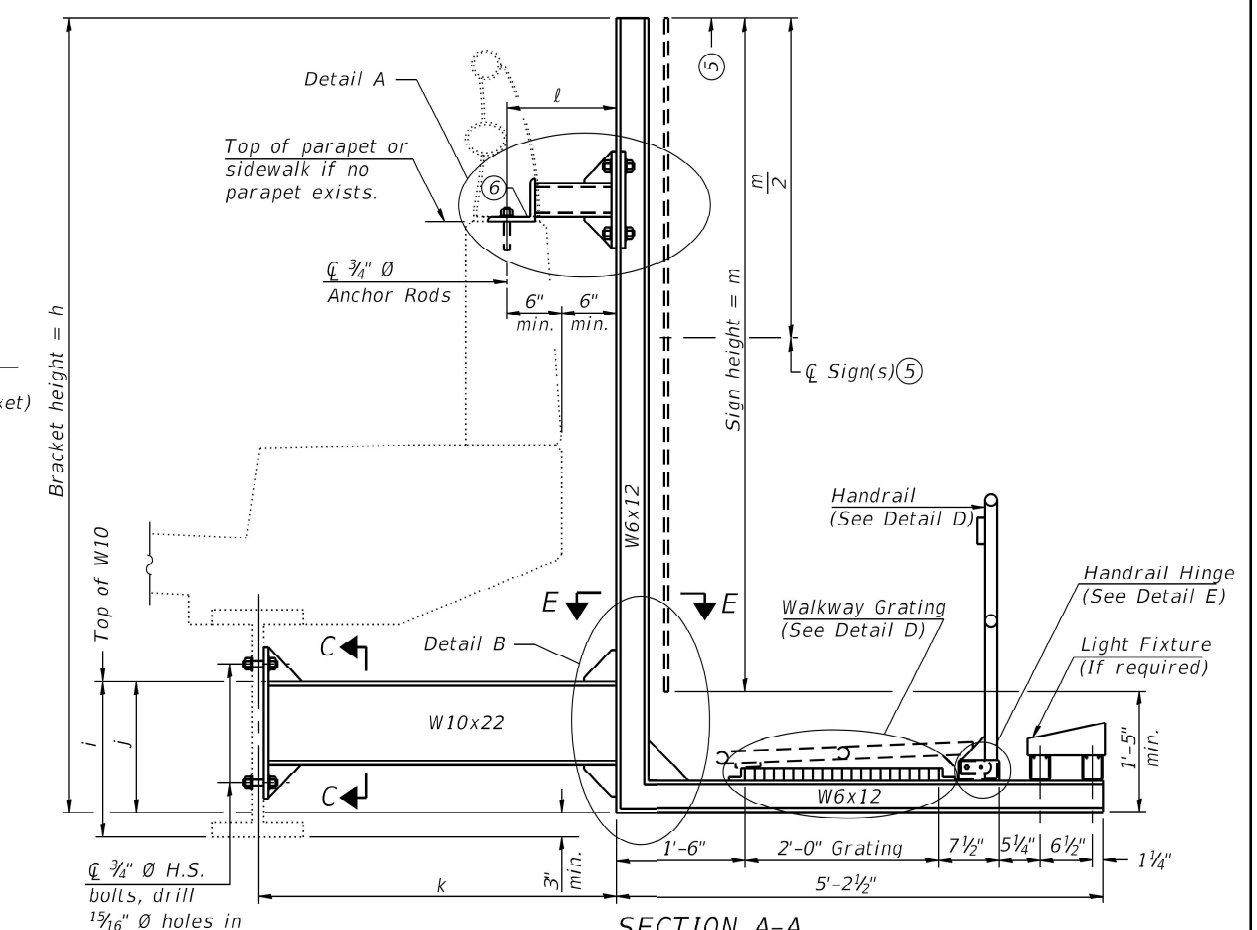


BM-2 5-15-2023

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DRAWN - CEL	REVISED
CHECKED - VPT	REVISED
DATE - 03/21/2025	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



- Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.
- For new PPC I beams, holes shall be formed during casting. For existing PPC I beams, prestressing strand locations shall be determined and spaced to miss strands by 6", min. Minimize spalling during field drilling of existing beams.
- For new construction, form holes. For existing RC beams, locate primary reinforcement and space holes to miss by 6", min. Minimize spalling and concrete fracturing/damage during field drilling of existing concrete. Spalls over 1/4" deep or beyond the coverage of the 4x4 plate washer shall be repaired with epoxy mortar before installing washer.
- For attachment details of 3 1/2" pipe and W10x22, see other sections as applicable.
- Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W6x12 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)
- For bridge mounted sign structures installed on new bridges with railing, during design, bracket spacing must be coordinated with railing post spacing and the Contractor must install upper brackets prior to railing installation. For bridge mounted sign structures installed on existing bridges with railing, during design, brackets spacing must be coordinated with railing post spacing and the Contractor must temporarily remove sections of railing to facilitate upper bracket installation. If it is determined during design that existing railings can't be removed, alternate upper connection details must be developed for the contract plans and approved by the Bureau of Bridges and Structures.

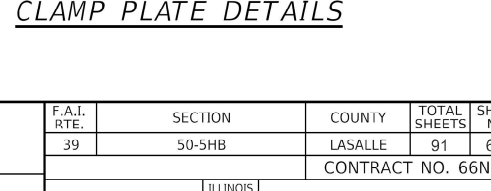
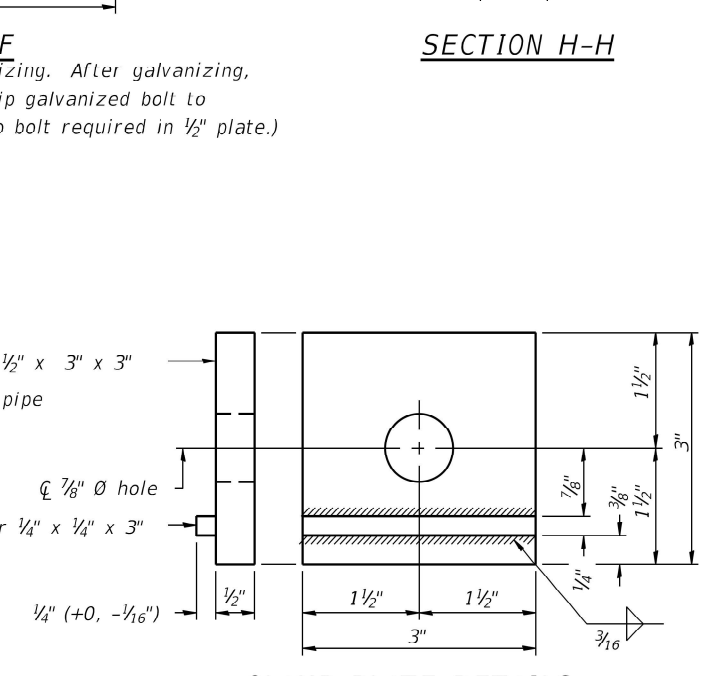
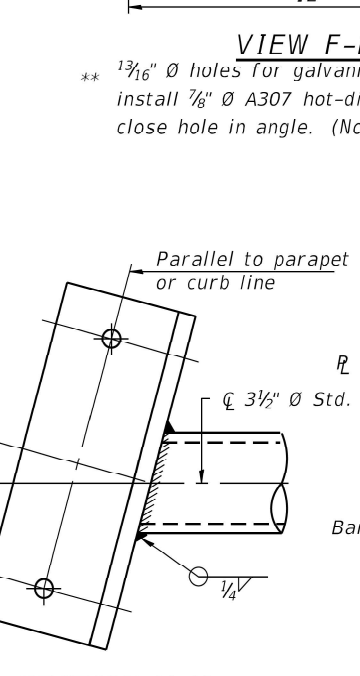
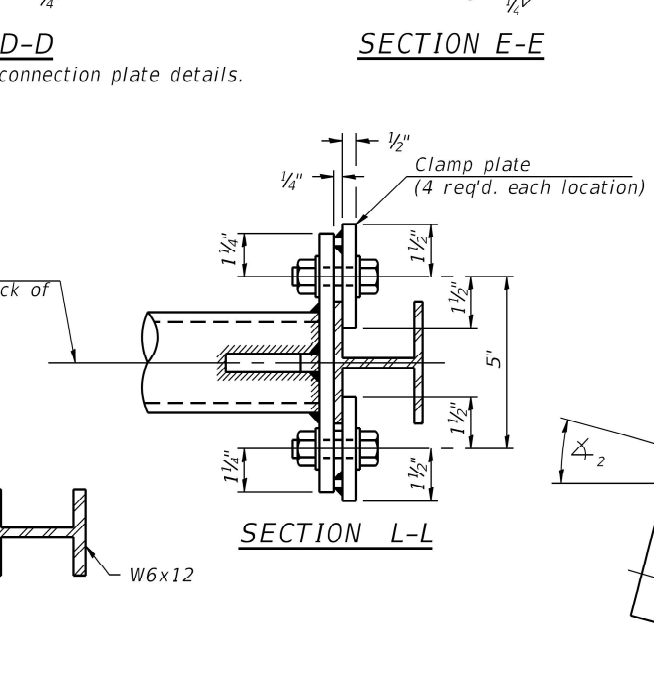
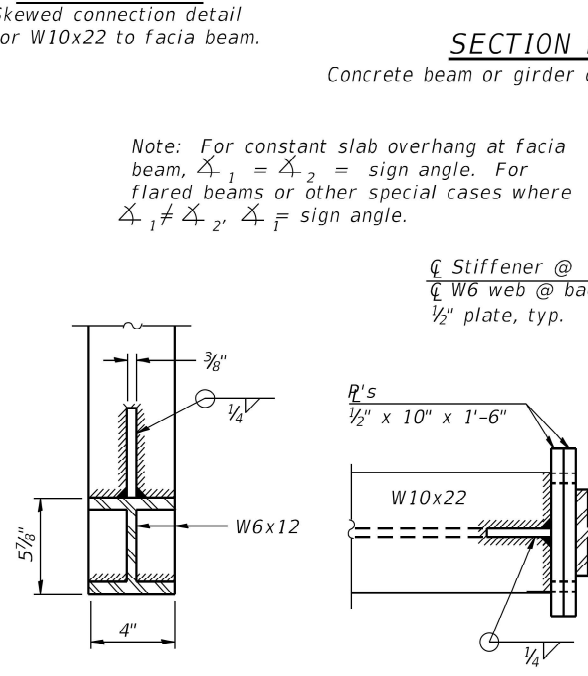
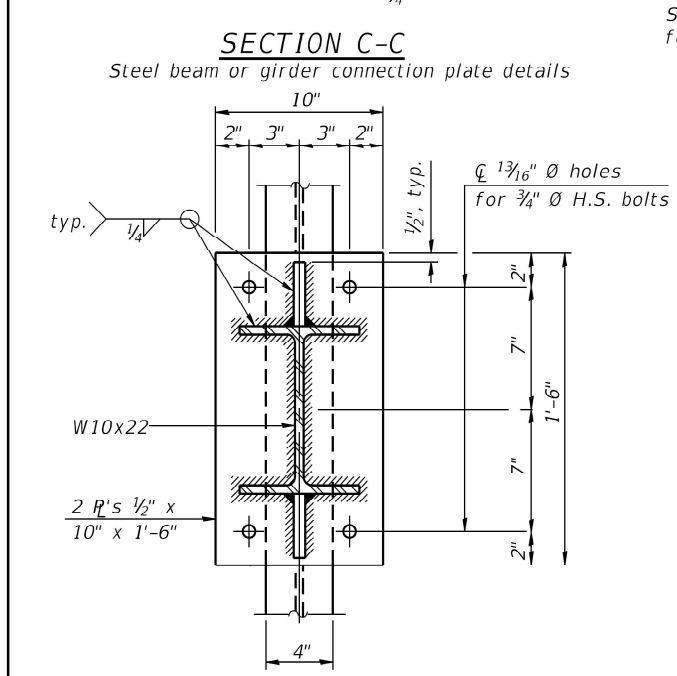
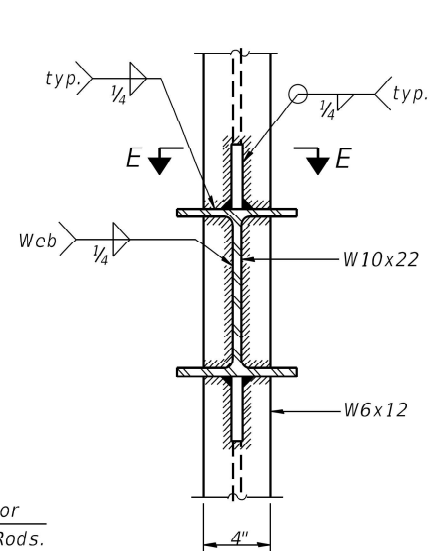
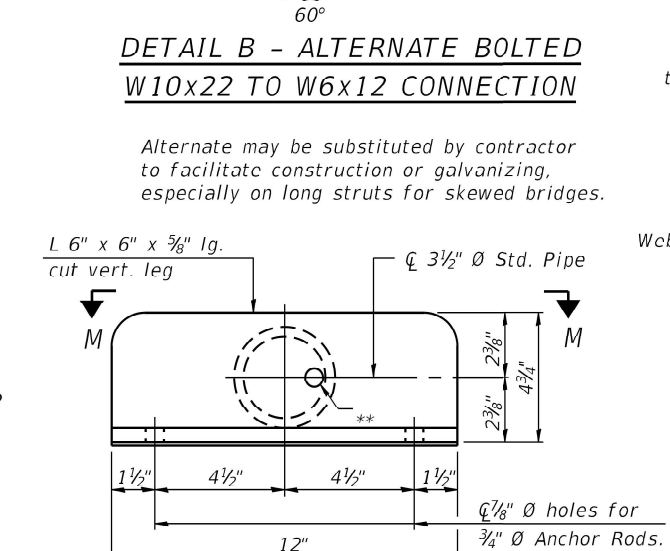
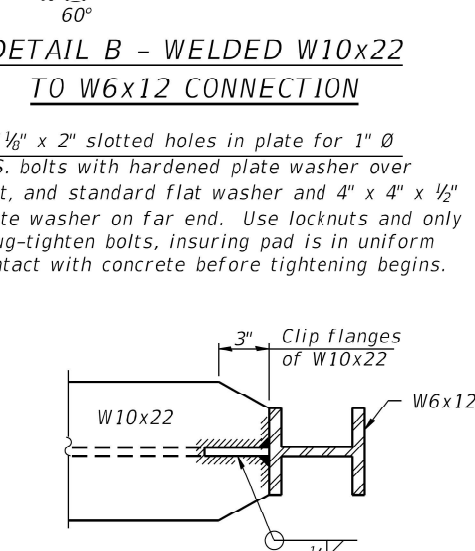
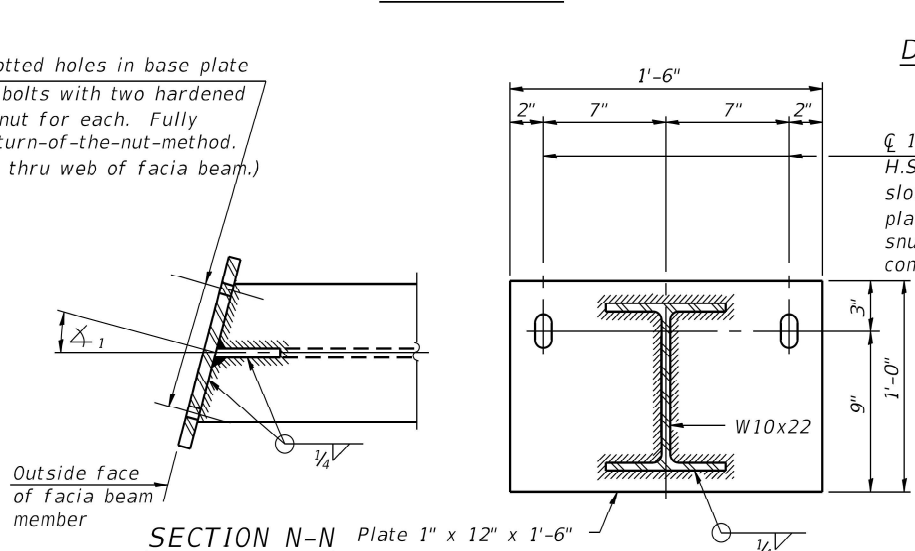
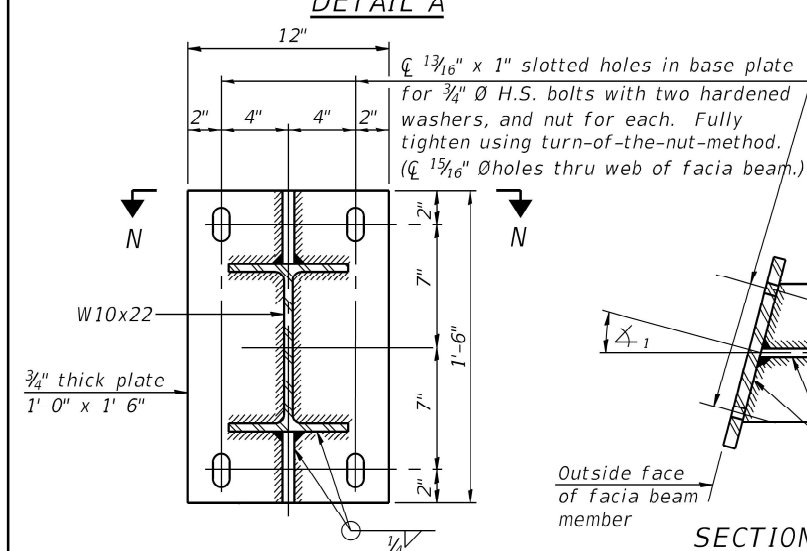
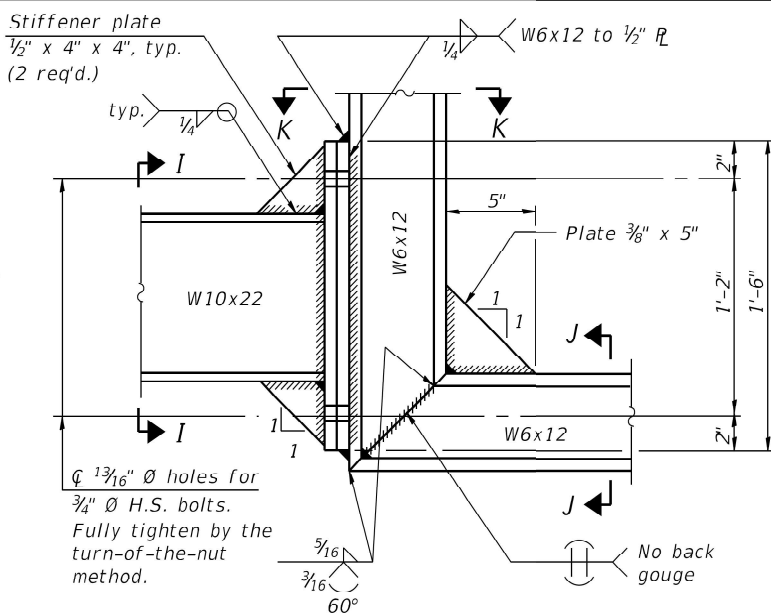
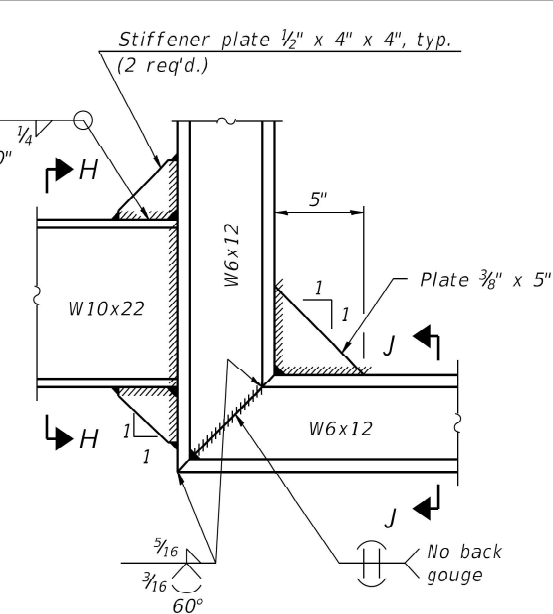
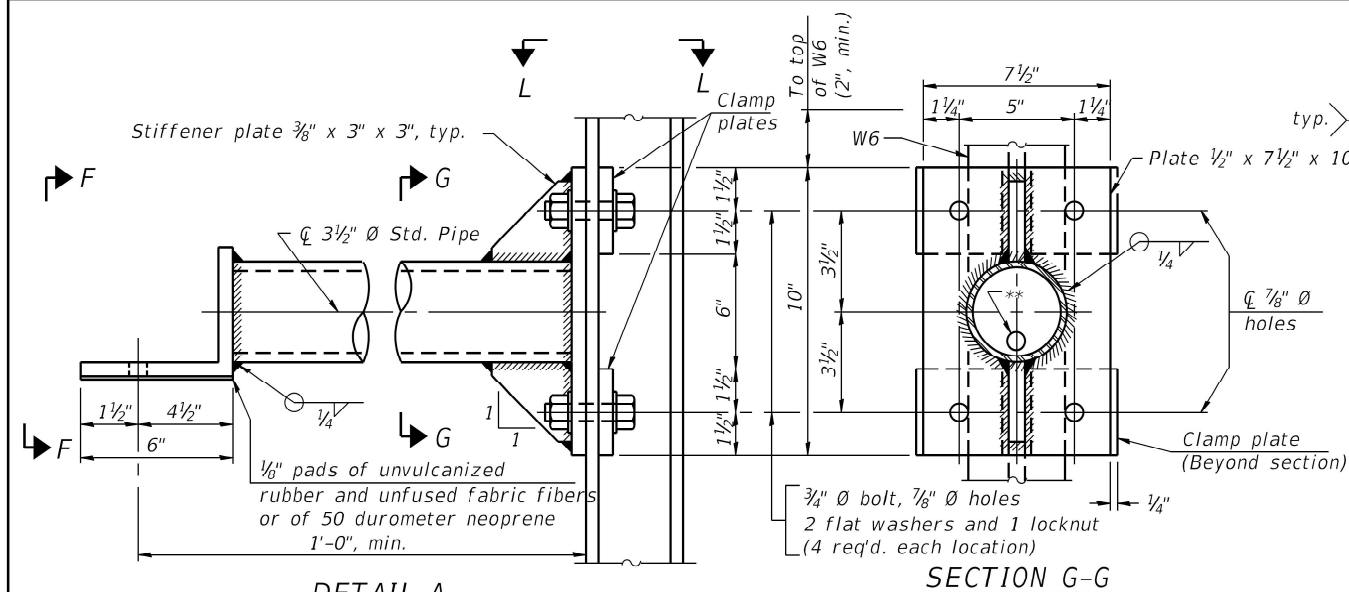
Structure Number	Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (15'-0" max.)
3B0501080L078.6	761+94.58	13'	2'-6"	2'-3"	3'-2 1/2"	1'-2 1/4"	12'
3B0501080R078.6	759+99.51	10.5'	2'-6"	2'-3"	3'-2 1/2"	1'-2 1/4"	9.5'

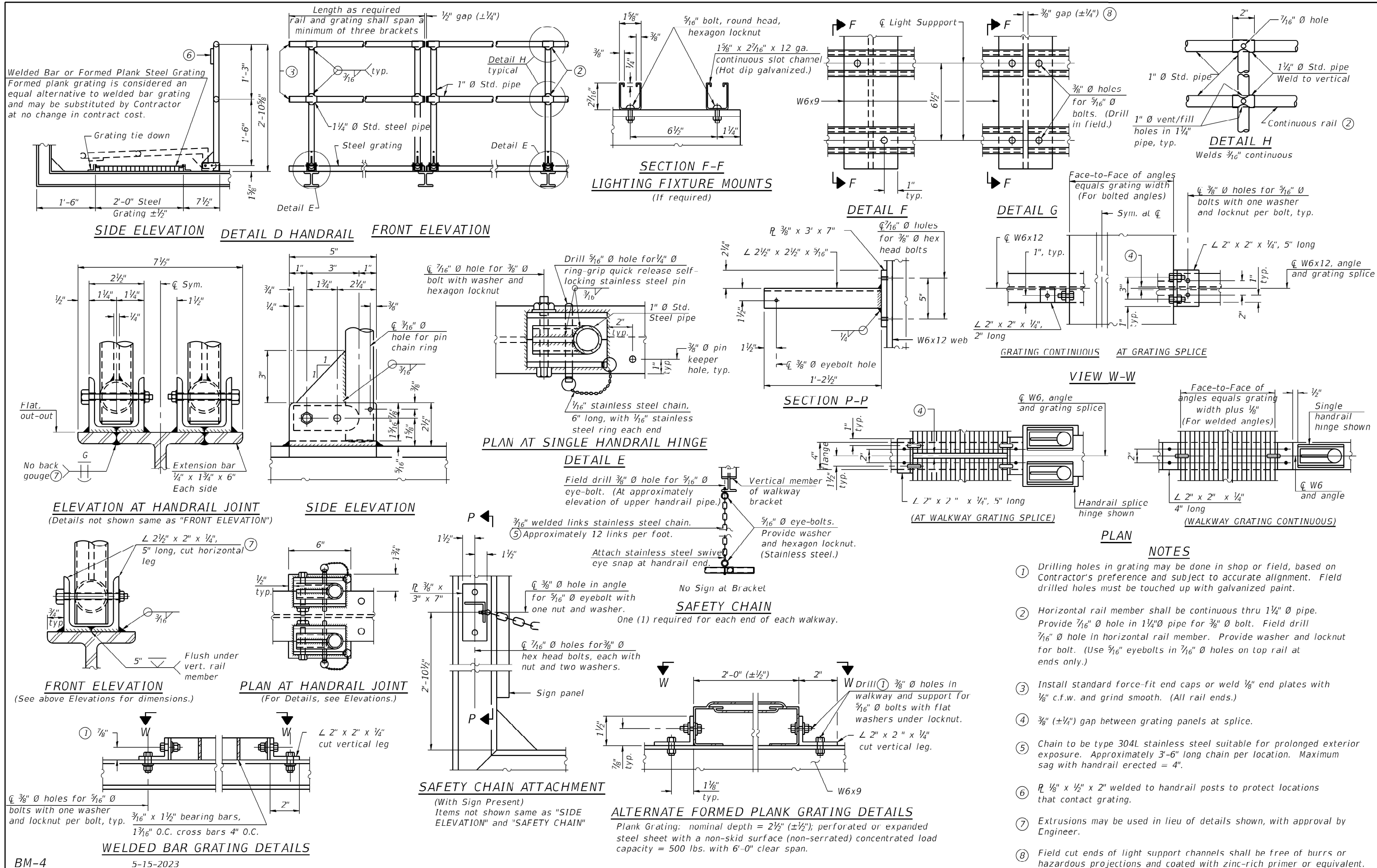
BRIDGE MOUNT SIGN STRUCTURES WALKWAY AND CONNECTION DETAILS
STRUCTURE NO. 050-0177 (N.B.) & 050-0178 (S.B.)

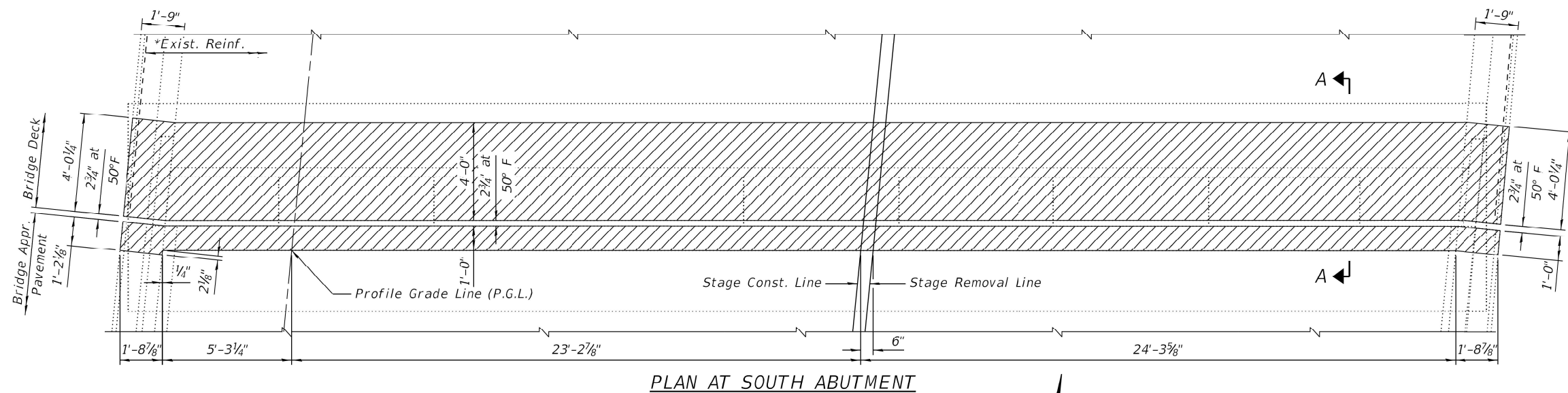
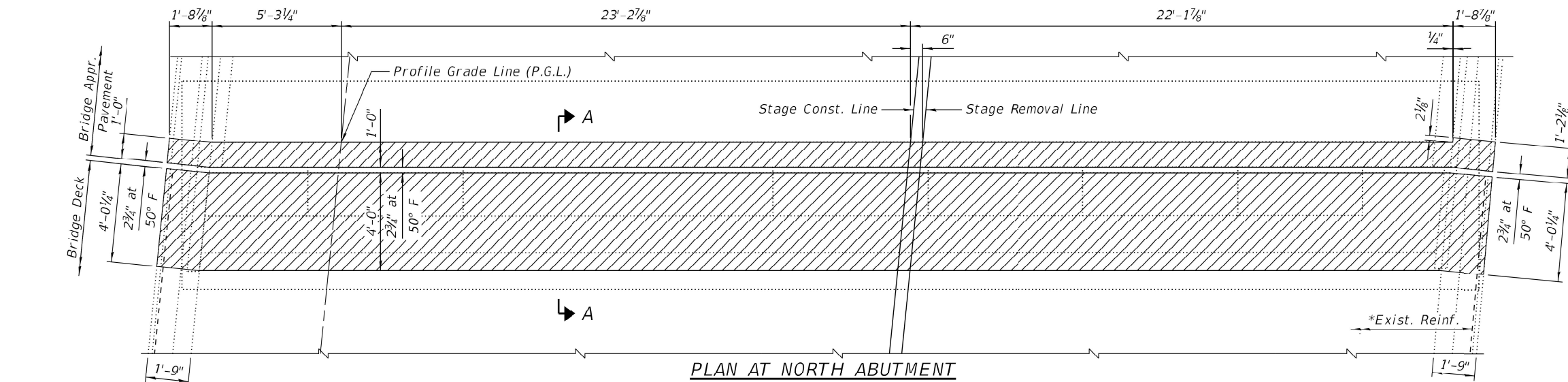
SHEET NO. 14 OF 32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	65
CONTRACT NO. 66N36				

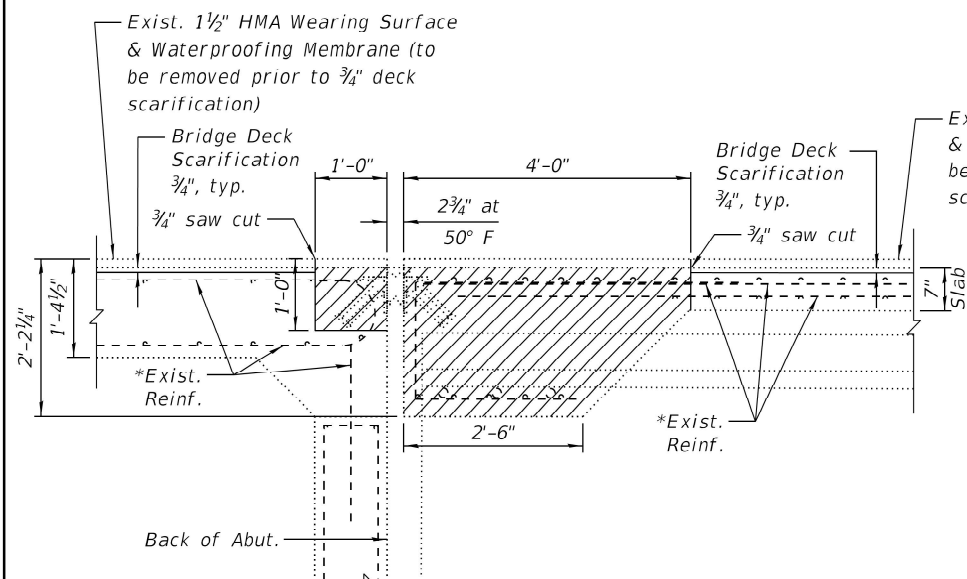
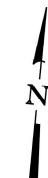
ILLINOIS



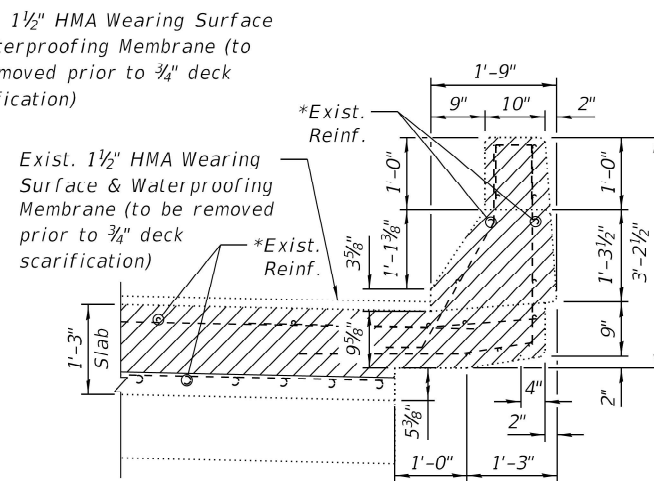




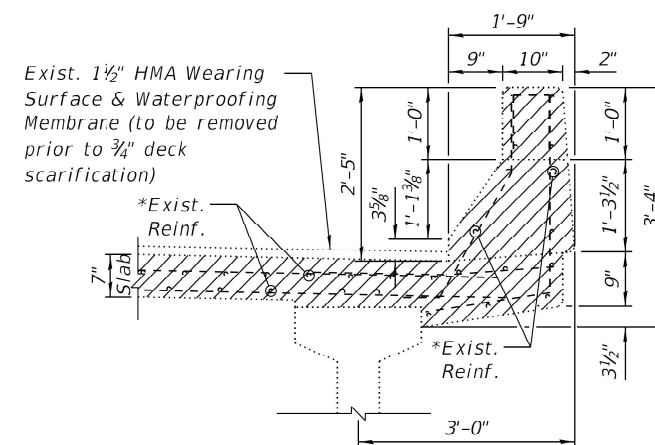
PARTIAL PLAN SHOWING CONCRETE REMOVAL
Exist. Reinf. in parapet not shown for clarity.



SECTION A-A



SECTION THRU APPR. SPAN PARAPET



SECTION THRU MAIN SPAN PARAPET

LEGEND

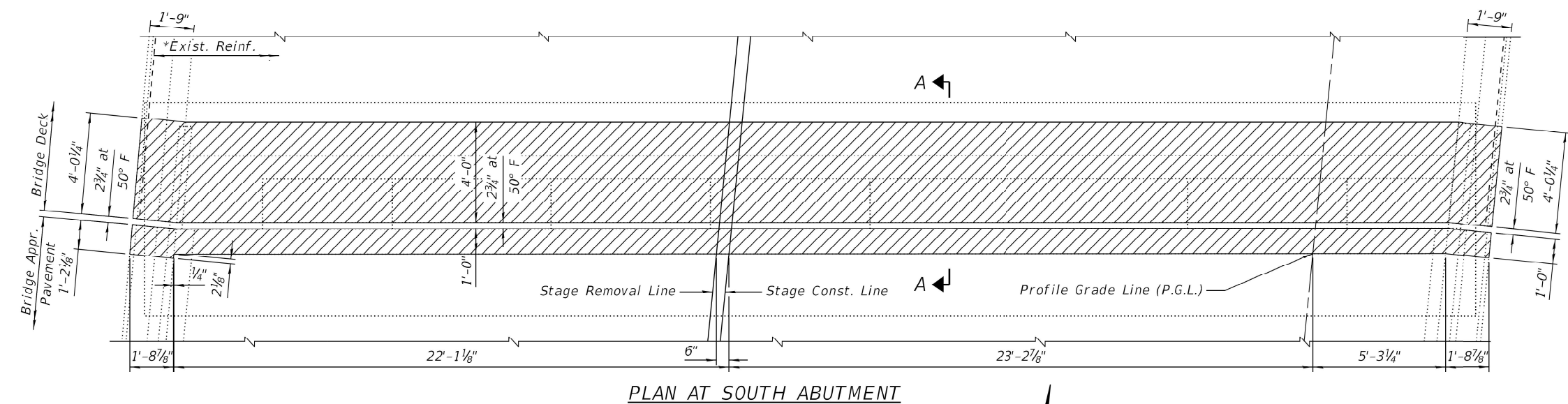
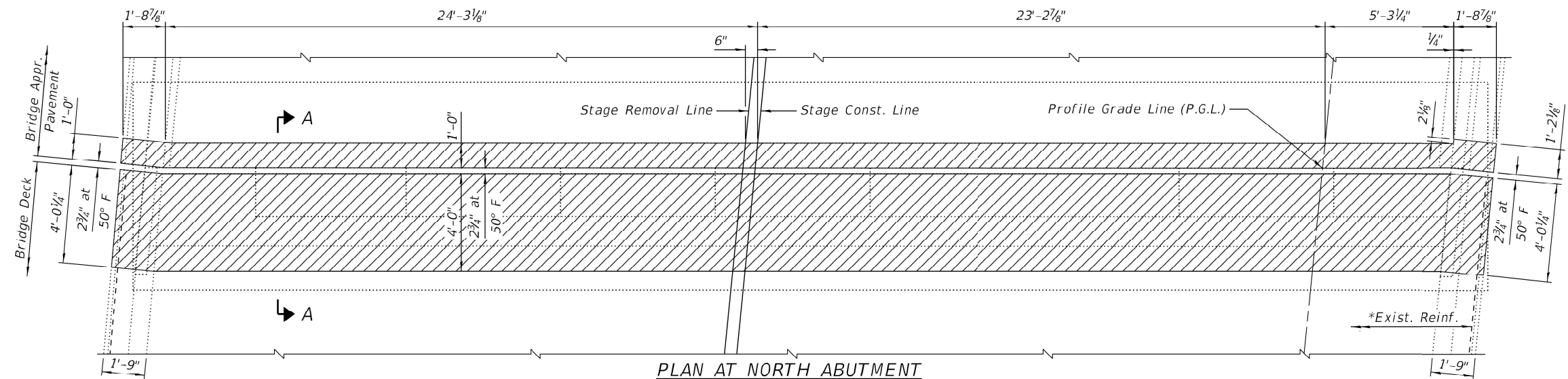


BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	31.4

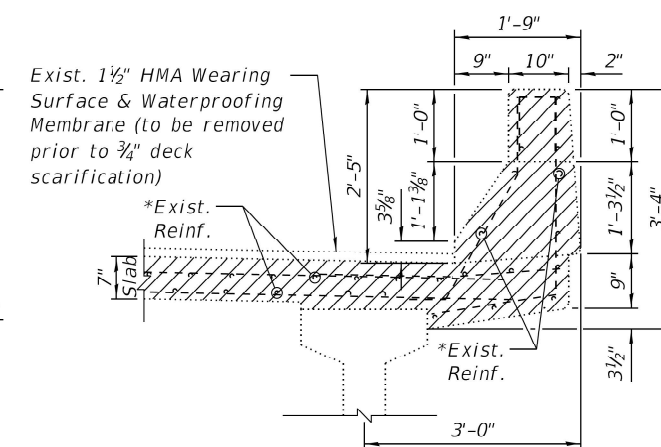
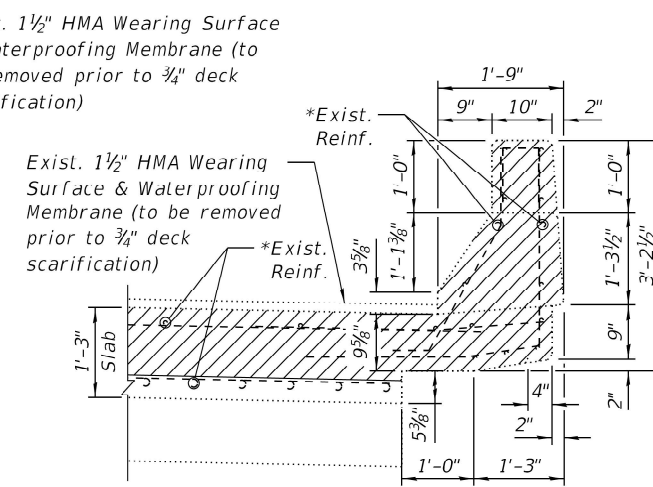
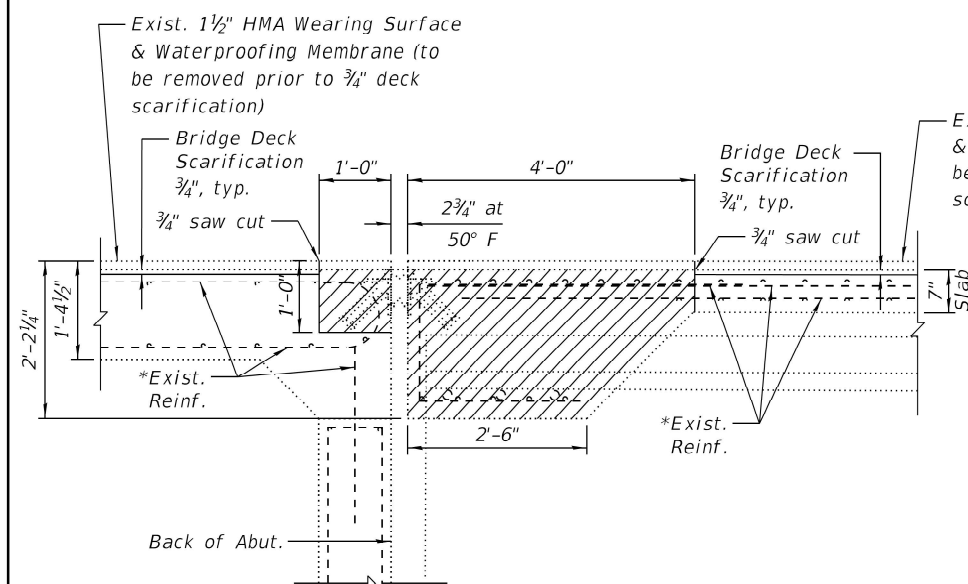
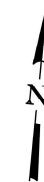
NOTES:

- 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.



PARTIAL PLAN SHOWING CONCRETE REMOVAL

Exist. Reinf. in parapet not shown for clarity.



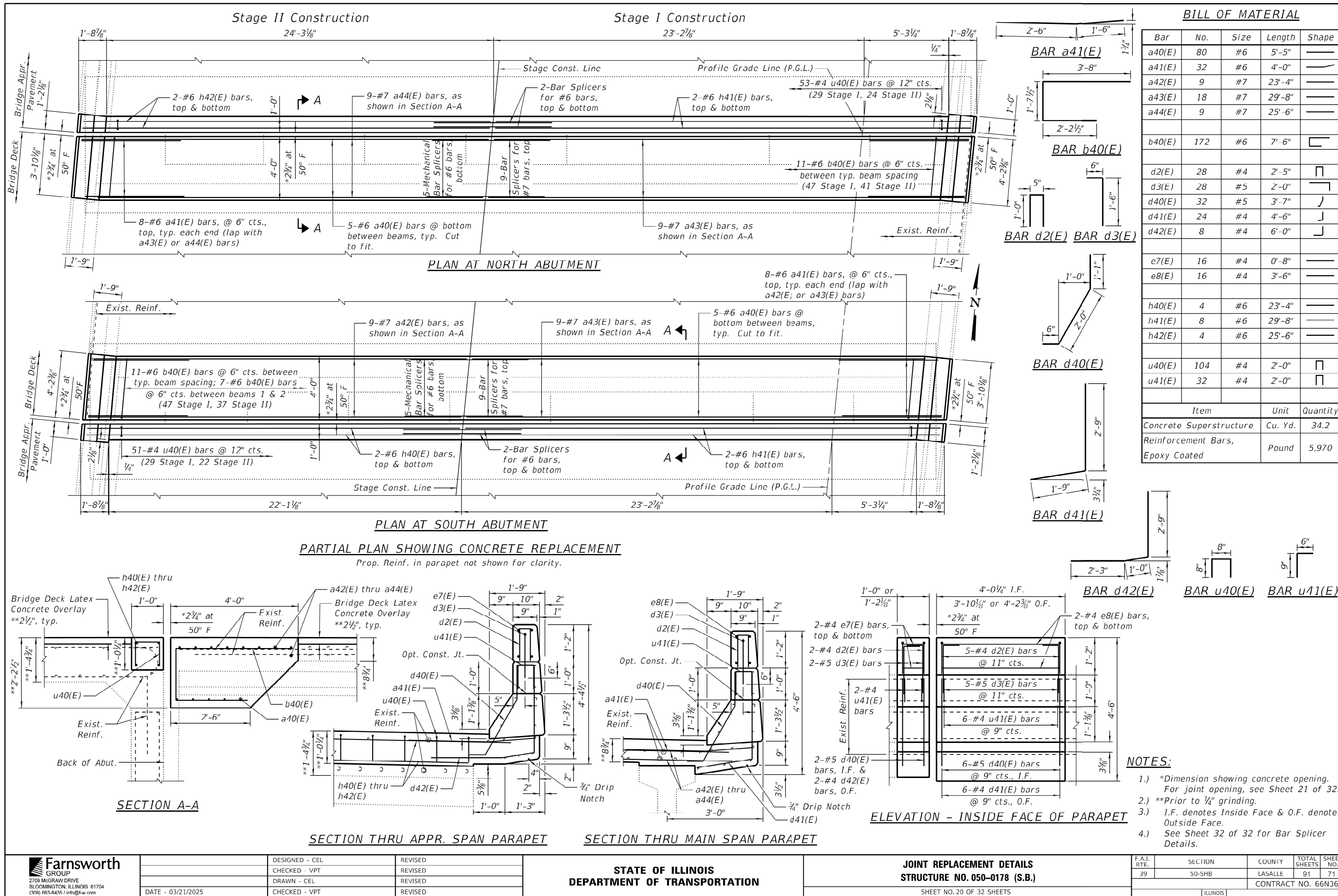
LEGEND

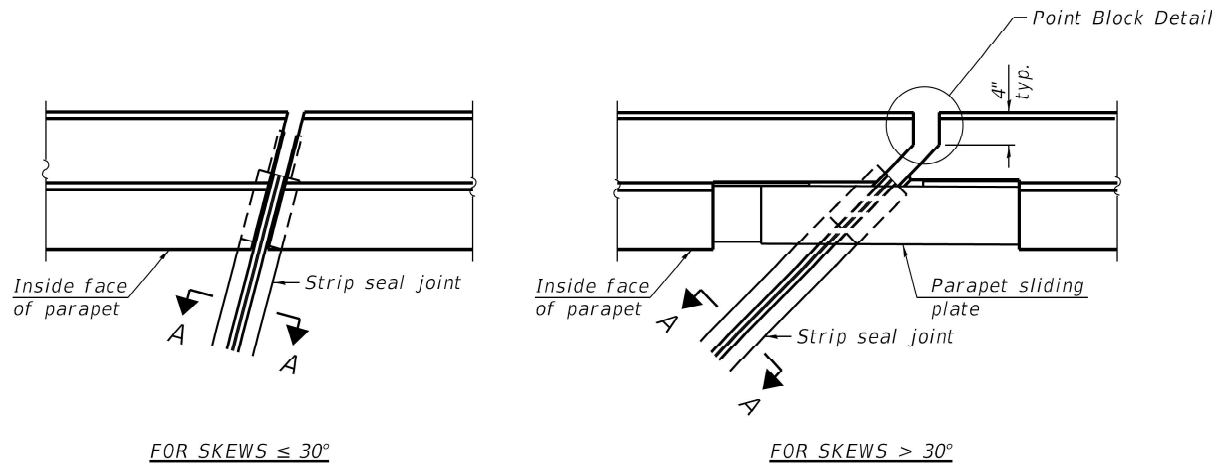
BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	32.3

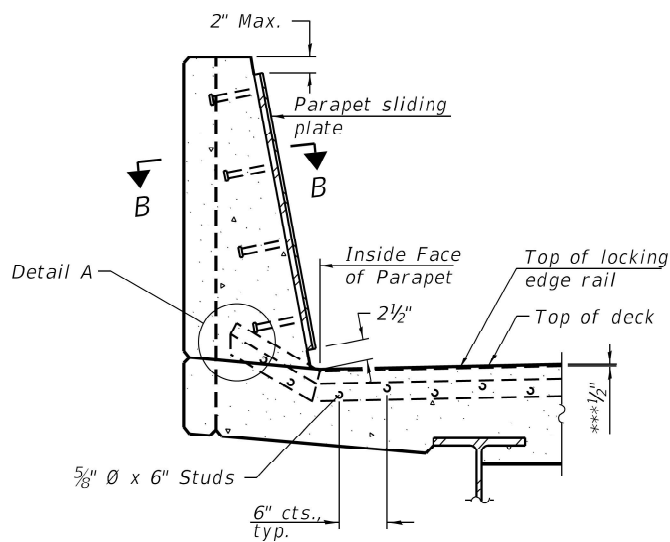
NOTES:

- 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.*





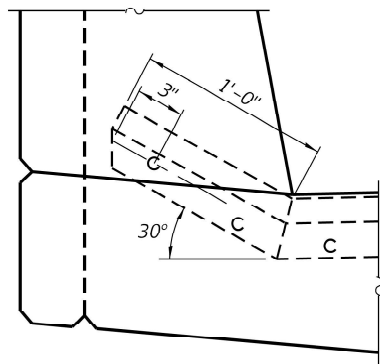
PLAN AT PARAPET



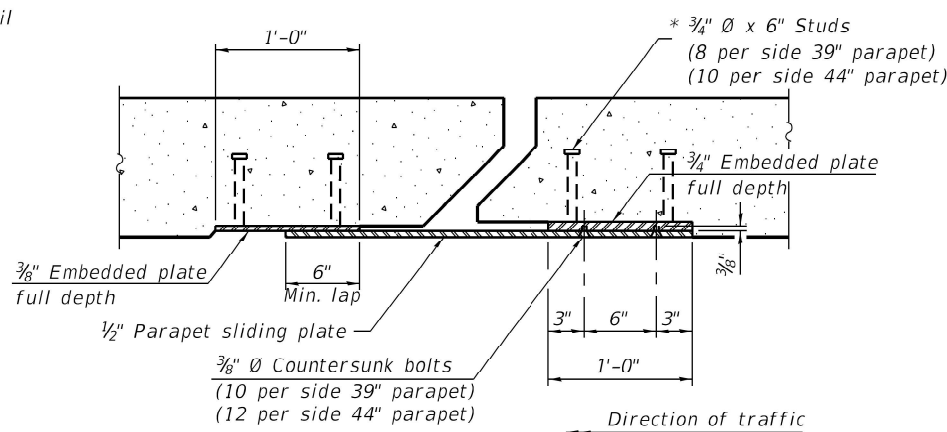
SECTION AT PARAPET

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

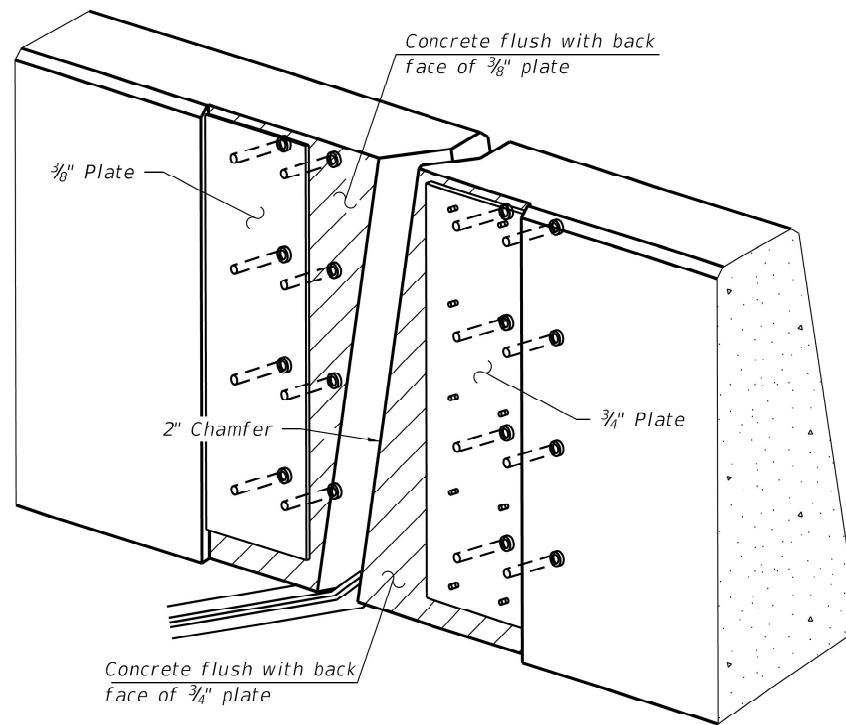
***Prior to 1/4" grinding



DETAIL A

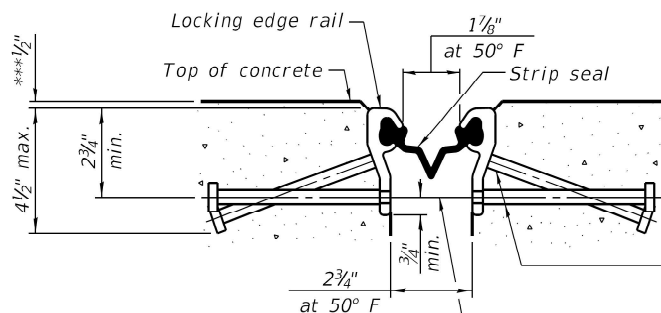


SECTION B-B



TRIMETRIC VIEW

(Showing embedded plates only)



SHOWING ROLLED RAIL JOINT

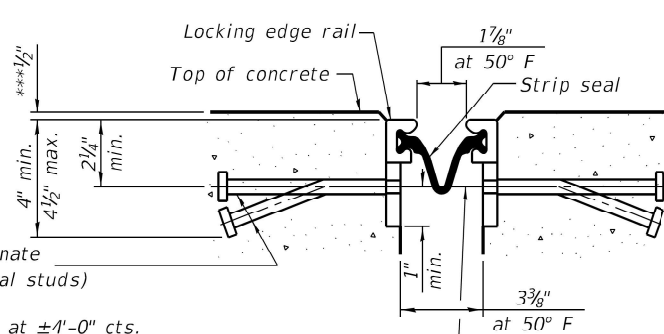
* 5/8" ϕ x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

3/8" ϕ threaded rods in 1/16" ϕ holes at $\pm 1'-0"$ 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.

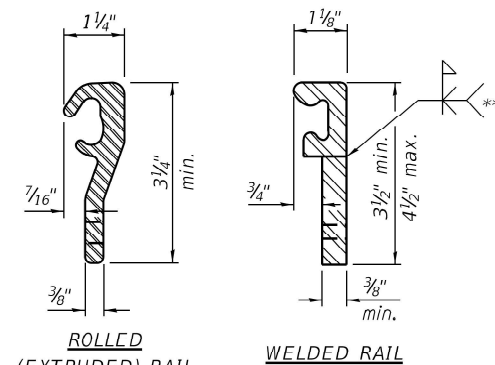
SECTION A-A

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

***Prior to 1/4" grinding

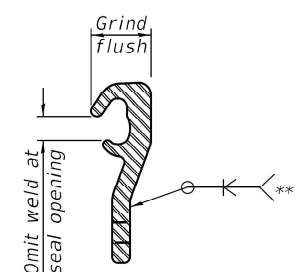


SHOWING WELDED RAIL JOINT



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	215.0

EJ-SS

5-15-2023

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

DESIGNED - CEL	REVISED
CHECKED - VPT	REVISED
DRAWN - CEL	REVISED
CHECKED - VPT	REVISED
DATE - 03/21/2025	

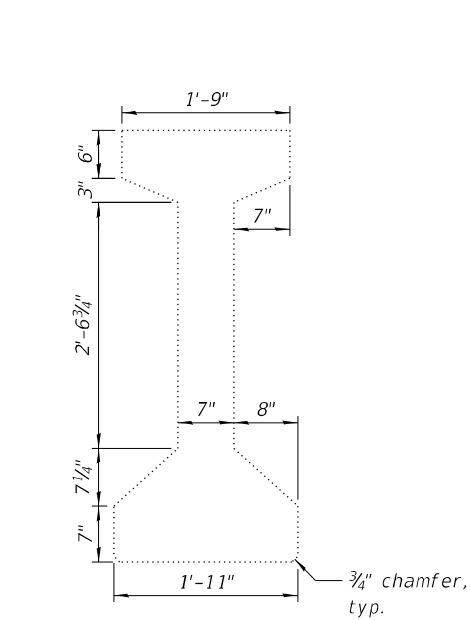
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 050-0177 (N.B.) & 050-0178 (S.B.)

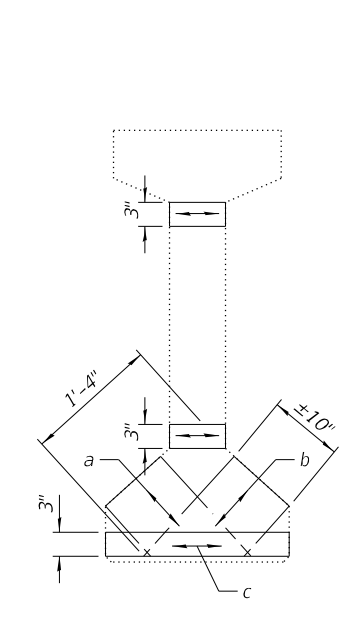
SHEET NO. 21 OF 32 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	72
				CONTRACT NO. 66N36

ILLINOIS

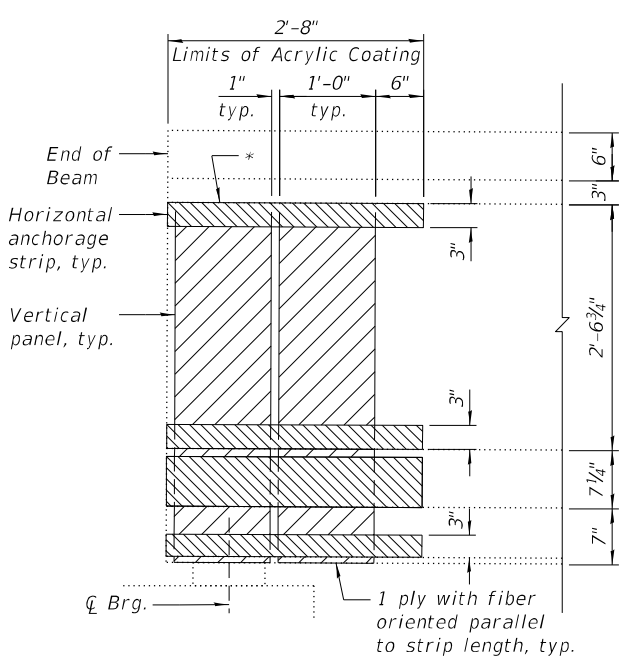


TYPICAL BEAM DIMENSIONS



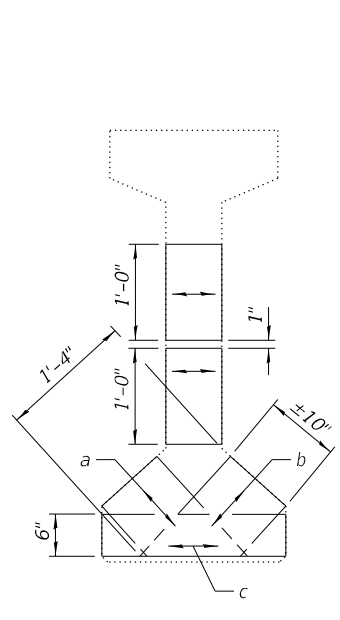
END VIEW
BOTTOM FLANGE REPAIR

FRP Fiber Orientation
Place FRP in the following order: a, b, c.



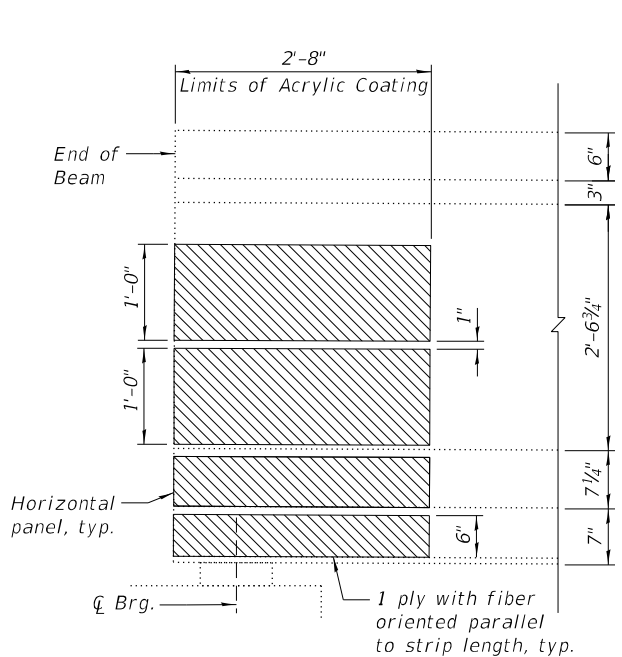
ELEVATION
BOTTOM FLANGE REPAIR

*Top of 3" horizontal anchorage strip shall be located at the top of web or bottom of diaphragm, as visible from the side of the beam to which Fiber Wrap is being applied



END VIEW
WEB REPAIR

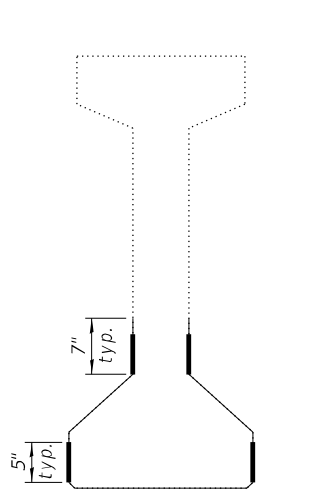
FRP Fiber Orientation
Place FRP in the following order: a, b, c.



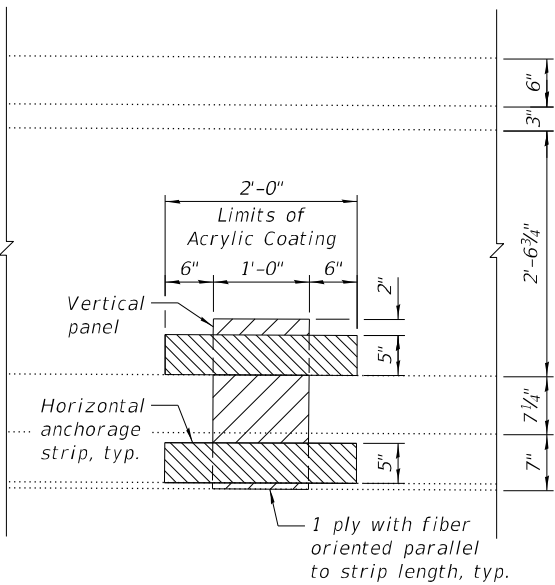
ELEVATION
WEB REPAIR

NOTES:

- 1.) The existing concrete surface shall be cleaned and prepared in accordance with the Special Provisions.
- 2.) See Special Provisions for FRP Strengthening for PPC I-Beam Repairs and Precast Prestressed Concrete I-Beam Repair.
- 3.) Acrylic Coating shall be placed over the fiber wrap repairs. Two coats shall be applied.
- 4.) Vertical FRP panels may be trimmed to fit around diaphragms. The minimum width of the trimmed legs must be 3". The FRP panel may terminate at the base of the diaphragm if the minimum width cannot be met.
- 5.) Horizontal anchorage strips shall extend a minimum of 6" beyond vertical strip.
- 6.) FRP with carbon fibers allowed.
- 7.) When bottom flange and web repairs occur at the same location, the 3" horizontal anchorage strips shown along the sides of the bottom flange and bottom of the web for the Bottom Flange Repair shall be replaced with the 6" and 1'-0" wide horizontal panels required for the Web Repair.



SECTION
BEAM STRIKE REPAIR



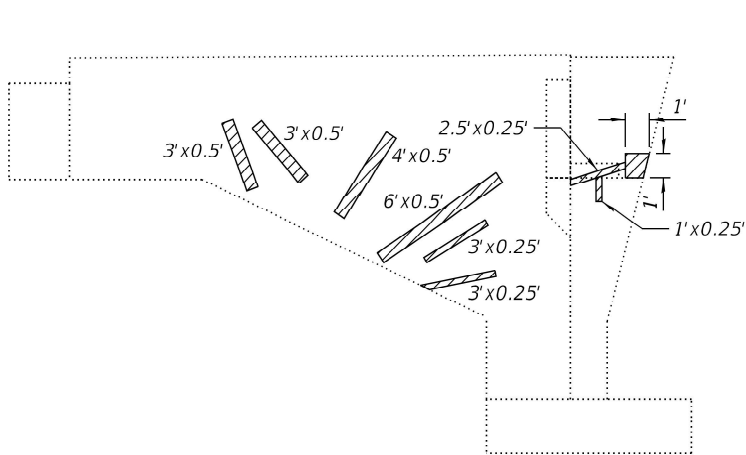
ELEVATION
BEAM STRIKE REPAIR

BILL OF MATERIAL

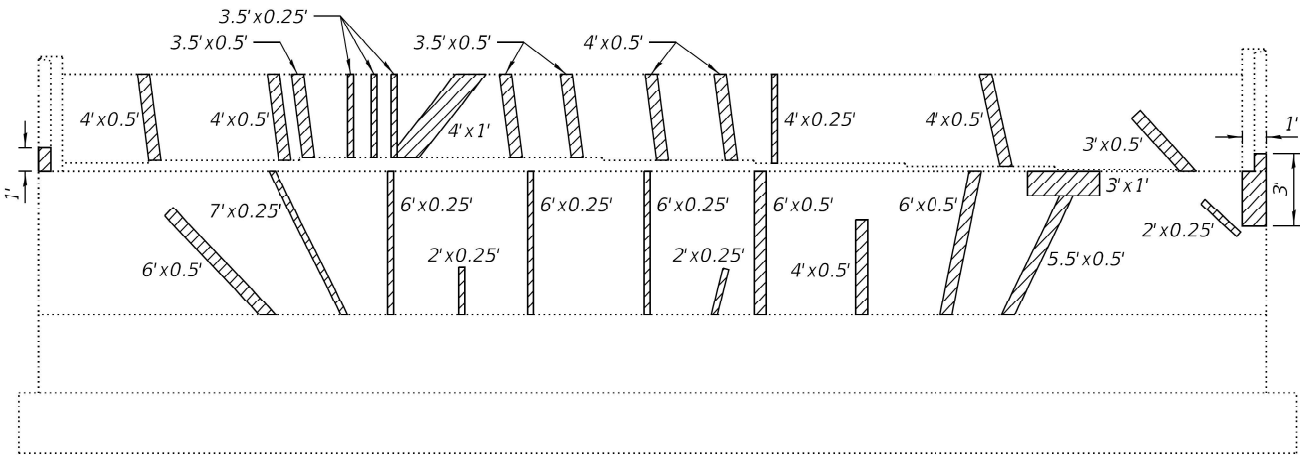
Item	Unit	Total
Acrylic Coating	Sq. Yd.	58
Fiber Wrap	Sq. Ft.	259
PPC I-Beam Repair	Sq. Ft.	7

BEAM REPAIRS

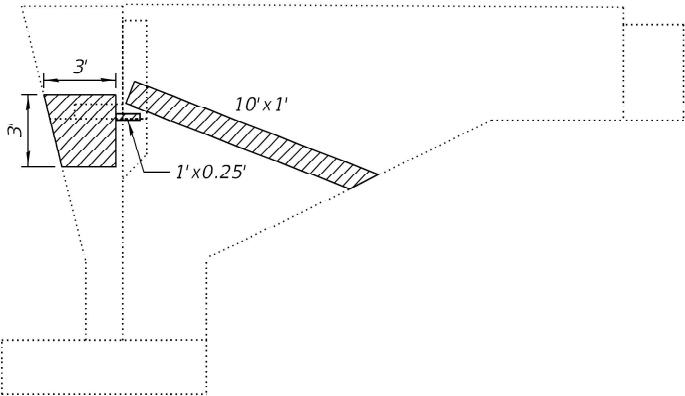
S.N.	REPAIR LOCATION	PPC I-BEAM REPAIR	PPC I-BEAM REPAIR AREA	FRP BEAM REPAIR AREA	NOTES
050-0177 (N.B.)	Beam 1, North End	X	0.5' H x 0.5' W	31 Sq. Ft.	Bottom flange, near bearing
050-0177 (N.B.)	Beam 6, North End	X	2.0' H x 0.5' W	23 Sq. Ft.	Web, near joint
050-0177 (N.B.)	Beam 1, South End	X	0.5' H x 0.5' W	31 Sq. Ft.	Bottom flange, near joint
050-0177 (N.B.)	Beam 4, South End	X	2.5' H x 0.5' W	23 Sq. Ft.	Web, near joint
050-0177 (N.B.)	Beam 7, South End	X	0.75' H x 0.5' W	23 Sq. Ft.	Web, near joint
050-0177 (N.B.)	Beam 8, South End	X	0.5' H x 0.5' W	30 Sq. Ft.	Bottom flange, near joint
050-0177 (N.B.)	Beam 9, South End	X	2.0' H x 0.5' W	42 Sq. Ft.	Bottom flange, near bearing; Web, near joint
050-0177 (N.B.)	Beam 9, 45% Span 2	X	0.5' H x 1.0' W	10 Sq. Ft.	Beam strike over W.B. I-80, S. of bridge mounted sign structure
050-0178 (S.B.)	Beam 6, South End	X	2.0' H x 0.5' W	23 Sq. Ft.	Web, near joint
050-0178 (S.B.)	Beam 7, South End	X	1.0' H x 0.5' W	23 Sq. Ft.	Web, near joint



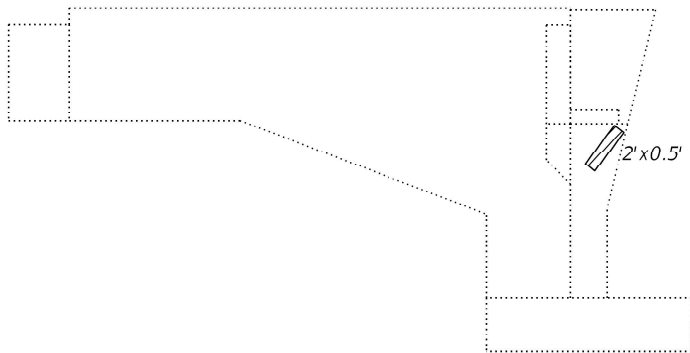
WEST CURTAIN WALL ELEVATION - NORTH ABUTMENT
(Looking East)



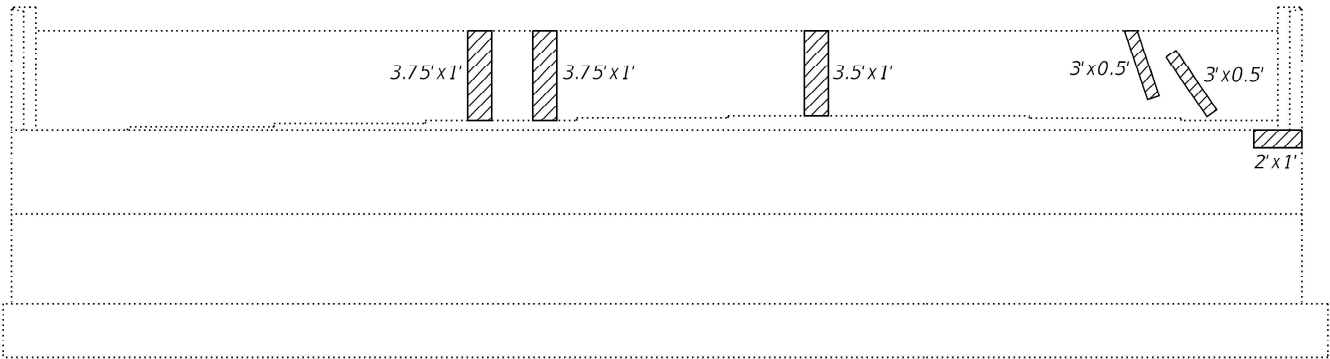
NORTH ABUTMENT ELEVATION
(Looking North)



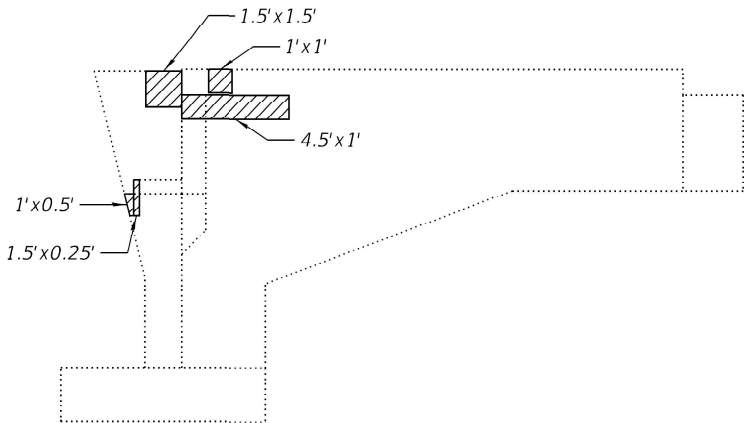
EAST CURTAIN WALL ELEVATION - NORTH ABUTMENT
(Looking West)



EAST CURTAIN WALL ELEVATION - SOUTH ABUTMENT
(Looking West)



SOUTH ABUTMENT ELEVATION
(Looking South)



WEST CURTAIN WALL ELEVATION - SOUTH ABUTMENT
(Looking East)

LEGEND

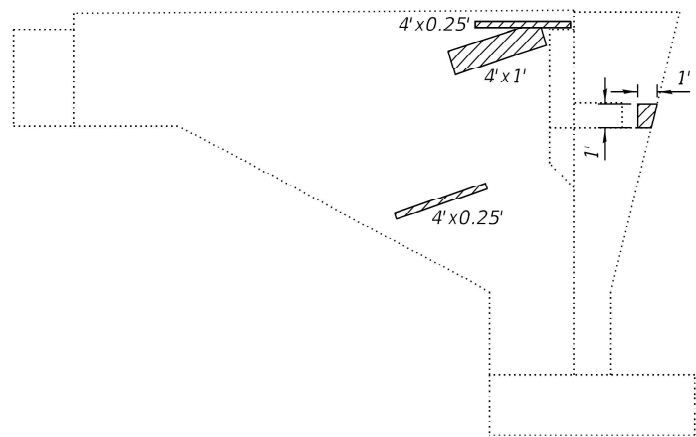
 Structural Repair of Concrete
(Depth Equal to or less than 5 Inches)

NOTES:

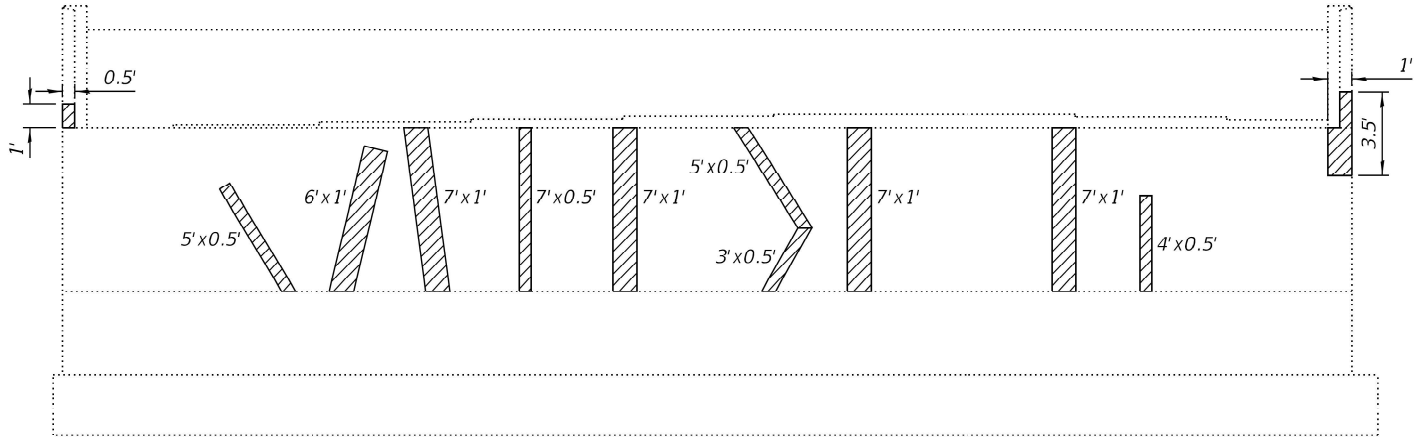
- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of abutments.

BILL OF MATERIAL

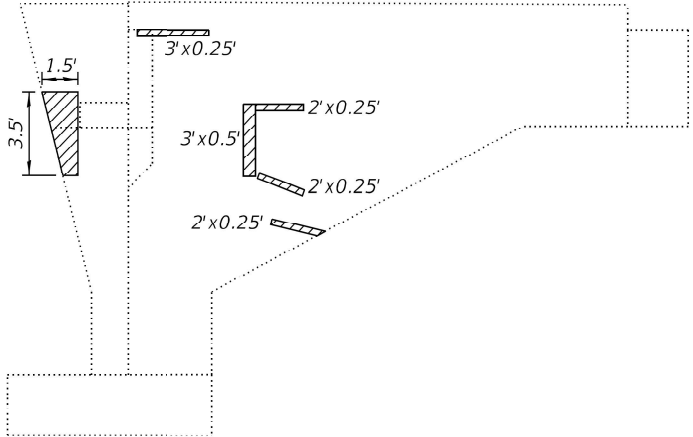
Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	107



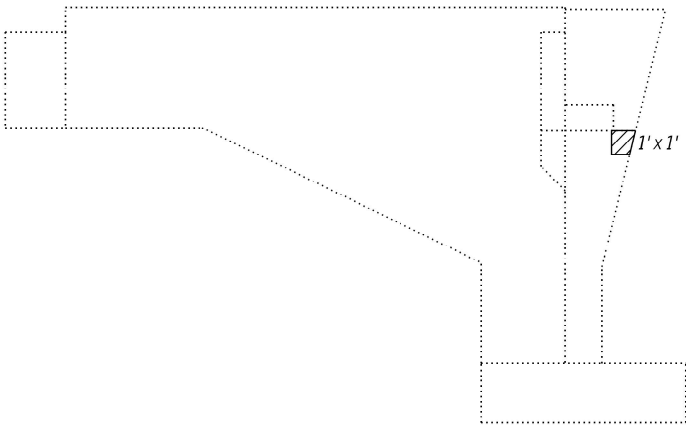
WEST CURTAIN WALL ELEVATION - NORTH ABUTMENT
(Looking East)



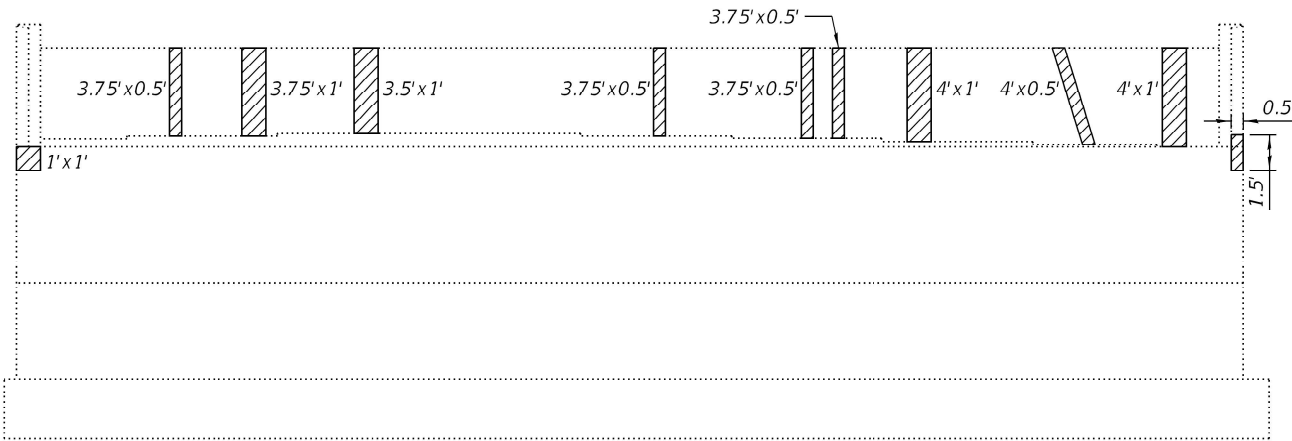
NORTH ABUTMENT ELEVATION
(Looking North)



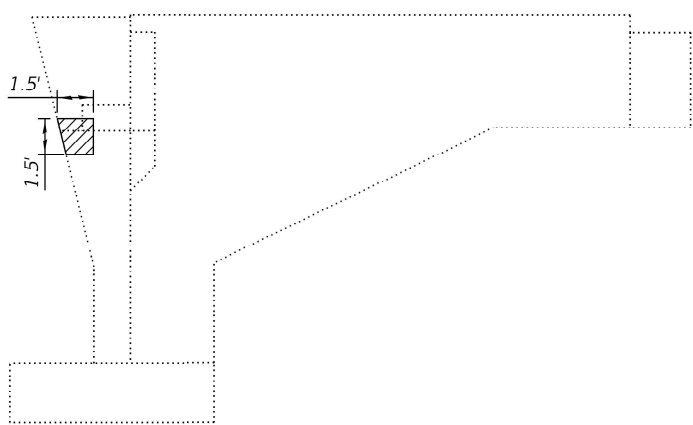
EAST CURTAIN WALL ELEVATION - NORTH ABUTMENT
(Looking West)



EAST CURTAIN WALL ELEVATION - SOUTH ABUTMENT
(Looking West)



SOUTH ABUTMENT ELEVATION
(Looking South)



WEST CURTAIN WALL ELEVATION - SOUTH ABUTMENT
(Looking East)

LEGEND



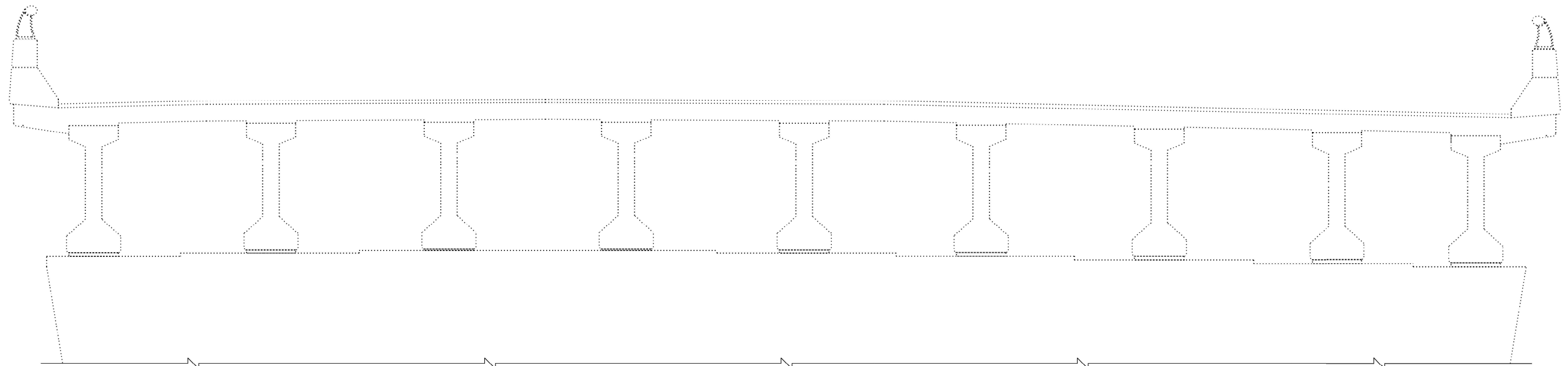
Structural Repair of Concrete
(Depth Equal to or less than 5 Inches)

NOTES:

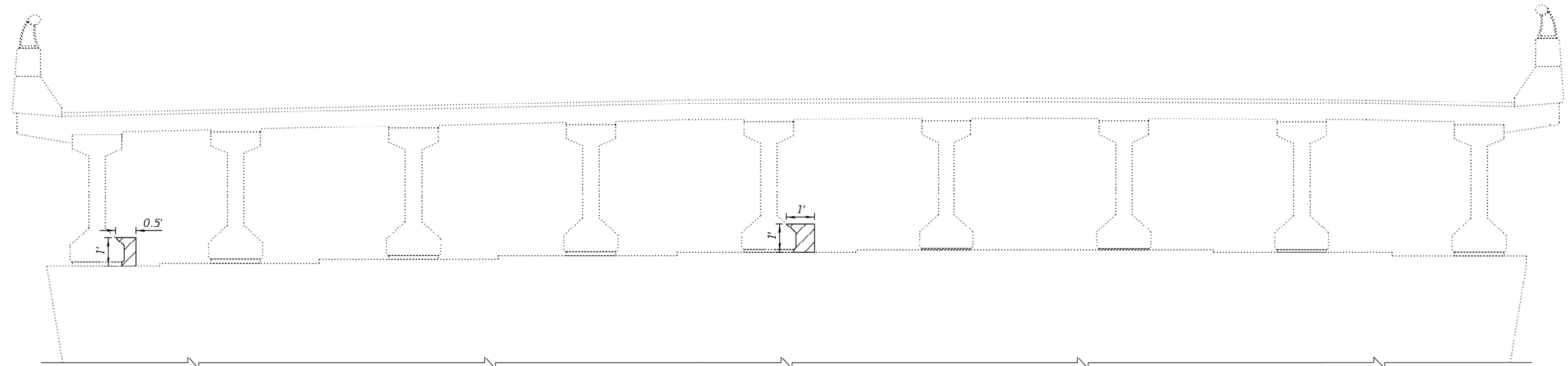
- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of abutments.

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	92



PARTIAL PIER ELEVATION
(Looking North)



PARTIAL PIER ELEVATION
(Looking South)

LEGEND

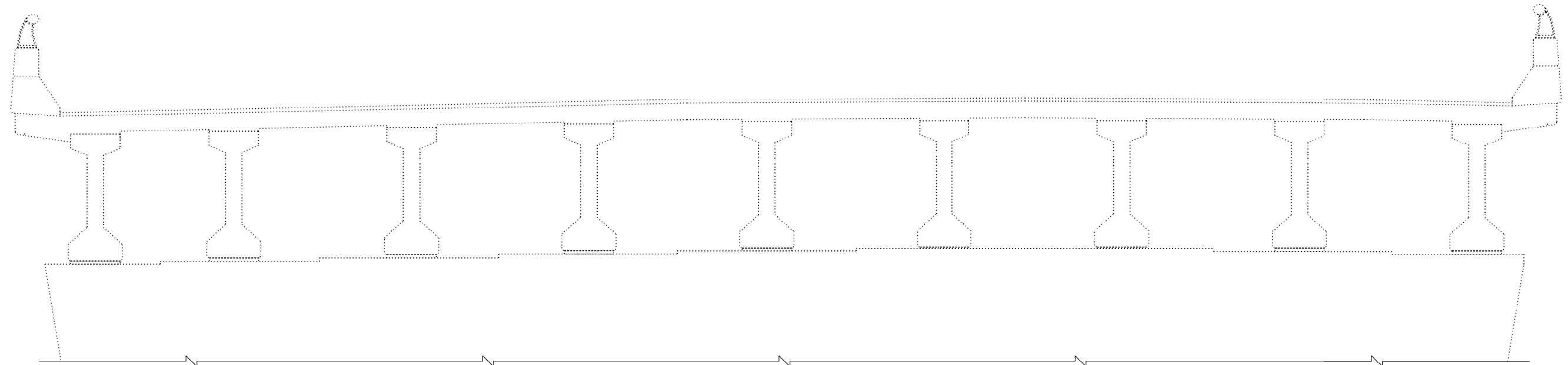
 Structural Repair of Concrete
(Depth Equal to or less than 5 Inches)

NOTES:

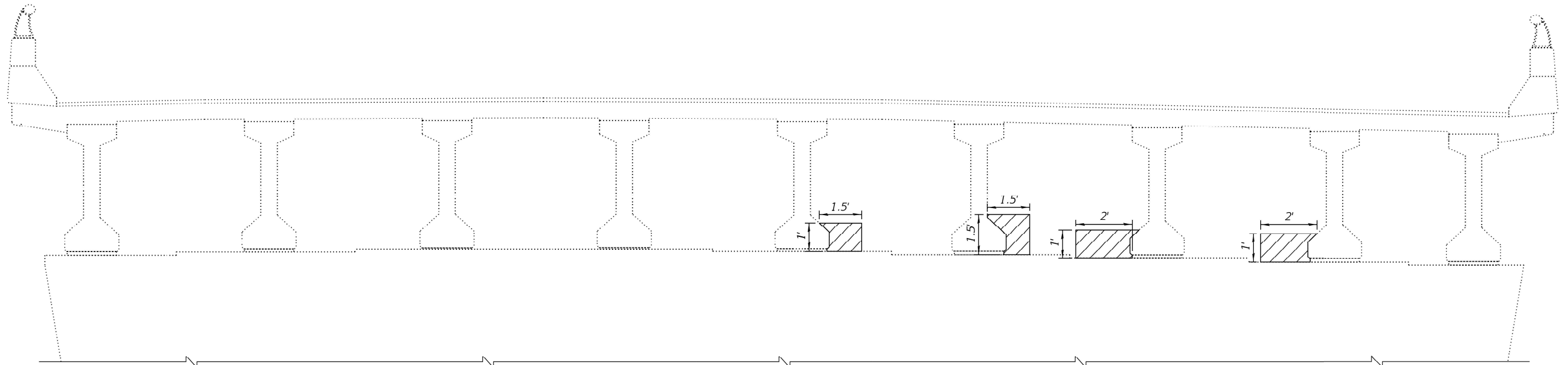
- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier.

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	2



PARTIAL PIER ELEVATION VIEW
(Looking North)



PARTIAL PIER ELEVATION VIEW
(Looking South)

LEGEND



Structural Repair of Concrete
(Depth Equal to or less than 5 Inches)

NOTES:

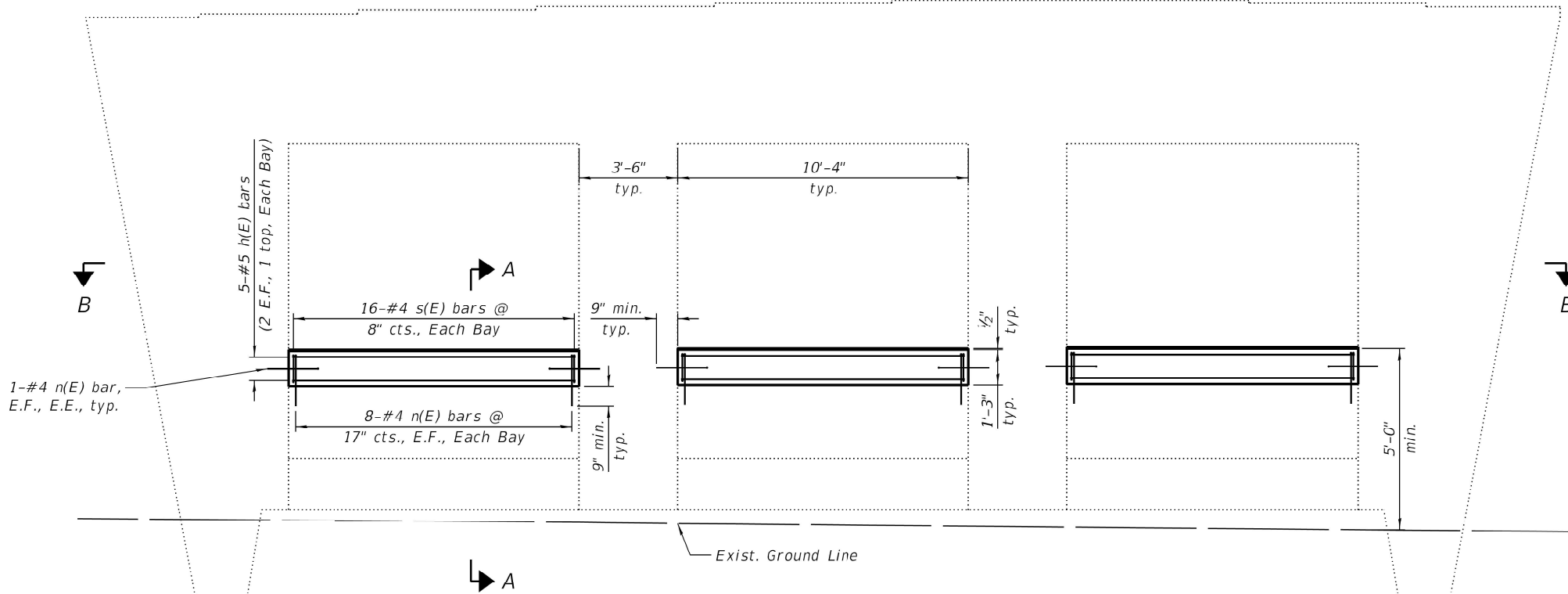
- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to all exposed faces of pier.

BILL OF MATERIAL

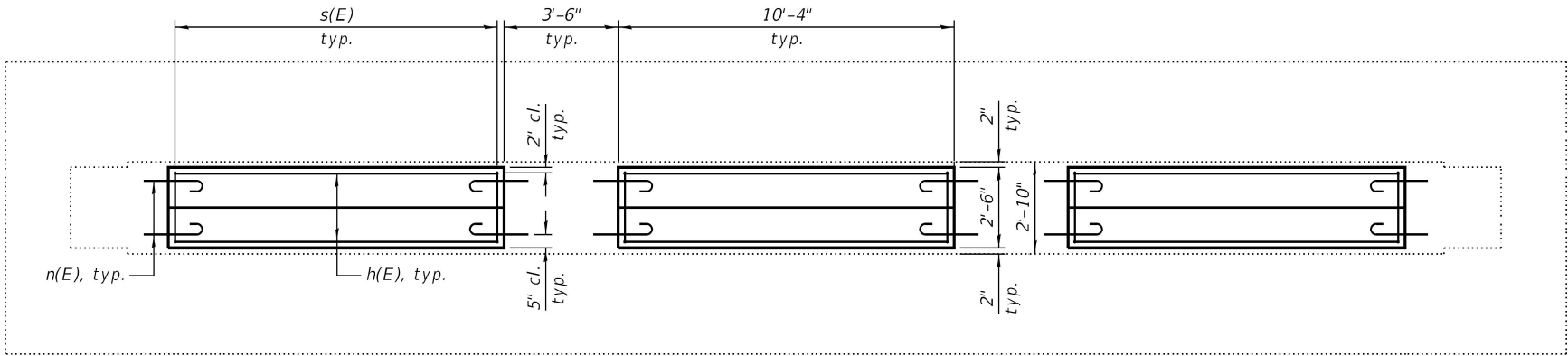
Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	8

BILL OF MATERIAL

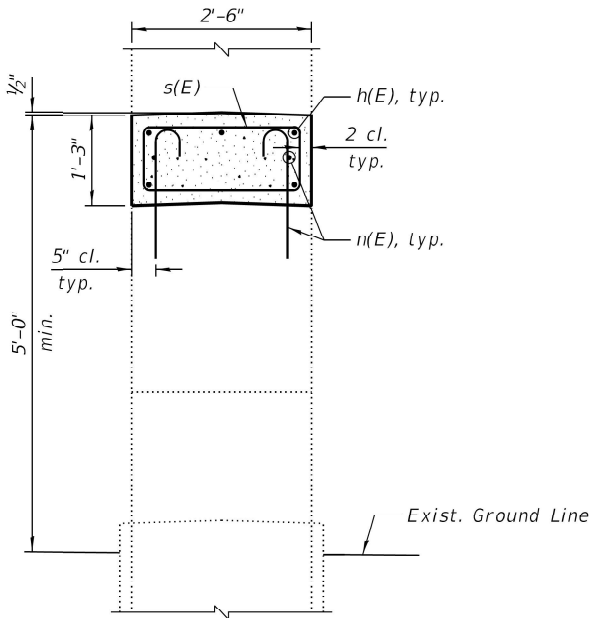
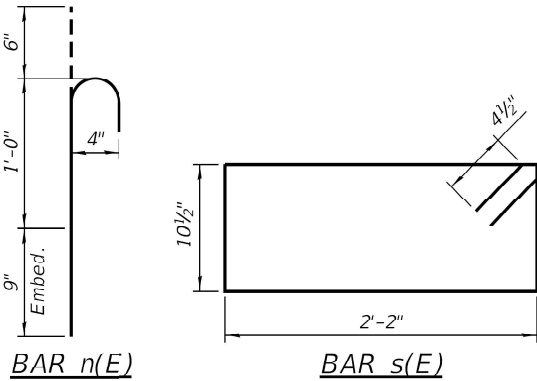
Bar	No.	Size	Length	Shape
h(E)	15	#5	10'-0"	—
n(E)	60	#4	2'-3"	⌋
s(E)	48	#4	6'-10"	□
Item		Unit	Quantity	
Concrete Structures		Cu. Yd.	3.6	
Reinforcement Bars, Epoxy Coated		Pound	470	



ELEVATION
(Looking South)



SECTION B-B



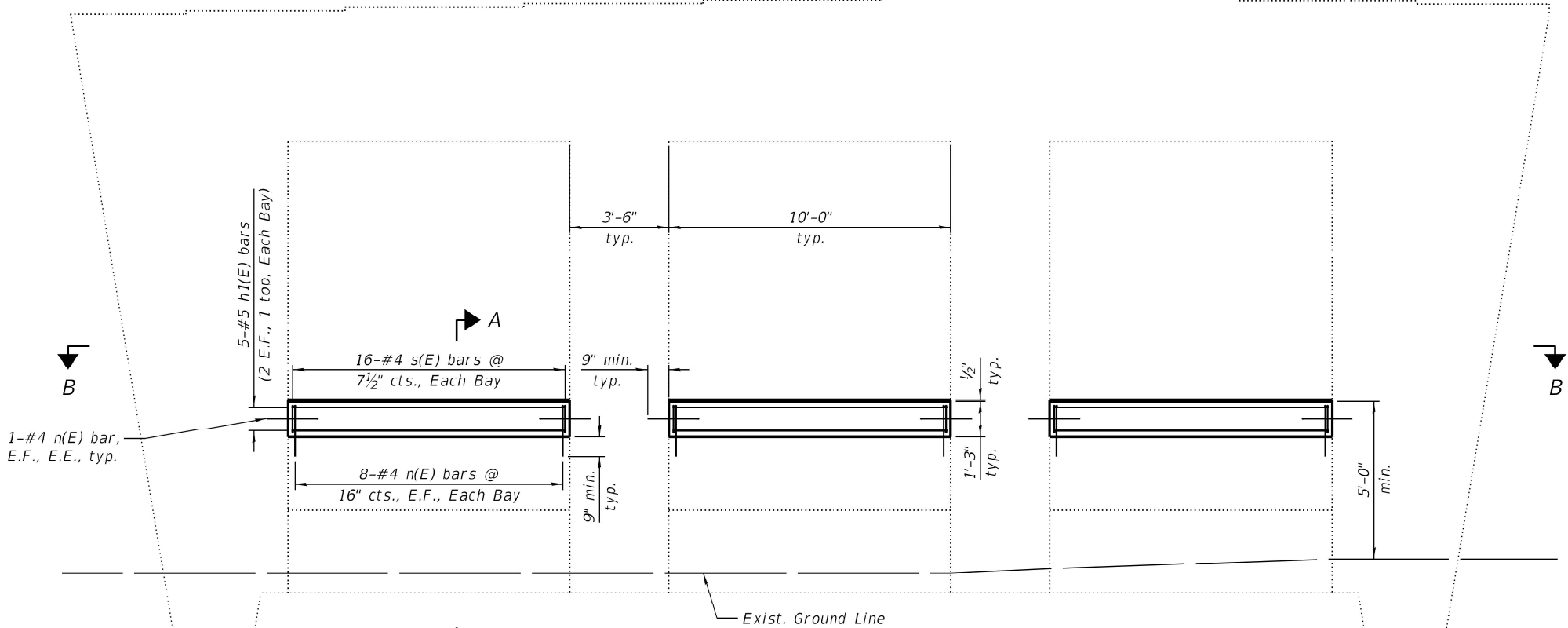
SECTION A-A

NOTES:

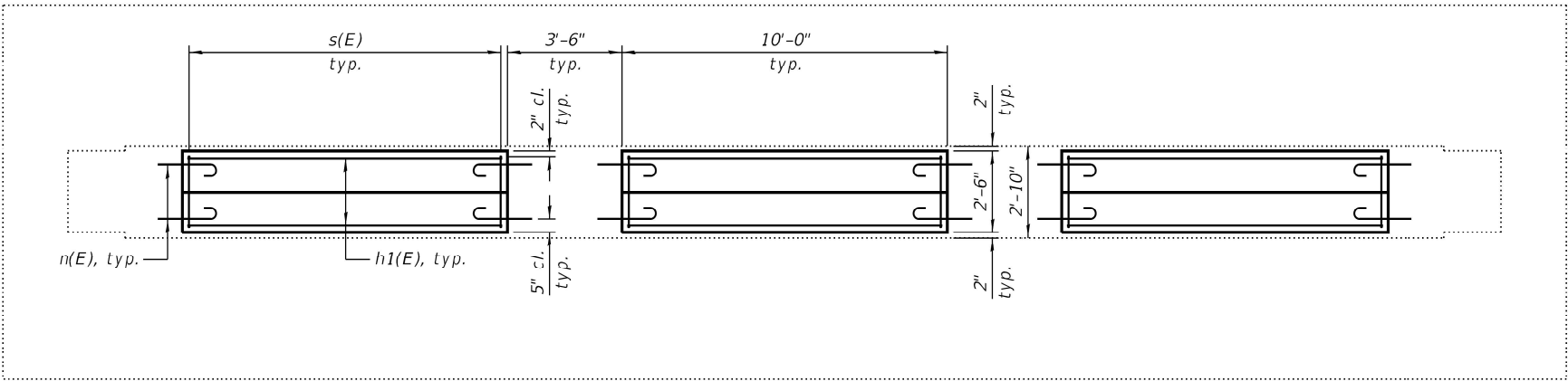
- 1.) Drill & epoxy grout #4 n(E) bars 9" min. into existing concrete according to Section 584 of the Standard Specifications.
- 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to exposed surfaces of proposed pier crashwall extensions, and to all remaining existing pier surfaces.
- 3.) E.F. denotes Each Face and E.E. denotes Each End.

BILL OF MATERIAL

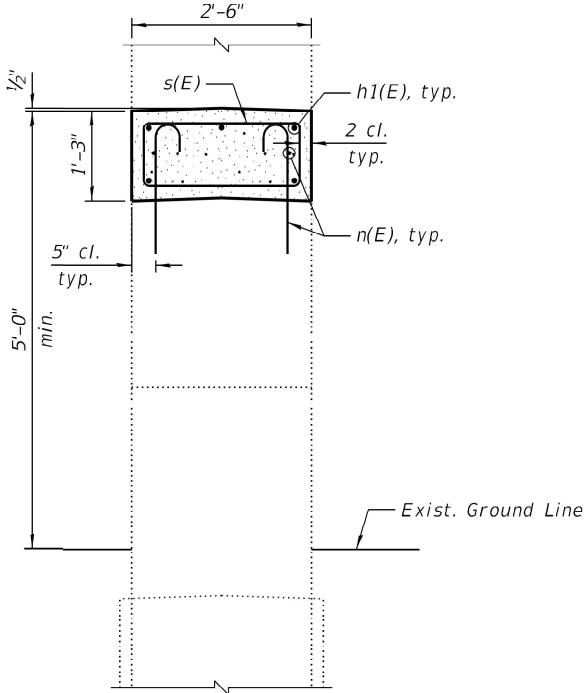
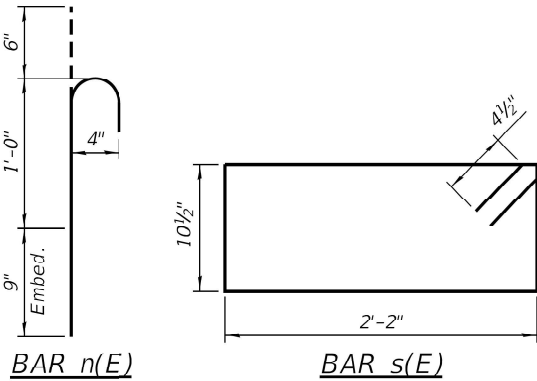
Bar	No.	Size	Length	Shape
h1(E)	15	#5	9'-8"	—
n(E)	60	#4	2'-3"	⌋
s(E)	48	#4	6'-10"	□
Item		Unit	Quantity	
Concrete Structures		Cu. Yd.	3.5	
Reinforcement Bars, Epoxy Coated		Pound	460	



ELEVATION
(Looking North)



SECTION B-B



SECTION A-A

- NOTES:
- 1.) Drill & epoxy grout #4 n(E) bars 9" min. into existing concrete according to Section 584 of the Standard Specifications.
 - 2.) Concrete Sealer shall be applied according to Section 587 of the Standard Specifications to exposed surfaces of proposed pier crashwall extensions, and to all remaining existing pier surfaces.
 - 3.) E.F. denotes Each Face and E.E. denotes Each End.



ESTIMATED VOID VOLUME FOR
SLOPE WALL SLURRY PUMPING
10.5' x 5.5' x 1.5'

BILL OF MATERIAL

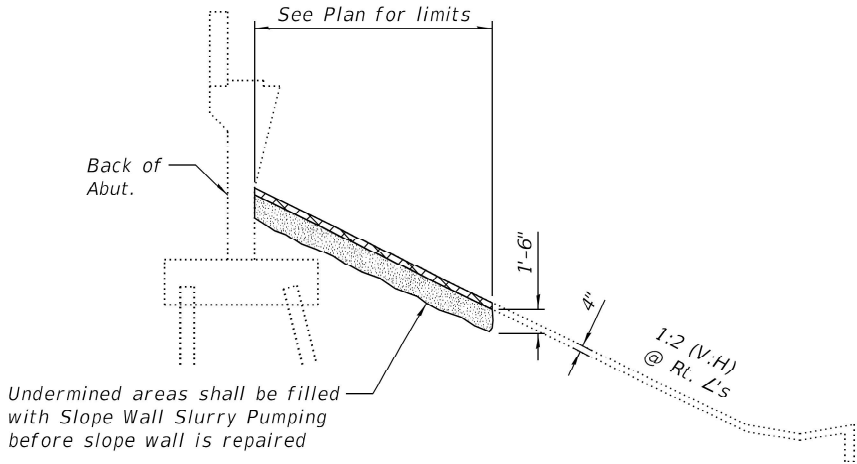
Item	Unit	Total
Slope Wall Crack Sealing	Foot	579
Slope Wall Repair	Sq. Yd.	7
Slope Wall Slurry Pumping	Cu. Yd.	5.0

NOTES:

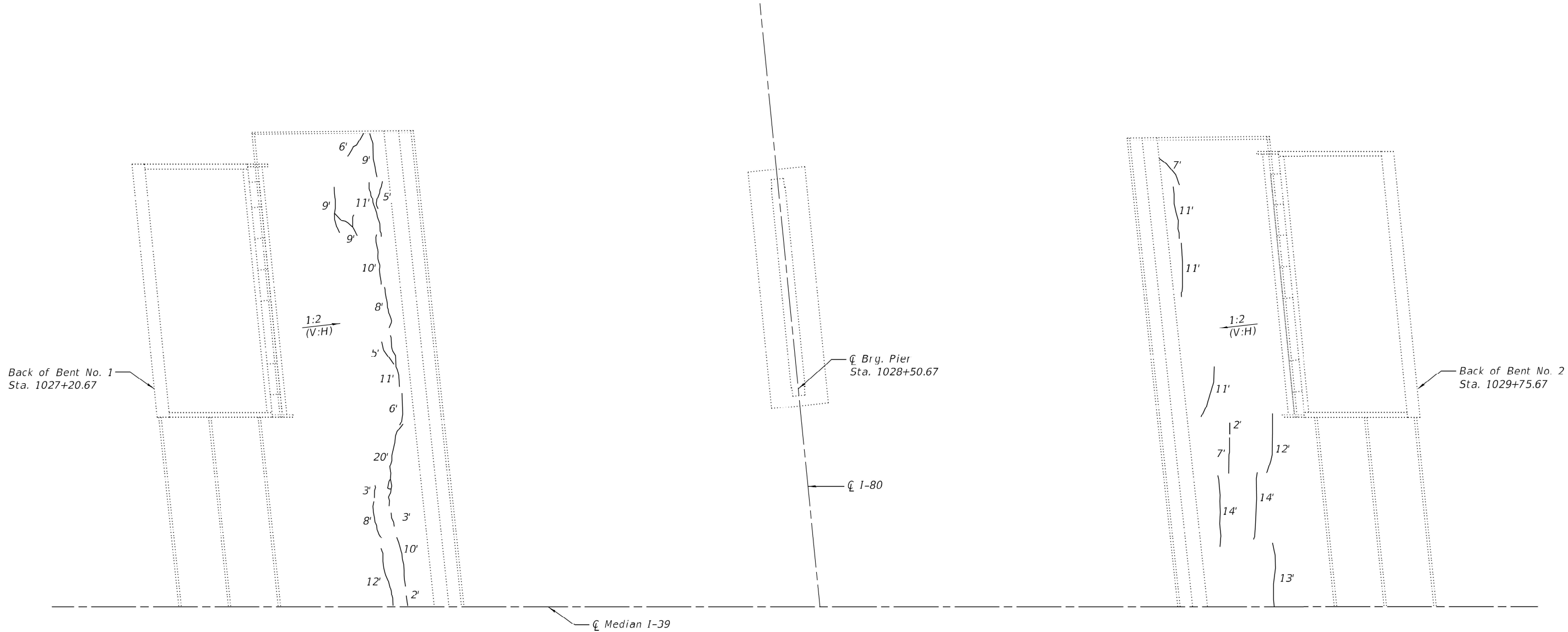
- Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
- The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- Quantities displayed in the Bill of Material with units of Cu. Yd. have been increased beyond the volumes indicated in the Plan view shown on this sheet in order to provide a minimum of 5 Cu. Yd. for the purpose of establishing a unit price.
- The quantities shown for Slope Wall Crack Sealing have been increased beyond those identified in the Plan view shown on this sheet to account for sealing of open joints.

LEGEND

- L.F. Slope Wall Crack Sealing
- Slope Wall Repair



SLURRY PUMPING SECTION



PLAN

BILL OF MATERIAL

Item	Unit	Total
Slope Wall Crack Sealing	Foot	568

NOTES:

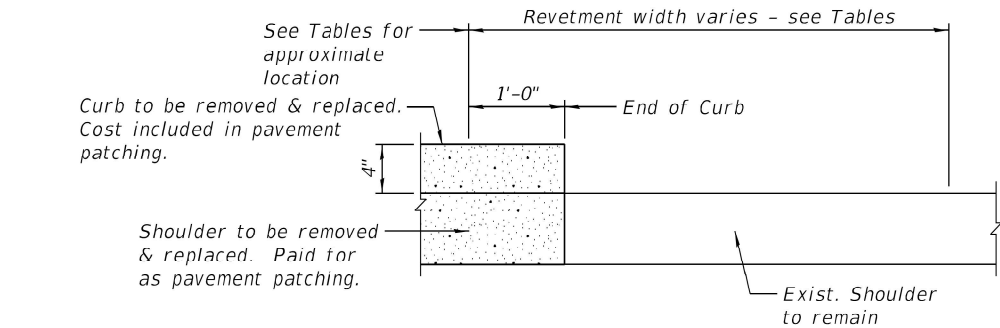
- 1.) The repair areas shown are estimated based on field inspections conducted in August 2023. The actual repair areas required shall be verified according to the special provisions.
- 2.) The quantities shown for Slope Wall Crack Sealing have been increased beyond those identified in the Plan view shown on this sheet to account for sealing of open joints.

LEGEND

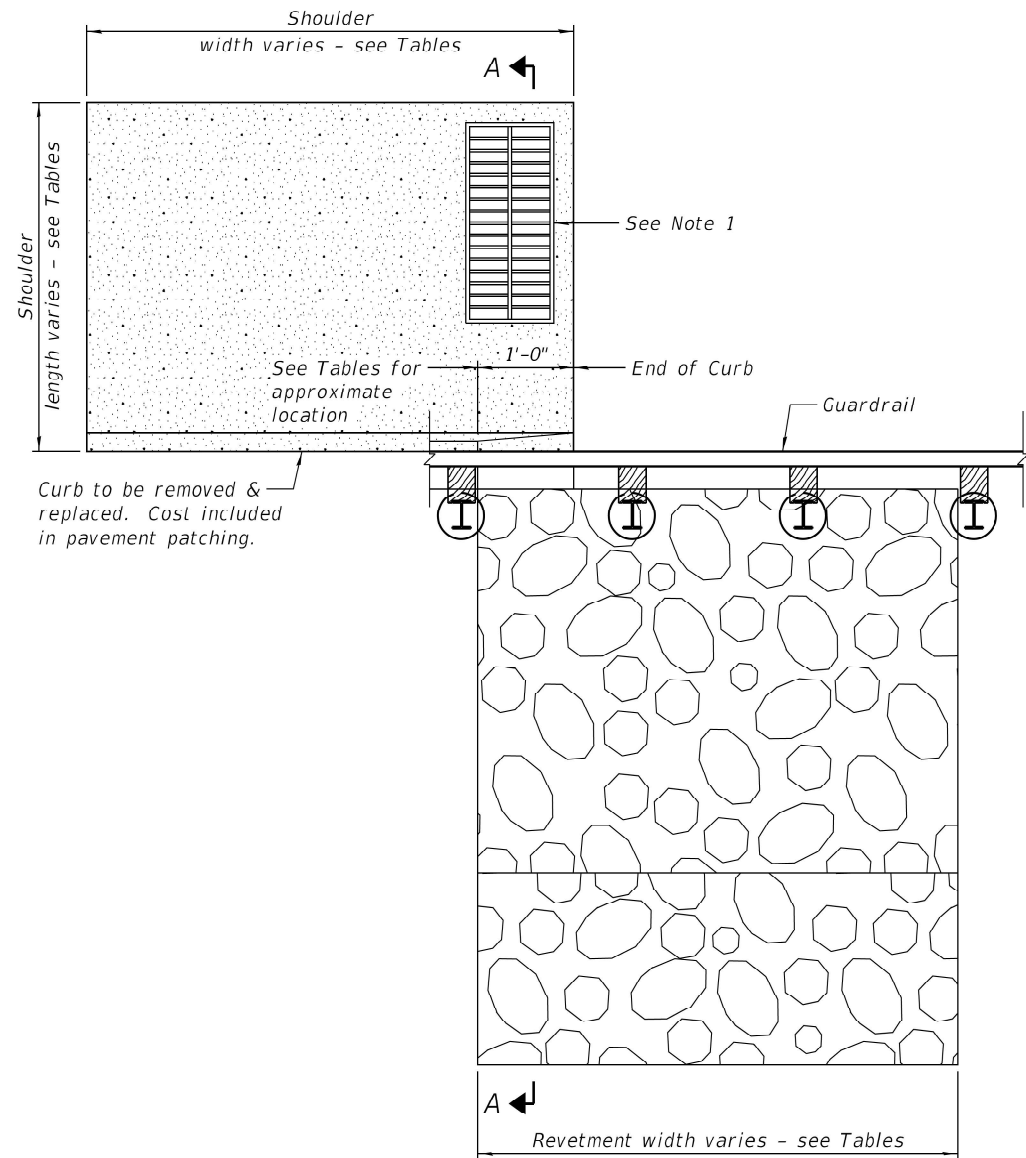
L.F. Slope Wall Crack Sealing

	DESIGNED - CEL	REVISED
	CHECKED - VPT	REVISED
	DRAWN - CEL	REVISED
DATE - 03/21/2025	CHECKED - VPT	REVISED

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	50-SHB	LASALLE	91	81
CONTRACT NO. 66N36				
ILLINOIS				



CURB PROFILE VIEW



SHOULDER AND RIPRAP EMBANKMENT PLAN VIEW

SOUTHBOUND

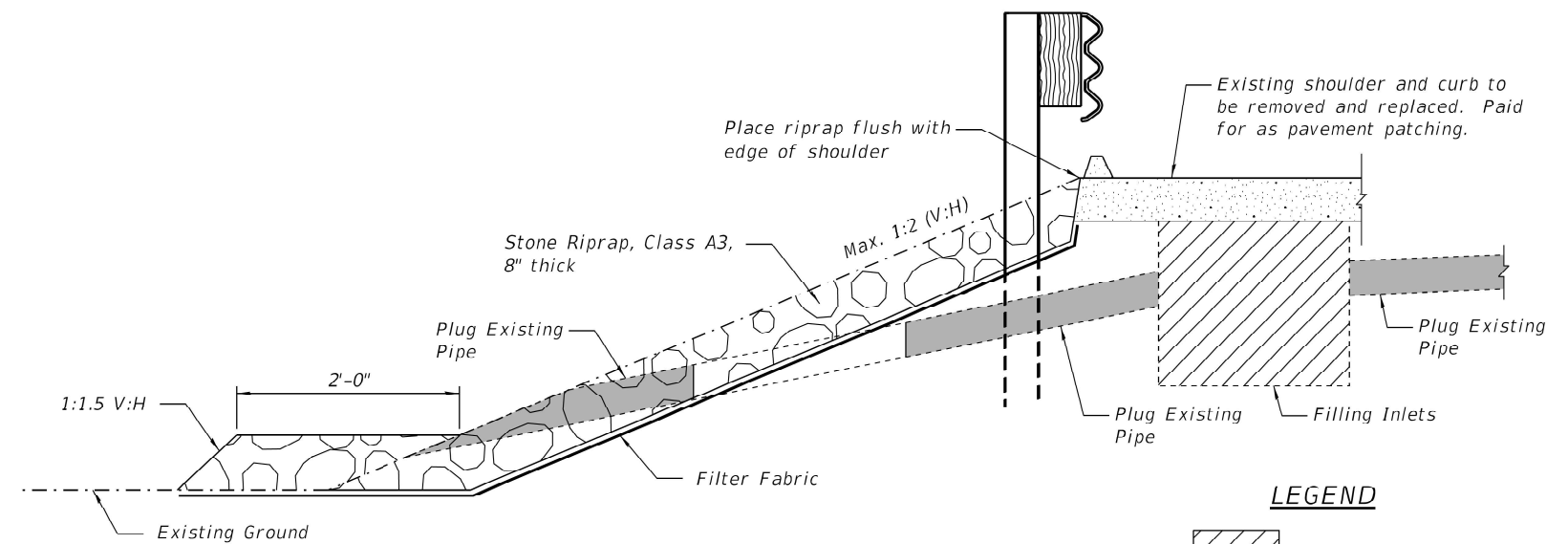
Location	Revetment Width (Ft)	Revetment Length (Ft)	Stone Riprap, Class A3 (Sq Yd)	Filter Fabric (Sq Yd)	Shoulder Width (Ft)	Shoulder Length (Ft)	Class C Patches, Type I, 10 inch (Sq Yd)	Filling Inlets (Each)	Plug Existing Pipe (Cu Yd)
1029+82, 92' Lt.	6.00	105.00	70	70	11.50	5.75	7	1	0.7
1029+00, 30' Lt.	4.00	36.00	16	16	12.00	5.75	8	1	0.2

NORTHBOUND

Location	Revetment Width (Ft)	Revetment Length (Ft)	Stone Riprap, Class A3 (Sq Yd)	Filter Fabric (Sq Yd)	Shoulder Width (Ft)	Shoulder Length (Ft)	Class C Patches, Type I, 10 inch (Sq Yd)	Filling Inlets (Each)	Plug Existing Pipe (Cu Yd)
1029+95, 38' Rt.	4.00	36.00	16	16	14.00	6.00	9	1	0.2
1030+02, 90' Rt.	6.00	100.00	67	67	14.25	5.50	9	1	0.7

NOTES:

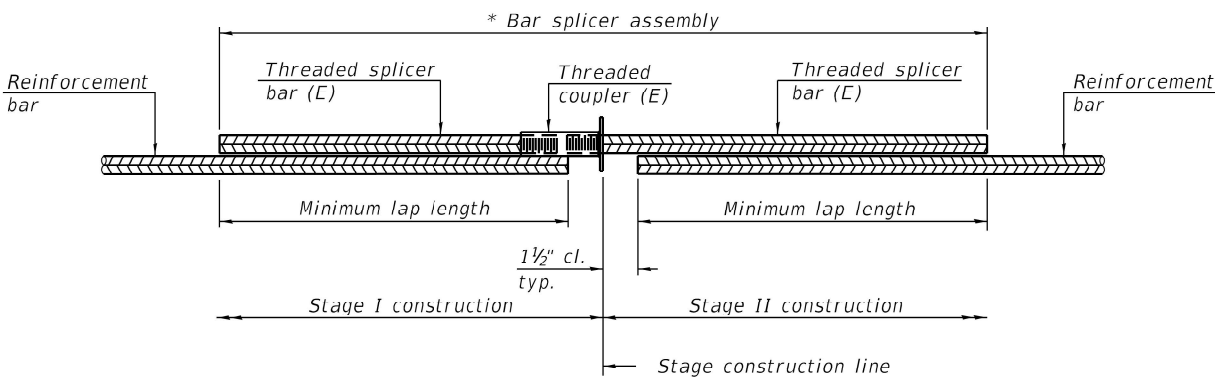
- 1.) Shoulder inlet grates at Sta. 1029+78 S.B., 90' Lt.; Sta. 1029+85 S.B., 40' Lt.; Sta. 1029+92 N.B., 40' Rt.; and Sta. 1029+98 N.B., 88' Rt.; to be removed and disposed. Cost included in Filling Inlets.
- 2.) First 8 feet of each end of pipes connected to shoulder inlets at the locations identified in Note 1 to be filled with CLSM and abandoned. Paid for as Plug Existing Pipe. See the Special Provisions.
- 3.) Shoulder and curb removal and replacement shall be paid for as pavement patching.
- 4.) Top of riprap shall not extend above top of adjacent shoulder. Bottom of riprap shall be sloped to drain away from the shoulder, at a minimum slope of 1/4" per foot. Any excavation or grading necessary to meet these requirements shall be included in the cost of Stone Riprap, Class A3.
- 5.) Revetment lengths are estimated, and measured along the longitudinal centerline of the top surface of the riprap. Final layout to be determined in the field by the Contractor in order to match into the existing ground surface at the start and end of revetment strips, subject to approval by the Engineer.



LEGEND

	Filling Inlets
	Plug Existing Pipe

SHOULDER AND RIPRAP EMBANKMENT SECTION A-A



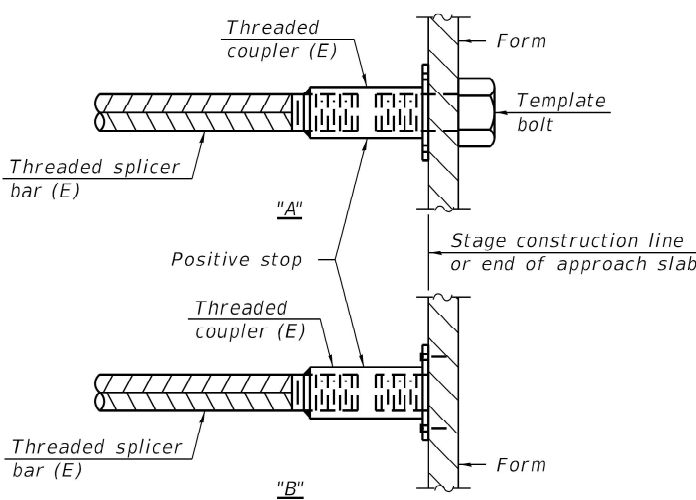
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck at Joint	#6	16	4'-10"
Deck at Joint	#7	36	6'-5"

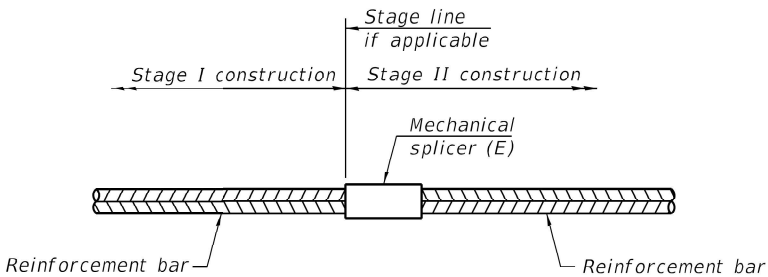


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



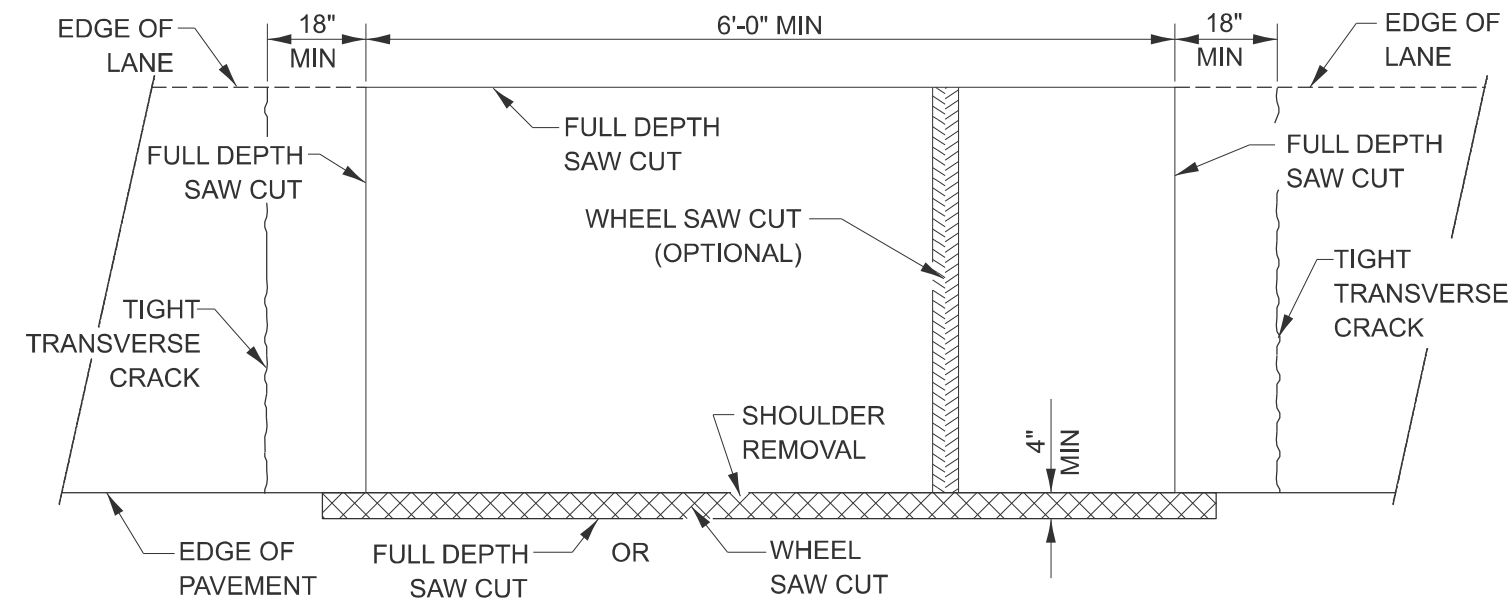
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required
Deck at Joint	#6	20

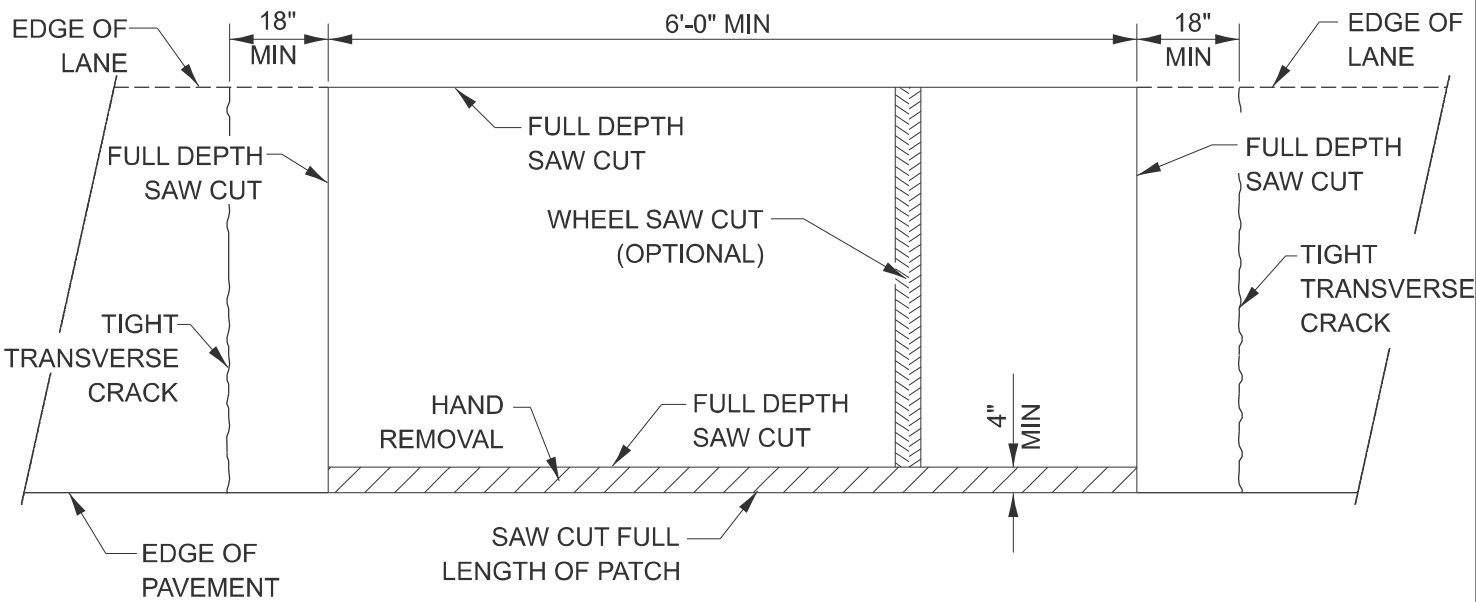
Notes:
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

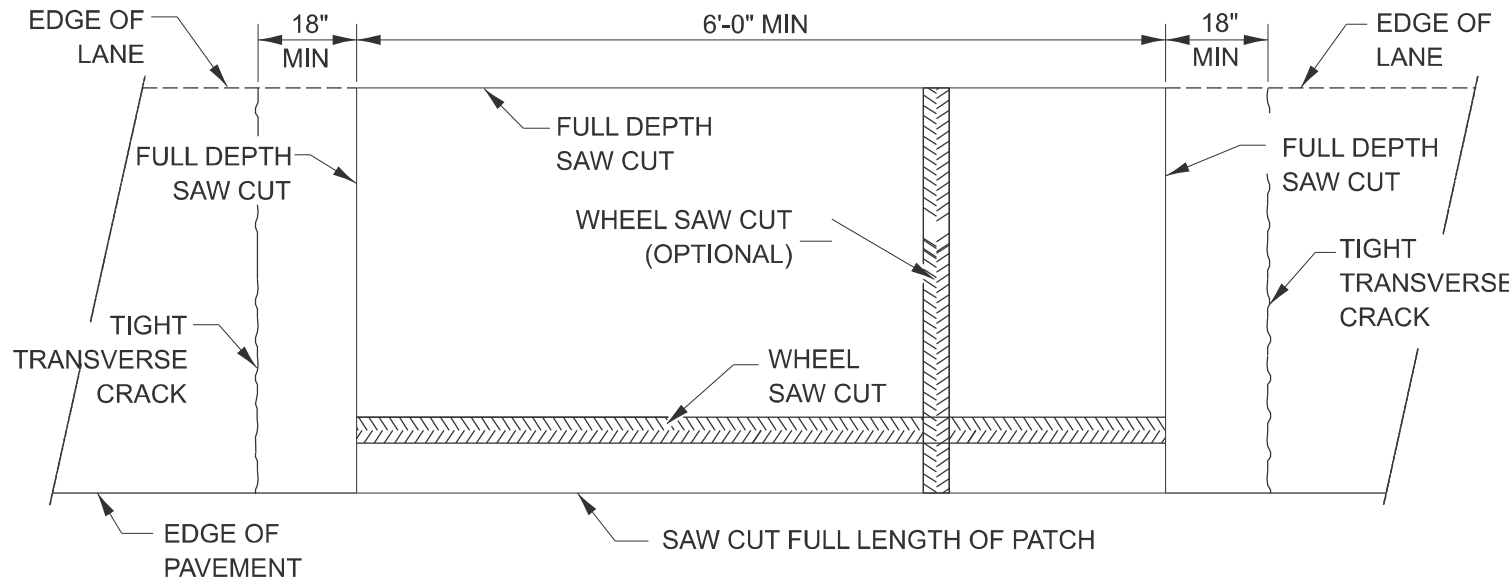
5-15-2023



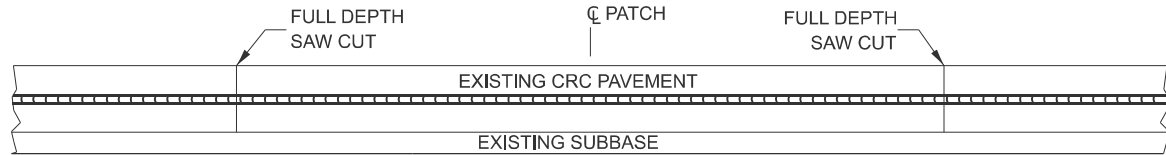
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



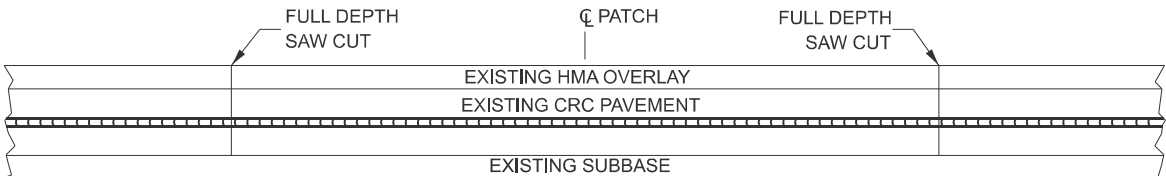
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



ALTERNATE SAWING DETAIL
(PCC SHOULDER)



EXISTING PAVEMENT WITHOUT HMA SURFACE

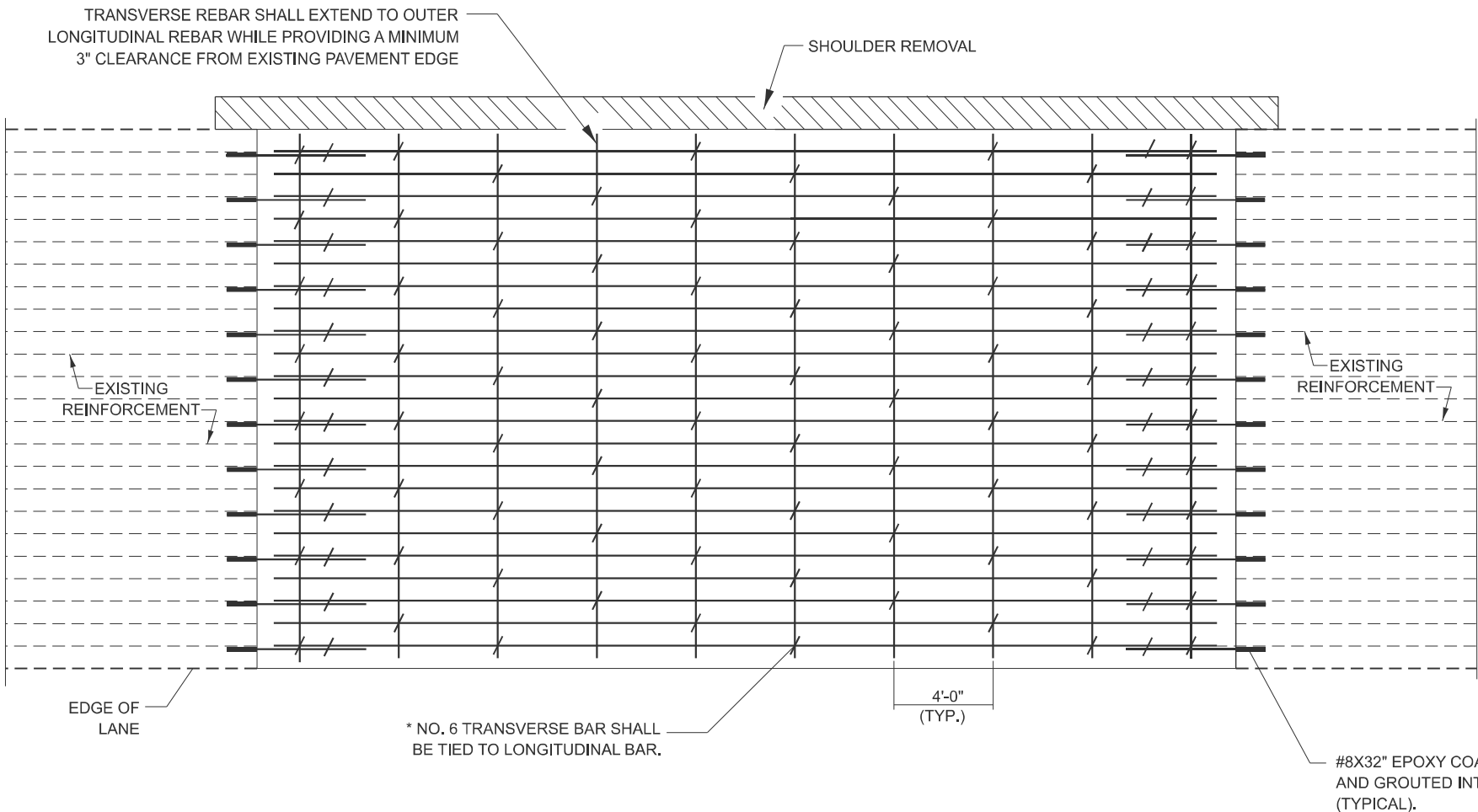


EXISTING PAVEMENT WITH HMA SURFACE

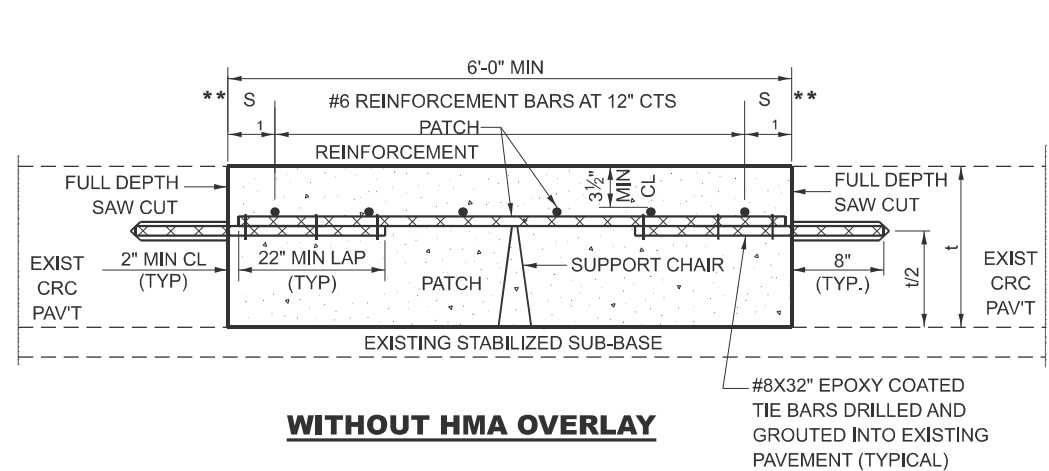
PAVEMENT SAWING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)

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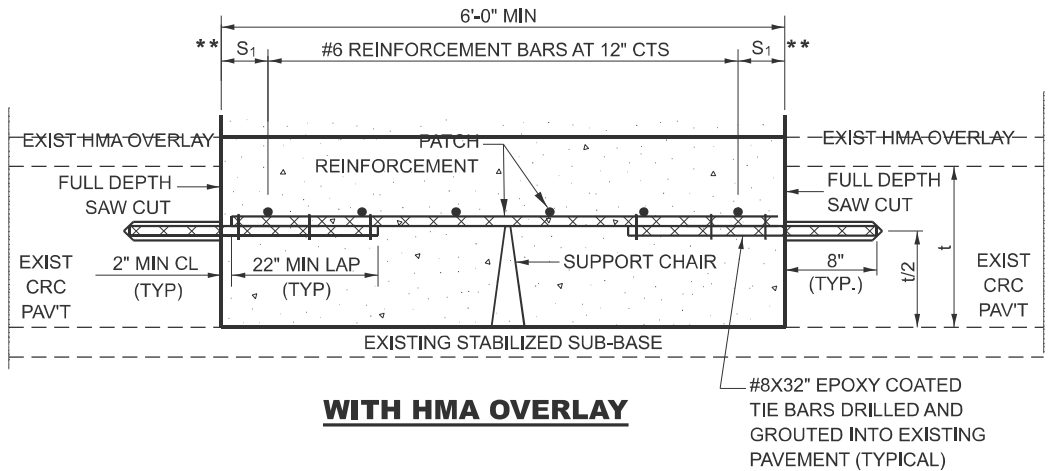
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		DRAWN -	REVISED -						39	(50-5HB)BJR,BDR	LASALLE	91	84
		CHECKED -	REVISED -						CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



PAVEMENT REINFORCEMENT DETAIL

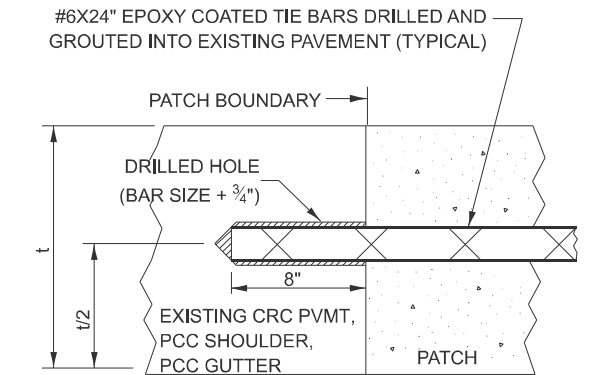


WITHOUT HMA OVERLAY



WITH HMA OVERLAY

PATCHING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)



LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.

NOTES:
EXISTING LONGITUDINAL REINFORCEMENT:
22 - #5 BARS AT 6½" SPACING.

SPACING OF NEW LONGITUDINAL REINFORCEMENT SHALL MATCH THE SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

TRANSVERSE CONSTRUCTION JOINTS: #8 X 32" EPOXY COATED TIE BAR SHALL BE DRILLED AND GROUTED INTO THE EXISTING PCC PAVEMENT AT A SPACING OF ± TWICE THE SPACING OF EXISTING LONGITUDINAL REINFORCEMENT BARS AND SHALL BE TIED TO PROPOSED LONGITUDINAL REINFORCEMENT WITH A MINIMUM OF TWO TIES PER BAR WHEN PRACTICAL.

* EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

** VARIABLE: WHERE S₁ IS 2½" MIN. AND 12" MAX.

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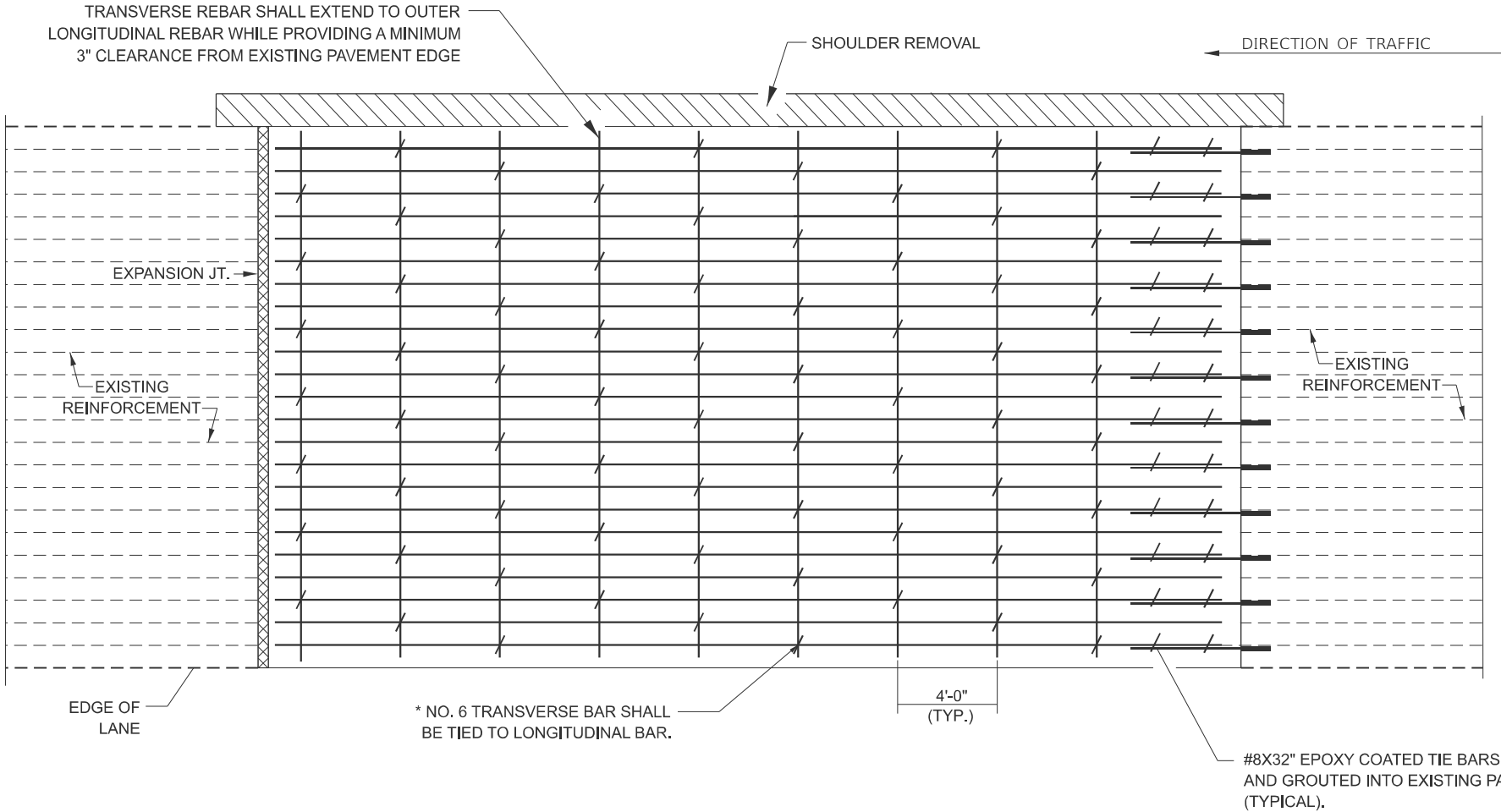
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/28/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

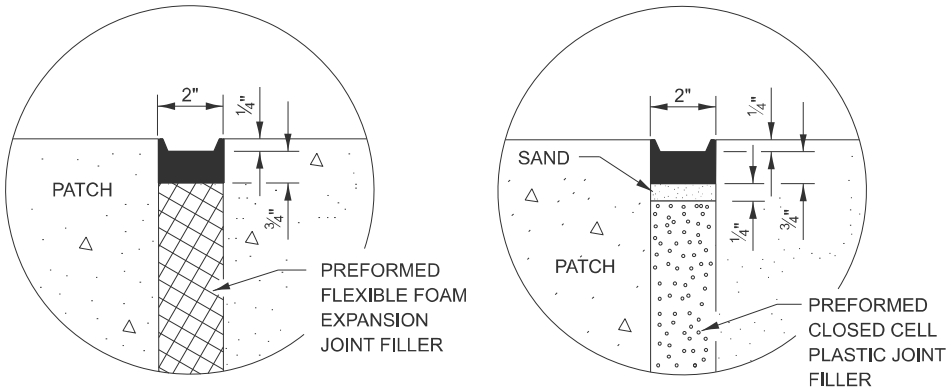
CLASS A PATCHING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

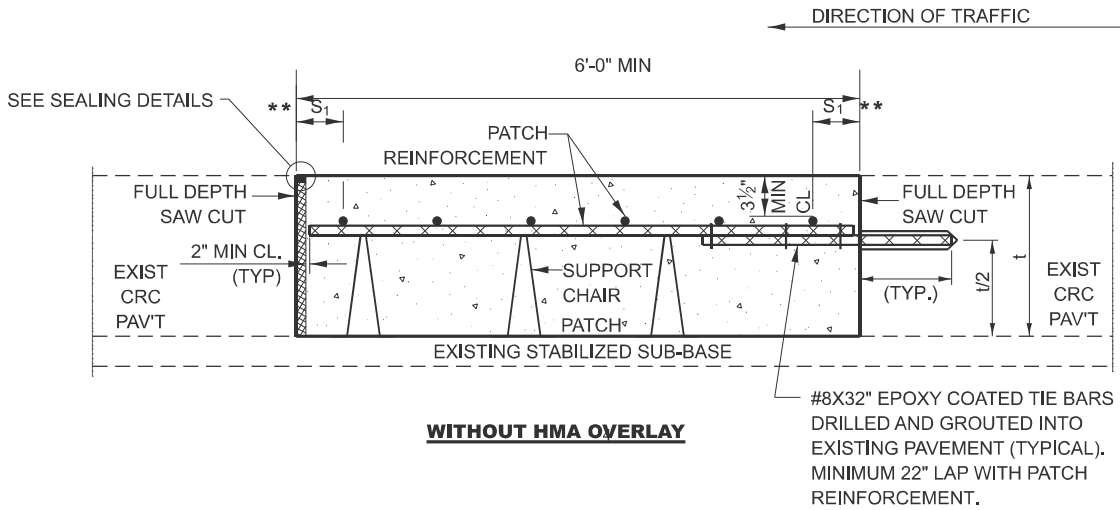
F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5HB)BJR,BDR	LASALLE	91	85
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				



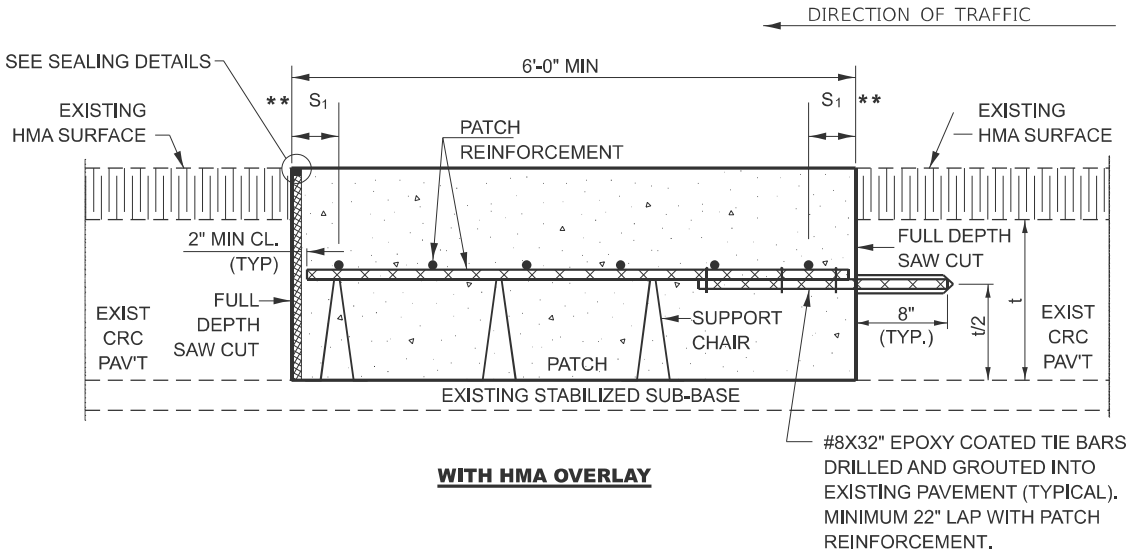
PAVEMENT REINFORCEMENT DETAIL



SEALING DETAILS



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

CLASS A PATCH WITH EXPANSION JOINT

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/28/2025	DATE -	REVISED -

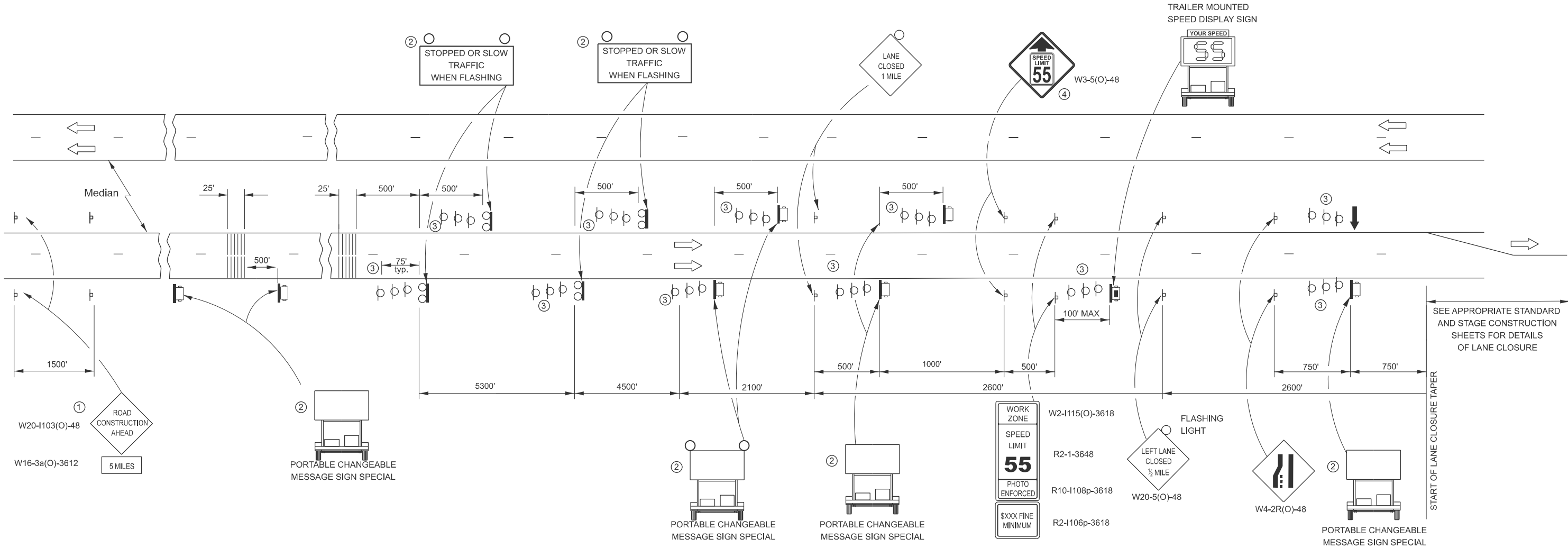
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5HB)BJR,BDR	LASALLE	91	86
CONTRACT NO. 66N36				
ILLINOIS FED. AID PROJECT				

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NOTES:

- 1 THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- 2 UNIT TO BE PAID FOR SEPARATELY. TO BE PLACED OUTSIDE OF EXISTING PAVED SHOULDER. ANY REQUIRED EARTHWORK INCLUDED IN THE COST OF THE UNIT.
- 3 THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- 4 THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.
- 5 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.
- SPEED DISPLAY TRAILER

GENERAL NOTE:

THIS STANDARD IS USED WHERE A LANE CLOSURE IS IN PLACE LONGER THAN ONE CONSECUTIVE WEEK OR INCLUDING A WEEKEND OR HOLIDAY AS DESCRIBED IN KEEPING ROADS OPEN TO TRAFFIC.

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.

THIS DETAIL APPLIES APPROACHES TO THE WORK ZONE IN BOTH DIRECTIONS.

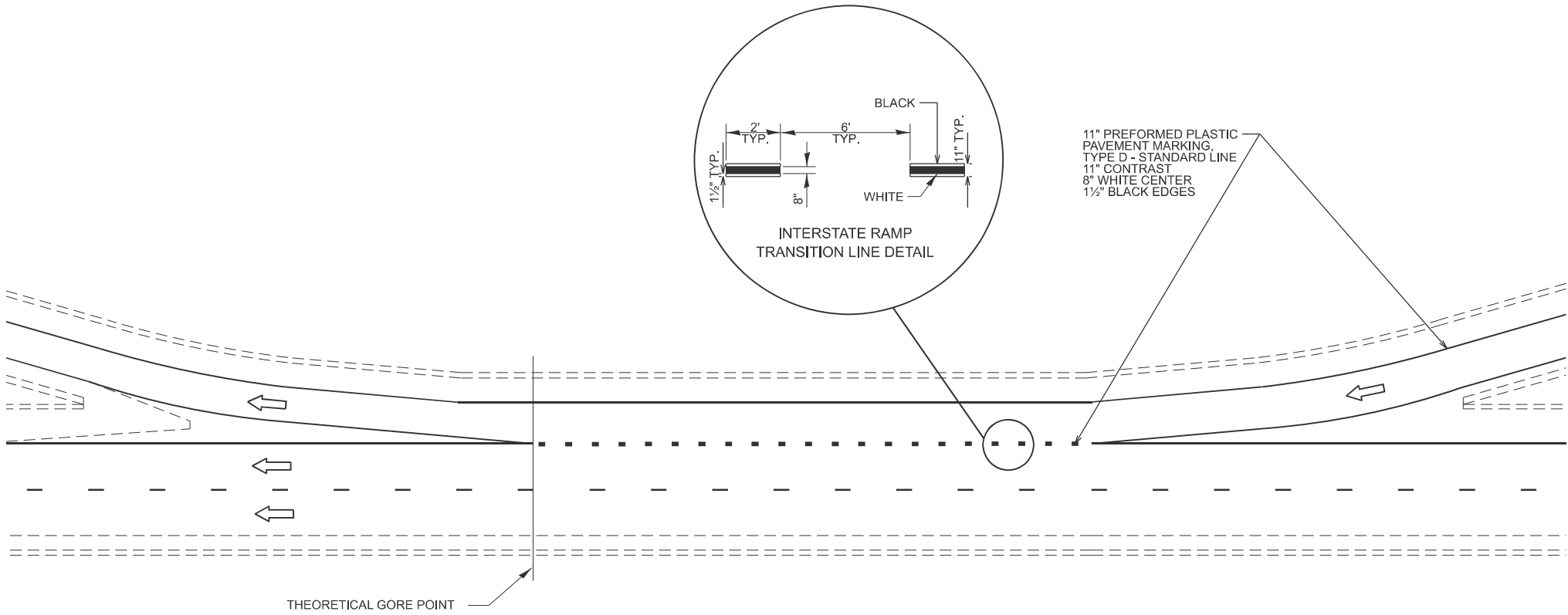
WHEN THE RIGHT LANE IS CLOSED, RIGHT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR LEFT LANE CLOSED SIGNS.

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

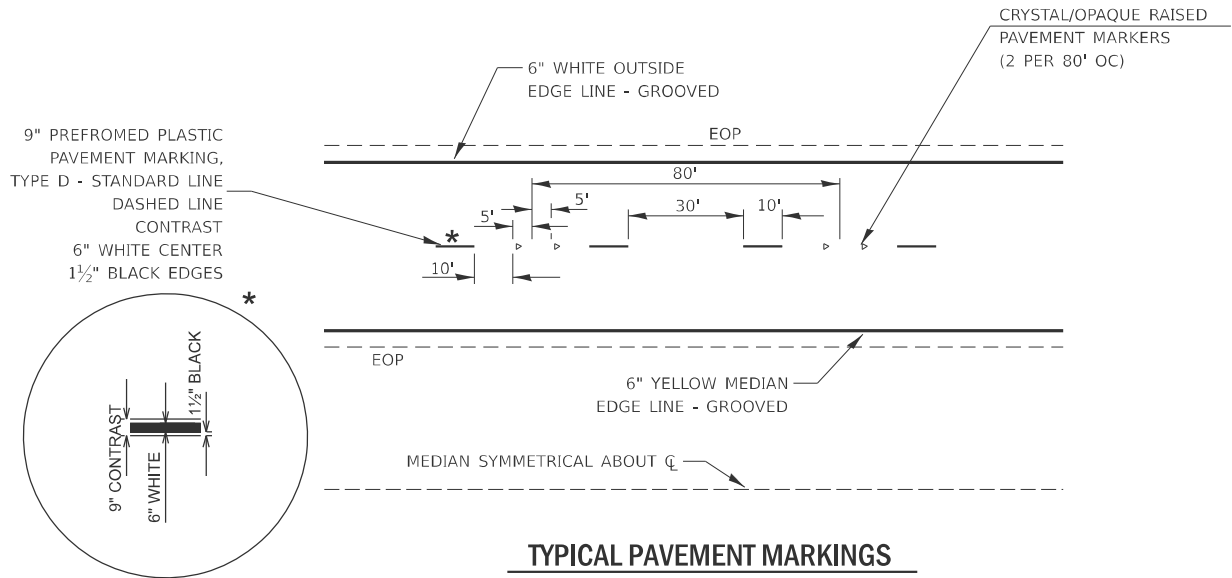
ALL ORANGE SIGN SHEETING SHALL BE FLOURESCENT ORANGE MATERIAL.

	USER NAME	= Stephenie.Carmin	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SMART WORK ZONE DETAIL				F&I RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
			DRAWN	-	REVISED	-						39	(50-5HB)BJR,BDR		LASALLE	91	87	
			CHECKED	-	REVISED	-										CONTRACT NO. 66N36		
	PLOT DATE	= 3/28/2025	DATE	-	REVISED	-						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	
ILLINOIS																	FED. AID PROJECT	

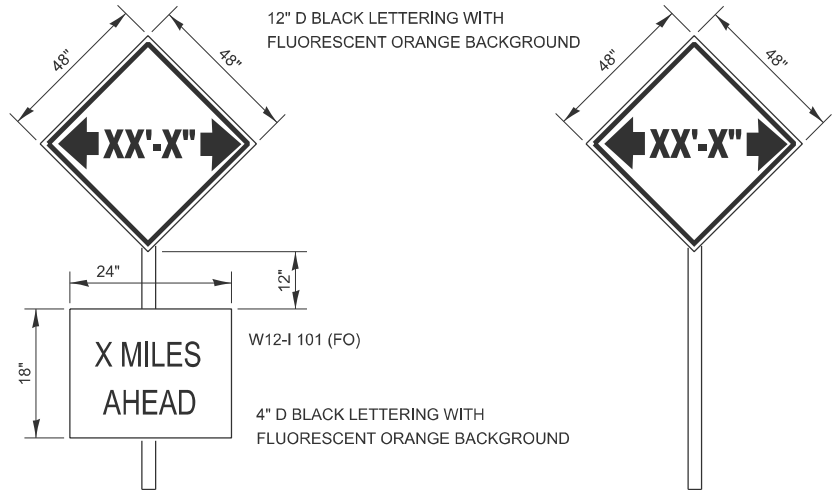
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TYPICAL CLOVERLEAF LOOP RAMP MARKINGS



TYPICAL PAVEMENT MARKINGS

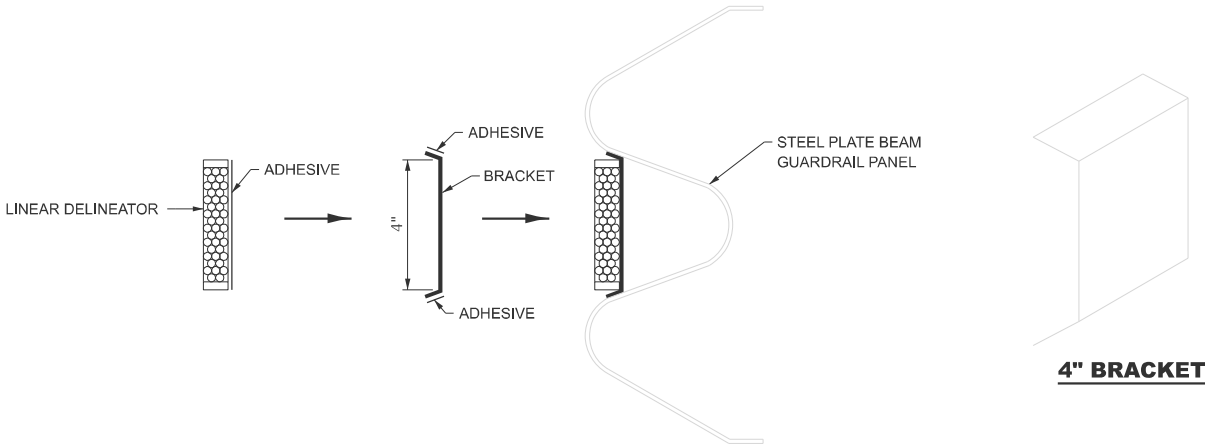


TO BE POST MOUNTED AS SHOWN ELSEWHERE IN THE PLANS.

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

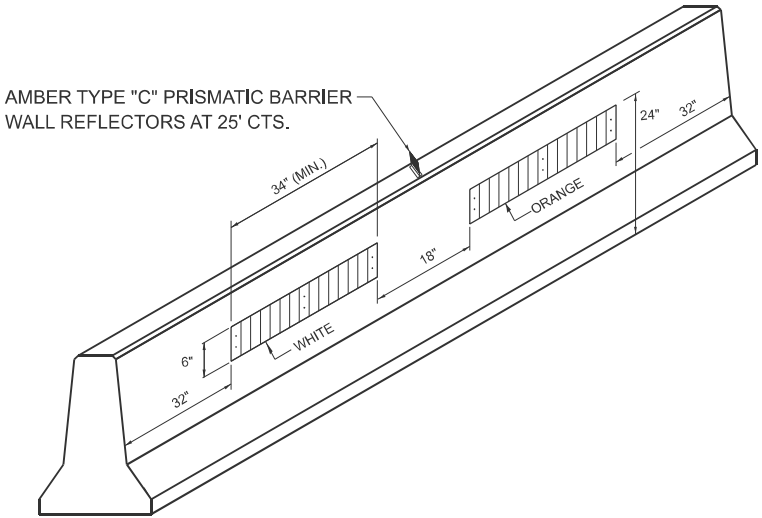
WIDTH RESTRICTION SIGNING DETAILS

	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	88
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

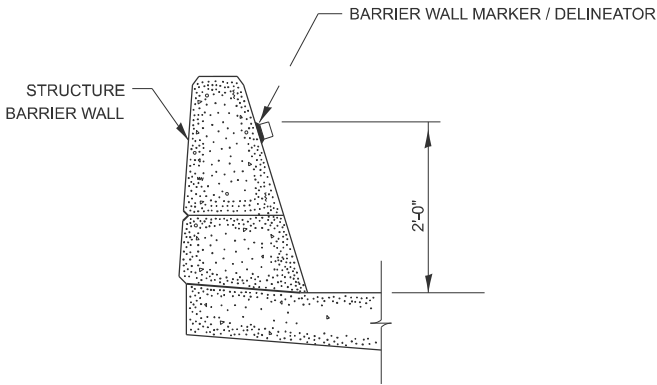


LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

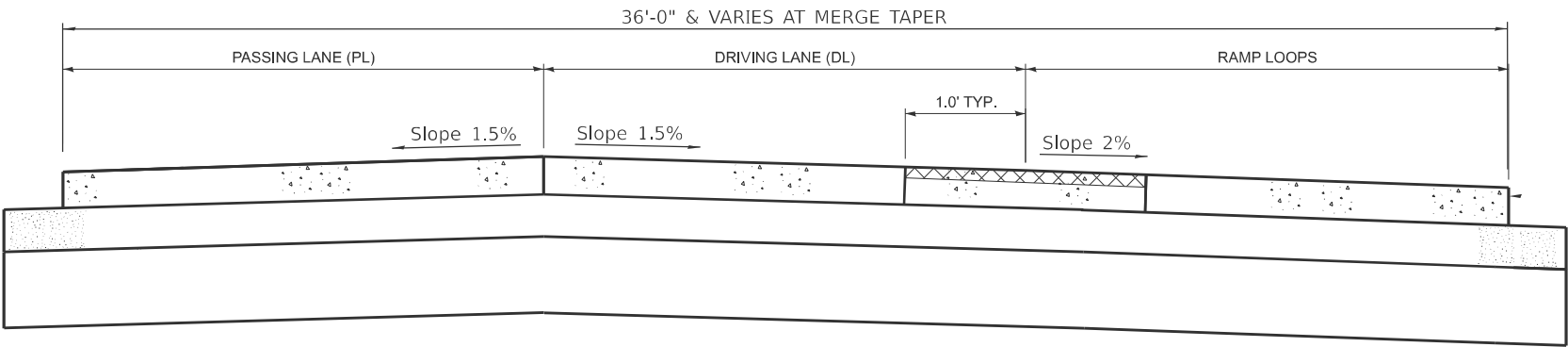
LINEATOR DELINEATOR SHALL BE APLLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS



**LINEAR DELINEATOR PANELS
FOR TEMPORARY CONCRETE BARRIER**



BARRIER WALL MARKER

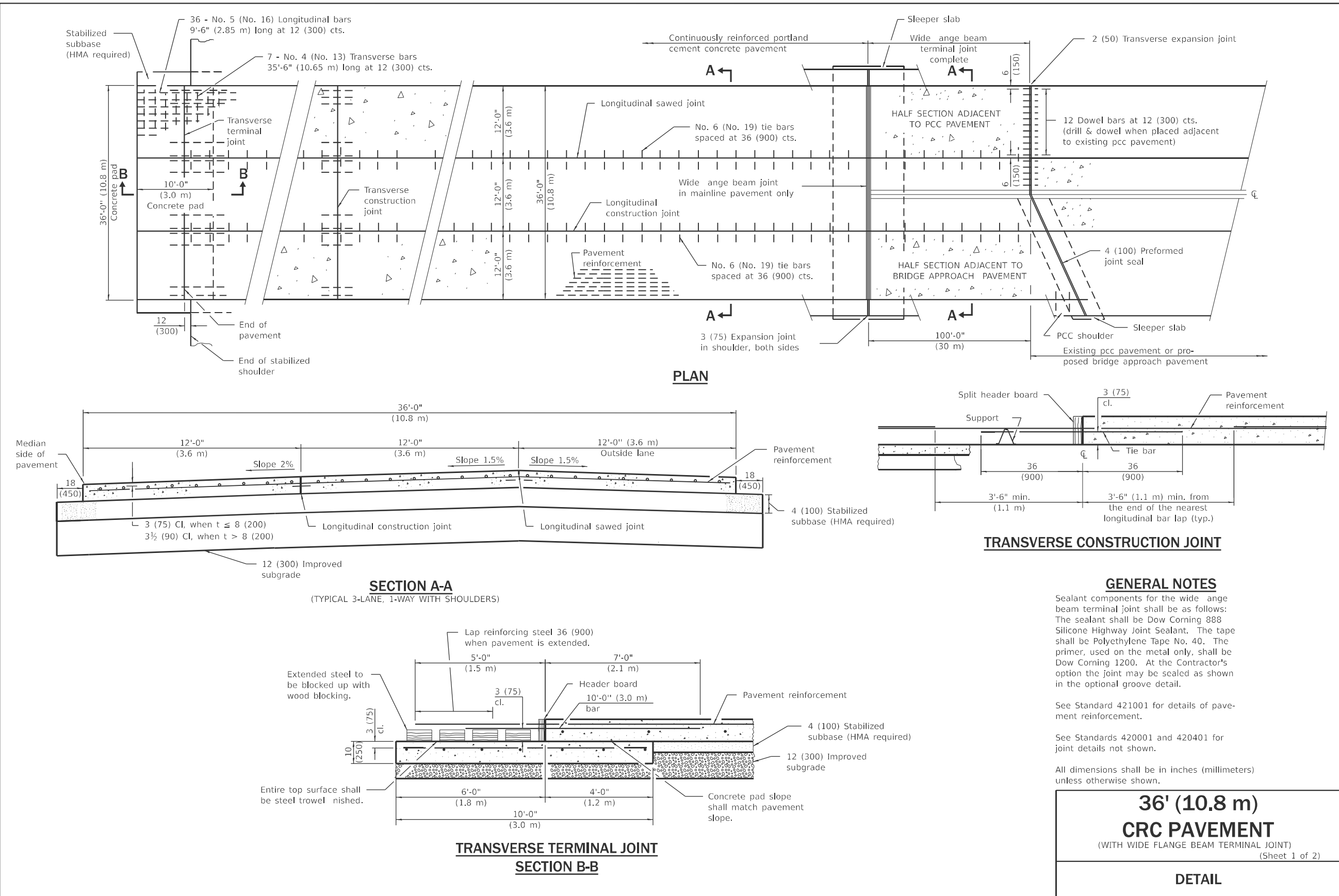


PATCHING AT INTERCHANGE
(TYPICAL 3-LANE, 1-WAY WITH SHOULDERS)
LONGITUDINAL JOINT PATCHES



MODEL: Default
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	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					39	(50-5HB)BJR,BDR	LASALLE	91	89
		CHECKED -	REVISED -					CONTRACT NO. 66N36				
	PLOT DATE = 3/28/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



GENERAL NOTES

Sealant components for the wide angle beam terminal joint shall be as follows: The sealant shall be Dow Corning 888 Silicone Highway Joint Sealant. The tape shall be Polyethylene Tape No. 40. The primer, used on the metal only, shall be Dow Corning 1200. At the Contractor's option the joint may be sealed as shown in the optional groove detail.

See Standard 421001 for details of pavement reinforcement.

See Standards 420001 and 420401 for joint details not shown.

All dimensions shall be in inches (millimeters) unless otherwise shown.

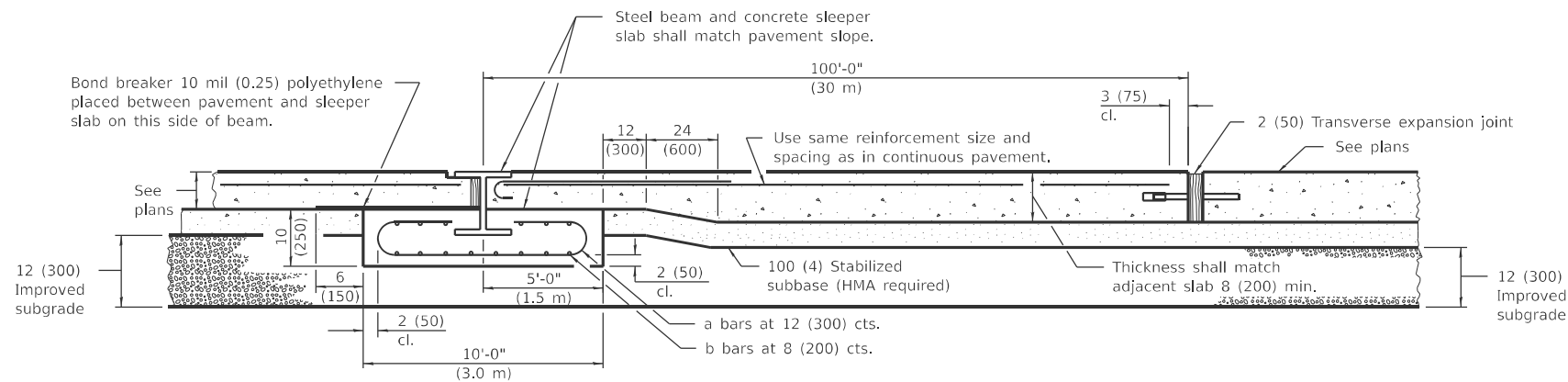
36' (10.8 m)
CRC PAVEMENT
(WITH WIDE FLANGE BEAM TERMINAL JOINT)
(Sheet 1 of 2)

DETAIL

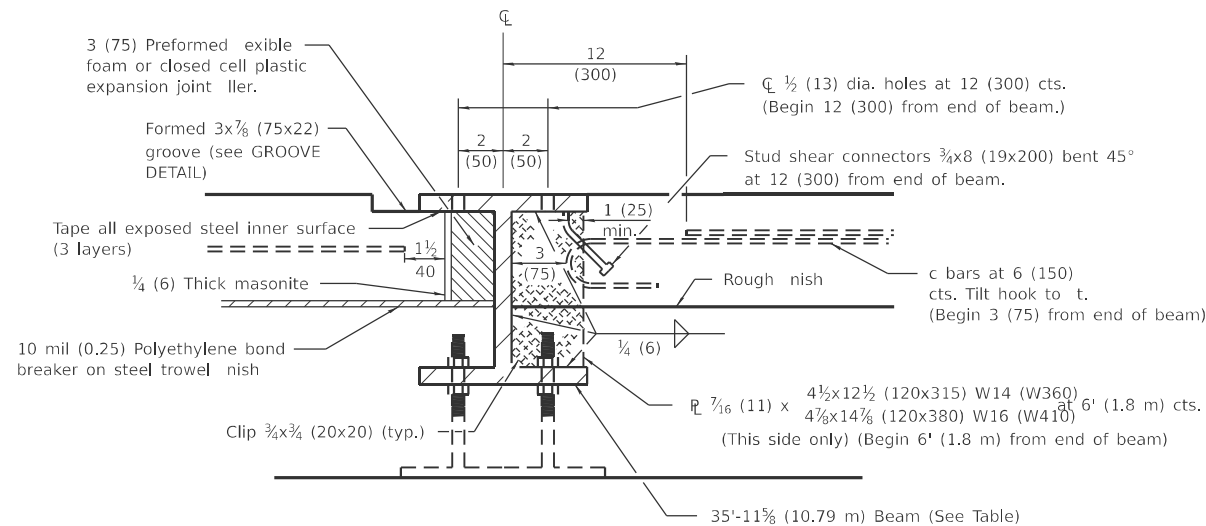
FOR INFORMATION ONLY

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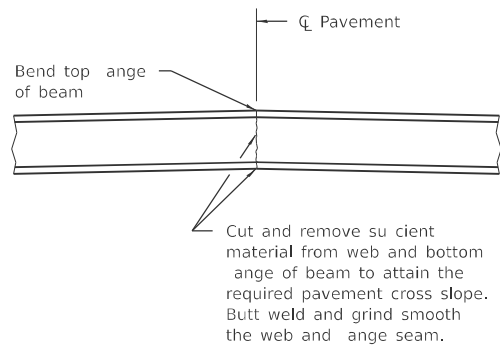
PLOT DATE = 3/28/2025	USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIDE FLANGE BEAM TERMINAL JOINT STANDARD FOR INFORMATION ONLY	SCALE:	SHEET OF SHEETS	STA. TO STA.	F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						39	(50-5HB)BJR,BDR	LASALLE	91	90
		CHECKED -	REVISED -						CONTRACT NO. 66N36				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



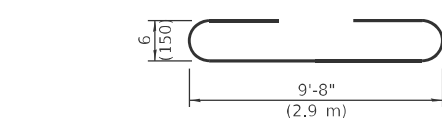
WIDE FLANGE BEAM TERMINAL JOINT



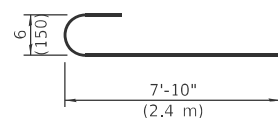
DETAIL AT BEAM



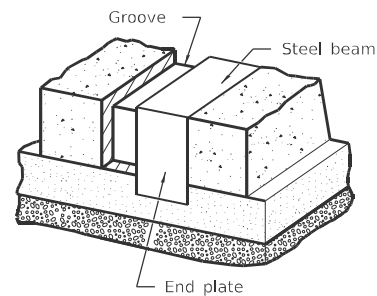
DETAIL OF CUTTING AND WELDING BEAM



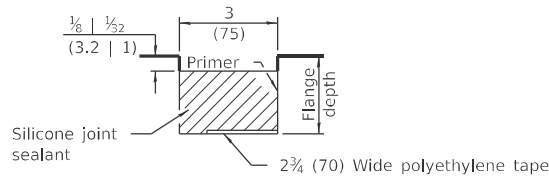
BAR a



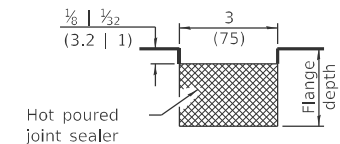
BAR c



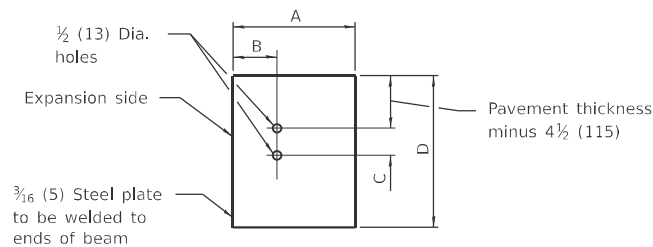
VIEW OF GROOVE AT EDGE OF PAVEMENT



GROOVE DETAIL



GROOVE DETAIL (OPTIONAL)



END PLATE

PAVEMENT THICKNESS	<10 (250)	≥10 (250)
BEAM SIZE	W14X82 (W360X122)	w16x100 (W410x149)
A	10 1/8 (255)	10 3/8 (265)
B	4 3/16 (110)	4 1/16 (115)
C	3 (75)	4 (100)
D	14 1/4 (360)	17 (430)

MATERIALS REQUIRED FOR ONE TRANSVERSE TERMINAL JOINT COMPLETE

Concrete, cu. yds. (m³)	11.1 (8.1)
Reinforcement bars, lbs. (kg)	523 (235)
Pavement reinforcement, sq. yds. (m²)	20 (16.2)

MATERIALS REQUIRED FOR ONE WIDE FLANGE BEAM TERMINAL JOINT COMPLETE

Bar	No.	Size	Length	Shape
a	36	No. 4 (No. 13)	19'-0" (5.8 m)	
b	29	No. 5 (No. 16)	35'-8" (10.7 m)	
c	72	No. 6 (No. 19)	8'-6" (2.6 m)	

Concrete, cu. yds. (m³)	11.1 (8.1)
Reinforcement Bars, lbs. (kg)	2455 (1115)
Structural Steel, lbs. (kg)	W14 (W360) 3040 (1360)
	W16 (W410) 3710 (1655)

* Weight includes beam, end plates, sti ener plates and studs.	
Pavement, sq. yds. (m²)	400 (324)
Pavement Reinforcement, sq. yds. (m²)	400 (324)
4 (100) Stabilized Subbase, sq. yds. (m²)	411.6 (333.5)
Improved Subgrade, sq. yds. (m²)	433.3 (351)

36' (10.8 m) CRC PAVEMENT

(WITH WIDE FLANGE BEAM TERMINAL JOINT)
(Sheet 2 of 2)

DETAIL

FOR INFORMATION ONLY

MODEL: Default
FILE NAME: c:\p\work\p\work\carminsa\00870230\66N36 - Details.dgn

USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/28/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDE FLANGE BEAM TERMINAL JOINT
STANDARD FOR INFORMATION ONLY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(50-5HB)BJR,BDR	LASALLE	91	91
CONTRACT NO. 66N36				
ILLINOIS FED.AID PROJECT				