

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	1
		ILLINOIS	CONTRACT NO. 66F94	

D-93-063-24

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAI 57 (I-57) AT IL 54 AT ONARGA INTERCHANGE
SECTION (38-5HB-4)BDR

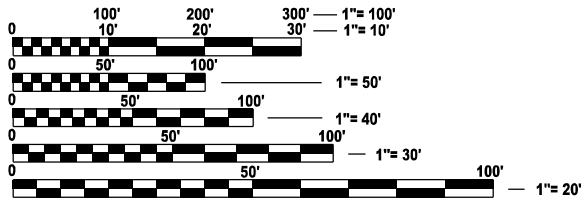
DECK REPLACEMENT
IROQUOIS COUNTY

C-93-101-24

DECK REPLACEMENT
(OVER I-57)
STA 30+00.00
S.N. 038-0048

END PROJECT
STA 36+30.00

BEGIN PROJECT
STA 23+70.00

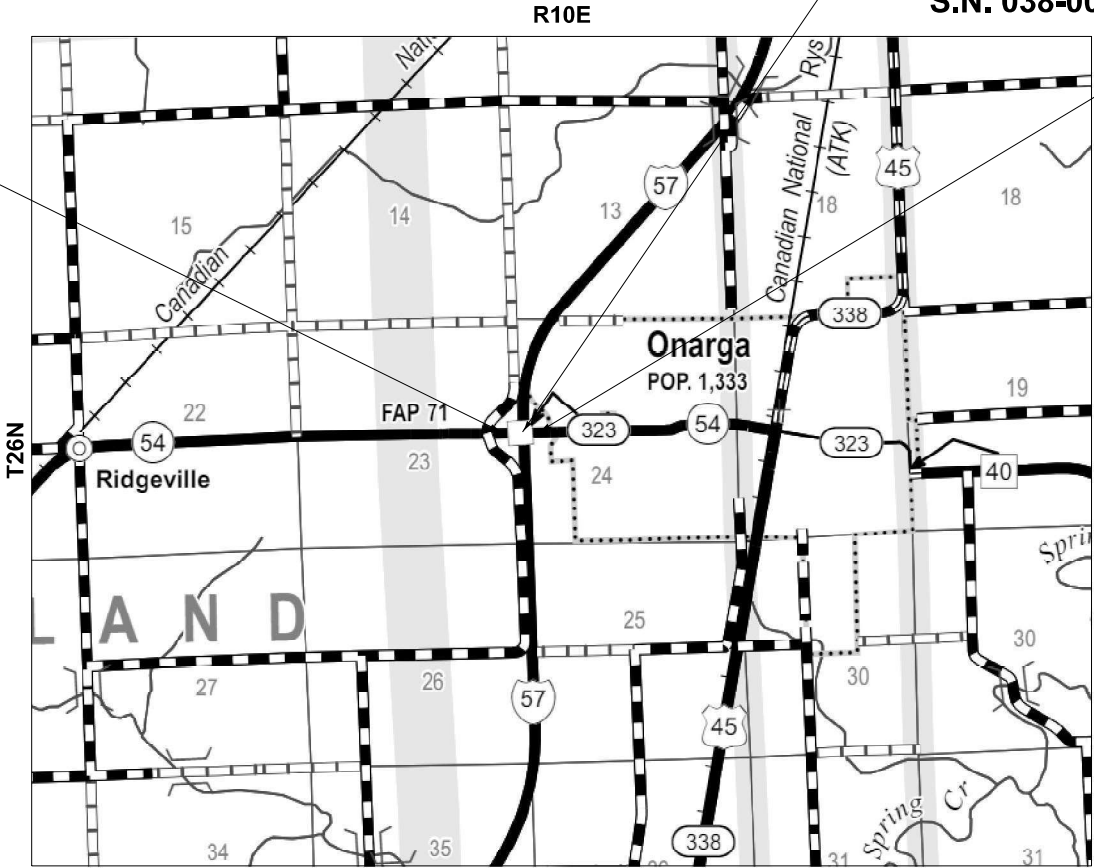


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: DAVID S. ALEXANDER, P.E.
UNIT CHIEF: STEPHENIE CARMIN
TOWNSHIP(S): ONARGA TOWNSHIP
CONTRACT NO. 66F94

LOCATION MAP
NOT TO SCALE



GROSS LENGTH = 1260.00 FT. = 0.239 MILE
NET LENGTH = 1260.00 FT. = 0.239 MILE



LOCATION OF SECTION INDICATED THUS: -

TRAFFIC DATA - IL 54
MINOR ARTERIAL (CLASS II TRUCK ROUTE) ; 2023 ADT = 1450
P.V. = 89.0% S.U. = 6.9% M.U. = 4.1%

TRAFFIC DATA - I-57
INTERSTATE (CLASS I TRUCK ROUTE) ; 2023 ADT = 17500
P.V. = 57.8% S.U. = 3.3% M.U. = 38.9%



Signed: *Maria Slick*
Date: 3/27/2025
License Expires: 11/30/2025
The seal shown above is valid
for Sheets 1-41, and 70-81.



Signed: *Andrew Underwager*
Date: 3/27/2025
License Expires: 11/30/2026
The seal shown above is valid
for Sheets 42-69.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED March 31, 2025
Tisha Thompson REGIONAL ENGINEER
May 9, 2025
Scott Etk ENGINEER OF DESIGN AND ENVIRONMENT
May 9, 2025
Andrew Underwager DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: GenNotes [Sheet]
FILE NAME: C:\2022R3\DOTCAD CONNECT\24006.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\I366F94-sht-gennote.dgn

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3-12 SUMMARY OF QUANTITIES
- 13-17 TYPICAL SECTIONS
- 18-22 SCHEDULE OF QUANTITIES
- 23 PAVEMENT ELEVATION DETAILS
- 24 ALIGNMENT, TIES, AND BENCHMARKS
- 25 REMOVAL PLAN
- 26 PLAN AND PROFILE
- 27 PROPOSED PLAN GUARDRAIL DETAILS
- 28-36 STAGING PLAN
- 37 STAGING PLAN - SUBSTAGE 3A DETOUR
- 38 EROSION AND SEDIMENT CONTROL PLAN
- 39 PAVEMENT MARKING AND SIGNING PLAN
- 40 SIGNING DETAILS
- 41 LANDSCAPING PLAN
- 42-69 STRUCTURE PLANS [SN 038-0048]
- 70-74 DISTRICT 3 DETAILS
- 75-81 CROSS SECTIONS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-10 PAVEMENT JOINTS
- 420401-13 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 515001-04 NAME PLATE FOR BRIDGES
- 601001-05 PIPE UNDERDRAINS
- 601101-02 CONCRETE HEADWALL FOR PIPE UNDERDRAINS
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 630001-13 STEEL PLATE BEAM GUARDRAIL
- 630201-07 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-18 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-02 DELINEATORS
- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-05 OFF ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701321-19 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
- 701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701901-10 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 725001-01 OBJECT AND TERMINAL MARKERS
- 728001-01 TELESOPING STEEL SIGN SUPPORT
- 731001-01 BASE FOR TELESOPING STEEL SIGN
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001-01 CURB REFLECTORS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- 1. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 2. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- 3. ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 4. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
- 5. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.
- 6. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONALL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPlicing OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
- 7. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: ATT DISTRIBUTION, METRO COMMUNICATION, VILLAGE OF ONARGA.
- 8. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS

NONE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

HMA MIXTURE REQUIREMENT TABLE

HMA MIXTURE REQUIREMENT TABLE											
LOCATIONS:	PAVEMENT RESURFACING		SHOULDER RESURFACING		HMA SHOULDERS		HMA MEDIAN	TEMPORARY RAMP SPECIAL	TEMPORARY PAVEMENT		
MIXTURE USE(S):	HMA SURFACE COURSE	HMA BINDER LIFT(S)	HMA SURFACE COURSE	HMA BINDER LIFT(S)	HMA SURFACE COURSE	HMA BINDER LIFT(S)	HMA SURFACE COURSE	HMA BINDER LIFT(S)	HMA SURFACE COURSE	HMA BINDER LIFT(S)	
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5	IL-19.0	IL-9.5	IL-19.0	IL-9.5	IL-19.0	IL-9.5	IL-9.5	IL-9.5	IL-19.0	
FRICTION AGGREGATE:	MIXTURE C	N/A	MIXTURE C	N/A	MIXTURE C	N/A	MIXTURE C	N/A	MIXTURE C	N/A	
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DENSITY TEST METHOD:	CORES/ NUCLEAR	CORES/ NUCLEAR	CORES/ NUCLEAR	CORES/ NUCLEAR	CORES/ NUCLEAR	CORES/ NUCLEAR	CORES/ NUCLEAR	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER	
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	



USER NAME = J.Berggren	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
INDEX, STANDARDS, GENERAL NOTES, & COMMITMENTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	2
		CONTRACT NO. 66F94		
		ILLINOIS	FED. AID PROJECT	

MODEL: SQQ [Sheet]
FILE NAME: Q:\2022R3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-81t-SQQ.dgn



USER NAME = skierpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES	
SCALE:	SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	3
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

+ DENOTES SPECIALTY ITEM

				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE
				0013
				S.N. 038-0048
20200100	EARTH EXCAVATION	CU YD	530	530
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	30	30
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	115	115
25000300	SEEDING, CLASS 3	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	14	14
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	14	14
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	14	14
25100630	EROSION CONTROL BLANKET	SQ YD	644	644
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	60	60
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	44	44
28000305	TEMPORARY DITCH CHECKS	FOOT	27	27
28000400	PERIMETER EROSION BARRIER	FOOT	2540	2540
28100105	STONE RIPRAP, CLASS A3	SQ YD	244	244
28200200	FILTER FABRIC	SQ YD	244	244

MODEL: SQQ-1 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-4ht-SQQ.dgn



USER NAME	= skierpiec
PLOT DATE	= 3/25/2025

DESIGNED	-	SK
DRAWN	-	SK
CHECKED	-	JH
DATE	-	3/27/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 2	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	4
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				BRIDGE
				0013 S.N. 038-0048
35100100	AGGREGATE BASE COURSE, TYPE A	TON	1054	1054
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3382	3382
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1209	1209
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	297	297
40600990	TEMPORARY RAMP	SQ YD	328	328
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	334	334
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	504	504
42000060	WELDED WIRE REINFORCEMENT	SQ YD	98	98
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	130	130
44000100	PAVEMENT REMOVAL	SQ YD	91	91
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1857	1857
44003100	MEDIAN REMOVAL	SQ FT	6760	6760
44004250	PAVED SHOULDER REMOVAL	SQ YD	32	32
48203100	HOT-MIX ASPHALT SHOULDERS	TON	102	102

+ DENOTES SPECIALTY ITEM

MODEL: SQQ-2 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-sh1-SQQ.dgn



USER NAME	= skierpiec
PLOT DATE	= 3/25/2025

DESIGNED	-	SK
DRAWN	-	SK
CHECKED	-	JH
DATE	-	3/27/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 3	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	5
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

+ DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				BRIDGE
				0013 S.N. 038-0048
50102400	CONCRETE REMOVAL	CU YD	25	25
50104650	SLOPE WALL REMOVAL	SQ YD	665	665
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1	1
50157300	PROTECTIVE SHIELD	SQ YD	525	525
50200100	STRUCTURE EXCAVATION	CU YD	139	139
50300100	FLOOR DRAINS	EACH	8	8
50300225	CONCRETE STRUCTURES	CU YD	47	47
50300255	CONCRETE SUPERSTRUCTURE	CU YD	491.4	491.4
50300260	BRIDGE DECK GROOVING	SQ YD	1059	1059
50300300	PROTECTIVE COAT	SQ YD	1970	1970
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	176.8	176.8
50500505	STUD SHEAR CONNECTORS	EACH	5910	5910
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	170030	170030
50800515	BAR SPLICERS	EACH	980	980

MODEL: SQQ-3 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-4ht-SQQ.dgn



USER NAME = skierpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 4	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	6
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

+ DENOTES SPECIALTY ITEM

				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE
				0013
				S.N. 038-0048
51100100	SLOPE WALL 4 INCH	SQ YD	665	665
51500100	NAME PLATES	EACH	2	2
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	85	85
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	138.5	138.5
59000200	EPOXY CRACK INJECTION	FOOT	192	192
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	66.0	66.0
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	125	125
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	1741	1741
+ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	500.0	500.0
+ 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
+ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	890	890
63500105	DELINEATORS	EACH	4	4

MODEL: SQ04 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-sh-SQ0.dgn



USER NAME = skierpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 5	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	7
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE
				0013
				S.N. 038-0048
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2
+ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	924	924
+ 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5
+ 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
+ 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
+ 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12
67100100	MOBILIZATION	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	77	77
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	168	168
70300100	SHORT TERM PAVEMENT MARKING	FOOT	918	918
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5868	5868

+ DENOTES SPECIALTY ITEM

MODEL: SQQ-5 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-4ht-SQQ.dgn



USER NAME = skierpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 6	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	8
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

+ DENOTES SPECIALTY ITEM

				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE
				0013
				S.N. 038-0048
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	61	61
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	14058	14058
70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	1011	1011
70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	91	91
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	26	26
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2825.0	2825.0
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	105	105
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1675.0	1675.0
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	8	8
+ 72000100	SIGN PANEL - TYPE 1	SQ FT	148	148
+ 72000300	SIGN PANEL - TYPE 3	SQ FT	231	231
+ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
+ 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5

MODEL: SQ06 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-91t-SQ06.dgn



USER NAME = skierpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 7	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	9
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

+ DENOTES SPECIALTY ITEM

				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE
				0013
				S.N. 038-0048
+ 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	26	26
+ 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	121	121
+ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
+ 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1934	1934
+ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	82	82
73000100	WOOD SIGN SUPPORT	FOOT	112	112
+ 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	6	6
73400100	CONCRETE FOUNDATIONS	CU YD	5	5
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	4	4
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	4	4
+ 78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS	SQ FT	117	117
+ 78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	FOOT	623	623
+ 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	92	92
+ 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	10661	10661

MODEL: SQQ-7 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-81t-SQQ.dgn



USER NAME = skierpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 8	OF 10 SHEETS	STA. TO STA.

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	10
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE
				0013
				S.N. 038-0048
+ 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	117	117
+ 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	5331	5331
+ 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	623	623
+ 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	92	92
+ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	14	14
+ 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16	16
+ 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	16	16
* 78200020	CURB REFLECTORS	EACH	125	125
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	14	14
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2005	2005
X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	995	995
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	735	735
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5997	5997
X5080530	BAR TERMINATORS	EACH	348	348

+ DENOTES SPECIALTY ITEM

MODEL: SQQ-8 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD\CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL 54 over I-57\CADD Data\Sheets\0366F94-81t-SQQ.dgn



USER NAME = skierpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 SUMMARY OF QUANTITIES			
SCALE:	SHEET 9	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	11
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

+ DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				BRIDGE
				0013 S.N. 038-0048
X6065704	CONCRETE MEDIAN REPAIR	SQ FT	161	161
X6065706	MEDIAN SURFACE REMOVAL AND REPLACEMENT	SQ FT	5911	5911
X6066016	HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH	SQ FT	5522	5522
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	8	8
X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	8	8
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42	42
Z0004552	APPROACH SLAB REMOVAL	SQ YD	261	261
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
Z0012500	CONCRETE CURB REPAIR	FOOT	1063	1063
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	45	45
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0062456	TEMPORARY PAVEMENT	SQ YD	890	890

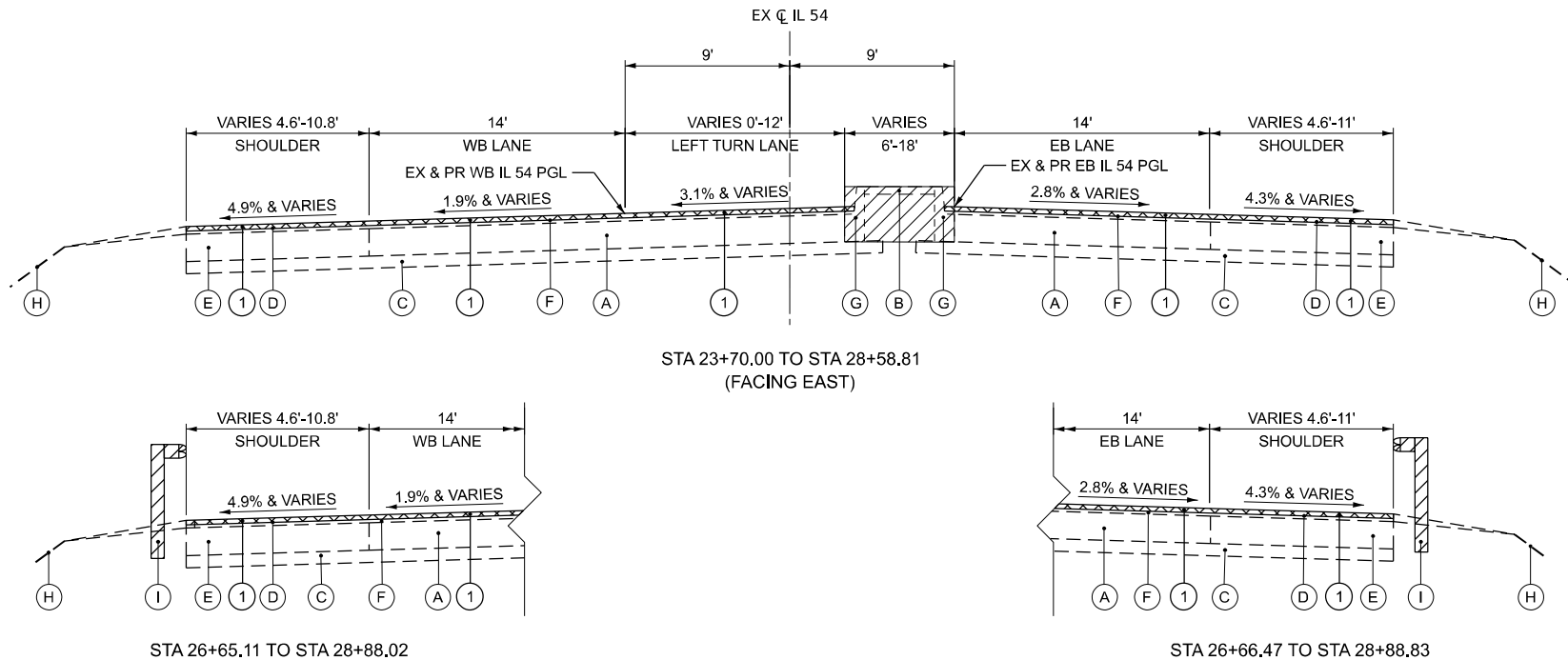
MODEL: SOQ-9 [Sheet]
FILE NAME: C:\2022R3\IDOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD DataSheets\ID366F94-shr-SOQ.dgn

[illegible]

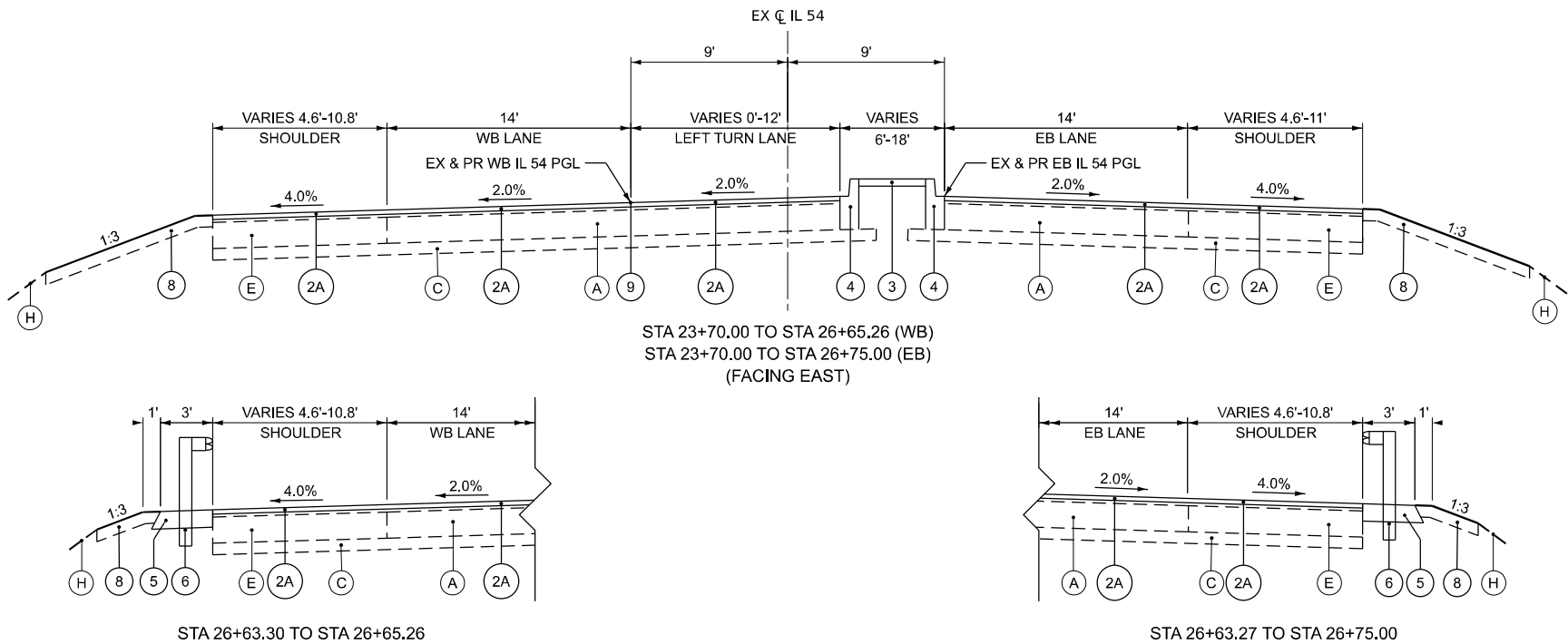
Ø 0042

+ DENOTES SPECIALTY ITEM

EFK♦Moen Civil Engineering Design	USER NAME = sklerpiec	DESIGNED - SK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 54 OVER I-57 SUMMARY OF QUANTITIES					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SK	REVISED -							57	(38-5HB-4)BDR	IROQUOIS	81	12
		CHECKED - JH	REVISED -		CONTRACT NO. 66F94									
	PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -											
					SCALE:	SHEET 10	OF 10	SHEETS	STA.	TO STA.				



EXISTING IL 54 TYPICAL SECTION



PROPOSED IL 54 TYPICAL SECTION

EXISTING LEGEND

- | | | |
|-------------------------------|--|------------------------|
| (A) EX PCC PAVEMENT, 9" | (F) EX HMA OVERLAY, APPROX 2½" | ▨ DENOTES REMOVAL ITEM |
| (B) EX MEDIAN SURFACE | (G) EX CONCRETE CURB AND GUTTER, TYPE B-9.06 | |
| (C) EX STABILIZED SUBBASE, 4" | (H) EX GROUND/EX TOPSOIL | |
| (D) EX HMA SHOULDERS, 2½" | (I) EX GUARDRAIL | |
| (E) EX HMA SHOULDERS, 9" | ▩ HMA/PCC SURFACE REMOVAL | |

PROPOSED LEGEND

- | | |
|---|---|
| (1) PR HMA SURFACE REMOVAL, VARIABLE DEPTH, VARIES 1½"-2½" (SEE NOTE 3) | (5) PR HMA SHOULDERS, 6" (SEE NOTE 1) |
| (2A) PR HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1½" (SEE NOTE 3) | (6) PR STEEL PLATE BEAM GUARDRAIL (SEE PROPOSED PLAN GUARDRAIL DETAILS) |
| (2B) PR HMA BINDER COURSE, IL-19.0, N50, VARIES 0" OR 2¼"-4" (SEE NOTE 3) | (7) NOT USED |
| (3) PR HMA MEDIAN SURFACE, 4" | (8) PR TOPSOIL & SEEDING (SEE LANDSCAPING PLAN) |
| (4) PR CONCRETE CURB AND GUTTER, TYPE B-6.06 | (9) PR LONGITUDINAL JOINT SEALANT (SEE NOTE 2) |

NOTES

- HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL IN ACCORDANCE WITH STANDARD 630201.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT.
- SEE SHEET 22 FOR PAVEMENT ELEVATION DETAILS.

EFK•Moen
Civil Engineering Design

USER NAME	= sklerplec	DESIGNED -	SK	REVISED -	
		DRAWN -	SK	REVISED -	
		CHECKED -	JH	REVISED -	
PLOT DATE	= 3/20/2025	DATE	= 3/27/2025	REVISED -	

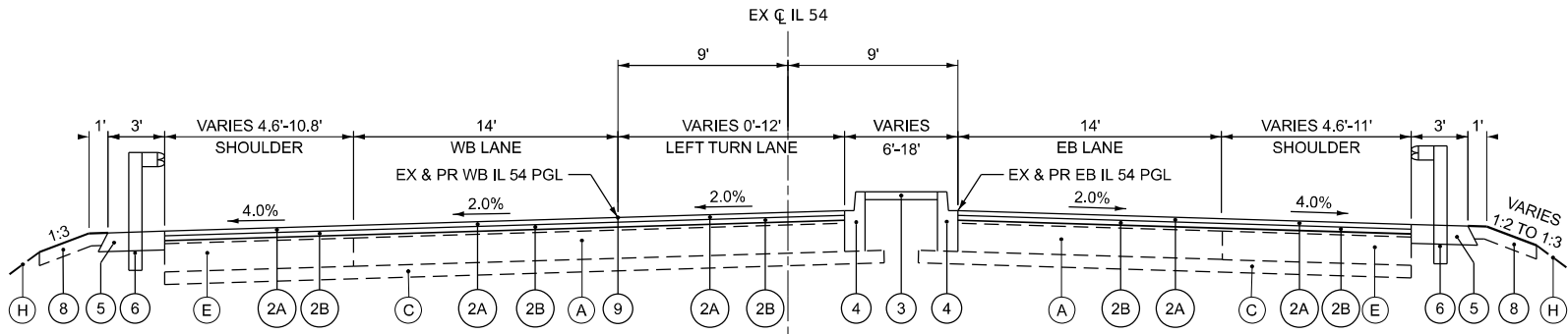
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
TYPICAL SECTIONS

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	13
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

MODEL: Typical (Sheet)
FILE NAME: C:\2022\23\DOT\CADD CONNECT\2406.02.IDOT D3 PTB 208-020.WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sh-typical.dgn



PROPOSED IL 54 TYPICAL SECTION

STA 26+65.26 TO STA 28+60.00 (WB)
STA 26+75.00 TO STA 28+60.00 (EB)
(FACING EAST)

*PAVED SHOULDERS TRANSITION AT THE BRIDGE APPROACHES
WESTBOUND DIRECTION: STA 28+34.43 @ -4.0% TO STA 28+59.43 @ -2.0% (25' TRANSITION)
EASTBOUND DIRECTION: STA 28+35.48 @ -4.0% TO STA 28+60.48 @ -2.0% (25' TRANSITION)

BRIDGE OMISSION

STA 28+60.00 TO STA 31+40.00
SN 038-0048
(SEE STRUCTURE PLANS)

EXISTING LEGEND

- (A) EX PCC PAVEMENT, 9"

(B) EX MEDIAN SURFACE

(C) EX STABILIZED SUBBASE, 4"

(D) EX HMA SHOULDERS, 2½"

(E) EX HMA SHOULDERS, 9"

(F) EX HMA OVERLAY, APPROX 2½"

(G) EX CONCRETE CURB AND GUTTER, TYPE B-9.06

(H) EX GROUND/EX TOPSOIL

(I) EX GUARDRAIL

HMA/PCC SURFACE REMOVAL

DENOTES REMOVAL ITEM

PROPOSED LEGEND

- (1) PR HMA SURFACE REMOVAL, VARIABLE DEPTH, VARIES 1½"-2½" (SEE NOTE 3)
PR PCC SURFACE REMOVAL, VARIABLE DEPTH, VARIES 0"-1" (SEE NOTE 3)

(2A) PR HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1½" (SEE NOTE 3)

(2B) PR HMA BINDER COURSE, IL-19.0, N50, VARIES 0" OR 2¼"-4" (SEE NOTE 3)

(3) PR HMA MEDIAN SURFACE, 4"

(4) PR CONCRETE CURB AND GUTTER, TYPE B-6.06

(5) PR HMA SHOULDERS, 6" (SEE NOTE 1)

(6) PR STEEL PLATE BEAM GUARDRAIL (SEE PROPOSED PLAN GUARDRAIL DETAILS)

(7) NOT USED

(8) PR TOPSOIL & SEEDING (SEE LANDSCAPING PLAN)

(9) PR LONGITUDINAL JOINT SEALANT (SEE NOTE 2)

NOTES

1. HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL IN ACCORDANCE WITH STANDARD 630201.

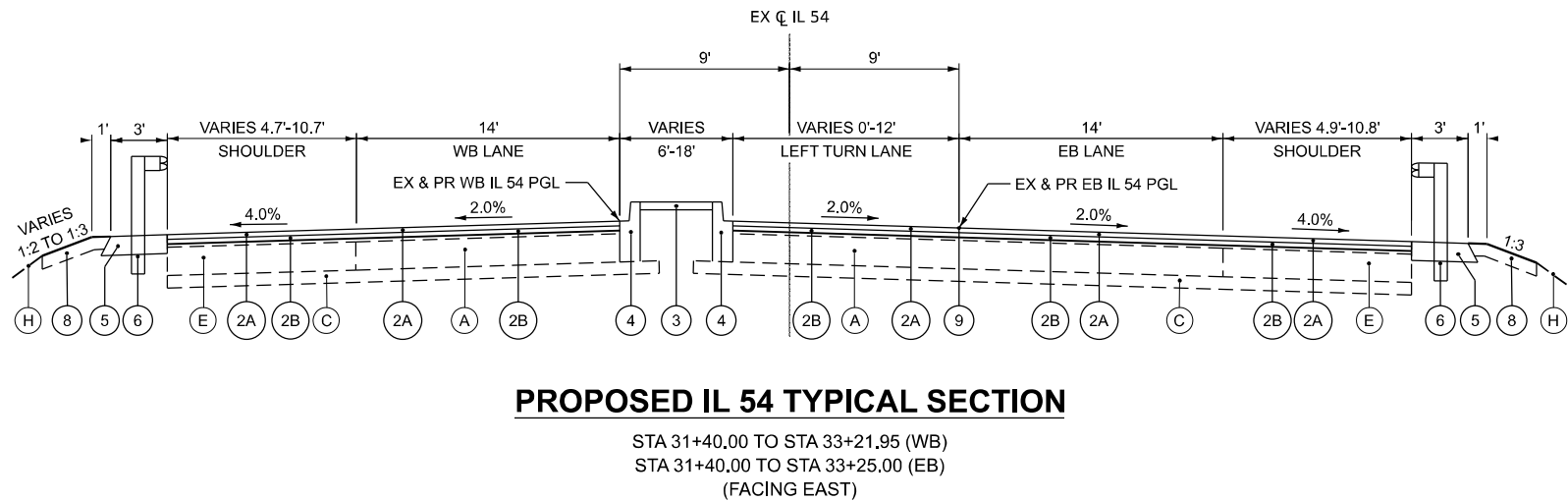
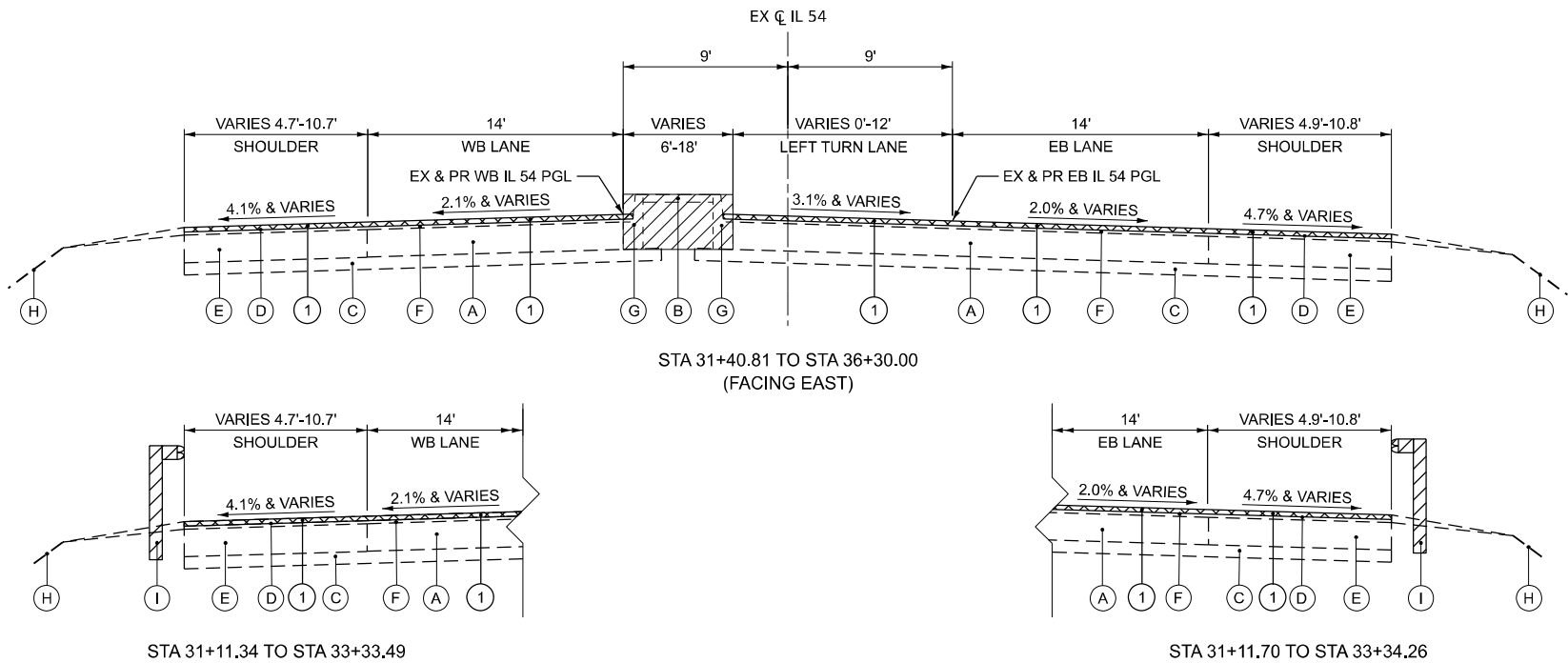
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT.

3. SEE SHEET 22 FOR PAVEMENT ELEVATION DETAILS.

USER NAME	= skierplec	DESIGNED -	SK	REVISED -	
		DRAWN -	SK	REVISED -	
		CHECKED -	JH	REVISED -	
PLOT DATE	= 3/25/2025	DATE -	3/27/2025	REVISED -	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	14
			CONTRACT NO. 66F94	
		ILLINOIS	FED. AID PROJECT	

MODEL: Typical-2 (Sheet)
FILE NAME: C:\2022R3\DOT\CADD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-sht-typical.dgn



*PAVED SHOULDERS TRANSITION AT THE BRIDGE APPROACHES
WESTBOUND DIRECTION: STA 31+39.52 @ -4.0% TO STA 31+64.52 @ -2.0% (25' TRANSITION)
EASTBOUND DIRECTION: STA 31+40.57 @ -4.0% TO STA 31+65.57 @ -2.0% (25' TRANSITION)

EXISTING LEGEND

(A)	EX PCC PAVEMENT, 9"	(F)	EX HMA OVERLAY, APPROX 2½"		DENOTES REMOVAL ITEM
(B)	EX MEDIAN SURFACE	(G)	EX CONCRETE CURB AND GUTTER, TYPE B-9.06		
(C)	EX STABILIZED SUBBASE, 4"	(H)	EX GROUND/EX TOPSOIL		
(D)	EX HMA SHOULDERS, 2½"	(I)	EX GUARDRAIL		
(E)	EX HMA SHOULDERS, 9"		HMA/PCC SURFACE REMOVAL		

PROPOSED LEGEND

(1)	PR HMA SURFACE REMOVAL, VARIABLE DEPTH, VARIES 1½"-2½" (SEE NOTE 3) PR PCC SURFACE REMOVAL, VARIABLE DEPTH, VARIES 0"-1" (SEE NOTE 3)	(5)	PR HMA SHOULDERS, 6" (SEE NOTE 1)
(2A)	PR HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1½" (SEE NOTE 3)	(6)	PR STEEL PLATE BEAM GUARDRAIL (SEE PROPOSED PLAN GUARDRAIL DETAILS)
(2B)	PR HMA BINDER COURSE, IL-19.0, N50, VARIES 0" OR 2¼"-4" (SEE NOTE 3)	(7)	NOT USED
(3)	PR HMA MEDIAN SURFACE, 4"	(8)	PR TOPSOIL & SEEDING (SEE LANDSCAPING PLAN)
(4)	PR CONCRETE CURB AND GUTTER, TYPE B-6.06	(9)	PR LONGITUDINAL JOINT SEALANT (SEE NOTE 2)

NOTES

- HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL IN ACCORDANCE WITH STANDARD 630201.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT.
- SEE SHEET 22 FOR PAVEMENT ELEVATION DETAILS.

EFK•Moen
Civil Engineering Design

USER NAME	= sklerplec	DESIGNED	- SK	REVISED	-
		DRAWN	- SK	REVISED	-
		CHECKED	- JH	REVISED	-
PLOT DATE	= 3/25/2025	DATE	- 3/27/2025	REVISED	-

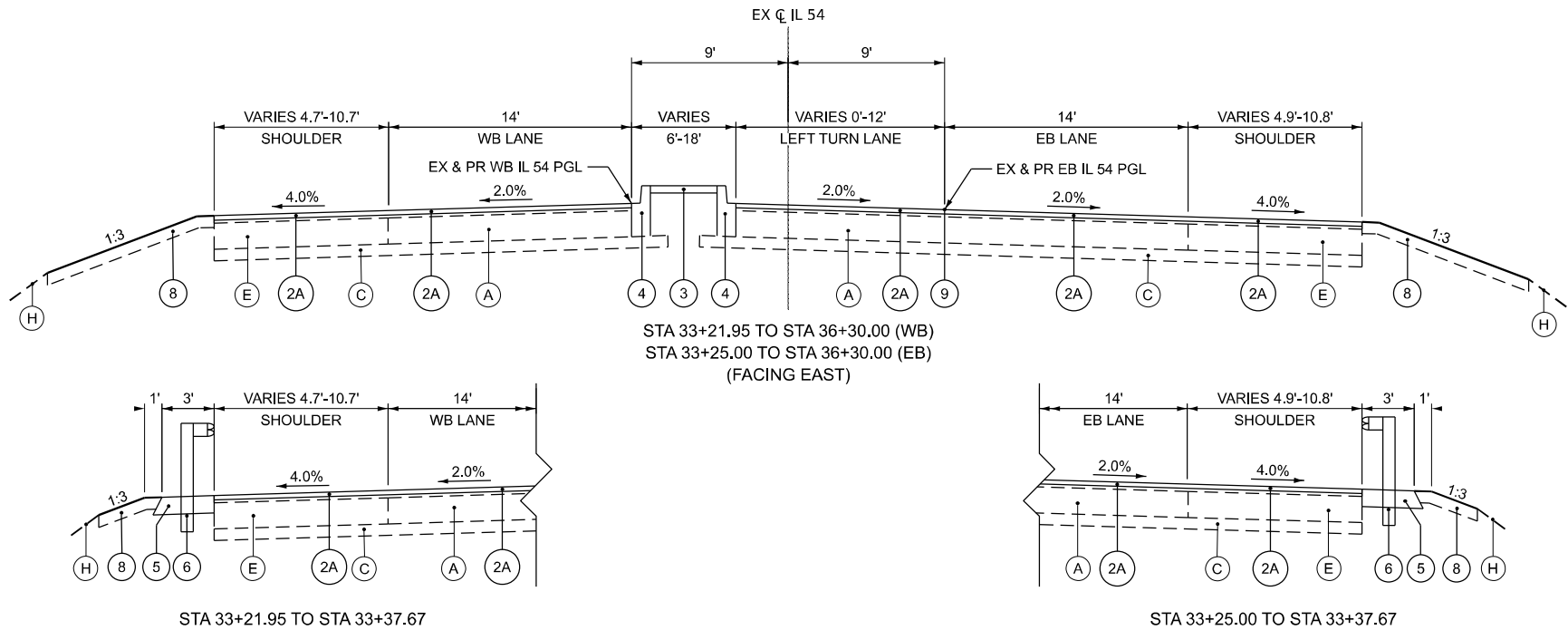
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
TYPICAL SECTIONS

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	15
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

MODEL: Typical-3 [Sheet]
FILE NAME: C:\2022R3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sht-typical.dgn



PROPOSED IL 54 TYPICAL SECTION

EXISTING LEGEND

- | | | |
|-------------------------------|--|------------------------|
| (A) EX PCC PAVEMENT, 9" | (F) EX HMA OVERLAY, APPROX 2½" | ▨ DENOTES REMOVAL ITEM |
| (B) EX MEDIAN SURFACE | (G) EX CONCRETE CURB AND GUTTER, TYPE B-9.06 | |
| (C) EX STABILIZED SUBBASE, 4" | (H) EX GROUND/EX TOPSOIL | |
| (D) EX HMA SHOULDERS, 2½" | (I) EX GUARDRAIL | |
| (E) EX HMA SHOULDERS, 9" | ▩ HMA/PCC SURFACE REMOVAL | |

PROPOSED LEGEND

- | | |
|--|---|
| (1) PR HMA SURFACE REMOVAL, VARIABLE DEPTH, VARIES 1½"-2½" (SEE NOTE 3)
PR PCC SURFACE REMOVAL, VARIABLE DEPTH, VARIES 0"-1" (SEE NOTE 3) | (5) PR HMA SHOULDERS, 6" (SEE NOTE 1) |
| (2A) PR HMA SURFACE COURSE, IL-9.5, MIX "C", N50, 1½" (SEE NOTE 3) | (6) PR STEEL PLATE BEAM GUARDRAIL (SEE PROPOSED PLAN GUARDRAIL DETAILS) |
| (2B) PR HMA BINDER COURSE, IL-19.0, N50, VARIES 0" OR 2¼"-4" (SEE NOTE 3) | (7) NOT USED |
| (3) PR HMA MEDIAN SURFACE, 4" | (8) PR TOPSOIL & SEEDING (SEE LANDSCAPING PLAN) |
| (4) PR CONCRETE CURB AND GUTTER, TYPE B-6.06 | (9) PR LONGITUDINAL JOINT SEALANT (SEE NOTE 2) |

NOTES

- HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL IN ACCORDANCE WITH STANDARD 630201.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT.
- SEE SHEET 22 FOR PAVEMENT ELEVATION DETAILS.

EFK•Moen
Civil Engineering Design

USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
TYPICAL SECTIONS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	16
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



STA 26+37.54 TO STA 28+44.43 (WB)
STA 31+55.57 TO STA 33+63.27 (WB)
STA 26+47.17 TO STA 28+44.43 (EB)
STA 31+55.57 TO STA 33+63.14 (EB)



STA 26+65.26 TO STA 28+44.43 (WB)
STA 31+55.57 TO STA 33+21.95 (WB)
STA 26+75.00 TO STA 28+44.43 (EB)
STA 31+55.57 TO STA 33+25.00 (EB)



STA 26+37.54 TO STA 28+44.43 (WB)
STA 31+55.57 TO STA 33+63.27 (WB)
STA 26+47.17 TO STA 28+44.43 (EB)
STA 31+55.57 TO STA 33+63.14 (EB)



STA 26+65.26 TO STA 28+44.43 (WB)
STA 31+55.57 TO STA 33+21.95 (WB)
STA 26+75.00 TO STA 28+44.43 (EB)
STA 31+55.57 TO STA 33+25.00 (EB)



STA 26+37.54 TO STA 28+44.43 (WB)
STA 31+55.57 TO STA 33+63.27 (WB)
STA 26+47.17 TO STA 28+44.43 (EB)
STA 31+55.57 TO STA 33+63.14 (EB)



STA 26+65.26 TO STA 28+44.43 (WB)
STA 31+55.57 TO STA 33+21.95 (WB)
STA 26+75.00 TO STA 28+44.43 (EB)
STA 31+55.57 TO STA 33+25.00 (EB)

USER NAME = sklerpiec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57 TYPICAL SECTIONS

SCALE:	SHEET 5	OF 5	SHEETS	STA.	TO STA.
--------	---------	------	--------	------	---------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	17
		CONTRACT NO. 66F94		
ILLINOIS		FED. AID PROJECT		

MODEL: Schedule [Sheet]
FILE NAME: Q:\2022\23\DOTCAD CONNECT\2406.02.IDOT.D3.PTB.208-020.WO.02.IL-54.over.I-57\CADD>Data\Sheets\0366f94-sht-schedule.dgn

EARTHWORK SCHEDULE										
1 LOCATION			2 EARTH EXCAVATION	3 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	4 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	5 EMBANKMENT	6 EARTH BALANCE WASTE (+) OR SHORTAGE (-)	7 TOPSOIL EXCAVATION (DEPTH = 4")	8 TOPSOIL PLACEMENT (DEPTH = 4")	9 TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
	TO	FROM	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
IL 54	24+00.00	24+50.00	8	0	6	0	6	0	0	0
IL 54	24+50.00	25+00.00	17	1	12	0	12	0	0	0
IL 54	25+00.00	25+50.00	17	1	12	0	12	0	0	0
IL 54	25+50.00	26+00.00	16	1	11	0	11	0	0	0
IL 54	26+00.00	26+50.00	17	1	12	0	12	0	0	0
IL 54	26+50.00	27+00.00	20	1	14	0	14	0	0	0
IL 54	27+00.00	27+50.00	29	1	21	0	21	0	0	0
IL 54	27+50.00	28+00.00	43	2	31	0	31	0	0	0
IL 54	28+00.00	28+44.43	50	3	35	0	35	0	0	0
IL 54	31+55.57	32+00.00	51	3	36	0	36	0	0	0
IL 54	32+00.00	32+50.00	43	2	31	0	31	0	0	0
IL 54	32+50.00	33+00.00	28	1	20	0	20	0	0	0
IL 54	33+00.00	33+50.00	20	1	14	0	14	0	0	0
IL 54	33+50.00	34+00.00	18	1	13	0	13	0	0	0
IL 54	34+00.00	34+50.00	17	1	12	0	12	0	0	0
IL 54	34+50.00	35+00.00	18	1	13	0	13	0	0	0
IL 54	35+00.00	35+50.00	18	1	13	0	13	0	0	0
IL 54	35+50.00	36+00.00	9	0	7	0	7	0	0	0
PRE-STAGE SUBTOTAL			440	25	315	0	315	0	0	0
IL 54	25+50.00	26+00.00	0	0	0	0	0	1	1	0
IL 54	26+00.00	26+50.00	5	0	4	7	-3	4	3	1
IL 54	26+50.00	27+00.00	7	0	5	10	-5	5	3	2
IL 54	27+00.00	27+50.00	3	0	2	5	-3	4	2	2
IL 54	27+50.00	28+00.00	2	0	2	4	-2	4	2	2
IL 54	28+00.00	28+44.43	2	0	2	5	-3	4	2	2
IL 54	31+55.57	32+00.00	5	0	4	9	-5	5	3	2
IL 54	32+00.00	32+50.00	5	0	4	8	-4	5	3	2
IL 54	32+50.00	33+00.00	6	0	5	9	-4	5	3	2
IL 54	33+00.00	33+50.00	5	0	4	6	-2	4	3	1
IL 54	33+50.00	34+00.00	2	0	2	2	0	2	2	0
IL 54	34+00.00	34+50.00	0	0	0	0	0	0	0	0
STAGE 1 SUBTOTAL			45	0	30	65	-35	45	30	15
IL 54	25+50.00	26+00.00	0	0	0	0	0	1	1	0
IL 54	26+00.00	26+50.00	0	0	0	1	-1	2	2	0
IL 54	26+50.00	27+00.00	9	0	7	12	-5	5	4	1
IL 54	27+00.00	27+50.00	13	1	9	17	-8	7	5	2
IL 54	27+50.00	28+00.00	8	0	6	11	-5	5	3	2
IL 54	28+00.00	28+44.43	4	0	3	6	-3	4	2	2
IL 54	31+55.57	32+00.00	3	0	2	5	-3	4	2	2
IL 54	32+00.00	32+50.00	3	0	2	5	-3	4	2	2
IL 54	32+50.00	33+00.00	2	0	2	2	0	4	2	2
IL 54	33+00.00	33+50.00	1	0	1	1	0	3	2	1
IL 54	33+50.00	34+00.00	1	0	1	1	0	2	2	0
IL 54	34+00.00	34+50.00	0	0	0	0	0	1	1	0
STAGE 2 SUBTOTAL			45	5	30	60	-30	45	30	15
IL 54	23+70.00	24+00.00	0	0	0	0	0	1	1	0
IL 54	24+00.00	24+50.00	0	0	0	0	0	2	2	0
IL 54	24+50.00	25+00.00	0	0	0	0	0	2	2	0
IL 54	25+00.00	25+50.00	0	0	0	1	-1	2	2	0
IL 54	25+50.00	26+00.00	0	0	0	1	-1	3	3	0
IL 54	26+00.00	26+50.00	0	0	0	0	0	2	2	0
IL 54	33+50.00	34+00.00	0	0	0	0	0	1	1	0
IL 54	34+00.00	34+50.00	0	0	0	0	0	2	2	0
IL 54	34+50.00	35+00.00	0	0	0	0	0	2	2	0
IL 54	35+00.00	35+50.00	0	0	0	0	0	2	2	0
IL 54	35+50.00	36+00.00	0	0	0	1	-1	2	2	0
IL 54	36+00.00	36+30.00	0	0	0	0	0	1	1	0
STAGE 4 SUBTOTAL			0	0	0	5	-5	25	25	0
TOTAL			530	30	375	130	245	115	85	30

NOTES:
COLUMN 1: LOCATION FROM PLANS.
COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS. DOES NOT INCLUDE UNSUITABLE MATERIAL AND/OR TOPSOIL.
COLUMN 3: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT. NOMINAL QUANTITY OF 5% OF EARTH EXCAVATION (COLUMN 2) PROVIDED.
COLUMN 4: QUANTITIES OF EARTH EXCAVATION ADJUSTED FOR A SHRINKAGE FACTOR OF 25%.
COLUMN 5: QUANTITIES OF EMBANKMENT (FILL) FROM CROSS SECTIONS.
COLUMN 6: EARTHWORK BALANCE
(+) = QUANTITY OF EXTRA EXCAVATION TO BE WASTED.
(-) = QUANTITY OF FURNISHED EXCAVATION NEEDED.
COLUMN 7: QUANTITIES OF DISTURBED EXISTING TOPSOIL FROM CROSS SECTIONS. TO BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.
COLUMN 8: QUANTITIES OF TOPSOIL NEEDED FOR LANDSCAPING FROM CROSS SECTIONS.
COLUMN 9: TOPSOIL BALANCE



USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
SCHEDULES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	18
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule-1 (Sheet)
FILE NAME: Q:\2022R3\DOTCAD CONNECT\24006.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-sht-schedule.dgn

ROADWAY REMOVAL SCHEDULE											
FROM STATION	OFFSET	TO STATION	OFFSET	HMA SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	APPROACH SLAB REMOVAL	PCC SURFACE REMOVAL (VARIABLE DEPTH) *	HMA SURFACE REMOVAL, VARIABLE DEPTH
				SQ YD	SQ YD	FOOT	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD
23+70.00	LT/RT	23+90.00	LT/RT	148.0							
23+70.00	LT/RT	28+44.43	LT/RT							424.9	2996.0
24+25.82	5.80 RT	28+88.81	8.32 LT			464.4					
24+25.82	5.80 RT	28+88.81	8.62 RT			464.1					
24+32.16	6.25 RT	28+88.85	LT/RT				3391.4				
28+44.43	15.85 LT	28+58.86	9.00 LT		22.4						
28+44.43	25.45 LT	28+58.49	23.14 LT					7.2			
28+44.43	15.85 RT	28+59.55	23.32 RT		23.4						
28+44.43	25.66 RT	28+59.67	27.80 RT					8.5			
28+58.49	27.40 LT	28+89.67	8.31 LT						65.0		
28+59.14	8.65 RT	28+90.49	28.08 RT						64.9		
31+09.38	27.98 LT	31+40.84	8.81 LT						64.6		
31+10.21	8.48 RT	31+41.54	27.54 RT						65.8		
31+10.81	8.58 LT	35+73.64	6.03 LT			463.8					
31+10.81	8.31 RT	35+73.64	6.03 LT			464.3					
31+10.84	7.71 LT	35+66.73	8.41 LT				3368.6				
31+40.38	27.40 LT	31+55.57	25.33 LT					8.2			
31+40.50	22.71 LT	31+55.57	15.85 LT		22.8						
31+41.16	9.00 RT	31+55.57	15.85 RT		22.2						
31+41.45	22.95 RT	31+55.57	25.59 RT					7.9			
31+55.57	LT/RT	36+30.00	LT/RT							309.9	3000.2
36+10.00	LT/RT	36+30.00	LT/RT								
TOTAL				148.7							
				297			1857		6760		
					91					32	
									261		
										735	
											5997
NOTES:											
* EXISTING HOT-MIX ASPHALT PAVEMENT THICKNESS IS APPROXIMATELY 2.5". QUANTITY PROVIDED FOR WHEN MILLED DEPTH IS GREATER THAN 2.5". EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.											

PROPOSED PAVEMENT SCHEDULE													
FROM STATION	TO STATION	LT/RT	AGGREGATE BASE COURSE, TYPE A	BITUMINOUS MATERIALS (TACK COAT)	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	WELDED WIRE REINFORCEMENT	HOT-MIX ASPHALT SHOULDERS	LONGITUDINAL JOINT SEALANT	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, IL-9.5, MIX "C", N50	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	HMA MEDIAN SURFACE, 4 INCH	CURB REFLECTORS
			TON	POUND	SQ YD	SQ YD	TON	FOOT	TON	TON	FOOT	SQ FT	EACH
23+70	28+44	LT		951.4				479	90.9	149.2			
23+70	28+44	RT		717.2				124	108.4	102.3			
24+26	28+60	LT/RT	528.9									2762.9	40
24+32	28+60	LT/RT									443.2		
24+32	28+60	RT									428.1		
26+38	28+76	LT		37.5			25.8						
26+47	28+76	RT		35.3			24.2						
28+44	28+60	LT			31.6	23.8							
28+44	28+60	RT			33.5	24.7							
31+25	33+63	LT		37.5			25.8						
31+25	33+63	RT		37.5			25.8						
31+40	31+56	LT			33.0	24.7							
31+40	31+56	RT			31.8	23.8							
31+40	35+67	LT									426.9		
31+40	35+67	LT/RT									442.0		
31+40	35+73	LT/RT	524.8									2758.7	40
31+56	36+30	LT		640.8				127	60.0	103.0			
31+56	36+30	RT		924.1				479	74.0	148.6			
TOTAL			1054	3382	130	98	102	1209	334	504	1741	5522	80
NOTES:													
1. SEE MEDIAN/ISLAND REPAIR SCHEDULE FOR ADDITIONAL CURB REFLECTORS QUANTITIES.													

MAINTENANCE OF TRAFFIC PAVEMENT MARKING SCHEDULE												
STAGE	SHORT TERM PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING	SHORT TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - TAPE TYPE IV - LINE 4"			TEMPORARY PAVEMENT MARKING - TAPE TYPE IV - LINE 8"			TEMPORARY PAVEMENT MARKING - TAPE TYPE IV - LINE 12"	TEMPORARY PAVEMENT MARKING - TAPE TYPE IV - LINE 24"
				SOLID WHITE	DOUBLE YELLOW	SOLID YELLOW	SOLID WHITE	SOLID WHITE	WHITE 2' DASH - 6' SKIP	YELLOW 2' DASH - 6' SKIP	SOLID YELLOW 45° DIAGONAL, 30' SPACING	SOLID WHITE
				SQ FT	SQ FT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
REMOVAL IN PREPARATION FOR STAGE 1	0.0	1645.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STAGE 1	0.0	0.0	0.0	0.0	1431.5	137.5	1725.3	0.0	28.6	0.0	90.2	25.8
REMOVAL IN PREPARATION FOR STAGE 2	1258.9	202.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STAGE 2	0.0	0.0	0.0	30.4	1791.2	442.3	1761.8	254.3	76.0	0.0	0.0	0.0
REMOVAL IN PREPARATION FOR STAGE 3	1582.3	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STAGE 3	0.0	0.0	0.0	30.4	0.0	2606.0	2335.0	390.7	110.9	82.5	0.0	0.0
REMOVAL IN PREPARATION FOR STAGE 3A	2066.8	46.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STAGE 3A	0.0	0.0	0.0	0.0	0.0	1608.9	217.9	0.0	49.6	17.9	0.0	0.0
SUBTOTAL BEFORE FINAL PMK PLACEMENT	959.8	0.0	917.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OF ALL STAGES	5867.9	2004.1	917.5	60.8	3222.7	4794.7	6040.0	645.0	265.1	100.4	90.2	25.8
TOTAL	5868	2005	918	61		14058			1011		91	26

MODEL: Schedule-2 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-sht-schedule.dgn

MAINTENANCE OF TRAFFIC SCHEDULE													
STAGE	LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	TEMPORARY CONCRETE BARRIER	PINNING 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	TEMPORARY RUMBLE STRIPS	TEMPORARY PAVEMENT	TEMPORARY INFORMATION SIGNING
						FOOT	EACH	FOOT	EACH	EACH	EACH	SQ YD	SQ FT
PRE-STAGE	IL 54	24+26	RT	28+90	LT/RT							444.3	
	IL 54	31+10	LT/RT	35+74	LT							445.4	
	ROAD WORK AHEAD II 54												42.0
PRE-STAGE SUBTOTAL						0.0	0	0.0	0	0	0	889.7	42.0
STAGE 1	IL 54	27+19	RT						1				
	IL 54	27+19	RT	28+19	RT	100.0							
	IL 54	28+19	RT	31+81	RT	362.5	81						
	IL 54	31+81	RT	32+81	RT	100.0							
	IL 54	32+81	RT						1				
	IL 54										6		
STAGE 1 SUBTOTAL						562.5	81	0.0	2	0	6	0.0	0.0
STAGE 2	IL 54	27+44	RT							1			
	IL 54	27+44	RT	28+19	RT			75.0					
	IL 54	28+19	RT	31+81	RT			362.5					
	IL 54	31+81	RT	32+56	RT			75.0					
	STORE 50' TCB FOR LATER USE							50.0					
	STORE 1 IMPACT ATTENUATOR FOR LATER USE									1			
STAGE 2 SUBTOTAL						0.0	0	562.5	0	2	0	0.0	0.0
STAGE 3	IL 54	25+13	RT							1			
	IL 54	25+13	RT	25+88	RT	75.0							
	IL 54	25+88	RT	33+36	RT	187.5		562.5					
	IL 54	26+13	RT	26+63	LT/RT	50.0	12						
	IL 54	26+63	LT	34+11	LT	750.0							
	IL 54	33+36	RT	33+86	LT/RT	50.0	12						
	IL 54	34+11	LT	34+86	LT	75.0							
	IL 54	34+86	LT							1			
STAGE 3 SUBTOTAL						1187.5	24	562.5	0	2	0	0.0	0.0
STAGE 3A	IL 54	23+70	RT							1			
	IL 54	23+70	RT	24+20	RT	50.0							
	IL 54	24+20	RT	25+88	RT	100.0		75.0					
	IL 54	24+26	LT	26+64	LT	200.0		50.0					
	IL 54	33+36	RT	35+74	RT	200.0		50.0					
	IL 54	34+11	LT	35+80	RT	100.0		75.0					
	IL 54	35+80	LT	36+30	LT	50.0							
	IL 54	36+30	LT							1			
STAGE 3A SUBTOTAL						700.0	0	250.0	0	2	0	0.0	0.0
STAGE I-57 OUTSIDE	I-57	799+38	RT						1				
	I-57	799+38	RT	800+00	RT	62.5							
	I-57	800+00	RT	801+25	RT	125.0							
	I-57	800+00	LT	801+25	LT	125.0							
	I-57	801+25	LT	801+88	LT	62.5							
	I-57	801+88	LT							1			
STAGE I-57 SUBTOTAL						375.0	0	0.0	2	0	0	0.0	0.0
STAGE I-57 INSIDE	I-57	799+75	RT							1			
	I-57	799+75	RT	800+00	RT			25.0					
	I-57	800+00	RT	801+25	RT			125.0					
	I-57	800+00	LT	801+25	LT			125.0					
	I-57	801+25	LT	801+50	LT			25.0					
	I-57	801+50	LT							1			
STAGE I-57 SUBTOTAL						0.0	0	300.0	0	2	0	0.0	0.0
TOTAL						2825.0	105	1675.0	4	8	6	890	42

MODEL: Schedule-3 (Sheet)
FILE NAME: Q:\2022R3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366f94-sjt-schedule.dgn

PAVEMENT MARKING SCHEDULE														
START STATION	END STATION	OFFSET	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		GROOVING FOR RECESSED PAVEMENT MARKING 5"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"		GROOVING FOR RECESSED PAVEMENT MARKING 9"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
			SQ FT	SQ FT	SOLID WHITE FOOT	SOLID YELLOW FOOT	FOOT	SOLID WHITE FOOT	WHITE 2' DASH - 6' SKIP FOOT	FOOT	FOOT	FOOT	EACH	EACH
21+75.15	22+68.61	RT			185.4		92.7							
22+11.40	23+38.35	RT				253.8	126.9							
22+77.87		LT									22.8	22.8		
23+40.15		LT									23.1	23.1		
23+62.85	24+33.73	LT/RT							20.0	20.0				
23+62.85	36+34.07	LT			2542.5		1271.3							
23+62.85	36+39.08	RT			2541.7		1270.9							
24+25.51	35+73.32	LT/RT				2302.3	1151.1							
24+25.51	35+73.32	LT/RT				2302.3	1151.1							
24+32.10	26+83.97	LT						251.9		251.9			7	7
24+50.86		LT	11.5	11.5										
24+53.74		LT	15.6	15.6										
25+54.20		LT	15.6	15.6										
26+53.76		LT	15.6	15.6										
26+83.97	28+44.25	LT							40.1	40.1				
31+55.83	33+15.83	RT							40.0	40.0				
33+15.83	35+66.73	RT						250.9		250.9			7	7
33+45.07		RT	15.6	15.6										
34+45.08		RT	15.6	15.6										
35+45.09		RT	15.6	15.6										
35+47.98		RT	11.5	11.5										
35+70.10	36+39.45	LT/RT							19.8	19.8				
36+57.70	39+14.00	LT				512.6	256.3							
36+61.28		RT									24.1	24.1		
37+18.49		RT									21.2	21.2		
37+39.11	38+49.43	LT			20.6		10.3							
SUBTOTAL			116.6	116.6	5290.3	5371.0	5330.6	502.8	119.9	622.7	91.2	91.2	14	14
TOTAL			117	117	10661		5331	623		623	92	92	14	14

PROPOSED GUARDRAIL SCHEDULE											
FROM STATION	TO STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	DELINEATORS	GUARDRAIL REFLECTORS, TYPE A	BARRIER WALL REFLECTORS, TYPE C	LINEAR DELINEATOR PANELS, 4 INCH	LINEAR DELINEATOR PANELS, 6 INCH
			FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
26+63.30	27+13.25	LT			1	1	1				
26+63.27	27+13.27	RT			1	1	1				
27+13.25	28+38.21	LT	125.0					4		2	
27+13.27	28+38.21	RT	125.0					4		2	
28+38.21	28+75.71	LT		1							
28+38.21	28+75.71	RT		1							
28+75.71	31+25.25	LT							8		4
28+75.71	31+25.25	RT							8		4
31+25.25	31+62.75	LT		1							
31+25.25	31+62.75	RT		1							
31+62.75	32+87.71	LT	125.0					4		2	
31+62.75	32+87.71	RT	125.0					4		2	
32+87.71	33+37.67	LT			1	1	1				
32+87.71	33+37.67	RT			1	1	1				
TOTAL			500.0	4	4	4	4	16	16	8	8

MEDIAN/ISLAND REPAIR SCHEDULE									
FROM STATION	TO STATION	OFFSET	AREA	LENGTH	NOMINAL REPAIR %	CONCRETE MEDIAN REPAIR	MEDIAN SURFACE REMOVAL AND REPLACEMENT	CONCRETE CURB REPAIR	CURB REFLECTORS
			SQ FT	FOOT		SQ FT	SQ FT	FOOT	EACH
17+11	21+11	LT/RT	4632.6	806.0	50%		2316.3	403.0	12
21+82	23+44	LT/RT	2127.9	330.8	50%		1064.0	165.4	6
36+56	40+89	LT/RT	5060.1	871.6	50%		2530.1	435.8	15
RAMP C ISLAND		LT	150.5	56.2	50%	75.3		28.1	6
RAMP B ISLAND		RT	170.5	60.9	50%	85.3		30.5	6
TOTAL						161	5911	1063	45
NOTES: 1. SEE PROPOSED PAVEMENT SCHEDULE FOR ADDITIONAL CURB REFLECTORS QUANTITIES.									

MODEL: Schedule4 (Sheet)
FILE NAME: Q:\2022R3\DOTCADD CONNECT\24006.02.IDOT.D3.PTB.208-020.WO.02.IL-54.over.I-57\CADD Data\Sheets\0366F94-sht-schedule.dgn

EXISTING SIGNING SCHEDULE												
EXISTING STATION	EXISTING OFFSET	DESIGNATION	DESCRIPTION	PANEL WIDTH	PANEL HEIGHT	PANEL AREA	REMOVE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 3	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT
				INCH	INCH	SQ FT	SQ FT	SQ FT	EACH	EACH	EACH	EACH
22+27	45.09 RT	CUSTOM	KANKAKEE/CHAMPAIGN GUIDE SIGN	132	66	60.5		60.5			2	2
22+51	39.39 RT	M3-3P	CARDINAL DIRECTION - SOUTH	24	12	2.0			1			
		M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0						
		M6-1P	DIRECTIONAL ARROW	21	15	2.2						
22+64	47.74 LT	R1-1	STOP	36	36	9.0	9.0					
23+19	35.98 LT	R6-1	ONE WAY	36	12	3.0				1		
		R6-1	ONE WAY	36	12	3.0						
		R1-1	STOP	36	36	9.0						
		R6-3	DIVIDED HIGHWAY CROSSING	30	24	5.0						
23+24	3.09 RT	M3-3P	CARDINAL DIRECTION - SOUTH	24	12	2.0			1			
		M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0						
		M6-1P	DIRECTIONAL ARROW	21	15	2.2						
23+79	41.99 RT	M3-2P	CARDINAL DIRECTION - EAST	36	18	4.5				1		
		M1-I100	STATE ROUTE	36	36	9.0						
		M6-1P	DIRECTIONAL ARROW	30	21	4.4						
28+83	0.18 LT	R3-I100	LEFT TURN LANE	24	24	4.0	4.0					
31+17	0.23 LT	R3-I100	LEFT TURN LANE	24	24	4.0	4.0					
36+28	44.19 LT	M3-4P	CARDINAL DIRECTION - WEST	36	18	4.5				1		
		M1-I100	STATE ROUTE	36	36	9.0						
		M6-1P	DIRECTIONAL ARROW	30	21	4.4						
36+77	3.11 LT	M3 1P	CARDINAL DIRECTION - NORTH	24	12	2.0			1			
		M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0						
		M6-1P	DIRECTIONAL ARROW	21	15	2.2						
36+80	35.91 RT	R6-1	ONE WAY	36	12	3.0				1		
		R6-1	ONE WAY	36	12	3.0						
		R1-1	STOP	36	36	9.0						
		R6-3	DIVIDED HIGHWAY CROSSING	30	24	5.0						
		R1-1	STOP	36	36	9.0	9.0					
37+06	64.96 RT	M3-3P	CARDINAL DIRECTION - SOUTH	24	12	2.0				1		
37+69	40.41 LT	M1 1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0						
		M5-1P	DIRECTIONAL ARROW	21	15	2.2						
		M3-1P	CARDINAL DIRECTION - NORTH	24	12	2.0						
		M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0						
		M6-1P	DIRECTIONAL ARROW	21	15	2.2						
40+64	40.07 LT	CUSTOM	CHAMPAIGN/KANKAKEE GUIDE SIGN	132	66	60.5		60.5			2	2
TOTAL							26	121	3	5	4	4

PROPOSED SIGNING SCHEDULE																					
EXISTING STATION	EXISTING OFFSET	PROPOSED STATION	PROPOSED OFFSET	PROPOSED MOUNTING TYPE	DESIGNATION	DESCRIPTION	PANEL WIDTH	PANEL HEIGHT	PANEL AREA	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 3	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY					CONCRETE FOUNDATIONS	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT	
							INCH	INCH	SQ FT	SQ FT	SQ FT	MEMBER TYPE	P1 FOOT	P2 FOOT	STUB POST WEIGHT LBS	PAY WEIGHT LBS	CU YD	EACH	FOOT	FOOT	
22+27	45.09 RT	22+27	45.00 RT	GROUND	CUSTOM	KANKAKEE/CHAMPAIGN GUIDE SIGN	132	126	115.5		115.5	W10X22	18.2	19.5	132.0	961.4	2.4				
22+51	39.39 RT	22+51	41.00 RT	GROUND	M3-3P	CARDINAL DIRECTION - SOUTH	24	12	2.0	2.0										16.0	
					M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0	4.0											
					M6-1P	DIRECTIONAL ARROW	21	15	2.2	2.2											
22+64	47.74 LT	22+62	52.22 LT	GROUND	R1-1	STOP	36	36	9.0	9.0										14.0	
23+19	35.98 LT	23+19	36.26 LT	GROUND	R6-1	ONE WAY	36	12	3.0	3.0								1	16.0		
					R6-1	ONE WAY	36	12	3.0	3.0											
					R1-1	STOP	36	36	9.0	9.0											
					R6-3	DIVIDED HIGHWAY CROSSING	36	30	7.5	7.5											
23+24	3.09 RT	23+24	3.09 RT	GROUND	M3-3P	CARDINAL DIRECTION - SOUTH	24	12	2.0	2.0								1	14.0		
					M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0	4.0											
					M6-1P	DIRECTIONAL ARROW	21	15	2.2	2.2											
23+79	41.99 RT	23+79	41.00 RT	GROUND	M3-2P	CARDINAL DIRECTION - EAST	36	18	4.5	4.5										18.0	
					M1-I100	STATE ROUTE	36	36	9.0	9.0											
					M6-1P	DIRECTIONAL ARROW	30	21	4.4	4.4											
28+83	0.18 LT	28+83	0.00 LT	GROUND	R3-I100	LEFT TURN LANE	24	24	4.0	4.0								1	11.0		
31+17	0.23 LT	31+17	0.00 LT	GROUND	R3-I100	LEFT TURN LANE	24	24	4.0	4.0								1	11.0		
36+28	44.19 LT	36+28	41.00 LT	GROUND	M3-4P	CARDINAL DIRECTION - WEST	36	18	4.5	4.5										18.0	
					M1-I100	STATE ROUTE	36	36	9.0	9.0											
					M6-1P	DIRECTIONAL ARROW	30	21	4.4	4.4											
36+77	3.11 LT	36+77	3.11 LT	GROUND	M3-1P	CARDINAL DIRECTION - NORTH	24	12	2.0	2.0								1	14.0		
					M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0	4.0											
					M6-1P	DIRECTIONAL ARROW	21	15	2.2	2.2											
36+80	35.91 RT	36+80	36.78 RT	GROUND	R6-1	ONE WAY	36	12	3.0	3.0								1	16.0		
					R6-1	ONE WAY	36	12	3.0	3.0											
					R1-1	STOP	36	36	9.0	9.0											
					R6-3	DIVIDED HIGHWAY CROSSING	36	30	7.5	7.5											
37+06	64.96 RT	37+36	52.70 RT	GROUND	R1-1	STOP	36	36	9.0	9.0										14.0	
37+69	40.41 LT	37+69	41.00 LT	GROUND	M3-3P	CARDINAL DIRECTION - SOUTH	24	12	2.0	2.0										16.0	
					M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0	4.0											
					M5-1P	DIRECTIONAL ARROW	21	15	2.2	2.2											
37+69	40.41 LT	37+69	41.00 LT	GROUND	M3-1P	CARDINAL DIRECTION - NORTH	24	12	2.0	2.0										16.0	
					M1-1	INTERSTATE ROUTE SIGN (2 DIGITS)	24	24	4.0	4.0											
					M6-1P	DIRECTIONAL ARROW	21	15	2.2	2.2											
40+64	40.07 LT	40+64	40.00 LT	GROUND	CUSTOM	CHAMPAIGN/KANKAKEE GUIDE SIGN	132	126	115.5		115.5	W10X22	18.5	19.7	132.0	972.4	2.4				
TOTAL										148	231						1934	5	6	82	112



USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
SCHEDULES

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

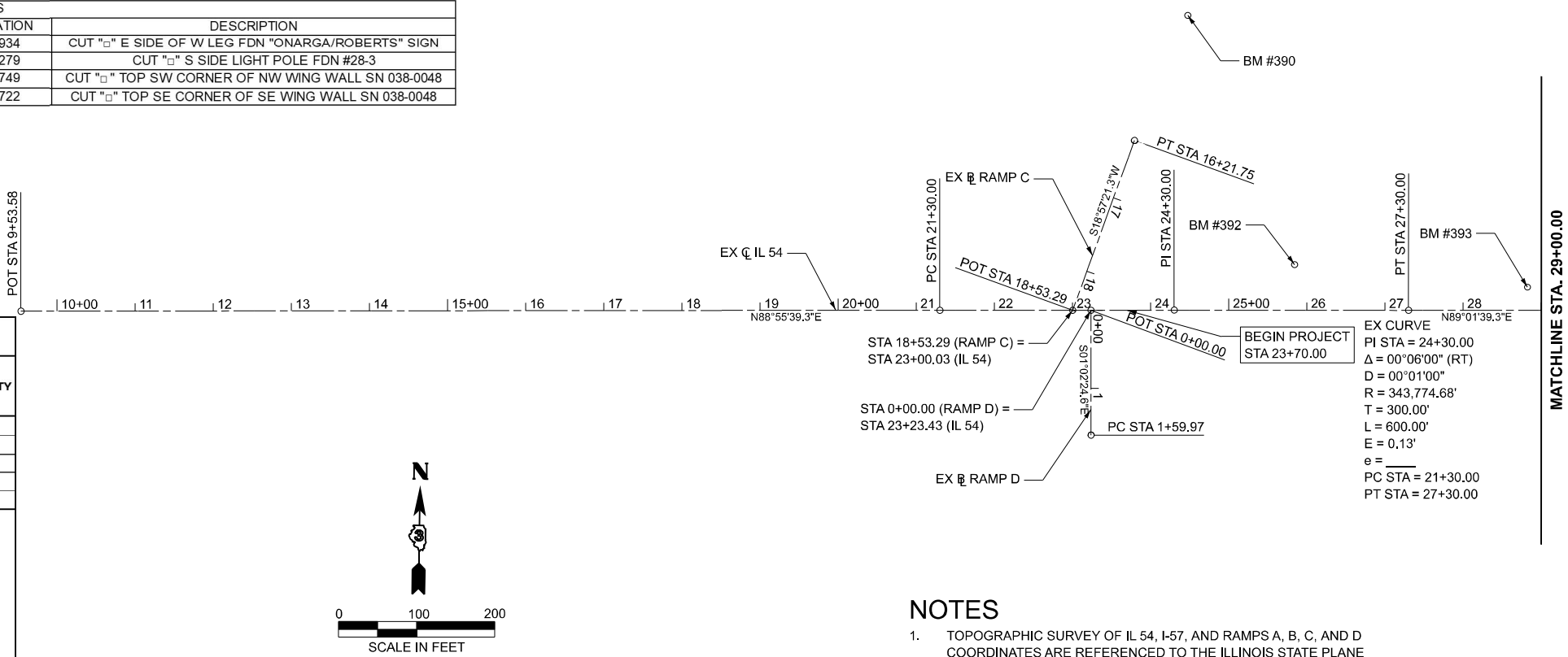
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	22
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

* TOTAL EXCLUDES EXISTING 4" STABILIZED SUBBASE THAT IS TO REMAIN IN PLACE

* TOTAL EXCLUDES EXISTING 4" STABILIZED SUBBASE THAT IS TO REMAIN IN PLACE

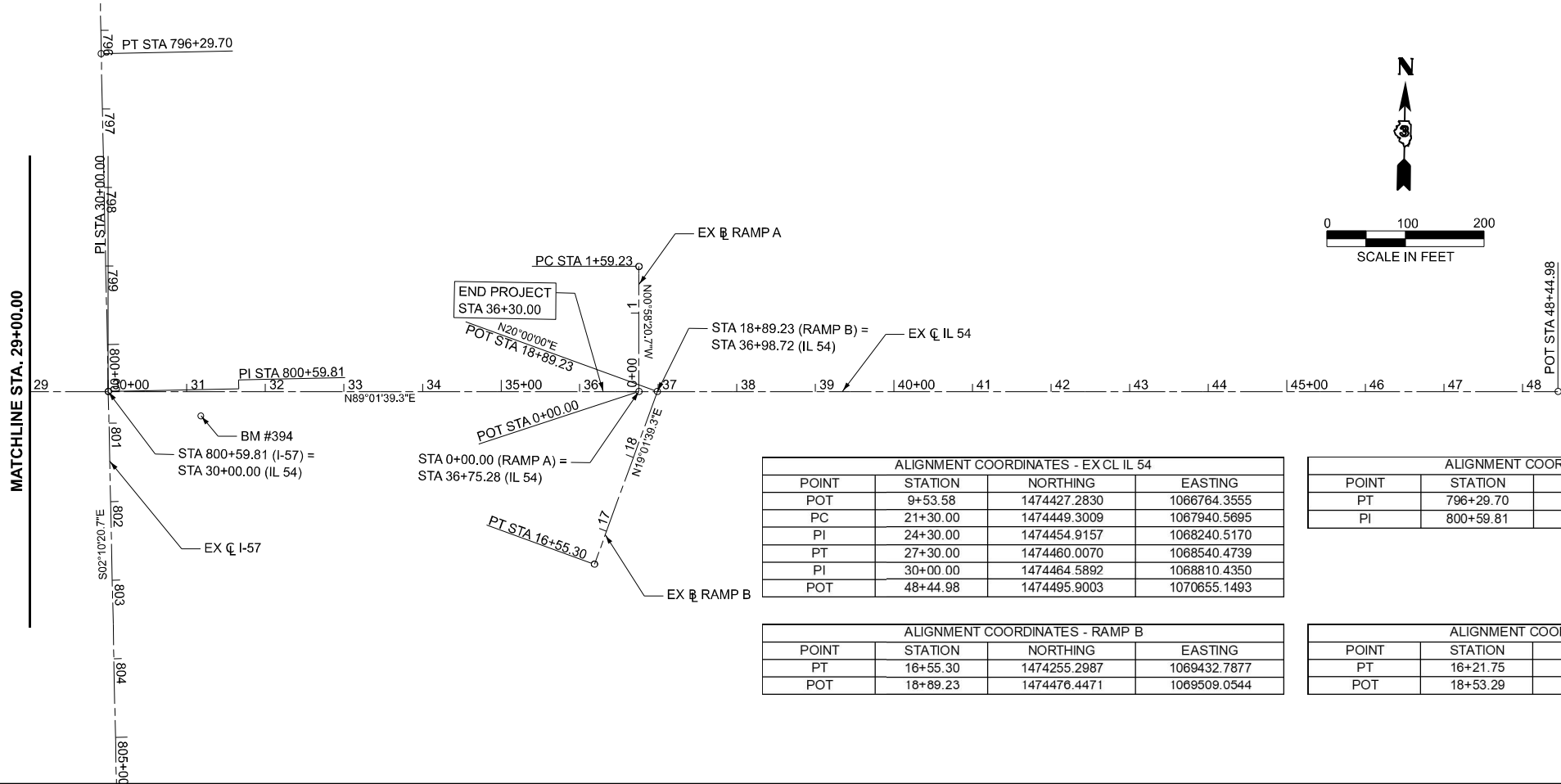
CONTROL POINTS AND BENCHMARKS						
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM390	24+47.34	377.72' LT	1474832.7515	1068251.1370	673.934	CUT "□" E SIDE OF W LEG FDN "ONARGA/ROBERTS" SIGN
BM392	25+84.03	58.42' LT	1474515.9095	1068393.5060	682.279	CUT "□" S SIDE LIGHT POLE FDN #28-3
BM393	28+82.17	29.76' LT	1474492.3445	1068692.1150	693.749	CUT "□" TOP SW CORNER OF NW WING WALL SN 038-0048
BM394	31+17.82	30.97' RT	1474435.6285	1068928.7650	693.722	CUT "□" TOP SE CORNER OF SE WING WALL SN 038-0048

PERMANENT SURVEY MARKER SCHEDULE						
MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
PT243000	PT STA 24+30.00	STA 24+30.00	NONE	* TYPE 1	NO	1
PI300000	STA 30+00.00 (ILL 54) = STA 800+59.81 (I-57)	CENTER OF BRIDGE	NONE	TYPE 1	NO	1
* SET DRILL HOLE OR CUT CROSS IN PLACE OF TYPE 1 PSM IF LOCATION NEAR CURB DOES NOT PERMIT INSTALLATION OF TYPE 1 PSM.						
UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, R.E. WILL DIRECT PLATS AND PLANS TO TIE ANY UNLISTED MONUMENT SUBJECT TO DESTRUCTION FROM THE BRIDGE REPLACEMENT WORK, FOR THE PURPOSE OF RESETTling IT AFTER JOB COMPLETION.						
NO MONUMENT RECORDS WILL BE REQUIRED.						
RESPONSIBILITY:						
1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)						
2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT						



NOTES

- TOPOGRAPHIC SURVEY OF IL 54, I-57, AND RAMPS A, B, C, AND D COORDINATES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE (NAD83-2011 ADJ).



ALIGNMENT COORDINATES - EX CL IL 54				
POINT	STATION	NORTHING	EASTING	
POT	9+53.58	1474427.2830	1066764.3555	
PC	21+30.00	1474449.3009	1067940.5695	
PI	24+30.00	1474454.9157	1068240.5170	
PT	27+30.00	1474460.0070	1068540.4739	
PI	30+00.00	1474464.5892	1068810.4350	
POT	48+44.98	1474495.9003	1070655.1493	

ALIGNMENT COORDINATES - EX CL I-57				
POINT	STATION	NORTHING	EASTING	
PT	796+29.70	1474894.3962	1068794.1307	
PI	800+59.81	1474464.5892	1068810.4350	

ALIGNMENT COORDINATES - RAMP A				
POINT	STATION	NORTHING	EASTING	
POT	0+00.00	1474476.0493	1069485.6177	
PC	1+59.23	1474635.2564	1069482.9155	

ALIGNMENT COORDINATES - RAMP B				
POINT	STATION	NORTHING	EASTING	
PT	16+55.30	1474255.2987	1069432.7877	
POT	18+89.23	1474476.4471	1069509.0544	

ALIGNMENT COORDINATES - RAMP C				
POINT	STATION	NORTHING	EASTING	
PT	16+21.75	1474671.4244	1068185.7841	
POT	18+53.29	1474452.4411	1068110.5705	

ALIGNMENT COORDINATES - RAMP D				
POINT	STATION	NORTHING	EASTING	
POT	0+00.00	1474452.8667	1068133.9666	
PC	1+59.97	1474292.9231	1068136.8706	

EFK•Moen
Civil Engineering Design

USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET 1 OF 1 SHEETS STA. 9+53.58 TO STA. 69+53.58

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	24
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

MODEL: EX_CL_US54 - Plan 1 (Sheet)
FILE NAME: C:\2022\23\DOTCAD CONNECT\24006.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-sh-r-removal.dgn

EFK•Moen
Civil Engineering Design

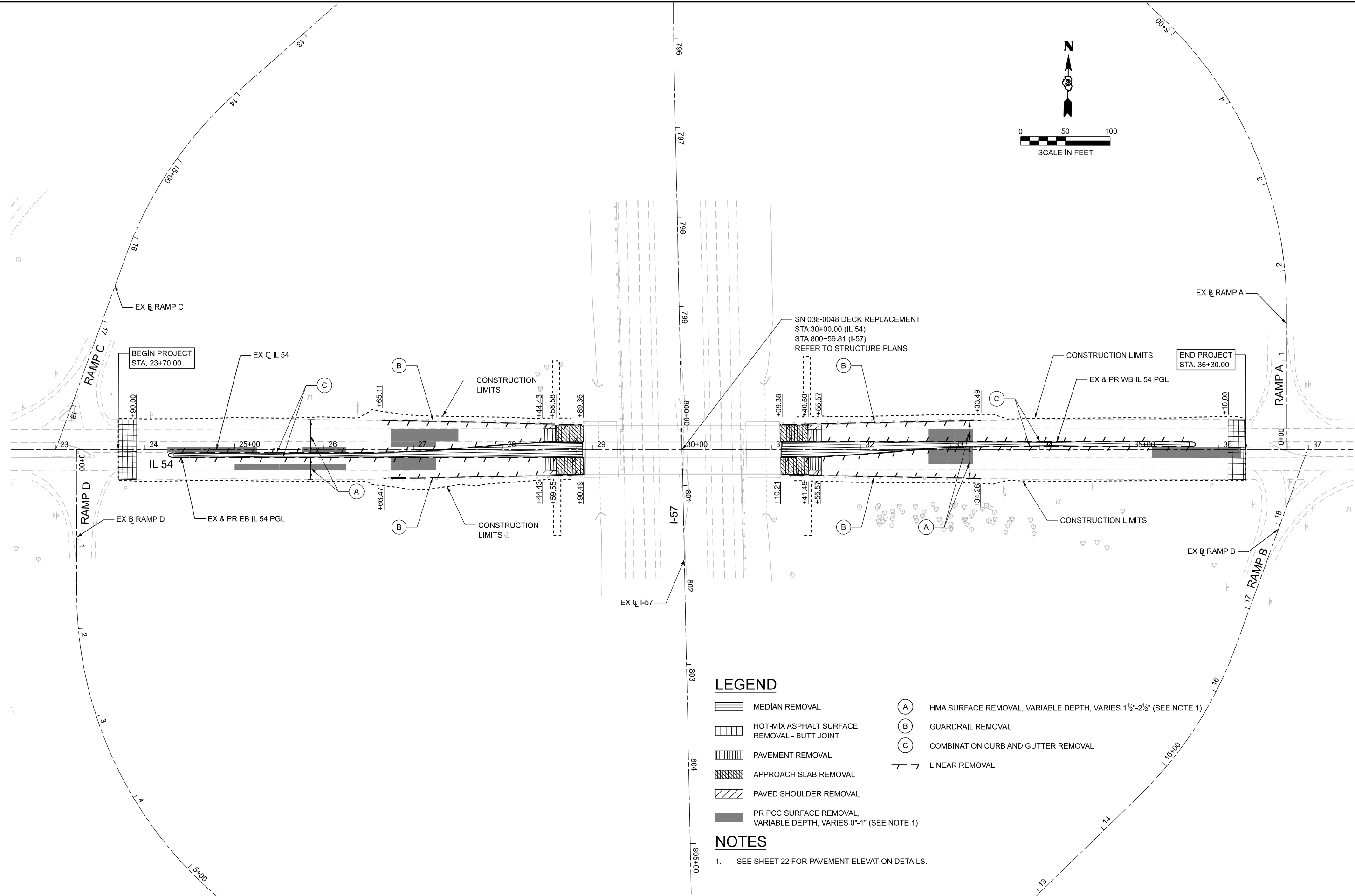
USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
	DATE - 3/27/2025	REVISED -
PLOT DATE = 3/25/2025		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
REMOVAL PLAN

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 22+50.00 TO STA. 37+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	25
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



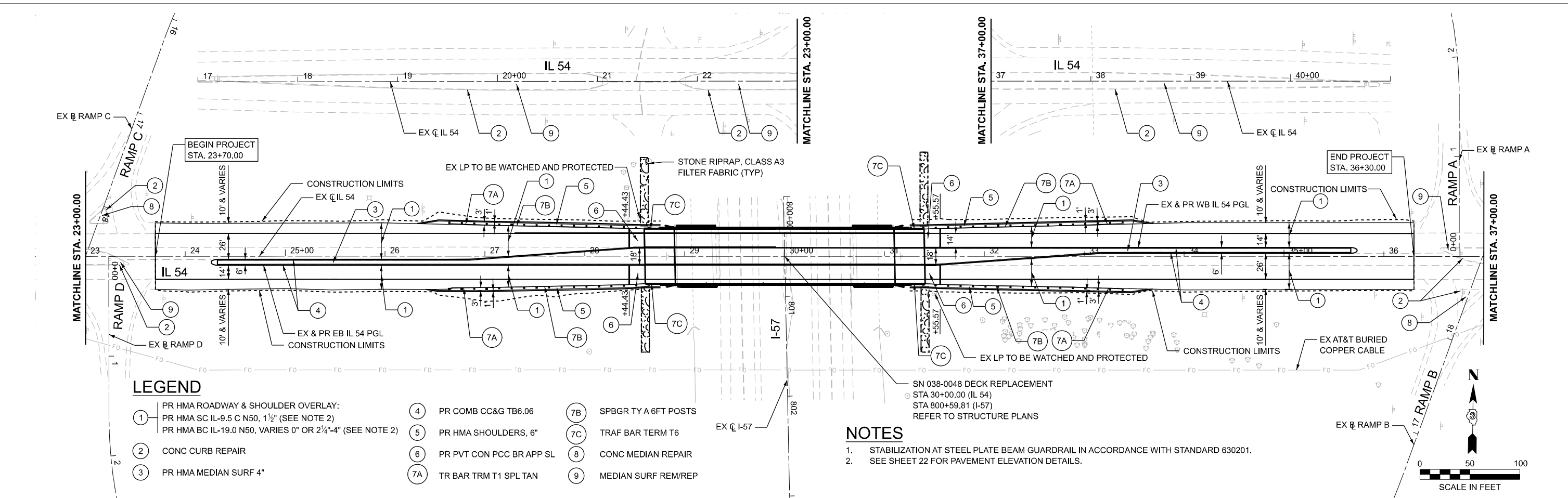
LEGEND

- | | | | |
|--|---|-----|--|
| | MEDIAN REMOVAL | (A) | HMA SURFACE REMOVAL, VARIABLE DEPTH, VARIES 1½"-2½" (SEE NOTE 1) |
| | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | (B) | GUARDRAIL REMOVAL |
| | PAVEMENT REMOVAL | (C) | COMBINATION CURB AND GUTTER REMOVAL |
| | APPROACH SLAB REMOVAL | | LINEAR REMOVAL |
| | PAVED SHOULDER REMOVAL | | |
| | PR PCC SURFACE REMOVAL, VARIABLE DEPTH, VARIES 0"-1" (SEE NOTE 1) | | |

NOTES

- SEE SHEET 22 FOR PAVEMENT ELEVATION DETAILS.

MODEL: EXCL US54 - Plan 1 [Sheet]
FILE NAME: O:\2022\3\DOTCAD CONNECT\24006.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366f94-sh-1.dgn

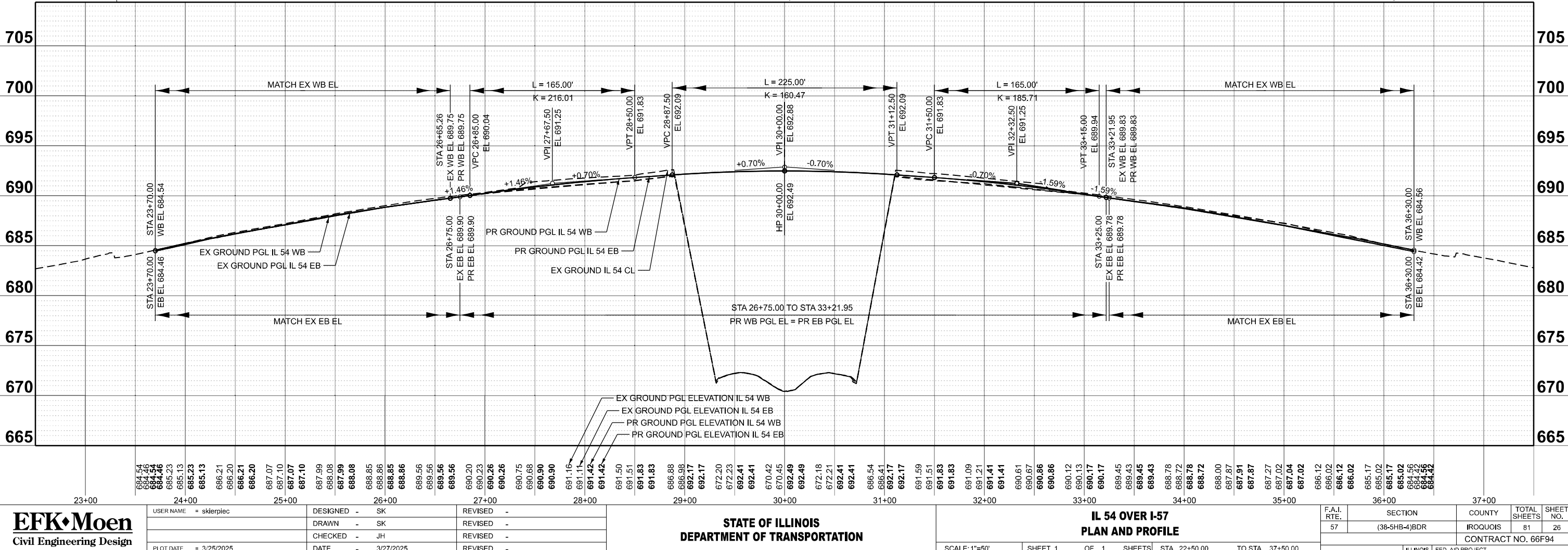


LEGEND

- | | | | | | |
|---|--|----|--------------------------|----|----------------------|
| 1 | PR HMA ROADWAY & SHOULDER OVERLAY: | 4 | PR COMB CC&G TB6.06 | 7B | SPBGR TY A 6FT POSTS |
| 2 | PR HMA SC IL-9.5 C N50, 1 1/2" (SEE NOTE 2) | 5 | PR HMA SHOULDERS, 6" | 7C | TRAF BAR TERM T6 |
| 3 | PR HMA BC IL-19.0 N50, VARIES 0" OR 2 1/4"-4" (SEE NOTE 2) | 6 | PR PVT CON PCC BR APP SL | 8 | CONC MEDIAN REPAIR |
| | | 7A | TR BAR TRM T1 SPL TAN | 9 | MEDIAN SURF REM/REP |
| 2 | CONC CURB REPAIR | | | | |
| 3 | PR HMA MEDIAN SURF 4" | | | | |

NOTES

- STABILIZATION AT STEEL PLATE BEAM GUARDRAIL IN ACCORDANCE WITH STANDARD 630201.
- SEE SHEET 22 FOR PAVEMENT ELEVATION DETAILS.



EFK Moen
Civil Engineering Design

USER NAME	= sklerplec
DESIGNED	- SK
DRAWN	- SK
CHECKED	- JH
DATE	- 3/27/2025

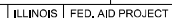
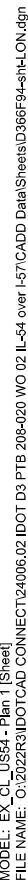
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
PLAN AND PROFILE

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 22+50.00 TO STA. 37+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	26
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



STAGING PLAN - GENERAL NOTES

1.

ALL EXISTING AND TEMPORARY PAVEMENT MARKINGS FROM PRIOR STAGES THAT ARE IN CONFLICT SHALL BE REMOVED.
2.

ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED AS DIRECTED BY THE ENGINEER.
3.

SIGNS DESIGNATED AS (O) SHALL HAVE FLUORESCENT ORANGE SHEETING MATERIAL.
4.

THE CONTRACTOR SHALL REMOVE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER. DO NOT PLACE TAPE OR DRILL INTO THE FACE OF THE SIGN WHEN COVERING.
5.

CONTRACTOR SHALL STORE ANY UNUSED TEMPORARY CONCRETE BARRIER WALLS OUTSIDE OF THE CLEAR ZONE OR OUTSIDE OF THE PROJECT LIMITS. THE STORAGE OF UNUSED TEMPORARY CONCRETE BARRIER WALLS SHALL NOT POSE A HAZARD TO MOTORISTS OR ABUTTING PROPERTIES/APPURTENANCES.
6.

ON NB AND SB I-57, A SIGN ASSEMBLY CONSISTING OF WIDTH RESTRICTION SIGN W12-I102-48(O), CARDINAL DIRECTION SIGN M3-2P-3618 / M3-4P-3618, AND IL 54 SIGN M1-I100-3636 SHALL BE INSTALLED ADJACENT TO THE EXISTING GROUND-MOUNTED EXIT 280: IL 54 / ONARGA / ROBERTS GUIDE SIGNS (LOCATED AT THE EXIT, 1/2 MILE AWAY, AND 1 MILE AWAY), THE COST OF SUPPLYING, INSTALLING, MAINTAINING, AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
7.

PEAK HOURS FOR I-57 ARE 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM.
ALL HOURS ARE OFF-PEAK FOR IL 54.

IL 54 STAGING PLAN - STAGING NOTES

PRE-STAGE

TRAFFIC

1.

ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.
2.

RAMP CLOSURES NOT TO EXCEED 24 HOURS.
3.

ONLY WHILE CONSTRUCTION IS OCCURRING, UTILIZE DISTRICT 3 STANDARD 720-7 TO CLOSE RAMP C AND RAMP B LEFT TURN LANES AND EB AND WB LEFT TURN LANES AT RAMP D AND RAMP A AS NEEDED FOR CONSTRUCTION.
4.

ONLY WHILE CONSTRUCTION IS OCCURRING, UTILIZE HIGHWAY STANDARD 701201 TO CLOSE EITHER THE EB OR WB THROUGH LANE AND MEDIAN. MAINTAIN TRAFFIC ON THE OPPOSITE THROUGH LANE.

CONSTRUCTION

1.

REMOVE MEDIAN AND CONSTRUCT TEMPORARY PAVEMENT FROM STA 24+26 TO STA 28+90 AND STA 31+10 TO STA 35+74.
2.

TEMPORARY PAVEMENT MUST BE PLACED ON ALL AREAS WHERE MEDIAN WAS REMOVED BY THE END OF EACH DAILY WORK SHIFT.

STAGE 1

TRAFFIC

1.

UTILIZE STANDARD 701321 AND THE STAGING PLANS TO INSTALL TEMPORARY SIGNALS, TEMPORARY CONCRETE BARRIER, AND OTHER TRAFFIC CONTROL DEVICES.
2.

MAINTAIN ONE 11.5' LANE WITH 1' INSIDE SHOULDER AND 1' OUTSIDE SHOULDER ON EX EB PAVEMENT.

CONSTRUCTION

1.

REMOVE EX WB BRIDGE DECK, MEDIAN, AND APPROACHES, GUARDRAIL, AND OTHER APPURTENANCES.
2.

CONSTRUCT PR WB HMA SHOULDER STABILIZATION, GUARDRAIL, GRADING, PAVEMENT CONNECTOR, AND TEMPORARY RAMPS. PERFORM ALL WORK ON WB BRIDGE.

STAGE 2

TRAFFIC

1.

SHIFT BOTH LANES TO WB PAVEMENT AS SHOWN ON THE STAGING PLANS.
2.

MAINTAIN ONE 12' MIN LANE IN EACH DIRECTION.
3.

MAINTAIN ONE LEFT TURN LANE AT RAMP D AND RAMP A.
4.

MAINTAIN ALL I-57 RAMP MOVEMENTS.

CONSTRUCTION

1.

REMOVE EX EB BRIDGE DECK, MEDIAN, AND APPROACHES, GUARDRAIL, AND OTHER APPURTENANCES.
2.

CONSTRUCT PR EB HMA SHOULDER STABILIZATION, GUARDRAIL, GRADING, PAVEMENT CONNECTOR, AND TEMPORARY RAMPS. PERFORM ALL WORK ON EB BRIDGE.

STAGE 3

TRAFFIC

1.

SHIFT TRAFFIC TO THE OUTSIDE SHOULDER AND CLOSE MEDIAN WITH TEMPORARY CONCRETE BARRIER AS SHOWN ON THE STAGING PLANS.
2.

MAINTAIN ONE 11' MIN LANE IN EACH DIRECTION.
3.

MAINTAIN ONE LEFT TURN LANE AT RAMP D AND RAMP A.
4.

MAINTAIN ALL I-57 RAMP MOVEMENTS.

CONSTRUCTION

1.

REMOVE TEMPORARY PAVEMENT AND CONSTRUCT RAISED MEDIAN TO LIMITS SHOWN ON THE STAGING PLANS.

IL 54 STAGING PLAN - STAGING NOTES CONTINUED

SUBSTAGE 3A

TRAFFIC

1.

ALL WORK MUST BE COMPLETED WITHIN ONE WEEK.
2.

RAMP CLOSURES NOT TO EXCEED ONE WEEK.
3.

UTILIZE DISTRICT 3 STANDARD 720-7 TO CLOSE RAMP C AND RAMP B LEFT TURN LANES, AND EB AND WB LEFT TURN LANES AT RAMP D AND RAMP A AS NEEDED FOR CONSTRUCTION.
4.

SHIFT TRAFFIC AND TEMPORARY CONCRETE BARRIER AS SHOWN ON THE STAGING PLANS.
5.

MAINTAIN ONE 11' MIN LANE IN EACH DIRECTION.

CONSTRUCTION

1.

REMOVE TEMPORARY PAVEMENT AND CONSTRUCT REMAINING RAISED MEDIAN TO LIMITS SHOWN ON THE STAGING PLANS.

SUBSTAGE 3B

TRAFFIC

1.

MAINTAIN TRAFFIC IN SUBSTAGE 3A CONFIGURATION.
2.

UTILIZE STANDARD 701306 TO ALTERNATE CLOSURE OF THE EB AND WB LANES.
3.

ALL WORK SHALL BE COMPLETED BEFORE OPENING TO TRAFFIC.

CONSTRUCTION

1.

REMOVE TEMPORARY CONCRETE BARRIER AND INSTALL TEMPORARY RAMP ADJACENT TO MEDIAN.

STAGE 4

TRAFFIC

1.

RETURN TRAFFIC TO EXISTING CONFIGURATION.
2.

UTILIZE STANDARDS 701301, 701306, AND 701311 TO ALTERNATE CLOSURE OF THE EB AND WB LANES.
3.

WHEN DROP-OFF DEPTH EXCEEDS 4 IN, THE LANE SHALL BE RESURFACED BEFORE OPENING TO TRAFFIC.

CONSTRUCTION

1.

OUTSIDE OF BRIDGE LIMITS, CONSTRUCT PROPOSED MILLING AND RESURFACING.
2.

PLACE FINAL PAVEMENT MARKINGS.

I-57 STAGING PLAN - STAGING NOTES

PROTECTIVE SHIELD WORK

TRAFFIC

1.

ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.
2.

CLOSE ONE LANE AT A TIME ON I-57 UTILIZING STANDARDS 701400, 701406, 701411, AND 701428.
3.

MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES.

CONSTRUCTION

1.

INSTALL AND REMOVE PROTECTIVE SHIELD AS NEEDED. SEE STRUCTURE PLAN.

MEDIAN PIER WORK

TRAFFIC

1.

CLOSE INSIDE SHOULDER IN EACH DIRECTION WITH TEMPORARY CONCRETE BARRIER AS SHOWN ON THE STAGING PLANS.
2.

MAINTAIN TWO EXISTING LANES AND OUTSIDE SHOULDER IN EACH DIRECTION.

CONSTRUCTION

1.

PERFORM MEDIAN PIER WORK.

OUTSIDE PIER AND SLOPE WALL WORK

TRAFFIC

1.

CLOSE OUTSIDE SHOULDER IN EACH DIRECTION WITH TEMPORARY CONCRETE BARRIER AS SHOWN ON THE STAGING PLANS.
2.

MAINTAIN TWO EXISTING LANES AND INSIDE SHOULDER IN EACH DIRECTION.

CONSTRUCTION

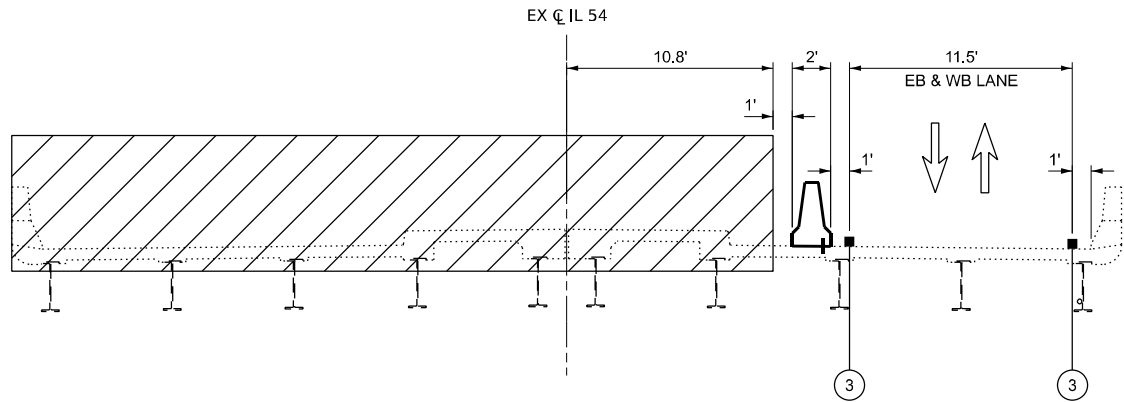
1.

PERFORM OUTSIDE PIER AND SLOPE WALL WORK.

USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

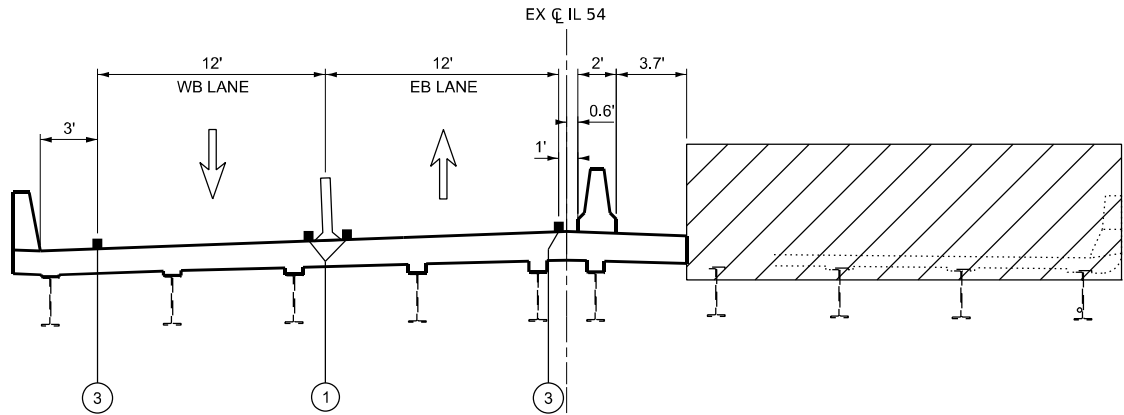
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	28
		CONTRACT NO. 66F94		
		ILLINOIS	FED. AID PROJECT	

MODEL: MOT Typicals (Sheet)
FILE NAME: Q:\2022R3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sht-staging-typical.dgn



IL 54 TYPICAL SECTION STAGE 1

STA 28+43.81 TO STA 31+55.81
(FACING EAST)



IL 54 TYPICAL SECTION STAGE 2

STA 28+43.81 TO STA 31+55.81
(FACING EAST)

LEGEND

- TEMPORARY CONCRETE BARRIER
- TEMPORARY CONCRETE BARRIER PINNED ON TRAFFIC SIDE
- TUBULAR MARKER
- 1 TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID YELLOW)
- 3 TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 8" - TAPE TYPE IV (SOLID WHITE)
- WORK AREA
- TEMPORARY PAVEMENT

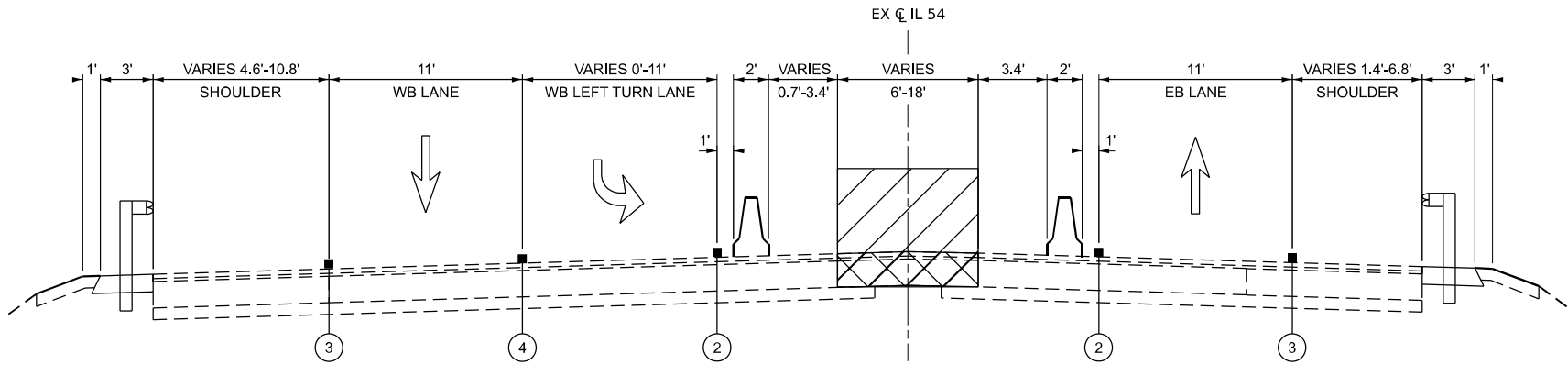
NOTES:

- TEMPORARY PAVEMENT CONSISTS OF:
 - HOT-MIX ASPHALT PAVEMENT, 10"
 - AGGREGATE BASE COURSE, 4"

USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

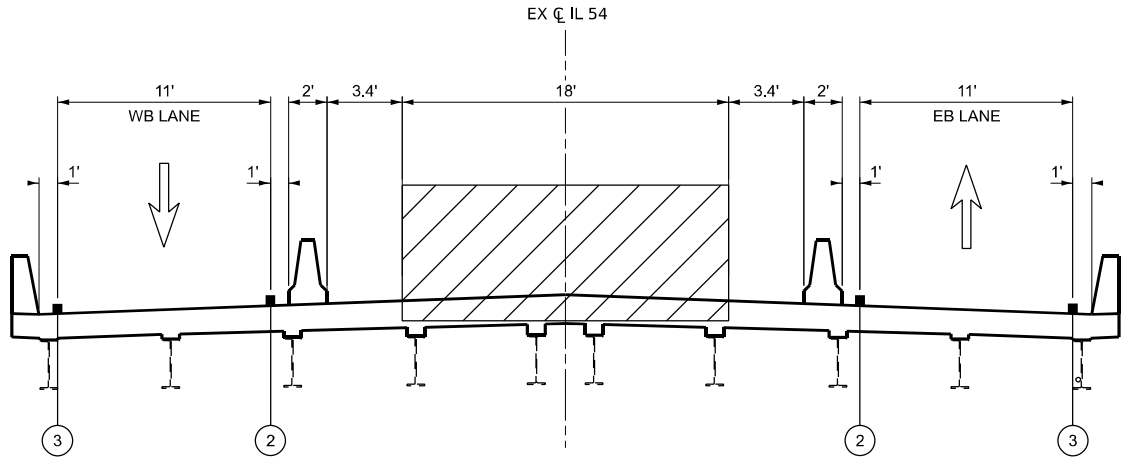
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	29
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

MODEL: MOT Typicals-1 [Sheet]
FILE NAME: Q:\2022R3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-51t-staging-typical.dgn



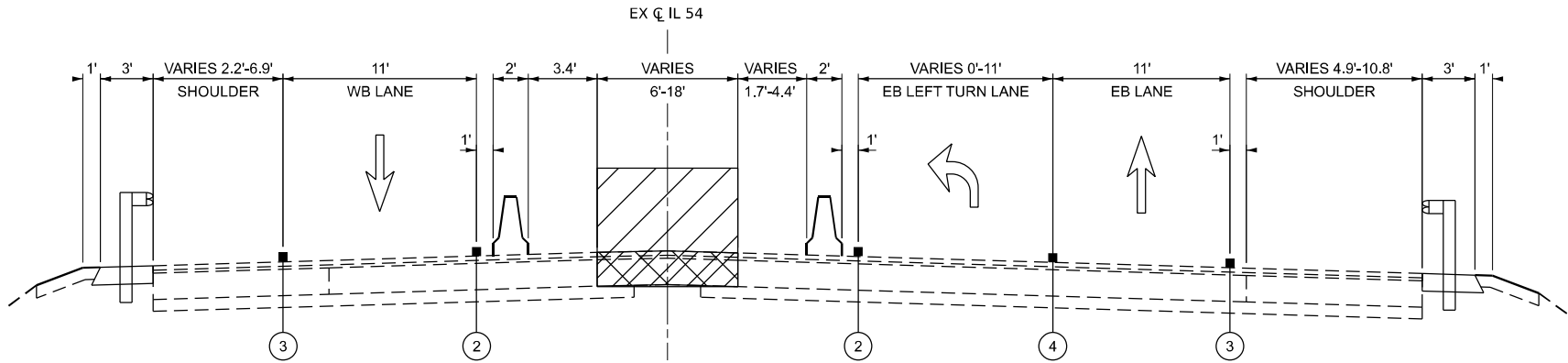
IL 54 TYPICAL SECTION STAGE 3

STA 26+13.31 TO STA 28+60.00
(FACING EAST)



IL 54 TYPICAL SECTION STAGE 3

STA 28+60.00 TO STA 31+40.00
(FACING EAST)



IL 54 TYPICAL SECTION STAGE 3

STA 31+40.00 TO STA 33+86.31
(FACING EAST)

LEGEND

- TEMPORARY CONCRETE BARRIER
- TEMPORARY CONCRETE BARRIER PINNED ON TRAFFIC SIDE
- TUBULAR MARKER
- 1 TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (DOUBLE YELLOW)
- 2 TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID YELLOW)
- 3 TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID WHITE)
- 4 TEMPORARY PAVEMENT MARKING - LINE 8" - TAPE TYPE IV (SOLID WHITE)
- WORK AREA
- TEMPORARY PAVEMENT

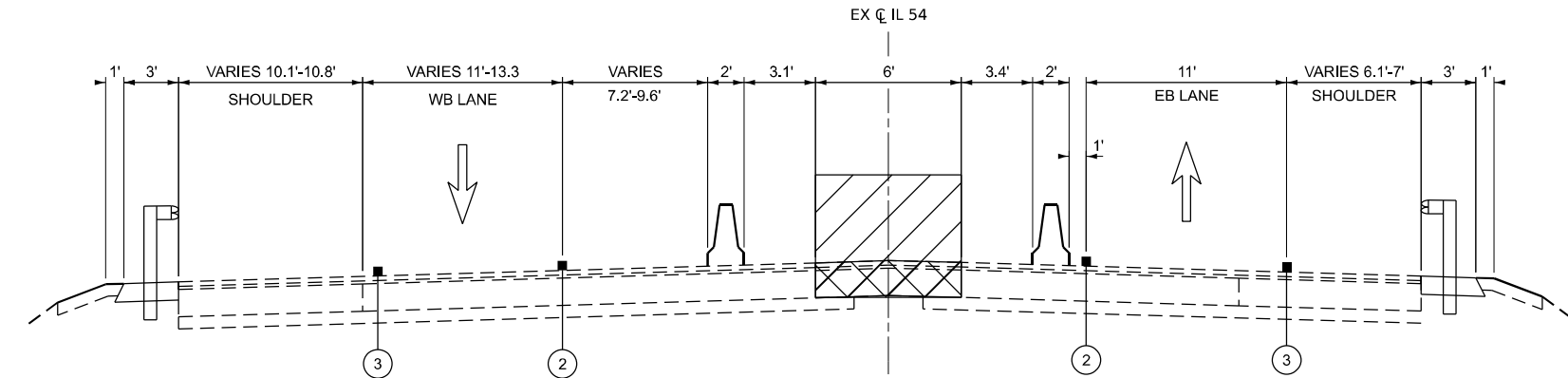
NOTES:

- TEMPORARY PAVEMENT CONSISTS OF:
 - HOT-MIX ASPHALT PAVEMENT, 10"
 - AGGREGATE BASE COURSE, 4"

USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

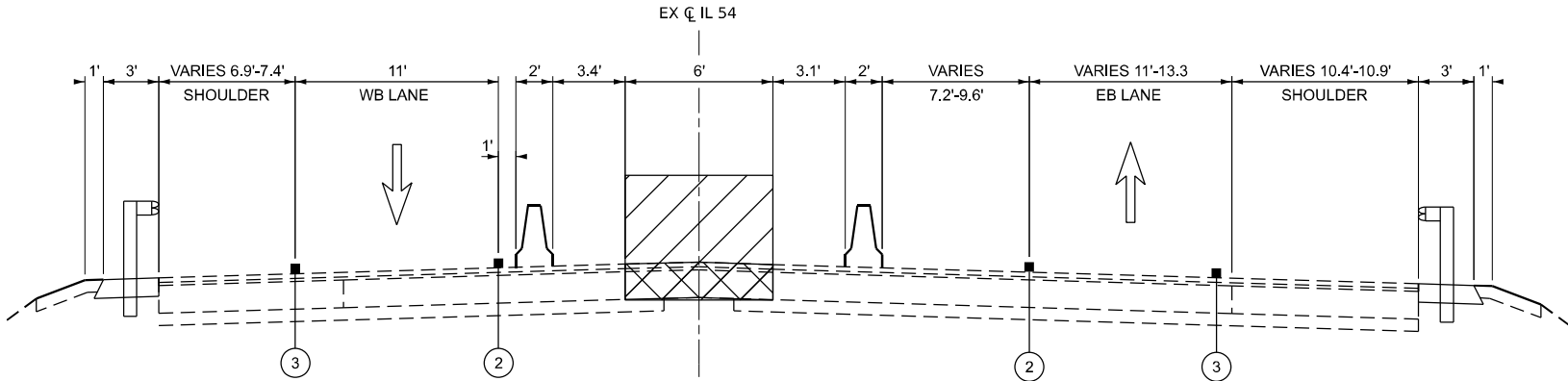
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(3B-5HB-4)BDR	IROQUOIS	81	30
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

MODEL: MOT Typicals-2 [Sheet]
FILE NAME: Q:\2022\23\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-shr-staging-typical.dgn



IL 54 TYPICAL SECTION STAGE 3A

STA 24+25.84 TO STA 26+13.31
(FACING EAST)



IL 54 TYPICAL SECTION STAGE 3A

STA 33+86.31 TO STA 35+72.99
(FACING EAST)

LEGEND

-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY CONCRETE BARRIER PINNED ON TRAFFIC SIDE
-  TUBULAR MARKER
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (DOUBLE YELLOW)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID YELLOW)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 8" - TAPE TYPE IV (SOLID WHITE)
-  WORK AREA
-  TEMPORARY PAVEMENT

NOTES:

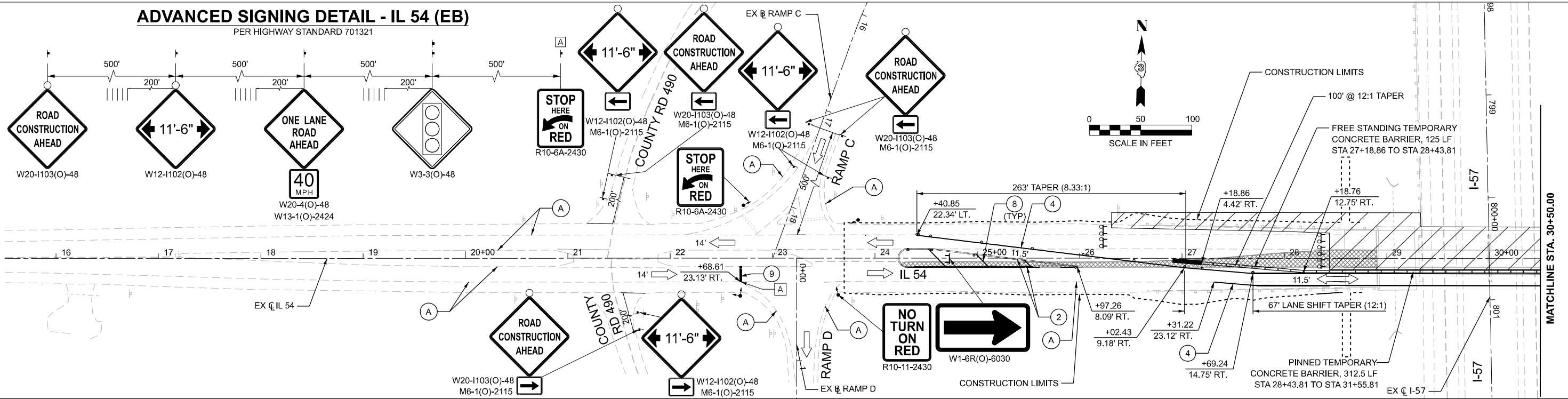
- TEMPORARY PAVEMENT CONSISTS OF:
 - HOT-MIX ASPHALT PAVEMENT, 10"
 - AGGREGATE BASE COURSE, 4"

USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/18/2025	DATE = 3/27/2025	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	31
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

ADVANCED SIGNING DETAIL - IL 54 (EB)

PER HIGHWAY STANDARD 701321



LEGEND

	WORK AREA		DIRECTION OF TRAVEL		VERTICAL PANEL AT 25' C-C SPACING
	TEMPORARY PAVEMENT (FROM PREVIOUS STAGE)		IMPACT ATTENUATOR		TRAFFIC SIGNAL
	COMPLETED WORK		TEMPORARY CONCRETE BARRIER		EXISTING PAVEMENT MARKING
	TYPE III BARRICADE W/ FLASHING LIGHTS		PAVEMENT MARKING PLACED IN PREVIOUS STAGE		TEMPORARY RUMBLE STRIP
	SIGN				

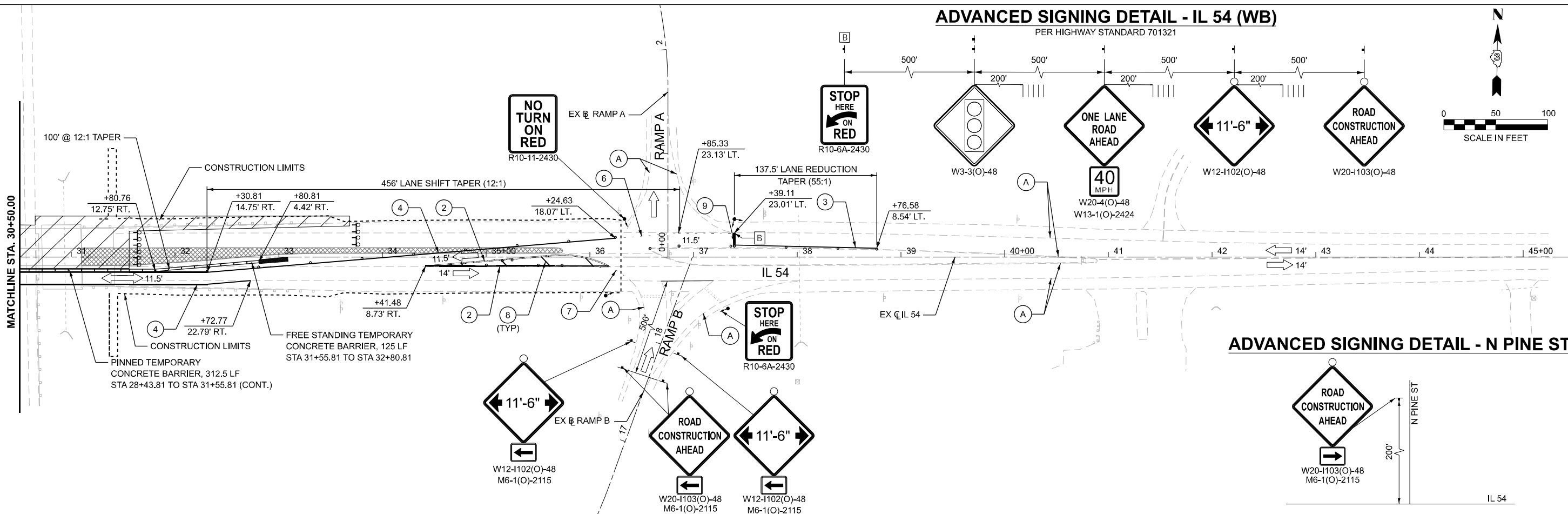
1	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)
2	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (DOUBLE YELLOW)
3	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)
5	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (SOLID WHITE)
6	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP)
7	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)
8	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 30' SPACING)
9	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)

NOTES

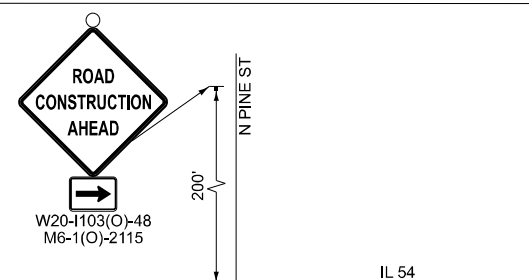
- LIGHTS SHALL BE USED ON DRUMS AS REQUIRED IN TAPERS.

ADVANCED SIGNING DETAIL - IL 54 (WB)

PER HIGHWAY STANDARD 701321



ADVANCED SIGNING DETAIL - N PINE ST



EFK Moen
Civil Engineering Design

USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
STAGING PLAN - STAGE 1

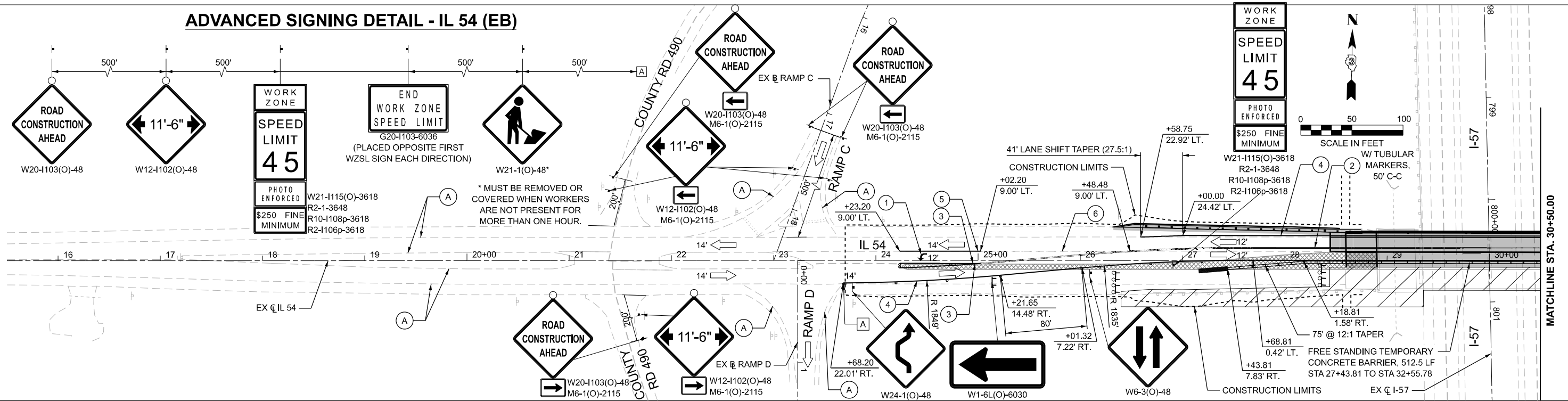
SCALE: 1"=50' SHEET 5 OF 9 SHEETS STA. 15+00.00 TO STA. 45+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	32

ILLINOIS FED. AID PROJECT

MODEL - Stage 1 (Sheet)
FILE NAME - C:\2022\3\DOTCAD CONNECT\240602 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\3\66F94-511-staging-1.dgn

ADVANCED SIGNING DETAIL - IL 54 (EB)

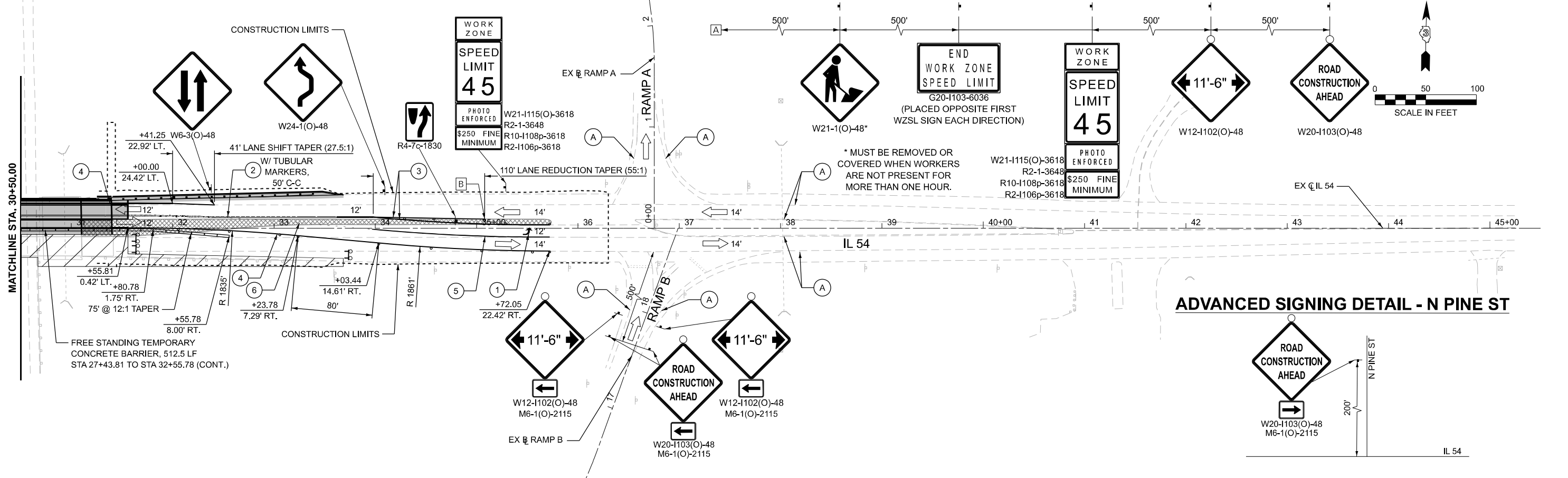


LEGEND

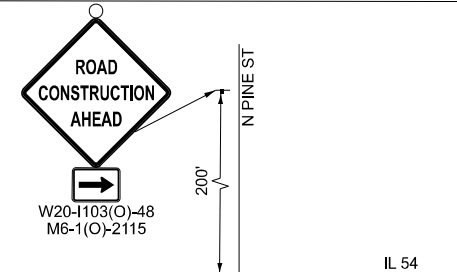
	WORK AREA		DIRECTION OF TRAVEL		VERTICAL PANEL AT 25' C-C SPACING
	TEMPORARY PAVEMENT (FROM PREVIOUS STAGE)		IMPACT ATTENUATOR		TRAFFIC SIGNAL
	COMPLETED WORK		TEMPORARY CONCRETE BARRIER		EXISTING PAVEMENT MARKING
	TYPE III BARRICADE W/ FLASHING LIGHTS		TEMPORARY RUMBLE STRIP		PAVEMENT MARKING PLACED IN PREVIOUS STAGE
	SIGN				

- | | | |
|---|---|--|
| <p>1 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)</p> <p>2 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (DOUBLE YELLOW)</p> <p>3 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)</p> <p>4 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)</p> | <p>5 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (SOLID WHITE)</p> <p>6 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP)</p> <p>7 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)</p> <p>8 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 30' SPACING)</p> | <p>9 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)</p> <p>NOTES</p> <p>1. LIGHTS SHALL BE USED ON DRUMS AS REQUIRED IN TAPERS.</p> |
|---|---|--|

ADVANCED SIGNING DETAIL - IL 54 (WB)



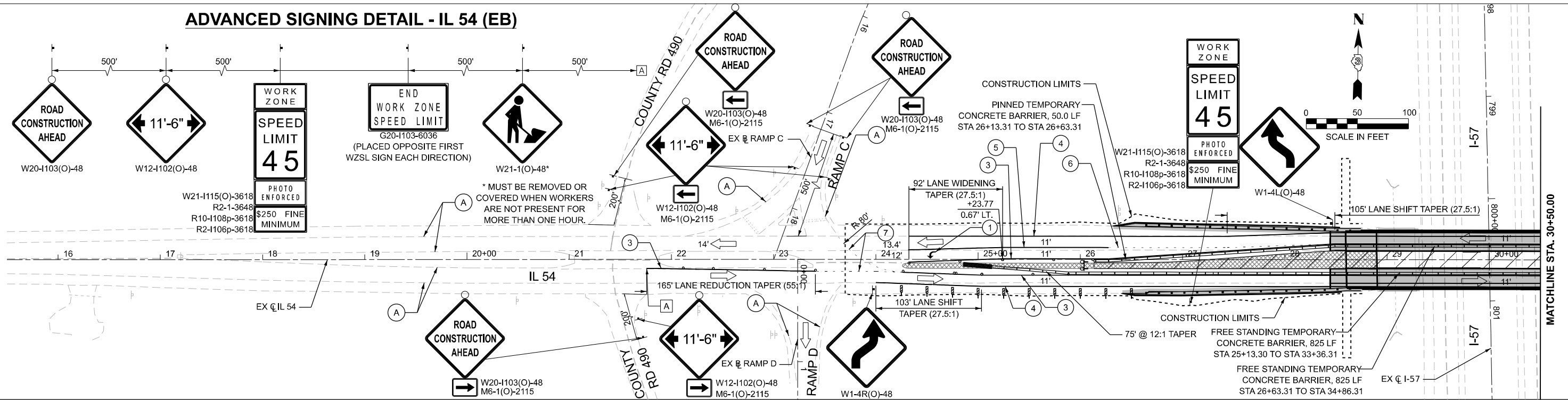
ADVANCED SIGNING DETAIL - N PINE ST



USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	33
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

ADVANCED SIGNING DETAIL - IL 54 (EB)



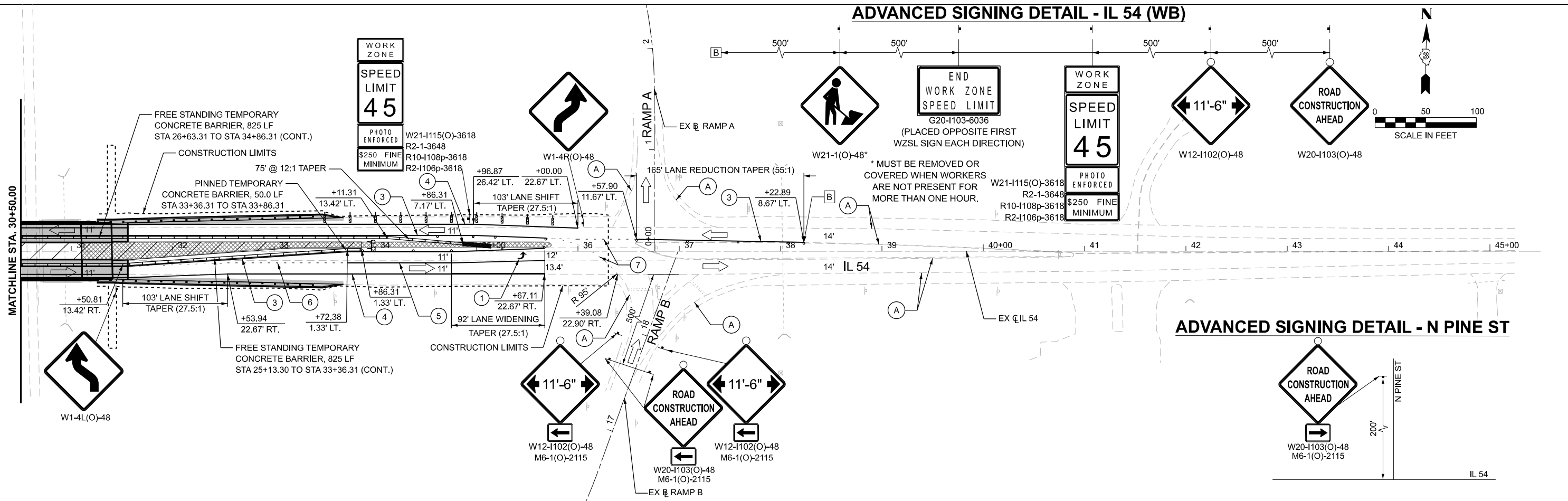
LEGEND

	WORK AREA		DIRECTION OF TRAVEL		1 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE)		9 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TEMPORARY PAVEMENT (FROM PREVIOUS STAGE)		IMPACT ATTENUATOR		2 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (DOUBLE YELLOW)		6 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP)
	COMPLETED WORK		TEMPORARY CONCRETE BARRIER		3 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		7 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)
	TYPE III BARRICADE W/ FLASHING LIGHTS		TEMPORARY RUMBLE STRIP		4 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		8 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 30' SPACING)
	SIGN		VERTICAL PANEL AT 25' C-C SPACING		TRAFFIC SIGNAL		
			EXISTING PAVEMENT MARKING				
			PAVEMENT MARKING PLACED IN PREVIOUS STAGE				
			DRUMS OR TYPE II BARRICADE SPACED AT - 50' C-C ON TANGENTS - 20' C-C IN TAPERS - 10' C-C IN RADII (SEE NOTE 1)				

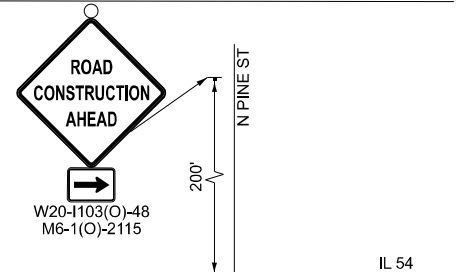
NOTES

1. LIGHTS SHALL BE USED ON DRUMS AS REQUIRED IN TAPERS.

ADVANCED SIGNING DETAIL - IL 54 (WB)



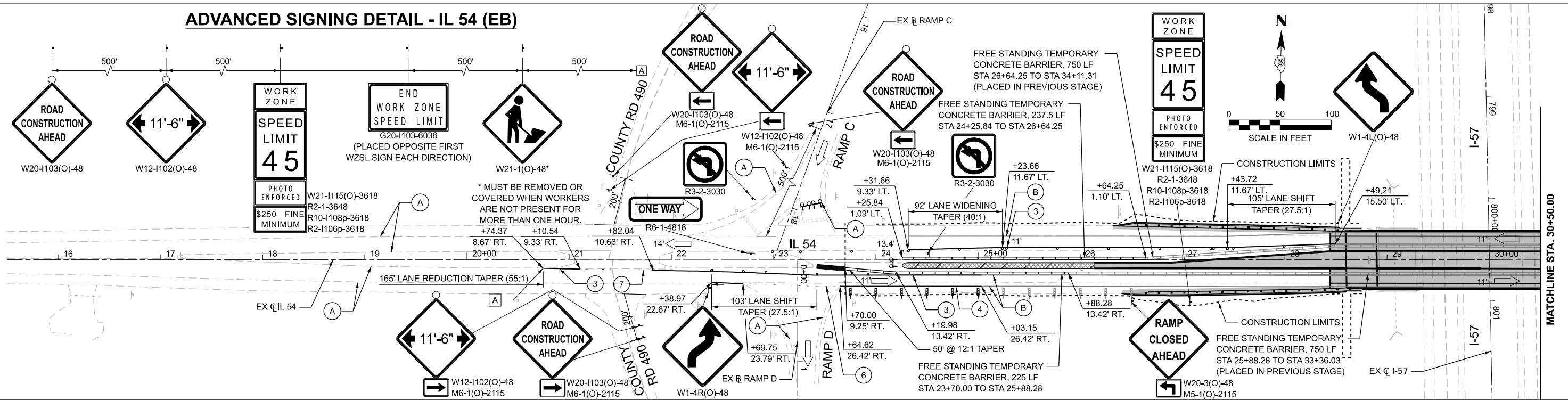
ADVANCED SIGNING DETAIL - N PINE ST



USER NAME	= sklerplec	DESIGNED	- SK	REVISED	-
		DRAWN	- SK	REVISED	-
		CHECKED	- JH	REVISED	-
PLOT DATE	= 3/25/2025	DATE	= 3/27/2025	REVISED	-

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	34
				CONTRACT NO. 66F94
		ILLINOIS	FED. AID PROJECT	

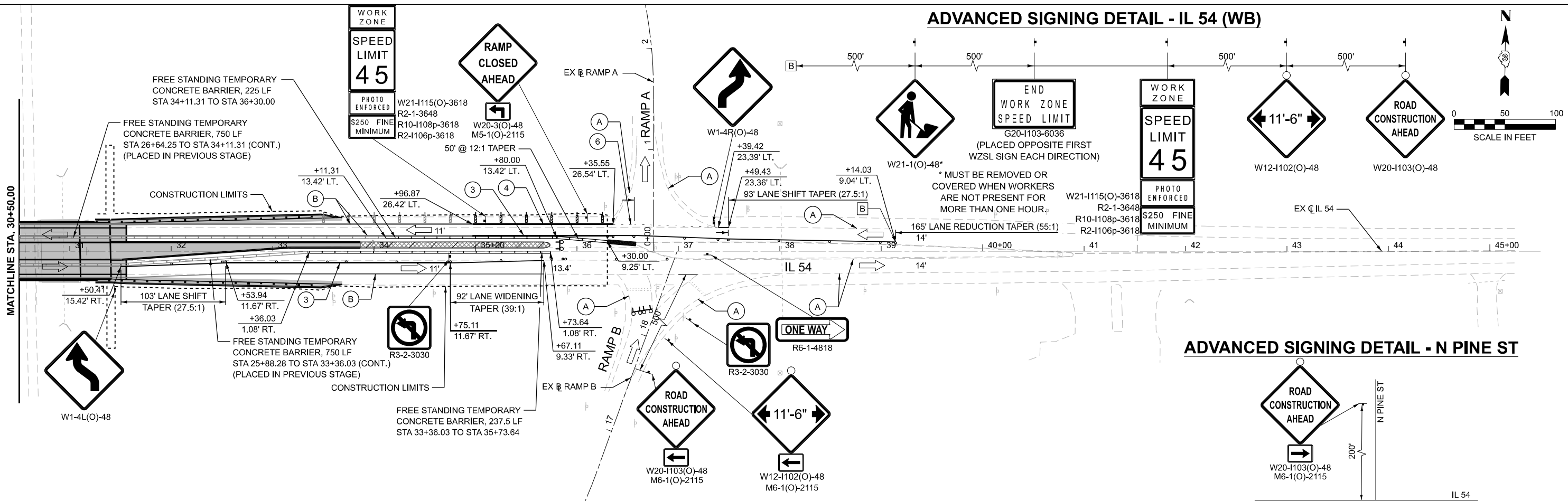
ADVANCED SIGNING DETAIL - IL 54 (EB)



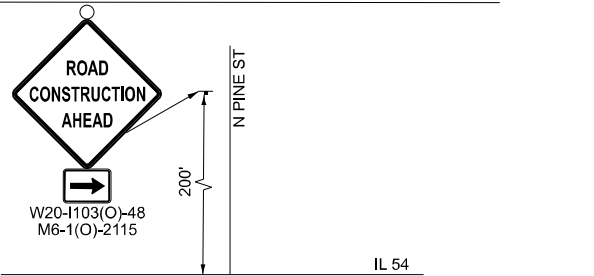
LEGEND

- | | | | | | | |
|---|---|--|---|--|--|--|
| <ul style="list-style-type: none"> WORK AREA TEMPORARY PAVEMENT (FROM PREVIOUS STAGE) COMPLETED WORK | <ul style="list-style-type: none"> DRUMS OR TYPE II BARRICADE SPACED AT: <ul style="list-style-type: none"> - 50' C-C ON TANGENTS - 20' C-C IN TAPERS - 10' C-C IN RADII (SEE NOTE 1) TYPE III BARRICADE W/ FLASHING LIGHTS SIGN | <ul style="list-style-type: none"> DIRECTION OF TRAVEL IMPACT ATTENUATOR TEMPORARY CONCRETE BARRIER TEMPORARY RUMBLE STRIP | <ul style="list-style-type: none"> VERTICAL PANEL AT 25' C-C SPACING TRAFFIC SIGNAL EXISTING PAVEMENT MARKING (A) PAVEMENT MARKING PLACED IN PREVIOUS STAGE (B) | <ul style="list-style-type: none"> 1 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE) 2 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (DOUBLE YELLOW) 3 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW) 4 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE) | <ul style="list-style-type: none"> 5 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (SOLID WHITE) 6 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP) 7 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP) 8 TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 30' SPACING) | <p>NOTES</p> <ol style="list-style-type: none"> LIGHTS SHALL BE USED ON DRUMS AS REQUIRED IN TAPERS. |
|---|---|--|---|--|--|--|

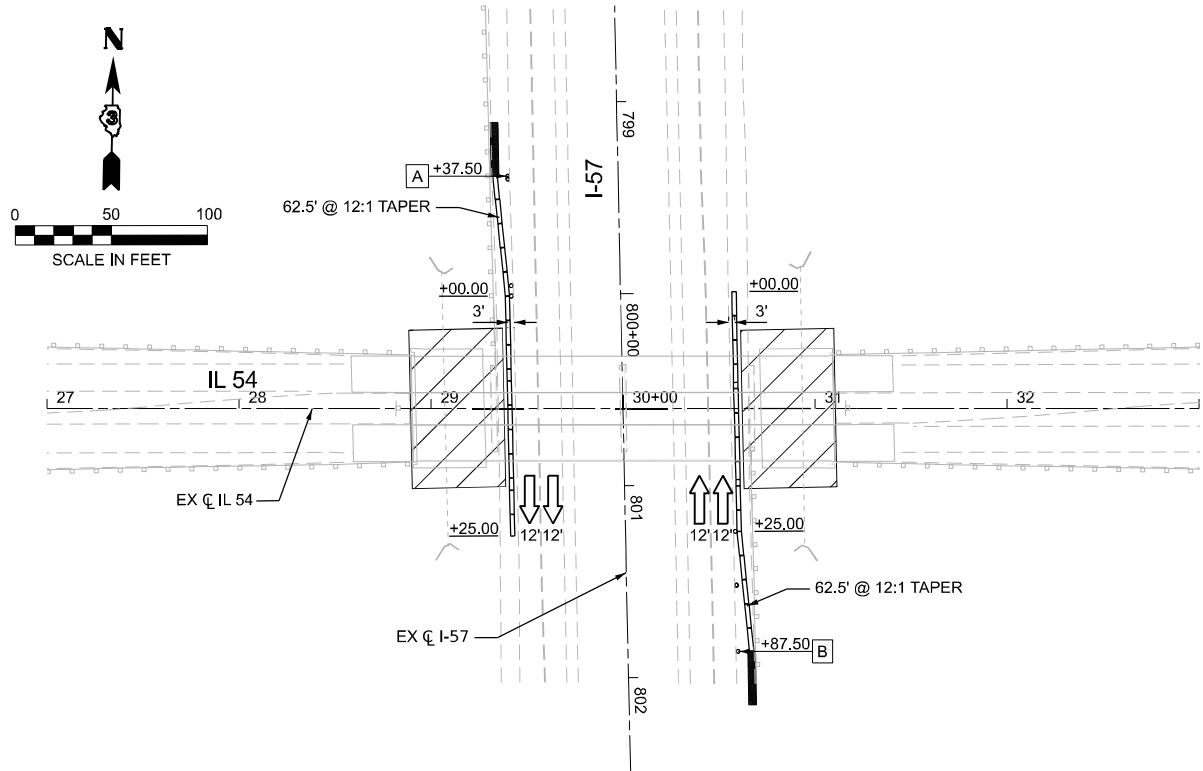
ADVANCED SIGNING DETAIL - IL 54 (WB)



ADVANCED SIGNING DETAIL - N PINE ST



OUTSIDE SHOULDER CLOSURE DETAIL



LEGEND



WORK AREA



DRUMS SPACED AT 50' C-C



DIRECTION OF TRAVEL



IMPACT ATTENUATOR

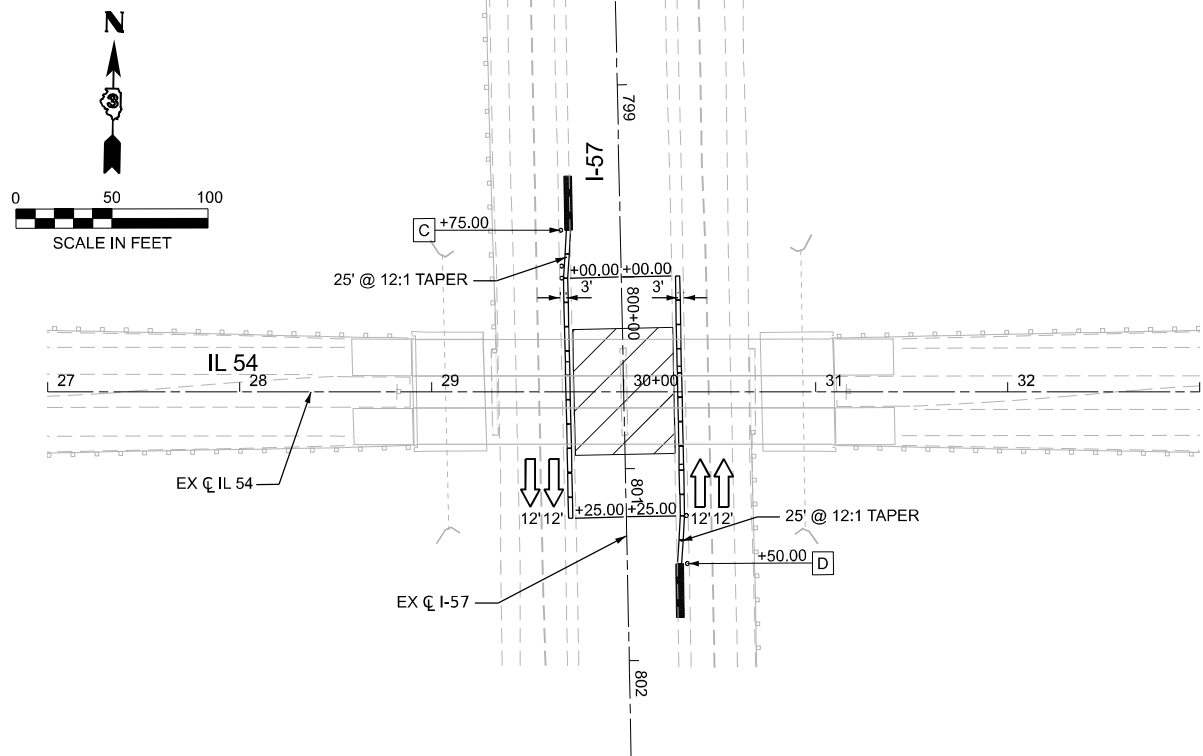


TEMPORARY CONCRETE BARRIER

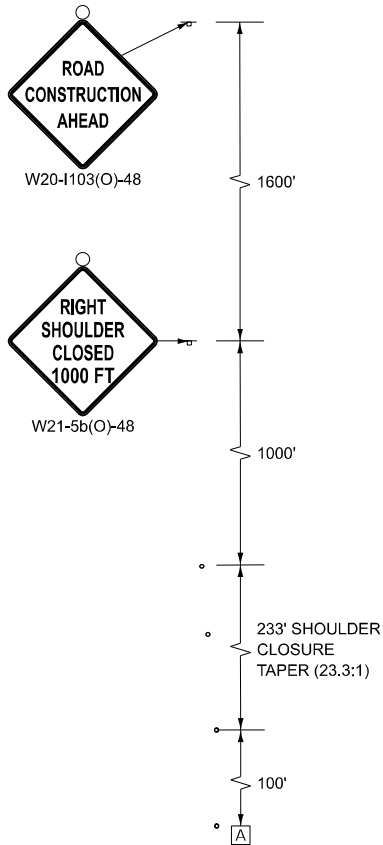


SIGN

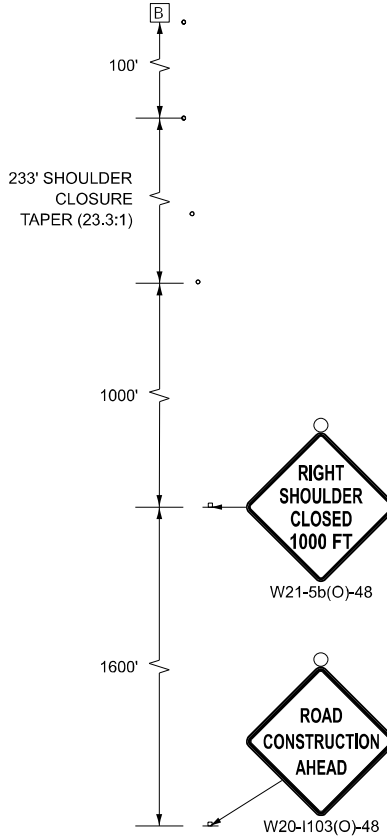
INSIDE SHOULDER CLOSURE DETAIL



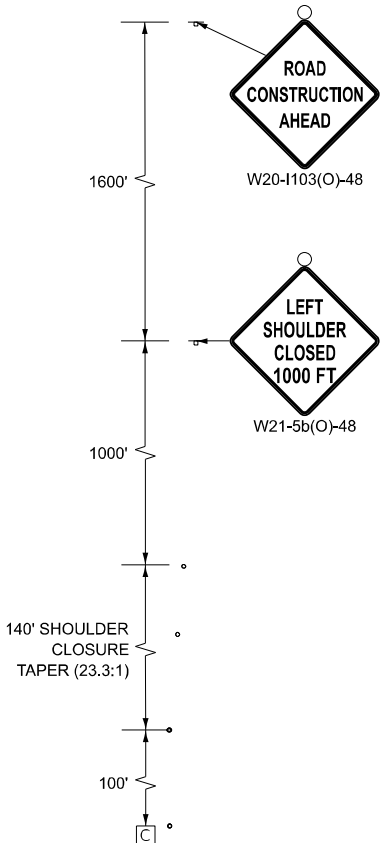
ADVANCED SIGNING DETAIL - I-57 (SB)



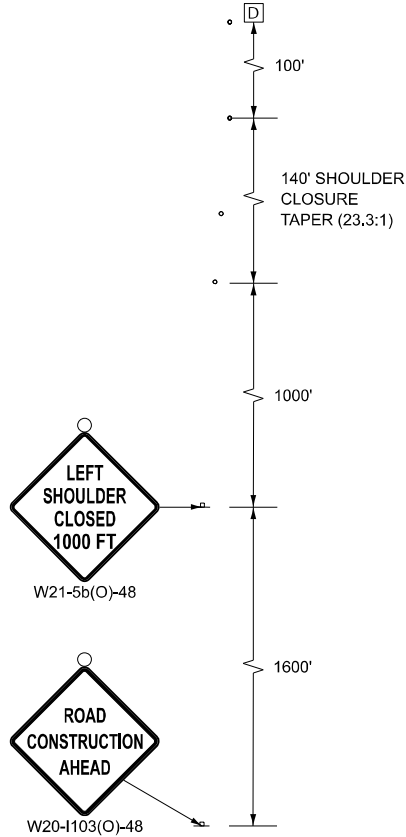
ADVANCED SIGNING DETAIL - I-57 (NB)



ADVANCED SIGNING DETAIL - I-57 (SB)



ADVANCED SIGNING DETAIL - I-57 (NB)



MODEL: EXCL_US54 - Staging I57 [Sheet]
FILE NAME: O:\2022\23\DOTCAD CONNECT\24006.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sh1-staging-I57.dgn

EFK•Moen
Civil Engineering Design

USER NAME = sklerplec
PLOT DATE = 3/25/2025

DESIGNED - SK
DRAWN - SK
CHECKED - JH
DATE - 3/27/2025

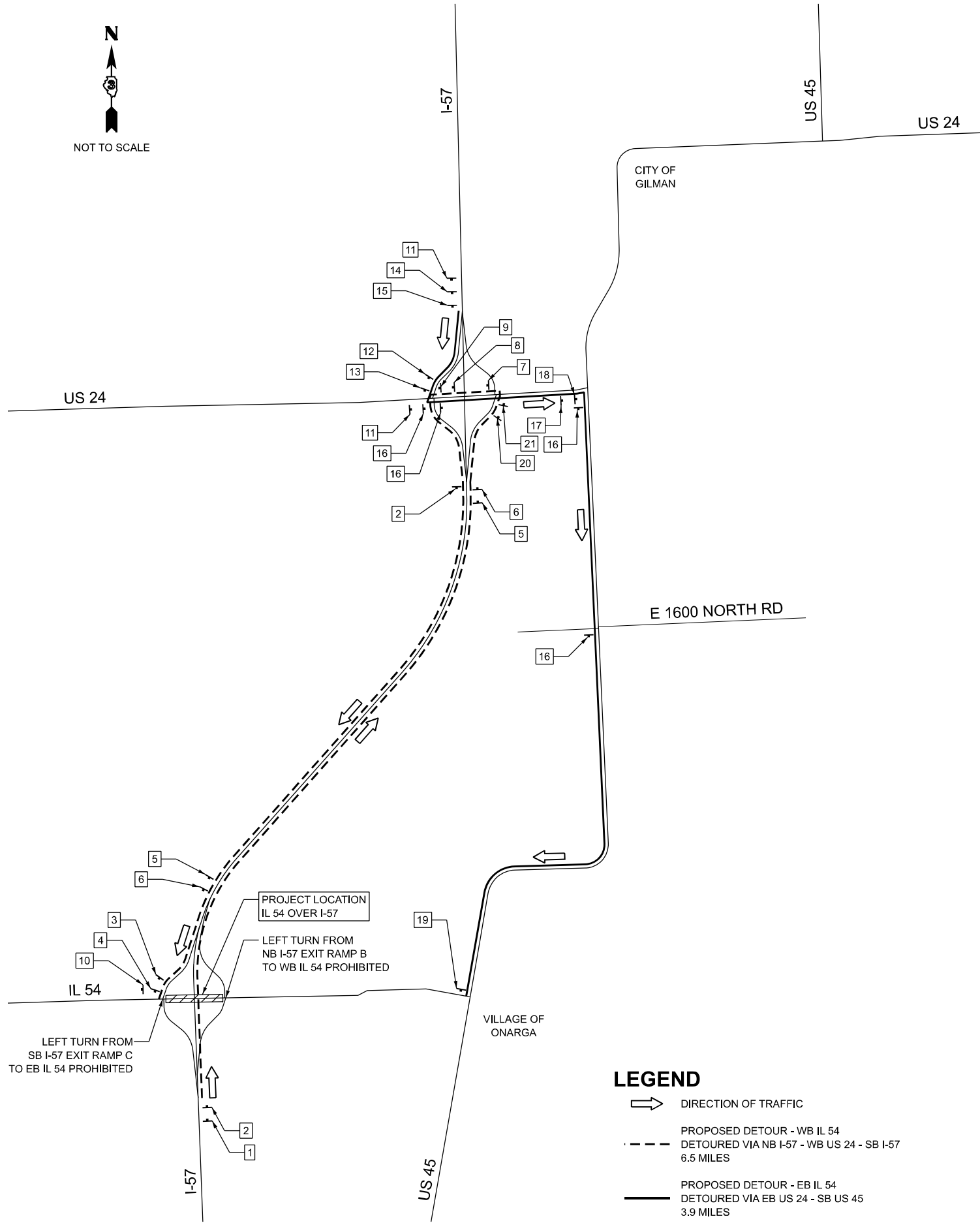
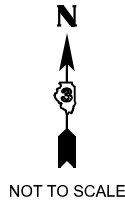
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
STAGING PLAN - I-57 SHOULDER CLOSURES

SCALE: 1"=50' SHEET 9 OF 9 SHEETS STA. 26+00.00 TO STA. 41+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	36
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



LEGEND

- DIRECTION OF TRAFFIC
- PROPOSED DETOUR - WB IL 54
DETOURED VIA NB I-57 - WB US 24 - SB I-57
6.5 MILES
- PROPOSED DETOUR - EB IL 54
DETOURED VIA EB US 24 - SB US 45
3.9 MILES

NOTES

- SIGNS DESIGNATED AS (O) SHALL HAVE FLUORESCENT ORANGE SHEETING MATERIAL.
- COVER EXISTING CONFLICTING SIGNS. DO NOT PLACE TAPE OR DRILL INTO THE FACE OF THE SIGN WHEN COVERING.

1

DETOUR AHEAD

WEST

ILLINOIS 54

W20-2-4848(O)
(W/ AMBER FLASHING BEACON)

M3-4P-3618(O)

M1-1100-3636

2

DETOUR WEST

ILLINOIS 54

↑

M4-8P-3015(O)

M3-4P-3618(O)

M1-1100-3636

M6-3P-3021(O)

3

DETOUR WEST

ILLINOIS 54

↗

M4-8P-3015(O)

M3-4P-3618(O)

M1-1100-3636

M5-1P-3021(O)

4

DETOUR WEST

ILLINOIS 54

→

M4-8P-3015(O)

M3-4P-3618(O)

M1-1100-3636

M6-1P-3021(O)

5

DETOUR WEST

ILLINOIS 54

↖

M4-8P-3015(O)

M3-4P-3618(O)

M1-1100-3636

M5-2P-3021(O)

6

DETOUR WEST

ILLINOIS 54

↗

M4-8P-3015(O)

M3-4P-3618(O)

M1-1100-3636

M6-2P-3021(O)

7

DETOUR WEST

ILLINOIS 54

↑

M4-8P-2412(O)

M3-4P-2412(O)

M1-1100-2424

M6-3P-2115(O)

8

DETOUR WEST

ILLINOIS 54

↖

M4-8P-2412(O)

M3-4P-2412(O)

M1-1100-2424

M5-1P-2115(O)

9

DETOUR WEST

ILLINOIS 54

←

M4-8P-2412(O)

M3-4P-2412(O)

M1-1100-2424

M6-1P-2115(O)

10

END DETOUR WEST

ILLINOIS 54

M4-8a-2418(O)

M3-4P-2412(O)

M1-1100-2424

11

DETOUR AHEAD

EAST

ILLINOIS 54

W20-2-4848(O)
(W/ AMBER FLASHING BEACON)

M3-2P-3618(O)

M1-1100-3636

12

DETOUR EAST

ILLINOIS 54

↖

M4-8P-3015(O)

M3-2P-3618(O)

M1-1100-3636

M5-1P-3021(O)

13

DETOUR EAST

ILLINOIS 54

←

M4-8P-3015(O)

M3-2P-3618(O)

M1-1100-3636

M6-1P-3021(O)

14

DETOUR EAST

ILLINOIS 54

↗

M4-8P-3015(O)

M3-2P-3618(O)

M1-1100-3636

M5-2P-3021(O)

15

DETOUR EAST

ILLINOIS 54

↗

M4-8P-3015(O)

M3-2P-3618(O)

M1-1100-3636

M6-2P-3021(O)

16

DETOUR EAST

ILLINOIS 54

↑

M4-8P-2412(O)

M3-2P-2412(O)

M1-1100-2424

M6-3P-2115(O)

17

DETOUR EAST

ILLINOIS 54

↗

M4-8P-2412(O)

M3-2P-2412(O)

M1-1100-2424

M5-1P-2115(O)

18

DETOUR EAST

ILLINOIS 54

→

M4-8P-2412(O)

M3-2P-2412(O)

M1-1100-2424

M6-1P-2115(O)

19

END DETOUR EAST

ILLINOIS 54

M4-8a-2418(O)

M3-2P-2412(O)

M1-1100-2424

20

DETOUR WEST

ILLINOIS 54

↖

M4-8P-3015(O)

M3-4P-3618(O)

M1-1100-3636

M5-1P-3021(O)

21

DETOUR WEST

ILLINOIS 54

←

M4-8P-3015(O)

M3-4P-3618(O)

M1-1100-3636

M6-1P-3021(O)

MODEL: Sheet [Sheet]
FILE NAME: C:\2022\3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-shit-staging-3A-a-detour.dgn

EFK•Moen
Civil Engineering Design

USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
STAGING PLAN - SUBSTAGE 3A DETOUR

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	37
CONTRACT NO. 66F94				
ILLINOIS		FED. AID PROJECT		

MODEL: EX_CL_US54 - Eros Plan (Sheet)
FILE NAME: C:\2022\23\DOTCAD CONNECT\24006.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sht-eros.dgn

EFK•Moen
Civil Engineering Design

USER NAME	= skierplec
PLOT DATE	= 3/26/2025

DESIGNED -	SK
DRAWN -	SK
CHECKED -	JH
DATE -	3/27/2025

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
EROSION AND SEDIMENT CONTROL PLAN

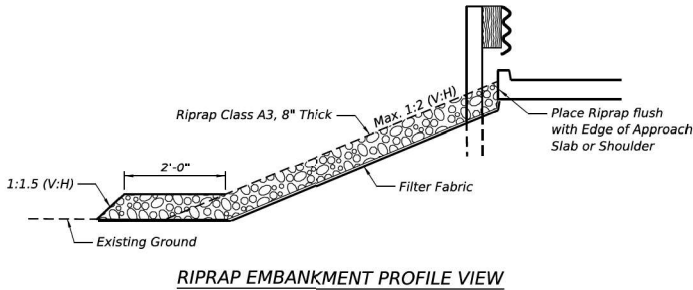
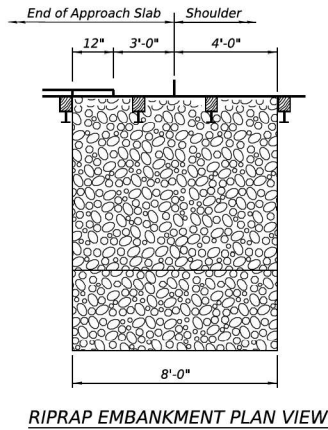
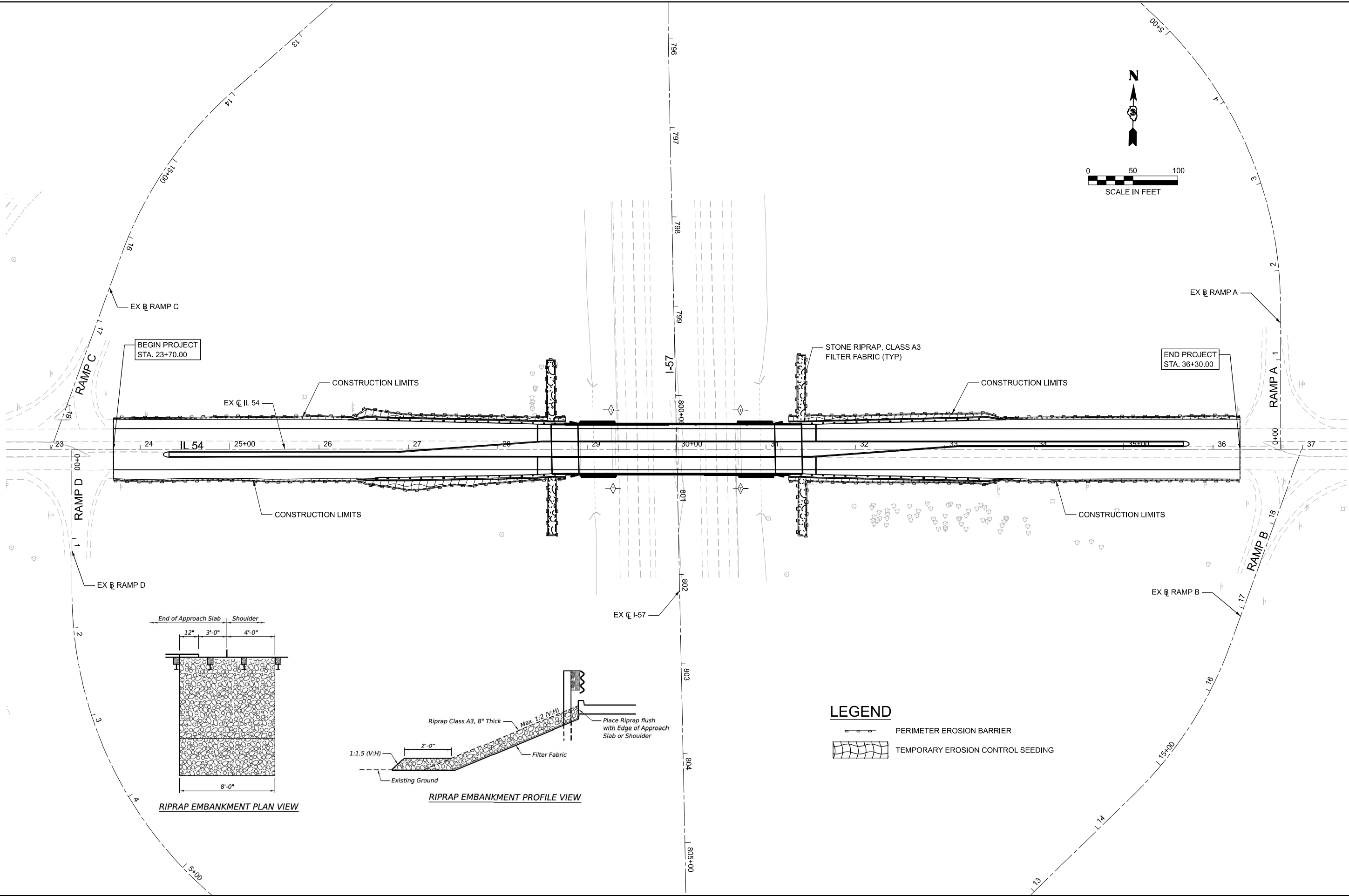
SCALE: 1"=50'

SHEET 1 OF 1 SHEETS

STA. 22+50.00

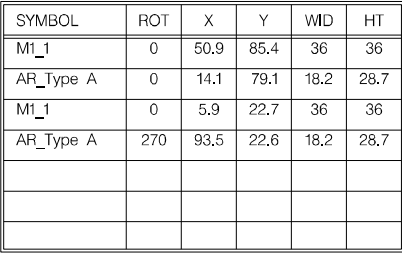
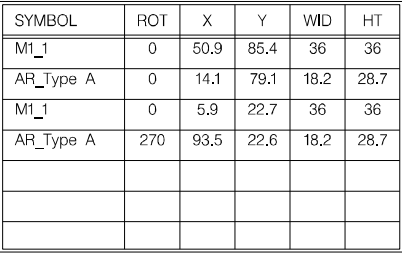
TO STA. 37+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	38
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING

[illegible][illegible]

MODEL: EX_CL_US54 - Landscape Plan (Sheet)
FILE NAME: C:\2022\23\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-sht-landscp.dgn

EFK•Moen
Civil Engineering Design

USER NAME	= sklerplec
PLOT DATE	= 3/25/2025

DESIGNED -	SK
DRAWN -	SK
CHECKED -	JH
DATE -	3/27/2025

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
LANDSCAPING PLAN

SCALE: 1"=50'

SHEET 1

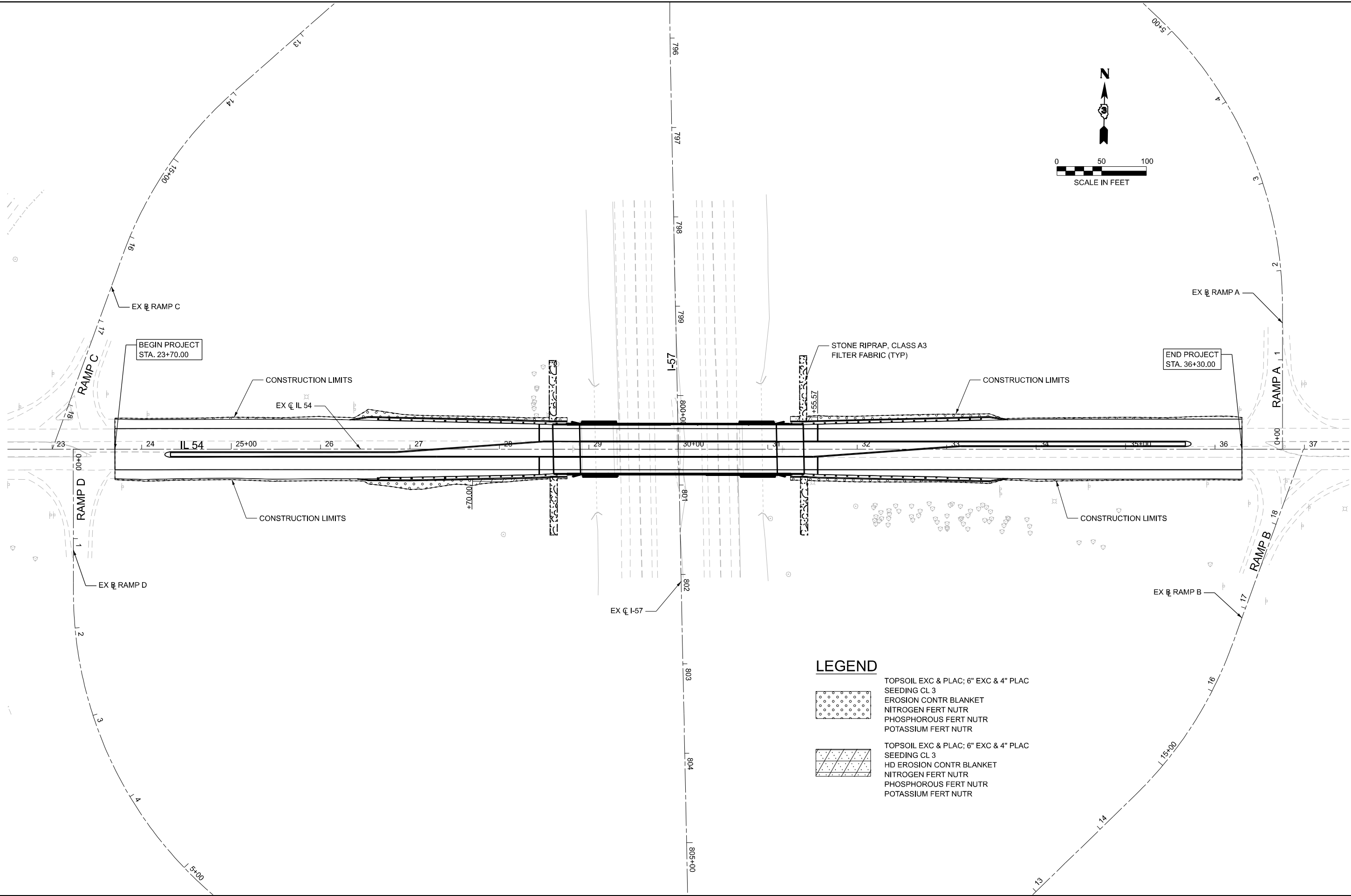
OF 1

SHEETS

STA. 22+50.00

TO STA. 37+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	41
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

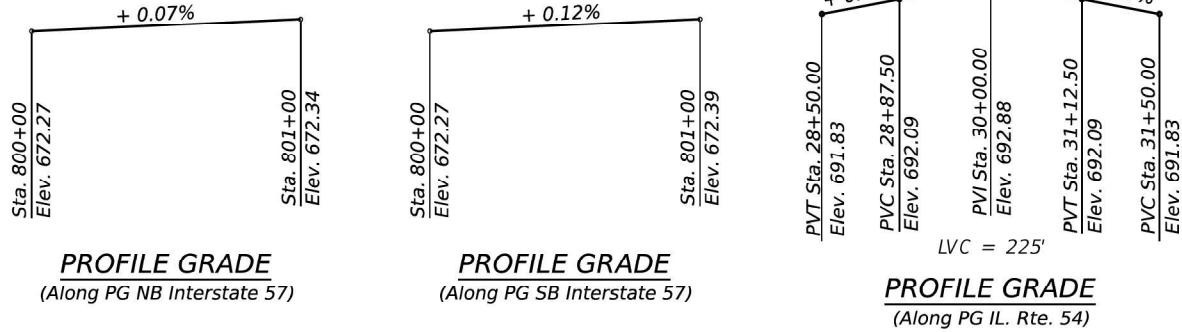


Benchmark:
BM 54-C, at top of R.O.W. Monument. Elevation = 670.71, I-57 Station
800+88, 129' RT.

Existing Structure:
SN 038-0048 was originally constructed in 1967 as F.A.I. Route 57, Section
38-5HB-4. The structure is a four-span bridge with steel wide flange beams.
It rests on multi-column piers and stub abutments supported by piles. The
overall length measures 222'-0" back-to-back of abutments with a 57'-8"
out-to-out width. An existing electrical conduit is attached to the south face
of the east abutment and extends along the south exterior beam where it
then travels along the backwall of the west abutment to the north face of
the west abutment and wingwall.

Staged construction will be used to maintain traffic.

No Salvage.



SCOPE OF WORK

1. Remove and replace existing concrete deck, parapets, median and approach slabs.
2. Install shear stud connectors in positive moment regions along beams.
3. Convert existing stub abutments to semi-integral configuration.
4. Reconfigure wingwalls to accommodate new semi-integral abutments.
5. Clean and paint bearings and beam ends under expansion joints.
6. Remove and replace slope walls.
7. Repair substructure units.
8. Modify crashwalls on piers.
9. Existing electrical conduit attached to interior face of south fascia beam and west abutment backwall to be de-energized during construction as needed or when work is performed in the vicinity of the conduit.

LOADING HS20-44
Allow 25#/sq. ft. for future wearing surface.

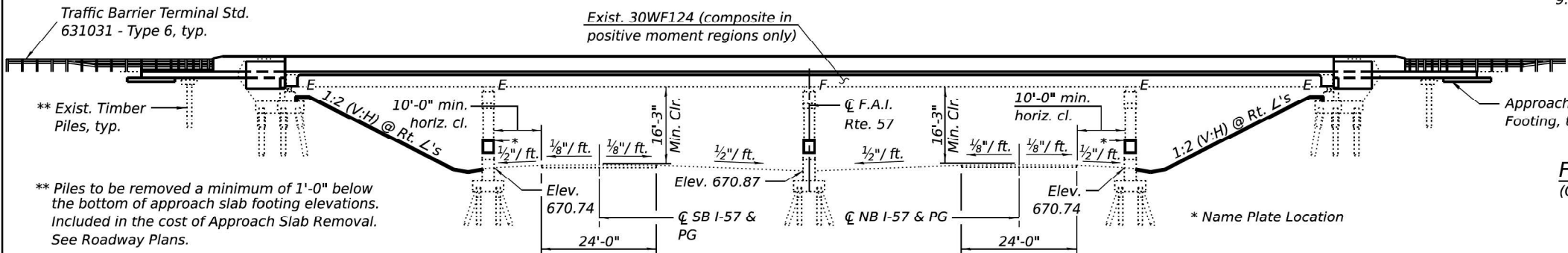
DESIGN SPECIFICATIONS
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

2006 Seismic Retrofitting Manual for Highway Structures: Part 1 - Bridges (FHWA-HRT-06-032)

SEISMIC DATA
Seismic Retrofit Category (SRC) = A
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.123g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.146g
Soil Site Class = D
Performance Level = Life Safety

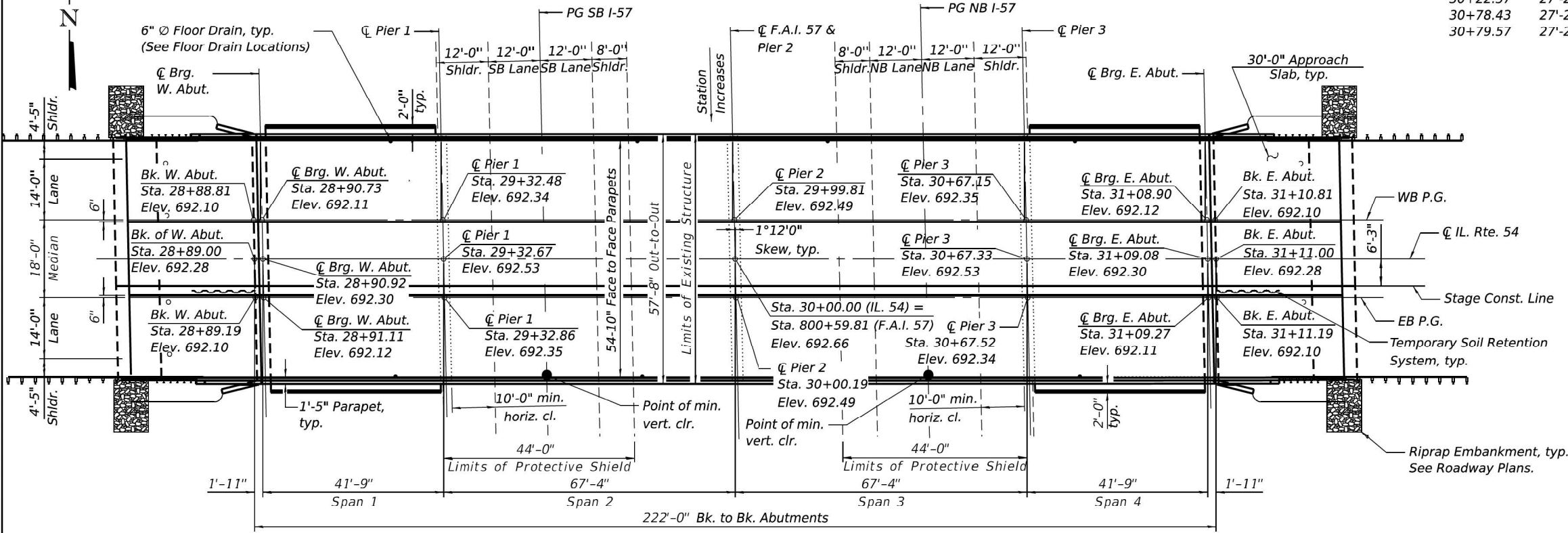
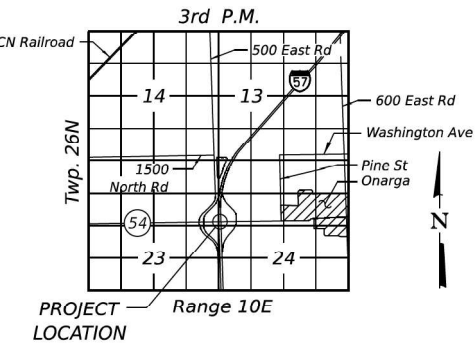
DESIGN STRESSES
FIELD UNITS (Existing Construction)
fc = 1,400 psi
fs = 20,000 psi (Reinforcement)
fs = 20,000 psi (Structural Steel) (ASTM A-36)

FIELD UNITS (New Construction)
fc = 4,000 psi (Superstructure)
fc = 3,500 psi (Substructure)
fy = 60,000 psi (Reinforcement)



FLOOR DRAIN LOCATIONS
(Offsets measured from C roadway)

Station	Offset
29+20.43	27'-2" Lt
29+21.57	27'-2" Rt
29+77.43	27'-2" Lt
29+78.57	27'-2" Rt
30+21.43	27'-2" Lt
30+22.57	27'-2" Rt
30+78.43	27'-2" Lt
30+79.57	27'-2" Rt



LOCATION SKETCH

APPROVED
For Structural Adequacy Only
Andrew E. Underwager
Engineer of Bridges & Structures
Structural Engineer
HR Green, Inc.
Expires: 11/30/2026



GENERAL PLAN & ELEVATION
ILLINOIS ROUTE 54 OVER INTERSTATE 57
F.A.I. 57-SECTION (38-5HB-4)BDR
IROQUOIS COUNTY
STATION 30+00
STRUCTURE NO. 038-0048

MODEL: GPE [Sheet]
FILE NAME: \\hrgreen.com\hrg\proj\2023\2302696.02\CAD\Drawings\0380048-66F94-001-GPE.dgn
3/27/2025 11:13:17 AM

H3 HRGreen.com Illinois Professional Design Firm #154-001322	USER NAME = aunderw	DESIGNED - FS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHEET 1 OF 28 SHEETS	FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633' / in.	CHECKED - AEU	REVISED -			57	(38-5HB-4)BDR	IROQUOIS	81	42
	PLOT DATE = 3/27/2025	DRAWN - WJH	REVISED -							
	CHECKED - AEU	REVISED -								

GENERAL NOTES

1.

No field welding is permitted except as specified in the contract documents.
2.

Reinforcement bars designated (E) shall be epoxy coated.
3.

The Contractor shall test the existing welds by non-destructive methods within 2 ft. of the end of the existing cover plates for cracks after removal of the existing concrete deck. Dye penetrant (PT), magnetic particle (MT), or other approved testing method shall be performed by qualified personnel approved by the Engineer. If cracks are found, report them to the Bureau of Bridges & Structures for disposition. The cost of testing is included in Removal of Existing Concrete Deck. The cost of crack repair, if necessary, will be paid for according to Article 109.04 of the Standard Specifications.
4.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose detrimental foreign material shall be removed from the surfaces in contact with concrete (SSPC – SP3 standards). Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be paid for according to Article 109.04 of the Standard Specifications.
5.

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.
6.

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
7.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.
8.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for “Cleaning and Painting Existing Steel Structures”. All beams, bearings and other structural steel within 5 ft. minimum or as required to repair damaged coating measured from the end of the existing beams at the abutments, shall be cleaned per Near White Blast Cleaning – SSPC- SP10. The exterior surfaces and bottom of the bottom flange of the fascia beams shall be cleaned per Commercial Grade Power Tool Cleaning – SSPC-SP15.
9.

All concrete work is to be completed before painting the beam ends.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding ¼ in. deep shall be identified and reported to the Bureau of Bridges & Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

The designated areas cleaned per Near White Blast Cleaning and per Commercial Grade Power Tool Cleaning shall be painted according to the requirements of Organic Zinc-Rich/Epoxy/Urethane paint system. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4.

* Included in the cost of Pipe Underdrains for Structures.

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL QUANTITY
Concrete Removal	Cu. Yd.		25	25
Slope Wall Removal	Sq. Yd.		665	665
Removal of Existing Concrete Deck	Each	1		1
Protective Shield	Sq. Yd.	525		525
Structure Excavation	Cu. Yd.		139	139
Floor Drains	Each	8		8
Concrete Structures	Cu. Yd.		47	47
Concrete Superstructure	Cu. Yd.	491.4		491.4
Bridge Deck Grooving	Sq. Yd.	1,059		1,059
Protective Coat	Sq. Yd.	1,970		1,970
Concrete Superstructure (Approach Slab)	Cu. Yd.	176.8		176.8
Stud Shear Connectors	Each	5,910		5,910
Reinforcement Bars, Epoxy Coated	Pound	161,445	8,585	170,030
Bar Splicers	Each	980		980
Slope Wall, 4 Inch	Sq. Yd.		665	665
Name Plates	Each	2		2
Temporary Soil Retention System	Sq. Ft.		85	85
Granular Backfill for Structures	Cu. Yd.		138.5	138.5
Epoxy Crack Injection	Foot		192	192
Geocomposite Wall Drain	Sq. Yd.		66.0	66.0
Pipe Underdrains for Structures, 4"	Foot		125	125
Bar Terminators	Each	348		348
Containment and Disposal of Lead Paint Cleaning Residues No. 1	L. Sum	1		1
Cleaning and Painting Steel Bridge No. 1	L. Sum	1		1
Structural Repair of Concrete (Depth Equal or Less than 5")	Sq. Ft.		45	45

INDEX OF SHEETS

1.

General Plan & Elevation
2.

General Data
3.

Temporary Soil Retention System
4.

Stage Construction Details
5.

Temporary Concrete Barrier
- 6-9.

Top of Slab Elevations
- 10-11.

Top of Approach Slab Elevations
12.

Superstructure
13.

Superstructure Details
- 14-15.

Diaphragm Details
16.

Concrete Parapet Slipforming Option
- 17-18.

Bridge Approach Slab Details
19.

Structural Steel
20.

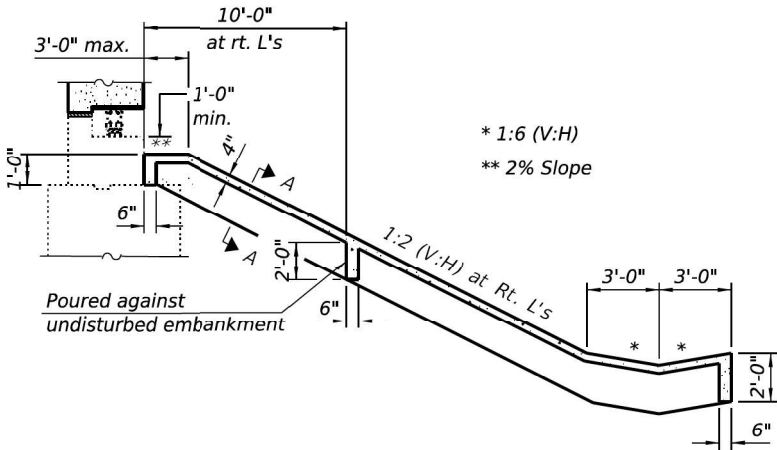
Structural Steel Details
- 21-22.

Abutment Removal & Repairs
- 23-24.

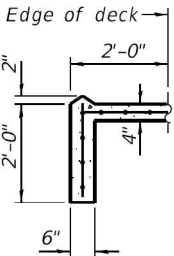
Abutment Details
- 25-27.

Pier Details
28.

Bar Splicer Assembly Details



SECTION THRU CONCRETE SLOPEWALL

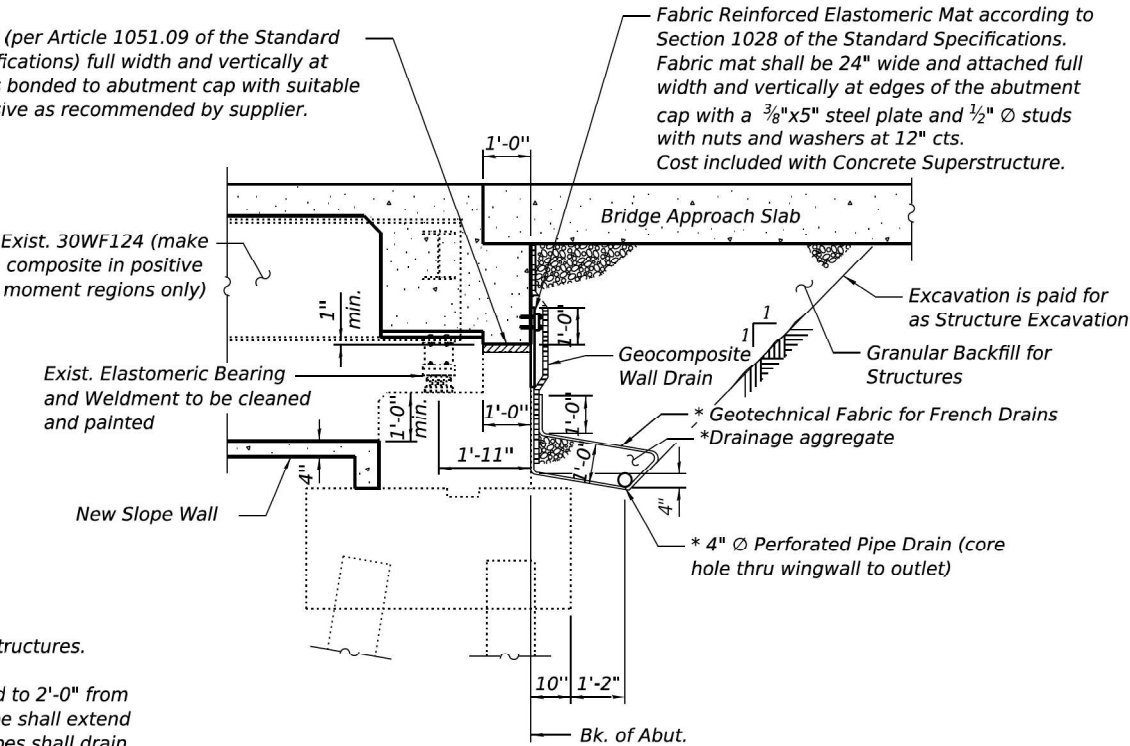


SECTION A-A

STA. 30+00.00
RE-BUILT 20__ BY
STATE OF ILLINOIS
F.A.I. 57 SEC. (38-5HB-4)BDR
LOADING HS-20
STR. NO. 038-0048

NAME PLATE
See Std. 515001

(2-Required, place next to existing name plates)



SECTION THRU SEMI-INTEGRAL ABUTMENT

(Horiz. dimensions @ Rt. L's)

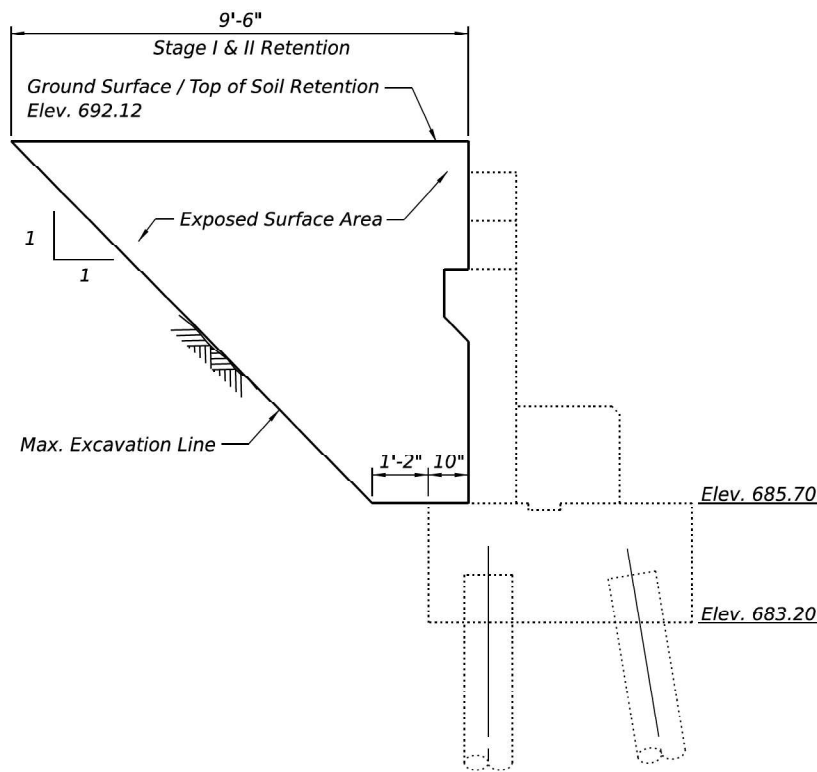
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 038-0048

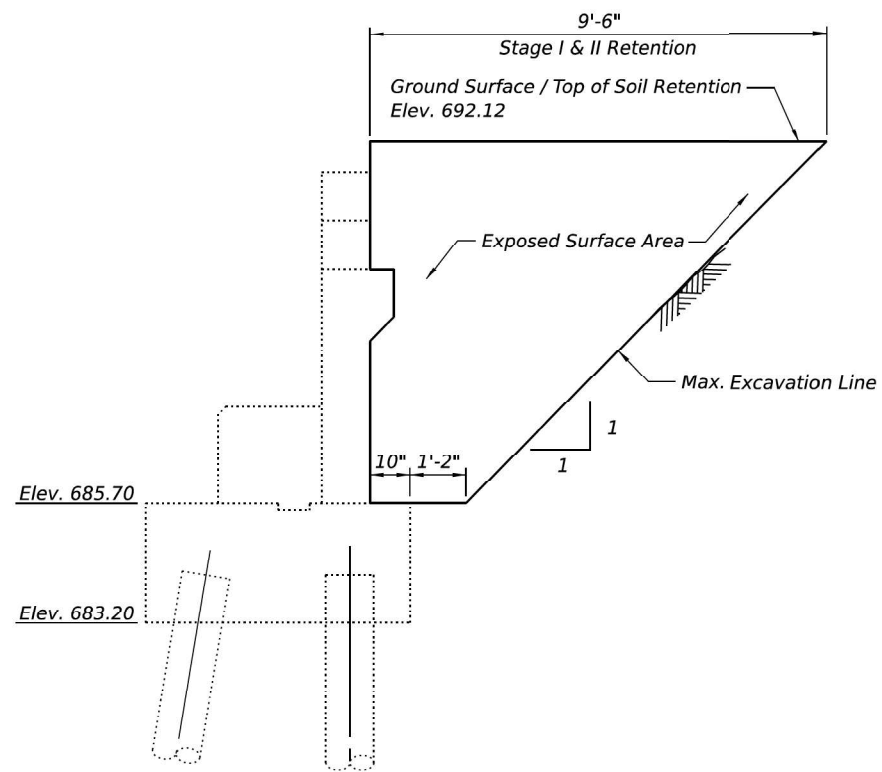
SHEET 2 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	43
			CONTRACT NO.	66F94
			ILLINOIS	FED. AID PROJECT

USER NAME = aunderw	DESIGNED - FS	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - AEU	REVISED -
PLOT DATE = 3/27/2025	DRAWN - WJH	REVISED -
	CHECKED - AEU	REVISED -



TEMPORARY SOIL RETENTION
WEST ABUTMENT
(Looking North)



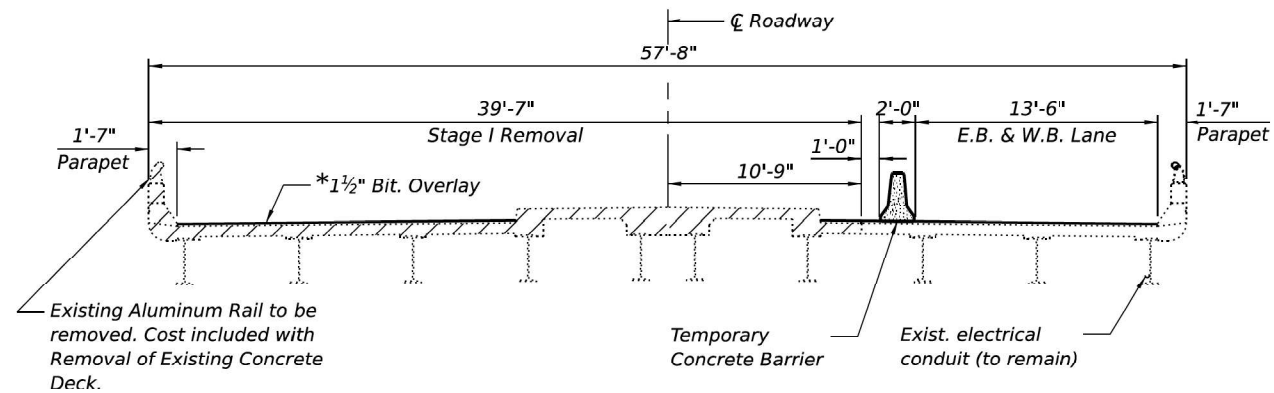
TEMPORARY SOIL RETENTION
EAST ABUTMENT
(Looking North)

NOTES:

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

MODEL: Temp-Soil [Sheet]
FILE NAME: \\hrgreen.com\hrg\Data\2023\2302696.02\CAD\Sheets\0380048-66F94-003-TempSheetPiling.dgn

 HRGreen.com Illinois Professional Design Firm # 194-001322	USER NAME = aunderw		DESIGNED - FS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY SOIL RETENTION SYSTEM STRUCTURE NO. 038-0048	SHEET 3 OF 28 SHEETS	FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - AEU		DRAWN - WJH	REVISED -				57	(38-5HB-4)BDR	IROQUOIS	81	44
	PLOT SCALE = 0.16666633' / in.		CHECKED - AEU	REVISED -				CONTRACT NO. 66F94				
	PLOT DATE = 3/27/2025							ILLINOIS FED. AID PROJECT				



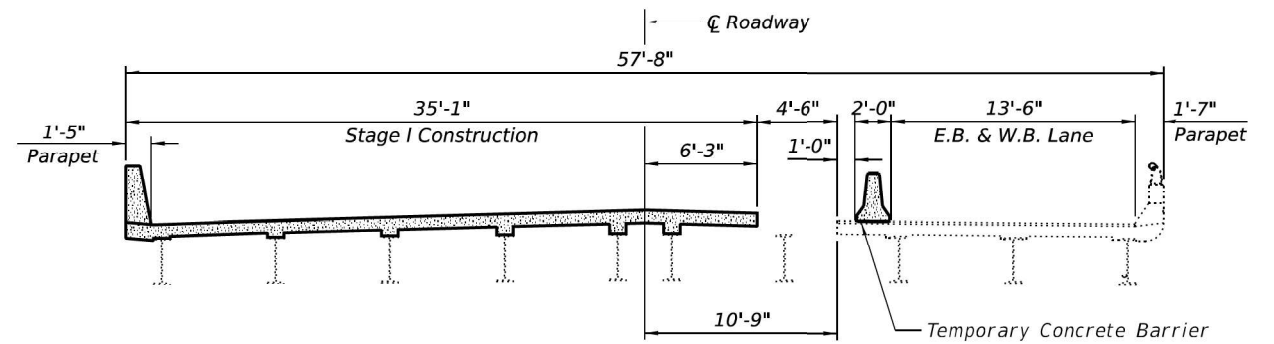
STAGE I REMOVAL
(Looking East)

LEGEND

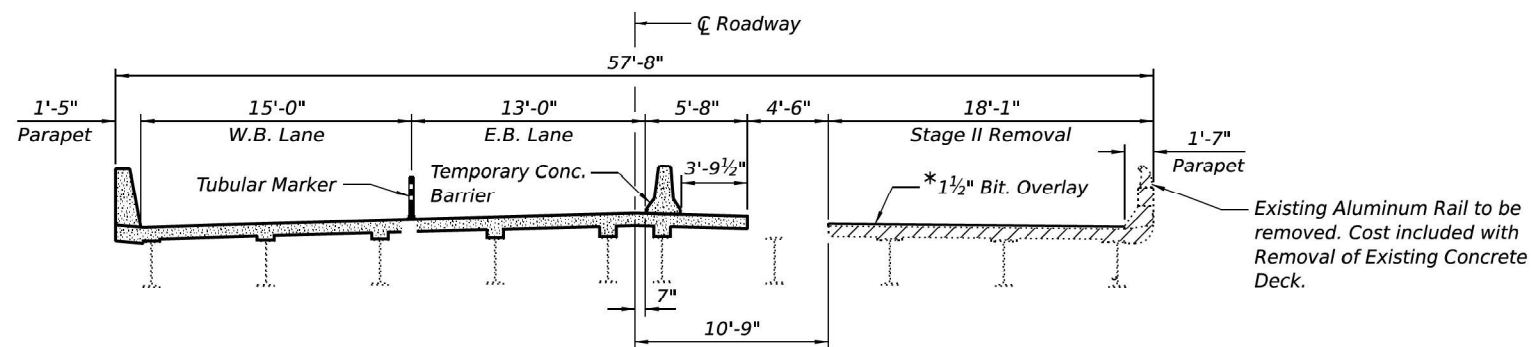


Limits of Removal of Existing Concrete Deck

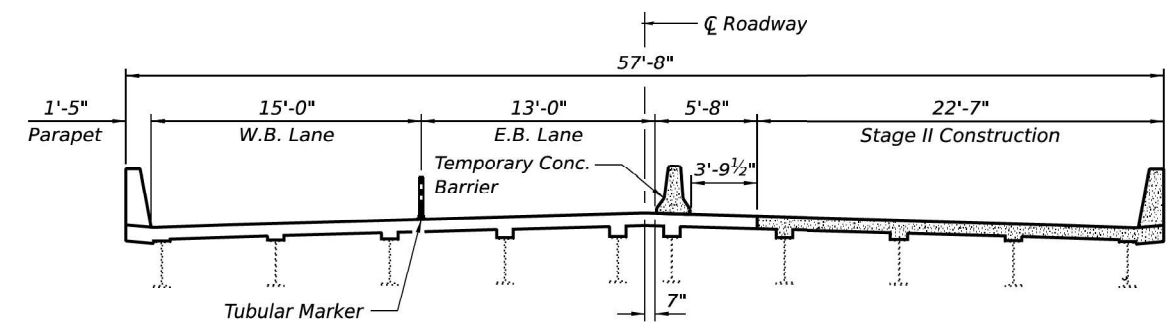
* Cost included with Removal of Existing Concrete Deck



STAGE I CONSTRUCTION
(Looking East)

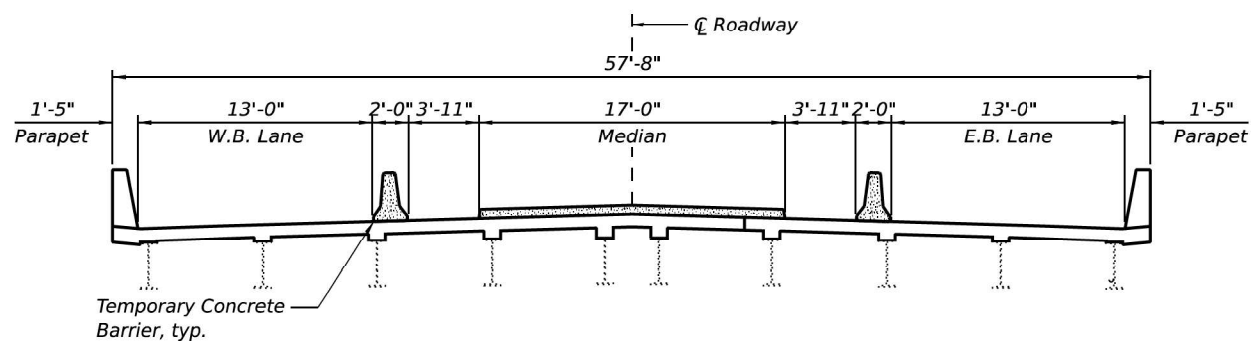


STAGE II REMOVAL
(Looking East)

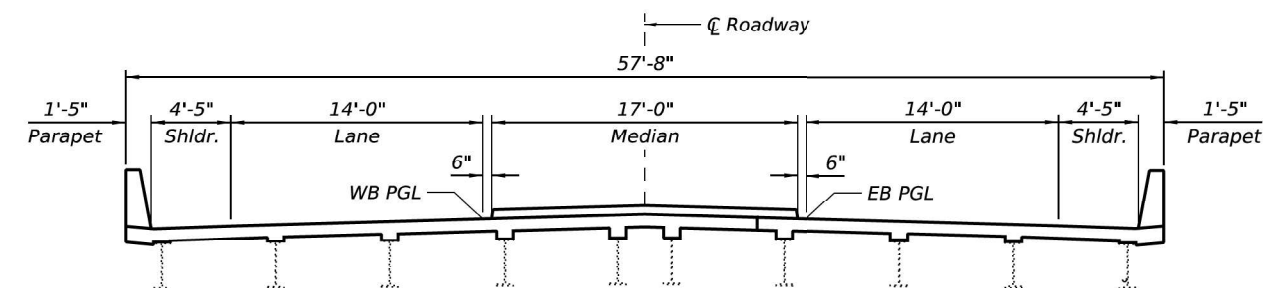


STAGE II CONSTRUCTION
(Looking East)

Notes:
For quantity of Temporary Concrete Barrier and Tubular Marker
see Roadway plans.
For Temporary Concrete Barrier details, see sheet 5 of 28.



STAGE III CONSTRUCTION
(Looking East)



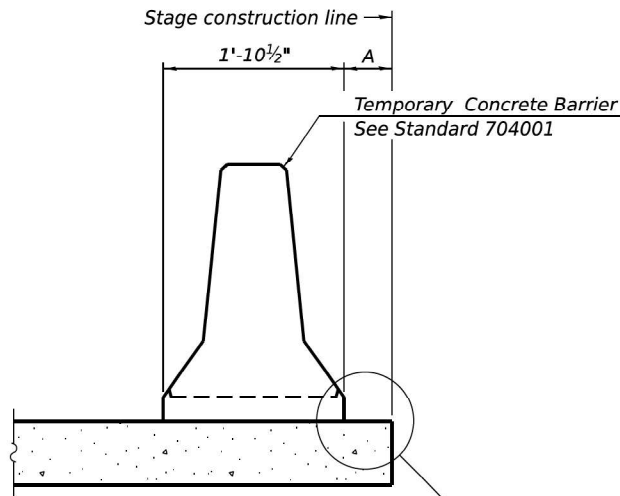
FINAL SECTION
(Looking East)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 038-0048**

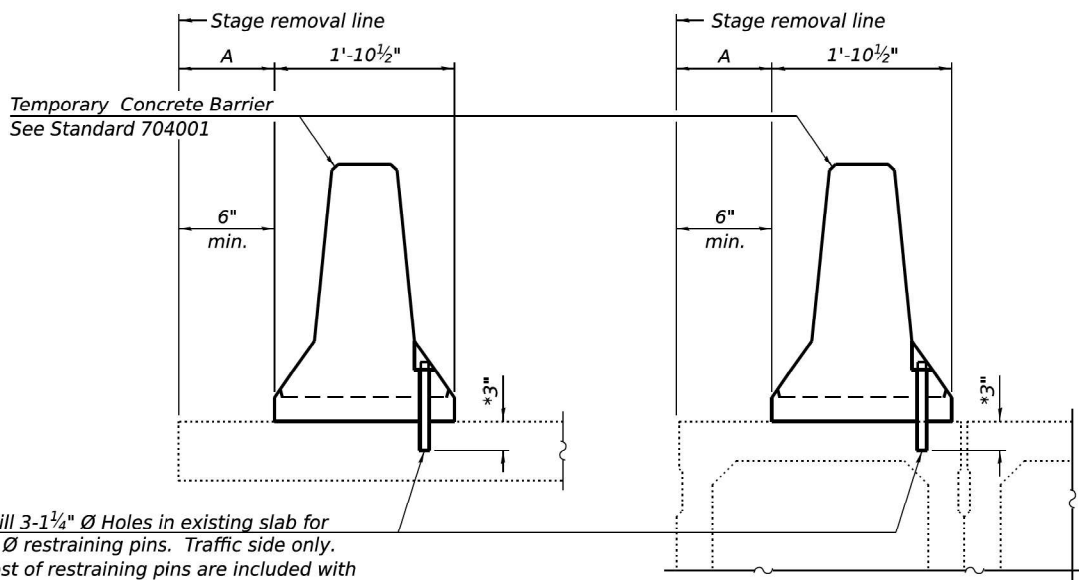
SHEET 4 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-SHB-4)BDR	IROQUOIS	81	45
			CONTRACT NO.	66F94
			ILLINOIS	FED. AID PROJECT



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

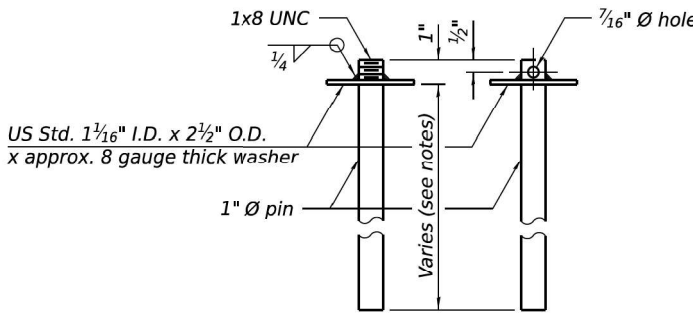


Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins is included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

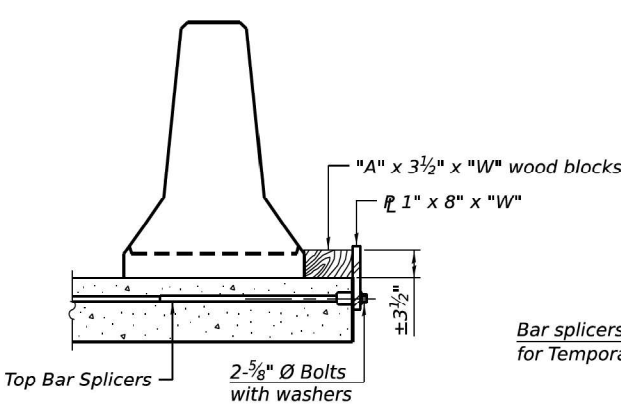
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

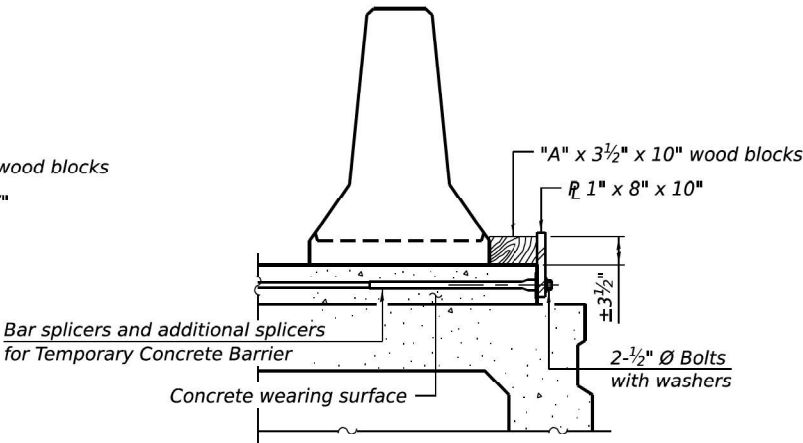


RESTRAINING PIN

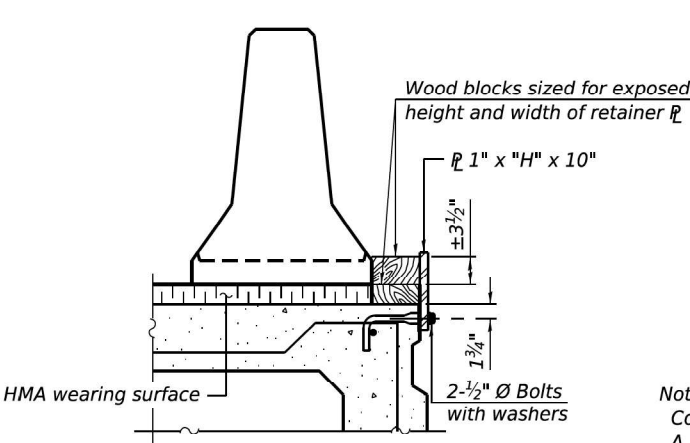
SECTIONS THRU SLAB OR DECK BEAM



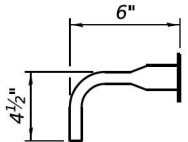
DETAIL I



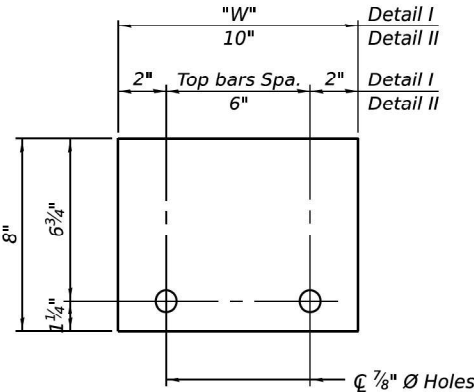
DETAIL II



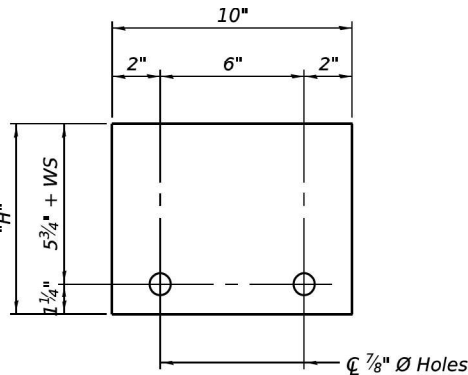
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



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



STEEL RETAINER 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 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

MODEL: TempBarrier (Sheet)
FILE NAME: \\hrgreen.com\hrgreen\Drawings\2023\2302696.02\CAD\Sheets\0380048-66F94-005-TempConcBarr.dgn



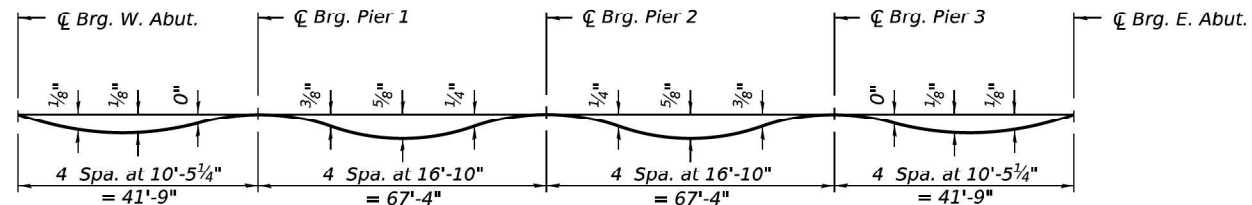
USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 038-0048

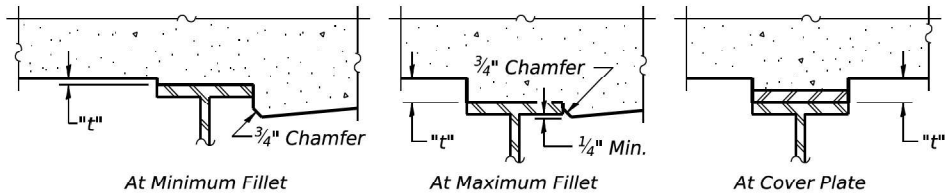
SHEET 5 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	46
			CONTRACT NO.	66F94
			ILLINOIS	FED. AID PROJECT



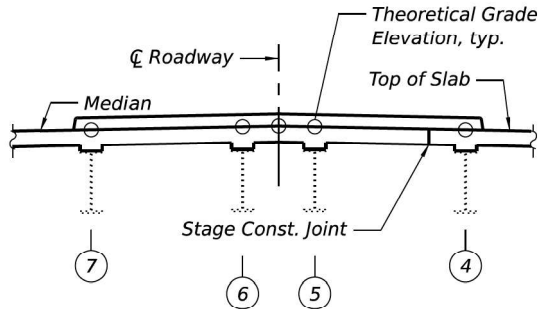
DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 7 thru 9 of 28.

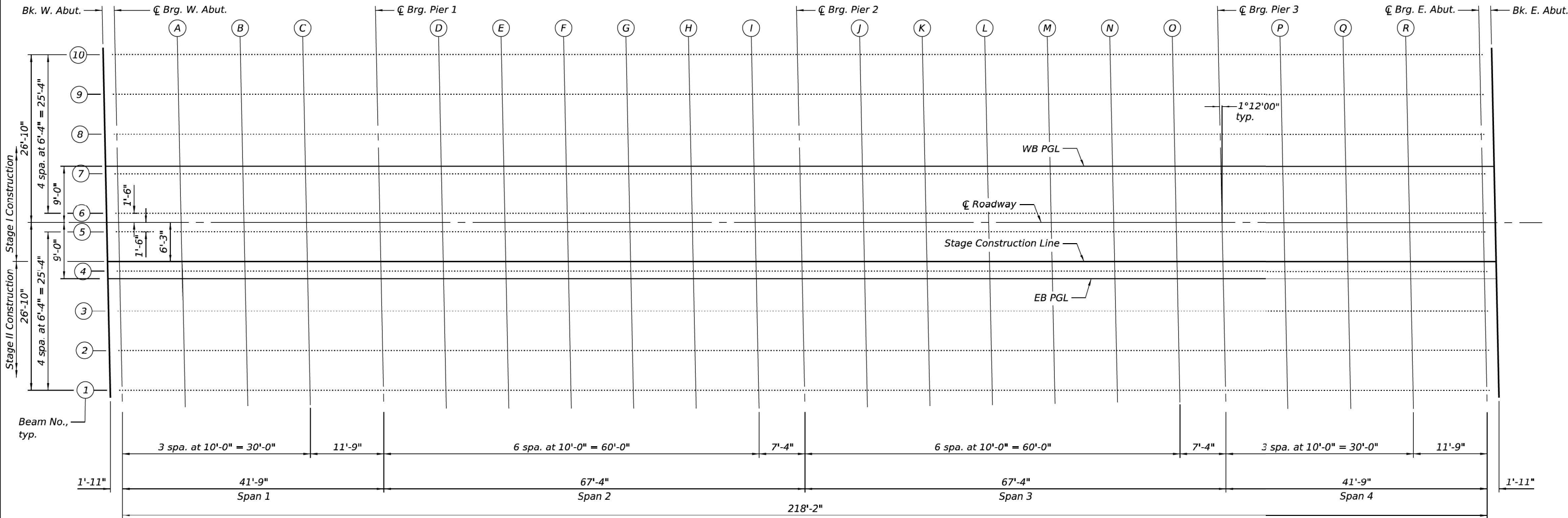


To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 7 thru 9, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



SECTION THRU MEDIAN
(Looking East)



PLAN



MODEL: TOS [Sheet]
FILE NAME: \\hrgreen.com\hrg\Drawings\2023\2302696.02\CAD\Sheets\0380048-66F94-006-TOS.dgn



USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 038-0048

SHEET 6 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	47
				CONTRACT NO. 66F94
				ILLINOIS FED. AID PROJECT

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.56	26.83	691.75	691.75
CL Brg. W. Abut.	28+91.48	26.83	691.76	691.76
A	29+01.48	26.83	691.83	691.83
B	29+11.48	26.83	691.89	691.89
C	29+21.48	26.83	691.94	691.94
CL Brg. Pier 1	29+33.23	26.83	691.99	691.99
D	29+43.23	26.83	692.03	692.05
E	29+53.23	26.83	692.06	692.10
F	29+63.23	26.83	692.09	692.14
G	29+73.23	26.83	692.11	692.15
H	29+83.23	26.83	692.12	692.15
I	29+93.23	26.83	692.13	692.13
CL Brg. Pier 2	30+00.56	26.83	692.13	692.13
J	30+10.56	26.83	692.13	692.14
K	30+20.56	26.83	692.12	692.15
L	30+30.56	26.83	692.10	692.13
M	30+40.56	26.83	692.08	692.12
N	30+50.56	26.83	692.05	692.08
O	30+60.56	26.83	692.02	692.03
CL Brg. Pier 3	30+67.90	26.83	691.99	691.99
P	30+77.90	26.83	691.94	691.94
Q	30+87.90	26.83	691.89	691.89
R	30+97.90	26.83	691.83	691.84
CL Brg. E. Abut.	31+09.65	26.83	691.76	691.76
Bk. E. Abut.	31+11.56	26.83	691.74	691.74

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.43	20.50	691.88	691.88
CL Brg. W. Abut.	28+91.35	20.50	691.89	691.89
A	29+01.35	20.50	691.95	691.96
B	29+11.35	20.50	692.01	692.02
C	29+21.35	20.50	692.06	692.06
CL Brg. Pier 1	29+33.10	20.50	692.12	692.12
D	29+43.10	20.50	692.16	692.17
E	29+53.10	20.50	692.19	692.22
F	29+63.10	20.50	692.21	692.26
G	29+73.10	20.50	692.23	692.27
H	29+83.10	20.50	692.25	692.27
I	29+93.10	20.50	692.25	692.26
CL Brg. Pier 2	30+00.43	20.50	692.26	692.26
J	30+10.43	20.50	692.25	692.26
K	30+20.43	20.50	692.24	692.27
L	30+30.43	20.50	692.23	692.27
M	30+40.43	20.50	692.21	692.25
N	30+50.43	20.50	692.18	692.21
O	30+60.43	20.50	692.14	692.15
CL Brg. Pier 3	30+67.76	20.50	692.11	692.11
P	30+77.76	20.50	692.07	692.07
Q	30+87.76	20.50	692.02	692.02
R	30+97.76	20.50	691.96	691.97
CL Brg. E. Abut.	31+09.51	20.50	691.88	691.88
Bk. E. Abut.	31+11.43	20.50	691.87	691.87

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.30	14.17	692.00	692.00
CL Brg. W. Abut.	28+91.21	14.17	692.01	692.01
A	29+01.21	14.17	692.08	692.09
B	29+11.21	14.17	692.14	692.14
C	29+21.21	14.17	692.19	692.19
CL Brg. Pier 1	29+32.96	14.17	692.24	692.24
D	29+42.96	14.17	692.28	692.30
E	29+52.96	14.17	692.31	692.35
F	29+62.96	14.17	692.34	692.39
G	29+72.96	14.17	692.36	692.40
H	29+82.96	14.17	692.37	692.40
I	29+92.96	14.17	692.38	692.39
CL Brg. Pier 2	30+00.30	14.17	692.38	692.38
J	30+10.30	14.17	692.38	692.39
K	30+20.30	14.17	692.37	692.40
L	30+30.30	14.17	692.35	692.40
M	30+40.30	14.17	692.33	692.38
N	30+50.30	14.17	692.30	692.34
O	30+60.30	14.17	692.27	692.28
CL Brg. Pier 3	30+67.63	14.17	692.24	692.24
P	30+77.63	14.17	692.20	692.20
Q	30+87.63	14.17	692.14	692.15
R	30+97.63	14.17	692.09	692.09
CL Brg. E. Abut.	31+09.38	14.17	692.01	692.01
Bk. E. Abut.	31+11.30	14.17	692.00	692.00

EB PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.19	9.00	692.10	692.10
CL Brg. W. Abut.	28+91.11	9.00	692.12	692.12
A	29+01.11	9.00	692.18	692.19
B	29+11.11	9.00	692.24	692.25
C	29+21.11	9.00	692.29	692.29
CL Brg. Pier 1	29+32.86	9.00	692.35	692.35
D	29+42.86	9.00	692.38	692.40
E	29+52.86	9.00	692.42	692.45
F	29+62.86	9.00	692.44	692.49
G	29+72.86	9.00	692.46	692.50
H	29+82.86	9.00	692.48	692.50
I	29+92.86	9.00	692.48	692.49
CL Brg. Pier 2	30+00.19	9.00	692.49	692.49
J	30+10.19	9.00	692.48	692.49
K	30+20.19	9.00	692.47	692.50
L	30+30.19	9.00	692.46	692.50
M	30+40.19	9.00	692.44	692.48
N	30+50.19	9.00	692.41	692.44
O	30+60.19	9.00	692.37	692.38
CL Brg. Pier 3	30+67.52	9.00	692.34	692.34
P	30+77.52	9.00	692.30	692.30
Q	30+87.52	9.00	692.25	692.25
R	30+97.52	9.00	692.19	692.20
CL Brg. E. Abut.	31+09.27	9.00	692.11	692.11
Bk. E. Abut.	31+11.19	9.00	692.10	692.10

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.16	7.83	692.13	692.13
CL Brg. W. Abut.	28+91.08	7.83	692.14	692.14
A	29+01.08	7.83	692.21	692.21
B	29+11.08	7.83	692.26	692.27
C	29+21.08	7.83	692.32	692.32
CL Brg. Pier 1	29+32.83	7.83	692.37	692.37
D	29+42.83	7.83	692.41	692.42
E	29+52.83	7.83	692.44	692.48
F	29+62.83	7.83	692.47	692.51
G	29+72.83	7.83	692.49	692.53
H	29+82.83	7.83	692.50	692.52
I	29+92.83	7.83	692.51	692.51
CL Brg. Pier 2	30+00.16	7.83	692.51	692.51
J	30+10.16	7.83	692.51	692.52
K	30+20.16	7.83	692.50	692.53
L	30+30.16	7.83	692.48	692.52
M	30+40.16	7.83	692.46	692.50
N	30+50.16	7.83	692.43	692.46
O	30+60.16	7.83	692.40	692.41
CL Brg. Pier 3	30+67.50	7.83	692.37	692.37
P	30+77.50	7.83	692.32	692.32
Q	30+87.50	7.83	692.27	692.28
R	30+97.50	7.83	692.21	692.22
CL Brg. E. Abut.	31+09.25	7.83	692.14	692.14
Bk. E. Abut.	31+11.16	7.83	692.13	692.13

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.13	6.25	692.16	692.16
CL Brg. W. Abut.	28+91.05	6.25	692.17	692.17
A	29+01.05	6.25	692.24	692.24
B	29+11.05	6.25	692.30	692.30
C	29+21.05	6.25	692.35	692.35
CL Brg. Pier 1	29+32.80	6.25	692.40	692.40
D	29+42.80	6.25	692.44	692.46
E	29+52.80	6.25	692.47	692.51
F	29+62.80	6.25	692.50	692.54
G	29+72.80	6.25	692.52	692.56
H	29+82.80	6.25	692.53	692.56
I	29+92.80	6.25	692.54	692.55
CL Brg. Pier 2	30+00.13	6.25	692.54	692.54
J	30+10.13	6.25	692.54	692.55
K	30+20.13	6.25	692.53	692.56
L	30+30.13	6.25	692.51	692.56
M	30+40.13	6.25	692.49	692.54
N	30+50.13	6.25	692.46	692.49
O	30+60.13	6.25	692.43	692.44
CL Brg. Pier 3	30+67.46	6.25	692.40	692.40
P	30+77.46	6.25	692.35	692.35
Q	30+87.46	6.25	692.30	692.31
R	30+97.46	6.25	692.25	692.25
CL Brg. E. Abut.	31+09.21	6.25	692.17	692.17
Bk. E. Abut.	31+11.13	6.25	692.16	692.16

MODEL: T05-02 [Sheet]
FILE NAME: \\hrgreen.com\hrg\Data\2023\2302696.02\CAD\Sheets\0380048-66F94-007-T05.dgn

MODEL: T05-03 [Sheet]
FILE NAME: \\hrgreen.com\hrg\Drawings\2023\2302696.02\CAD\Sheets\0380048-66F94-008-T05.dgn

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.03	1.50	692.25	692.25
CL Brg. W. Abut.	28+90.95	1.50	692.27	692.27
A	29+00.95	1.50	692.33	692.34
B	29+10.95	1.50	692.39	692.40
C	29+20.95	1.50	692.44	692.44
CL Brg. Pier 1	29+32.70	1.50	692.50	692.50
D	29+42.70	1.50	692.53	692.55
E	29+52.70	1.50	692.57	692.60
F	29+62.70	1.50	692.59	692.64
G	29+72.70	1.50	692.61	692.65
H	29+82.70	1.50	692.63	692.65
I	29+92.70	1.50	692.63	692.64
CL Brg. Pier 2	30+00.03	1.50	692.64	692.64
J	30+10.03	1.50	692.63	692.64
K	30+20.03	1.50	692.62	692.65
L	30+30.03	1.50	692.61	692.65
M	30+40.03	1.50	692.59	692.63
N	30+50.03	1.50	692.56	692.59
O	30+60.03	1.50	692.52	692.54
CL Brg. Pier 3	30+67.36	1.50	692.50	692.50
P	30+77.36	1.50	692.45	692.45
Q	30+87.36	1.50	692.40	692.40
R	30+97.36	1.50	692.34	692.35
CL Brg. E. Abut.	31+09.11	1.50	692.27	692.27
Bk. E. Abut.	31+11.03	1.50	692.25	692.25

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+88.84	-7.83	692.13	692.13
CL Brg. W. Abut.	28+90.75	-7.83	692.14	692.14
A	29+00.75	-7.83	692.20	692.21
B	29+10.75	-7.83	692.26	692.27
C	29+20.75	-7.83	692.31	692.32
CL Brg. Pier 1	29+32.50	-7.83	692.37	692.37
D	29+42.50	-7.83	692.41	692.42
E	29+52.50	-7.83	692.44	692.48
F	29+62.50	-7.83	692.47	692.51
G	29+72.50	-7.83	692.49	692.53
H	29+82.50	-7.83	692.50	692.52
I	29+92.50	-7.83	692.51	692.51
CL Brg. Pier 2	29+99.84	-7.83	692.51	692.51
J	30+09.84	-7.83	692.51	692.52
K	30+19.84	-7.83	692.50	692.53
L	30+29.84	-7.83	692.48	692.52
M	30+39.84	-7.83	692.46	692.50
N	30+49.84	-7.83	692.43	692.46
O	30+59.84	-7.83	692.40	692.41
CL Brg. Pier 3	30+67.17	-7.83	692.37	692.37
P	30+77.17	-7.83	692.32	692.32
Q	30+87.17	-7.83	692.27	692.28
R	30+97.17	-7.83	692.22	692.22
CL Brg. E. Abut.	31+08.92	-7.83	692.14	692.14
Bk. E. Abut.	31+10.84	-7.83	692.13	692.13

ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+89.00	0.00	692.28	692.28
CL Brg. W. Abut.	28+90.92	0.00	692.30	692.30
A	29+00.92	0.00	692.36	692.37
B	29+10.92	0.00	692.42	692.43
C	29+20.92	0.00	692.47	692.47
CL Brg. Pier 1	29+32.67	0.00	692.53	692.53
D	29+42.67	0.00	692.56	692.58
E	29+52.67	0.00	692.60	692.63
F	29+62.67	0.00	692.62	692.67
G	29+72.67	0.00	692.64	692.68
H	29+82.67	0.00	692.66	692.68
I	29+92.67	0.00	692.66	692.67
CL Brg. Pier 2	30+00.00	0.00	692.67	692.67
J	30+10.00	0.00	692.66	692.67
K	30+20.00	0.00	692.65	692.68
L	30+30.00	0.00	692.64	692.68
M	30+40.00	0.00	692.62	692.66
N	30+50.00	0.00	692.59	692.62
O	30+60.00	0.00	692.55	692.57
CL Brg. Pier 3	30+67.33	0.00	692.53	692.53
P	30+77.33	0.00	692.48	692.48
Q	30+87.33	0.00	692.43	692.43
R	30+97.33	0.00	692.37	692.38
CL Brg. E. Abut.	31+09.08	0.00	692.30	692.30
Bk. E. Abut.	31+11.00	0.00	692.28	692.28

WB PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+88.81	-9.00	692.10	692.10
CL Brg. W. Abut.	28+90.73	-9.00	692.11	692.11
A	29+00.73	-9.00	692.18	692.19
B	29+10.73	-9.00	692.24	692.24
C	29+20.73	-9.00	692.29	692.29
CL Brg. Pier 1	29+32.48	-9.00	692.34	692.34
D	29+42.48	-9.00	692.38	692.40
E	29+52.48	-9.00	692.42	692.45
F	29+62.48	-9.00	692.44	692.49
G	29+72.48	-9.00	692.46	692.50
H	29+82.48	-9.00	692.48	692.50
I	29+92.48	-9.00	692.48	692.49
CL Brg. Pier 2	29+99.81	-9.00	692.49	692.49
J	30+09.81	-9.00	692.48	692.49
K	30+19.81	-9.00	692.47	692.50
L	30+29.81	-9.00	692.46	692.50
M	30+39.81	-9.00	692.44	692.48
N	30+49.81	-9.00	692.41	692.44
O	30+59.81	-9.00	692.37	692.39
CL Brg. Pier 3	30+67.14	-9.00	692.35	692.35
P	30+77.14	-9.00	692.30	692.30
Q	30+87.14	-9.00	692.25	692.26
R	30+97.14	-9.00	692.19	692.20
CL Brg. E. Abut.	31+08.89	-9.00	692.12	692.12
Bk. E. Abut.	31+10.81	-9.00	692.10	692.10

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+88.97	-1.50	692.25	692.25
CL Brg. W. Abut.	28+90.89	-1.50	692.27	692.27
A	29+00.89	-1.50	692.33	692.34
B	29+10.89	-1.50	692.39	692.40
C	29+20.89	-1.50	692.44	692.44
CL Brg. Pier 1	29+32.64	-1.50	692.50	692.50
D	29+42.64	-1.50	692.53	692.55
E	29+52.64	-1.50	692.57	692.60
F	29+62.64	-1.50	692.59	692.64
G	29+72.64	-1.50	692.61	692.65
H	29+82.64	-1.50	692.63	692.65
I	29+92.64	-1.50	692.63	692.64
CL Brg. Pier 2	29+99.97	-1.50	692.64	692.64
J	30+09.97	-1.50	692.63	692.64
K	30+19.97	-1.50	692.62	692.65
L	30+29.97	-1.50	692.61	692.65
M	30+39.97	-1.50	692.59	692.63
N	30+49.97	-1.50	692.56	692.59
O	30+59.97	-1.50	692.52	692.54
CL Brg. Pier 3	30+67.30	-1.50	692.50	692.50
P	30+77.30	-1.50	692.45	692.45
Q	30+87.30	-1.50	692.40	692.40
R	30+97.30	-1.50	692.34	692.35
CL Brg. E. Abut.	31+09.05	-1.50	692.27	692.27
Bk. E. Abut.	31+10.97	-1.50	692.25	692.25

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+88.70	-14.17	692.00	692.00
CL Brg. W. Abut.	28+90.62	-14.17	692.01	692.01
A	29+00.62	-14.17	692.08	692.08
B	29+10.62	-14.17	692.13	692.14
C	29+20.62	-14.17	692.19	692.19
CL Brg. Pier 1	29+32.37	-14.17	692.24	692.24
D	29+42.37	-14.17	692.28	692.30
E	29+52.37	-14.17	692.31	692.35
F	29+62.37	-14.17	692.34	692.38
G	29+72.37	-14.17	692.36	692.40
H	29+82.37	-14.17	692.37	692.40
I	29+92.37	-14.17	692.38	692.39
CL Brg. Pier 2	29+99.70	-14.17	692.38	692.38
J	30+09.70	-14.17	692.38	692.39
K	30+19.70	-14.17	692.37	692.40
L	30+29.70	-14.17	692.36	692.40
M	30+39.70	-14.17	692.33	692.38
N	30+49.70	-14.17	692.31	692.34
O	30+59.70	-14.17	692.27	692.28
CL Brg. Pier 3	30+67.04	-14.17	692.24	692.24
P	30+77.04	-14.17	692.20	692.20
Q	30+87.04	-14.17	692.15	692.15
R	30+97.04	-14.17	692.09	692.10
CL Brg. E. Abut.	31+08.79	-14.17	692.01	692.01
Bk. E. Abut.	31+10.70	-14.17	692.00	692.00

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+88.57	-20.50	691.87	691.87
CL Brg. W. Abut.	28+90.49	-20.50	691.88	691.88
A	29+00.49	-20.50	691.95	691.95
B	29+10.49	-20.50	692.01	692.01
C	29+20.49	-20.50	692.06	692.06
CL Brg. Pier 1	29+32.24	-20.50	692.11	692.11
D	29+42.24	-20.50	692.15	692.17
E	29+52.24	-20.50	692.19	692.22
F	29+62.24	-20.50	692.21	692.26
G	29+72.24	-20.50	692.23	692.27
H	29+82.24	-20.50	692.25	692.27
I	29+92.24	-20.50	692.25	692.26
CL Brg. Pier 2	29+99.57	-20.50	692.26	692.26
J	30+09.57	-20.50	692.25	692.26
K	30+19.57	-20.50	692.24	692.27
L	30+29.57	-20.50	692.23	692.27
M	30+39.57	-20.50	692.21	692.25
N	30+49.57	-20.50	692.18	692.21
O	30+59.57	-20.50	692.15	692.16
CL Brg. Pier 3	30+66.90	-20.50	692.12	692.12
P	30+76.90	-20.50	692.07	692.07
Q	30+86.90	-20.50	692.02	692.03
R	30+96.90	-20.50	691.96	691.97
CL Brg. E. Abut.	31+08.65	-20.50	691.89	691.89
Bk. E. Abut.	31+10.57	-20.50	691.88	691.88

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	28+88.44	-26.83	691.74	691.74
CL Brg. W. Abut.	28+90.35	-26.83	691.76	691.76
A	29+00.35	-26.83	691.82	691.83
B	29+10.35	-26.83	691.88	691.89
C	29+20.35	-26.83	691.93	691.93
CL Brg. Pier 1	29+32.10	-26.83	691.99	691.99
D	29+42.10	-26.83	692.03	692.04
E	29+52.10	-26.83	692.06	692.09
F	29+62.10	-26.83	692.08	692.13
G	29+72.10	-26.83	692.11	692.15
H	29+82.10	-26.83	692.12	692.14
I	29+92.10	-26.83	692.13	692.13
CL Brg. Pier 2	29+99.44	-26.83	692.13	692.13
J	30+09.44	-26.83	692.13	692.14
K	30+19.44	-26.83	692.12	692.15
L	30+29.44	-26.83	692.10	692.15
M	30+39.44	-26.83	692.08	692.13
N	30+49.44	-26.83	692.05	692.08
O	30+59.44	-26.83	692.02	692.03
CL Brg. Pier 3	30+66.77	-26.83	691.99	691.99
P	30+76.77	-26.83	691.95	691.95
Q	30+86.77	-26.83	691.90	691.90
R	30+96.77	-26.83	691.84	691.84
CL Brg. E. Abut.	31+08.52	26.83	691.76	691.76
Bk. E. Abut.	31+10.44	-26.83	691.75	691.75

MODEL: T05-3 [Sheet]
FILE NAME: \\hrgreen.com\hrg\Data\2023\2302696.02\CAD\Sheets\0380048-66F94-009-T05.dgn

NORTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+59.43	-27.42	691.53
A1	28+69.43	-27.42	691.60
A2	28+79.43	-27.42	691.67
E. End of W. Appr. Slab	28+89.43	-27.42	691.74

NORTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+59.52	-23.00	691.62
A1	28+69.52	-23.00	691.69
A2	28+79.52	-23.00	691.76
E. End of W. Appr. Slab	28+89.52	-23.00	691.83

WB PGL

Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+59.81	-9.00	691.90
A1	28+69.81	-9.00	691.97
A2	28+79.81	-9.00	692.04
E. End of W. Appr. Slab	28+89.81	-9.00	692.11

CL ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+60.00	0.00	692.08
A1	28+70.00	0.00	692.15
A2	28+80.00	0.00	692.22
E. End of W. Appr. Slab	28+90.00	0.00	692.29

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+60.13	6.25	691.96
A1	28+70.13	6.25	692.03
A2	28+80.13	6.25	692.10
E. End of W. Appr. Slab	28+90.13	6.25	692.17

EB PGL

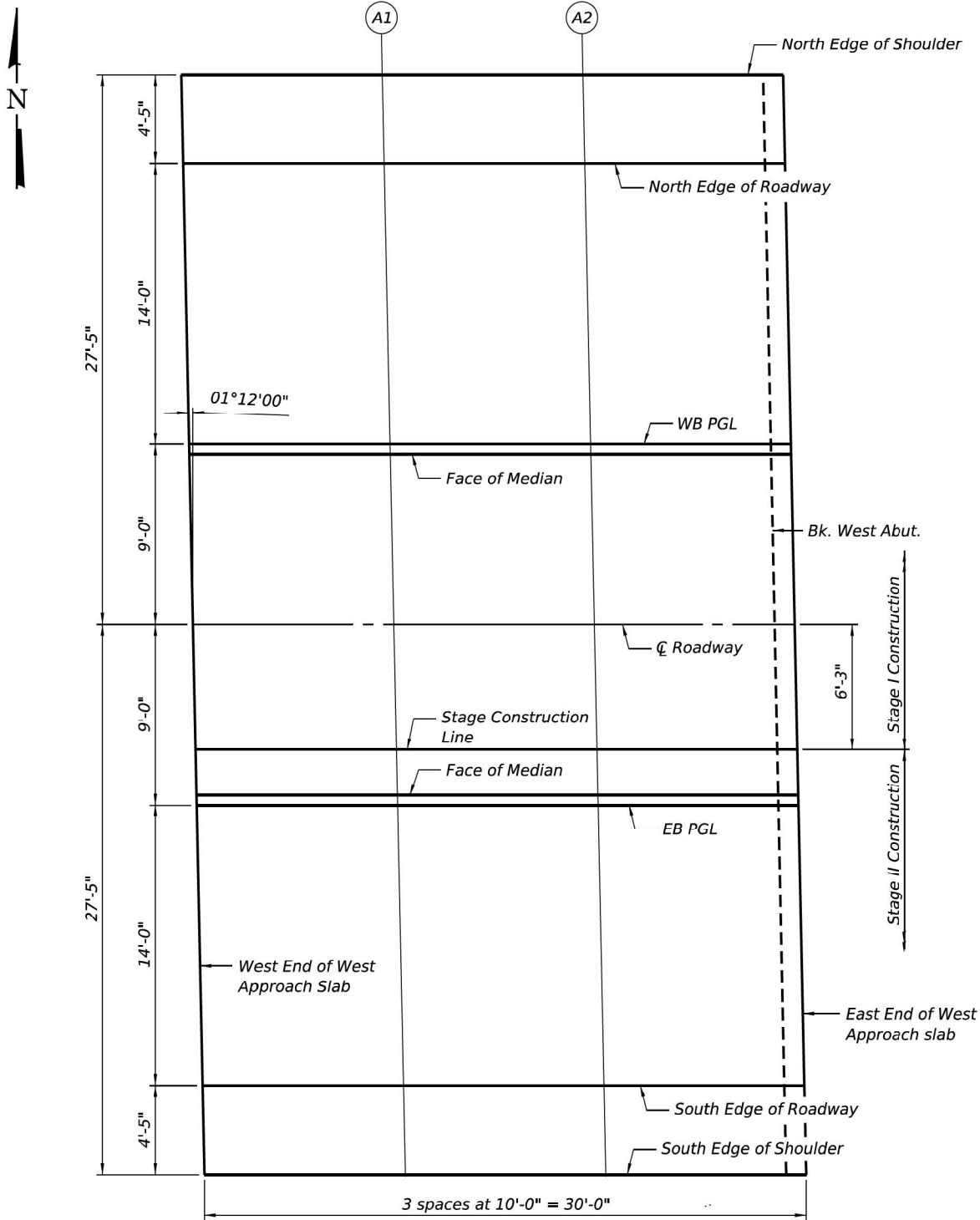
Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+60.19	9.00	691.90
A1	28+70.19	9.00	691.97
A2	28+80.19	9.00	692.04
E. End of W. Appr. Slab	28+90.19	9.00	692.11

SOUTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+60.48	23.00	691.62
A1	28+70.48	23.00	691.69
A2	28+80.48	23.00	691.76
E. End of W. Appr. Slab	28+90.48	23.00	691.83

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
W. End of W. Appr. Slab	28+60.57	27.42	691.54
A1	28+70.57	27.42	691.61
A2	28+80.57	27.42	691.68
E. End of W. Appr. Slab	28+90.57	27.42	691.75



PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF WEST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 038-0048

SHEET 10 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-SHB-4)BDR	IROQUOIS	81	51
		CONTRACT NO. 66F94		
		ILLINOIS FED. AID PROJECT		

USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -

NORTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+09.43	-27.42	691.74
A3	31+19.43	-27.42	691.67
A4	31+29.43	-27.42	691.60
E. End of E. Appr. Slab	31+39.43	-27.42	691.53

NORTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+09.52	-23.00	691.83
A3	31+19.52	-23.00	691.76
A4	31+29.52	-23.00	691.69
E. End of E. Appr. Slab	31+39.52	-23.00	691.62

WB PGL

Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+09.81	-9.00	692.11
A3	31+19.81	-9.00	692.04
A4	31+29.81	-9.00	691.97
E. End of E. Appr. Slab	31+39.81	-9.00	691.90

CL ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+10.00	0.00	692.29
A3	31+20.00	0.00	692.22
A4	31+30.00	0.00	692.15
E. End of E. Appr. Slab	31+40.00	0.00	692.08

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+10.13	6.25	692.16
A3	31+20.13	6.25	692.09
A4	31+30.13	6.25	692.02
E. End of E. Appr. Slab	31+40.13	6.25	691.95

EB PGL

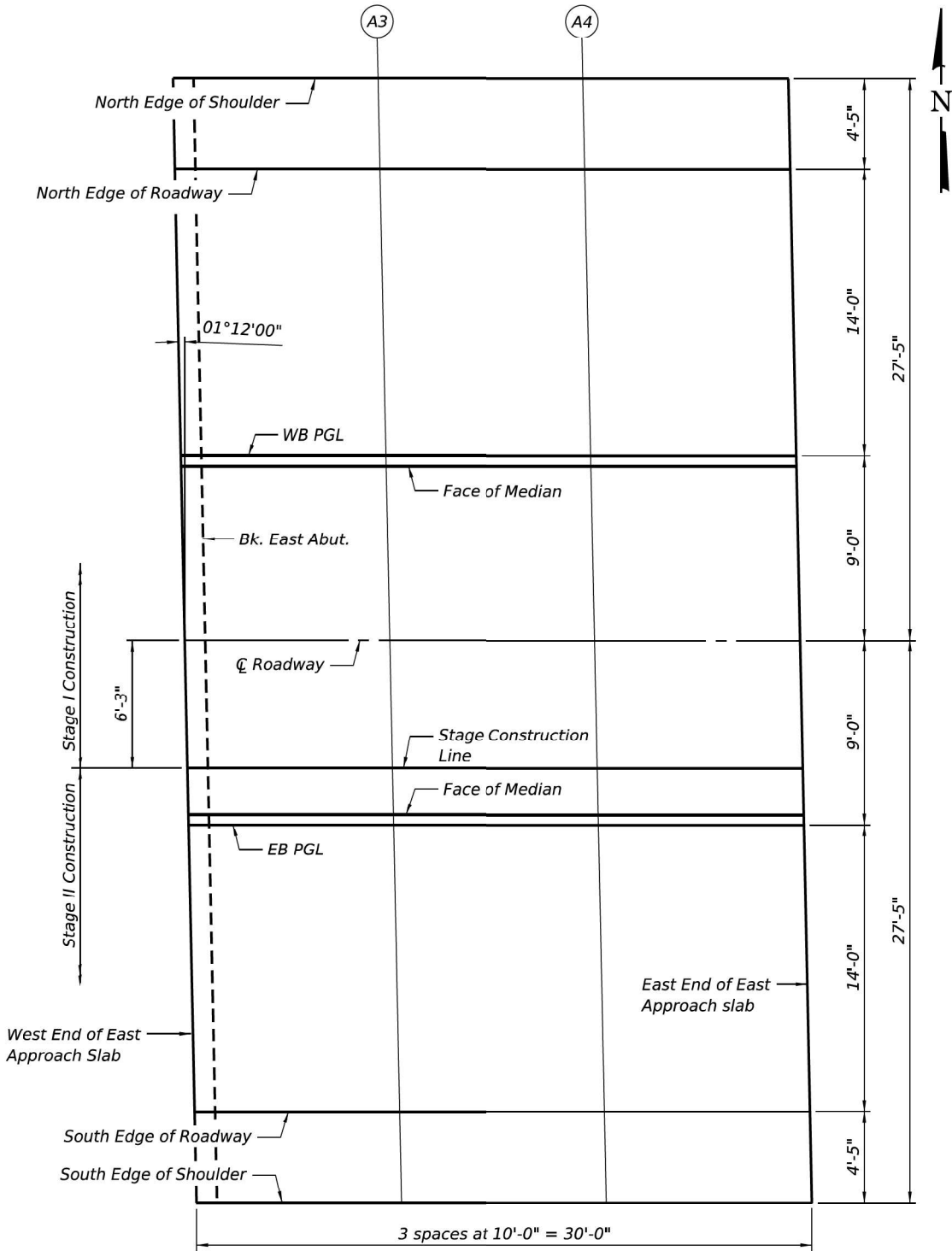
Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+10.19	9.00	692.11
A3	31+20.19	9.00	692.04
A4	31+30.19	9.00	691.97
E. End of E. Appr. Slab	31+40.19	9.00	691.90

SOUTH EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+10.48	23.00	691.82
A3	31+20.48	23.00	691.75
A4	31+30.48	23.00	691.68
E. End of E. Appr. Slab	31+40.48	23.00	691.61

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
W. End of E. Appr. Slab	31+10.57	27.42	691.74
A3	31+20.57	27.42	691.67
A4	31+30.57	27.42	691.60
E. End of E. Appr. Slab	31+40.57	27.42	691.53



PLAN

MODEL: TOAS-02 [Sheet]
FILE NAME: \\hrgreen.com\hrg\Drawings\2023\2302696.02\CAD\Sheets\0380048-66F94-011-TOAS.dgn



HRGreen.com
Illinois Professional Design Firm
194-001322

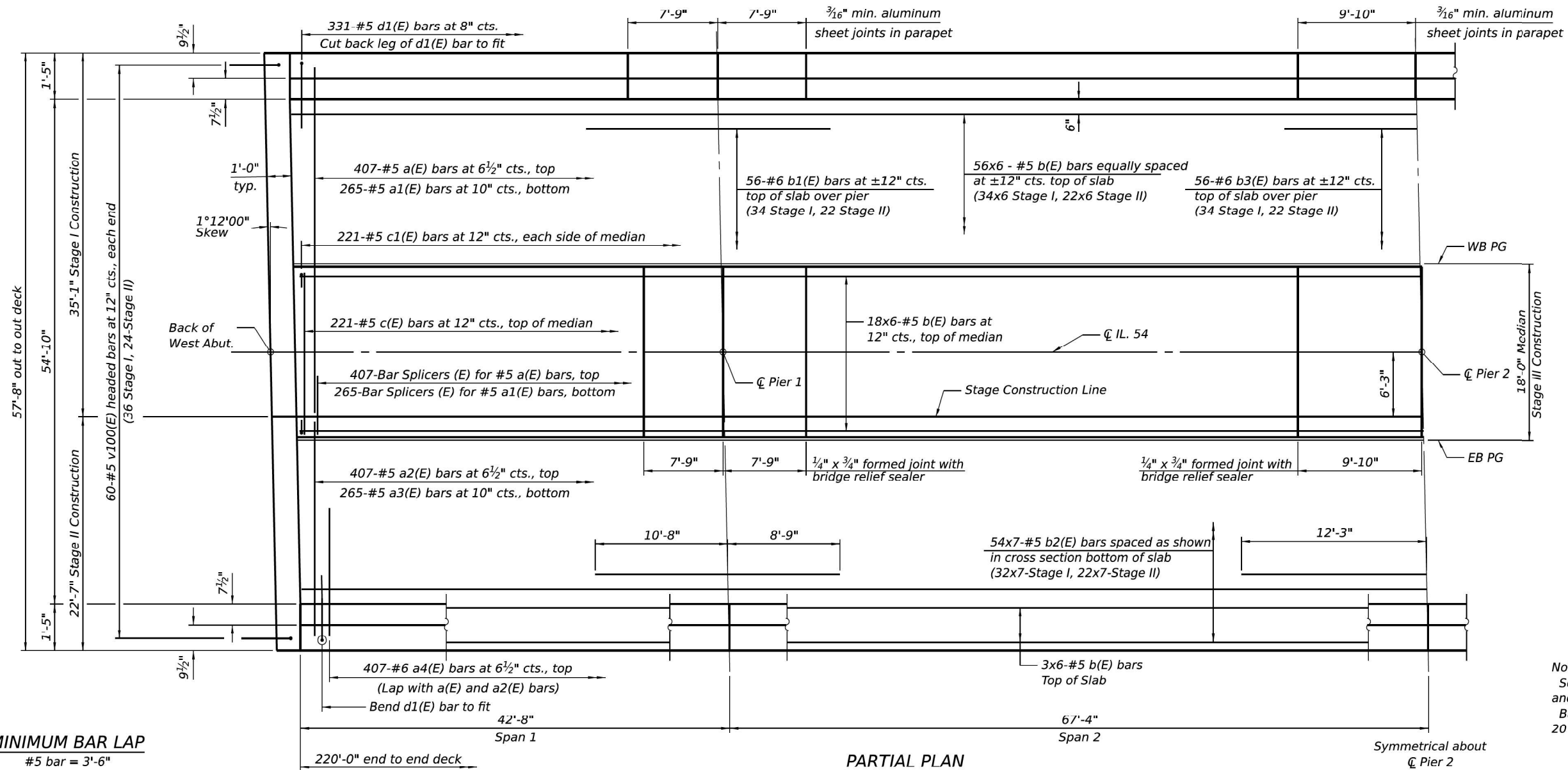
USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF EAST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 038-0048

SHEET 11 OF 28 SHEETS

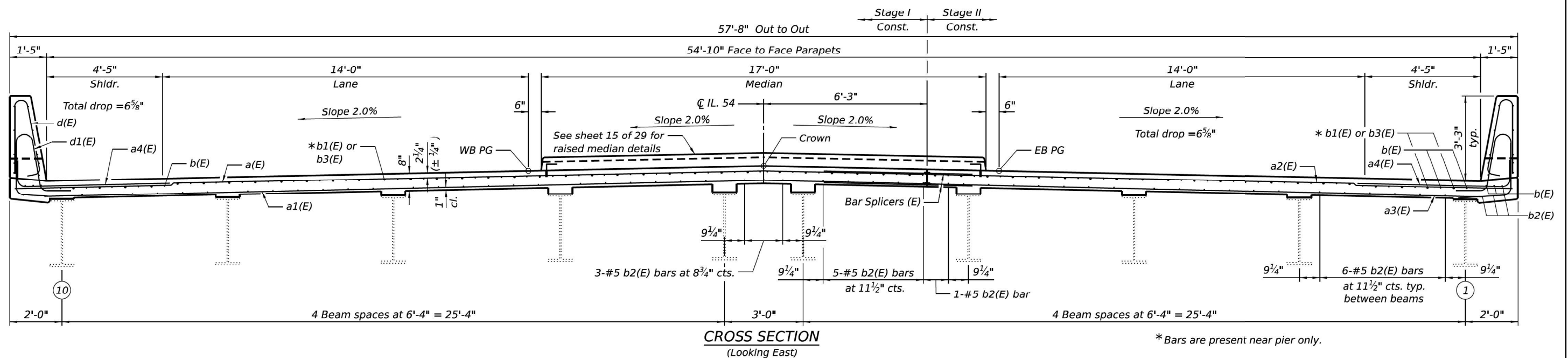
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-SHB-4)BDR	IROQUOIS	81	52
CONTRACT NO. 66F94				
ILLINOIS		FED. AID PROJECT		



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

PARTIAL PLAN

Notes:
See sheet 13 of 28 for superstructure details and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.



CROSS SECTION
(Looking East)

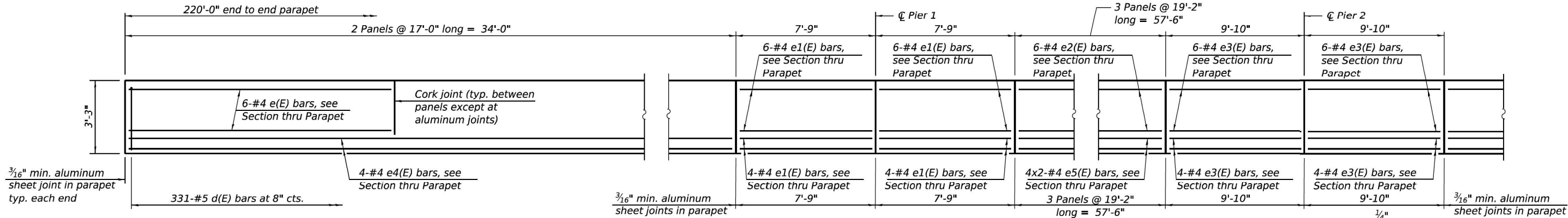
* Bars are present near pier only.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

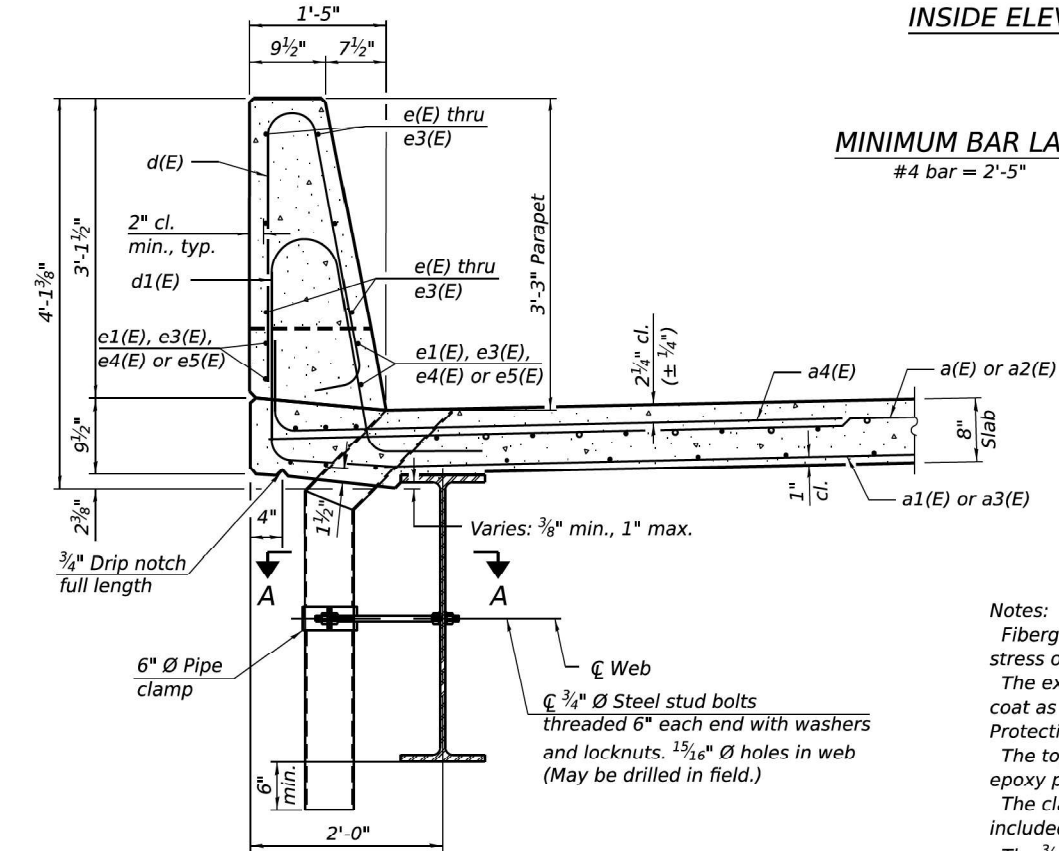
SUPERSTRUCTURE
STRUCTURE NO. 038-0048

SHEET 12 OF 28 SHEETS

FAI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-SHB-4)BDR	IROQUOIS	81	53
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

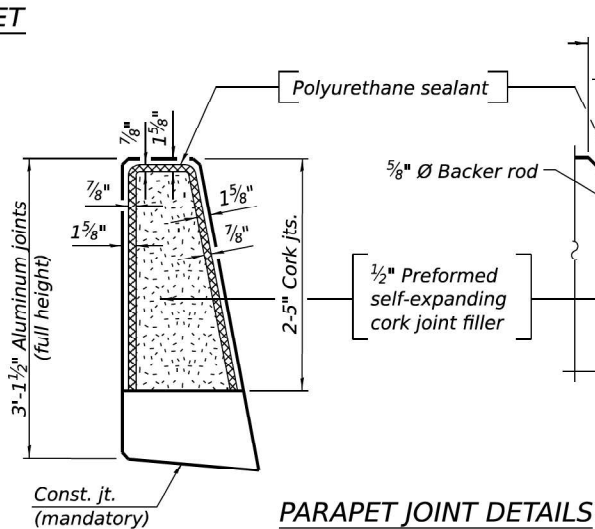


INSIDE ELEVATION OF PARAPET

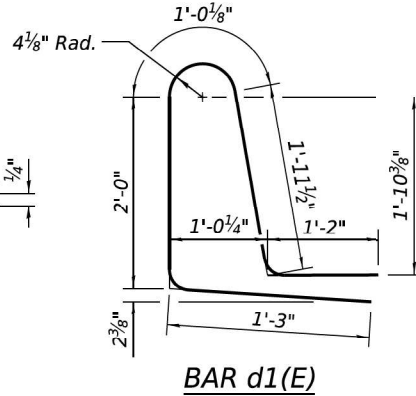


SECTION THRU PARAPET

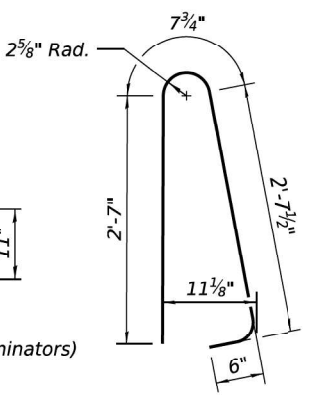
MINIMUM BAR LAP
#4 bar = 2'-5"



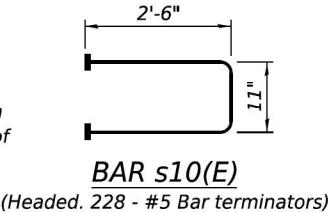
PARAPET JOINT DETAILS



BAR d1(E)

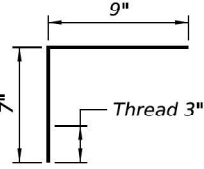


BAR d(E)

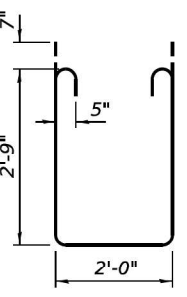


BAR s10(E)

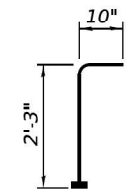
(Headed. 228 - #5 Bar terminators)



BAR c1(E)

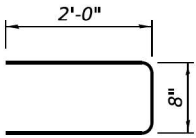


BAR s11(E)



BAR v100(E)

(Headed. 120 - #5 Bar terminators)



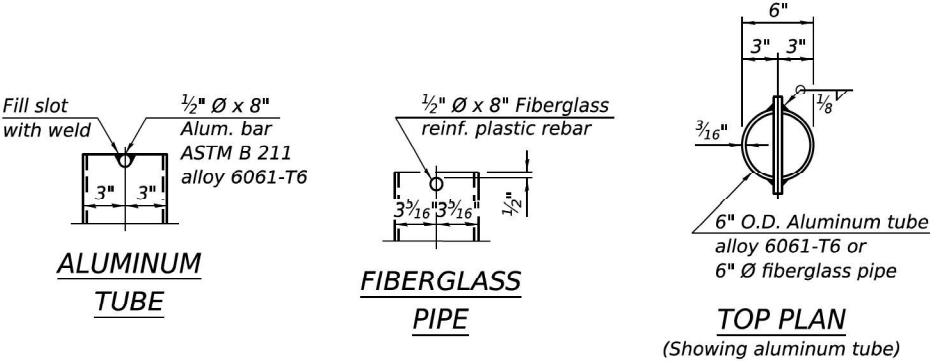
BAR s12(E)

BAR a4(E)
SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	407	#5	34'- 9"	
a1(E)	265	#5	34'- 0"	
a2(E)	407	#5	22'- 3"	
a3(E)	265	#5	21'- 6"	
a4(E)	814	#6	8'- 4"	
b(E)	384	#5	39'- 7"	
b1(E)	116	#6	19'- 5"	
b2(E)	399	#5	34'- 5"	
b3(E)	58	#6	24'- 6"	
c(E)	221	#5	16'- 8"	
c1(E)	442	#5	1'- 4"	
d(E)	662	#5	6'- 5"	
d1(E)	662	#5	7'- 5"	
e(E)	48	#4	16'- 8"	
e1(E)	80	#4	7'- 5"	
e2(E)	72	#4	18'- 10"	
e3(E)	40	#4	9'- 6"	
e4(E)	16	#4	33'- 8"	
e5(E)	32	#4	29'-10"	
m10(E)	8	#6	34'- 11"	
m11(E)	24	#6	6'- 0"	
m12(E)	8	#6	6'- 0"	
m13(E)	8	#6	23'- 4"	
m14(E)	4	#4	23'- 4"	
m15(E)	4	#4	34'- 11"	
m16(E)	4	#6	2'- 8"	
s10(E)	114	#5	5'-11"	
s11(E)	114	#5	8'- 8"	
s12(E)	114	#4	4'- 8"	
v100(E)	120	#5	3'- 1"	
Reinforcement Bars, Epoxy Coated			Pound	106,160
Concrete Superstructure			Cu. Yd.	483.6

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

Notes:
Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.
The exterior surfaces of the floor drains shall be painted according to Article 506 with the finish coat as specified. The exterior surfaces of the drains shall be cleaned according to the Society of Protective Coating's Spec. SSPC-SP1 prior to painting.
The top portion of aluminum floor drains shall be coated with 5 mils of either bitumen paint or epoxy paint to minimize reaction with wet concrete.
The clamping device shall be galvanized according to AASHTO M 232. Cost of clamping device included with Floor Drains.
The 3/16" min. aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated with 5 mils of either bitumen paint or epoxy paint to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
The polyurethane sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.
Bar terminators, paid for separately. See Total Bill of Material.

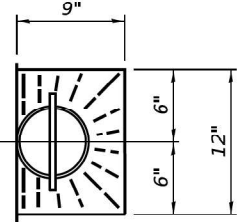


ALUMINUM TUBE

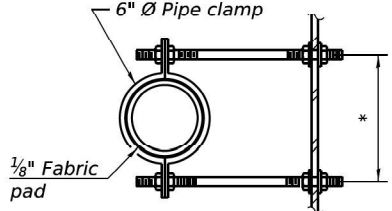
FIBERGLASS PIPE

TOP PLAN

(Showing aluminum tube)



TOP PLAN



SECTION A-A

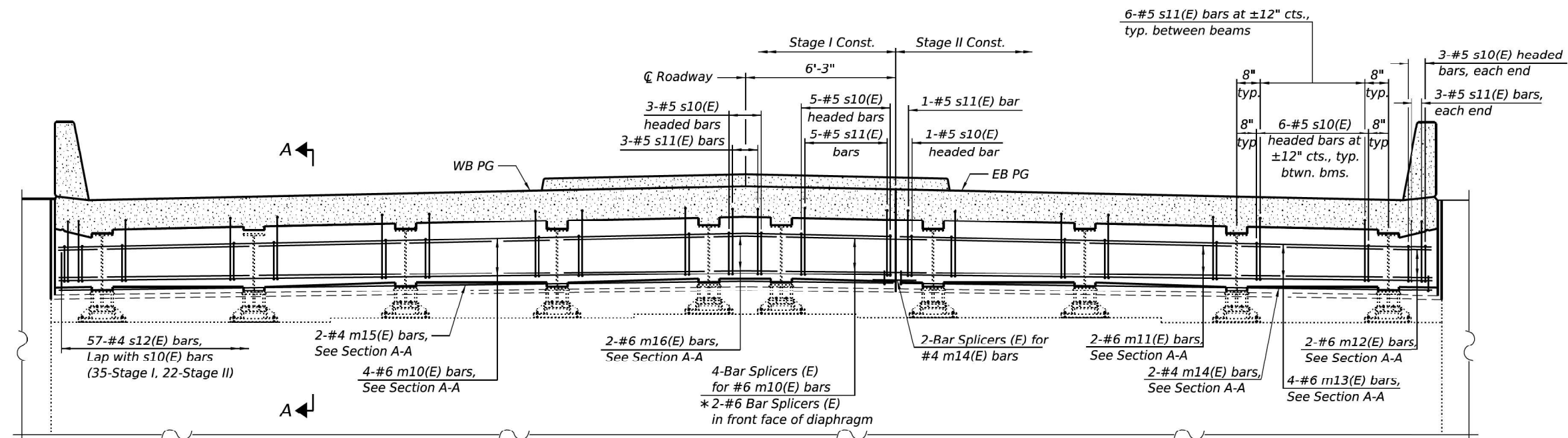
*Dimension as required by pipe clamp

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 038-0048

SHEET 13 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	54
			CONTRACT NO.	66F94
			ILLINOIS	FED. AID PROJECT

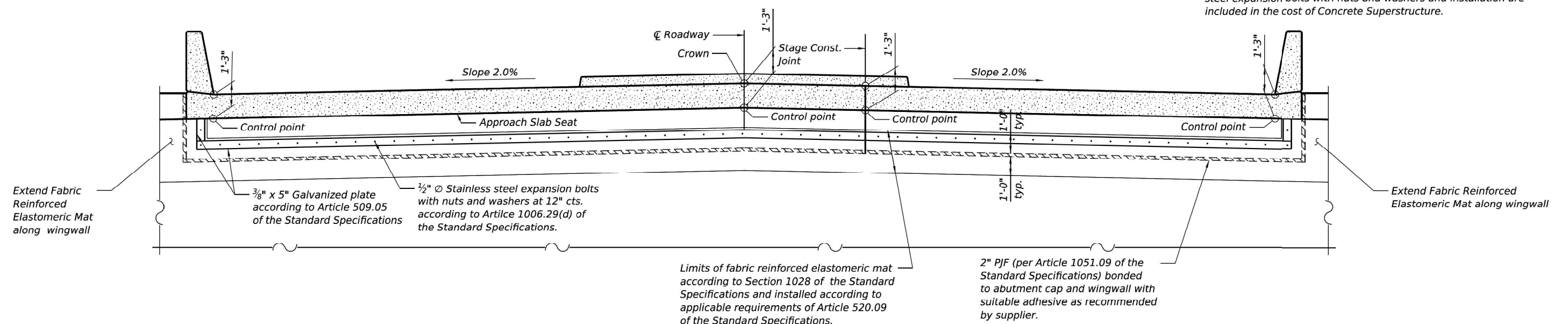


DIAPHRAGM AT EAST ABUTMENT
(East abutment looking East, West abutment similar)

* See sheet 28 of 28 for detail of bar splicer in front face of diaphragm.

Notes:

1. See sheet 13 of 28 for superstructure details and Bill of Material.
2. See sheet 15 of 28 for Section A-A.
3. The s10(E), s11(E) and s12(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
4. The approach slab seat shall have a constant slope determined from the control points shown.
5. Cost of fabric reinforced elastomeric mat, galvanized plate, stainless steel expansion bolts with nuts and washers and installation are included in the cost of Concrete Superstructure.



VIEW B-B
(Looking at back of abutment)

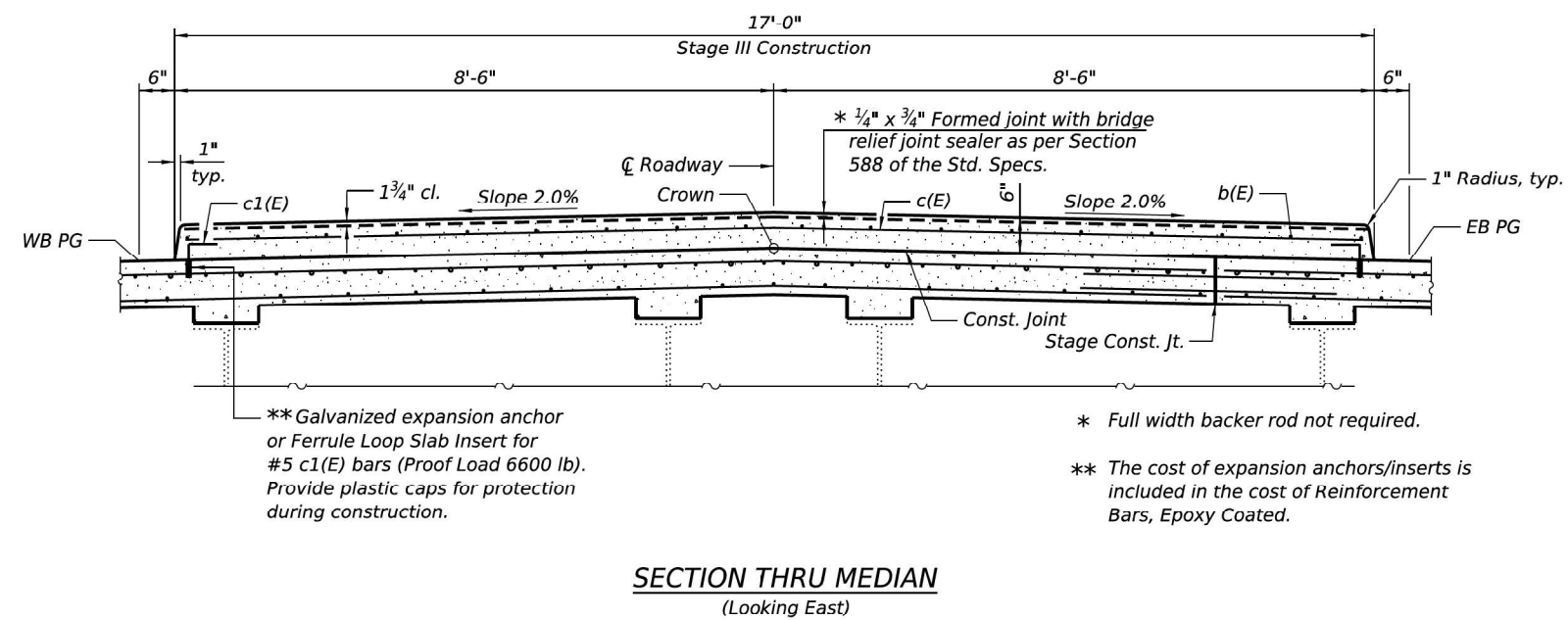
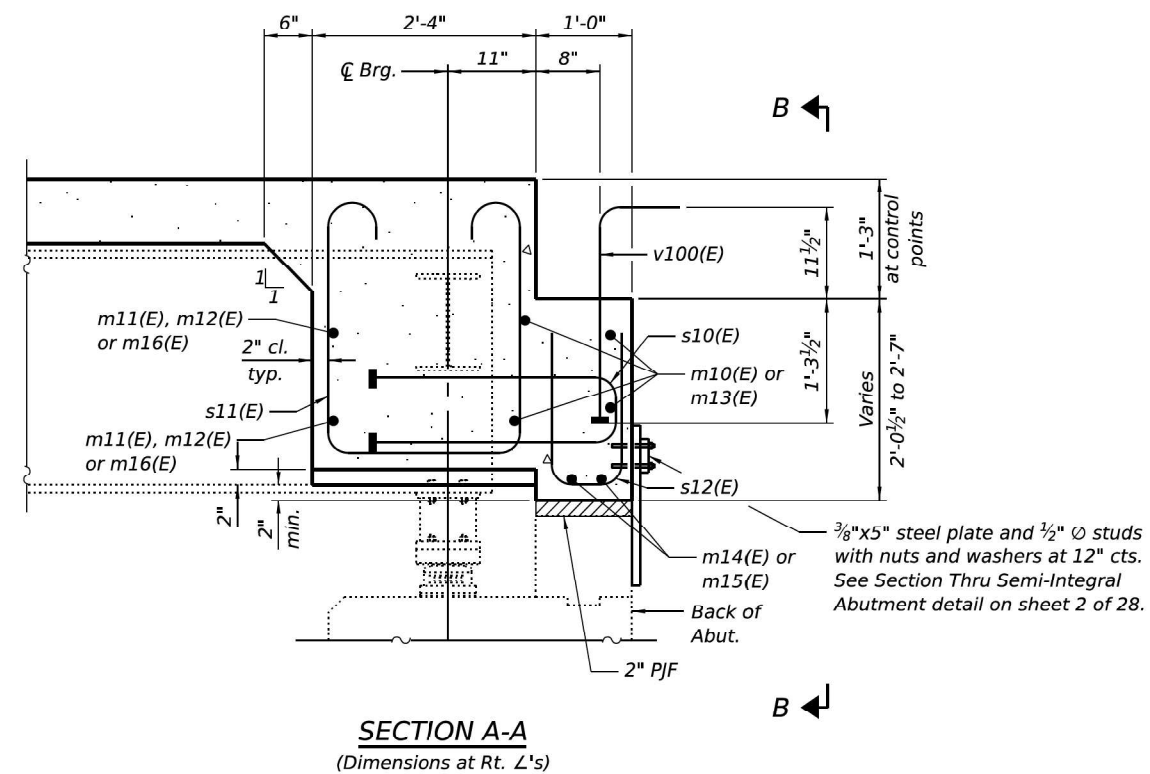
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO. 038-0048

SHEET 14 OF 28 SHEETS

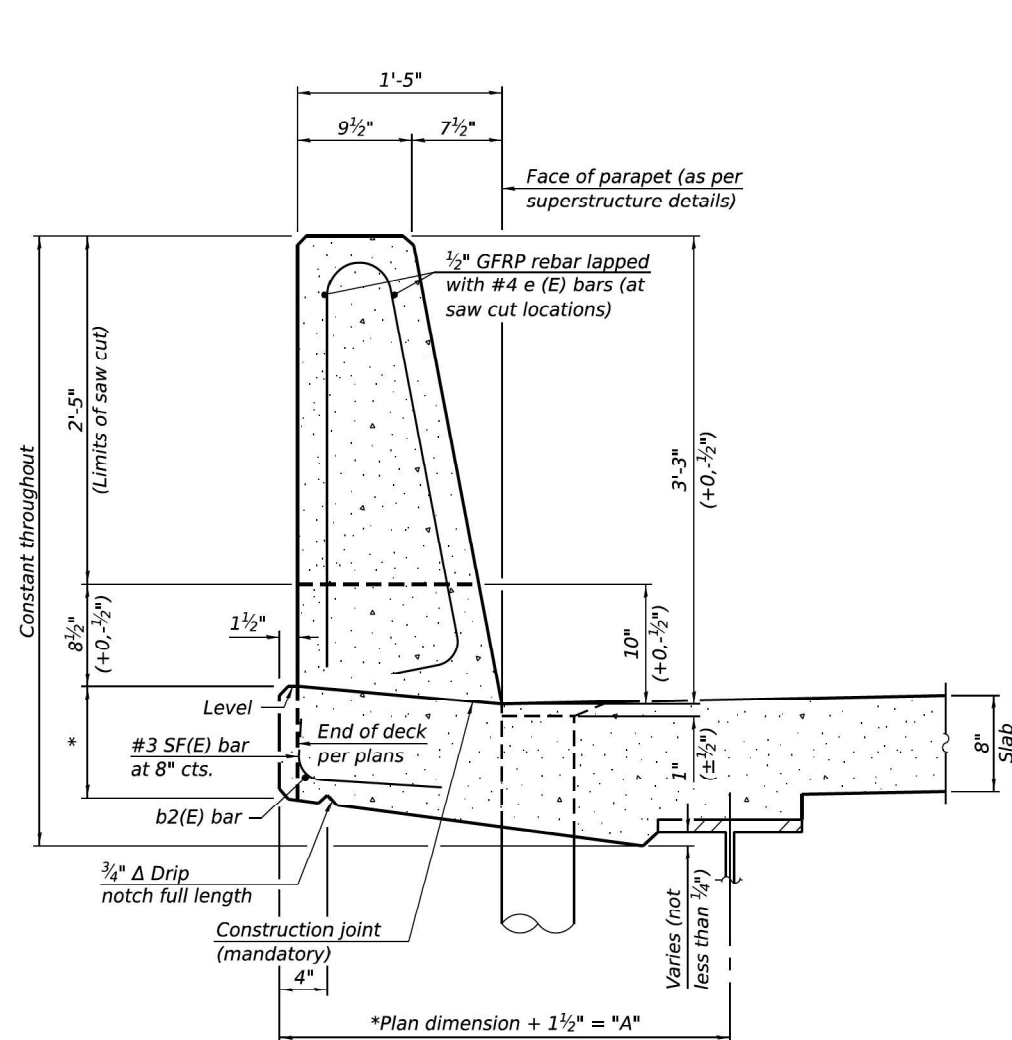
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	55
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

USER NAME = aunderw	DESIGNED - FS	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - AEU	REVISED -
PLOT DATE = 3/27/2025	DRAWN - WJH	REVISED -
	CHECKED - AEU	REVISED -



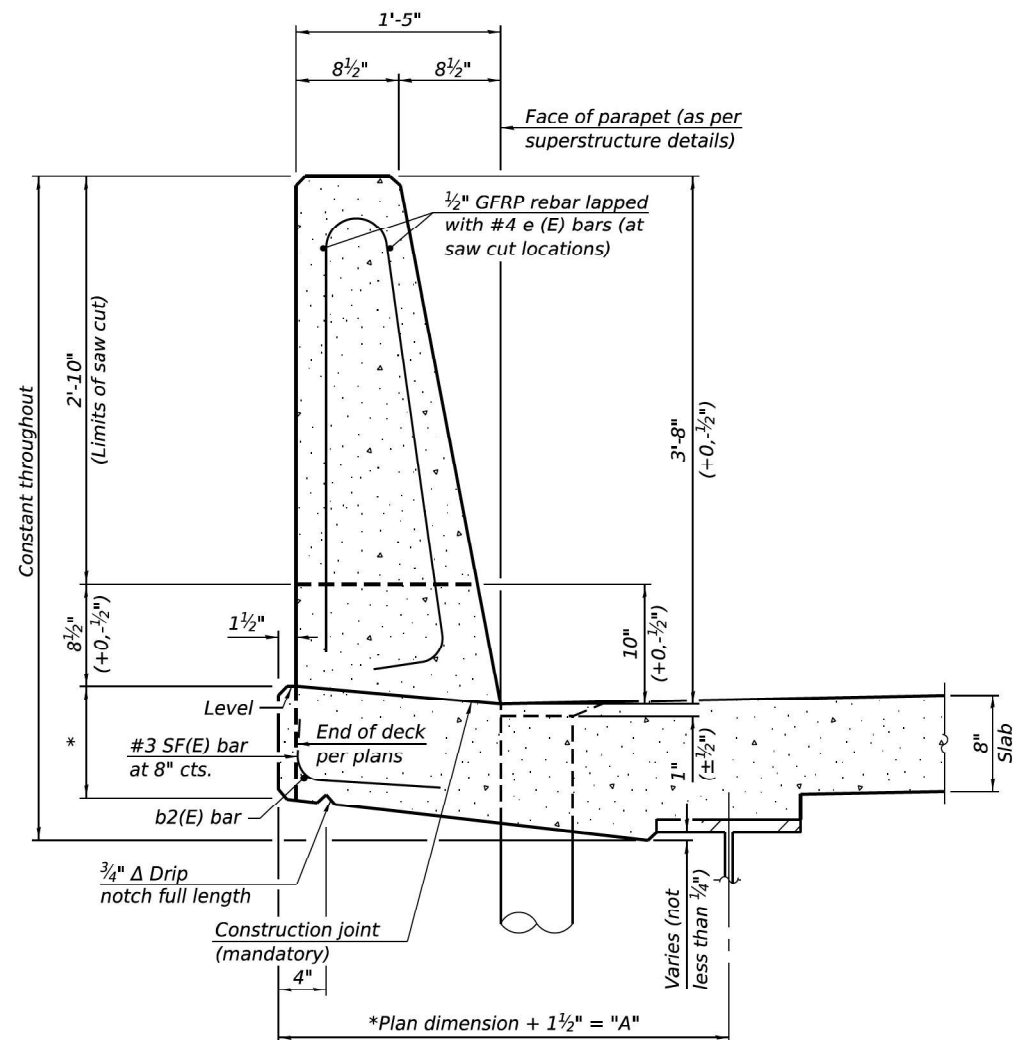
Notes:

1. See sheet 13 of 28 for superstructure details and Bill of Material.
2. See sheet 14 of 28 for PJF details, and View B-B.
3. See sheet 23 of 28 for additional details of PJF at wingwalls.



39" CONSTANT-SLOPE
PARAPET SECTION

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

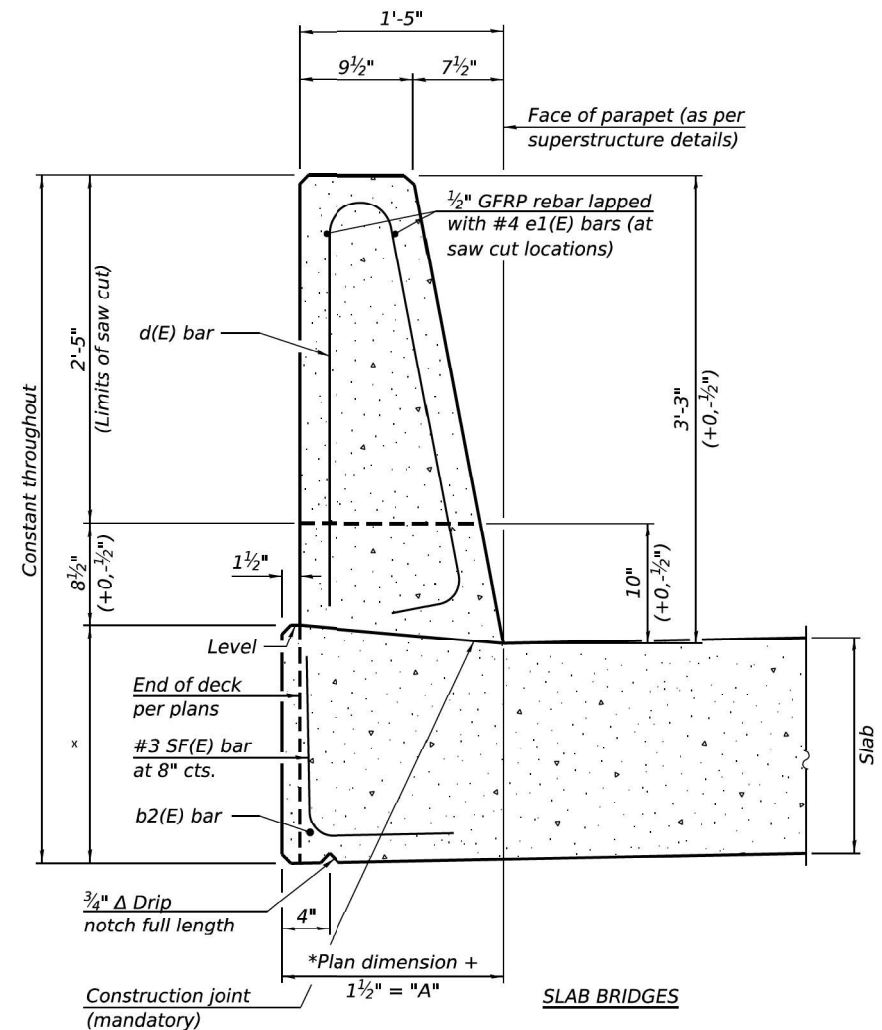


44" CONSTANT-SLOPE
PARAPET SECTION

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

STEEL SUPERSTRUCTURES

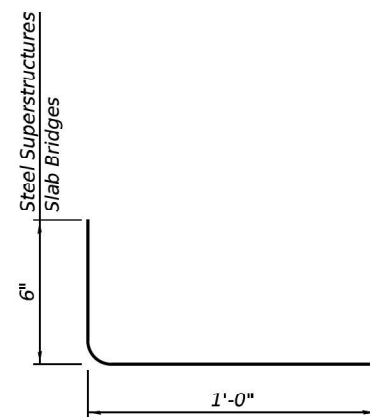
*See Superstructure Details.



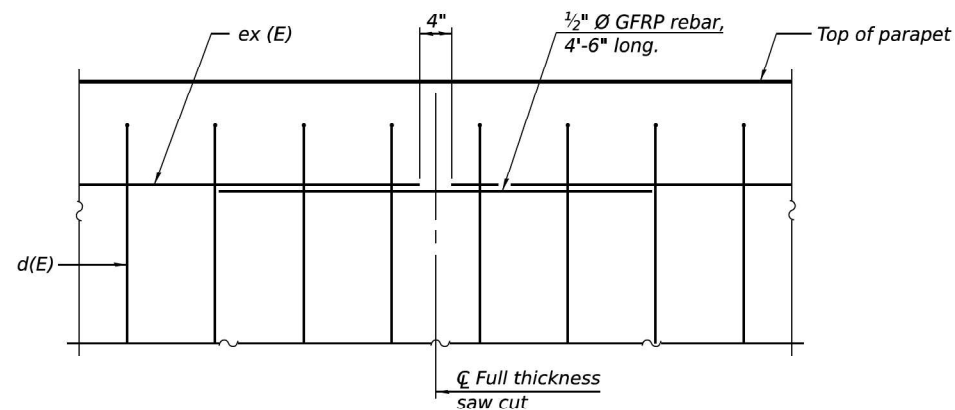
39" CONSTANT-SLOPE
PARAPET SECTION

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

SLAB BRIDGES



SF(E) BAR



DETAIL - GFRP REBAR STIFFENING ELEVATION

(Place as shown in parapet section
at each parapet joint location.)

Notes:

All dimensions shall remain the same as shown on superstructure details, except dimension "A" which is to be revised as shown.
Additional concrete needed to revise dimension "A" (39" and 44" parapets):
Steel Superstructures: 0.00348 cu. yds./ft.
Place full depth aluminum sheets as shown on superstructure details.
Replace all cork joint filler locations with a full thickness saw cut.

MODEL: ConcSlip [Sheet]
FILE NAME: \\hrgreen.com\hrg\Data\2023\2302696.02\CAD\Sheets\0380048-66F94-016-ConcParaSlip.dgn

SFP 39-44

10/27/2023



USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -

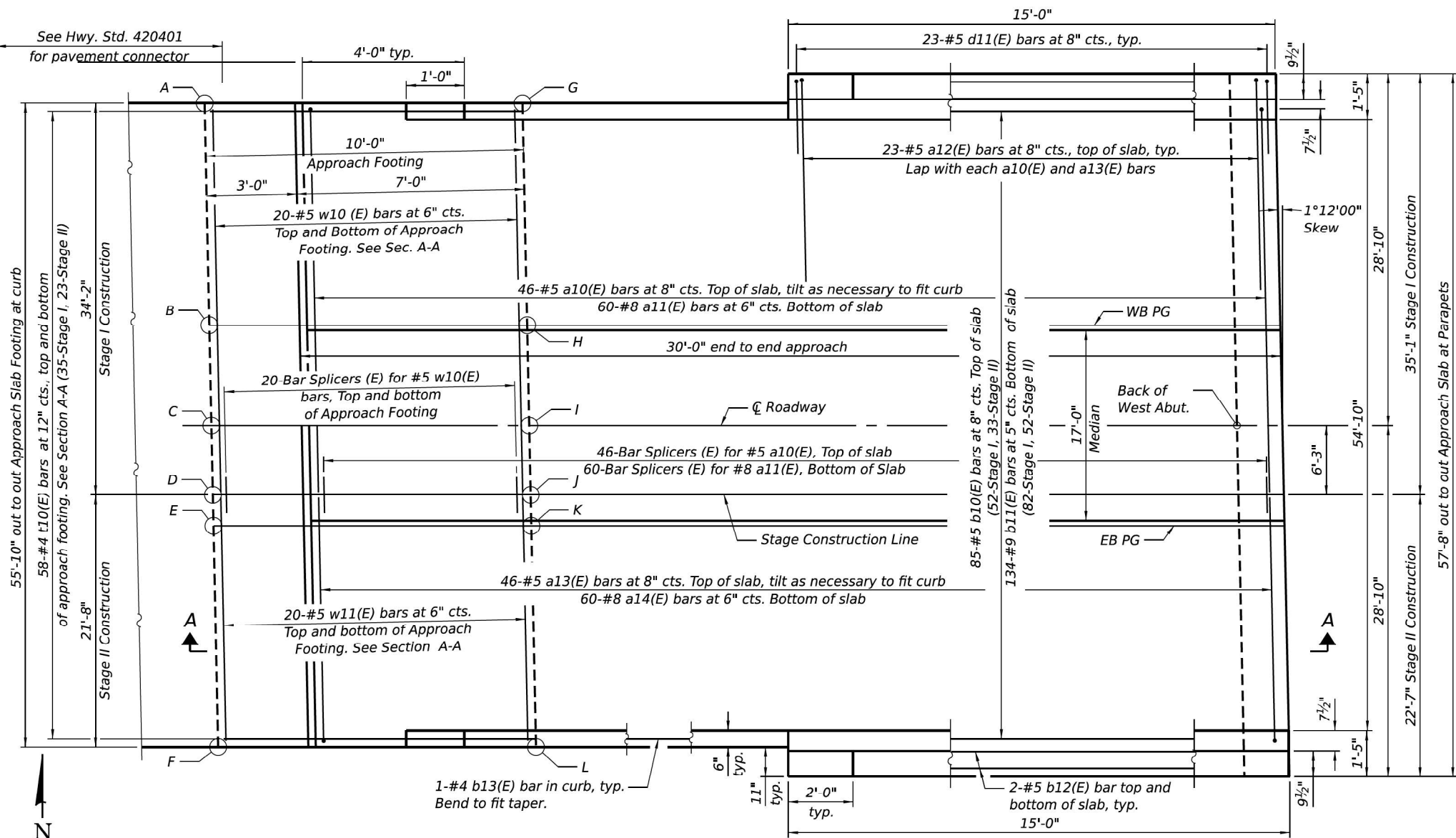
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE PARAPET SLIPFORMING
STRUCTURE NO. 038-0048

SHEET 16 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-SHB-4)BDR	IROQUOIS	81	57
CONTRACT NO. 06F94				
ILLINOIS FED. AID PROJECT				

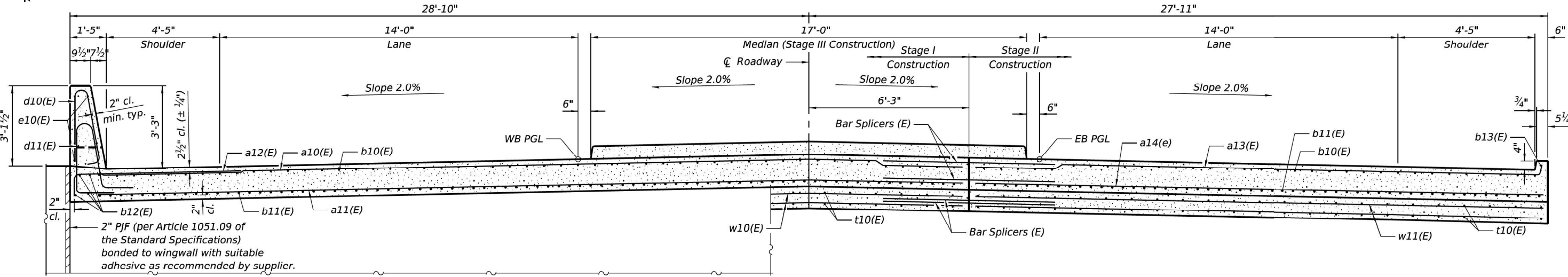
3/27/2025 11:13:40 AM



PLAN
(West approach shown, East approach similar)

TOP AND BOTTOM ELEVATIONS
FOR APPROACH FOOTING

West Approach			East Approach		
Point/Location	Top	Bottom	Point/Location	Top	Bottom
A - NW	690.25	689.41	A - SE	690.24	689.41
B - W. WB PGL	690.63	689.79	B - E. EB PGL	690.63	689.79
C - W. CL	690.81	689.98	C - E. SCJ	690.68	689.85
D - W. SCJ	690.93	690.10	D - E. CL	690.81	689.97
E - W. EB PGL	690.63	689.80	E - E. WB PGL	690.63	689.79
F - SW	690.25	689.42	F - NE	690.25	689.42
G - NE	690.32	689.48	G - SW	690.31	689.48
H - E. WB PGL	690.70	689.86	H - W. EB PGL	690.70	689.86
I - E. CL	690.88	690.05	I - W. SCJ	690.75	689.92
J - E. SCJ	690.75	689.92	J - W. CL	690.88	690.04
K - E. EB PGL	690.70	689.87	K - W. WB PGL	690.70	689.86
L - SE	690.32	689.49	L - NW	690.32	689.49



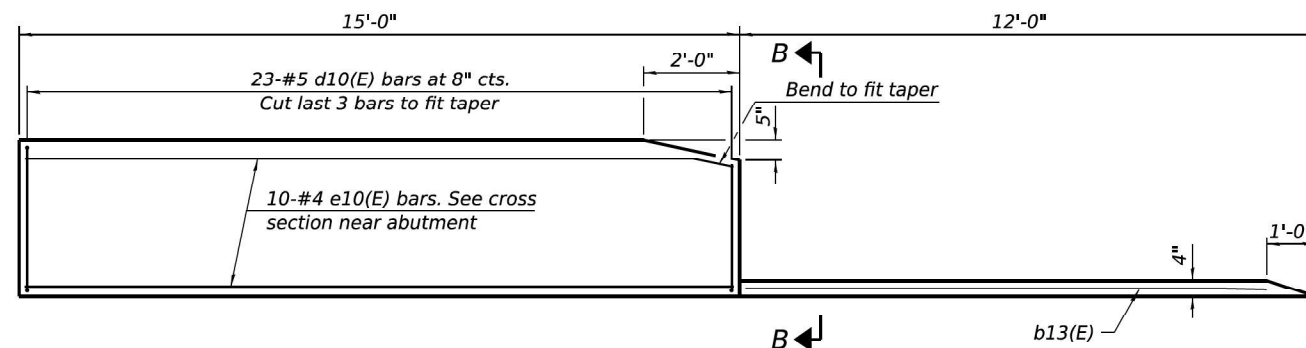
NEAR ABUTMENT

CROSS SECTION
(Looking East)

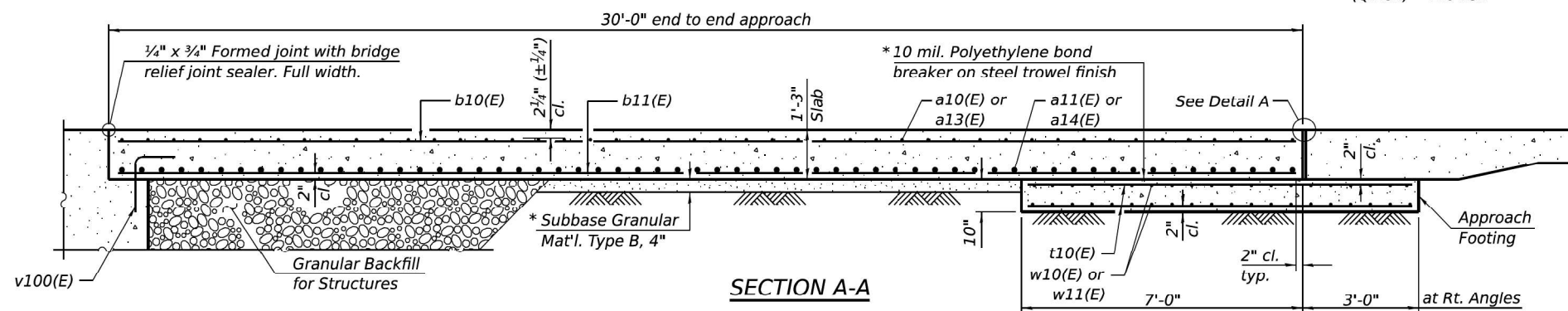
AT APPROACH FOOTING

(Sheet 1 of 2)

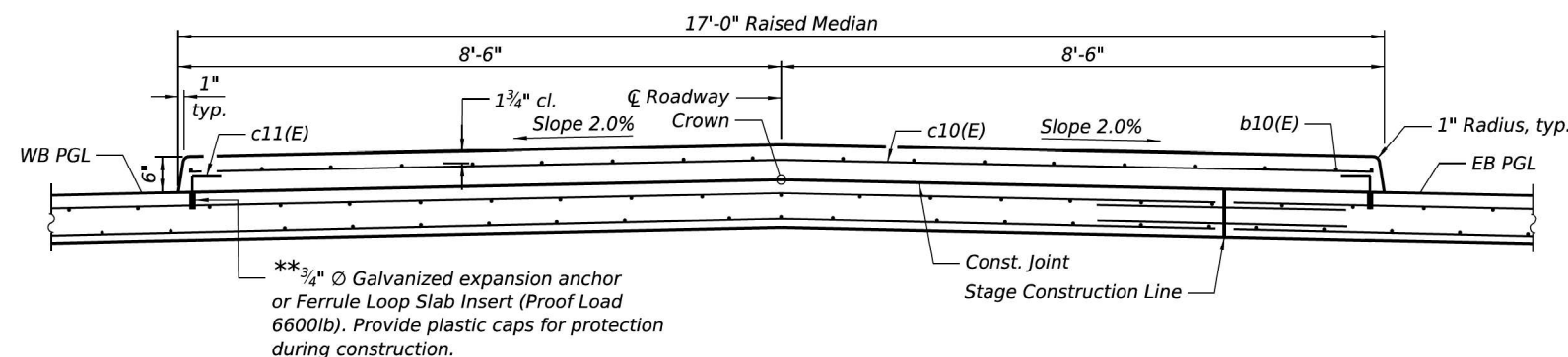
MODEL: Approach1 [Sheet]
FILE NAME: \\hrgreen.com\hrgreen\Drawings\2023\202302696.02\CAD\Sheets\0380048-66F94-017-BrApprSlab.dgn



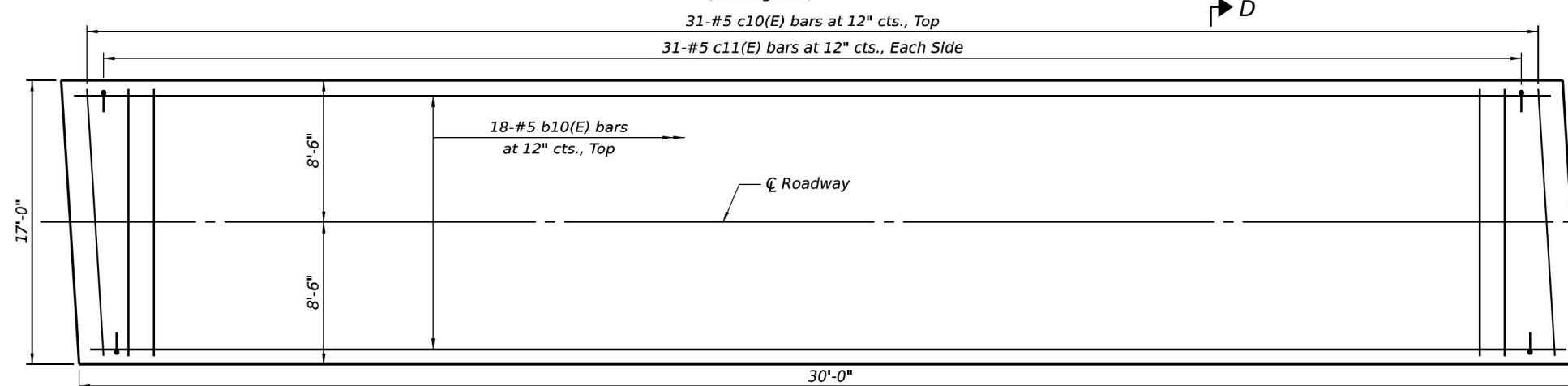
INSIDE ELEVATION OF PARAPET AND CURB



SECTION A-A



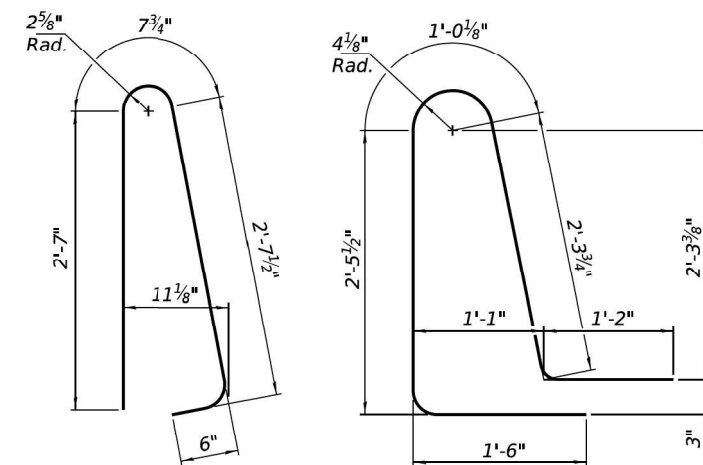
SECTION D-D
(Looking East)



APPROACH MEDIAN PLAN

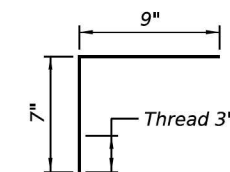
Notes:

1. The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.
2. Parapet concrete shall be paid for as Concrete Superstructure.
3. Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
4. Approach footing concrete shall be paid for as Concrete Structures.
5. Cost of excavation for approach footing included with Concrete Structures.
6. For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 28.
7. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

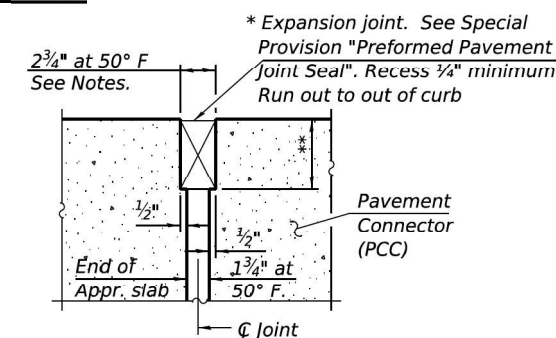


BAR d10(E)

BAR d11(E)



BAR c11(E)



DETAIL A

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	92	#5	34'- 3"	
a11(E)	120	#8	33'- 10"	
a12(E)	92	#5	7'- 4"	
a13(E)	92	#5	22'- 3"	
a14(E)	120	#5	21'- 4"	
b10(E)	170	#5	29'- 8"	
b11(E)	268	#9	29'- 8"	
b12(E)	16	#5	14'- 8"	
b13(E)	4	#4	11'- 0"	
c10(E)	62	#5	16'- 8"	
c11(E)	124	#5	1'- 4"	
d10(E)	92	#5	6'- 5"	
d11(E)	92	#5	8'- 6"	
e10(E)	40	#4	14'- 8"	
t10(E)	232	#4	9'- 8"	
w10(E)	80	#5	33'- 11"	
w11(E)	80	#5	21'- 5"	
Concrete Structures			Cu. Yd.	34.5
Concrete Superstructure			Cu. Yd.	7.8
Concrete Superstructure (Approach Slab)			Cu. Yd.	176.8
Reinforcement Bars, Epoxy Coated			Pound	61,400

* Cost included with Concrete Superstructure (Approach Slab).

** Per manufacturer recommendations

(Sheet 2 of 2)

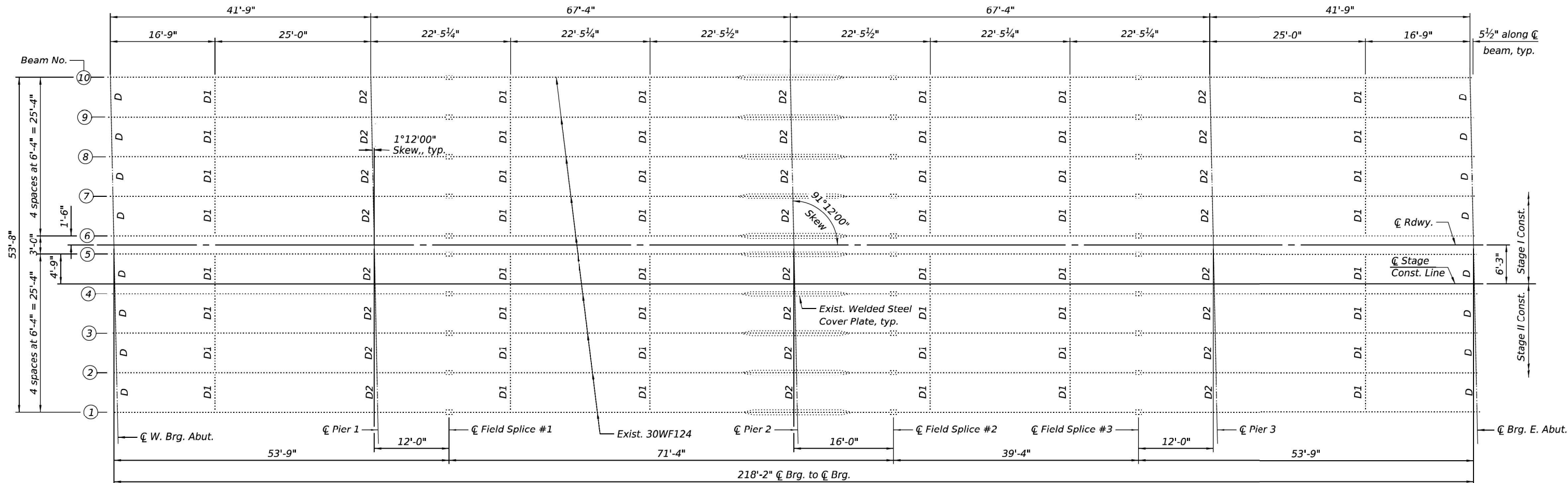
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 038-0048

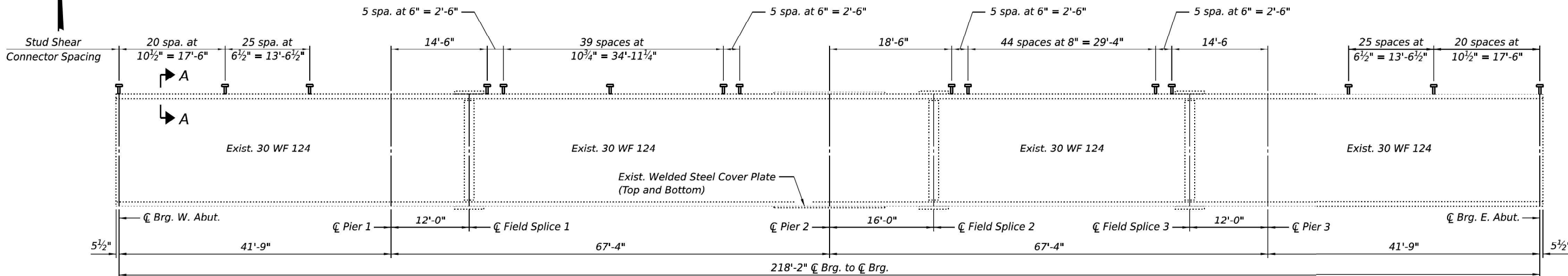
SHEET 18 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	59
		CONTRACT NO. 66F94		
ILLINOIS		FED. AID PROJECT		

USER NAME = aunderw	DESIGNED - FS	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - AEU	REVISED -
PLOT DATE = 3/27/2025	DRAWN - WJH	REVISED -
	CHECKED - AEU	REVISED -



FRAMING PLAN

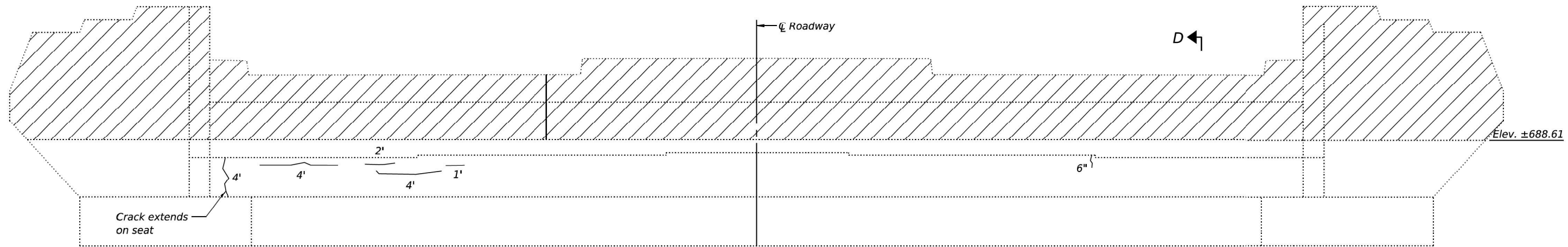


BEAM ELEVATION

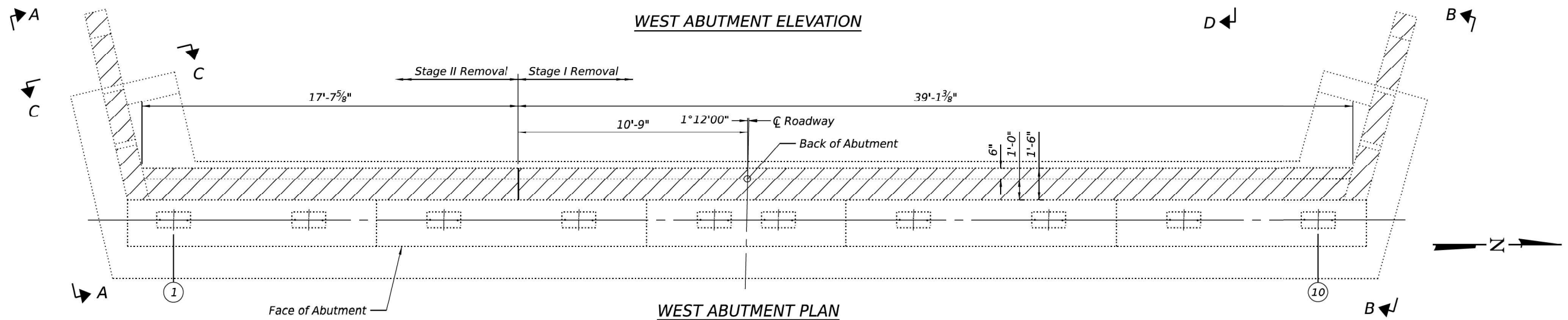
- Notes:
- See sheet 2 of 28 for Bill of Materials
 - See sheet 20 of 28 for Section A-A.

MODEL: Steel1 [Sheet]
FILE NAME: \\hrgreen.com\hrgreen\2023\202302696.02\CAD\Sheets\0380048-66F94-019-StrSteel.dgn

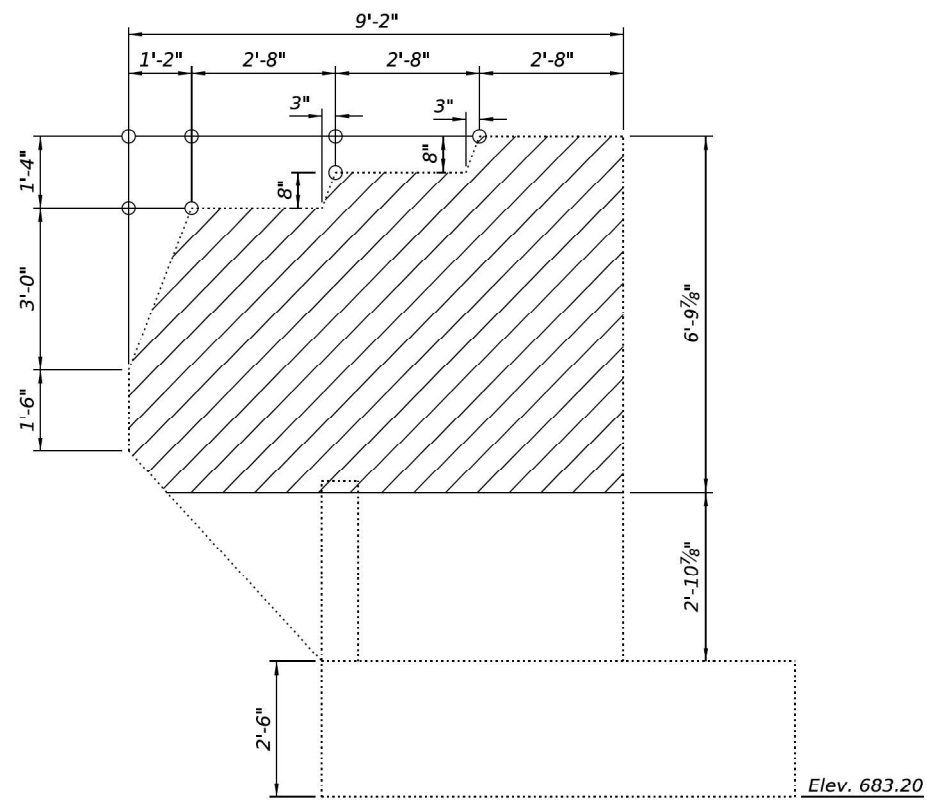
 HRGreen.com Illinois Professional Design Firm # 194-001322	USER NAME = aunderw	DESIGNED - FS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURAL STEEL STRUCTURE NO. 038-0048	SHEET 19 OF 28 SHEETS	FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - AEU	REVISED -				57	(38-5HB-4)BDR	ILROQUOIS	81	60
	PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -				CONTRACT NO. 66F94		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -								



WEST ABUTMENT ELEVATION

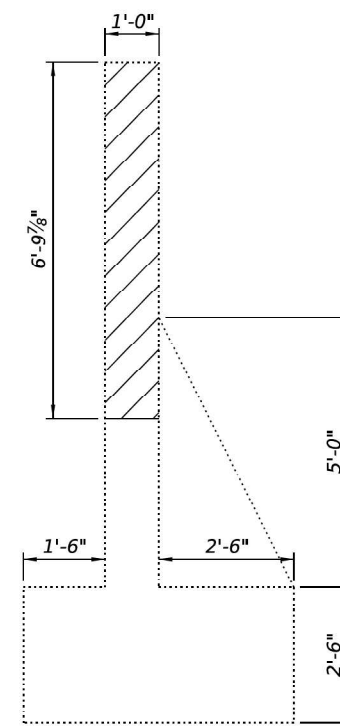


WEST ABUTMENT PLAN



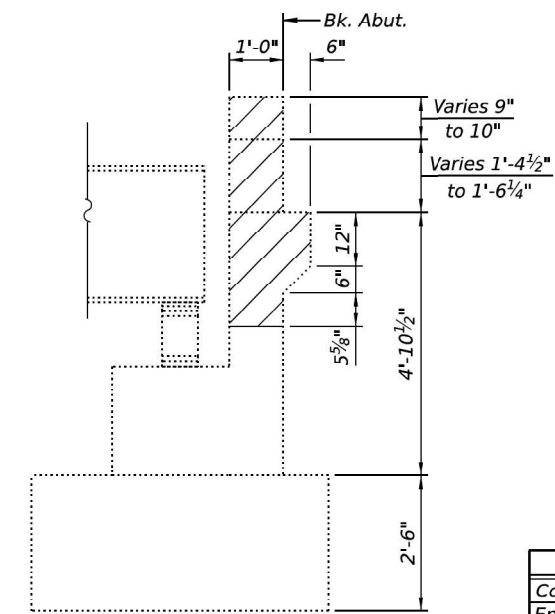
VIEW A-A

Elevation B-B Similar, at Opposite Hand



SECTION C-C

Note:
Existing reinforcement shall be cleaned, straightened,
and incorporated into new construction. Cost included
with Concrete Removal.



SECTION D-D

BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	12.5
Epoxy Crack Injection	Foot	15.5

LEGEND

- Epoxy Crack Injection
- Concrete Removal

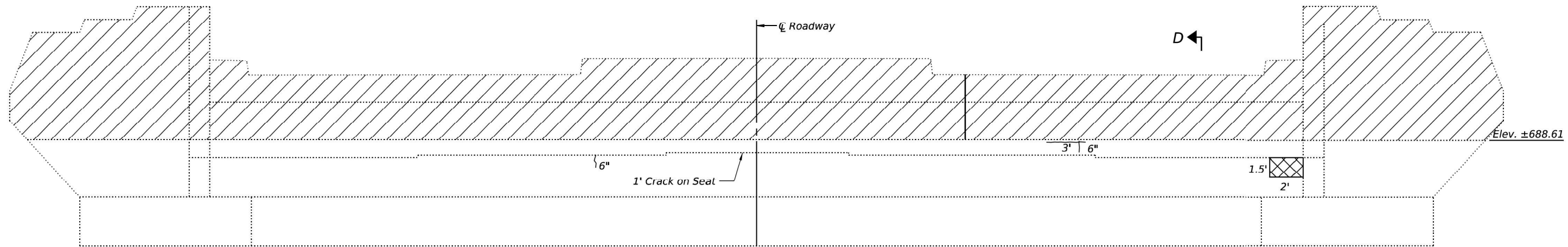
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT REMOVAL & REPAIRS
STRUCTURE NO. 038-0048

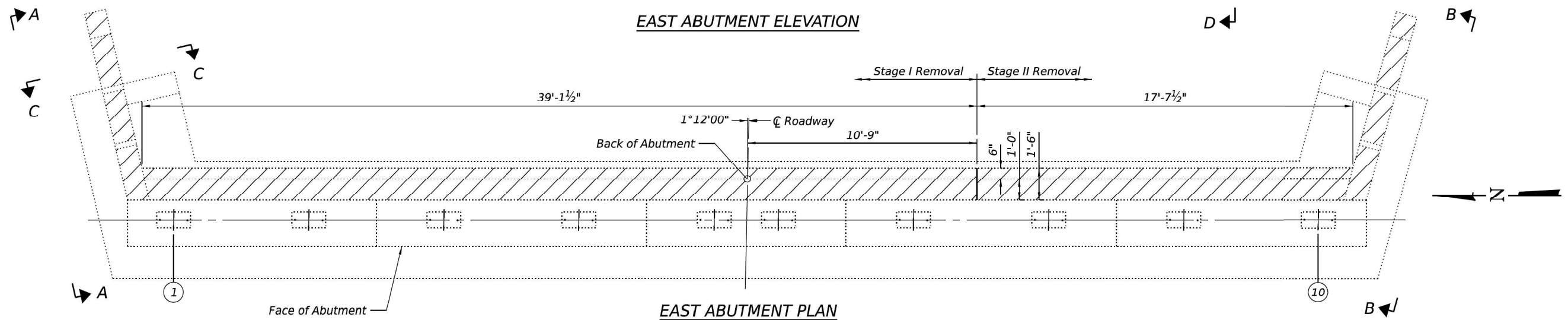
SHEET 21 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	62
				CONTRACT NO. 66F94
				ILLINOIS FED. AID PROJECT

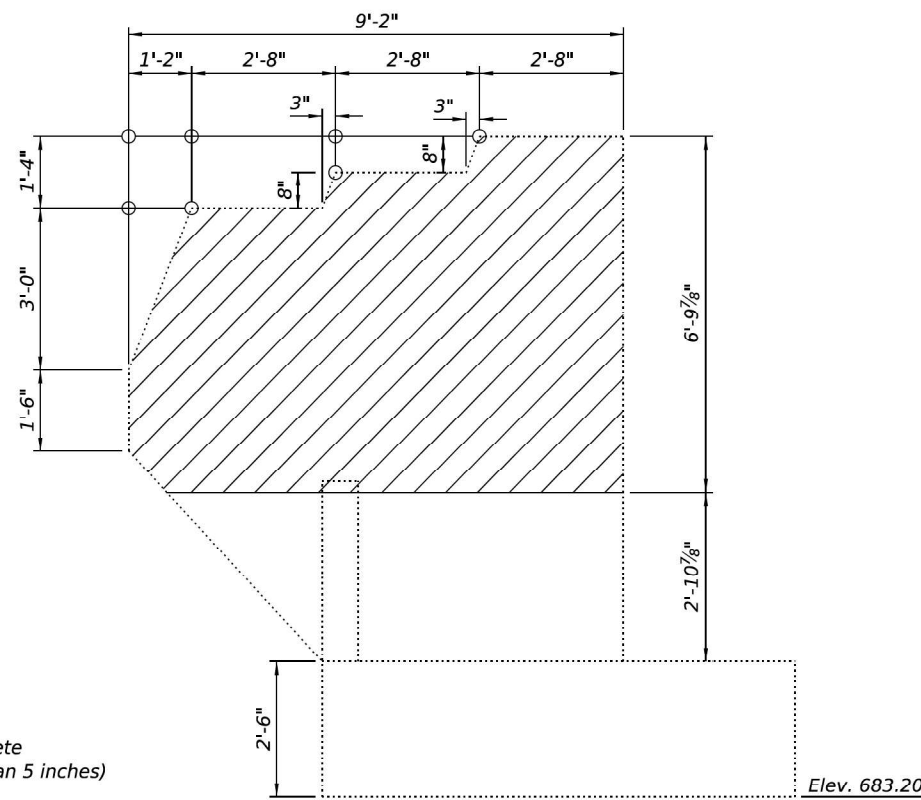
USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -



EAST ABUTMENT ELEVATION

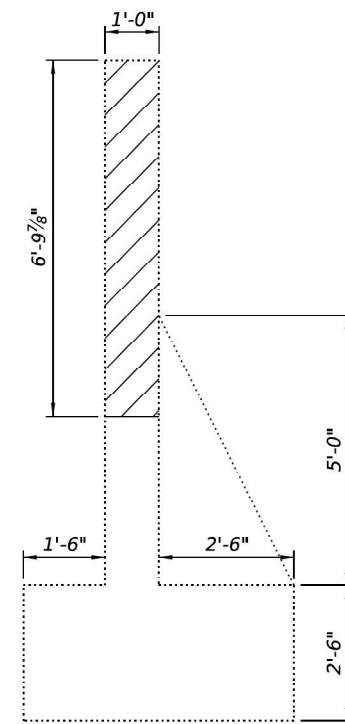


EAST ABUTMENT PLAN

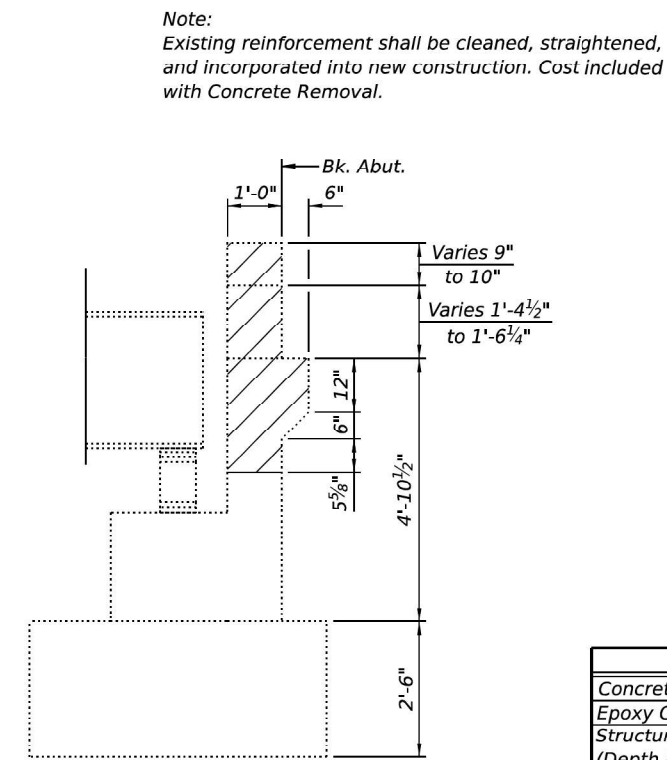


VIEW A-A

Elevation B-B Similar, at Opposite Hand



SECTION C-C



SECTION D-D

Note:
Existing reinforcement shall be cleaned, straightened,
and incorporated into new construction. Cost included
with Concrete Removal.

BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	12.5
Epoxy Crack Injection	Foot	5.0
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	3

LEGEND

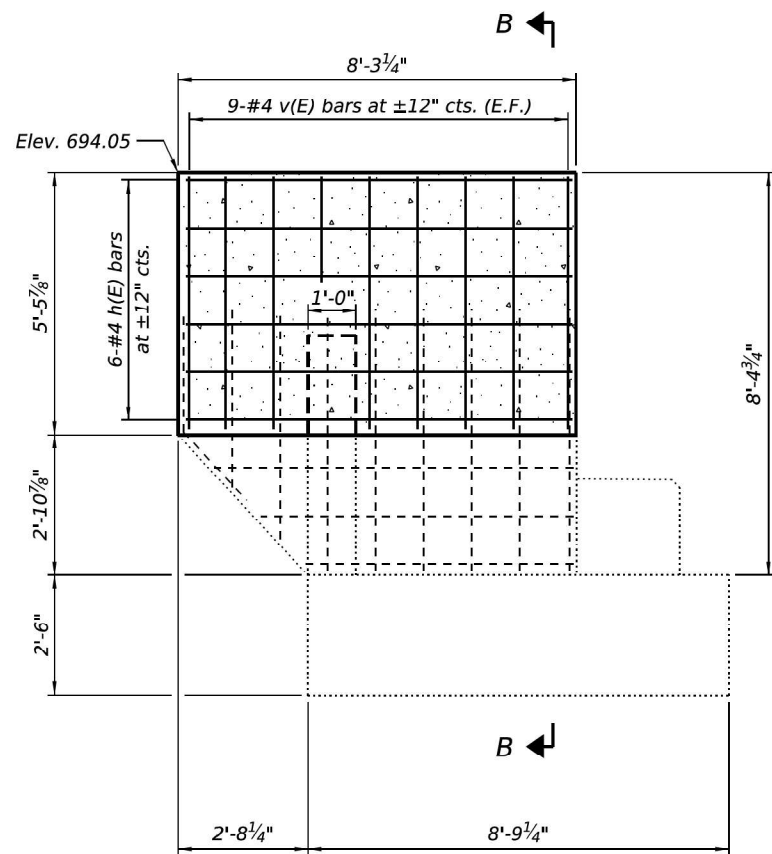
- Epoxy Crack Injection
- Structural Repair of Concrete
(Depth Equal to or Less than 5 inches)
- Concrete Removal

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST ABUTMENT REMOVAL & REPAIRS
STRUCTURE NO. 038-0048

SHEET 22 OF 28 SHEETS

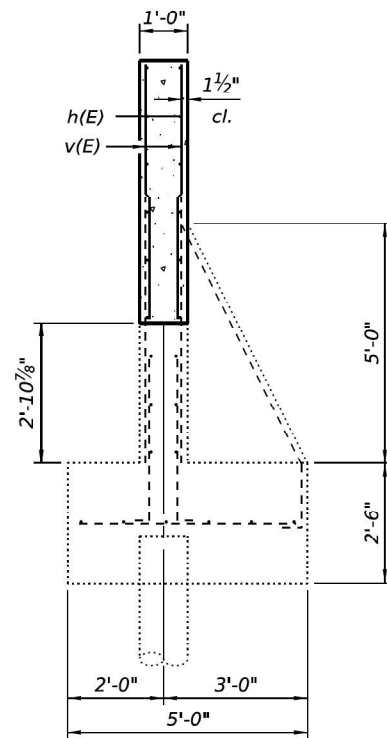
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	63
		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 66F94



ELEVATION WINGWALL 1

Elevation Wingwall 2 similar
at opposite hand

Note:
Existing reinforcement shall be cleaned, straightened,
and incorporated into the new construction.
Cost included with Concrete Removal.



SECTION B-B

BILL OF MATERIALS
WEST ABUTMENT

Bar	No.	Size	Length	Shape
h(E)	24	#4	8'- 1"	————
v(E)	36	#4	5'- 3"	————
Concrete Structures			Cu. Yd.	3.4
Reinforcement Bars, Epoxy Coated			Pound	260

BILL OF MATERIALS
EAST ABUTMENT

Bar	No.	Size	Length	Shape
h(E)	24	#4	8'- 1"	————
v(E)	36	#4	5'- 3"	————
Concrete Structures			Cu. Yd.	3.4
Reinforcement Bars, Epoxy Coated			Pound	260

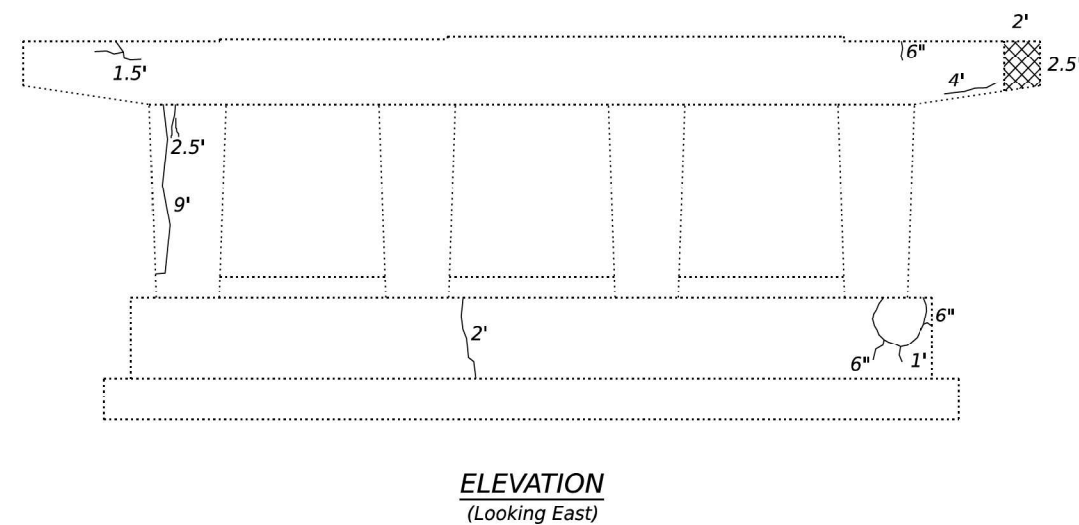
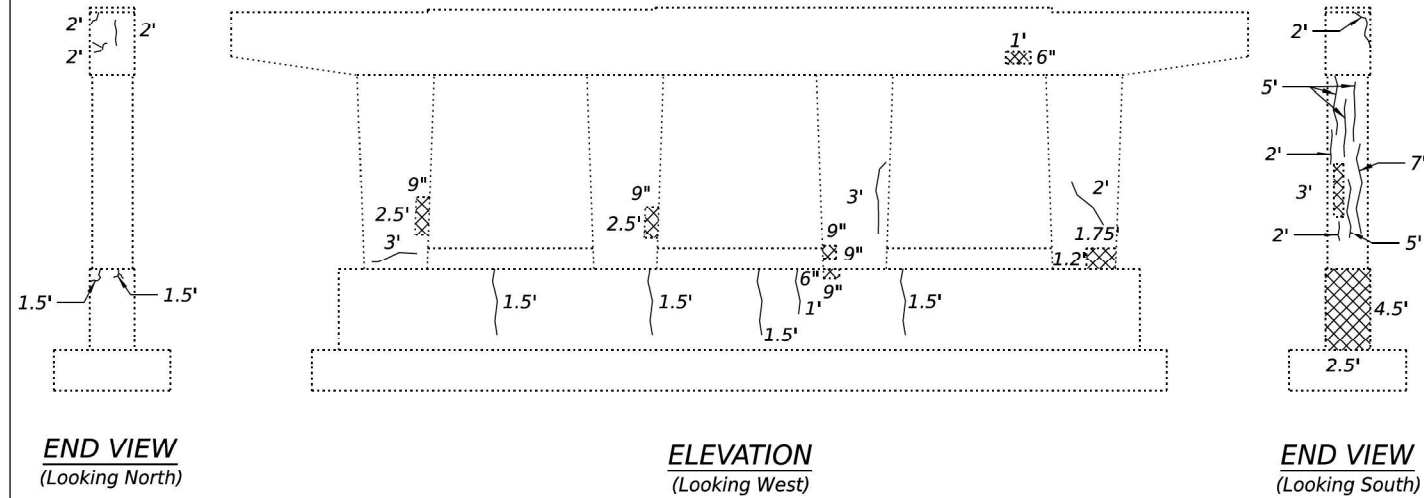
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT WINGWALLS
STRUCTURE NO. 038-0048

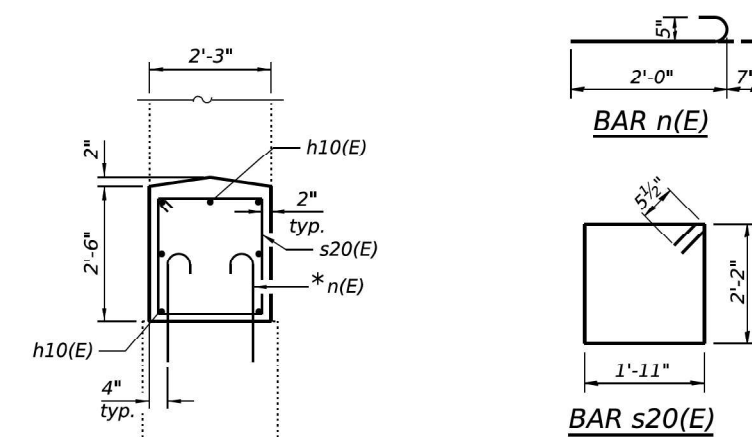
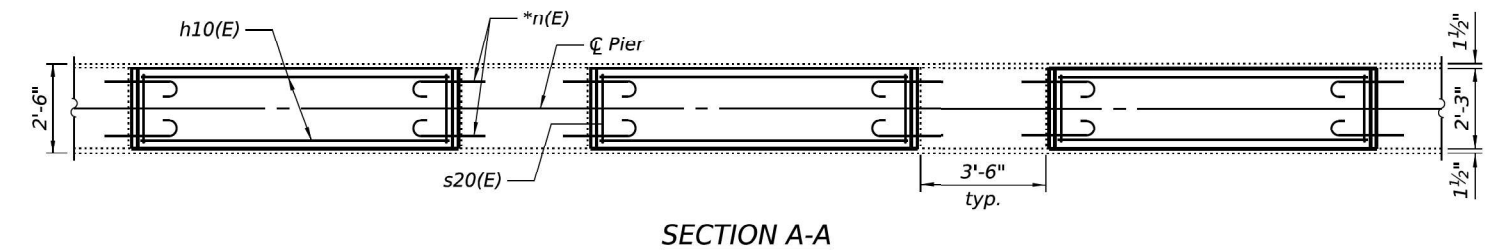
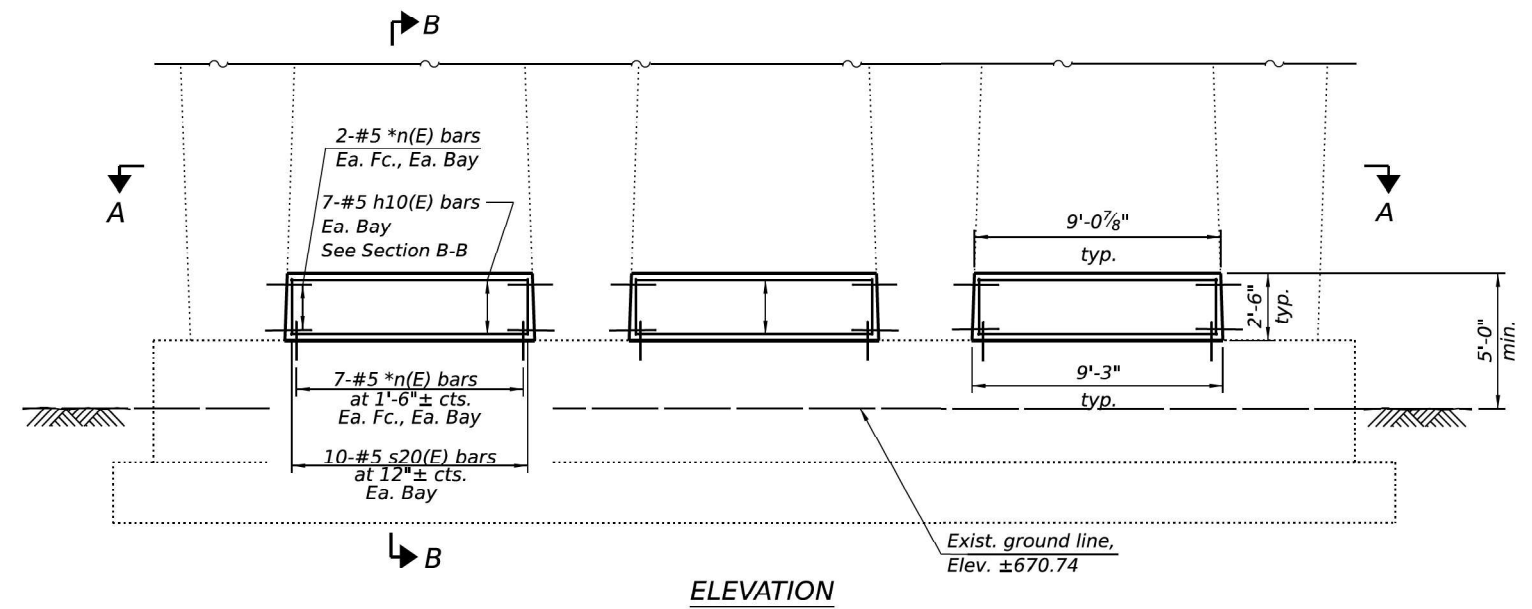
SHEET 24 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	65
CONTRACT NO. 06F94				
ILLINOIS FED. AID PROJECT				

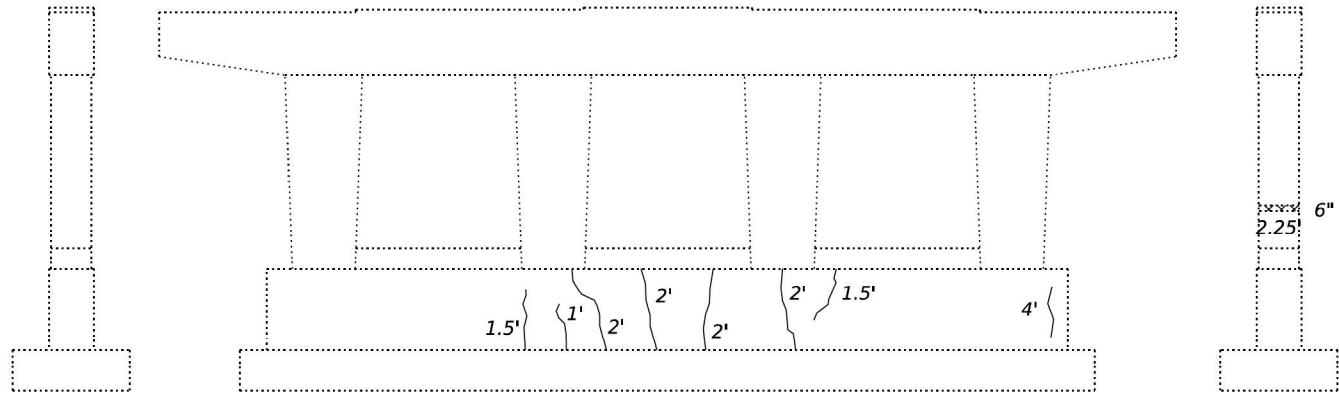
USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -



Note:
Areas of substructure repair are estimated based off the approved 2021 Bridge Condition Report. The Engineer shall sound all exposed surfaces of the existing pier to determine exact limits of repairs.



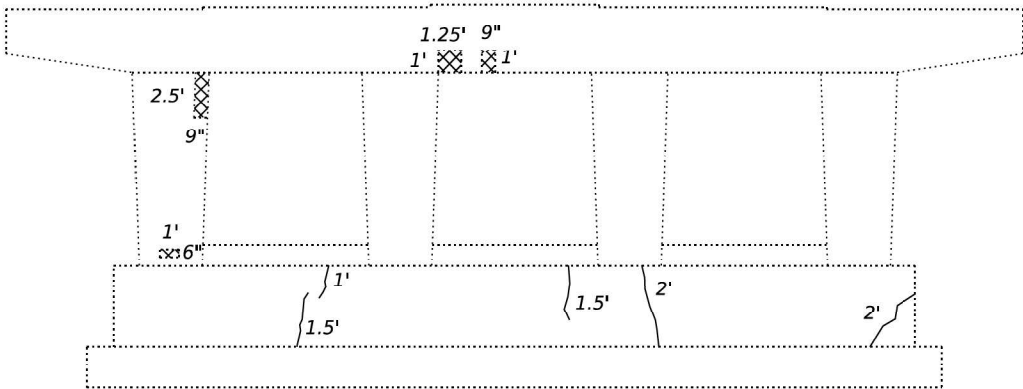
Bar	No.	Size	Length	Shape
h10(E)	21	#5	8'- 8"	
n(E)	66	#5	2'-7"	
s20(E)	30	#5	9'-1"	
Concrete Structures			Cu. Yd.	1.9
Reinforcement Bars, Epoxy Coated			Pound	650
Epoxy Crack Injection			Foot	78.5
Structural Repair of Concrete (Depth Equal or Less than 5")			Sq. Ft.	26.0



END VIEW
(Looking North)

ELEVATION
(Looking West)

END VIEW
(Looking South)

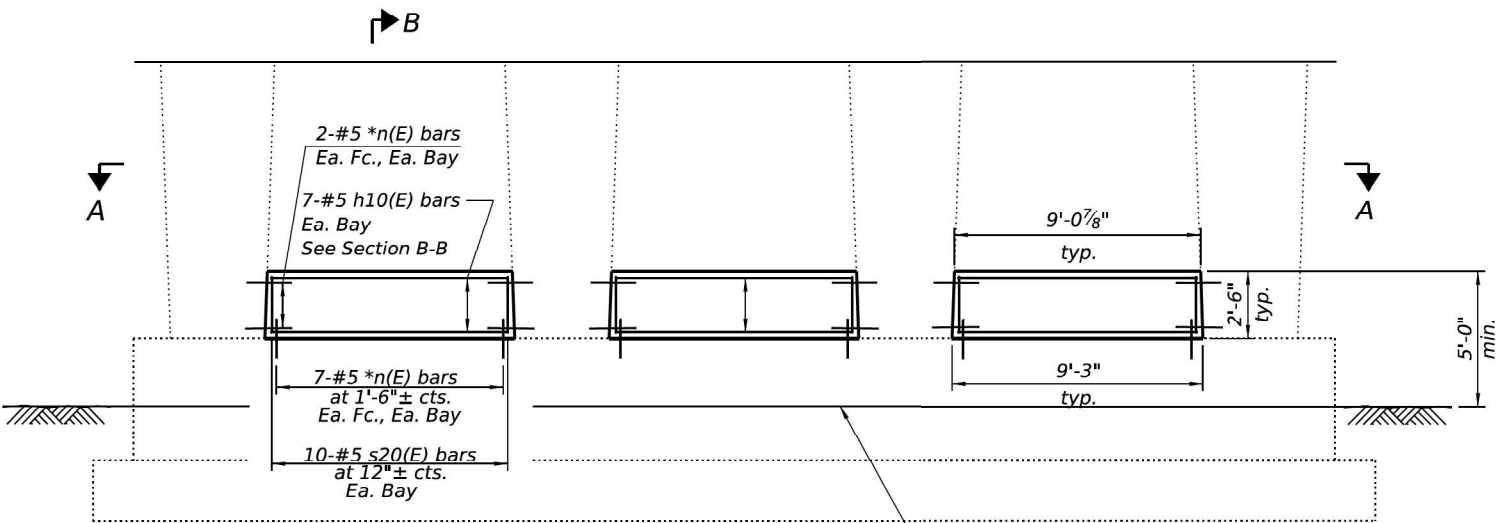


ELEVATION
(Looking East)

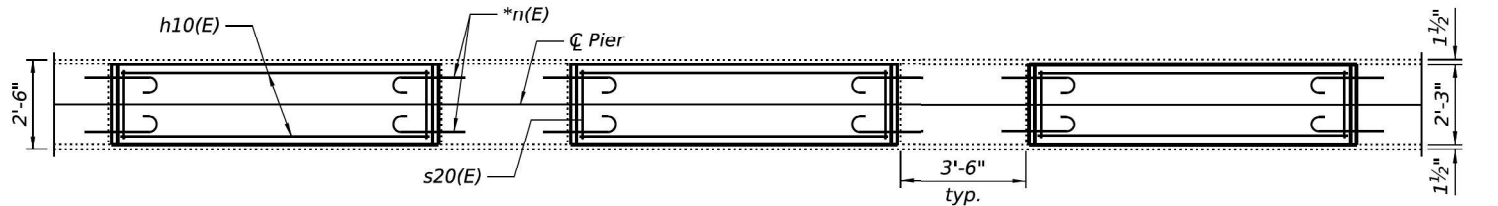
LEGEND

- ~ Epoxy Crack Injection
- Limits of Structural Repair of Concrete
(Depth Equal to or Less than 5 inches)

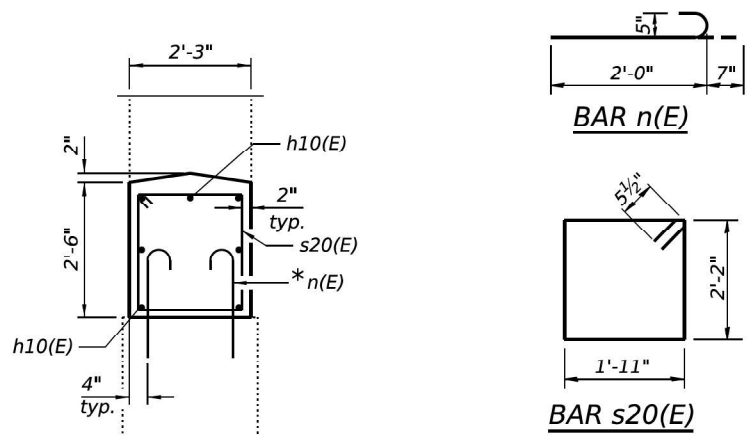
Note:
Areas of substructure repair are estimated based off the approved 2021 Bridge Condition Report. The Engineer shall sound all exposed surfaces of the existing pier to determine exact limits of repairs.



ELEVATION



SECTION A-A



*Epoxy grout n(E) bars in 9" min. drilled holes according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.

BILL OF MATERIALS

Bar	No.	Size	Length	Shape
h10(E)	21	#5	8'- 8"	
n(E)	66	#5	2'-7"	
s20(E)	30	#5	9'-1"	
Concrete Structures			Cu. Yd.	1.9
Reinforcement Bars, Epoxy Coated			Pound	650
Epoxy Crack Injection			Foot	24
Structural Repair of Concrete (Depth Equal or Less than 5")			Sq. Ft.	5.5

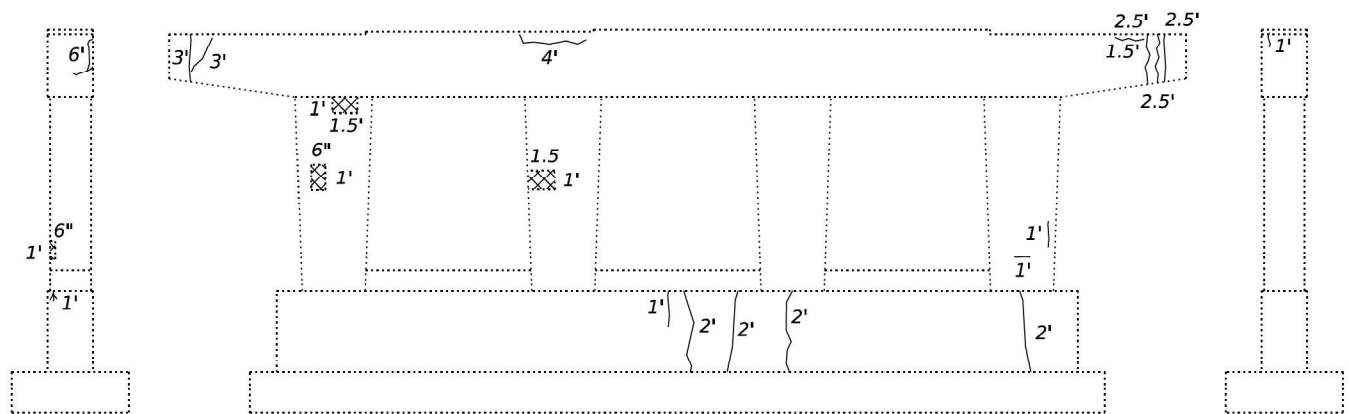
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 2 DETAILS
STRUCTURE NO. 038-0048

SHEET 26 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	67
				CONTRACT NO. 66F94
				ILLINOIS FED. AID PROJECT

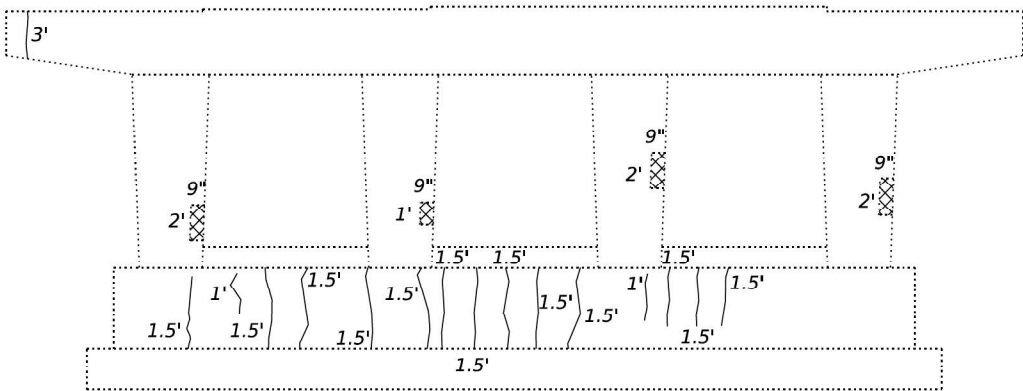
USER NAME = aunderw	DESIGNED - FS	REVISED -
CHECKED - AEU	REVISED -	
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -



END VIEW
(Looking North)

ELEVATION
(Looking West)

END VIEW
(Looking South)

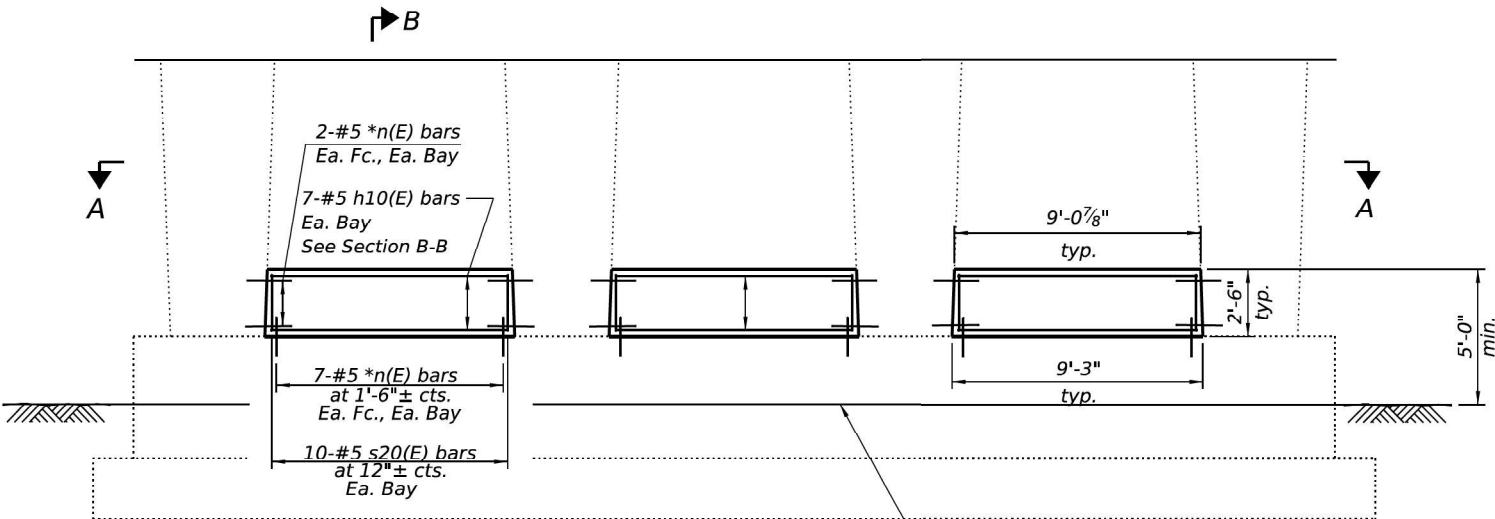


ELEVATION
(Looking East)

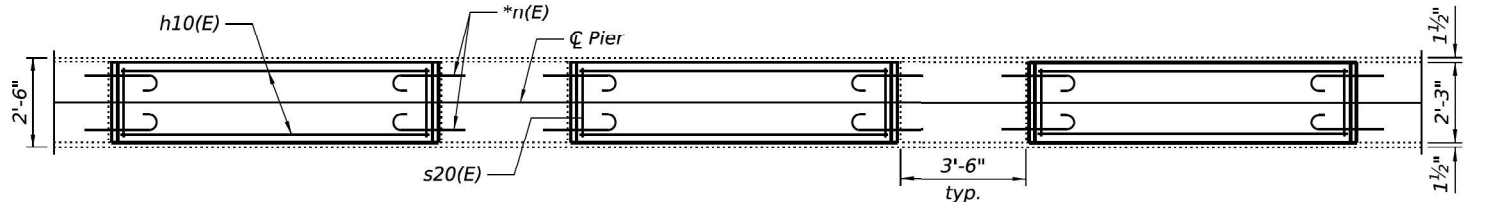
LEGEND

- ~ Epoxy Crack Injection
- Limits of Structural Repair of Concrete (Depth Equal to or Less than 5 inches)

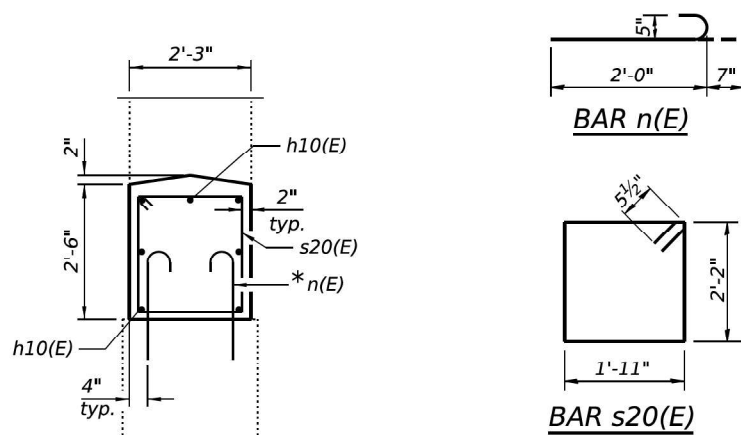
Note:
Areas of substructure repair are estimated based off the approved 2021 Bridge Condition Report. The Engineer shall sound all exposed surfaces of the existing pier to determine exact limits of repairs.



ELEVATION



SECTION A-A



SECTION B-B

*Epoxy grout n(E) bars in 9" min. drilled holes according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.

BILL OF MATERIALS

Bar	No.	Size	Length	Shape
h10(E)	21	#5	8'- 8"	
n(E)	66	#5	2'-7"	
s20(E)	30	#5	9'-1"	
Concrete Structures			Cu. Yd.	1.9
Reinforcement Bars, Epoxy Coated			Pound	650
Epoxy Crack Injection			Foot	69
Structural Repair of Concrete (Depth Equal or Less than 5")			Sq. Ft.	9.8

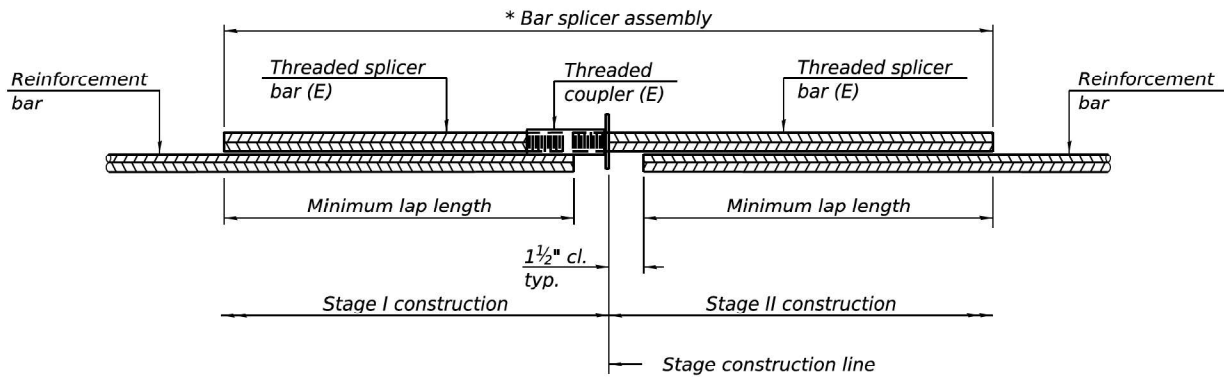
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 3 DETAILS
STRUCTURE NO. 038-0048

SHEET 27 OF 28 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	68
				CONTRACT NO. 66F94
				ILLINOIS FED. AID PROJECT

USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -



STANDARD BAR SPLICER ASSEMBLY PLAN

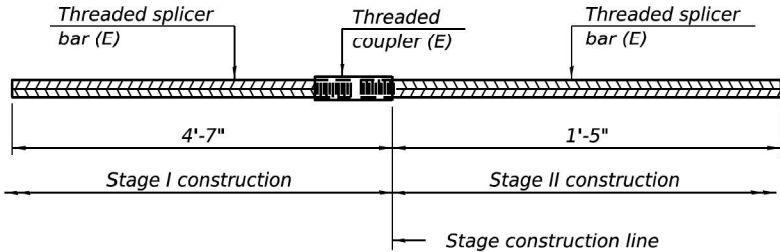
Only bar splicer assemblies as presented on the approved QPL list may be used.

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

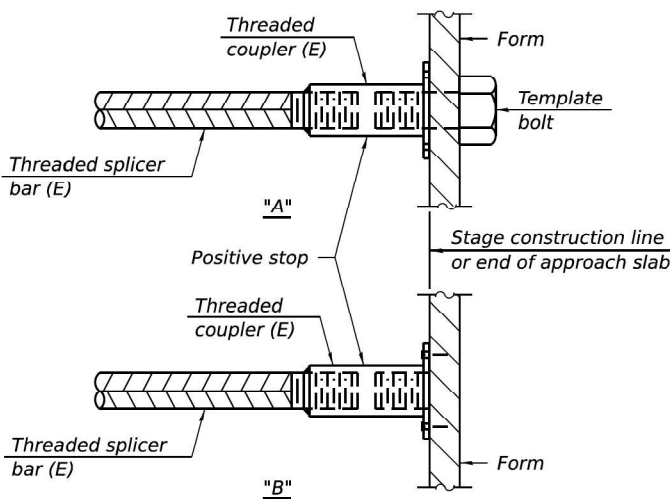
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar Size	No. assemblies required	Minimum lap length
Deck Top	#5	407	3'-0"
Deck Bottom	#5	265	3'-6"
Abutment Diaphragm, Back Face	#4	4	2'-8"
Abutment Diaphragm, Back Face	#6	8	4'-0"
Abutment Diaphragm, Front Face	#6	4	**
Approach Slab Top	#5	92	3'-4"
Approach Slab Bottom	#8	120	4'-9"
Approach Slab Footing	#5	80	3'-2"

** See Diaphragm Bar Splicer Detail



DIAPHRAGM BAR SPLICER DETAIL

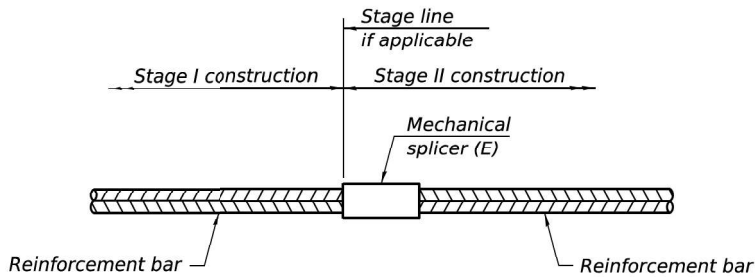


INSTALLATION AND SETTING METHODS

"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

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



HRGreen.com
Professional Design Firm
154-001322

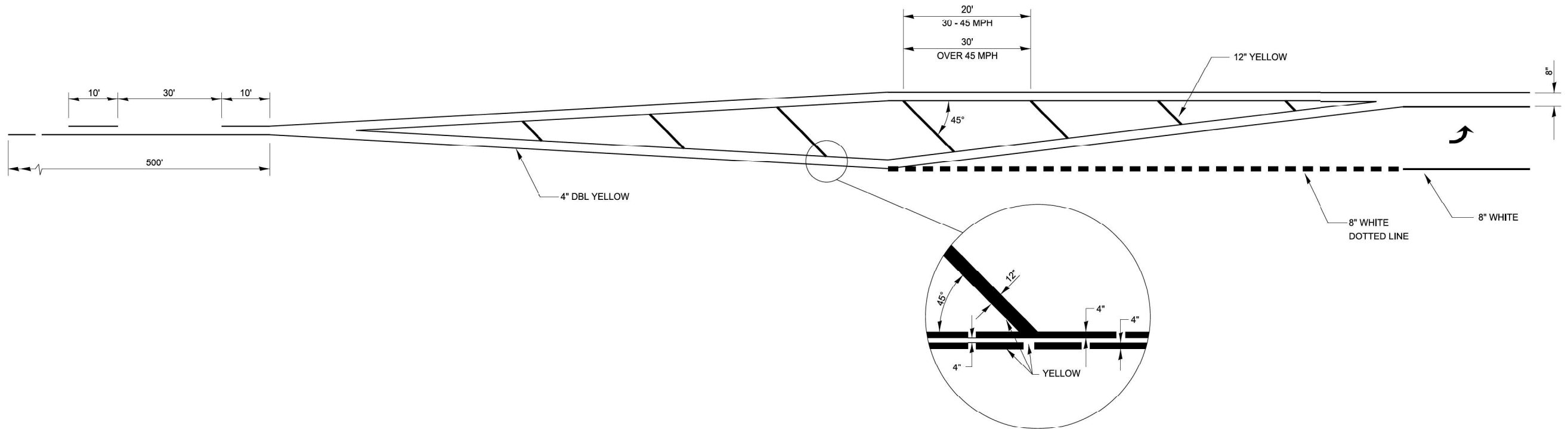
USER NAME = aunderw	DESIGNED - FS	REVISED -
	CHECKED - AEU	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 3/27/2025	CHECKED - AEU	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

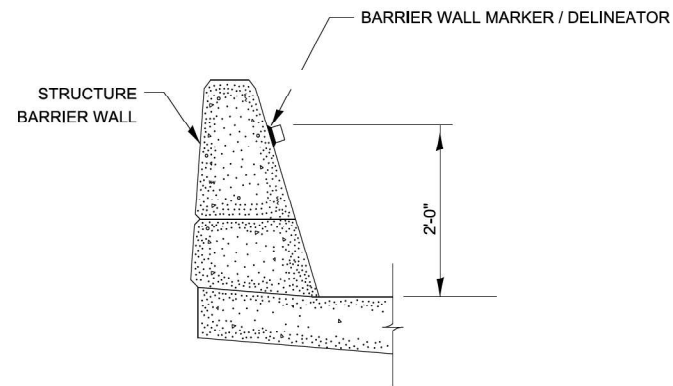
BAR SPLICER ASSMEBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 038-0048

SHEET 28 OF 28 SHEETS

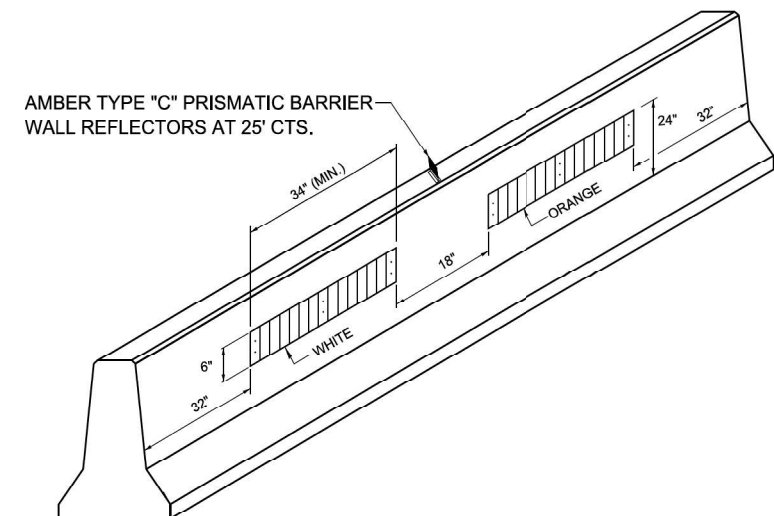
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-SHB-4)BDR	IROQUOIS	81	69
				CONTRACT NO. 66F94
		ILLINOIS	FED. AID PROJECT	



LEFT TURN LANE WITH APPROACH MEDIAN



BARRIER WALL MARKER



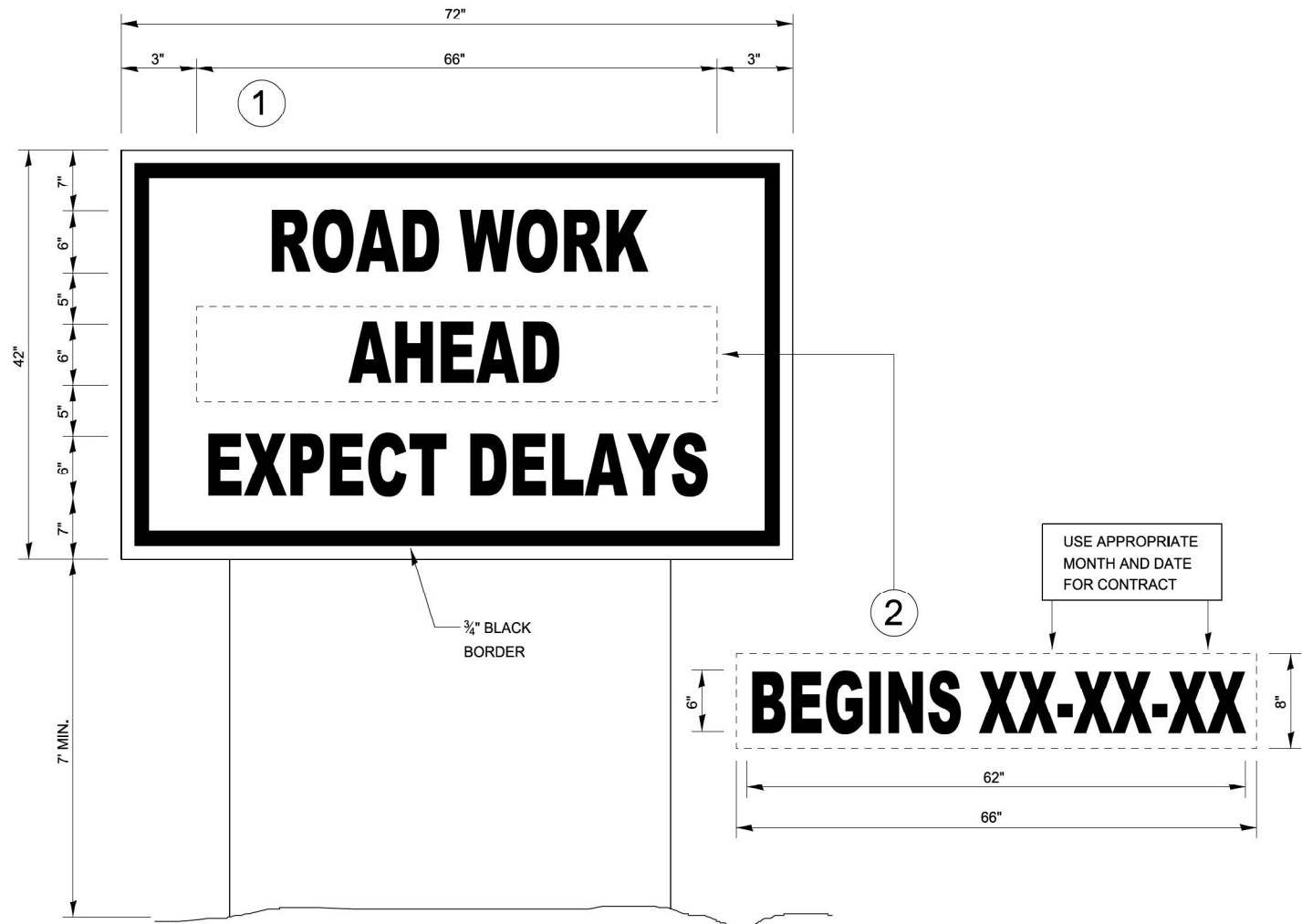
**LINEAR DELINEATOR PANELS
FOR TEMPORARY CONCRETE BARRIER**

MODEL: District Details-3 [Sheet]
FILE NAME: Q:\2022\3\DOTCAD CONNECT\240606.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-514-districtdetails.dgn

USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	70
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

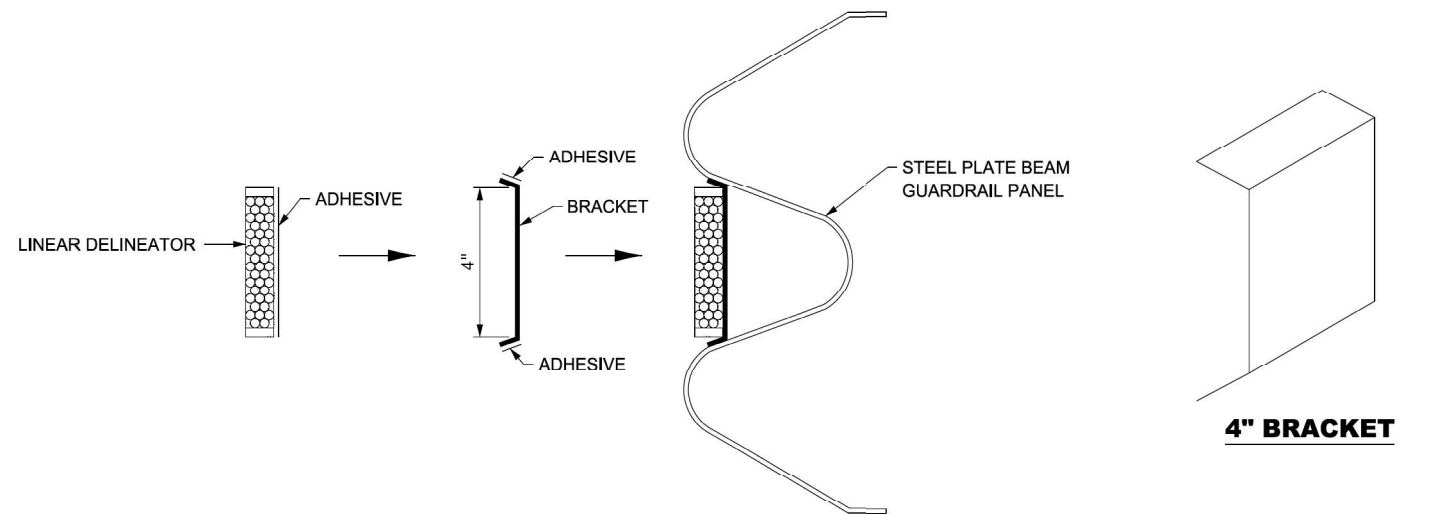
MODEL: District Details-2 [Sheet]
FILE NAME: C:\2022\3\DOTCAD CONNECT\240606.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-514-districtdetails.dgn



TEMPORARY INFORMATION SIGNING

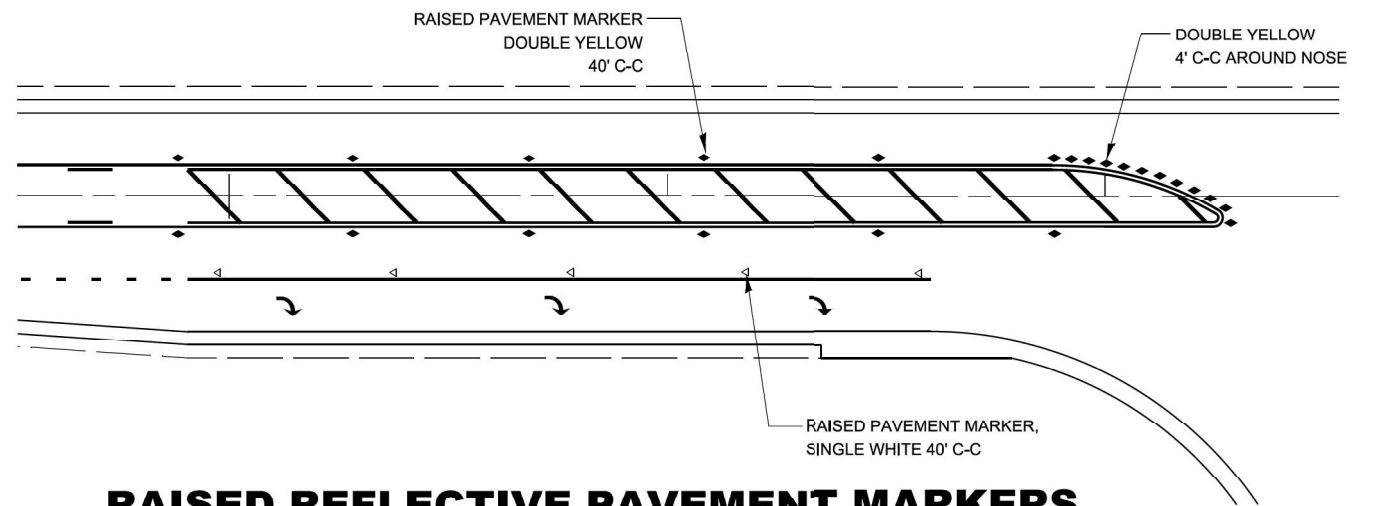
NOTES:

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



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

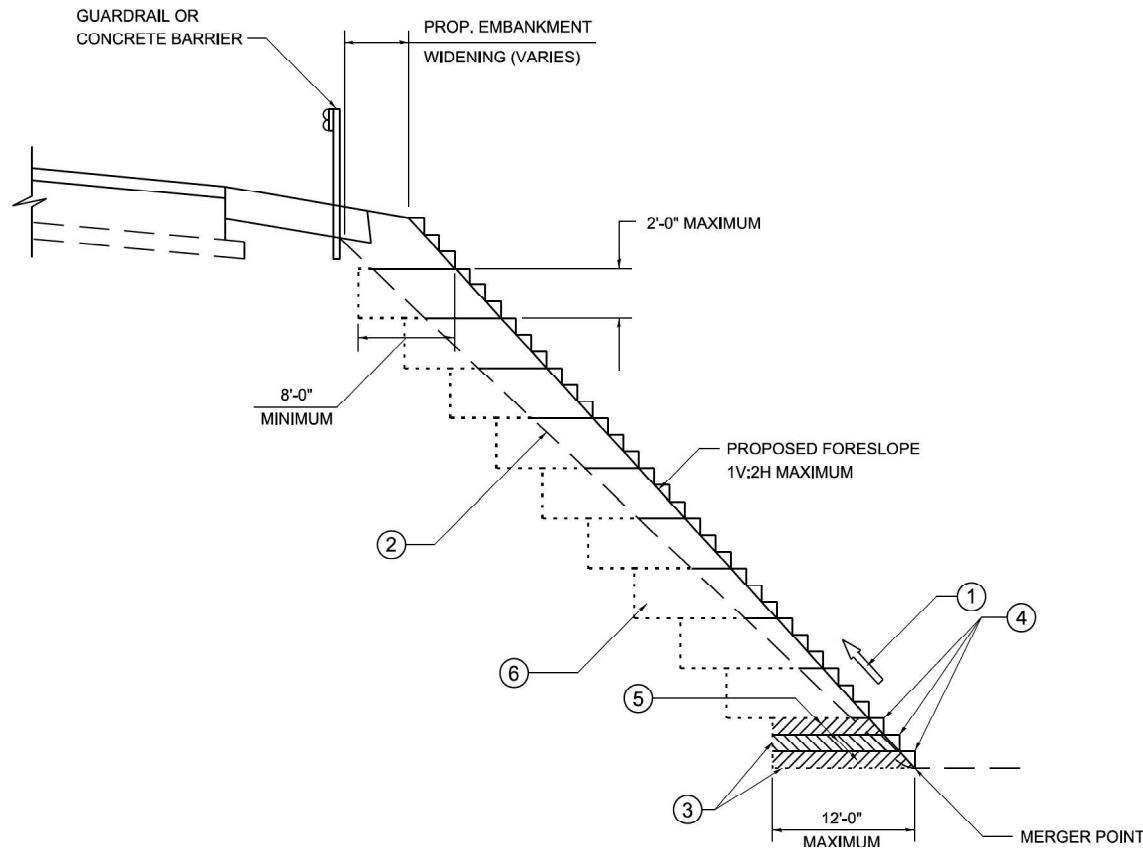
LINEATOR DELINEATOR SHALL BE APLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS



RAISED REFLECTIVE PAVEMENT MARKERS @ RIGHT TURN LANE

USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	71
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

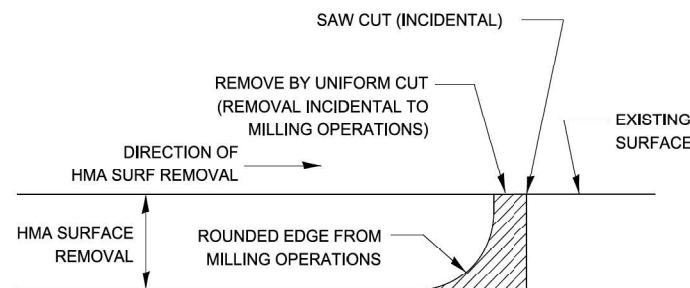


TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

- 1 CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- 2 EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- 3 BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- 4 TRIM TO FINAL SLOPE.
- 5 EQUAL 8-INCH LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- 6 EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
- 7 SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 1V:4H AND THE HEIGHT IS GREATER THAN 5'.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.



NOTE:

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

HMA BUTT JOINT SAW CUTS

MODEL: District Details [Sheet]
FILE NAME: C:\2022R3\DOTCAD CONNECT\24006.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\0366F94-514-districtdetails.dgn

EFK•Moen
Civil Engineering Design

USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

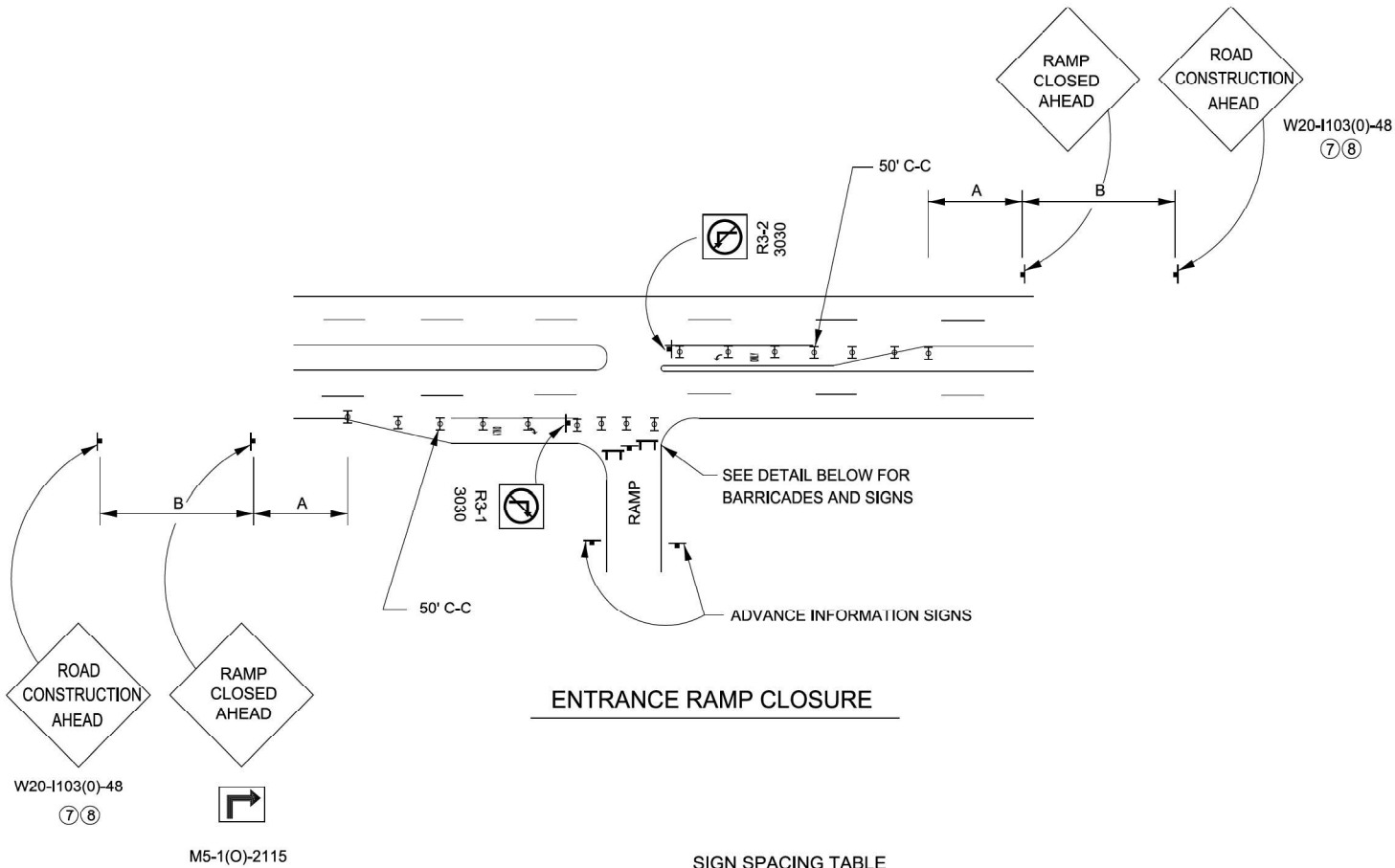
IL 54 OVER I-57
DISTRICT 3 DETAILS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	73
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

(38-5HB-4)BDR

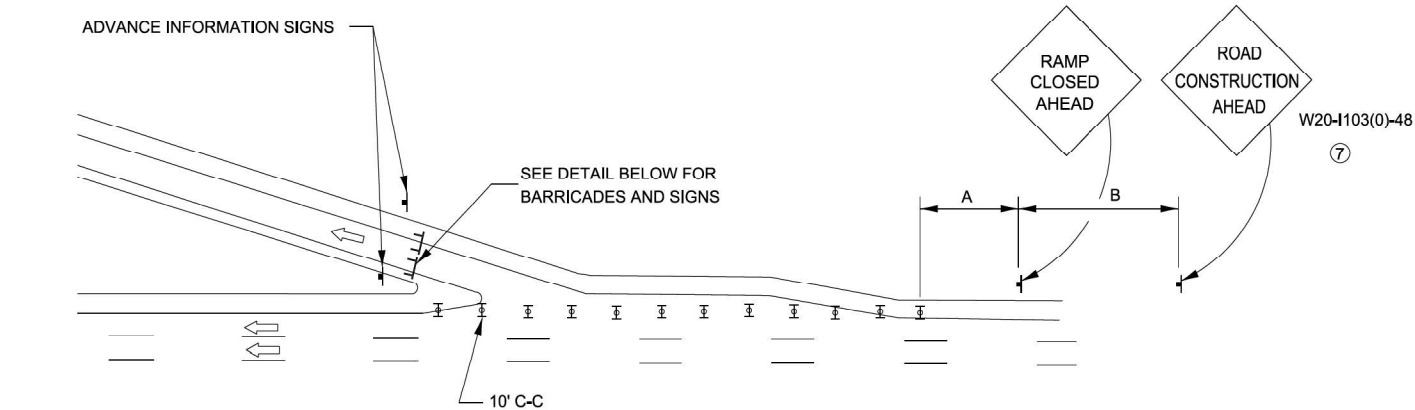
MODEL: District Details-4 (Sheet)
FILE NAME: C:\2022\3\DOTCAD CONNECT\2406.02 IDOT D3 PTB 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sht-4-districtdetails.dgn



ENTRANCE RAMP CLOSURE

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

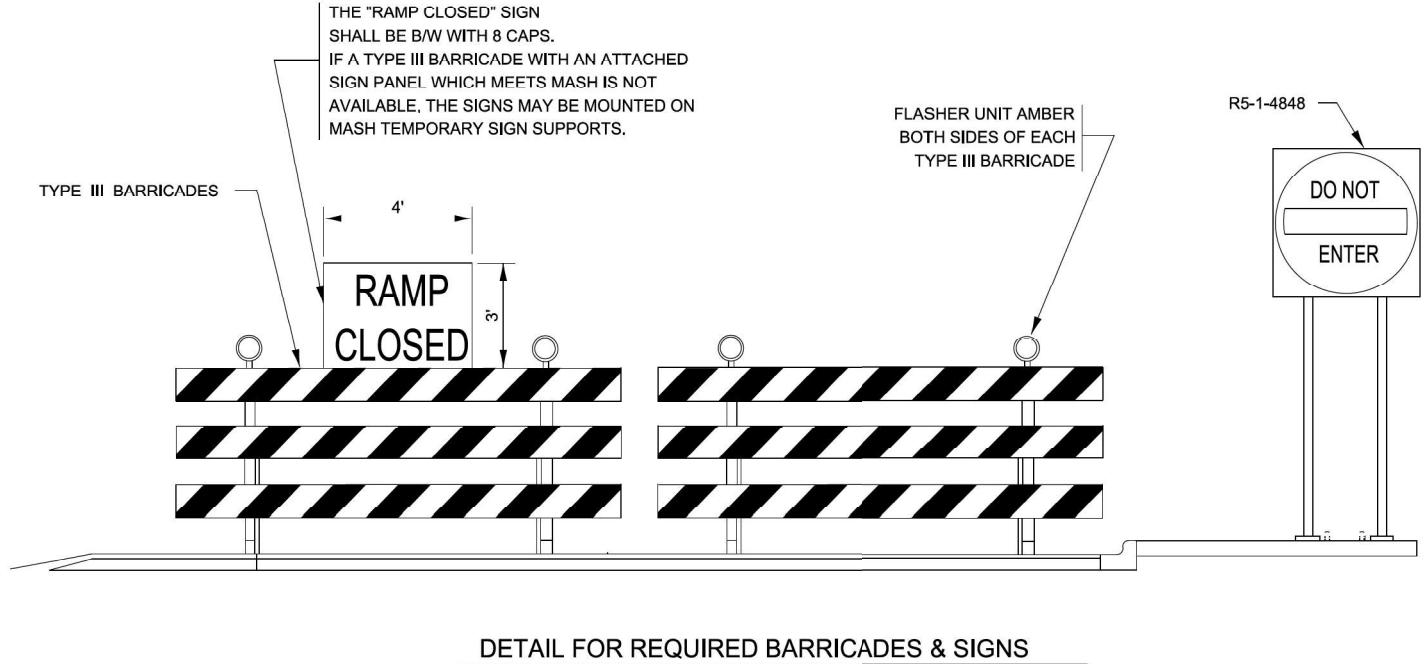
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

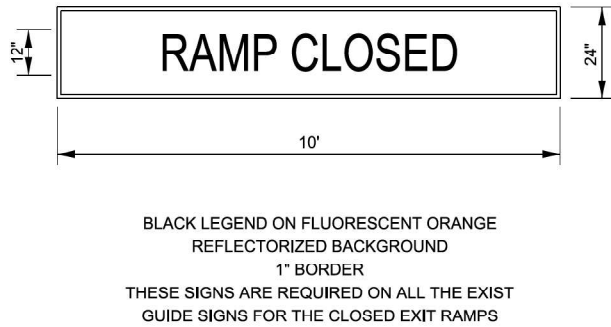
SYMBOLS

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

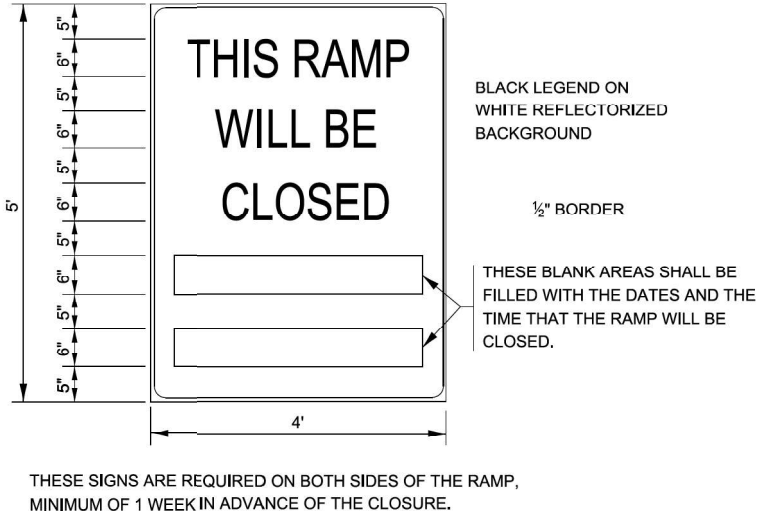


DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



RAMP CLOSURE ADVANCE INFORMATION SIGN



GENERAL NOTES:

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

EFK•Moen
Civil Engineering Design

USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

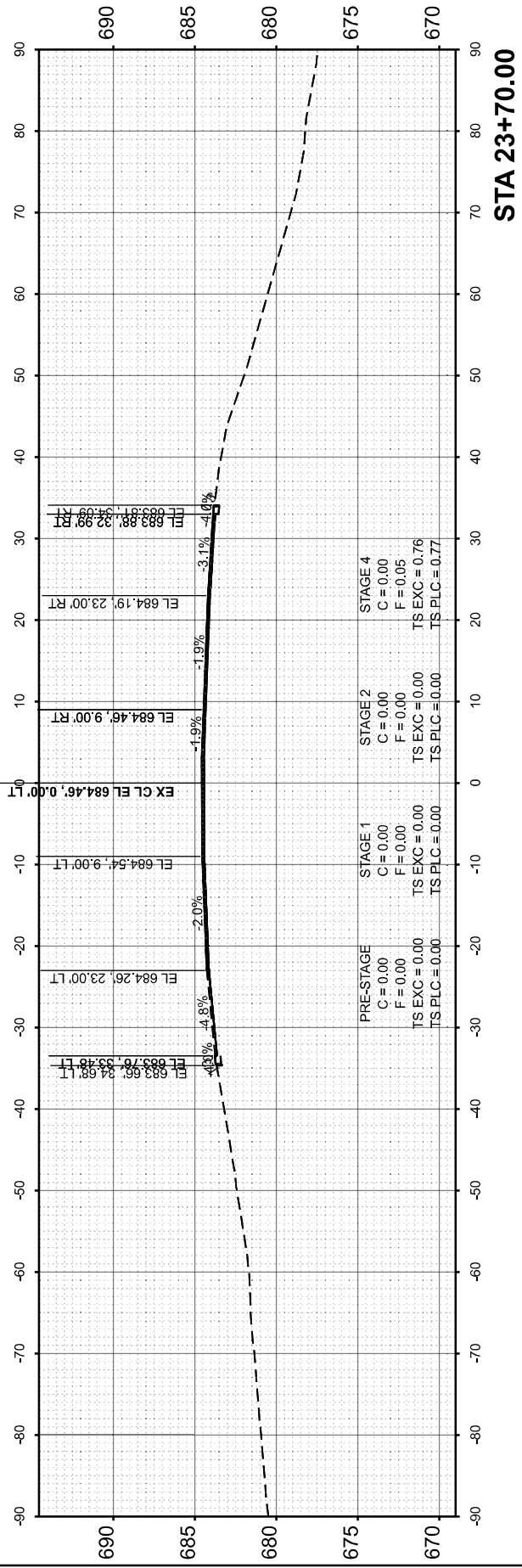
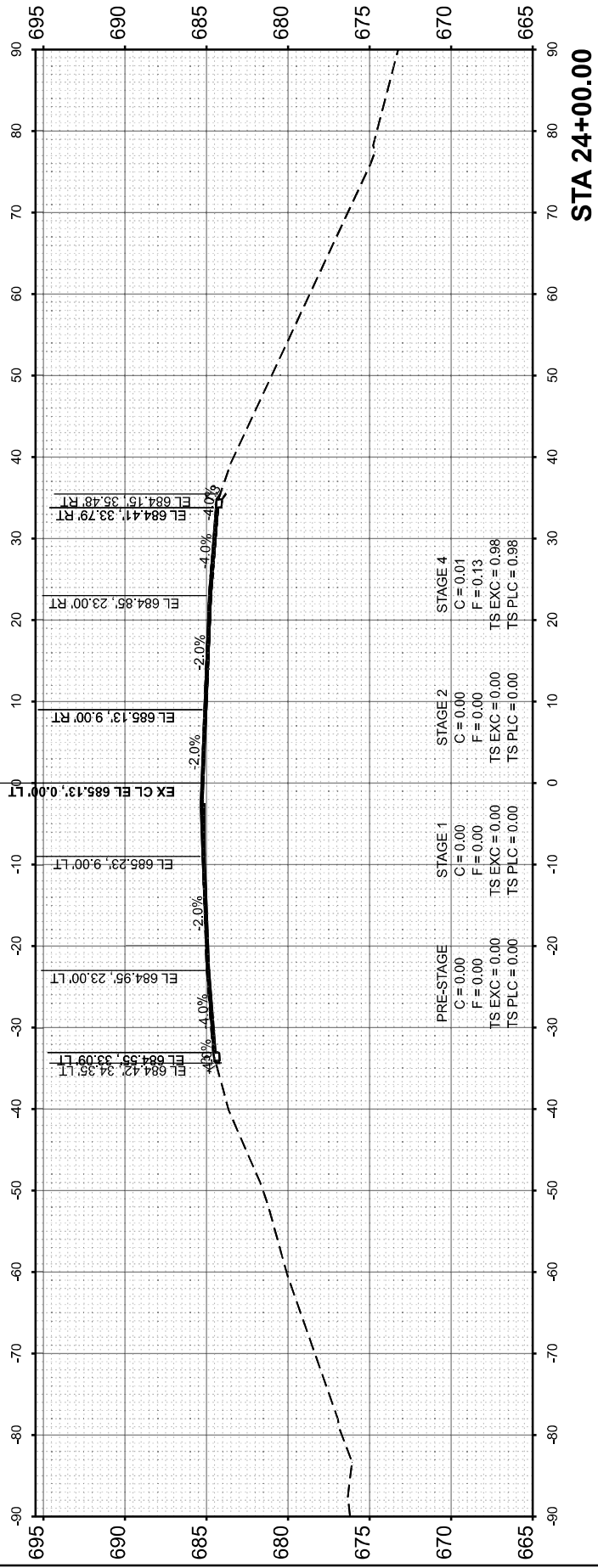
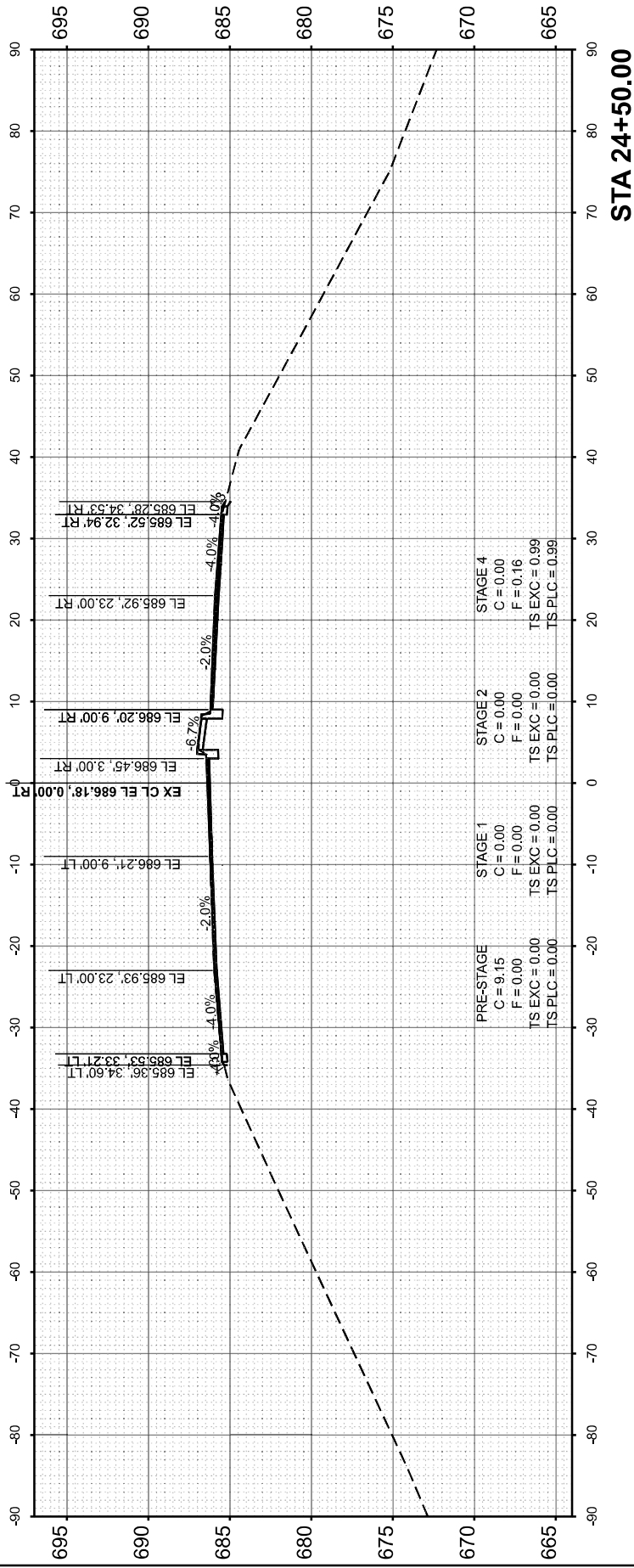
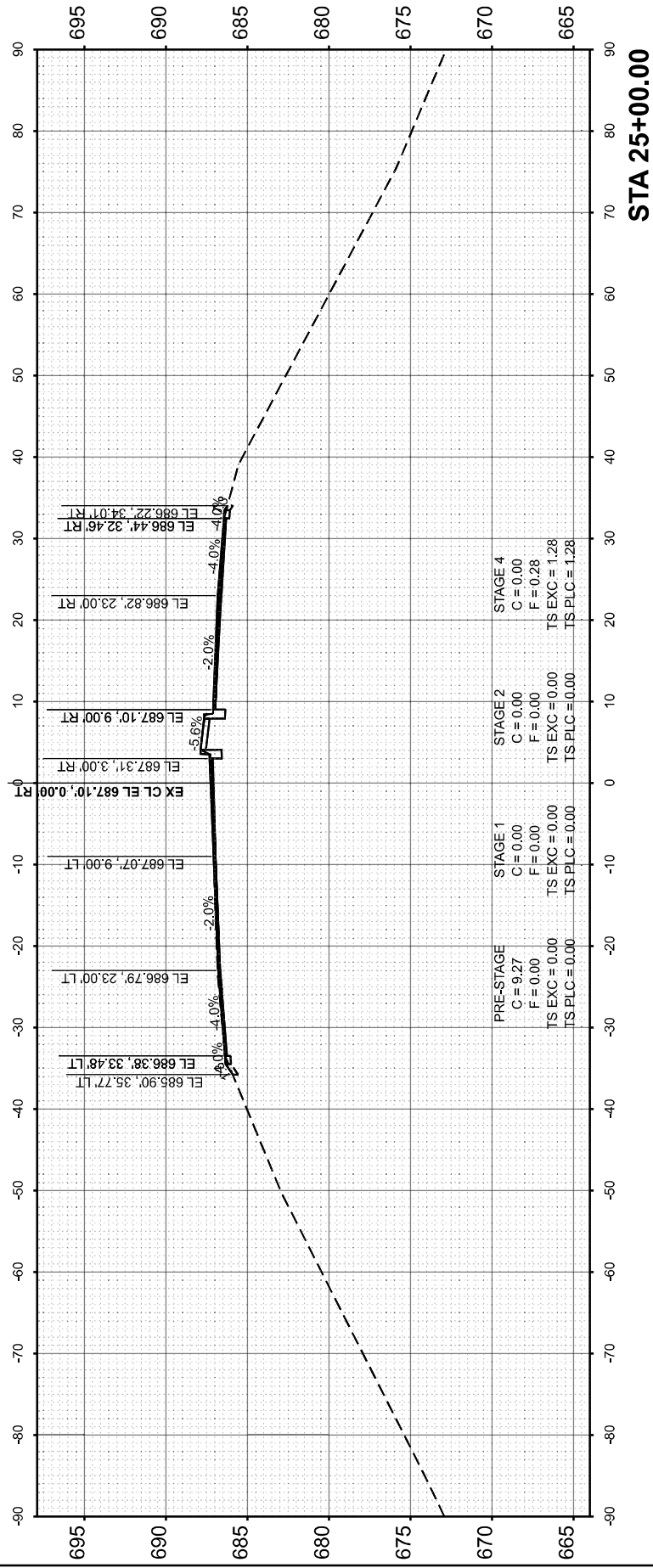
IL 54 OVER I-57
DISTRICT 3 DETAILS

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	74
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

MODEL: EXCL US54 - 23+70.00 [Sheet]



	USER NAME = skierpiec	DESIGNED - SK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 54 OVER I-57 CROSS SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SK	REVISED -						57	(38-SHB-4)BDR	IROQUOIS	81	75
		CHECKED - JH	REVISED -		CONTRACT NO. 66F94								
	PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -										
					SCALE: 1"=10'	SHEET 1	OF 7 SHEETS	STA. TO STA.					

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE	FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EXCL_US4_25+50.00 [Sheet]
FILE NAME: C:\2025\DOT\CAD CONNECT\24006.02 IDOT D3 PTS 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sh1-a.dgn

EFK•Moen
Civil Engineering Design

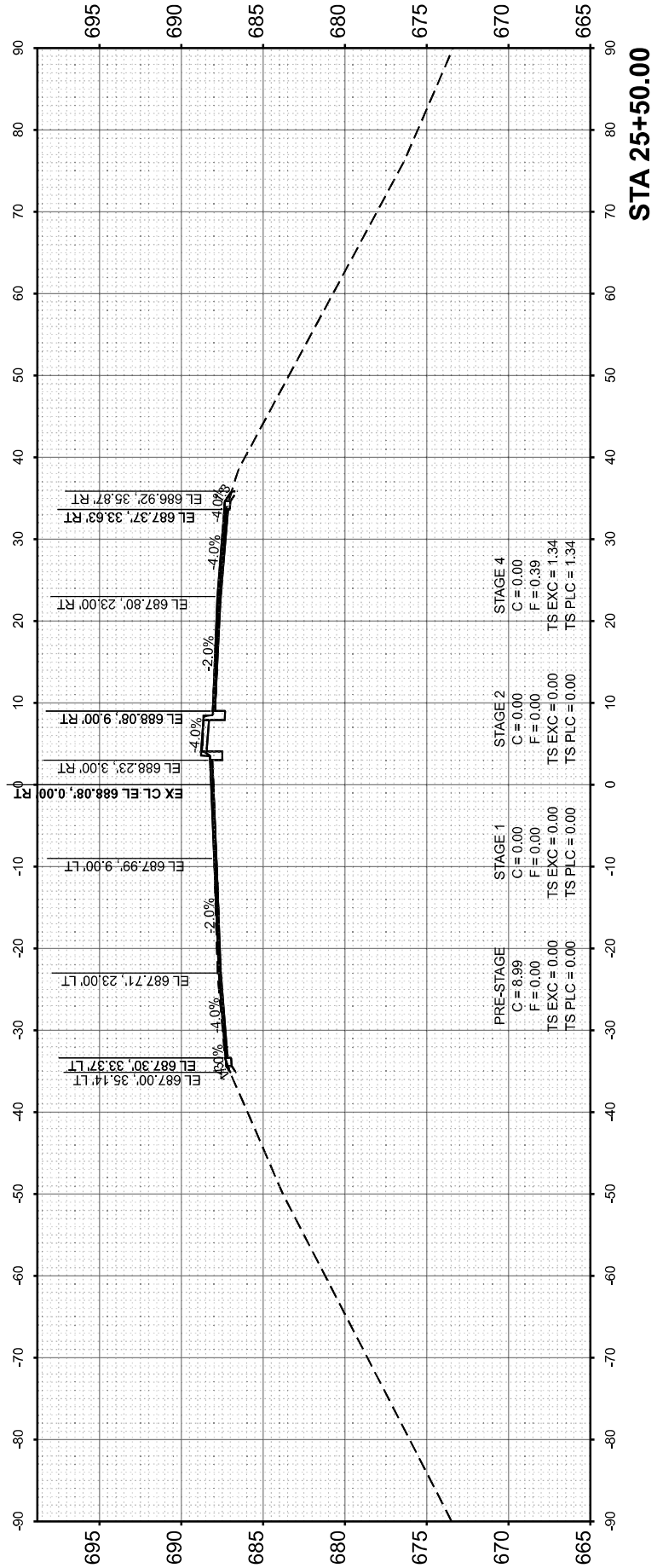
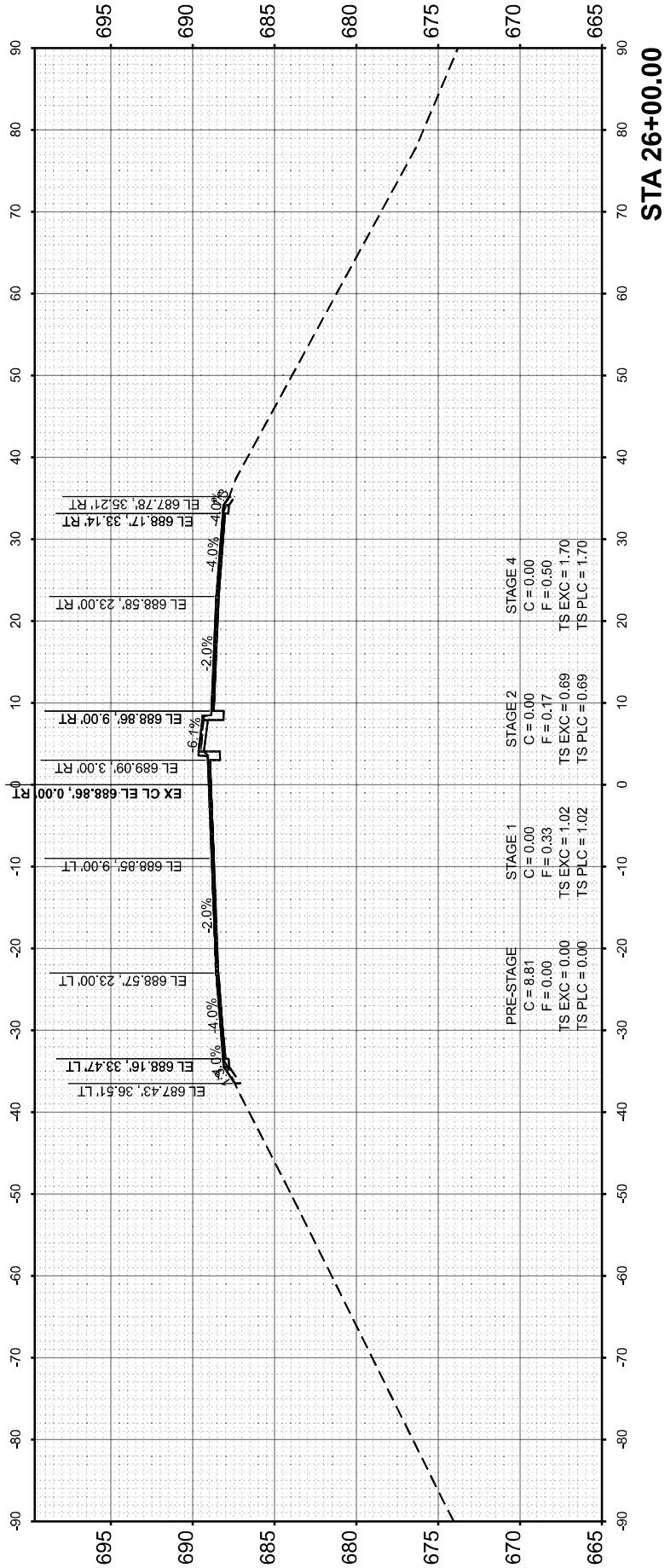
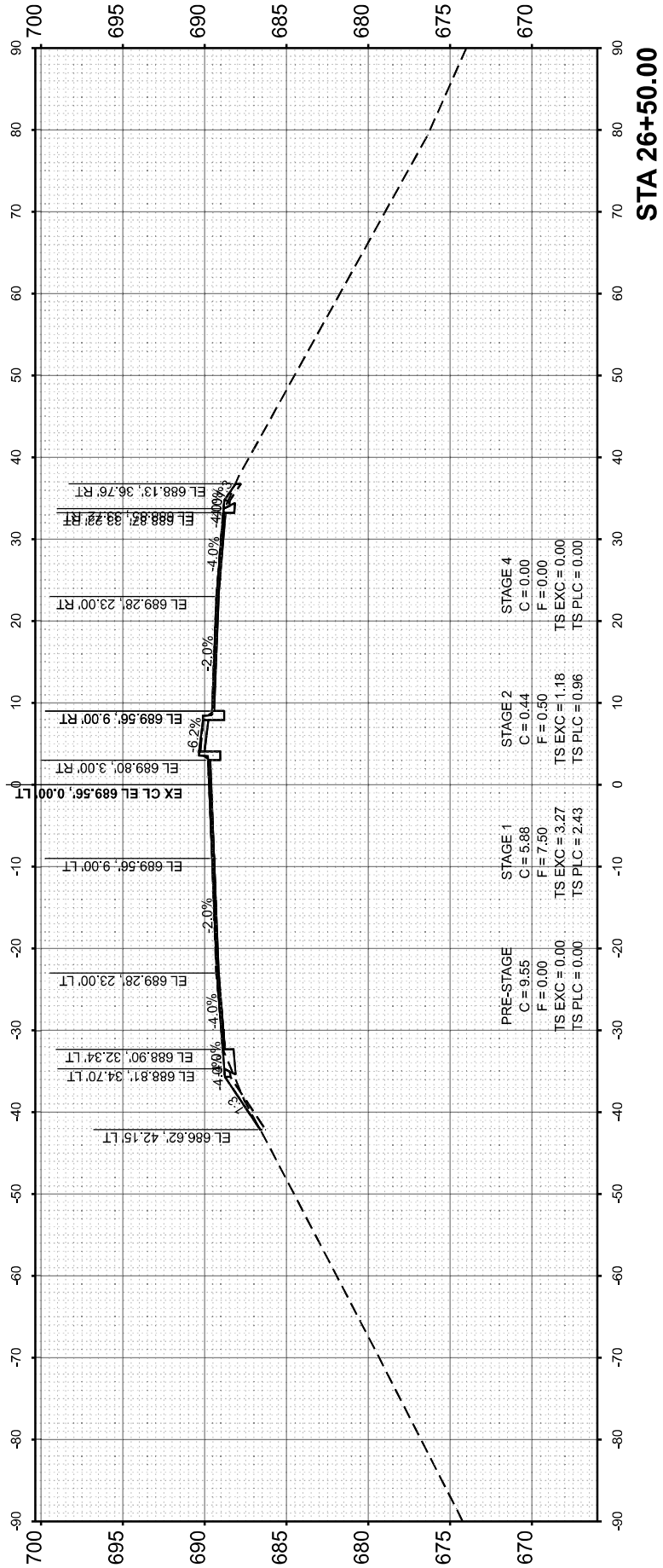
USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/20/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
CROSS SECTIONS

SCALE: 1"=10' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	76
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NO.	NOTE BOOK	TEMPLATE	AREAS
	NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED PLOTTED	BY	DATE
NO.	NOTE BOOK	TEMPLATE	AREAS
	NO.	AREAS CHECKED	

MODEL: EXCL_US54-27*00.00 [Sheet]
FILE NAME: C:\2025\DOT\CAD CONNECT\24006.02 IDOT D3 PTS 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\366F94-sh3-us.dgn

EFK•Moen
Civil Engineering Design

USER NAME	= sklerplec
PLOT DATE	= 3/25/2025

DESIGNED	- SK
DRAWN	- SK
CHECKED	- JH
DATE	- 3/27/2025

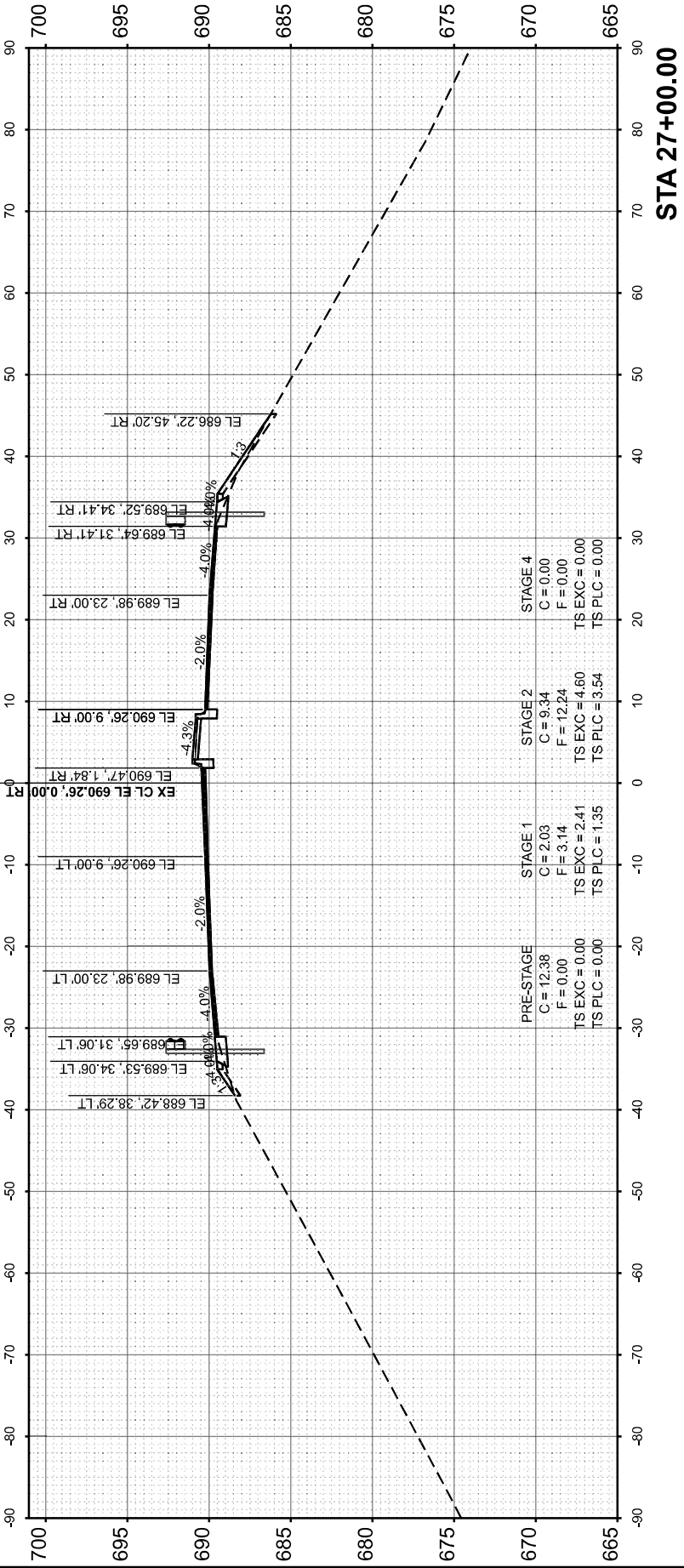
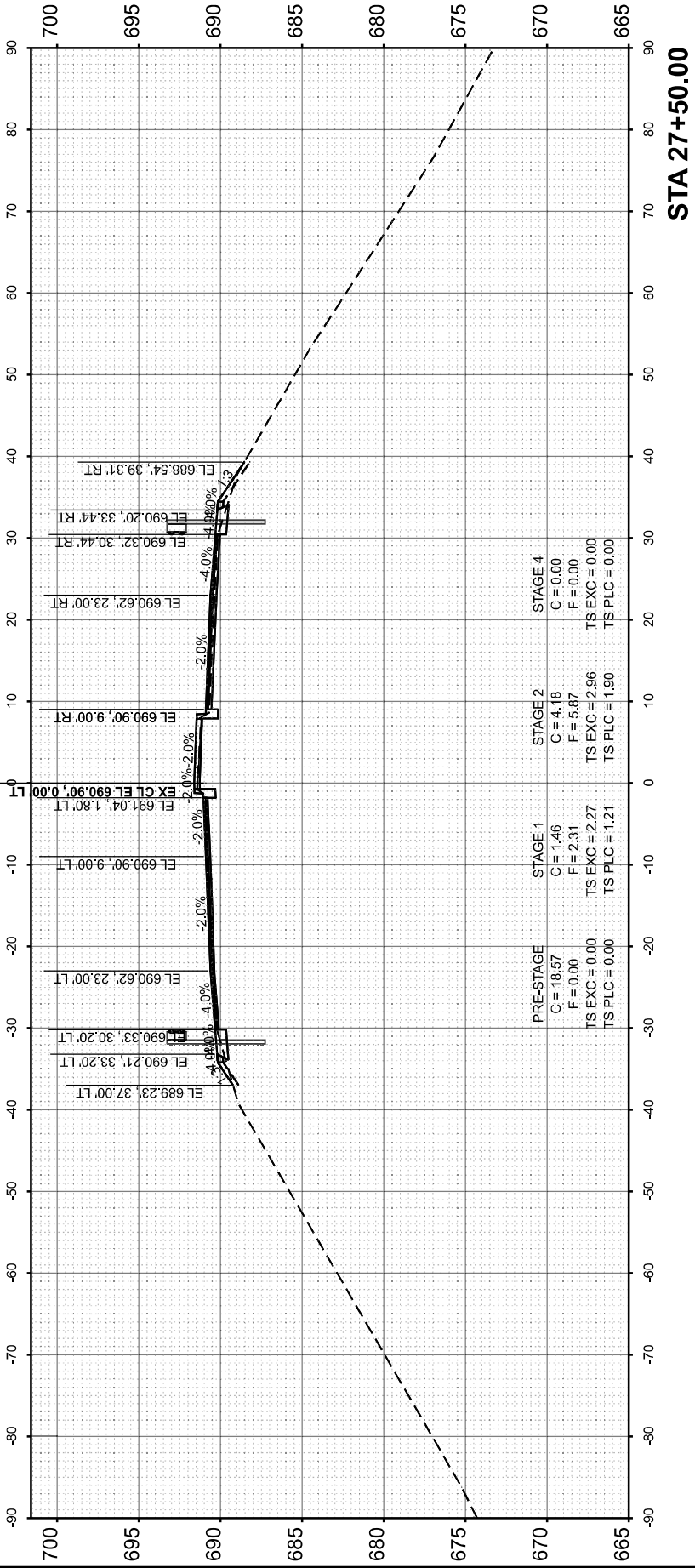
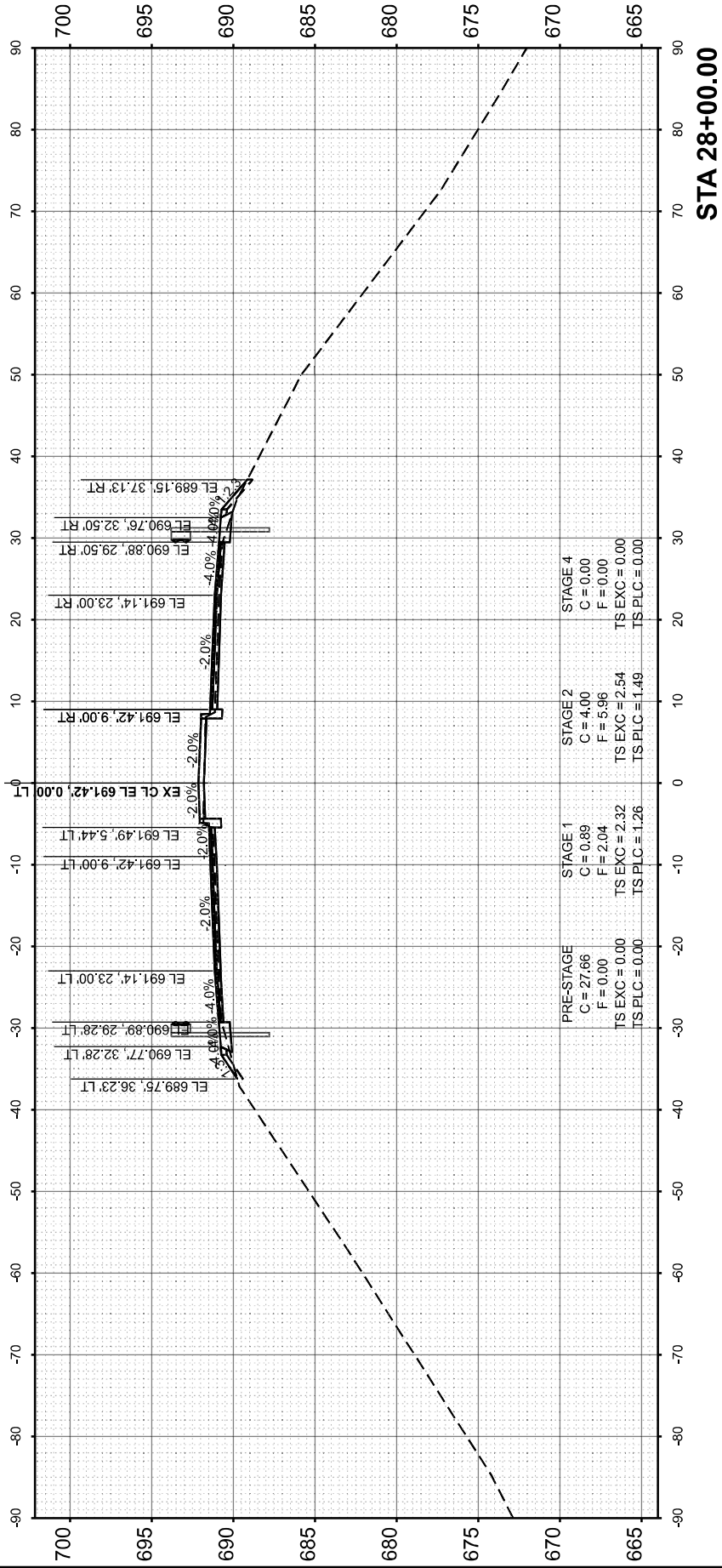
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
CROSS SECTIONS

SCALE: 1"=10'
SHEET 3 OF 7 SHEETS
STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	77
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	BY	DATE
NO.	AREAS CHECKED		

MODEL: EXCL_US4_28+44.43 [Sheet]
FILE NAME: C:\2025\DOT\ROAD CONNECT\24006.02 IDOT D3 PTS 208+020 WO 02 IL-54 over I-57\CAADD Data\Sheets\0366F94-sh4-us.dgn

EFK•Moen
Civil Engineering Design

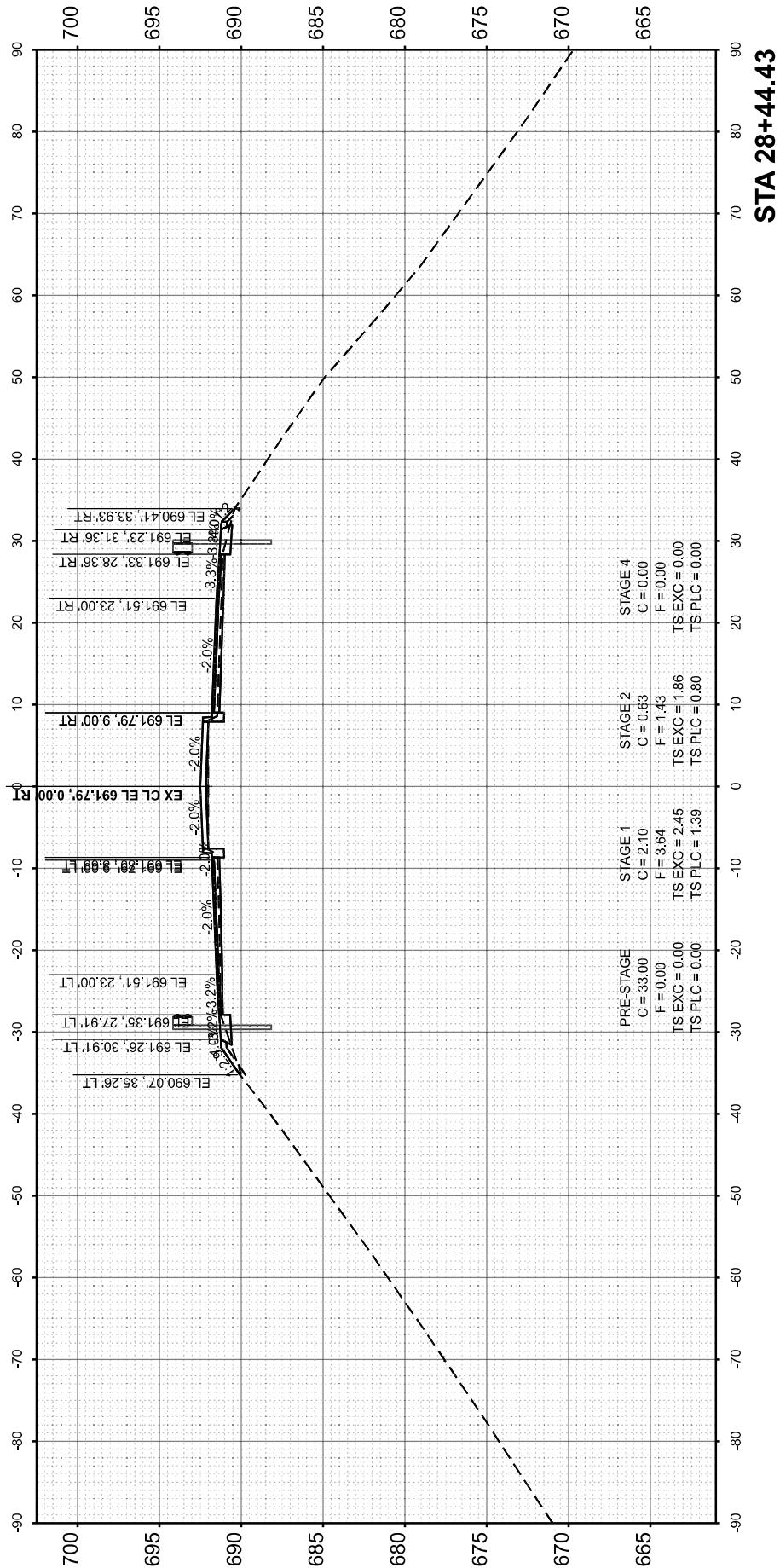
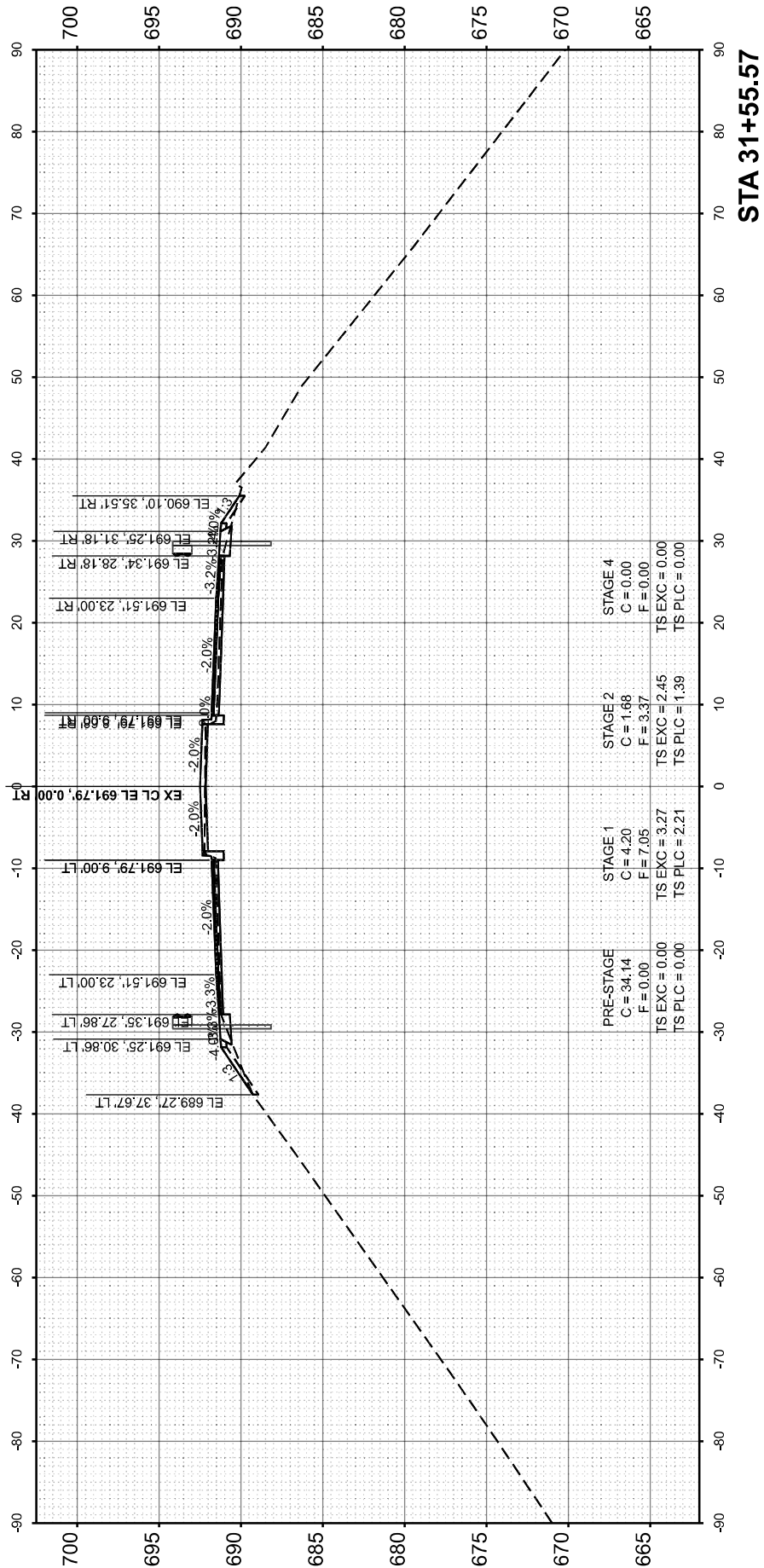
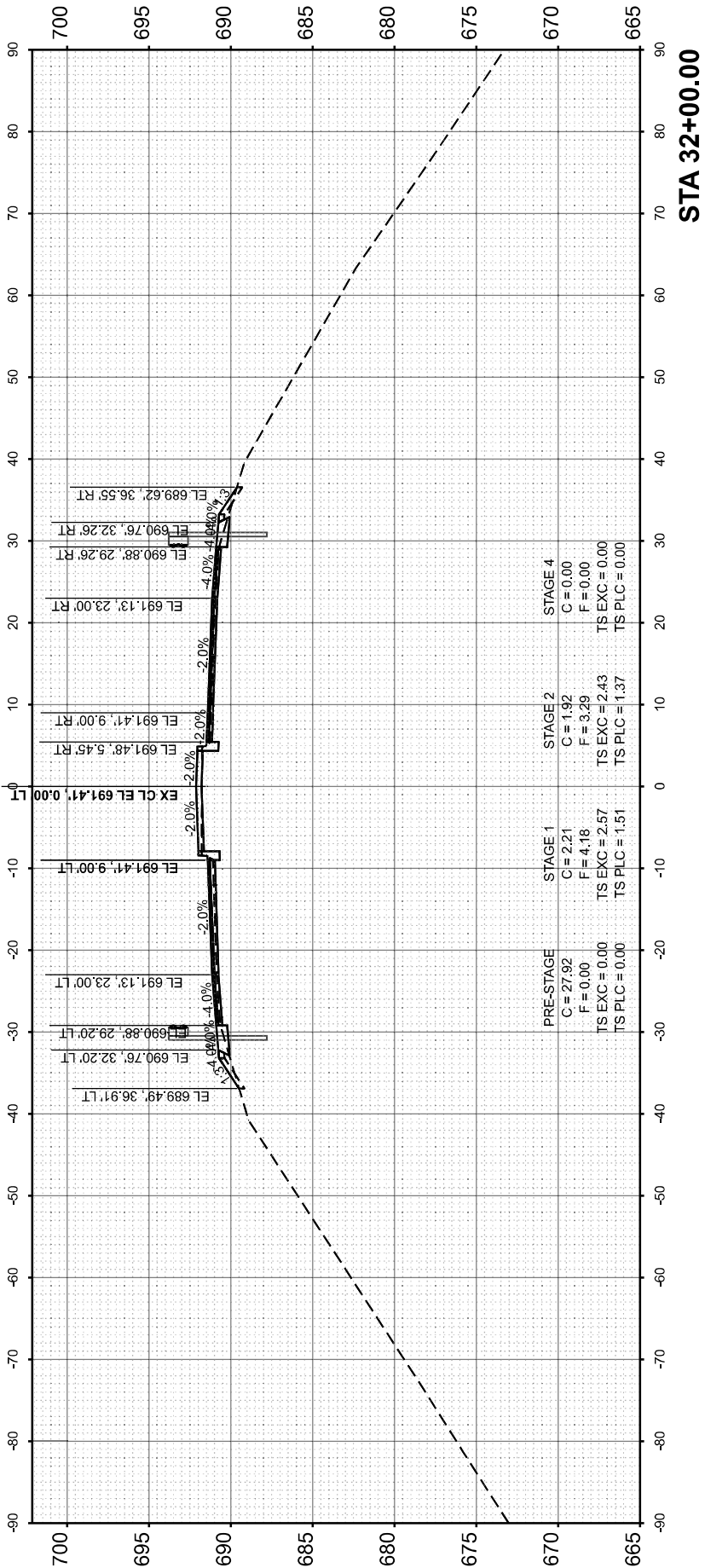
USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
CROSS SECTIONS

SCALE: 1"=10' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	78
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



ORIGINAL SURVEY NO.	NOTED BOOK	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	NOTED BOOK	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EXCL_US54_32+50.00 [Sheet]
FILE NAME: C:\2025\DOT\CAD CONNECT\24006.02 IDOT D3 PTS 208-020 WO 02 IL-54 over I-57\CAADD Data\Sheets\3266F94-sh1+vs.dgn

EFK•Moen
Civil Engineering Design

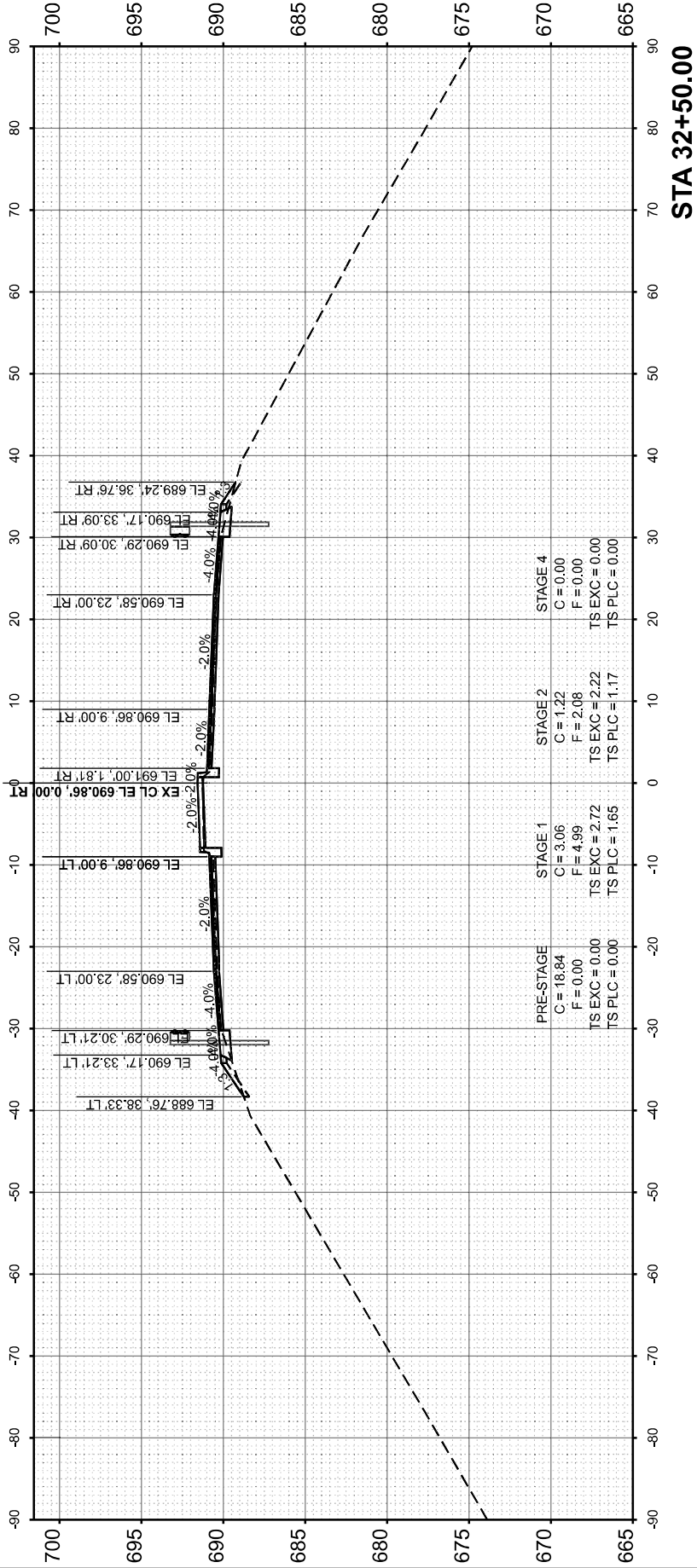
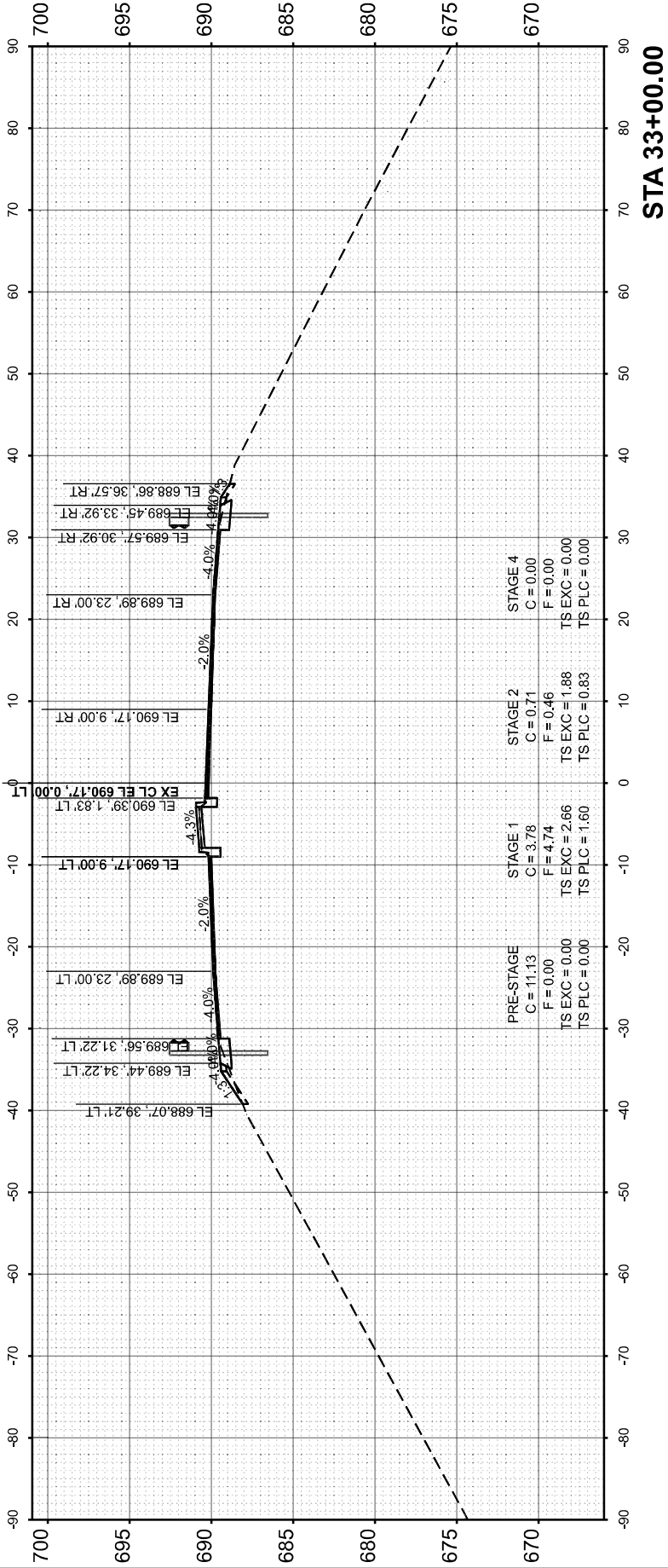
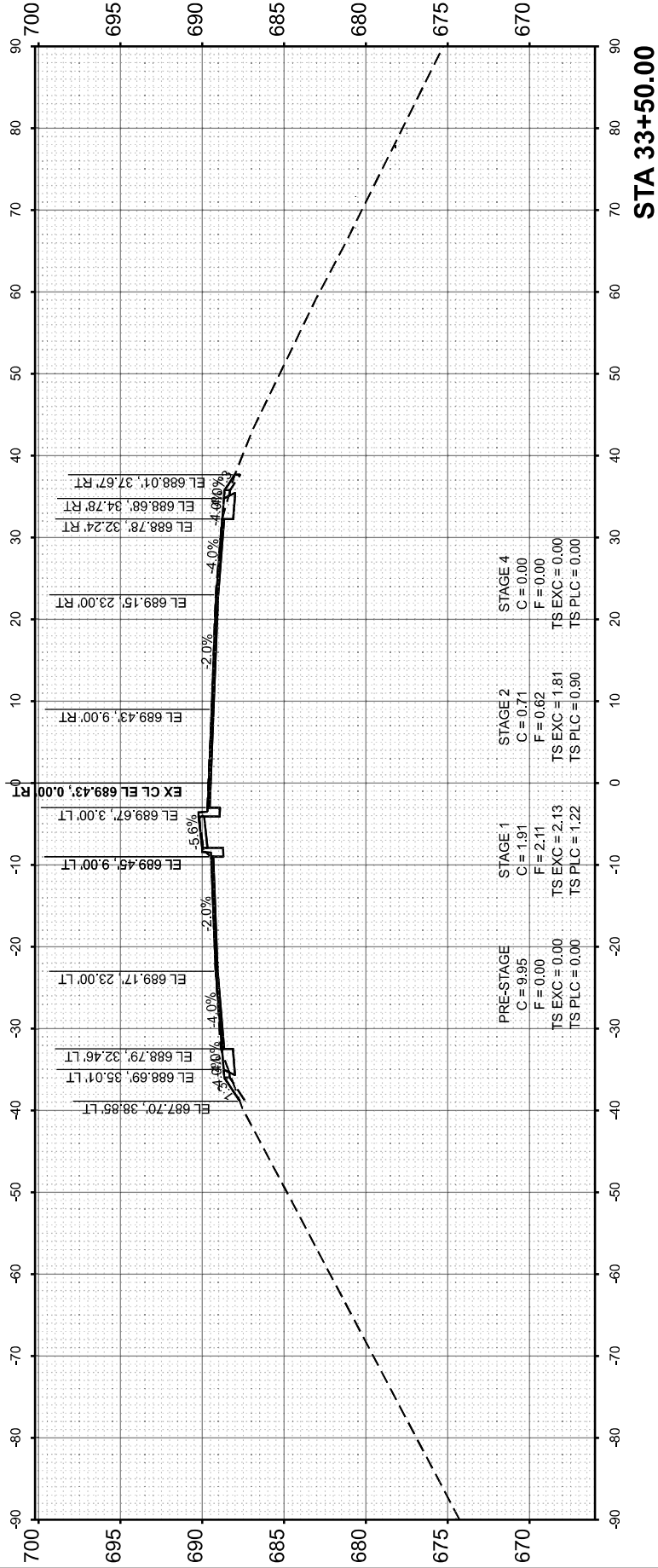
USER NAME = sklerplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
CROSS SECTIONS

SCALE: 1"=10' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	79
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



ORIGINAL SURVEY		SURVEYED		BY		DATE	
NO.		NO.		NO.		NO.	
NOTE BOOK		NOTE BOOK		NOTE BOOK		NOTE BOOK	
AREAS CHECKED		AREAS CHECKED		AREAS CHECKED		AREAS CHECKED	
AREAS CHECKED		AREAS CHECKED		AREAS CHECKED		AREAS CHECKED	

ORIGINAL SURVEY		SURVEYED		BY		DATE	
NO.		NO.		NO.		NO.	
NOTE BOOK		NOTE BOOK		NOTE BOOK		NOTE BOOK	
AREAS CHECKED		AREAS CHECKED		AREAS CHECKED		AREAS CHECKED	
AREAS CHECKED		AREAS CHECKED		AREAS CHECKED		AREAS CHECKED	

MODEL: EXCL_USE4-34+00.00 [Sheet]
FILE NAME: C:\2022R3\DOTCAD CONNECT\24006.02 IDOT D3 PTS 208-020 WO 02 IL-54 over I-57\CADD Data\Sheets\356594-sh1+vs.dgn

EFK•Moen
Civil Engineering Design

USER NAME = sklerplec	
DESIGNED - SK	
DRAWN - SK	
CHECKED - JH	
PLOT DATE = 3/25/2025	

DESIGNED - SK	
DRAWN - SK	
CHECKED - JH	
DATE - 3/27/2025	

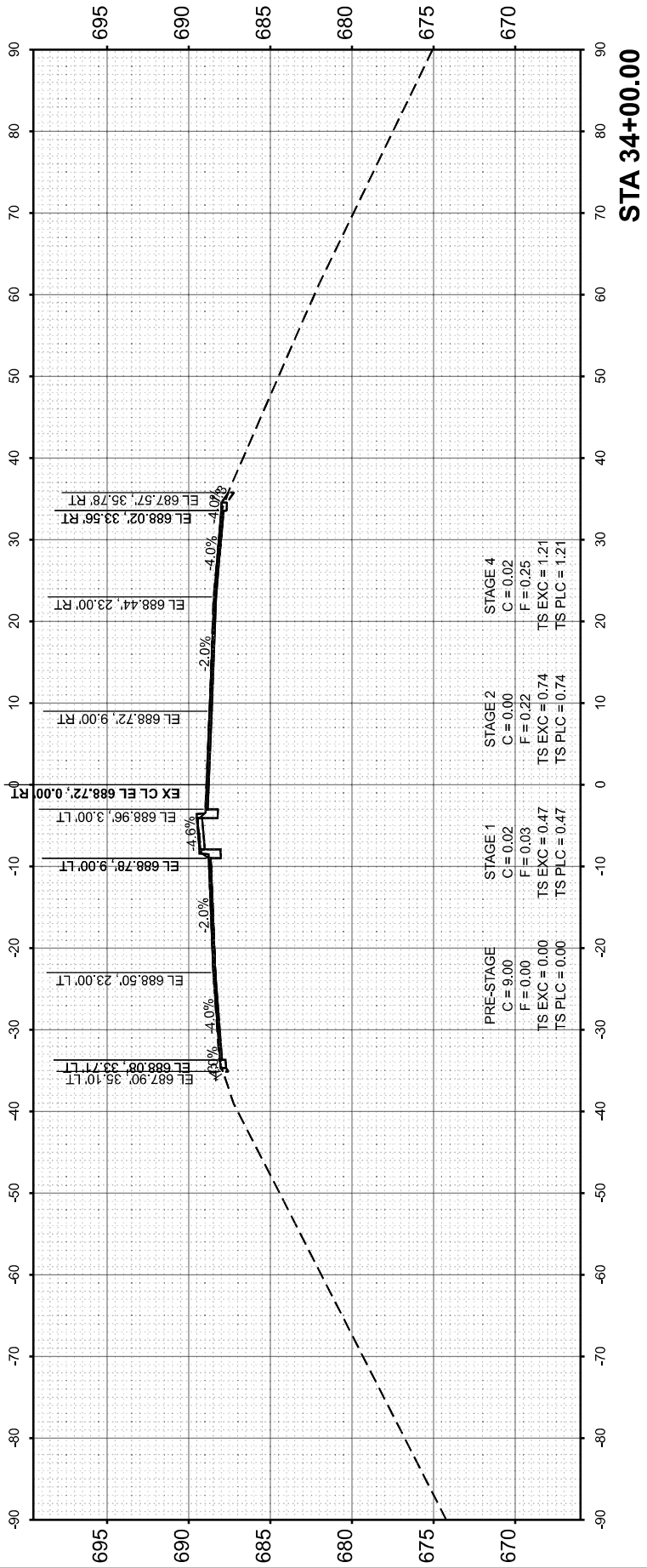
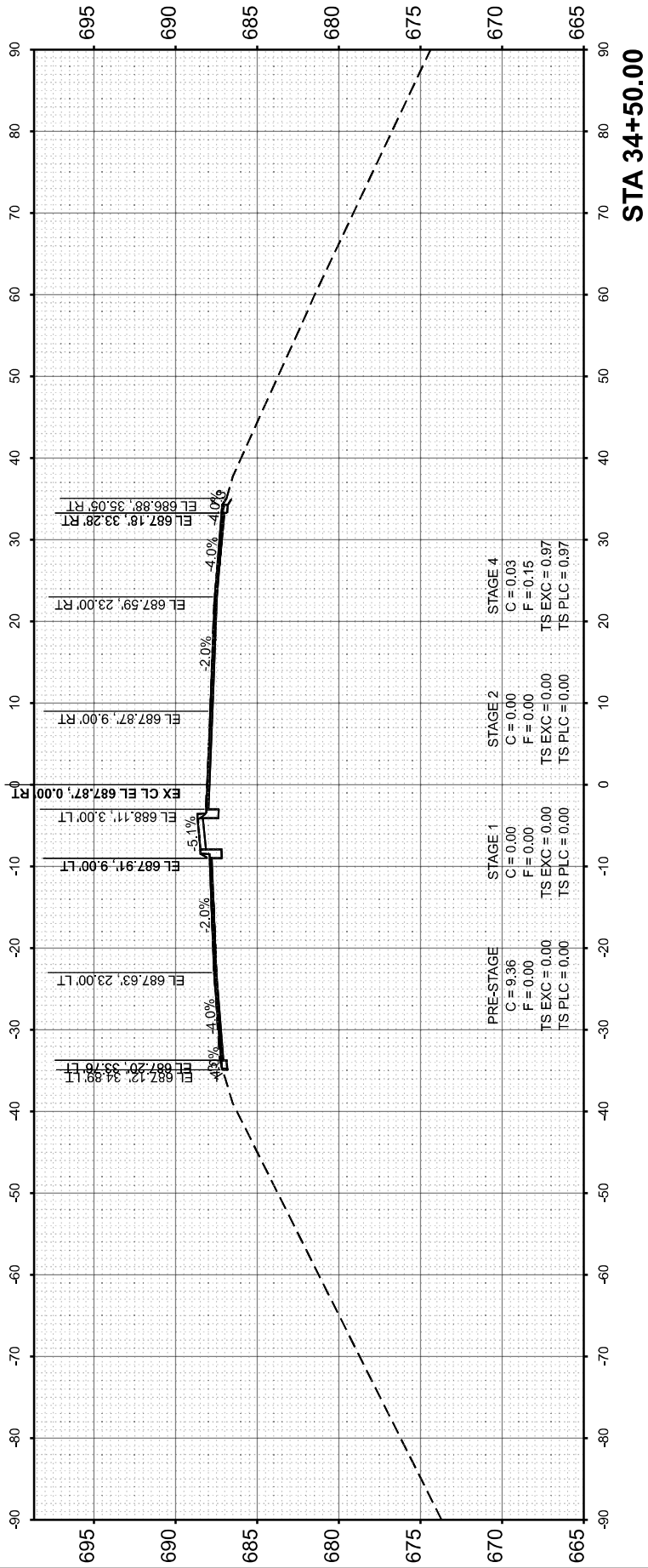
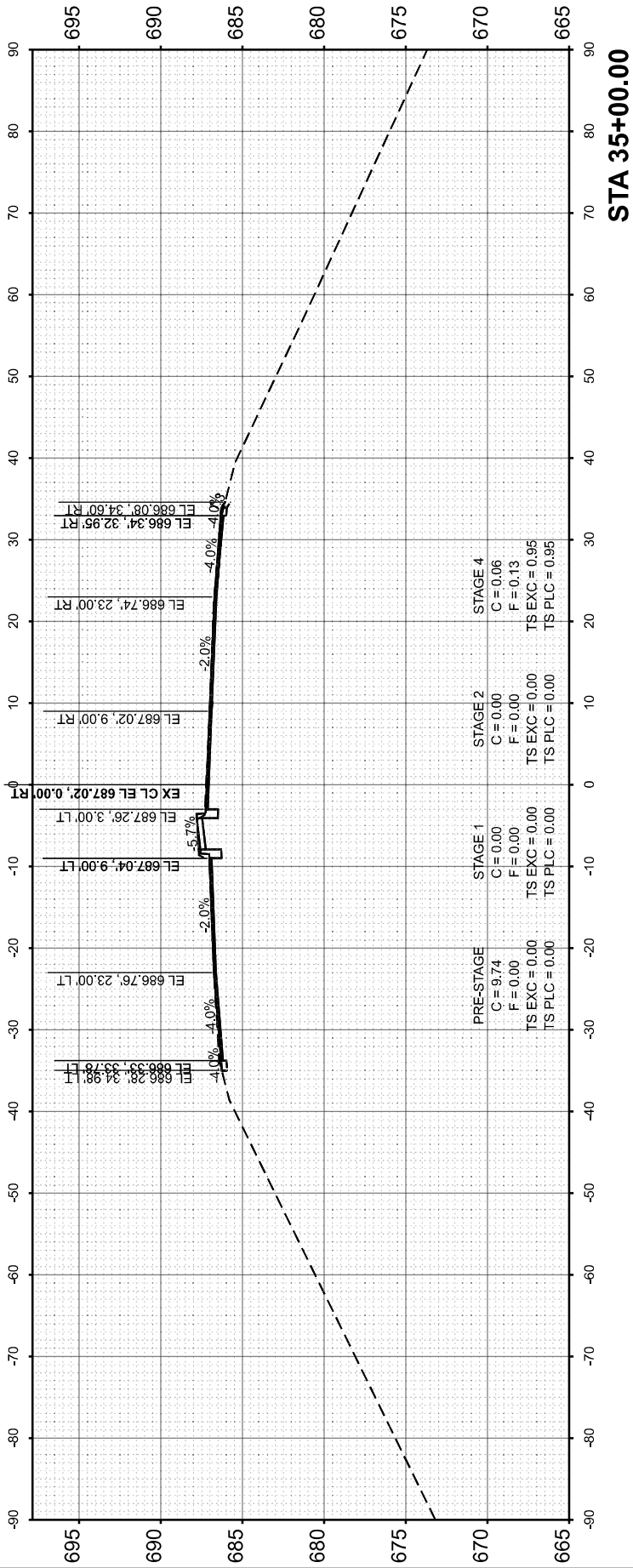
REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 54 OVER I-57
CROSS SECTIONS

SCALE: 1"=10'	SHEET 6	OF 7 SHEETS	STA.	TO STA.
---------------	---------	-------------	------	---------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	80
CONTRACT NO. 66F94				
ILLINOIS FED. AID PROJECT				



ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL_USER1 - 35+50.00 [Sheet]
FILE NAME: C:\2025\DOT\CAD CONNECT\24006.02 IDOT D3 PTS 208+020 WO 02 IL-54 over I-57\CADD Data\Sheets\356F94-sh7-a.dgn

USER NAME = skierplec	DESIGNED - SK	REVISED -
	DRAWN - SK	REVISED -
	CHECKED - JH	REVISED -
PLOT DATE = 3/25/2025	DATE - 3/27/2025	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-4)BDR	IROQUOIS	81	81
CONTRACT NO. 66F94				
ILLINOIS		FED. AID PROJECT		

