06-13-2025 LETTING ITEM 054

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	1
	ILLINOIS	CONTRACT 66H59		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

D-93-065-24

PROPOSED HIGHWAY PLANS

FAI ROUTE 57 (I-57)
SECTION (38-9, 38-8, 38-7) RS, RA, BRR

RESURFACING WITH STRUCTURE REPAIRS
IROQUOIS COUNTY

C-93-102-24

INDEX OF SHEETS

DRAWING NO.	DESCRIPTION
1	COVER
2	GENERAL NOTES
3-14	SUMMARY OF QUANTITIES
15-17	TYPICAL SECTIONS
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31-45	ALIGNMENT TIES & BENCHMARKS
46-59	ROADWAY PLAN
60-81	TRAFFIC CONTROL
82	SIGN SCHEDULE
83-96	SIGNING & PAVEMENT MARKING PLAN
97-110	DRAINAGE PLAN
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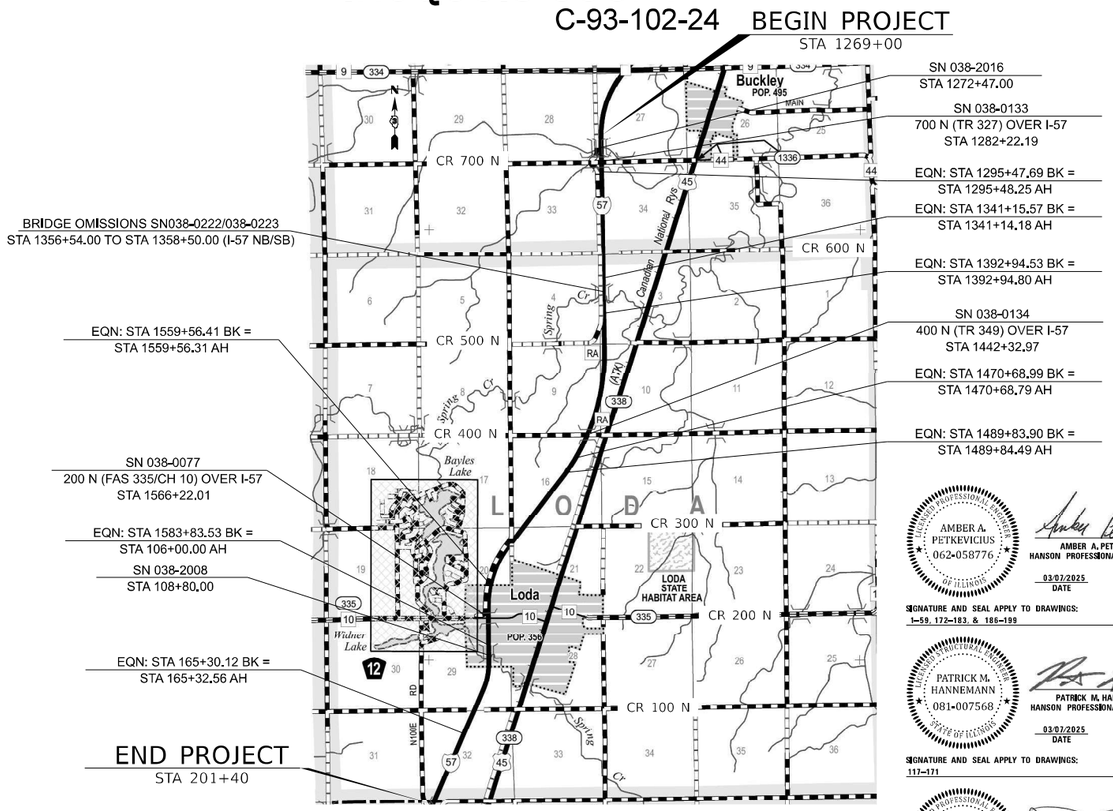
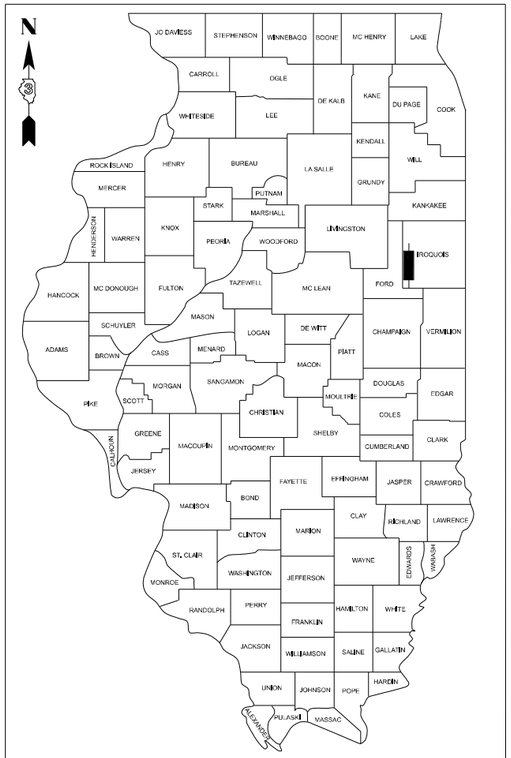
166-171	ROADWAY DETAILS
172-177	ROADWAY DETAILS - REST AREAS
178-179	SIGN DETAILS
180-194	DISTRICT 3 DETAILS

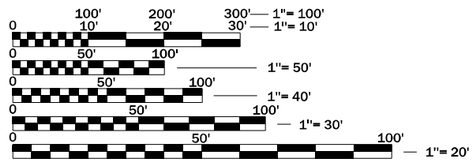


LOCATION MAP
NOT TO SCALE



LOCATION OF SECTION INDICATED THUS: -

FUNCTIONAL CLASSIFICATION
INTERSTATE
2023 ADT = 17,600
P.V. = 64.5% S.U. =2.5% M.U. = 33.0%



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

GROSS LENGTH = 41024 FT. = 7.770 MILE
NET LENGTH = 40828 FT. = 7.733 MILE

AMBER A. PETKEVICIUS
062-058776
STATE OF ILLINOIS
AMBER A. PETKEVICIUS
HANSON PROFESSIONAL SERVICES INC.
03/07/2025 DATE
11/30/2025 EXPIRES
SIGNATURE AND SEAL APPLY TO DRAWINGS: 1–59, 172–183, & 186–199

PATRICK M. HANNEMANN
081-007568
STATE OF ILLINOIS
PATRICK M. HANNEMANN
HANSON PROFESSIONAL SERVICES INC
03/07/2025 DATE
11/30/2026 EXPIRES
SIGNATURE AND SEAL APPLY TO DRAWINGS: 117–171

ROBERT BOHNAK
062-057928
STATE OF ILLINOIS
ROBERT BOHNAK
KASKASKIA ENGINEERING GROUP, LLC
03/07/2025 DATE
11/30/2025 EXPIRES
SIGNATURE AND SEAL APPLY TO DRAWINGS: 60–116 & 184–185

PROJECT ENGINEER JOE KANNEL, P.E.
UNIT CHIEF DARCY MITCHELL
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66H59

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 26, 20 25
Trisha Thompson
REGIONAL ENGINEER

May 9 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. 4/7/25

GENERAL NOTES

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

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

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

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

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

HMA RESURFACING: 112 LB/SQ YD/IN
BITUMINOUS MATERIALS (TACK COAT):
0.05 LB/SQ FT ON EXISTING HMA, AND MILLED HMA
0.025 LB/SQ FT ON NEW HMA
GRANULAR MATERIALS: 2.05 TONS/CU YD
MIX FOR CRACKS, JTS & FLGWYS: 0.0003 TONS/ SQ YD
AGGREGATE DITCH CHECKS: 5 TONS AGGREGATE

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

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

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

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN LIMITS OF THE IMPROVEMENTS ARE:

CMS FIBER OPTIC	AMEREN CIPS ELECTRIC
EASTERN ILLINI ELECTRIC CO-OP	MARATHON GAS PIPELINE
NICOR GAS	FRONTIER
ERH ENTERPRISES	VILLAGE OF LODA
MEDIACOM	WINDSTREAM

IDOT (REST AREAS): IF A REST AREA CLOSURE IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE DISTRICT 3 ROADSIDE MANAGER, ANDY STAHR AT 815-434-8445, A MINIMUM OF 30 DAYS PRIOR TO THE CLOSURE OF EACH OF THE REST AREAS AND A MINIMUM OF 14 CALENDAR DAYS PRIOR TO REOPENING THE REST AREAS. THE CONTRACTOR SHALL NOT STORE ANY CONSTRUCION MATERIALS ON ANY SIDEWALK AREAS OF THE SITES.

UTILITIES LOCATED AT THE REST AREAS WILL NOT BE MARKED BY J.U.L.I.E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING LOCATION SERVICES TO MARK ALL UTILITIES ON THE REST AREA PROPERTIES THAT ARE NOT MARKED BY J.U.L.I.E.

COMMITMENTS

NONE

ILLINOIS DOT HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
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
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602306-03	INLET TYPE B
604036-03	GRATE TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642001-03	SHOULDER RUMBLE STRIPS, 16 in
665001-02	WOVEN WIRE FENCE
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701401-13	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 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

ASPHALT MIXTURE REQUIREMENT TABLE

LOCATIONS:	I-57 ML & RAMP PAVEMENT	I-57 ML & RAMP PAVEMENT	I-57 ML & RAMP PAVEMENT	I-57 ML & RAMP SHOULDER	I-57 ML, RAMP, 200N/CH10 SHOULDER	I-57 ML, RAMP, 200N/CH10 SHOULDER	REST AREA	200N/CH10 SHOULDER
MIXTURE USE(S):	P SMA	P HMA	P HMA	P HMA	P HMA	P HMA	HMA	HMA
	SURFACE	BINDER	BINDER	SURFACE	TOP LIFT(S)	BOTTOM LIFT(S)	SURFACE	SURFACE
BINDER GRADE (PG):	SBS PG 76-28	SBS PG 70-28	SBS PG 76-28	SBS PG 70-28	SBS PG 70-28	SBS PG 70-28	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N80	4.0% @ N90	4.0% @ N50	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 12.5	IL 9.5	IL 4.75	IL 9.5	IL 19.0	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIXTURE E			MIXTURE D			MIXTURE D	MIXTURE C
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
QUALITY MANAGEMENT PROGRAM:	PFP	PFP	PFP	QCQA	QCP	QCQA	QCQA	QCQA
SUBLOT SIZE:	1000 TONS	1000 TONS	1000 TONS	N/A	1000 TONS	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES/NUCLEAR	CORES	CORES/NUCLEAR	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED):	YES	YES	YES	NO	NO	NO	NO	NO

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
			TOTAL	0005	0021	0047	0059		
CODE NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL	S.N. 038-0077		
20200100	EARTH EXCAVATION	CU YD	140			140			
20400800	FURNISHED EXCAVATION	CU YD	490	482.5		7.5			
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75					
25000314	SEEDING, CLASS 4B	ACRE	3.25	3.25					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	361	361					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	361	361					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	361	361					
25100115	MULCH, METHOD 2	ACRE	4.00	4.00					
28000305	TEMPORARY DITCH CHECKS	FOOT	2,300			2,300			
28000510	INLET FILTERS	EACH	13			13			
28100107	STONE RIPRAP, CLASS A4	SQ YD	429			429			
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	20			20			
28200200	FILTER FABRIC	SQ YD	459			459			
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	1,084	1,084					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	301,533	301,533					

* SPECIALTY ITEM

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
			TOTAL	0005	0021	0047	0059		
	CODE NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL	S.N. 038-0077		
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	7,120	7,120				
	40600372	LONGITUDINAL JOINT SEALANT, HALF-WIDTH	FOOT	693,366	693,366				
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	0.4	0.4				
	40600405	MATERIAL TRANSFER DEVICE	TON	64,862	64,862				
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,432	1,432				
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	15,868	15,868				
	40603209	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N90	TON	23,302	23,302				
	40603235	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	24,747	24,747				
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	290	290				
	40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	16,391	16,391				
	40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	TON	25,692	25,692				
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	317	317				
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	7,389	7,389				
*	42400800	DETECTABLE WARNINGS	SQ FT	60	60				
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	72,394	72,394				

* SPECIALTY ITEM

MODEL: SOQ-2
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/0366H59-sht-genSOQ.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/10/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	4
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 5/9/25 REV. 4/7/25

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
			TOTAL	0005	0021	0047	0059		
CODE NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL	S.N. 038-0077		
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	2,139	2,139					
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	222,918	222,918					
44000182	HOT-MIX ASPHALT SURFACE REMOVAL, 8"	SQ YD	72,332	72,332					
44000300	CURB REMOVAL	FOOT	80	80					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,421	1,421					
44000600	SIDEWALK REMOVAL	SQ FT	7,389	7,389					
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	1,255	1,255					
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	80	80					
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	380	380					
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	31	31					
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	38	38					
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	279	279					
44213000	PATCHING REINFORCEMENT	SQ YD	1,715	1,715					
44213200	SAW CUTS	FOOT	7,149	7,149					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3,332	3,332					

* SPECIALTY ITEM

MODEL: SOQ-3
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23JobsI/23H0038_09/CAD/CADsheets/D366H59-sht-genSOQ.dgn

HANSON

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	5
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 RURAL	0021 RURAL	0047 RURAL	0059 S.N. 038-0077		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	273	273					
50102400	CONCRETE REMOVAL	CU YD	10.4			5.2	5.2		
50104400	CONCRETE HEADWALL REMOVAL	EACH	3			3			
50104650	SLOPE WALL REMOVAL	SQ YD	245			27	218		
50105220	PIPE CULVERT REMOVAL	FOOT	200			200			
50157300	PROTECTIVE SHIELD	SQ YD	803			470	333		
50300225	CONCRETE STRUCTURES	CU YD	7.6			3.4	4.2		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	9.7			4.6	5.1		
50300300	PROTECTIVE COAT	SQ YD	70			35	35		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4,730	1,720		1,430	1,580		
50800515	BAR SPLICERS	EACH	22				22		
51100100	SLOPE WALL 4 INCH	SQ YD	245			27	218		
52000110	PREFORMED JOINT STRIP SEAL	FOOT	128			60	68		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	64	64					

* SPECIALTY ITEM

MODEL: SOQ-4
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/0366H59-sht-genSOQ.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	6
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 5/13/25 REV. 5/9/25 REV. 4/7/25

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
			TOTAL	0005	0021	0047	0059		
CODE NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL	S.N. 038-0077		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	68			68			
56109210	WATER VALVES TO BE ADJUSTED	EACH	2		2				
59000200	EPOXY CRACK INJECTION	FOOT	178			178			
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	17	17					
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	146	146					
60103900	PIPE DRAINS, CORRUGATED STEEL 24"	FOOT	20	20					
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	425	425					
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1			1			
60260100	INLETS TO BE ADJUSTED	EACH	2	2					
60600605	CONCRETE CURB, TYPE B	FOOT	80	80					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,351	1,351					
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	70	70					
60905305	BOX CULVERTS TO BE CLEANED	FOOT	470			470			
60920024	PIPE CULVERTS TO BE CLEANED 24"	FOOT	48	48					
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,862.5		3862.5				

* SPECIALTY ITEM

MODEL: SOQ-5
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-genSOQ.dgn

HANSON

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	DRAWN - JAM	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	7
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 5/9/25 REV. 4/7/25

					CONSTRUCTION CODE					
					NHPP 90%FED / 10%STATE	NHPP 90%FED / 10%STATE	NHPP 90%FED / 10%STATE	NHPP 90%FED / 10%STATE		
					IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
					ROADWAY	SAFETY	BRIDGE	BRIDGE		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0047	0059		
					RURAL	RURAL	RURAL	S.N. 038-0077		
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7		7				
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	10		10				
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	17		17				
	63200310	GUARDRAIL REMOVAL	FOOT	5,189		5,189				
	63500105	DELINEATORS	EACH	280	280					
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	159,178	159,178					
	64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4	4					
	66500105	WOVEN WIRE FENCE, 4'	FOOT	2,319	2,319					
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	28	28					
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1					
*	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	7	7					
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12		12				
	67100100	MOBILIZATION	L SUM	1	1					

* SPECIALTY ITEM

MODEL: SOQ-6
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/0366H59-sht-genSOQ.dgn

HANSON

USER NAME = Petke00954	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/20/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	8
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 5/9/25

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005 RURAL	0021 RURAL	0047 RURAL	0059 S.N. 038-0077		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1					
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4					
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1					
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1					
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1					
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30					
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1					
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	67,040	67,040					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	22,348	22,348					
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	233,744	233,744					
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	79,915	79,915					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,250	1,250					

* SPECIALTY ITEM

MODEL: SOQ-7
FILE NAME: pw://hansonmic-pw.bentley.com:hanson-pw-03/Documents/23Jobs/23H0038_09/CAD/CADsheets/03366459-snt-gen50Q.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/10/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	9
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

REV. 5/22/25 REV. 4/7/25

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
			TOTAL	0005	0021	0047	0059		
	CODE NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL	S.N. 038-0077		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,250	1,250				
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2				
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2				
*	72000100	SIGN PANEL - TYPE 1	SQ FT	64	64				
*	72000200	SIGN PANEL - TYPE 2	SQ FT	32	32				
*	72000300	SIGN PANEL - TYPE 3	SQ FT	756	756				
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	16	16				
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	12	12				
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	64	64				
*	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	32	32				
*	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	756	756				
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	17		17			
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	4,158	4,158				
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	177	177				
	73000100	WOOD SIGN SUPPORT	FOOT	57	57				

* SPECIALTY ITEM

MODEL: SOQ-8
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-genSOQ.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/10/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	10
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 5/9/25 REV. 4/7/25

					CONSTRUCTION CODE					
					100%STATE	100%STATE	100%STATE	100%STATE		
					IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
					ROADWAY	SAFETY	BRIDGE	BRIDGE		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0047	0059		
					RURAL	RURAL	RURAL	S.N. 038-0077		
	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	17	17					
	73400100	CONCRETE FOUNDATIONS	CU YD	16.0	16.0					
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	20	20					
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	20	20					
*	78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS	SQ FT	49	49					
*	78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	FOOT	3,763	3,763					
*	78004645	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 9"	FOOT	20,520	20,520					
*	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	12	12					
*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	12,961	12,961					
*	78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	328,361	328,361					
*	78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	762	762					
*	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	163,396	163,396					
*	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	3,763	3,763					
*	78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	20,422	20,422					
*	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	381	381					

* SPECIALTY ITEM

MODEL: SOQ-9
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-genSOQ.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/10/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	11
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 5/9/25 REV. 4/7/25

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	0021	0047	0059		
					RURAL	RURAL	RURAL	S.N. 038-0077		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,337	2,337					
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	71		71				
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	16	16					
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2,180	2,180					
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	145,545	145,545					
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
	X0322194	POLYMER MODIFIED PORTLAND CEMENT MORTAR	SQ FT	2			2			
	X0322278	RODENT SHIELDS	EACH	40	40					
	X5110308	SLOPE WALL CRACK SEALING	FOOT	214			214			
	X0326766	CLEAN & RESEAL RELIEF JOINT	FOOT	121			121			
	X2020114	GRADING AND SHAPING DITCHES (SPECIAL)	FOOT	11,215	11,215					
	X4062952	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	1,653		1,653				
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2,813	2,813					
	X4404262	SHOULDER REMOVAL (SPECIAL)	SQ YD	273	273					
	X4405020	LONGITUDINAL PARTIAL DEPTH REMOVAL 2"	FOOT	6,435	6,435					

* SPECIALTY ITEM

					CONSTRUCTION CODE					
				10%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
			TOTAL	0005	0021	0047	0059		
CODE NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL	S.N. 038-0077		
X5420150	MASTIC REPAIRS FOR CULVERTS	L SUM	1			1			
X6013700	PIPE UNDERDRAIN REMOVAL (SPECIAL)	FOOT	425	425					
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	40	40					
X6350120	DELINEATOR REMOVAL	EACH	280	280					
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	55		55				
X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	4	4					
X6640104	FENCE REMOVAL	FOOT	2,319	2,319					
X7010118	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	8	8					
X7010239	CHANGEABLE MESSAGE SIGN (SPECIAL)	CAL WK	192	192					
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1					
* X7011858	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	48	48					
X7200202	ALTERNATE ROUTE SIGNING	L SUM	1	1					
* X7240505	RELOCATE SIGN PANEL AND POST	EACH	4	4					
* X8570002	SMART TRAFFIC MONITORING SYSTEM	CAL WK	48	48					
* X8570004	SMART TRAFFIC MONITORING DEVICE	CAL WK	240	240					

* SPECIALTY ITEM

MODEL: SOQ-11
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-genSOQ.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/12/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	13
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 5/9/25 REV. 4/7/25

				CONSTRUCTION CODE					
				100%STATE	100%STATE	100%STATE	100%STATE		
				IROQUOIS	IROQUOIS	IROQUOIS	IROQUOIS		
				ROADWAY	SAFETY	BRIDGE	BRIDGE		
			TOTAL	0005	0021	0047	0059		
CODE NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL	RURAL	S.N. 038-0077		
XZ004531	FOUNTAIN REMOVAL	L SUM	1		1				
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	132			105	27		
Z0015500	DEBRIS REMOVAL	L SUM	1			1			
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	2			1	1		
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	2			1	1		
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	6			3	3		
Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	73	73					
Z0018913	DRILL AND GROUT #8 TIE BARS	EACH	4,355	4,355					
X5110310	SLOPE WALL REPAIR	SQ YD	27			27			
X5110312	SLOPE WALL SLURRY PUMPING	CU YD	26			26			
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2,000	2,000					

* SPECIALTY ITEM

Ø 0042

MODEL: SOQ-12
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23JobsI/23H0038_09/CAD/CADsheets/D366H59-sht-genSOQ.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/10/2025	DATE - 02/26/25	REVISED -	

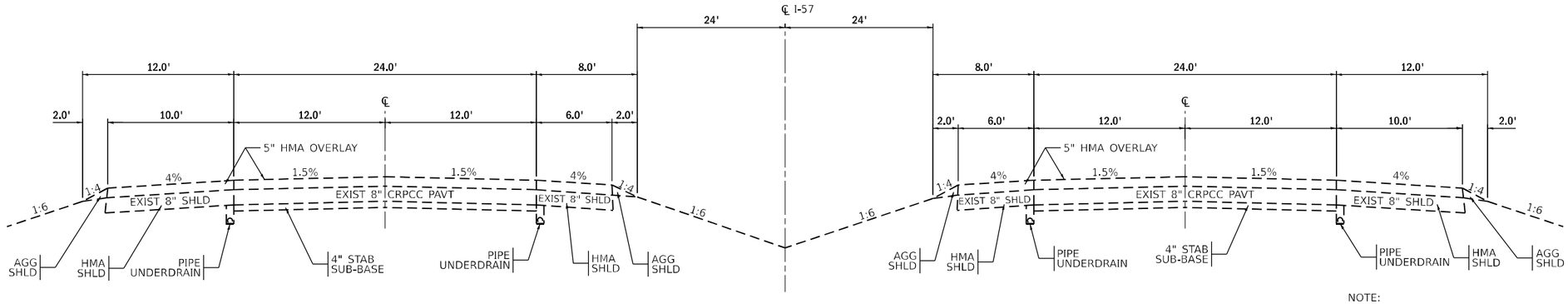
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	14
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

REV. 4/23/25 REV. 4/7/25



NORTHBOUND

EXISTING ROADWAY

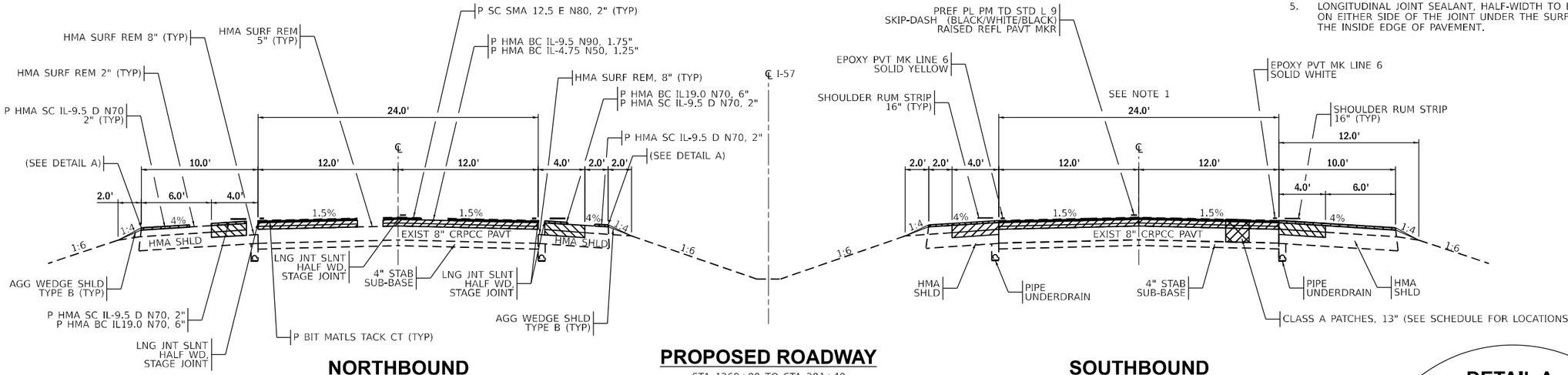
STA 1269+00 TO STA 201+40

BRIDGE OMISSIONS
STA 1356+54 TO STA 1358+50

SOUTHBOUND

NOTE:

1. PROPOSED NORTHBOUND IMPROVEMENTS IDENTICAL TO SOUTHBOUND
2. SEE ROADWAY DETAIL FOR IMPROVEMENT MODIFICATIONS AT OVERHEAD STRUCTURE CROSSINGS.
3. LONGITUDINAL JOINT SEALANT, HALF-WIDTH TO BE PLACED ON EITHER SIDE OF THE JOINT UNDER THE SURFACE LIFT ALONG THE OUTSIDE EDGE OF PAVEMENT JOINT.
4. LONGITUDINAL JOINT SEALANT, HALF-WIDTH TO BE PLACED ON EITHER SIDE OF THE JOINT UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT ALONG THE CENTERLINE JOINT.
5. LONGITUDINAL JOINT SEALANT, HALF-WIDTH TO BE PLACED ON EITHER SIDE OF THE JOINT UNDER THE SURFACE LIFT ON THE INSIDE EDGE OF PAVEMENT.



NORTHBOUND

PROPOSED ROADWAY

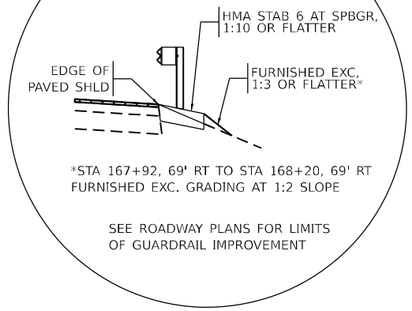
STA 1269+00 TO STA 201+40
(LOOKING SOUTH IN DIRECTION OF INCREASING STATIONING)

BRIDGE OMISSIONS
STA 1356+54 TO STA 1358+50

OVERPASS OMISSIONS
(SEE ROADWAY PLANS AND ROADWAY DETAIL SHEETS)
STA 1282+07 TO STA 1282+37
STA 1442+17 TO STA 1442+39
STA 1566+05 TO STA 1566+39

SOUTHBOUND

DETAIL A



*STA 167+92, 69' RT TO STA 168+20, 69' RT
FURNISHED EXC. GRADING AT 1:2 SLOPE

SEE ROADWAY PLANS FOR LIMITS OF GUARDRAIL IMPROVEMENT

MODEL: Default
FILE NAME: pw://hansonlin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D36H59-intxtypical-001.dgn

HANSON™

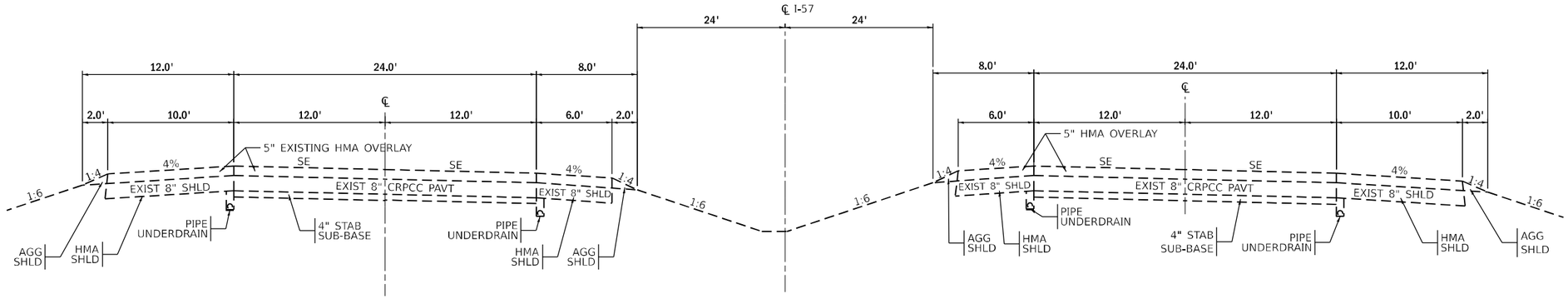
USER NAME = hawkl02095	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 10.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	15
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



NORTHBOUND

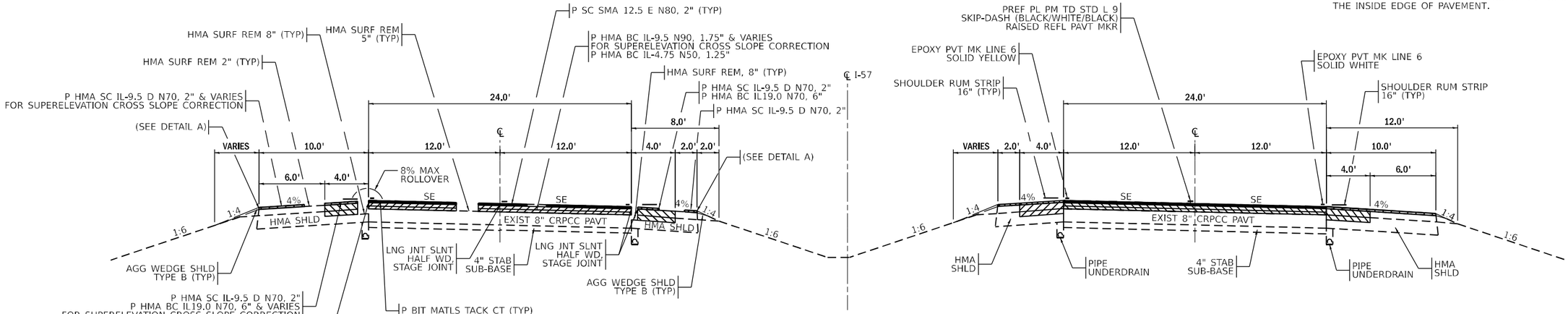
EXISTING ROADWAY

SUPERELEVATED SECTION

SOUTHBOUND

NOTE:

1. PROPOSED NORTHBOUND IMPROVEMENTS IDENTICAL TO SOUTHBOUND
2. SEE ROADWAY DETAIL FOR IMPROVEMENT MODIFICATIONS AT OVERHEAD STRUCTURE CROSSINGS.
3. LONGITUDINAL JOINT SEALANT, HALF-WIDTH TO BE PLACED ON EITHER SIDE OF THE JOINT UNDER THE SURFACE LIFT ALONG THE OUTSIDE EDGE OF PAVEMENT JOINT.
4. LONGITUDINAL JOINT SEALANT, HALF-WIDTH TO BE PLACED ON EITHER SIDE OF THE JOINT UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT ALONG THE CENTERLINE JOINT.
5. LONGITUDINAL JOINT SEALANT, HALF-WIDTH TO BE PLACED ON EITHER SIDE OF THE JOINT UNDER THE SURFACE LIFT ON THE INSIDE EDGE OF PAVEMENT.



NORTHBOUND

PROPOSED ROADWAY

SUPERELEVATED SECTION
(LOOKING SOUTH IN DIRECTION OF INCREASING STATIONING
CURVE TO THE RIGHT SHOWN)
STA 1392+09.53 TO STA 1471+53.79
STA 1519+93.75 TO STA 1560+69.31
STA 112+95.65 TO STA 131+99.68

SOUTHBOUND

CURVE 1A - PI STA 1418+02.83

PC STA 1392+94.80
PT STA 1470+68.99
SE = 1.5% (EXIST.)
SE = 1.5% (PROP.)
CURVE TO RIGHT

CURVE 1B - PI STA 1456+58.26

PC STA 1392+94.80
PT STA 1470+68.99
SE = 1.5% (EXIST.)
SE = 1.5% (PROP.)
CURVE TO RIGHT

CURVE 2 - PI STA 1541+07.48

PC STA 1521+06.75
PT STA 1559+56.41
SE = 2.8% (EXIST.)
SE = 3.4% (PROP.)
CURVE TO LEFT

CURVE 3 - PI STA 122+60.25

PC STA 114+32.65
PT STA 130+62.68
SE = 4.0% (EXIST.)
SE = 4.6% (PROP.)
CURVE TO RIGHT

MODEL: Default
FILE NAME: pw://hansonirn-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADsheets/D3666459-sht-typical-002.dgn

HANSON

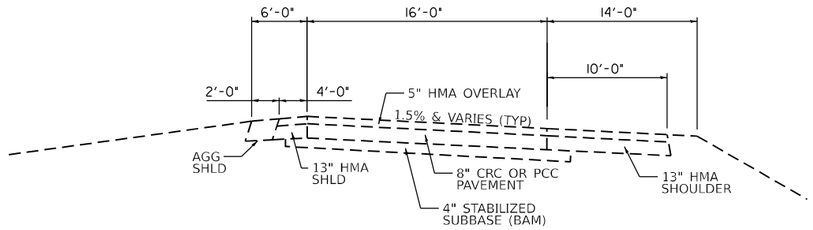
USER NAME = hawki02095	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 10.000 ' / in.	CHECKED - AAP	REVISED -
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

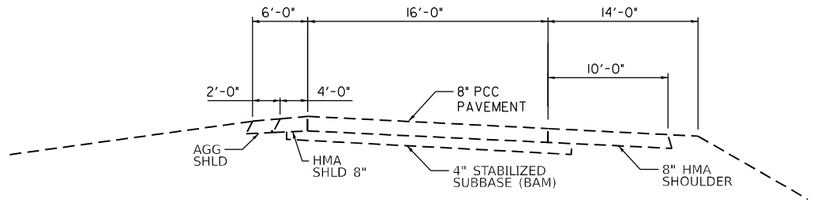
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	16
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



EXISTING REST AREA RAMPS

STA 28+04 TO STA 36+74 (EXIT TO NB REST AREA)
STA 0+00 TO STA 11+55 (ENTRANCE FROM NB REST AREA)
STA 0+00 TO STA 7+45 (EXIT TO SB REST AREA)
STA 23+97 TO STA 37+89 (ENTRANCE FROM SB REST AREA)



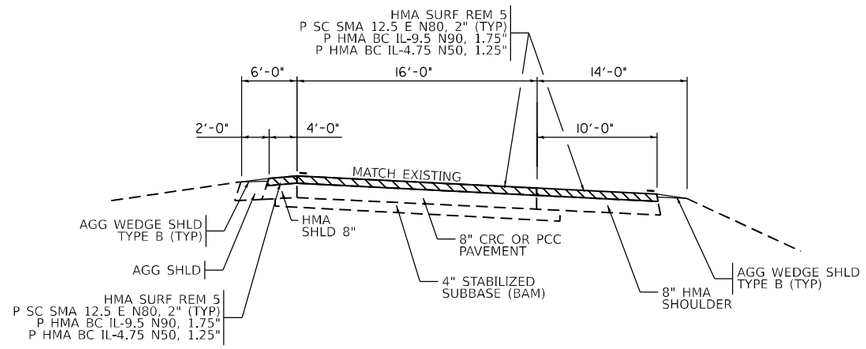
EXISTING REST AREA RAMPS

STA 24+47 TO STA 28+04 (EXIT TO NB REST AREA)
STA 11+55 TO STA 15+61 (ENTRANCE FROM NB REST AREA)
STA 7+45 TO STA 11+71 (EXIT TO SB REST AREA)
STA 20+57 TO STA 23+97 (ENTRANCE FROM SB REST AREA)

NOTES

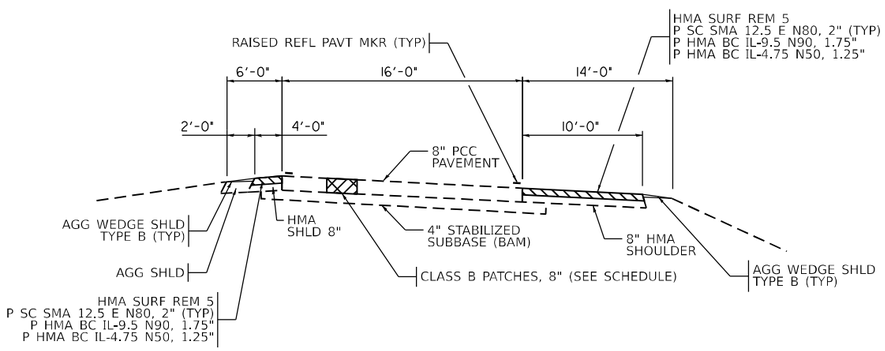
1) EXISTING EXPANSION JOINTS BETWEEN CRC AND PCC PAVEMENT ARE LOCATED AT:
   EXIT TO NB REST AREA STA 29+92
   ENTRANCE TO NB REST AREA STA 9+50
   EXIT TO SB REST AREA STA 6+62
   ENTRANCE TO SB REST AREA STA 27+89

2) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT LOCATED:
   EXIT TO NB REST AREA STA 28+04 TO 28+84
   ENTRANCE TO NB REST AREA STA 10+75 TO 11+55
   EXIT TO SB REST AREA STA 6+62 TO 7+45
   ENTRANCE TO SB REST AREA STA 23+97 TO 24+77



PROPOSED REST AREA RAMPS

STA 28+04 TO STA 36+74 (EXIT TO NB REST AREA)
STA 0+00 TO STA 11+55 (ENTRANCE FROM NB REST AREA)
STA 0+00 TO STA 7+45 (EXIT TO SB REST AREA)
STA 23+97 TO STA 37+89 (ENTRANCE FROM SB REST AREA)



PROPOSED REST AREA RAMPS

STA 24+47 TO STA 28+04 (EXIT TO NB REST AREA)
STA 11+55 TO STA 15+61 (ENTRANCE FROM NB REST AREA)
STA 7+45 TO STA 11+71 (EXIT TO SB REST AREA)
STA 20+57 TO STA 23+97 (ENTRANCE FROM SB REST AREA)

MODEL: Default
FILE NAME: pw://hansonlin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D3666H59-sht-typical-003.dgn

HANSON

USER NAME = hawki02095	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 10.000 ' / In.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	17
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

I-57 MAINLINE PAVEMENT SCHEDULE

LOCATION					LENGTH	WIDTH	HMA SURF REM 5" *	BIT MATLS TACK CT 1.25"	P HMA BC IL-4.75 N50 1.75"	P HMA BC IL-9.5 N90	P SC SMA 12.5 E N80 2.0"	LJS 1/2 W **	MATL TRANSFER DEVICE ***
				DIRECTION									
STA FROM		STA TO		NB/SB	FOOT	FOOT	SQ YD	POUND	TON	TON	TON	FOOT	TON
1269+00.00		1280+52.00		NB	1,152	24	3,072	2,765	215	301	344	9,216	860
1280+52.00		1283+92.00		NB	340	SEE I-57 MAINLINE OVERHEAD ROAD BRIDGES SCHEDULE							
1283+92.00		1295+47.69	BK	NB	1,156	24	3,082	2,774	216	302	345	9,246	863
1295+48.25	AH	1341+15.57	BK	NB	4,567	24	12,180	10,962	853	1,194	1,364	36,539	3,411
1341+14.18	AH	1355+74.00		NB	1,460	24	3,893	3,504	273	382	436	11,679	1,091
1355+74.00		1359+30.00		NB	356	BRIDGE (I-57 OVER SPRING CREEK) & BUTT JOINT OMISSION							
1359+30.00		1392+94.53	BK	NB	3,365	24	8,972	8,075	628	879	1,005	26,916	2,512
1392+94.80	AH	1440+43.00		NB	4,748	24	14,218	12,796	995	1,393	1,592	37,986	3,980
1440+43.00		1443+83.00		NB	340	SEE I-57 MAINLINE OVERHEAD ROAD BRIDGES SCHEDULE							
1443+83.00		1470+68.99	BK	NB	2,686	24	7,190	6,471	503	705	805	21,488	2,013
1470+68.79	AH	1489+83.90	BK	NB	1,915	24	5,107	4,596	357	500	572	15,321	1,429
1489+84.49	AH	1559+56.41	BK	NB	6,972	24	18,513	16,662	1,296	1,814	2,073	55,775	5,183
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 1521+73.75 TO 1558+89.41										472			472
1559+56.31	AH	1564+52.00		NB	496	24	1,322	1,190	93	130	148	3,966	371
1564+52.00		1567+92.00		NB	340	SEE I-57 MAINLINE OVERHEAD ROAD BRIDGES SCHEDULE							
1567+92.00		1583+83.53	BK	NB	1,592	24	4,244	3,819	297	416	475	12,732	1,188
106+00.00	AH	165+30.12	BK	NB	5,930	24	15,864	14,277	1,110	1,555	1,777	47,441	4,442
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 115+00 TO 130+00										196			196
165+32.56	AH	201+40.00		NB	3,607	24	9,620	8,658	673	943	1,077	28,860	2,693
1269+00.00		1280+02.00		SB	1,102	24	2,939	2,645	206	288	329	8,816	823
1280+02.00		1284+42.00		SB	440	SEE I-57 MAINLINE OVERHEAD ROAD BRIDGES SCHEDULE							
1284+42.00		1295+47.69	BK	SB	1,106	24	2,949	2,654	206	289	330	8,846	825
1295+48.25	AH	1341+15.57	BK	SB	4,567	24	12,180	10,962	853	1,194	1,364	36,539	3,411
1341+14.18	AH	1355+74.00		SB	1,460	24	3,893	3,504	273	382	436	11,679	1,091
1355+74.00		1359+30.00		SB	356	BRIDGE (I-57 OVER SPRING CREEK) & BUTT JOINT OMISSION							
1359+30.00		1392+94.53	BK	SB	3,365	24	9,455	8,510	662	927	1,059	26,916	2,648
1392+94.80	AH	1440+83.00		SB	4,788	24	13,796	12,417	966	1,352	1,545	38,306	3,863
1440+83.00		1444+23.00		SB	340	SEE I-57 MAINLINE OVERHEAD ROAD BRIDGES SCHEDULE							
1444+23.00		1470+68.99	BK	SB	2,646	24	7,029	6,326	492	689	787	21,168	1,968
1470+68.79	AH	1489+83.90	BK	SB	1,915	24	5,107	4,596	357	500	572	15,321	1,429
1489+84.49	AH	1559+56.41	BK	SB	6,972	24	18,671	16,804	1,307	1,830	2,091	55,775	5,228
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 1521+73.75 TO 1558+89.41										479			479
1559+56.31	AH	1564+02.00		SB	446	24	1,188	1,069	83	116	133	3,566	332
1564+02.00		1568+42.00		SB	440	SEE I-57 MAINLINE OVERHEAD ROAD BRIDGES SCHEDULE							
1568+42.00		1583+83.53	BK	SB	1,542	24	4,111	3,700	288	403	460	12,332	1,151
106+00.00	AH	165+30.12	BK	SB	5,930	24	15,764	14,187	1,103	1,545	1,766	47,441	4,414
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 115+00 TO 130+00										191			191
165+32.56	AH	201+40.00		SB	3,607	24	9,620	8,658	673	943	1,077	28,860	2,693
				TOTAL			213,978	192,581	14,978	22,311	23,962	632,726	61,251

* 3 APPLICATIONS (APPLIED ON MILLED PVMT (0.05 LB/SF) AND BETWEEN BINDER LIFTS AND BINDER/SURFACE (0.025 LB/SF))
** OUTSIDE EDGE - LJS 1/2 W APPLIED UNDER SURFACE LIFT (1 APPLICATION ON EITHER SIDE OF JOINT = 2 TOTAL)
CENTER JOINT - LJS 1/2 W APPLIED ON EACH BINDER LIFT (2 APPLICATIONS ON EITHER SIDE OF JOINT = 4 TOTAL)
INSIDE EDGE JOINT EDGE - LJS 1/2 W APPLIED UNDER SURFACE LIFT (1 APPLICATION ON EITHER SIDE OF JOINT = 2 TOTAL)
*** REQUIRED FOR MAINLINE PAVEMENT SURFACE AND BINDER COURSES

I-57 MAINLINE PAVEMENT SCHEDULE AT OVERHEAD ROAD BRIDGES

LOCATION			LENGTH	WIDTH	HMA SURF REM 2"	HMA SURF REM 3 1/4"	HMA SURF REM VAR DP	BIT MATLS TACK CT *	P HMA BC IL-4.75 N50 1.25" **	P HMA BC IL-9.5 N90 1.75" **	P SC SMA 12.5 E N80 2.0"	LJS 1/2 W ***	MATL TRANSFER DEVICE ****
		DIRECTION	---	---									
STA FROM	STA TO	EB/WB	FOOT	FOOT	SQ YD	SQ YD	SQ YD	POUND	TON	TON	TON	FOOT	TON
I-57 MAINLINE NB UNDER 700N (TR 327 - SN 038-0133)													
1280+52.00	1281+22.00	NB	70	24			187	168	13	2	28	560	43
1281+22.00	1283+22.00	NB	200	24		533		360	37	0	60	1,600	97
1283+22.00	1283+92.00	NB	70	24			187	168	13	2	28	560	43
I-57 MAINLINE NB UNDER 400N (TR 349 - SN 038-0134)													
1440+43.00	1441+13.00	NB	70	24			224	201	16	2	28	560	46
1441+13.00	1443+13.00	NB	200	24		540		365	38	0	60	1,600	98
1443+13.00	1443+83.00	NB	70	24			187	168	13	2	28	560	43
I-57 MAINLINE NB UNDER 200N (CR 349 - SN 038-0077)													
1564+52.00	1565+22.00	NB	70	24			187	168	13	2	28	560	43
1565+22.00	1567+22.00	NB	200	24		533		360	37	0	60	1,600	97
1567+22.00	1567+92.00	NB	70	24			187	168	13	2	28	560	43
I-57 MAINLINE SB UNDER 700N (TR 327 - SN 038-0133)													
1280+02.00	1281+22.00	SB	120	24			320	288	2	25	36	960	63
1281+22.00	1283+22.00	SB	200	24	533			240	0	0	60	1,600	60
1283+22.00	1284+42.00	SB	120	24			320	288	2	25	36	960	63
I-57 MAINLINE SB UNDER 400N (TR 349 - SN 038-0134)													
1440+83.00	1441+53.00	SB	70	24			187	168	13	2	28	560	43
1441+53.00	1443+53.00	SB	200	24		533		360	37	0	60	1,600	97
1443+53.00	1444+23.00	SB	70	24			187	168	13	2	28	560	43
I-57 MAINLINE SB UNDER 200N (CR 349 - SN 038-0077)													
1564+02.00	1565+22.00	SB	120	24			320	288	2	25	36	960	63
1565+22.00	1567+22.00	SB	200	24	533			240	0	0	60	1,600	60
1567+22.00	1568+42.00	SB	120	24			320	288	2	25	36	960	63
		TOTAL			1,066	2,139	2,813	4,454	264	116	728	17,920	1,108

* APPLICATIONS (APPLIED ON MILLED PVMT (0.05 LB/SF) AND BETWEEN BINDER LIFTS AND BINDER/SURFACE (0.025 LB/SF))
** BINDER LAYERS VARY IN THICKNESS AS IT TRANSITIONS UNDER AN OVERHEAD BRIDGE. SEE ROADWAY DETAILS.
*** OUTSIDE EDGE - LJS F1/2 W APPLIED UNDER SURFACE LIFT (1 APPLICATION ON EITHER SIDE OF JOINT = 2 TOTAL)
CENTER JOINT - LJS 1/2 W APPLIED ON EACH BINDER LIFT (2 APPLICATIONS ON EITHER SIDE OF JOINT = 4 TOTAL)
INSIDE EDGE JOINT EDGE - LJS 1/2 W APPLIED UNDER SURFACE LIFT (1 APPLICATION ON EITHER SIDE OF JOINT = 2 TOTAL)
**** REQUIRED FOR MAINLINE PAVEMENT SURFACE AND BINDER COURSES

SEE ROADWAY DETAILS FOR SCHEMATIC OF PAVEMENT AND SHOULDER MATERIAL TRANSITIONS AT OVERHEAD ROAD BRIDGES

MODEL: SCH-01
FILE NAME: pw://hansonlnc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CADD/CADSheets/D36H59-sht-schedule.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	18
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

I-57 MAINLINE OUTSIDE SHOULDER SCHEDULE

LOCATION					LENGTH	AREA		OUTSIDE 6' HMA SURF REM 2"	INSIDE 4' HMA SURF REM 8"	GORE HMA SURF REM 5"	* BIT MATLS TACK CT	6" P HMA BC IL19.0 N70	2" P HMA SC IL-9.5 D N70	1.25" P HMA BC IL-4.75 N50	1.75" P HMA BC IL-9.5 N90	2.0" P SC SMA 12.5 E N80	** MATL TRANSFER DEVICE
				DIRECTION	---	10' SHLD	GORE	44000157	44000182	44000169	40600290	40603235	40604162	40603200	40603209	40605034	40600405
STA FROM		STA TO		NB/SB	FOOT	SQ YD		SQ YD	SQ YD	SQ YD	POUND	TON	TON	TON	TON	TON	TON
1269+00.00		1280+52.00		NB	1,152	1,280	0	771	509	0	805	171	143	0	0	0	0
1280+52.00		1283+92.00		NB	340	SEE I-57 MAINLINE OUTSIDE SHOULDER OVERHEAD ROAD BRIDGES SCHEDULE											
1283+92.00		1295+47.69	BK	NB	1,156	1,284	0	770	514	0	809	173	144	0	0	0	0
1295+48.25	AH	1341+15.57	BK	NB	4,567	5,075	0	3,052	2,022	0	3,194	680	568	0	0	0	0
1341+14.18	AH	1356+54.00		NB	1,540	1,711	0	1,029	682	0	1,077	229	192	0	0	0	0
1356+54.00		1358+50.00		NB	196	BRIDGE (I-57 OVER SPRING CREEK) OMISSION											
1358+50.00		1392+94.53	BK	NB	3,445	3,827	0	2,296	1,531	0	2,411	514	429	0	0	0	0
1392+94.80	AH	1405+90.00		NB	1,295	1,447	0	869	579	0	912	194	162	0	0	0	0
1414+51.00		1416+47.00		NB	196	0	135	0	0	135	91	0	0	9	13	15	37
1416+47.00		1434+81.00		NB	1,834	2,049	0	1,229	819	0	1,291	275	229	0	0	0	0
1434+81.00		1439+22.00		NB	441	0	424	0	0	424	287	0	0	30	42	48	120
1439+22.00		1440+43.00		NB	121	136	0	81	54	0	85	18	15	0	0	0	0
1440+43.00		1443+83.00		NB	340	SEE I-57 MAINLINE OUTSIDE SHOULDER OVERHEAD ROAD BRIDGES SCHEDULE											
1443+83.00		1470+68.99	BK	NB	2,686	3,000	0	1,801	1,200	0	1,890	403	336	0	0	0	0
1470+68.79	AH	1489+83.90	BK	NB	1,915	2,128	0	1,277	851	0	1,341	286	238	0	0	0	0
1489+84.49	AH	1559+56.41	BK	NB	6,972	7,701	0	4,620	3,081	0	4,852	1,035	863	0	0	0	0
1559+56.31	AH	1564+52.00		NB	496	551	0	331	220	0	347	74	62	0	0	0	0
1564+52.00		1567+92.00		NB	340	SEE I-57 MAINLINE OUTSIDE SHOULDER OVERHEAD ROAD BRIDGES SCHEDULE											
1567+92.00		1583+83.53	BK	NB	1,592	1,768	0	1,061	707	0	1,114	238	198	0	0	0	0
106+00.00	AH	165+30.12	BK	NB	5,930	6,618	0	3,971	2,647	0	4,169	889	741	0	0	0	0
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 115+00 TO 130+00												65	98				
165+32.56	AH	201+40.00		NB	3,607	4,008	0	2,405	1,603	0	2,525	539	449	0	0	0	0
1269+00.00		1280+02.00		SB	1,102	1,225	0	732	493	0	773	166	137	0	0	0	0
1280+02.00		1284+42.00		SB	440	SEE I-57 MAINLINE OUTSIDE SHOULDER OVERHEAD ROAD BRIDGES SCHEDULE											
1284+42.00		1295+47.69	BK	SB	1,106	1,229	0	737	491	0	774	165	138	0	0	0	0
1295+48.25	AH	1341+15.57	BK	SB	4,567	5,075	0	3,045	2,030	0	3,197	682	568	0	0	0	0
1341+14.18	AH	1356+54.00		SB	1,540	1,711	0	1,027	684	0	1,078	230	192	0	0	0	0
1356+54.00		1358+50.00		SB	196	BRIDGE (I-57 OVER SPRING CREEK) OMISSION											
1358+50.00		1370+75.00		SB	1,225	1,361	0	816	544	0	857	183	152	0	0	0	0
1373+97.00		1377+60.00		SB	363	0	429	0	0	429	289	0	0	30	42	48	120
1377+60.00		1392+94.53	BK	SB	1,535	1,705	0	1,023	682	0	1,074	229	191	0	0	0	0
1392+94.80	AH	1395+42.00		SB	247	273	0	164	109	0	172	37	31	0	0	0	0
1395+42.00		1399+22.00		SB	380	0	267	0	0	267	181	0	0	19	26	30	75
1408+26.00		1440+83.00		SB	3,257	3,599	0	2,159	1,440	0	2,268	484	403	0	0	0	0
1440+83.00		1444+23.00		SB	340	SEE I-57 MAINLINE OUTSIDE SHOULDER OVERHEAD ROAD BRIDGES SCHEDULE											
1444+23.00		1470+68.99	BK	SB	2,646	2,924	0	1,754	1,170	0	1,842	393	328	0	0	0	0
1470+68.79	AH	1489+83.90	BK	SB	1,915	2,128	0	1,277	851	0	1,341	286	238	0	0	0	0
1489+84.49	AH	1559+56.41	BK	SB	6,972	7,792	0	4,676	3,116	0	4,909	1,047	873	0	0	0	0
1559+56.31	AH	1564+02.00		SB	446	495	0	297	198	0	312	67	55	0	0	0	0
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 1521+73.75 TO 1558+89.41												160	241				
1564+02.00		1568+42.00		SB	440	SEE I-57 MAINLINE OUTSIDE SHOULDER OVERHEAD ROAD BRIDGES SCHEDULE											
1568+42.00		1583+83.53	BK	SB	1,542	1,713	0	1,028	685	0	1,079	230	192	0	0	0	0
106+00.00	AH	165+30.12	BK	SB	5,930	6,560	0	3,936	2,625	0	4,133	882	735	0	0	0	0
165+32.56	AH	201+40.00		SB	3,607	4,008	0	2,405	1,603	0	2,525	539	449	0	0	0	0
					TOTAL			50,640	33,741	1,256	54,004	11,563	9,789	88	123	141	352

* 3 APPLICATIONS (APPLIED ON MILLED PVMT (0.05 LB/SF) AND BETWEEN BINDER LIFTS AND BINDER/SURFACE (0.025 LB/SF))
** REQUIRED FOR MAINLINE PAVEMENT SURFACE AND BINDER COURSES (WITHIN GORE AREA)

I-57 MAINLINE OUTSIDE SHOULDER SCHEDULE AT OVERHEAD ROAD BRIDGES

LOCATION			LENGTH	AREA	OUTSIDE 6' HMA SURF REM 2"	INSIDE 4' HMA SURF REM 8"	* BIT MATLS TACK CT	6" P HMA BC IL19.0 N70	2" P HMA SC IL-9.5 D N70
		DIRECTION	---	10' SHLD					
STA FROM	STA TO	NB/SB	FOOT	SQ YD	SQ YD	SQ YD	POUND	TON	TON
I-57 MAINLINE NB UNDER 700N (TR 327 - SN 038-0133)[1,3,5]									
1280+52.00	1281+22.00	NB	70	78	47	31	49	10	9
1281+22.00	1283+22.00	NB	200	222	134	88	139	29	25
1283+22.00	1283+92.00	NB	70	78	47	31	49	10	9
I-57 MAINLINE NB UNDER 400N (TR 349 - SN 038-0134)[1,3,5]									
1440+43.00	1441+13.00	NB	70	79	47	32	50	11	9
1441+13.00	1443+13.00	NB	200	222	133	89	140	30	25
1443+13.00	1443+83.00	NB	70	79	47	31	49	11	9
I-57 MAINLINE NB UNDER 200N (CR 349 - SN 038-0077)[1,3,5]									
1564+52.00	1565+22.00	NB	70	78	47	31	49	10	9
1565+22.00	1567+22.00	NB	200	222	133	89	140	30	25
1567+22.00	1567+92.00	NB	70	78	47	31	49	10	9
I-57 MAINLINE SB UNDER 700N (TR 327 - SN 038-0133)[2,4]									
1280+02.00	1281+22.00	SB	120	133	79	54	84	18	15
1281+22.00	1283+22.00	SB	200	222	132	90	141	30	25
1283+22.00	1284+42.00	SB	120	133	79	54	84	18	15
I-57 MAINLINE SB UNDER 400N (TR 349 - SN 038-0134)[1,3,5]									
1440+83.00	1441+53.00	SB	70	77	46	31	48	10	9
1441+53.00	1443+53.00	SB	200	222	133	89	140	30	25
1443+53.00	1444+23.00	SB	70	77	46	31	48	10	9
I-57 MAINLINE SB UNDER 200N (CR 349 - SN 038-0077)[2,4]									
1564+02.00	1565+22.00	SB	120	134	80	53	84	18	15
1565+22.00	1567+22.00	SB	200	223	133	89	140	30	25
1567+22.00	1568+42.00	SB	120	134	80	53	84	18	15
		TOTAL			1,491	997	1,567	333	282

* APPLICATIONS (APPLIED ON MILLED PVMT (0.05 LB/SF) AND BETWEEN BINDER LIFTS AND BINDER/SURFACE (0.025 LB/SF))

SEE ROADWAY DETAILS FOR SCHEMATIC OF PAVEMENT AND SHOULDER MATERIAL TRANSITIONS AT OVERHEAD ROAD BRIDGES

I-57 MAINLINE INSIDE SHOULDER SCHEDULE

LOCATION					LENGTH	WIDTH	AREA	INSIDE 4' HMA SURF REM 8"	OUTSIDE 2' HMA SURF REM 2	* BIT MATLS TACK CT	6" P HMA BC IL19.0 N70	2" P HMA SC IL-9.5 D N70
				DIRECTION	---	---						
STA FROM		STA TO		EB/WB	FOOT	FOOT	SQ YD	SQ YD	SQ YD	POUND	TON	TON
1269+00.00		1280+52.00		NB	1,152	6	768	512	256	576	172	86
1280+52.00		1283+92.00		NB	340	SEE I-57 MAINLINE INSIDE SHOULDER OVERHEAD ROAD BRIDGE SCHEDULE						
1283+92.00		1295+47.69	BK	NB	1,156	6	770	514	257	578	173	86
1295+48.25	AH	1341+15.57	BK	NB	4,567	6	3,045	2,030	1,015	2,284	682	341
1341+14.18	AH	1356+54.00		NB	1,540	6	1,027	684	342	770	230	115
1356+54.00		1358+50.00		NB	196	BRIDGE OMISSION (I-80 OVER SPRING CREEK)						
1358+50.00		1392+94.53	BK	NB	3,445	6	2,296	1,531	765	1,722	514	257
1392+94.80	AH	1440+43.00		NB	4,748	6	3,174	2,116	1,058	2,380	711	355
1440+43.00		1443+83.00		NB		SEE I-57 MAINLINE INSIDE SHOULDER OVERHEAD ROAD BRIDGE SCHEDULE						
1443+83.00		1470+68.99	BK	NB	2,686	6	1,795	1,197	598	1,346	402	201
1470+68.79	AH	1489+83.90	BK	NB	1,915	6	1,277	851	426	958	286	143
1489+84.49	AH	1559+56.41	BK	NB	6,972	6	5,057	3,745	1,312	3,961	1,258	566
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 1521+73.75 TO 1558+89.41											157	79
1559+56.31	AH	1564+52.00		NB	496	6	330	220	110	248	74	37
1564+52.00		1567+92.00		NB	340	SEE I-57 MAINLINE INSIDE SHOULDER OVERHEAD ROAD BRIDGE SCHEDULE						
1567+92.00		1583+83.53	BK	NB	1,592	6	1,061	707	354	796	238	119
106+00.00	AH	165+30.12	BK	NB	5,930	6	3,962	2,641	1,320	2,971	887	444
165+32.56	AH	201+40.00		NB	3,607	6	2,405	1,603	802	1,804	539	269
1269+00.00		1280+02.00		SB	1,102	6	735	490	245	551	165	82
1280+02.00		1284+42.00		SB	440	SEE I-57 MAINLINE INSIDE SHOULDER OVERHEAD ROAD BRIDGE SCHEDULE						
1284+42.00		1295+47.69	BK	SB	1,106	6	737	487	250	551	164	83
1295+48.25	AH	1341+15.57	BK	SB	4,567	6	3,045	2,030	1,015	2,284	682	341
1341+14.18	AH	1356+54.00		SB	1,540	6	1,027	684	342	770	230	115
1356+54.00		1358+50.00		SB	196	BRIDGE OMISSION (I-57 OVER SPRING CREEK)						
1358+50.00		1392+94.53	BK	SB	3,445	6	2,296	1,531	765	1,722	514	257
1392+94.80	AH	1440+83.00		SB	4,788	6	3,184	2,123	1,062	2,388	713	357
1440+83.00		1444+23.00		SB	340	SEE I-57 MAINLINE INSIDE SHOULDER OVERHEAD ROAD BRIDGE SCHEDULE						
1444+23.00		1470+68.99	BK	SB	2,646	6	1,760	1,173	587	1,320	394	197
1470+68.79	AH	1489+83.90	BK	SB	1,915	6	1,277	851	426	958	286	143
1489+84.49	AH	1559+56.41	BK	SB	6,972	6	5,276	3,763	1,512	4,068	1,264	591
1559+56.31	AH	1564+02.00		SB	446	6	297	198	99	223	67	33
1564+02.00		1568+42.00		SB	440	SEE I-57 MAINLINE INSIDE SHOULDER OVERHEAD ROAD BRIDGE SCHEDULE						
1568+42.00		1583+83.53	BK	SB	1,542	6	1,028	685	343	771	230	115
106+00.00	AH	165+30.12	BK	SB	5,930	6	3,945	2,630	1,315	2,959	884	442
SUPERELEVATION CORRECTION: ADDITIONAL BINDER 115+00 TO 130+00											64	32
165+32.56	AH	201+40.00		SB	3,607	6	2,405	1,603	802	1,804	539	269
						TOTAL		36,601	17,376	40,763	12,519	6,154

* 3 APPLICATIONS (APPLIED ON MILLED PVMT (0.05 LB/SF) AND BETWEEN BINDER LIFTS AND BINDER/SURFACE (0.025 LB/SF))

SEE ROADWAY DETAILS FOR SCHEMATIC OF PAVEMENT AND SHOULDER MATERIAL TRANSITIONS AT OVERHEAD ROAD BRIDGES

I-57 MAINLINE INSIDE SHOULDER SCHEDULE AT OVERHEAD ROAD BRIDGES

LOCATION			LENGTH	WIDTH	OUTSIDE 2' HMA SURF REM 2"	INSIDE 4' HMA SURF REM 8"	* BIT MATLS TACK CT	6" P HMA BC IL19.0 N70	2" P HMA SC IL-9.5 D N70
		DIRECTION							
STA FROM	STA TO	NB/SB	FOOT	FOOT	SQ YD	SQ YD	POUND	TON	TON
I-57 MAINLINE NB UNDER 700N (TR 327 - SN 038-0133)									
1280+52.00	1281+22.00	NB	70	6	16	31	35	10	5
1281+22.00	1283+22.00	NB	200	6	44	89	100	30	15
1283+22.00	1283+92.00	NB	70	6	16	31	35	10	5
I-57 MAINLINE NB UNDER 400N (TR 349 - SN 038-0134)									
1440+43.00	1441+13.00	NB	70	6	16	31	35	11	5
1441+13.00	1443+13.00	NB	200	6	44	89	100	30	15
1443+13.00	1443+83.00	NB	70	6	16	31	35	10	5
I-57 MAINLINE NB UNDER 200N (CR 349 - SN 038-0077)									
1564+52.00	1565+22.00	NB	70	6	16	31	35	10	5
1565+22.00	1567+22.00	NB	200	6	44	89	100	30	15
1567+22.00	1567+92.00	NB	70	6	16	31	35	10	5
I-57 MAINLINE SB UNDER 700N (TR 327 - SN 038-0133)									
1280+02.00	1281+22.00	SB	120	6	27	53	60	18	9
1281+22.00	1283+22.00	SB	200	6	46	88	99	29	15
1283+22.00	1284+42.00	SB	120	6	27	53	60	18	9
I-57 MAINLINE SB UNDER 400N (TR 349 - SN 038-0134)									
1440+83.00	1441+53.00	SB	70	6	15	31	35	10	5
1441+53.00	1443+53.00	SB	200	6	44	89	100	30	15
1443+53.00	1444+23.00	SB	70	6	15	31	35	10	5
I-57 MAINLINE SB UNDER 200N (CR 349 - SN 038-0077)									
1564+02.00	1565+22.00	SB	120	6	27	53	60	18	9
1565+22.00	1567+22.00	SB	200	6	44	89	100	30	15
1567+22.00	1568+42.00	SB	120	6	27	53	60	18	9
				TOTAL	501	993	1,119	332	166

* APPLICATIONS (APPLIED ON MILLED PVMT (0.05 LB/SF) AND BETWEEN BINDER LIFTS AND BINDER/SURFACE (0.025 LB/SF))

I-57 RAMP SCHEDULE

LOCATION			LENGTH	WIDTH	HMA SURF REM 5"	* BIT MATLS TACK CT	1.25" P HMA BC IL-4.75 N50	1.75" P HMA BC IL-9.5 N90	2.0" P SC SMA 12.5 E N80	** MATL TRANSFER DEVICE	LONG JOINT SEALANT	LJS 1/2 W
			---	---								
STA FROM	STA TO		FOOT	FOOT	SQ YD	POUND	TON	TON	TON	TON	FOOT	FOOT
NB I-57 (REST AREA EXIT RAMP)												
28+84	32+52	RAMP	368	16	655	590	46	64	73	183	368	2,208
28+04	29+90	LT SHLD	186	4	84	76	6	8	9	23	186	1,116
24+72	34+33	RT SHLD	961	10	1,064	958	74	104	119	297	961	5,766
NB I-57 (REST AREA ENTRANCE RAMP)												
9+43	10+75	RAMP	132	16	238	214	17	23	27	67	132	792
10+60	14+33	LT SHLD	373	4	168	151	12	16	19	47	373	2,238
0+00	12+95	RT SHLD	1,295	10	1,430	1,287	100	140	160	400	1,295	7,770
SB I-57 (REST AREA EXIT RAMP)												
4+04	6+62	RAMP	258	16	460	414	32	45	52	129	258	1,548
6+66	10+01	LT SHLD	335	4	150	135	11	15	17	43	335	2,010
0+00	11+48	RT SHLD	1,148	10 & VAR.	1,130	1,017	79	111	127	317	1,148	6,888
SB I-57 (REST AREA ENTRANCE RAMP)												
24+77	27+90	RAMP	313	16	561	504	39	55	63	157	313	1,878
22+32	25+15	LT SHLD	283	4	129	116	9	13	14	36	283	1,698
23+21	37+89	RT SHLD	1,468	10	1,616	1,454	113	158	181	452	1,468	8,808
				TOTAL	7,684	6,916	538	752	861	2,151	7,120	42,720

NOTE: RT/LT SHOULDER DESIGNATION TAKEN RELATIVE TO DIRECTION OF TRAVEL

* APPLICATION APPLIED ON MILLED PVMT (0.05 LB/SF), BETWEEN BINDER LIFTS (0.025 LB/SF), AND BINDER/SURFACE (0.025 LB/SF)

** REQUIRED FOR RAMP SURFACE AND BINDER COURSES

MODEL: SCH-03
FILE NAME: pw://hansonlnc-pw.bentley.com:hanson-pw-01/Documents/23job/23H0038_09/CADD/CADSheets/D36H459-sht-schedule.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	20
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

PATCHING SCHEDULE

LOCATION	LANE	PATCH LENGTH	PATCH WIDTH	CL A TY II, 13"	CL A TY III, 13"	CL A TY IV, 13"	PATCH REINFOR CEMENT	SAW CUTS	DRILL-GROUT #6 T-BAR	DRILL-GROUT #8 T-BAR
I-57 NORTHBOUND		FEET	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH
1275+29	PASSING	6	12	8			8	36		24
1275+29	PASSING	6	12	8			8	36		24
1291+13	PASSING	6	12	8			8	36		24
1291+13	PASSING	6	12	8			8	36		24
1296+42	DRIVING	6	12	8			8	36		24
1296+42	DRIVING	6	12	8			8	36		24
1296+42	DRIVING	6	12	8			8	36		24
1306+98	DRIVING	8	12	11			11	40		24
1312+26	DRIVING	12	12		16		16	48		24
1317+54	DRIVING	6	12	8			8	36		24
1322+82	DRIVING	10	12	13			13	44		24
1328+10	DRIVING	10	12	13			13	44		24
1333+38	DRIVING	10	12	13			13	44		24
1333+38	DRIVING	35	12			47	47	94	13	24
1338+66	DRIVING	6	12	8			8	36		24
1343+93	DRIVING	6	12	8			8	36		24
1359+77	DRIVING	6	12	8			8	36		24
1365+05	DRIVING	6	12	8			8	36		24
1365+05	PASSING	6	12	8			8	36		24
1386+17	DRIVING	6	12	8			8	36		24
1386+17	DRIVING	25	12			33	33	74	9	24
1386+17	PASSING	25	12			33	33	74	9	24
1391+45	DRIVING	6	12	8			8	36		24
1391+45	DRIVING	6	12	8			8	36		24
1396+73	DRIVING	6	12	8			8	36		24
1396+73	DRIVING	6	12	8			8	36		24
1396+73	DRIVING	6	12	8			8	36		24
1402+01	DRIVING	6	12	8			8	36		24
1402+01	PASSING	6	12	8			8	36		24
1407+29	DRIVING	6	12	8			8	36		24
1407+29	DRIVING	6	12	8			8	36		24
1412+57	DRIVING	6	12	8			8	36		24
1412+57	PASSING	6	12	8			8	36		24
1412+57	DRIVING	6	12	8			8	36		24
1412+57	PASSING	6	12	8			8	36		24
1412+57	DRIVING	6	12	8			8	36		24
1412+57	DRIVING	6	12	8			8	36		24
1423+13	DRIVING	6	12	8			8	36		24
1423+13	PASSING	6	12	8			8	36		24
1428+41	DRIVING	6	12	8			8	36		24
1428+41	DRIVING	6	12	8			8	36		24
1428+41	DRIVING	6	12	8			8	36		24
1433+69	PASSING	6	12	8			8	36		24
1449+53	PASSING	25	12			33	33	74	9	24
1460+09	DRIVING	12	12		16		16	48		24
1470+65	DRIVING	8	12	11			11	40		24
1475+93	DRIVING	20	12			27	27	64		24
1475+93	DRIVING	6	12	8			8	36		24
1475+93	DRIVING	6	12	8			8	36		24
1475+93	DRIVING	6	12	8			8	36		24
1481+21	DRIVING	6	12	8			8	36		24
1486+49	DRIVING	6	12	8			8	36		24
1486+49	DRIVING	20	12			27	27	64		24
1523+45	DRIVING	6	12	8			8	36		24
1534+01	DRIVING	6	12	8			8	36		24
1534+01	DRIVING	6	12	8			8	36		24
1534+01	DRIVING	6	12	8			8	36		24
1534+01	DRIVING	6	12	8			8	36		24
1539+29	DRIVING	6	12	8			8	36		24
1576+25	DRIVING	6	12	8			8	36		24
1576+25	PASSING	6	12	8			8	36		24
1581+53	DRIVING	6	12	8			8	36		24
1581+53	DRIVING	6	12	8			8	36		24
1581+53	DRIVING	6	12	8			8	36		24

CONTINUED NEXT COLUMN

PATCHING SCHEDULE

LOCATION	LANE	PATCH LENGTH	PATCH WIDTH	CL A TY II, 13"	CL A TY III, 13"	CL A TY IV, 13"	PATCH REINFOR CEMENT	SAW CUTS	DRILL-GROUT #6 T-BAR	DRILL-GROUT #8 T-BAR
I-57 NORTHBOUND		FEET	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH
108+98	DRIVING	6	12	8			8	36		24
108+98	PASSING	6	12	8			8	36		24
130+10	PASSING	6	12	8			8	36		24
135+38	PASSING	10	12	13			13	44		24
135+38	DRIVING	6	12	8			8	36		24
140+66	DRIVING	6	12	8			8	36		24
140+66	DRIVING	6	12	8			8	36		24
140+66	DRIVING	6	12	8			8	36		24
145+94	DRIVING	6	12	8			8	36		24
145+94	DRIVING	6	12	8			8	36		24
156+50	DRIVING	6	12	8			8	36		24
156+50	PASSING	6	12	8			8	36		24
156+50	DRIVING	6	12	8			8	36		24
156+50	PASSING	55	12			73	73	134	19	24
167+08	DRIVING	6	12	8			8	36		24
172+36	PASSING	6	12	8			8	36		24
182+92	PASSING	20	12			27	27	64		24
198+76	PASSING	6	12	8			8	36		24
NORTHBOUND TOTAL		**695**	**972**	**594**	**32**	**300**	**926**	**3,334**	**59**	**1,944**

NOTE: PATCHING WAS PERFORMED USING MILEAGE, STATIONS ARE APPROXIMATE.
FINAL LOCATIONS FOR PATCHING ARE TO BE DETERMINED BY ENGINEER.

I-57 REST AREA SCHEDULE

LOCATION	SIDEWALK REM	PC CONC SIDEWALK 5	COMB CURB GUTTER REM	COMB CC&G TY B-6.24	COMB CC&G TM6.06	HMA SURF REM 2	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	BITUMINOUS MATERIALS (TACK COAT)	INLETS TO BE ADJUSTED
	SQ FT	SQ FT	FOOT	FOOT	FOOT	SQ YD	TON	POUND	EACH
SB REST AREA	3921	3921	584	578	6	1320	148	66	1
NB REST AREA	3468	3468	837	773	64	0	0	0	1
TOTAL	**7389**	**7389**	**1421**	**1351**	**70**	**1320**	**148**	**66**	**2**

WOVEN WIRE FENCE SCHEDULE

FROM (STA.)	TO (STA.)	SIDE	WOV W FENCE 4	FENCE REMOVAL
			FOOT	FOOT
1271+69	1272+36	NB	81	81
1301+94	1302+09	SB	14	14
1311+23	1311+37	SB	14	14
1316+93	1317+76	SB	83	83
1330+56	1330+98	NB	42	42
1332+29	1334+07	SB	179	179
1352+34	1353+16	SB	82	82
1363+42	1364+52	SB	110	110
1423+58	1424+06	SB	47	47
1450+35	1451+13	NB	79	79
1475+35	1475+80	SB	45	45
1520+66	1521+54	SB	88	88
1521+68	1522+36	NB	66	66
1522+90	1523+20	SB	31	31
1524+92	1525+46	NB	53	53
1530+69	1530+79	SB	11	11
1554+74	1555+02	NB	28	28
1554+92	1555+48	SB	57	57
1557+18	1557+60	SB	43	43
1557+38	1560+53	NB	311	311
1561+41	1561+59	NB	18	18
1565+18	1565+72	SB	55	55
1566+87	1567+28	NB	43	43
1572+64	1573+08	SB	44	44
119+14	121+25	NB	217	217
130+82	131+39	NB	57	57
136+44	136+90	NB	46	46
137+34	137+76	SB	42	42
144+14	144+28	NB	14	14
152+72	153+24	SB	52	52
159+83	160+10	NB	27	27
180+73	182+48	SB	175	175
182+77	183+43	SB	65	65
		TOTAL	**2,319**	**2,319**

MODEL: SCH-04
FILE NAME: pw://hansonInc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/0366H59-sht-schedule.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	21
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

PATCHING SCHEDULE

LOCATION	LANE	PATCH LENGTH	PATCH WIDTH	CL A TY II, 13"	CL A TY III, 13"	CL A TY IV, 13"	PATCH REINFOR-CEMENT	SAW CUTS	DRILL-GROUT #6 T-BAR	DRILL-GROUT #8 T-BAR
I-57 SOUTHBOUND		FEET	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH
1275+28	DRIVING	12	12		16		16	48		24
1275+28	PASSING	12	12		16		16	48		24
1280+56	DRIVING	6	12	8			8	36		24
1333+38	DRIVING	6	12	8			8	36		24
1333+38	DRIVING	6	12	8			8	36		24
1333+38	DRIVING	6	12	8			8	36		24
1343+93	DRIVING	6	12	8			8	36		24
1349+21	DRIVING	6	12	8			8	36		24
1354+49	DRIVING	6	12	8			8	36		24
1380+89	DRIVING	6	12	8			8	36		24
1380+89	DRIVING	8	12	11			11	40		24
1380+89	DRIVING	10	12	13			13	44		24
1386+17	DRIVING	8	12	11			11	40		24
1396+73	DRIVING	6	12	8			8	36		24
1396+73	DRIVING	10	12	13			13	44		24
1396+73	DRIVING	6	12	8			8	36		24
1402+01	DRIVING	8	12	11			11	40		24
1407+29	DRIVING	8	12	11			11	40		24
1412+57	DRIVING	10	12	13			13	44		24
1412+57	PASSING	6	12	8			8	36		24
1412+57	DRIVING	6	12	8			8	36		24
1412+57	DRIVING	6	12	8			8	36		24
1417+85	DRIVING	6	12	8			8	36		24
1417+85	DRIVING	6	12	8			8	36		24
1417+85	PASSING	6	12	8			8	36		24
1417+85	DRIVING	6	12	8			8	36		24
1417+85	PASSING	6	12	8			8	36		24
1423+13	DRIVING	6	12	8			8	36		24
1423+13	DRIVING	6	12	8			8	36		24
1423+13	PASSING	8	12	11			11	40		24
1423+13	DRIVING	10	12	13			13	44		24
1423+13	DRIVING	6	12	8			8	36		24
1423+13	DRIVING	6	12	8			8	36		24
1428+41	DRIVING	6	12	8			8	36		24
1433+69	DRIVING	6	12	8			8	36		24
1433+69	DRIVING	6	12	8			8	36		24
1433+69	DRIVING	6	12	8			8	36		24
1438+97	DRIVING	6	12	8			8	36		24
1438+97	DRIVING	6	12	8			8	36		24
1438+97	DRIVING	6	12	8			8	36		24
1438+97	DRIVING	6	12	8			8	36		24
1438+97	PASSING	6	12	8			8	36		24
1444+25	DRIVING	6	12	8			8	36		24
1444+25	DRIVING	10	12	13			13	44		24
1444+25	PASSING	10	12	13			13	44		24
1444+25	DRIVING	6	12	8			8	36		24
1444+25	PASSING	6	12	8			8	36		24
1449+53	DRIVING	6	12	8			8	36		24
1449+53	DRIVING	6	12	8			8	36		24
1449+53	DRIVING	6	12	8			8	36		24
1449+53	PASSING	6	12	8			8	36		24
1449+53	PASSING	6	12	8			8	36		24
1449+53	PASSING	6	12	8			8	36		24
1454+81	DRIVING	6	12	8			8	36		24
1454+81	DRIVING	6	12	8			8	36		24
1454+81	DRIVING	6	12	8			8	36		24
1460+09	DRIVING	6	12	8			8	36		24
1460+09	DRIVING	6	12	8			8	36		24

CONTINUED NEXT COLUMN

PATCHING SCHEDULE

LOCATION	LANE	PATCH LENGTH	PATCH WIDTH	CL A TY II, 13"	CL A TY III, 13"	CL A TY IV, 13"	PATCH REINFOR-CEMENT	SAW CUTS	DRILL-GROUT #6 T-BAR	DRILL-GROUT #8 T-BAR
I-57 SOUTHBOUND		FEET	FEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH
1460+09	DRIVING	6	12	8			8	36		24
1460+09	DRIVING	6	12	8			8	36		24
1465+37	DRIVING	6	12	8			8	36		24
1465+37	DRIVING	6	12	8			8	36		24
1465+37	PASSING	6	12	8			8	36		24
1465+37	DRIVING	6	12	8			8	36		24
1465+37	DRIVING	6	12	8			8	36		24
1470+65	PASSING	6	12	8			8	36		24
1470+65	DRIVING	6	12	8			8	36		24
1470+65	DRIVING	6	12	8			8	36		24
1470+65	DRIVING	6	12	8			8	36		24
1475+93	DRIVING	6	12	8			8	36		24
1475+93	DRIVING	6	12	8			8	36		24
1486+49	DRIVING	6	12	8			8	36		24
1507+61	DRIVING	6	12	8			8	36		24
1512+89	DRIVING	6	12	8			8	36		24
1512+89	DRIVING	6	12	8			8	36		24
1512+89	DRIVING	6	12	8			8	36		24
1518+17	DRIVING	6	12	8			8	36		24
1534+01	DRIVING	6	12	8			8	36		24
1534+01	PASSING	6	12	8			8	36		24
1565+69	PASSING	12	12		16		16	48		24
1565+69	PASSING	20	12			27	27	64		24
1565+69	DRIVING	40	12			53	53	104	14	24
SOUTHBOUND TOTAL		**592**	**984**	**661**	**48**	**80**	**789**	**3,152**	**14**	**1,968**

NOTE: PATCHING WAS PERFORMED USING MILEAGE, STATIONS ARE APPROXIMATE.
FINAL LOCATIONS FOR PATCHING ARE TO BE DETERMINED BY ENGINEER.

REST AREA PATCHING SCHEDULE

PATCH NUMBER*	CL B TY II, 8"	CL B TY III, 8"	CL B TY IV, 8"	SAW CUTS	WELDED WIRE REINF	DRILL-GROUT #8 T-BAR
	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	EACH
I-57 SOUTHBOUND						
1			58	91	58	61
2		17		49	17	33
3	13			43		29
4		21		55	21	37
5	11			40		27
6	7			32		21
7			34	70	34	47
I-57 SB SUBTOTAL	**31**	**38**	**92**	**380**	**130**	**255**
I-57 NORTHBOUND						
8			76	105	76	70
9			44	80	44	53
10			67	98	67	65
I-57 NB SUBTOTAL	**0**	**0**	**187**	**283**	**187**	**188**
TOTAL (REST AREA)	**31**	**38**	**279**	**663**	**317**	**443**

*SEE REST AREA DETAILS FOR LOCATION OF PATCH NUMBERS

I-57 REST AREA JOINT REPAIR SCHEDULE

LOCATION		LENGTH	LONG PAR DEP REM 2.0	HMA SC IL-9.5 D N70	BIT MATLS TACK COAT	MIX CR JTS FLANGEWYS
		FOOT	FOOT	TON	POUND	TON
SB REST AREA						
LONGITUDINAL JOINT REPAIR 2'						
PV PARKING AREA (HMA)/PV LANE		478	478	11.9	5.3	0.032
PV LANE/TRUCK PARKING		703	703	17.5	7.8	0.047
TRUCK PARKING JT WEST OF TRUCK LANE		544	544	13.5	6.0	0.036
TRUCKING PARKING/TRUCK DRIVING LANE		590	590	14.7	6.6	0.039
TRANSVERSE JOINT REPAIR						
# OF REPAIRS	PV PARKING AREA					
9	AT 2' WIDE	16	144	3.6	1.6	0.010
43	AT 1' WIDE	16	688	8.6	3.8	0.023
	PV DRIVING LANE					
8	AT 2' WIDE	16	128	3.2	1.4	0.009
15	AT 1' WIDE	16	240	3.0	1.3	0.008
	TRUCK DRIVING LANE					
5	AT 2' WIDE	16	80	2.0	0.9	0.005
13	AT 1' WIDE	16	208	2.6	1.2	0.007
	SB SUBTOTALS	**2411**	**3803**	**81**	**36**	**0.2**
NB REST AREA						
LONGITUDINAL JOINT REPAIR 2'						
PV PARKING AREA AND PV LANE		479	479	11.9	5.3	0.032
PV PARKING AREA (PPC)		466	466	11.6	5.2	0.031
TRUCK PARKING JT WEST OF TRUCK LANE		544	544	13.5	6.0	0.036
TRUCKING PARKING/TRUCK DRIVING LANE		697	697	17.3	7.7	0.046
TRANSVERSE JOINT REPAIR						
# OF REPAIRS	PV PARKING AREA					
1	AT 2' WIDE	11	11	0.3	0.1	0.001
9	AT 1' WIDE	11	99	1.2	0.6	0.003
	PV DRIVING LANE					
2	AT 2' WIDE	16	32	0.8	0.4	0.002
9	AT 1' WIDE	16	144	1.8	0.8	0.005
	TRUCK DRIVING LANE					
5	AT 2' WIDE	16	80	2.0	0.9	0.005
5	AT 1' WIDE	16	80	1.0	0.4	0.003
	NB SUBTOTALS	**2272**	**2632**	**61**	**27**	**0.2**
	TOTAL	**4683**	**6435**	**142**	**63**	**0.4**

MODEL: SCH-05
FILE NAME: pw:\\hansoninc-pw.bentley.com:hanson-pw-01\Documents\23jobs\23H0038_09\CADs\CADsheets\D36H59-sht-schedule.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	SCHEDULE OF QUANTITIES
	DRAWN - JAM	REVISED -		
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -		
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	22
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

GRADING AND SHAPING DITCHES (SPECIAL)

FROM		TO		FLOW DIRECTION (N,S,E,W)	TOTALS	VOLUME
STA	OFFSET	STA	OFFSET		(FOOT)	CUBIC YARDS
1270+75.00	RT	1272+00.00	RT	S	125	28
1278+00.00	LT	1281+67.00	LT	N	367	83
1280+00.00	RT	1281+57.00	RT	N	157	36
1282+90.00	RT	1285+00.00	RT	N	210	48
1326+51.00	RT	1327+52.00	RT	S	101	23
1334+74.00	RT	1335+74.00	RT	S	100	23
1340+50.00	RT	1341+54.00	RT	N	104	24
1341+00.00	LT	1341+75.00	LT	S	75	17
1353+44.00	MEDIAN	1354+43.00	MEDIAN	S	99	23
1353+48.00	RT	1354+45.00	RT	S	97	22
1356+62.00	LT	1357+00.00	LT	S	38	9
1356+64.00	RT	1357+00.00	RT	S	36	8
1363+00.00	MEDIAN	1367+00.00	MEDIAN	N-S	400	91
1363+00.00	LT	1367+00.00	LT	N	400	91
1375+00.00	LT	1378+00.00	LT	N	300	68
1379+00.00	RT	1380+84.00	RT	N-S	184	42
1384+00.00	LT	1387+00.00	LT	N	300	68
1389+00.00	LT	1392+50.00	LT	S	350	80
1410+00.00	RT	1414+00.00	RT	N	400	91
1413+00.00	MEDIAN	1413+65.00	MEDIAN	N	65	15
1427+00.00	LT	1431+74.00	LT	N	474	108
1428+00.00	RT	1429+00.00	RT	N	100	23
1429+00.00	MEDIAN	1430+00.00	MEDIAN	S	100	23
1440+00.00	LT	1441+25.00	LT	N	125	28
1440+02.00	RT	1442+22.00	RT	N	220	50
1442+40.00	LT	1443+00.00	LT	S	60	14
1443+43.00	RT	1443+60.00	RT	S	17	4
1456+00.00	RT	1457+00.00	RT	N	100	23
1470+50.00	LT	1472+00.00	LT	N	150	34
1471+00.00	MEDIAN	1472+00.00	MEDIAN	N	100	23
1470+50.00	RT	1471+50.00	RT	NS	100	23
1490+00.00	LT	1490+00.00	MEDIAN	N	10	2
1490+00.00	MEDIAN	1492+00.00	MEDIAN	N	200	45
1490+00.00	RT	1492+00.00	RT	N	200	45
1504+00.00	LT	1504+50.00	LT	E	50	11
1504+00.00	MEDIAN	1508+00.00	MEDIAN	E	400	91
1521+00.00	MEDIAN	1522+00.00	MEDIAN	S	100	23
1521+74.00	LT	1526+00.00	LT	NS	426	97
1528+50.00	MEDIAN	1529+50.00	MEDIAN	S	100	23
1528+50.00	RT	1529+50.00	RT	S	100	23
1539+48.00	LT	1540+09.00	LT	N	61	14
1539+00.00	MEDIAN	1541+00.00	MEDIAN	NS	200	45
1540+00.00	LT	1540+82.00	LT	S	82	19
1545+00.00	LT	1550+00.00	LT	N	500	114
1552+00.00	MEDIAN	1557+00.00	MEDIAN	S	500	114
1564+65.00	RT	1565+00.00	LT	N	35	8
1564+00.00	MEDIAN	1565+00.00	MEDIAN	S	100	23
1567+70.00	RT	1575+00.00	RT	N	730	166
1570+00.00	LT	1574+69.00	LT	NS	469	107
1572+49.00	MEDIAN	1572+49.00	MEDIAN	S	36	8
1572+49.00	MEDIAN	152+49.00	MEDIAN	N	36	8
108+00.00	MEDIAN	110+00.00	MEDIAN	N	200	45
111+00.00	LT	111+00.00	LT	S	36	8
111+00.00	RT	111+00.00	RT	N	36	8
116+03.00	MEDIAN	117+00.00	MEDIAN	N	97	22
127+45.00	RT	129+00.00	RT	NS	155	35
135+16.00	RT	138+32.00	RT	NS	316	72
148+00.00	MEDIAN	148+80.00	MEDIAN	N	80	18
151+59.00	RT	152+58.00	RT	NS	99	23
157+00.00	MEDIAN	157+06.00	MEDIAN	NS	6	1
157+00.00	LT	157+06.00	LT	E	6	1
166+09.00	LT	166+36.00	LT	E	27	6
167+36.00	RT	168+64.00	RT	E	128	29
179+70.00	RT	181+75.00	RT	NS	205	47
196+58.00	LT	196+75.00	LT	W	17	4
198+22.00	RT	198+40.00	RT	W	18	4
				TOTAL	**11215**	**2542**
					FEET	**CUBIC YARDS**

UNDERDRAIN CONNECTION TABLE

			PIPE UNDERDRAINS 4" (SPECIAL)		CONCRETE HEADWALLS FOR PIPE DRAINS
STATION	LOCATION	FLOW SOURCE (N,S)	LENGTH (FEET)	VOLUME (CY)	EACH
1341+00.00	NB OUTSIDE	NORTH	25	2.0	1
1413+00.00	SB OUTSIDE	SOUTH	25	2.0	1
1443+00.00	NB OUTSIDE	NORTH	25	2.0	1
1443+00.00	NB MEDIAN	NORTH	25	2.0	1
1457+00.00	SB MEDIAN	SOUTH	25	2.0	1
1490+00.00	SB OUTSIDE	SOUTH	25	2.0	1
1490+00.00	NB OUTSIDE	SOUTH	25	2.0	1
1504+00.00	NB OUTSIDE	NORTH	25	2.0	1
116+00.00	NB MEDIAN	NORTH	25	2.0	1
127+90.00	SB OUTSIDE	SOUTH	25	2.0	1
135+78.00	SB OUTSIDE	NORTH	25	2.0	1
135+78.00	SB MEDIAN	SOUTH	25	2.0	1
135+78.00	NB OUTSIDE	NORTH	25	2.0	1
148+00.00	NB OUTSIDE	NORTH	25	2.0	1
152+00.00	SB OUTSIDE	SOUTH	25	2.0	1
152+00.00	SB MEDIAN	SOUTH	25	2.0	1
197+50.00	NB MEDIAN	SOUTH	25	2.0	1
		TOTAL	**425**	**34**	**17**

FOR UNDERDRAIN EXCAVATION, ASSUME 8-INCH TRENCH WIDTH, 2-FEET DEEP

SHOULDER REMOVAL AND REPLACEMENT

ALIGN	STA	DIRECTION	SHOULDER	(FOOT)
I-57	1341+00	NB	OUTSIDE	10
I-57	1413+00	SB	OUTSIDE	10
I-57	1443+00	NB	OUTSIDE	10
I-57	1443+00	NB	MEDIAN	6
I-57	1457+00	SB	MEDIAN	6
I-57	1490+00	SB	OUTSIDE	10
I-57	1490+00	NB	OUTSIDE	10
I-57	1504+00	NB	OUTSIDE	10
I-57	116+00	NB	MEDIAN	6
I-57	127+90	SB	OUTSIDE	10
I-57	135+78	SB	OUTSIDE	10
I-57	135+78	SB	MEDIAN	6
I-57	135+78	NB	OUTSIDE	10
I-57	148+00	NB	OUTSIDE	10
I-57	152+00	SB	OUTSIDE	10
I-57	152+00	SB	MEDIAN	6
I-57	197+50	NB	MEDIAN	6
			TOTAL	**146**

MODEL: SCH-06
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Professional Engineering Group
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184.004715
26.010.001

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/10/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	23
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

DRAINAGE REPAIR SCHEDULE

STA	OFFSET	LT/RT MEDIAN	SIZE/TYPE	WORK DESCRIPTION	PIPE CULVERTS TO BE CLEANED, 24" (FOOT)	BOX CULVERT TO BE CLEANED, (FOOT)	STONE DUMPED RIPRAP, CLASS A3 (TONS)	STONE RIPRAP, CLASS A4 (SQ YD)	FILTER FABRIC (SQ YD)	CONCRETE HEADWALL REMOVAL (EACH)	PIPE DRAINS, CORRUGATED STEEL, 24" (FOOT)	24" RCP (FOOT)	18" CL A TY 2 (FOOT)	PRECAST REINFORCED CONCRETE FLARED END SECTION 24" (EACH)	PIPE CULVERT REMOVAL (FOOT)
1299+00	0'	MEDIAN	SPCL INLET BOX	ADD FILTER FABRIC AND RIPRAP				4	4						
1327+00	10'	RT	CULVERT	ADD FILTER FABRIC AND RIPRAP				4	4						
1327+00	94'	RT	CULVERT	ADD FILTER FABRIC AND RIPRAP				4	4						
1335+24	94'	RT	18"RCP	ADD FILTER FABRIC AND RIPRAP				4	4						
1341+00	93'	LT/RT	24" RCP	ADD FILTER FABRIC AND RIPRAP				4	4						
1354+50	0'	MEDIAN		CLEAN STRUCTURE, ADD FILTER FABRIC AND RIPRAP	24			4	4						
1354+50	99'	RT	24"	CLEAN STRUCTURE, ADD FILTER FABRIC AND RIPRAP	24			4	4						
1356+64	116'	LT	NA	GRADE SWALE AND INSTALL FILTER FABRIC AND RIPRAP				30	30						
1356+66	97'	RT	NA	GRADE SWALE AND INSTALL FILTER FABRIC AND RIPRAP				30	30						
1366+00	0'	MEDIAN	SPCL INLET BOX	ADD FILTER FABRIC AND RIPRAP				4	4						
1378+00	0'	MEDIAN	INLET	ADD FILTER FABRIC AND RIPRAP				4	4						
1429+00	75'	RT	CULVERT	ADD FILTER FABRIC AND RIPRAP				4	4						
1443+40	94'	RT	CULVERT	ADD FILTER FABRIC AND RIPRAP				4	4						
1504+00	77'	LT	24" RCP	ADD FILTER FABRIC AND RIPRAP				68	68						
1521+85	100'	RT	SPCL INLET BOX	ADD FILTER FABRIC AND RIPRAP				4	4						
108+03.0	106'	RT	INLET TY. B TY8 GR.	REMOVE CONCRETE HEADWALL, EXTEND CULVERT 20 FEET INSTALL HEADWALL, REMOVE 66 FT CMP CULVERT, INSTALL 68 FT STORM SEWER CL A TY 2 18", CONNECT TO EX. BOX CULVERT						1		20		1	
116+00	92'	LT	24" RCP	FILTER FABRIC AND RIPRAP FROM END SECTION TO PAVED DITCHES				70	70						
135+78	101'	LT	36" RCP	FILTER FABRIC AND RIPRAP				68	68						
135+50	0'	MEDIAN	SPCL INLET BOX	ADD FILTER FABRIC AND RIPRAP				4	4						
152+00	78	LT	24" RCP	REMOVE CMP REPLACE WITH RCP								44			44
166+20	87'	LT	4'X5' WINGWALL	REPAIR OFFSET JOINTS ON WINGWALL											
181+18	0'	MEDIAN	24" CMP	RUSTED 24" CMP (NORTH) IN MEDIAN REPLACE WITH 24" CMP							20				20
185+00	24'	RT	CULVERT	FILTER FABRIC AND RIPRAP				68	68						
S.N. 038-2008				ADD FILTER FABRIC AND RIPRAP, REMOVE CONCRETE HEADWALL		470	20		30	2			68		136
S.N. 038-2016				ADD FILTER FABRIC AND RIPRAP				43	43						
				TOTAL	**48**	**470**	**20**	**429**	**459**	**3**	**20**	**64**	**68**	**1**	**200**

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LICENSE NO.
184.007478

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	SCHEDULE OF QUANTITIES
	DRAWN - JAM	REVISED -		
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -		
PLOT DATE = 3/10/2025	DATE - 02/26/25	REVISED -		

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	24
		CONTRACT NO. 66H59		
	ILLINOIS | FED. AID PROJECT			

MODEL: SCH-07
FILE NAME: pw://hansonlic-pw.bentley.com:hanson-pw-01\Documents\239bbs\23\n0038_09\CAD\CADsheets\03H66H59-sht-schedule.dgn

PERMANENT SURVEY MARKER SCHEDULE

MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
TBD	W QTR CORNER SECTION 10, T24N, R10E, 3RD PM	INTERSECTION OF N BOUND REST AREA OUTLET WITH I57 N BOUND LANES	BURIED CHISELED CROSS	MAG SPIKE	YES	2

ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF ADDENDUMS HAVE BEEN ADDED TO THIS JOB.

R.E. WILL INFORM PLATS AND PLANS WHEN SURFACE IS TO BE MILLED FOR THE PURPOSE OF SEARCHING FOR BURIED SURVEY MONUMENTS.

PLATS AND PLANS WILL SEARCH FOR THE BURIED CHISELED CROSS WHEN ROAD IS MILLED, AND IF FOUND A MAG SPIKE WILL BE SET AND MONUMENT RECORD FILED.

NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED.
PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORDS.

RESPONSIBILITY:

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

MODEL: SCH-08
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADsheets/0366H59-sht-schedule.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	25
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS					
ALIGN	FROM		TO		TOTALS
	STA	OFFSET	STA	OFFSET	(FOOT)
I-57	1270+06	66' RT	1272+93	66' RT	287.5
I-57	1272+00	66' LT	1274+88	66' LT	287.5
I-57	1354+54	66' RT	1356+41	66' RT	187.5
I-57	1354+06	26' RT	1356+56	26' RT	250.0
I-57	1358+61	66' LT	1360+61	66' LT	200.0
I-57	1358+61	26' LT	1360+86	26' LT	225.0
I-57	1439+92	66' RT	1442+18	66' RT	225.0
I-57	1442+48	66' LT	1444+47	66' LT	200.0
I-57	106+19	66' RT	112+57	66' RT	637.5
I-57	108+76	66' LT	113+88	66' LT	512.5
I-57	165+56	66' RT	168+06	66' RT	250.0
I-57	166+30	66' LT	168+80	66' LT	250.0
400N	27+14	14' RT	28+26	14' RT	112.5
400N	27+76	14' RT	28+38	14' RT	62.5
400N	31+62	14' RT	32+24	14' RT	62.5
400N	31+74	14' RT	32+37	14' RT	62.5
SB REST AREA	2+97	10' RT	3+47	10' RT	50.0
				TOTAL	3,862.5

TRAFFIC BARRIER TERMINAL, TYPE 2					
ALIGN	FROM		TO		TOTALS
	STA	OFFSET	STA	OFFSET	(EACH)
I-57	1272+93	66' RT	1273+06	66' RT	1
I-57	1271+88	66' LT	1272+00	66' LT	1
I-57	112+57	66' RT	112+69	66' RT	1
I-57	108+63	66' LT	108+76	66' LT	1
I-57	168+06	66' RT	168+18	66' RT	1
I-57	166+17	66' LT	166+30	66' LT	1
SB Rest Area	3+47	10' RT	3+59	10' RT	1
				TOTAL	7

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT					
ALIGN	FROM		TO		TOTALS
	STA	OFFSET	STA	OFFSET	(EACH)
I-57	1269+56	67' RT	1270+06	66' RT	1
I-57	1274+88	66' LT	1275+38	67' LT	1
I-57	1354+04	67' RT	1354+54	66' RT	1
I-57	1353+56	25' RT	1354+06	26' RT	1
I-57	1360+61	66' LT	1361+11	67' RT	1
I-57	1360+86	26' LT	1361+36	25' RT	1
I-57	1439+42	67' RT	1439+92	66' RT	1
I-57	1444+47	66' LT	1444+96	67' LT	1
I-57	1583+53	67' RT	106+19	66' RT	1
I-57	113+88	66' LT	114+38	67' LT	1
I-57	165+04	67' RT	165+56	66' RT	1
I-57	168+80	66' LT	169+30	67' LT	1
400N	26+63	15' RT	27+13	14' RT	1
400N	27+26	15' LT	27+76	14' LT	1
400N	32+24	14' RT	32+74	15' RT	1
400N	32+37	14' LT	32+87	15' LT	1
SB REST AREA	2+47	11' RT	2+97	10' RT	1
				TOTAL	17

TRAFFIC BARRIER TERMINAL, TYPE 6								
ALIGN	FROM		TO					TOTALS
	STA	OFFSET	STA	OFFSET				(EACH)
I-57	1356+41	66' RT	1356+78	66' RT				1
I-57	1356+56	26' RT	1356+93	26' RT				1
I-57	1358+24	66' LT	1358+61	66' LT				1
I-57	1358+24	26' LT	1358+61	26' LT				1
I-57	1442+18	66' RT	1442+55	66' RT				1
I-57	1442+11	66' LT	1442+48	66' LT				1
400N	28+26	14' RT	28+63	14' RT	Do not place approach curb with this installation			1
400N	28+38	14' RT	28+75	14' RT	Do not place approach curb with this installation			1
400N	31+25	14' RT	31+62	14' RT	Do not place approach curb with this installation			1
400N	31+38	14' RT	31+74	14' RT	Do not place approach curb with this installation			1
						TOTAL		10

GUARDRAIL REMOVAL					
ALIGN	FROM		TO		TOTALS
	STA	OFFSET	STA	OFFSET	(FOOT)
I-57	1269+82	69' RT	1273+02	69' RT	320
I-57	1271+79	68' LT	1275+06	68' LT	327
I-57	1354+13	71' RT	1356+78	67' RT	266
I-57	1353+63	22' RT	1356+78	25' RT	316
I-57	1358+24	25' LT	1361+41	21' LT	316
I-57	1358+22	66' LT	1360+90	71' LT	269
I-57	1439+73	68' RT	1442+55	66' RT	280
I-57	1442+11	66' RT	1444+90	67' RT	280
I-57	106+71	67' RT	115+25	67' RT	853
I-57	106+70	67' LT	115+21	67' LT	852
I-57	165+93	69' RT	168+33	69' RT	240
I-57	166+17	69' LT	168+56	69' LT	240
400N	26+60	16' RT	28+62	15' RT	201
400N	26+62	15' LT	28+75	14' LT	214
400N	31+25	14' RT	32+39	15' RT	114
400N	31+38	15' LT	32+39	16' LT	101
SB REST AREA	2+45	12' RT	3+98	12' RT	153
				TOTAL	5,189

HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL					
ALIGN	FROM		TO		TOTALS
	STA	OFFSET	STA	OFFSET	(SQ YD)
I-57	1269+38	66' RT	1273+17	66' LT	128
I-57	1271+77	66' LT	1275+56	66' LT	128
I-57	1353+38	26' RT	1356+93	26' RT	121
I-57	1353+86	66' RT	1356+78	66' RT	100
I-57	1358+24	26' LT	1361+54	26' LT	113
I-57	1358+24	66' LT	1361+29	66' LT	105
I-57	1439+24	66' RT	1442+55	66' RT	113
I-57	1442+11	66' LT	1445+14	66' LT	105
I-57	1583+35	66' RT	112+80	66' RT	245
I-57	108+52	66' LT	114+56	66' LT	203
I-57	164+86	66' RT	168+29	66' RT	116
I-57	166+06	66' LT	169+48	66' LT	116
SB REST AREA	2+29	10' RT	3+72	10' RT	60
				TOTAL	1,653

LINEAR DELINEATOR PANELS, 4 INCH					
ALIGN	FROM		TO		TOTALS
	STA	OFFSET	STA	OFFSET	(EACH)
I-57	1269+56	67' RT	1273+06	66' RT	4
I-57	1271+88	66' LT	1275+38	67' LT	4
I-57	1354+04	67' RT	1356+78	66' RT	3
I-57	1353+56	25' RT	1356+93	26' RT	4
I-57	1358+24	66' LT	1361+11	67' RT	3
I-57	1358+24	26' LT	1361+36	25' RT	3
I-57	1439+42	67' RT	1442+55	66' RT	3
I-57	1442+11	66' LT	1444+96	67' LT	3
I-57	1583+53	67' RT	112+69	66' RT	6
I-57	108+63	66' LT	114+38	67' LT	6
I-57	165+04	67' RT	168+18	66' RT	4
I-57	166+17	66' LT	169+30	67' LT	4
400N	26+63	15' RT	28+63	14' RT	2
400N	27+26	15' LT	28+75	14' RT	2
400N	31+25	14' RT	32+74	15' RT	2
400N	31+38	14' RT	32+87	15' LT	2
SB REST AREA	2+47	11' RT	3+59	10' RT	2
				TOTAL	55

GUARDRAIL REFLECTORS, TYPE A					
ALIGN	FROM		TO		TOTALS
	STA	OFFSET	STA	OFFSET	(EACH)
I-57	1269+56	67' RT	1273+06	66' RT	5
I-57	1271+88	66' LT	1275+38	67' LT	5
I-57	1354+04	67' RT	1356+78	66' RT	4
I-57	1353+56	25' RT	1356+93	26' RT	5
I-57	1358+24	66' LT	1361+11	67' RT	4
I-57	1358+24	26' LT	1361+36	25' RT	4
I-57	1439+42	67' RT	1442+55	66' RT	4
I-57	1442+11	66' LT	1444+96	67' LT	4
I-57	1583+53	67' RT	112+69	66' RT	6
I-57	108+63	66' LT	114+38	67' LT	6
I-57	165+04	67' RT	168+18	66' RT	4
I-57	166+17	66' LT	169+30	67' LT	4
400N	26+63	15' RT	28+63	14' RT	4
400N	27+26	15' LT	28+75	14' RT	4
400N	31+25	14' RT	32+74	15' RT	4
400N	31+38	14' RT	32+87	15' LT	4
SB REST AREA	2+47	11' RT	3+59	10' RT	4
				TOTAL	71

TERMINAL MARKER - DIRECT APPLIED			
ALIGN			TOTALS
	STA	OFFSET	(EACH)
I-57	1269+56	67' RT	1
I-57	1274+88	66' LT	1
I-57	1354+04	67' RT	1
I-57	1353+56	25' RT	1
I-57	1360+61	66' LT	1
I-57	1360+86	26' LT	1
I-57	1439+42	67' RT	1
I-57	1444+47	66' LT	1
I-57	1583+53	67' RT	1
I-57	113+88	66' LT	1
I-57	165+04	67' RT	1
I-57	168+80	66' LT	1
400N	26+63	15' RT	1
400N	27+26	15' LT	1
400N	32+24	14' RT	1
400N	32+37	14' LT	1
SB REST AREA	2+47	11' RT	1
		TOTAL	17

EARTHWORK SCHEDULE						
DESCRIPTION	ALIGNMENT	LOCATION		EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
		START STA.	END STA.				
BERM GRADING ADJACENT TO SN 038-2008	I-57	108+80	108+80	0	0	15	-15
DITCH GRADING ADJACENT TO SN 038-2008	I-57	108+80	108+80	10	7.5	0	7.5
NB CROSSOVER SHOULDER WIDENING	I-57	1505+21	1514+71	0	0	245	-245
SB CROSSOVER SHOULDER WIDENING	I-57	1505+21	1514+71	0	0	165	-165
REGRADING FOR GUARDRAIL INSTALLATION	I-57	1269+38	1273+17	0	0	4	-4
REGRADING FOR GUARDRAIL INSTALLATION	I-57	1271+77	1275+56	0	0	2	-2
REGRADING FOR GUARDRAIL INSTALLATION	I-57	1439+24	1442+55	0	0	5	-5
REGRADING FOR GUARDRAIL INSTALLATION	I-57	1442+11	1445+14	0	0	1	-1
REGRADING FOR GUARDRAIL INSTALLATION	I-57	1583+35	112+80	0	0	38	-38
REGRADING FOR GUARDRAIL INSTALLATION	I-57	108+52	114+56	0	0	4	-4
REGRADING FOR GUARDRAIL INSTALLATION	I-57	164+86	168+29	0	0	13	-13
REGRADING FOR GUARDRAIL INSTALLATION	I-57	166+06	169+48	0	0	3	-3
REGRADING FOR GUARDRAIL INSTALLATION	SB REST AREA	2+29	3+72	0	0	2	-2
REGRADING FOR BRIDGE CONE	I-57	1281+57	1281+80	0	0	24	-24
REGRADING FOR BRIDGE CONE	I-57	1282+57	1282+83	0	0	15	-15
REGRADING FOR BRIDGE CONE	I-57	1565+57	1565+93	0	0	20	-20
REGRADING FOR BRIDGE CONE	I-57	1566+49	1566+86	0	0	35	-35
DRAINAGE WORK		STA.	LT/RT				
DRAINAGE EXCAVATION	I-57	1299+00	MEDIAN	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	1335+24	RT	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	1341+00	LT/RT	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	1354+50	MEDIAN	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	1354+50	RT	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	1356+64	LT	15	11.25	0	11.25
DRAINAGE EXCAVATION	I-57	1356+66	RT	15	11.25	0	11.25
DRAINAGE EXCAVATION	I-57	1366+00	MEDIAN	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	1443+40	RT	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	1504+00	LT	32	24	0	24
DRAINAGE EXCAVATION	I-57	1521+85	RT	2	1.5	0	1.5
DRAINAGE EXCAVATION	I-57	116+00	LT	35	26.25	0	26.25
DRAINAGE EXCAVATION	I-57	135+78	LT	12	9	0	9
DRAINAGE EXCAVATION	I-57	135+78	MEDIAN	2	1.5	0	1.5
			TOTAL (ROUNDED)	140	105	595	-490

RAISED REFLECTIVE PAVEMENT MARKER

ALIGN	STATION FROM	STATION TO	DESCRIPTION	LENGTH	SPACING	TOTAL (EACH)
I-57	1269+00.00	1281+00.00	NB I-57 CL, ONE WAY MARKER	1200.00	2/80' OC	30
I-57			SB I-57 CL, ONE WAY MARKER	1200.00	2/80' OC	30
I-57	1281+00.00	1296+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1296+00.00	1311+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1311+00.00	1326+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1326+00.00	1341+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1341+00.00	1356+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1356+00.00	1356+63.42	NB I-57 CL, ONE WAY MARKER	63.42	2/80' OC	2
I-57			SB I-57 CL, ONE WAY MARKER	63.42	2/80' OC	2
I-57	1356+63.42	1358+39.01	BRIDGE OMISSION			
I-57	1358+39.01	1371+00.00	NB I-57 CL, ONE WAY MARKER	1260.99	2/80' OC	32
I-57			SB I-57 CL, ONE WAY MARKER	1260.99	2/80' OC	32
I-57	1371+00.00	1386+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1373+78.00	1378+62.00	GORE PVMT I-57, ONE WAY MARKER	484.00	1/40' OC	12
I-57	0+00.00	7+42.50	GORE PVMT RAMP, CRYSTAL/RED	742.50	1/20' OC	37
I-57	2+83.64	7+42.50	GORE PVMT RAMP, CRYSTAL/RED	460.00	1/40' OC	12
I-57	1386+00.00	1401+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1395+48.30	1400+22.25	GORE PVMT I-57, ONE WAY MARKER	473.946	1/40' OC	12
I-57	23+97.01	25+97.57	GORE PVMT RAMP, CRYSTAL/RED	200.568	1/40' OC	5
I-57	25+97.57	37+88.90	GORE PVMT RAMP, CRYSTAL/RED	1191.327	1/20' OC	60
I-57	23+97.01	26+00.00	GORE PVMT RAMP, AMBER/RED	202.995	1/40' OC	5
I-57	26+00.00	29+89.56	GORE PVMT RAMP, CRYSTAL/RED	389.557	1/40' OC	10
I-57	1401+00.00	1416+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1413+36.34	1416+64.50	GORE PVMT I-57, ONE WAY MARKER	328.16	1/40' OC	8
I-57	0+00.00	9+54.21	GORE PVMT RAMP, CRYSTAL/RED	954.21	1/20' OC	48
I-57	9+54.21	11+54.84	GORE PVMT RAMP, CRYSTAL/RED	200.64	1/40' OC	5
I-57	7+49.78	9+54.21	GORE PVMT RAMP, CRYSTAL/RED	204.427	1/40' OC	6
I-57	9+54.21	11+54.84	GORE PVMT RAMP, AMBER/RED	200.635	1/40' OC	5
I-57	1416+00.00	1431+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1431+00.00	1446+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1434+67.00	1438+60.30	GORE PVMT I-57, ONE WAY MARKER	393.30	1/40' OC	10
I-57	28+07.05	29+94.51	GORE PVMT RAMP, CRYSTAL/RED	187.46	1/40' OC	5
I-57	29+94.51	36+73.71	GORE PVMT RAMP, CRYSTAL/RED	679.20	1/20' OC	34
I-57	28+07.05	29+94.51	GORE PVMT RAMP, AMBER/RED	187.46	1/40' OC	5
I-57	29+94.51	36+73.71	GORE PVMT RAMP, CRYSTAL/RED	679.20	1/40' OC	17
I-57	1446+00.00	1461+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1461+00.00	1476+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1476+00.00	1491+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1491+00.00	1506+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1506+00.00	1521+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1521+00.00	1536+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1536+00.00	1551+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1551+00.00	1566+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			SB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1566+00.00	1581+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	1581+00.00	1584+00.00	SB I-57 CL, ONE WAY MARKER	300.00	2/80' OC	8
I-57	106+00.00	118+00.00	NB I-57 CL, ONE WAY MARKER	1200.00	2/80' OC	30
I-57	1581+00.00	1584+00.00	SB I-57 CL, ONE WAY MARKER	300.00	2/80' OC	8
I-57	106+00.00	118+00.00	SB I-57 CL, ONE WAY MARKER	1200.00	2/80' OC	30
I-57	118+00.00	133+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	133+00.00	148+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	148+00.00	163+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	163+00.00	178+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	178+00.00	193+00.00	NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57			NB I-57 CL, ONE WAY MARKER	1500.00	2/80' OC	38
I-57	193+00.00	201+40.00	NB I-57 CL, ONE WAY MARKER	840.00	2/80' OC	21
I-57			NB I-57 CL, ONE WAY MARKER	840.00	2/80' OC	21

CONTINUED NEXT COLUMN

RAISED REFLECTIVE PAVEMENT MARKER

ALIGN	STATION FROM	STATION TO	DESCRIPTION	LENGTH	SPACING	TOTAL (EACH)
SOUTHBOUND REST AREA						
	7+42.50	10+62.50	GORE PVMT RAMP, AMBER/RED	320.00	4/80' OC	4
	7+42.50	10+62.50	GORE PVMT RAMP, CRYSTAL/RED	320.00	4/80' OC	4
	10+62.50	11+82.50	GORE PVMT RAMP, AMBER/RED	120.00	3/40' OC	3
	10+62.50	11+82.50	GORE PVMT RAMP, CRYSTAL/RED	120.00	3/40' OC	3
	20+37.01	21+57.01	GORE PVMT RAMP, AMBER/RED	120.00	3/40' OC	3
	20+37.01	21+57.01	GORE PVMT RAMP, CRYSTAL/RED	120.00	3/40' OC	3
	21+57.01	23+97.01	GORE PVMT RAMP, AMBER/RED	240.00	3/80' OC	3
	21+57.01	23+97.01	GORE PVMT RAMP, CRYSTAL/RED	240.00	3/80' OC	3
NORTHBOUND REST AREA						
	11+54.84	13+94.84	GORE PVMT RAMP, AMBER/RED	240.00	3/80' OC	3
	11+54.84	13+94.84	GORE PVMT RAMP, CRYSTAL/RED	240.00	3/80' OC	3
	13+94.84	15+14.84	GORE PVMT RAMP, AMBER/RED	120.00	4/40' OC	4
	13+94.84	15+14.84	GORE PVMT RAMP, CRYSTAL/RED	120.00	4/40' OC	4
	24+47.05	25+67.05	GORE PVMT RAMP, AMBER/RED	120.00	3/40' OC	4
	24+47.05	25+67.05	GORE PVMT RAMP, CRYSTAL/RED	120.00	3/40' OC	4
	25+67.05	28+07.05	GORE PVMT RAMP, AMBER/RED	240.00	3/80' OC	7
	25+67.05	28+07.05	GORE PVMT RAMP, CRYSTAL/RED	240.00	3/80' OC	7
				TOTAL		2,337

BARRIER WALL REFLECTORS, TYPE C

	STATION STA	STATION OFFSET	DESRIPTION	COLOR	TOTAL (EACH)
I-57 SB	1357+30.07	26.00' RT	SB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 SB	1357+30.07	67.00' RT	SB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
I-57 SB	1357+66.57	26.00' RT	SB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 SB	1357+66.57	67.00' RT	SB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
I-57 SB	1358+03.07	26.00' RT	SB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 SB	1358+03.07	67.00' RT	SB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
I-57 SB	1358+39.57	26.00' RT	SB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 SB	1358+39.57	67.00' RT	SB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
I-57 NB	1356+92.29	26.00' LT	NB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 NB	1356+92.29	67.00' LT	NB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
I-57 NB	1357+25.29	26.00' LT	NB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 NB	1357+25.29	67.00' LT	NB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
I-57 NB	1357+58.29	26.00' LT	NB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 NB	1357+58.29	67.00' LT	NB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
I-57 NB	1357+91.29	26.00' LT	NB INSIDE EXISTING BARRIER WALL	AMBER	1
I-57 NB	1357+91.29	67.00' LT	NB OUTSIDE EXISTING BARRIER WALL	CRYSTAL	1
				TOTAL	16

LINEAR DELINEATOR PANELS, 6 INCH

ALIGN	STATION STA	STATION OFFSET	DESCRIPTION	COLOR	TOTAL (EACH)
I-57 SB	1357+13.35	26.00' RT	SB INSIDE EXISTING BARRIER	YELLOW	1
I-57 SB	1357+13.35	67.00' RT	SB OUTSIDE EXISTING BARRIER	WHITE	1
I-57 SB	1358+19.06	26.00' RT	SB INSIDE EXISTING BARRIER	YELLOW	1
I-57 NB	1358+03.97	67.00' LT	NB OUTSIDE EXISTING BARRIER	WHITE	1
				TOTAL	4

DELINEATORS

DIRECTION	STATION FROM	STATION TO	DELINEATOR TYPE	# FACES	# OF REFLECTORS	SPACING (FT)	TOTAL (EACH)
ROADSIDE HAZARD DELINEATORS							
SB	1283+98.00		ORANGE TOP POST	SINGLE	1		1
SB	1327+99.00		ORANGE TOP POST	SINGLE	1		1
NB	1340+87.00		ORANGE TOP POST	SINGLE	1		1
NB	1378+02.00		ORANGE TOP POST	SINGLE	1		1
SB	1457+97.00		ORANGE TOP POST	SINGLE	1		1
NB	1471+97.00		ORANGE TOP POST	SINGLE	1		1
SB	1471+97.00		NO REFLECTORS	SINGLE	0		1
NB	1489+97.00		ORANGE TOP POST	SINGLE	1		1
SB	1489+97.00		NO REFLECTORS	SINGLE	0		1
NB	1504+03.00		ORANGE TOP POST	SINGLE	1		1
SB	1504+03.00		NO REFLECTORS	SINGLE	0		1
NB	1522+01.00		ORANGE TOP POST	SINGLE	1		1
NB	1564+47.00		ORANGE TOP POST	SINGLE	1		1
SB	1564+47.00		NO REFLECTORS	SINGLE	0		1
NB	127+66.00		ORANGE TOP POST	SINGLE	1		1
NB	135+65.00		ORANGE TOP POST	SINGLE	1		1
MEDIAN CROSSOVER DELINEATORS							
SB	1501+71.00		TRIPLE AMBER	SINGLE	3		1
SB	1509+71.00		DOUBLE AMBER	SINGLE	2		1
NB	1510+21.00		DOUBLE AMBER	SINGLE	2		1
NB	1518+21.00		TRIPLE AMBER	SINGLE	3		1
MAINLINE DELINEATORS							
BOTH	1275+50.00	1351+50.00	SINGLE AMBER	SINGLE	1	400	40
BOTH	1363+44.00	1371+44.00	SINGLE AMBER	SINGLE	1	400	6
BOTH	1383+36.00	1391+36.00	SINGLE AMBER	SINGLE	1	400	6
BOTH	1472+64.00	1496+64.00	SINGLE AMBER	SINGLE	1	400	14
NB	1500+71.00	1508+71.00	SINGLE AMBER	SINGLE	1	400	3
SB	1501+71.00		TRIPLE AMBER	SINGLE	3		1
SB	1505+71.00		TRIPLE AMBER	SINGLE	3		1
SB	1509+71.00		DOUBLE AMBER	SINGLE	2		1
NB	1510+21.00		DOUBLE AMBER	SINGLE	2		1
NB	1514+21.00		TRIPLE AMBER	SINGLE	3		1
NB	1518+21.00		TRIPLE AMBER	SINGLE	3		1
SB	1512+68.00	1516+68.00	SINGLE AMBER	SINGLE	1	400	2
BOTH	1560+68.00	1580+68.00	SINGLE AMBER	SINGLE	1	400	12
BOTH	139+08.00	163+08.00	SINGLE AMBER	SINGLE	1	400	14
BOTH	171+79.00	201+40.00	SINGLE AMBER	SINGLE	1	400	17
HORIZONTAL CURVE DELINEATORS							
BOTH	1408+36.00	1468+36.00	SINGLE AMBER	SINGLE	1	400	32
BOTH	1520+68.00	1556+68.00	SINGLE AMBER	SINGLE	1	400	20
BOTH	114+33.00	130+08.00	SINGLE AMBER	SINGLE	1	175	20
BOTH	132+08.00		SINGLE AMBER	SINGLE	1		2
BOTH	135+08.00		SINGLE AMBER	SINGLE	1		2
BOTH	138+08.00		SINGLE AMBER	SINGLE	1		2
WRONG-WAY DELINEATORS AT EXIT RAMPS TO REST AREAS (ADD RED MARKERS TO BACK OF EXISTING POSTS							
SB	9+75.00	11+75.00	SINGLE RED	SINGLE	1	EXISTING	37
NB	24+00.00	28+00.00	SINGLE RED	SINGLE	1	EXISTING	25
				TOTAL			280

MODEL: SCH-10
FILE NAME: pw:\\hansonlnc-pw.bentley.com:hanson-pw-01\Documents\23jobs\23H0038_09\CAD\CADD\sheets\D366H59-sht-schedule.dgn

HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.167 ' / in.	CHECKED - MTH	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	27
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

SHORT TERM PAVEMENT MARKING

	FROM		TO		TOTAL
	STA	OFFSET	STA	OFFSET	(FOOT)
I-57					
STAGE 1	201+40.00	L	1269+00.00	L	16,760
STAGE 1	201+40.00	R	1269+00.00	R	16,760
STAGE 2	201+40.00	L	1269+00.00	L	16,760
STAGE 2	201+40.00	R	1269+00.00	R	16,760
				TOTAL	67,040

SHORT TERM PAVEMENT MARKING REMOVAL

	FROM	TO	TOTAL
	STA	STA	(SQ FT)
I-57			
STAGE 1A	201+40.00	1269+00.00	5,587
STAGE 1A	201+40.00	1269+00.00	5,587
STAGE 1B	201+40.00	1269+00.00	5,587
STAGE 1B	201+40.00	1269+00.00	5,587
		TOTAL	22,348

TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT

STAGE	STATION		DISCRIPTION	STYLE	COLOR	TOTAL
	FROM	TO				(FOOT)
Pre-Stage	1269+00.00	1434+92.00	OUTSIDE EDGE LINE	SOLID	WHITE	16,592
Pre-Stage	106+00.00	201+40.00	OUTSIDE EDGE LINE	SOLID	WHITE	9,540
Pre-Stage	1269+00.00	1584+00.00	INSIDE EDGE LINE	SOLID	YELLOW	31,500
Pre-Stage	106+00.00	201+40.00	INSIDE EDGE LINE	SOLID	YELLOW	9,540
1A/1B	1269+00.00	1584+00.00	OUTSIDE EDGE LINE	SOLID	WHITE	31,500
1A/1B	106+00.00	201+40.00	OUTSIDE EDGE LINE	SOLID	WHITE	9,540
1A/1B	1269+00.00	1372+00.00	INSIDE EDGE LINE	SOLID	YELLOW	10,300
1A/1B	1372+00.00	1377+00.00	RAMP	SOLID	WHITE	800
1A/1B	1374+00.00	1399+00.00	INSIDE EDGE LINE	SOLID	YELLOW	2,500
1A/1B	1395+84.87	1401+00.00	RAMP	SOLID	WHITE	806
1A/1B	1401+00.00	1411+87.88	INSIDE EDGE LINE	SOLID	YELLOW	1,088
1A/1B	1411+87.88	1417+00.00	RAMP	SOLID	WHITE	804
1A/1B	1414+00.00	1438+00.00	INSIDE EDGE LINE	SOLID	YELLOW	2,400
1A/1B	1434+92.00	1440+00.00	RAMP	SOLID	WHITE	813
1A/1B	1440+00.00	1584+00.00	INSIDE EDGE LINE	SOLID	YELLOW	14,400
1A/1B	106+00.00	201+40.00	INSIDE EDGE LINE	SOLID	YELLOW	9,540
2	1269+00.00	1584+00.00	OUTSIDE EDGE LINE	SOLID	WHITE	31,500
2	106+00.00	201+40.00	OUTSIDE EDGE LINE	SOLID	WHITE	9,540
2	1269+00.00	1584+00.00	INSIDE EDGE LINE	SOLID	YELLOW	31,500
2	106+00.00	201+40.00	INSIDE EDGE LINE	SOLID	YELLOW	9,540
					TOTAL	233,744

PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS

	STATION		DESCRIPTION		TOTAL
	FROM	TO			(SQ FT)
SB REST STOP ENTRANCE RAMP			WRONG WAY ARROW		24.3
NB REST STOP ENTRANCE RAMP			WRONG AWAY ARROW		24.3
				TOTAL	49

PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"

ALIGN	STATION		DESCRIPTION	STYLE	COLOR	TOTAL
	FROM	TO				(FOOT)
I-57	1371+00.00	1373+78.00	EXIT SKIPS	DOTTED	WHITE	76
I-57	1373+78.00	1377+62.00	GORE PVMT I-57	SOLID	WHITE	384
I-57	2+83.64	7+42.50	GORE PVMT RAMP	SOLID	YELLOW	460
I-57	1395+48.30	1400+22.25	GORE PVMT I-57	SOLID	WHITE	474
I-57	23+97.01	29+89.56	GORE PVMT RAMP	SOLID	YELLOW	600
I-57	1413+36.34	1416+64.50	GORE PVMT I-57	SOLID	WHITE	328
I-57	7+49.78	11+54.84	GORE PVMT RAMP	SOLID	YELLOW	405
I-57	1434+67.00	1438+60.30	GORE PVMT I-57	SOLID	WHITE	393
I-57	28+07.05	33+71.65	GORE PVMT RAMP	SOLID	YELLOW	567
I-57	1438+60.30	1441+61.06	EXIT SKIPS	DOTTED	WHITE	75
				TOTAL		3,763

PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 9"

STATION		DESCRIPTION	STYLE	COLOR	TOTAL
FROM	TO				(FOOT)
1269+00.00	1281+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	300
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	300
1281+00.00	1296+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1296+00.00	1311+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1311+00.00	1326+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1326+00.00	1341+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1341+00.00	1356+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1356+00.00	1371+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1371+00.00	1386+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1386+00.00	1401+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1401+00.00	1416+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1416+00.00	1431+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1431+00.00	1446+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1446+00.00	1461+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1461+00.00	1476+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1476+00.00	1491+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1491+00.00	1506+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1506+00.00	1521+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1521+00.00	1536+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1536+00.00	1551+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1551+00.00	1566+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1566+00.00	1581+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
1581+00.00	1584+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	75
106+00.00	118+00.00	SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	300
1581+00.00	1584+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	75
106+00.00	118+00.00	SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	300
118+00.00	133+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
133+00.00	148+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
148+00.00	163+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
163+00.00	178+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
178+00.00	193+00.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	375
193+00.00	201+40.00	NB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	210
		SB I-57 CL	SKIP-DASH	BLACK/WHITE/BLACK	210
				TOTAL	20,520

PAVEMENT MARKING REMOVAL - WATER BLASTING

STAGE	STATION		DESCRIPTION	STYLE	COLOR	TOTAL
	FROM	TO				(SQ FT)
EXISTING PAVEMENT MARKING REMOVAL						
Stage 1	1269+00.00	1584+00.00	NB INSIDE EXISTING EDGE LINE	SOLID	YELLOW	10,500
Stage 1	106+00.00	201+40.00	NB INSIDE EXISTING EDGE LINE	SOLID	YELLOW	3,180
Stage 1	1269+00.00	1584+00.00	SB INSIDE EXISTING EDGE LINE	SOLID	YELLOW	10,500
Stage 1	106+00.00	201+40.00	SB INSIDE EXISTING EDGE LINE	SOLID	YELLOW	3,180
Stage 1	1373+50.00	1375+22.00	NB REST STOP EXISTING GORE AREA	SOLID	WHITE	115
Stage 1	2+50.00	5+99.54	NB REST STOP EXISTING GORE AREA	SOLID	YELLOW	233
Stage 1	25+56.06	29+00.00	NB REST STOP EXISTING GORE AREA	SOLID	YELLOW	229
Stage 1	1397+42.00	1399+67.00	NB REST STOP EXISTING GORE AREA	SOLID	WHITE	150
Stage 1	1413+28.00	1415+00.00	SB REST STOP EXISTING GORE AREA	SOLID	WHITE	115
Stage 1	7+39.00	9+88.00	SB REST STOP EXISTING GORE AREA	SOLID	YELLOW	166
Stage 1	30+00.00	33+00.00	SB REST STOP EXISTING GORE AREA	SOLID	YELLOW	200
Stage 1	1436+69.00	1438+27.00	SB REST STOP EXISTING GORE AREA	SOLID	WHITE	105
TEMPORARY PAVEMENT MARKING, 6" REMOVAL						
Pre-Stage	1269+00.00	1434+92.00	OUTSIDE TEMP MARKING EDGE LINE	SOLID	WHITE	8,296
Pre-Stage	106+00.00	201+40.00	OUTSIDE TEMP MARKING EDGE LINE	SOLID	WHITE	4,770
Pre-Stage	1269+00.00	1584+00.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	15,750
Pre-Stage	106+00.00	201+40.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	4,770
1A/1B	1269+00.00	1584+00.00	OUTSIDE TEMP MARKING EDGE LINE	SOLID	WHITE	15,750
1A/1B	106+00.00	201+40.00	OUTSIDE TEMP MARKING EDGE LINE	SOLID	WHITE	4,770
1A/1B	1269+00.00	1372+00.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	5,150
1A/1B	1372+00.00	1377+00.00	TEMP MARKING ON RAMP	SOLID	WHITE	400
1A/1B	1374+00.00	1399+00.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	1,250
1A/1B	1395+84.87	1401+00.00	TEMP MARKING ON RAMP	SOLID	WHITE	403
1A/1B	1401+00.00	1411+87.88	INSIDETEMP MARKING EDGE LINE	SOLID	YELLOW	544
1A/1B	1411+87.88	1417+00.00	TEMP MARKING ON RAMP	SOLID	WHITE	402
1A/1B	1414+00.00	1438+00.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	1,200
1A/1B	1434+92.00	1440+00.00	TEMP MARKING ON RAMP	SOLID	WHITE	407
1A/1B	1440+00.00	1584+00.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	7,200
1A/1B	106+00.00	201+40.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	4,770
2	1269+00.00	1584+00.00	OUTSIDE TEMP MARKING EDGE LINE	SOLID	WHITE	15,750
2	106+00.00	201+40.00	OUTSIDE TEMP MARKING EDGE LINE	SOLID	WHITE	4,770
2	1269+00.00	1584+00.00	INSIDE TEMP MARKING EDGE LINE	SOLID	YELLOW	15,750
2	106+00.00	201+40.00	INSIDETEMP MARKING EDGE LINE	SOLID	YELLOW	4,770
				TOTAL		145,545

EPOXY PAVEMENT MARKING - LINE 6"								
ALIGN	FROM		TO		WHITE	YELLOW	STYLE	TOTAL (FOOT)
	STA	OFFSET	STA	OFFSET				
I-57	1269+00.00	56' RT	1281+00.00	56' RT	1200.00		SOLID	2,400
I-57		32' RT		32' RT		1200.00	SOLID	2,400
I-57		32' LT		32' LT		1200.00	SOLID	2,400
I-57		56' LT		56' LT	1200.00		SOLID	2,400
I-57	1281+00.00	56' RT	1296+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1296+00.00	56' RT	1311+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1311+00.00	56' RT	1326+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1326+00.00	56' RT	1341+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1341+00.00	56' RT	1356+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1356+00.00	56' RT	1371+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1378+37.00	56' RT	1386+00.00	56' RT	763.00		SOLID	1,526
I-57	1371+00.00	32' RT	1386+00.00	32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1371+00.00	56' RT	1378+37.00	100' RT	738.5		SOLID	1,477
I-57	1386+00.00	56' RT	1394+25.00	56' RT	825.00		SOLID	1,650
I-57	1386+00.00	32' RT	1401+00.00	32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1394+25.00	127.5' RT	1401+00.00	70.5' RT	676.3		SOLID	1,353
I-57	1408+26.00	56' RT	1416+00.00	56' RT	774.00		SOLID	1,548
I-57	1401+00.00	32' RT	1416+00.00	32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57	1401+00.00	56' LT	1405+41.00	56' LT	441.00		SOLID	882
I-57	1401+00.00	70.5' RT	1408+26.00	56' RT	722.4		SOLID	1,445
I-57	1405+41.00	56' LT	1416+00.00	81' LT	1065.5		SOLID	2,131
I-57	1416+00.00	56' RT	1431+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57	1416+00.00	81' LT	1417+40.50	114' LT	145.2		SOLID	290
I-57	1417+40.50	56' LT	1431+00.00	56' LT	1359.5		SOLID	2,719
I-57	1431+00.00	56' RT	1446+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57	1431+00.00	56' LT	1433+00.00	56' LT	200.00		SOLID	400
I-57	1433+00.00	123' LT	1441+61.00	56' LT	871		SOLID	1,742
I-57	1441+61.00	56' LT	1446+00.00	56' LT	439.00		SOLID	878
I-57	1446+00.00	56' RT	1461+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1461+00.00	56' RT	1476+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1476+00.00	56' RT	1491+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1491+00.00	56' RT	1506+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
CONTINUED NEXT COLUMN								

EPOXY PAVEMENT MARKING - LINE 6"								
ALIGN	FROM		TO		WHITE	YELLOW	STYLE	TOTAL (FOOT)
	STA	OFFSET	STA	OFFSET				
I-57	1506+00.00	56' RT	1521+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1521+00.00	56' RT	1536+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1536+00.00	56' RT	1551+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1551+00.00	56' RT	1566+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1566+00.00	56' RT	1581+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	1581+00.00	56' RT	1584+00.00	56' RT	300.00		SOLID	600
I-57		32' RT		32' RT		300.00	SOLID	600
I-57		32' LT		32' LT		300.00	SOLID	600
I-57		56' LT		56' LT	300.00		SOLID	600
I-57	106+00.00	56' RT	118+00.00	56' RT	1200.00		SOLID	2,400
I-57		32' RT		32' RT		1200.00	SOLID	2,400
I-57		32' LT		32' LT		1200.00	SOLID	2,400
I-57		56' LT		56' LT	1200.00		SOLID	2,400
I-57	118+00.00	56' RT	133+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	133+00.00	56' RT	148+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	148+00.00	56' RT	163+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	163+00.00	56' RT	178+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	178+00.00	56' RT	193+00.00	56' RT	1500.00		SOLID	3,000
I-57		32' RT		32' RT		1500.00	SOLID	3,000
I-57		32' LT		32' LT		1500.00	SOLID	3,000
I-57		56' LT		56' LT	1500.00		SOLID	3,000
I-57	193+00.00	56' RT	201+40.00	56' RT	840.00		SOLID	1,680
I-57		32' RT		32' RT		840.00	SOLID	1,680
I-57		32' LT		32' LT		840.00	SOLID	1,680
I-57		56' LT		56' LT	840.00		SOLID	1,680
						TOTAL		328,361

NOTE: ALL EPOXY PAVEMENT MARKINGS SHALL BE APPLIED WITH TWO COATS.

EPOXY PAVEMENT MARKING - LINE 4"								
ALIGN	FROM		TO		WHITE	YELLOW	STYLE	TOTAL (FOOT)
	STA	OFFSET	STA	OFFSET				
SOUTHBOUND REST AREA								
	7+44.70	16' RT	12+51.20	16' RT	506.50		SOLID	507
	20+37.01	16' RT	23+97.01	16' RT	360.00		SOLID	360
	7+44.70	16' LT	23+97.01	16' LT		1652.31	SOLID	1,652
NORTH CAR PARKING STALLS					342.00	392.00	SOLID	734
SOUTH CAR PARKING STALLS					467.00	392.00	SOLID	859
TRUCK PARKING STALLS					2487.00		SOLID	2,487
NORTHBOUND REST AREA								
	11+54.84	16' LT	15+61.56	16' LT	406.72		SOLID	407
	23+68.76	16' LT	28+03.76	16' LT	435.00		SOLID	435
	11+54.84	16' RT	28+03.76	16' RT		1648.92	SOLID	1,649
NORTH CAR PARKING STALLS					467.00	392.00	SOLID	859
SOUTH CAR PARKING STALLS					342.00	392.00	SOLID	734
NORTH TRUCK PARKING STALLS					1257.00		SOLID	1,257
SOUTH TRUCK PARKING STALLS					1022.00		SOLID	1,022
						TOTAL		12,961

EPOXY PAVEMENT MARKING - LINE 12"						
ALIGN	STATION		DESCRIPTION	STYLE	COLOR	TOTAL (FOOT)
	FROM	TO				
I-57	1373+78.00	1377+62.00	RAMP GORE CHEVRONS	SOLID	WHITE	350
I-57	1434+67.00	1438+60.00	RAMP GORE CHEVRONS	SOLID	WHITE	412
				TOTAL		762

EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS			
	EACH	SQ FT per SYMBOL	TOTAL (SQ FT)
SOUTHBOUND REST AREA			
HANDICAP MARKINGS	2	3.1	6.2
NORTHBOUND REST AREA			
HANDICAP MARKINGS	2	3.1	6.2
		TOTAL	12

GROOVING FOR RECESSED PAVEMENT MARKING 7"

ALIGN	FROM STA	FROM OFFSET	TO STA	TO OFFSET	WHITE	YELLOW	STYLE	TOTAL (FOOT)
I-57	1269+00.00	56' RT	1281+00.00	56' RT	1200.00		SOLID	1200.00
I-57		32' RT		32' RT		1200.00	SOLID	1200.00
I-57		32' LT		32' LT		1200.00	SOLID	1200.00
I-57		56' LT		56' LT	1200.00		SOLID	1200.00
I-57	1281+00.00	56' RT	1296+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1296+00.00	56' RT	1311+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1311+00.00	56' RT	1326+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1326+00.00	56' RT	1341+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1341+00.00	56' RT	1356+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1356+00.00	56' RT	1356+54.00	56' RT	54.00		SOLID	54.00
I-57		32' RT		32' RT		54.00	SOLID	54.00
I-57		32' LT		32' LT		54.00	SOLID	54.00
I-57		56' LT		56' LT	54.00		SOLID	54.00
I-57	1356+54.00		1358+50.00		BRIDGE OMISSION FOR GROOVING			
I-57	1358+50.00	56' RT	1371+00.00	56' RT	1250.00		SOLID	1250.00
I-57		32' RT		32' RT		1250.00	SOLID	1250.00
I-57		32' LT		32' LT		1250.00	SOLID	1250.00
I-57		56' LT		56' LT	1250.00		SOLID	1250.00
I-57	1378+37.00	56' RT	1386+00.00	56' RT	763.00		SOLID	763.00
I-57	1371+00.00	32' RT	1386+00.00	32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1371+00.00	56' RT	1378+37.00	100' RT	738.5		SOLID	738.50
I-57	1386+00.00	56' RT	1394+25.00	56' RT	825.00		SOLID	825.00
I-57	1386+00.00	32' RT	1401+00.00	32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1394+25.00	127.5' RT	1401+00.00	70.5' RT	676.3		SOLID	676.30
I-57	1401+00.00	70.5' RT	1408+26.00	56' RT	722.4		SOLID	722.40
I-57	1408+26.00	56' RT	1416+00.00	56' RT	774.00		SOLID	774.00
I-57	1401+00.00	32' RT	1416+00.00	32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57	1401+00.00	56' LT	1405+41.00	56' LT	441.00		SOLID	441.00
I-57	1405+41.00	56' LT	1416+00.00	81' LT	1065.5		SOLID	1065.50
I-57	1416+00.00	56' RT	1431+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57	1416+00.00	81' LT	1417+40.50	114' LT	145.2		SOLID	145.20
I-57	1417+40.50	56' LT	1431+00.00	56' LT	1359.5		SOLID	1359.50
I-57	1431+00.00	56' RT	1446+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57	1431+00.00	56' LT	1433+00.00	56' LT	200.00		SOLID	200.00
I-57	1433+00.00	123' LT	1441+61.00	56' LT	871		SOLID	871.00
I-57	1441+61.00	56' LT	1446+00.00	56' LT	439.00		SOLID	439.00
I-57	1446+00.00	56' RT	1461+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1461+00.00	56' RT	1476+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1476+00.00	56' RT	1491+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1491+00.00	56' RT	1506+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1506+00.00	56' RT	1521+00.00	56' RT	1500.00		SOLID	1500.00

CONTINUED NEXT COLUMN

GROOVING FOR RECESSED PAVEMENT MARKING 7"

ALIGN	FROM STA	FROM OFFSET	TO STA	TO OFFSET	WHITE	YELLOW	STYLE	TOTAL (FOOT)
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1521+00.00	56' RT	1536+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1536+00.00	56' RT	1551+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1551+00.00	56' RT	1566+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1566+00.00	56' RT	1581+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	1581+00.00	56' RT	1584+00.00	56' RT	300.00		SOLID	300.00
I-57		32' RT		32' RT		300.00	SOLID	300.00
I-57		32' LT		32' LT		300.00	SOLID	300.00
I-57		56' LT		56' LT	300.00		SOLID	300.00
I-57	106+00.00	56' RT	118+00.00	56' RT	1200.00		SOLID	1200.00
I-57		32' RT		32' RT		1200.00	SOLID	1200.00
I-57		32' LT		32' LT		1200.00	SOLID	1200.00
I-57		56' LT		56' LT	1200.00		SOLID	1200.00
I-57	118+00.00	56' RT	133+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	133+00.00	56' RT	148+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	148+00.00	56' RT	163+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	163+00.00	56' RT	178+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	178+00.00	56' RT	193+00.00	56' RT	1500.00		SOLID	1500.00
I-57		32' RT		32' RT		1500.00	SOLID	1500.00
I-57		32' LT		32' LT		1500.00	SOLID	1500.00
I-57		56' LT		56' LT	1500.00		SOLID	1500.00
I-57	193+00.00	56' RT	201+40.00	56' RT	840.00		SOLID	840.00
I-57		32' RT		32' RT		840.00	SOLID	840.00
I-57		32' LT		32' LT		840.00	SOLID	840.00
I-57		56' LT		56' LT	840.00		SOLID	840.00
						TOTAL		163,396

GROOVING FOR RECESSED PAVEMENT MARKING 13"

STATION FROM	STATION TO	DESCRIPTION	STYLE	COLOR	TOTAL (FOOT)
1373+78.00	1377+62.00	RAMP GORE CHEVRONS	SOLID	WHITE	175
1434+67.00	1438+60.00	RAMP GORE CHEVRONS	SOLID	WHITE	206
			TOTAL		381

GROOVING FOR RECESSED PAVEMENT MARKING 9"

STATION FROM	STATION TO	DESCRIPTION	STYLE	COLOR	TOTAL (FOOT)
1371+00.00	1373+78.00	EXIT SKIPS	DOTTED	WHITE	76
1373+78.00	1377+62.00	GORE PVMT I-57	SOLID	WHITE	384
2+83.64	7+42.50	GORE PVMT RAMP	SOLID	YELLOW	460
1395+48.30	1400+22.25	GORE PVMT I-57	SOLID	WHITE	474
23+97.01	29+89.56	GORE PVMT RAMP	SOLID	YELLOW	600
1413+36.34	1416+64.50	GORE PVMT I-57	SOLID	WHITE	328
7+49.78	11+54.84	GORE PVMT RAMP	SOLID	YELLOW	405
1434+67.00	1438+60.30	GORE PVMT I-57	SOLID	WHITE	393
28+07.05	33+71.65	GORE PVMT RAMP	SOLID	YELLOW	567
1438+60.30	1441+61.06	EXIT SKIPS	DOTTED	WHITE	75
			TOTAL		3,763

GROOVING FOR RECESSED PAVEMENT MARKING 10"

STATION FROM	STATION TO	DESCRIPTION	STYLE	COLOR	TOTAL (FOOT)
1269+00.00	1281+00.00	NB I-57 CL	SKIP-DASH	WHITE	300
		SB I-57 CL	SKIP-DASH	WHITE	300
1281+00.00	1296+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1296+00.00	1311+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1311+00.00	1326+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1326+00.00	1341+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1341+00.00	1356+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1356+00.00	1356+54.00	NB I-57 CL	SKIP-DASH	WHITE	14
		SB I-57 CL	SKIP-DASH	WHITE	14
1356+54.00	1358+50.00	NB I-57 BRIDGE OMISSION FOR GROOVING			
		SB I-57 BRIDGE OMISSION FOR GROOVING			
1358+50.00	1371+00.00	NB I-57 CL	SKIP-DASH	WHITE	313
		SB I-57 CL	SKIP-DASH	WHITE	313
1371+00.00	1386+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1386+00.00	1401+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1401+00.00	1416+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1416+00.00	1431+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1431+00.00	1446+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1446+00.00	1461+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1461+00.00	1476+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1476+00.00	1491+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1491+00.00	1506+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1506+00.00	1521+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1521+00.00	1536+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1536+00.00	1551+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1551+00.00	1566+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1566+00.00	1581+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
1581+00.00	1584+00.00	NB I-57 CL	SKIP-DASH	WHITE	75
106+00.00	118+00.00	SB I-57 CL	SKIP-DASH	WHITE	300
1581+00.00	1584+00.00	NB I-57 CL	SKIP-DASH	WHITE	75
106+00.00	118+00.00	SB I-57 CL	SKIP-DASH	WHITE	300
118+00.00	133+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
133+00.00	148+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
148+00.00	163+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
163+00.00	178+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
178+00.00	193+00.00	NB I-57 CL	SKIP-DASH	WHITE	375
		SB I-57 CL	SKIP-DASH	WHITE	375
193+00.00	201+40.00	NB I-57 CL	SKIP-DASH	WHITE	210
		SB I-57 CL	SKIP-DASH	WHITE	210
				TOTAL	20,422

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Kaskaskia Engineering Group, LLC
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PROFESSIONAL ENGINEER'S SEAL — LAC CODY 'LEE' — 062-066757 — 7/31/2026 — Illinois Professional Design Firm — Professional Engineering Group

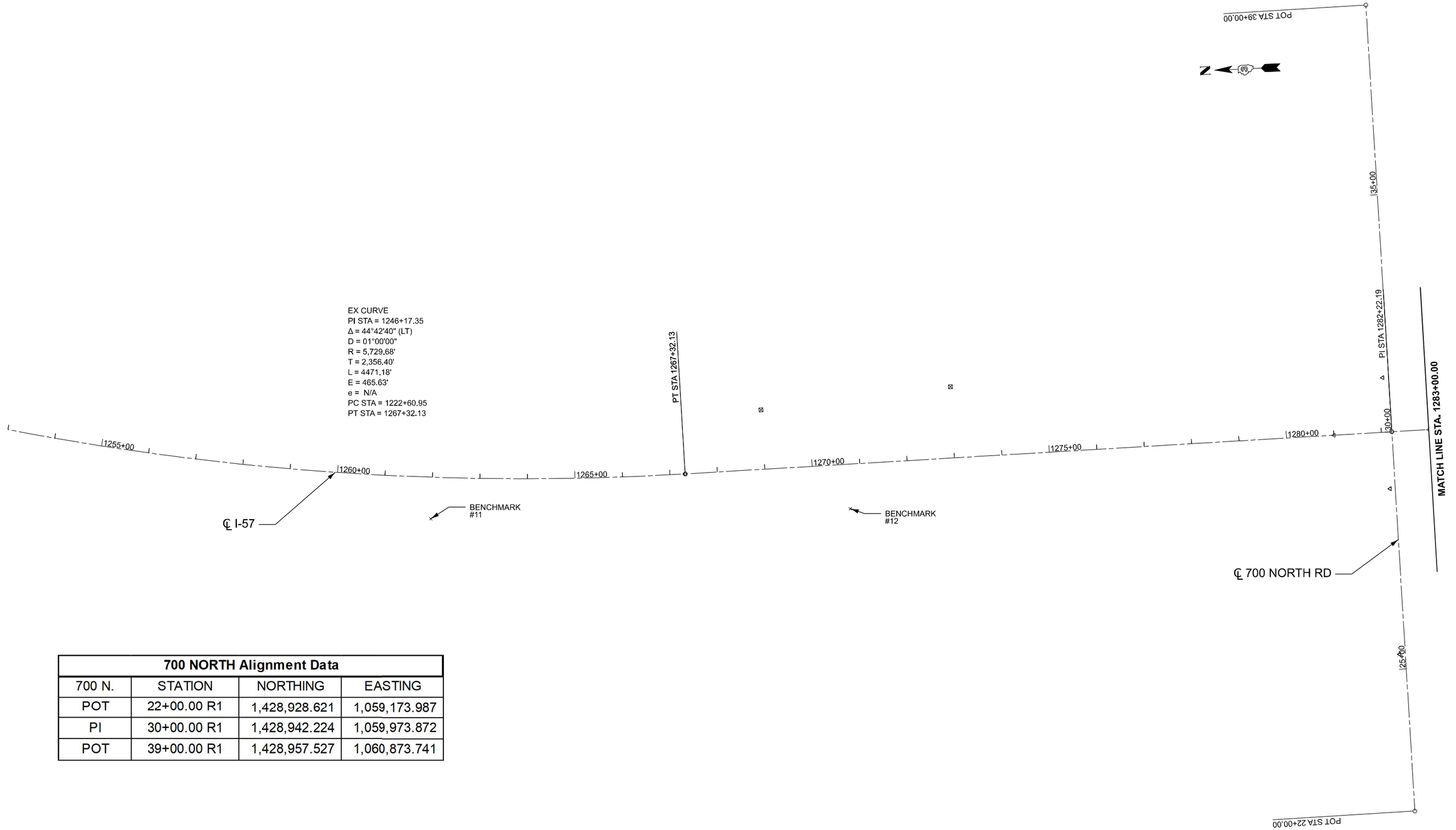
USER NAME = hawki02095		DESIGNED - JAM		REVISED -	
		DRAWN - JAM		REVISED -	
PLOT SCALE = 0.167 ' / In.		CHECKED - MTH		REVISED -	
PLOT DATE = 3/7/2025		DATE - 02/26/25		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	30
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



700 NORTH Alignment Data			
700 N.	STATION	NORTHING	EASTING
POT	22+00.00 R1	1,428,928.621	1,059,173.987
PI	30+00.00 R1	1,428,942.224	1,059,973.872
POT	39+00.00 R1	1,428,957.527	1,060,873.741

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HANSON

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PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

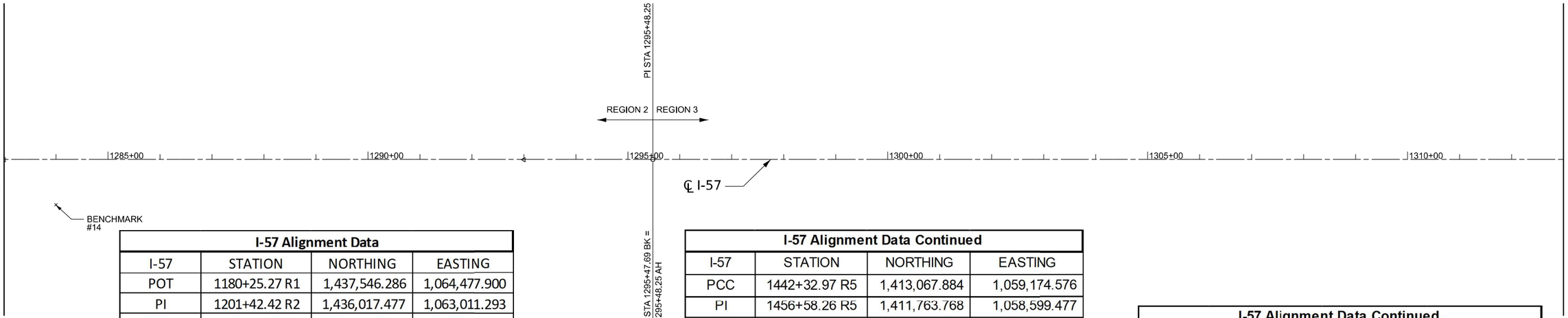
ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	31

CONTRACT NO. 66H59

ILLINOIS | FED. AID PROJECT



I-57 Alignment Data			
I-57	STATION	NORTHING	EASTING
POT	1180+25.27 R1	1,437,546.286	1,064,477.900
PI	1201+42.42 R2	1,436,017.477	1,063,011.293
EQNBK	1201+43.81 R1	1,436,017.477	1,063,011.293
EQNAHD	1201+42.42 R2	1,436,017.477	1,063,011.293
PC	1222+60.95 R2	1,434,488.668	1,061,544.687
PI	1246+17.35 R2	1,432,788.207	1,059,913.412
PT	1267+32.13 R2	1,430,432.099	1,059,950.451
PI	1282+22.19 R2	1,428,942.224	1,059,973.872
PI	1295+48.25 R3	1,427,616.888	1,059,994.706
EQNBK	1295+47.69 R2	1,427,616.888	1,059,994.706
EQNAHD	1295+48.25 R3	1,427,616.888	1,059,994.706
EQNBK	1341+15.57 R3	1,423,050.124	1,060,066.202
EQNAHD	1341+14.18 R4	1,423,050.124	1,060,066.202
PC EQNBK	1392+94.53 R4	1,417,870.406	1,060,147.295
PC EQNAHD	1392+94.80 R5	1,417,870.406	1,060,147.295
PI	1418+02.83 R5	1,415,362.684	1,060,186.555

I-57 Alignment Data Continued			
I-57	STATION	NORTHING	EASTING
PCC	1442+32.97 R5	1,413,067.884	1,059,174.576
PI	1456+58.26 R5	1,411,763.768	1,058,599.477
PT	1470+68.79 R6	1,410,640.297	1,057,722.397
EQNBK	1470+68.99 R5	1,410,640.297	1,057,722.397
EQNAHD	1470+68.79 R6	1,410,640.297	1,057,722.397
PI	1489+84.49 R7	1,409,130.729	1,056,543.897
EQNBK	1489+83.90 R6	1,409,130.729	1,056,543.897
EQNAHD	1489+84.49 R7	1,409,130.729	1,056,543.897
PC	1521+06.75 R7	1,406,669.643	1,054,622.560
PI	1541+07.48 R7	1,405,092.588	1,053,391.374
PT	1559+56.31 R8	1,403,091.944	1,053,409.971
EQNBK	1559+56.41 R7	1,403,091.944	1,053,409.971
EQNAHD	1559+56.31 R8	1,403,091.944	1,053,409.971
PI	1566+22.01 R8	1,402,426.275	1,053,416.159
PI	106+00.00 R9	1,400,664.827	1,053,432.533
EQNBK	1583+83.53 R8	1,400,664.827	1,053,432.533
EQNAHD	106+00.00 R9	1,400,664.827	1,053,432.533

I-57 Alignment Data Continued			
I-57	STATION	NORTHING	EASTING
PC	114+32.65 R9	1,399,832.215	1,053,440.415
PI	122+60.25 R9	1,399,004.652	1,053,448.249
PT	130+62.68 R9	1,398,247.995	1,053,113.000
PI	165+32.56 R10	1,395,077.790	1,051,708.389
EQNBK	165+30.12 R9	1,395,077.790	1,051,708.389
EQNAHD	165+32.56 R10	1,395,077.790	1,051,708.389
PI	200+00.00 R10	1,391,907.584	1,050,303.779
PI	201+45.90 R10	1,391,774.185	1,050,244.690
PI	206+15.00 R10	1,391,345.278	1,050,054.707
POT	303+93.79 R10	1,382,404.350	1,046,094.354

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HANSON

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	DRAWN - FA	REVISED -		
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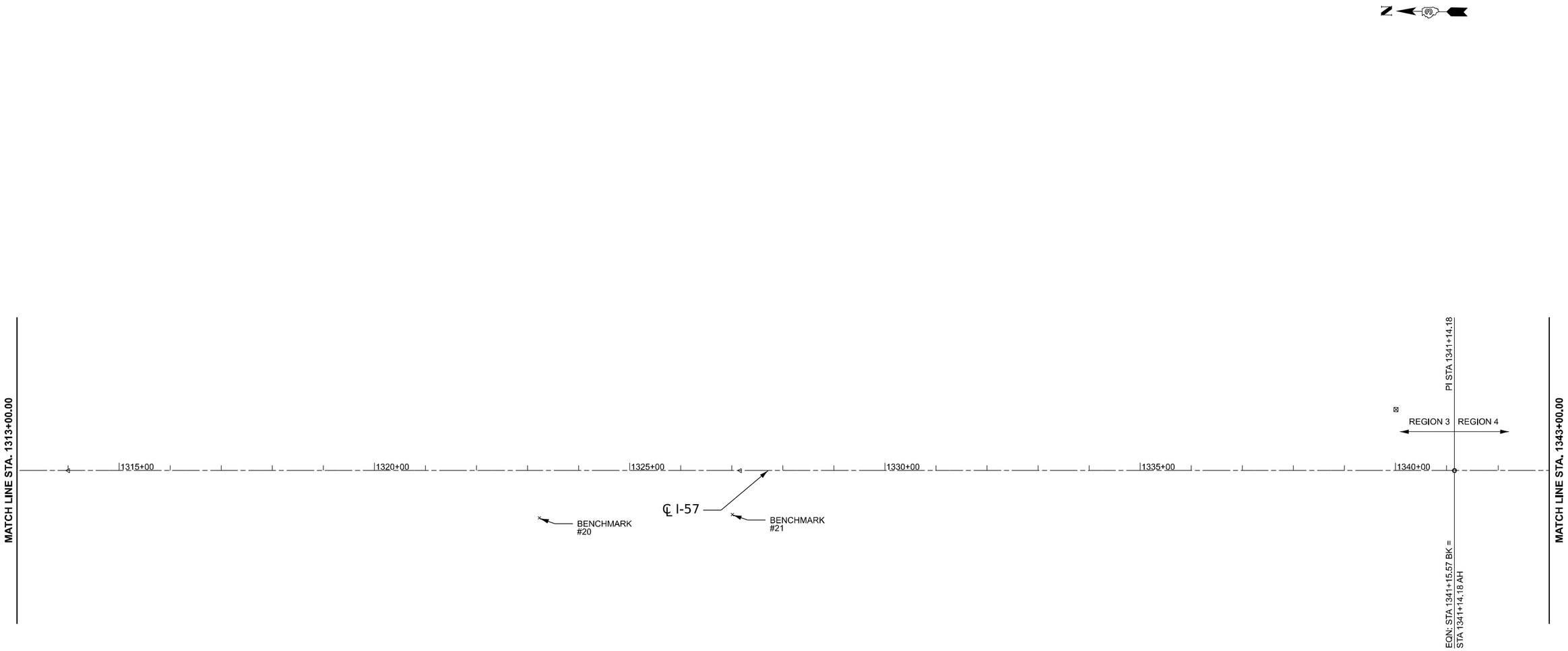
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	32
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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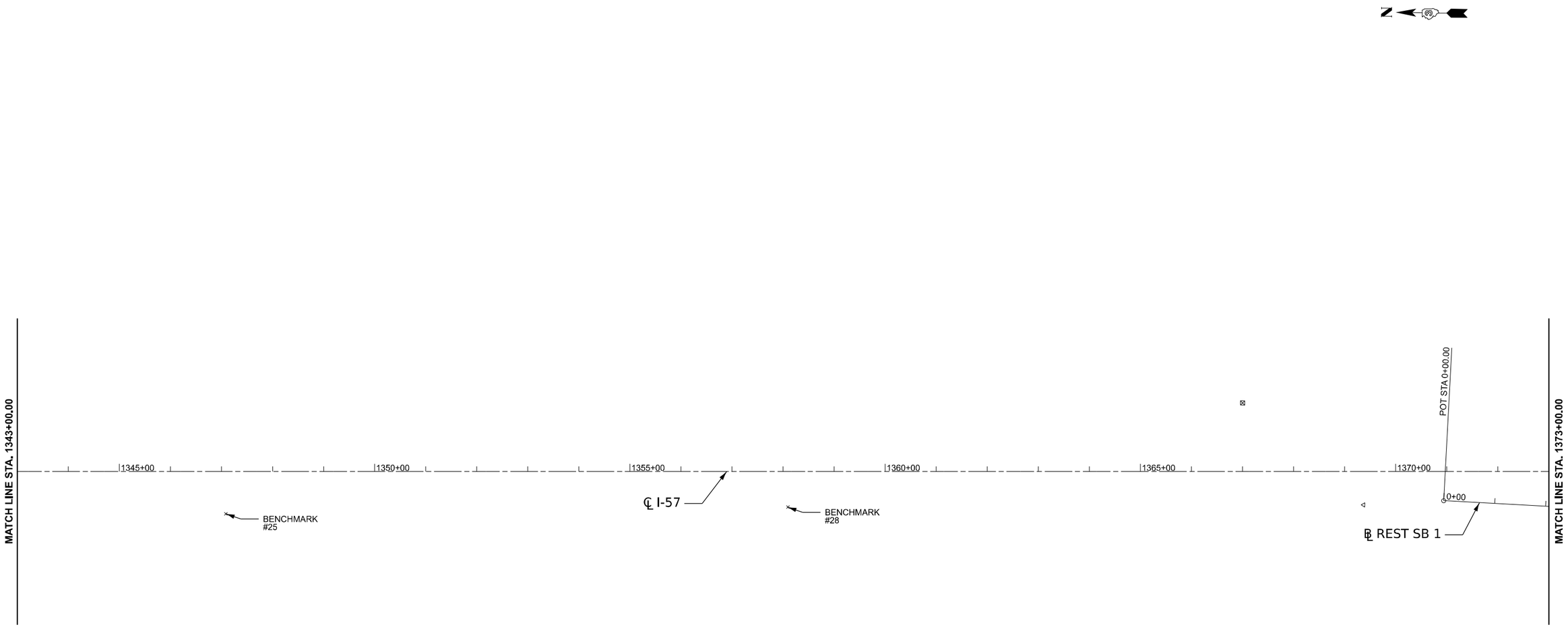
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	33
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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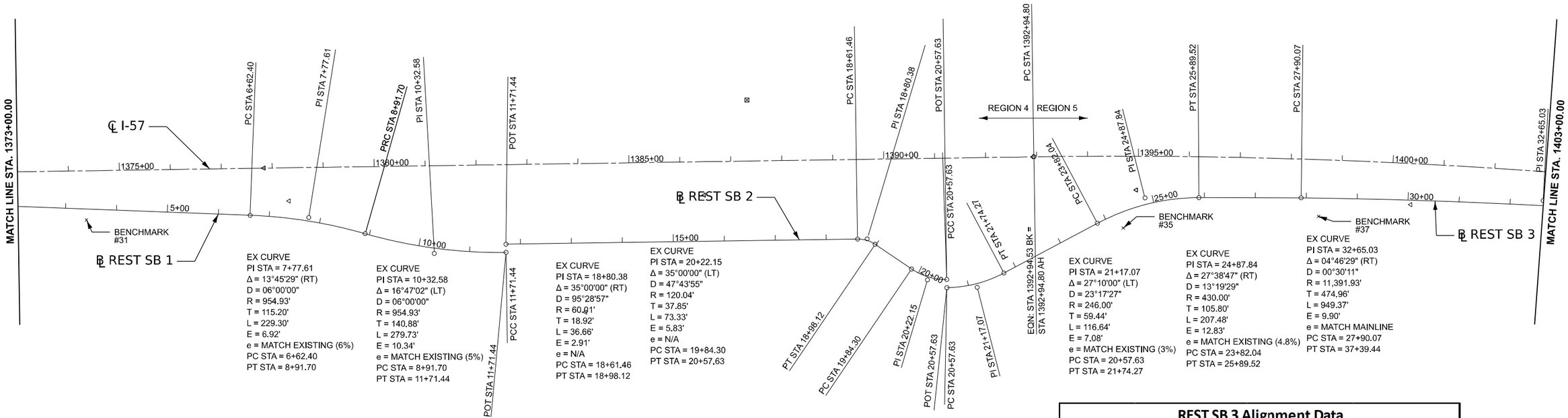
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	34
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



REST SB 1 Alignment Data			
REST SB 1	STATION	NORTHING	EASTING
POT	00+00.00 R1	1,420,069.973	1,060,055.847
PC	06+62.40 R1	1,419,408.029	1,060,031.239
PI	07+77.61 R1	1,419,292.903	1,060,026.960
PRC	08+91.70 R1	1,419,182.099	1,059,995.423
PI	10+32.58 R1	1,419,046.604	1,059,956.859
PT	11+71.44 R1	1,418,905.745	1,059,959.065

REST SB 2 Alignment Data			
REST SB 2	STATION	NORTHING	EASTING
POT	11+71.44 R1	1,418,905.996	1,059,975.063
PC	18+61.46 R1	1,418,216.060	1,059,985.864
PI	18+80.38 R1	1,418,197.143	1,059,986.160
PT	18+98.12 R1	1,418,181.476	1,059,975.552
PC	19+84.30 R1	1,418,110.110	1,059,927.228
PI	20+22.15 R1	1,418,078.771	1,059,906.007
PT	20+57.63 R1	1,418,040.928	1,059,906.600

REST SB 3 Alignment Data			
REST SB 3	STATION	NORTHING	EASTING
PC	20+57.63 R1	1,418,040.678	1,059,890.602
PI	21+17.07 R1	1,417,981.247	1,059,891.532
PT	21+74.27 R1	1,417,928.798	1,059,919.495
PC	23+82.04 R1	1,417,745.456	1,060,017.241
PI	24+87.84 R1	1,417,652.093	1,060,067.016
PT	25+89.52 R1	1,417,546.293	1,060,067.786
PC	27+90.07 R1	1,417,345.743	1,060,067.471
PI	32+65.03 R1	1,416,870.809	1,060,062.562
PT	37+39.44 R1	1,416,397.932	1,060,018.138

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HANSON

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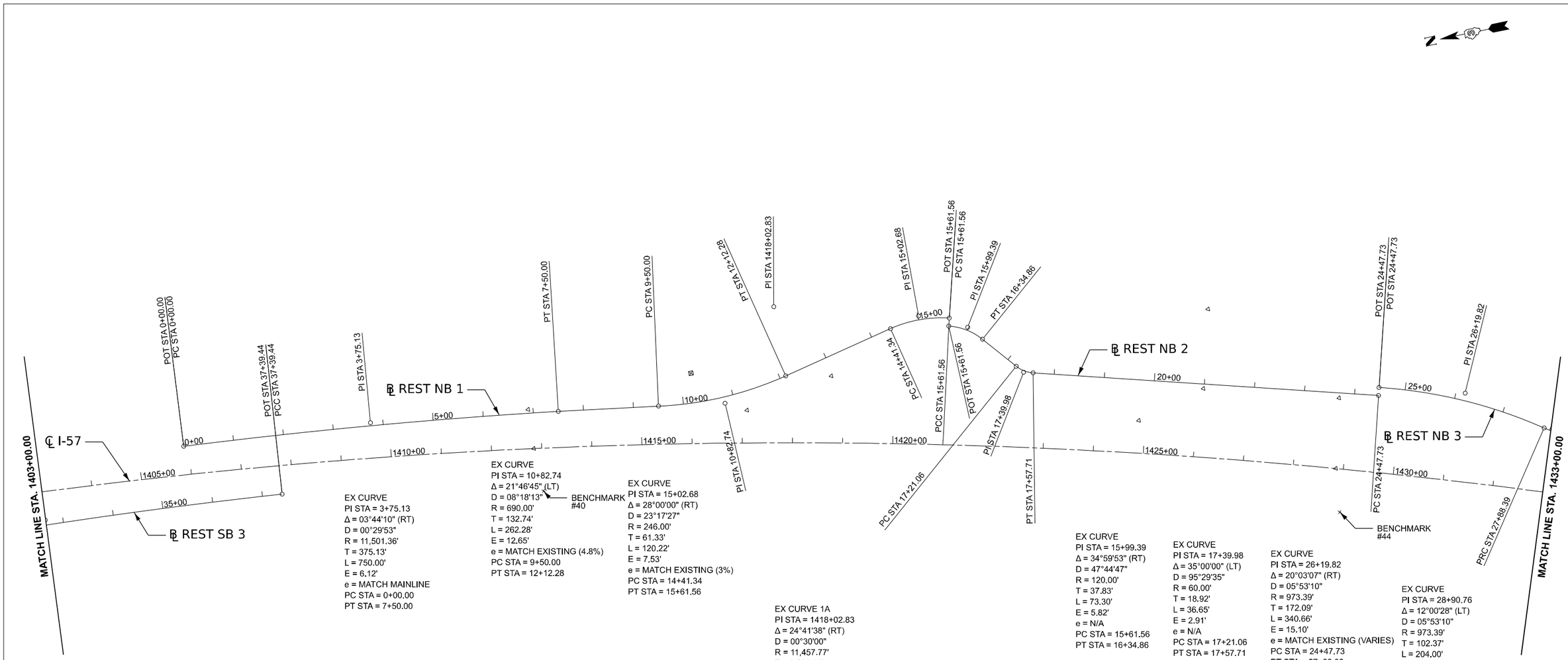
		DRAWN - FA		REVISED -	
PLOT SCALE = 0.16666633 ' / in.		CHECKED - AAP		REVISED -	
PLOT DATE = 3/7/2025		DATE - 02/26/25		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	35
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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D = 00°29'53"
R = 11,501.36'
T = 375.13'
L = 750.00'
E = 6.12'
e = MATCH MAINLINE
PC STA = 0+00.00
PT STA = 7+50.00

EX CURVE
PI STA = 10+82.74
Δ = 21°46'45" (LT)
D = 08°18'13"
R = 690.00'
T = 132.74'
L = 262.28'
E = 12.65'
e = MATCH EXISTING (4.8%)
PC STA = 9+50.00
PT STA = 12+12.28

EX CURVE
PI STA = 15+02.68
Δ = 28°00'00" (RT)
D = 23°17'27"
R = 246.00'
T = 61.33'
L = 120.22'
E = 7.53'
e = MATCH EXISTING (3%)
PC STA = 14+41.34
PT STA = 15+61.56

EX CURVE 1A
PI STA = 1418+02.83
Δ = 24°41'38" (RT)
D = 00°30'00"
R = 11,457.77'
T = 2,508.03'
L = 4938.17'
E = 271.28'
e = MATCH EXISTING (1.5%)
PC STA = 1392+94.80
PT STA = 1442+32.97

EX CURVE
PI STA = 15+99.39
Δ = 34°59'53" (RT)
D = 47°44'47"
R = 120.00'
T = 37.83'
L = 73.30'
E = 5.82'
e = N/A
PC STA = 15+61.56
PT STA = 16+34.86

EX CURVE
PI STA = 17+39.98
Δ = 35°00'00" (LT)
D = 95°29'35"
R = 60.00'
T = 18.92'
L = 36.65'
E = 2.91'
e = N/A
PC STA = 17+21.06
PT STA = 17+57.71

EX CURVE
PI STA = 26+19.82
Δ = 20°03'07" (RT)
D = 05°53'10"
R = 973.39'
T = 172.09'
L = 340.66'
E = 15.10'
e = MATCH EXISTING (VARIES)
PC STA = 24+47.73
PT STA = 27+88.39

EX CURVE
PI STA = 28+90.76
Δ = 12°00'28" (LT)
D = 05°53'10"
R = 973.39'
T = 102.37'
L = 204.00'
E = 5.37'
e = MATCH EXISTING (6%)
PC STA = 27+88.39
PT STA = 29+92.39

REST NB 1 Alignment Data

REST NB 1	STATION	NORTHING	EASTING
PC	00+00.00 R1	1,416,570.844	1,060,151.080
PI	03+75.13 R1	1,416,196.834	1,060,122.082
PT	07+50.00 R1	1,415,825.508	1,060,068.774
PC	09+50.00 R1	1,415,627.757	1,060,038.862
PI	10+82.743 R1	1,415,496.708	1,060,017.726
PT	12+12.282 R1	1,415,367.171	1,060,046.721
PC	14+41.342 R1	1,415,143.642	1,060,096.756
PI	15+02.676 R1	1,415,083.789	1,060,110.154
PT	15+61.560 R1	1,415,024.651	1,060,093.884

REST NB 2 Alignment Data

REST NB 2	STATION	NORTHING	EASTING
PC	15+61.56 R1	1,415,028.895	1,060,078.457
PI	15+99.39 R1	1,414,992.417	1,060,068.421
PT	16+34.86 R1	1,414,968.291	1,060,039.277
PC	17+21.06 R1	1,414,913.323	1,059,972.877
PI	17+39.98 R1	1,414,901.260	1,059,958.305
PT	17+57.71 R1	1,414,883.019	1,059,953.287
POT	24+47.73 R1	1,414,217.714	1,059,770.268

MODEL: 6 [Sheet]
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HANSON

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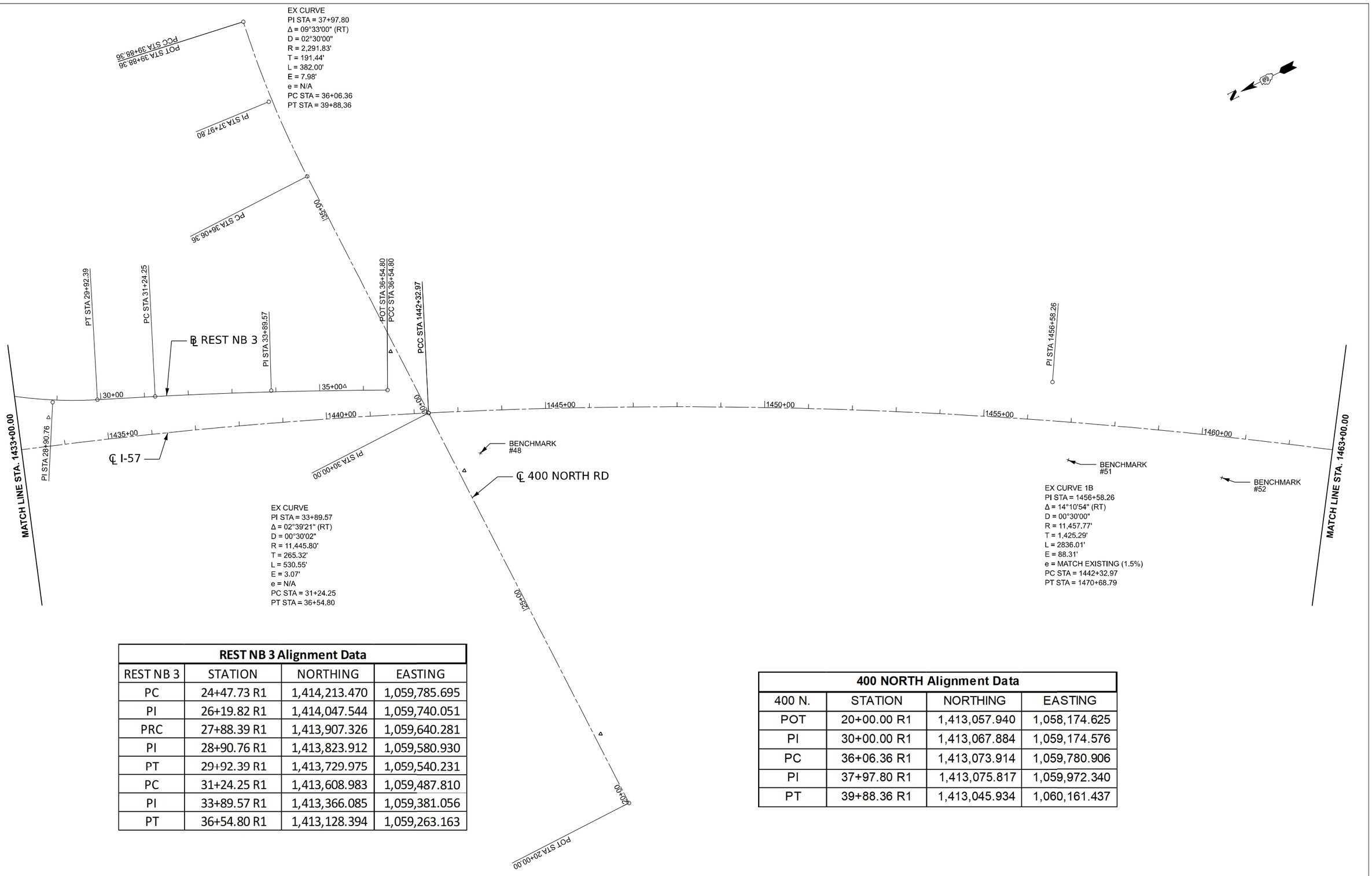
	DRAWN - FA	REVISED -
PLOT SCALE = 0.16666633 ' / In.	CHECKED - AAP	REVISED -
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	36
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



REST NB 3 Alignment Data			
REST NB 3	STATION	NORTHING	EASTING
PC	24+47.73 R1	1,414,213.470	1,059,785.695
PI	26+19.82 R1	1,414,047.544	1,059,740.051
PRC	27+88.39 R1	1,413,907.326	1,059,640.281
PI	28+90.76 R1	1,413,823.912	1,059,580.930
PT	29+92.39 R1	1,413,729.975	1,059,540.231
PC	31+24.25 R1	1,413,608.983	1,059,487.810
PI	33+89.57 R1	1,413,366.085	1,059,381.056
PT	36+54.80 R1	1,413,128.394	1,059,263.163

400 NORTH Alignment Data			
400 N.	STATION	NORTHING	EASTING
POT	20+00.00 R1	1,413,057.940	1,058,174.625
PI	30+00.00 R1	1,413,067.884	1,059,174.576
PC	36+06.36 R1	1,413,073.914	1,059,780.906
PI	37+97.80 R1	1,413,075.817	1,059,972.340
PT	39+88.36 R1	1,413,045.934	1,060,161.437

MODEL: 7 [Sheet]
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	DRAWN - FA	REVISED -	
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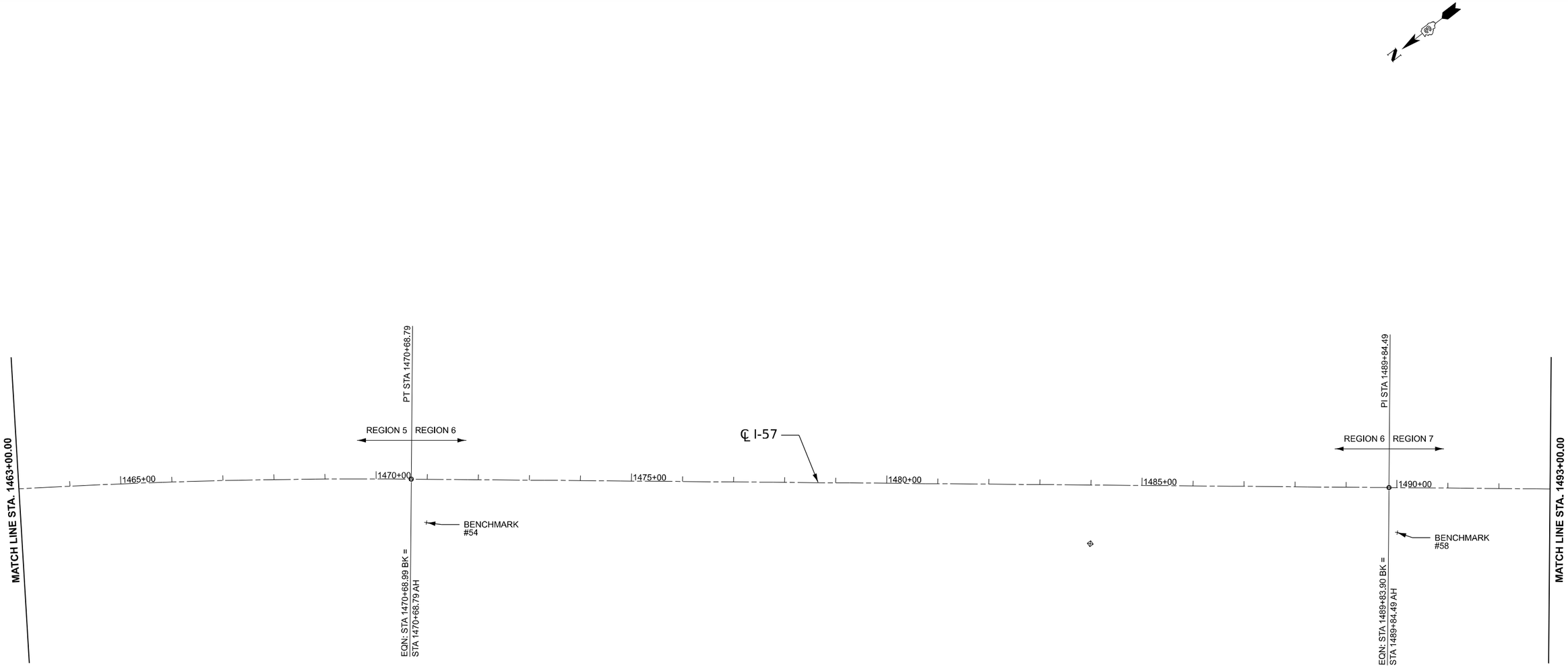
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	37
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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HANSON™

USER NAME = hawki02095	DESIGNED - FA	REVISED -	
	DRAWN - FA	REVISED -	
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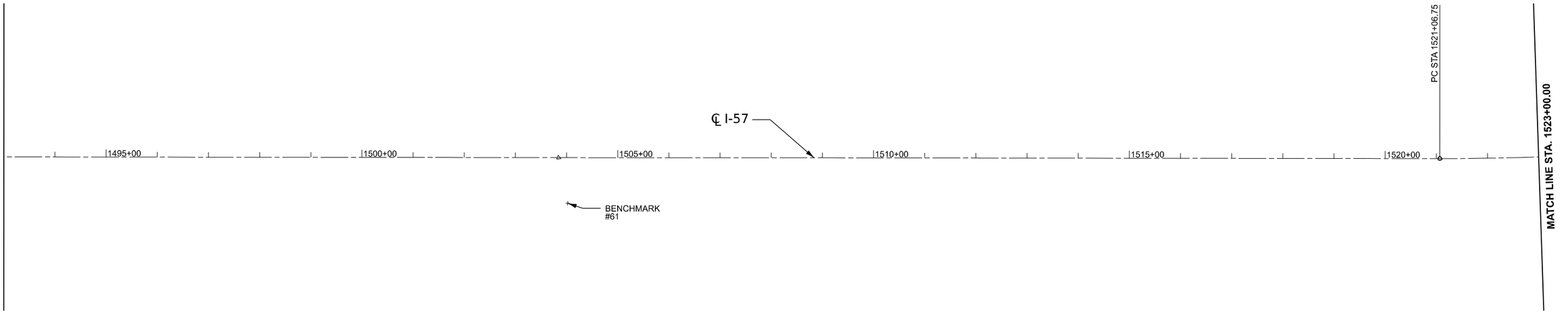
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	38
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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HANSON™

USER NAME = hawki02095	DESIGNED - FA	REVISED -	
	DRAWN - FA	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	39
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

EX CURVE 2
PI STA = 1541+07.48
Δ = 38°30'41" (LT)
D = 01°00'01"
R = 5,727.40'
T = 2,000.73'
L = 3849.66'
E = 339.40'
e = 2.8% (EXISTING)
3.4% (PROPOSED)
PC STA = 1521+06.75
PT STA = 1559+56.31

N

MATCH LINE STA. 1523+00.00

MATCH LINE STA. 1553+00.00

℄ I-57

1525+00
1530+00
1535+00
1540+00
1545+00
1550+00

PI STA 1541+07.48

MODEL: 10 [Sheet]
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HANSON™

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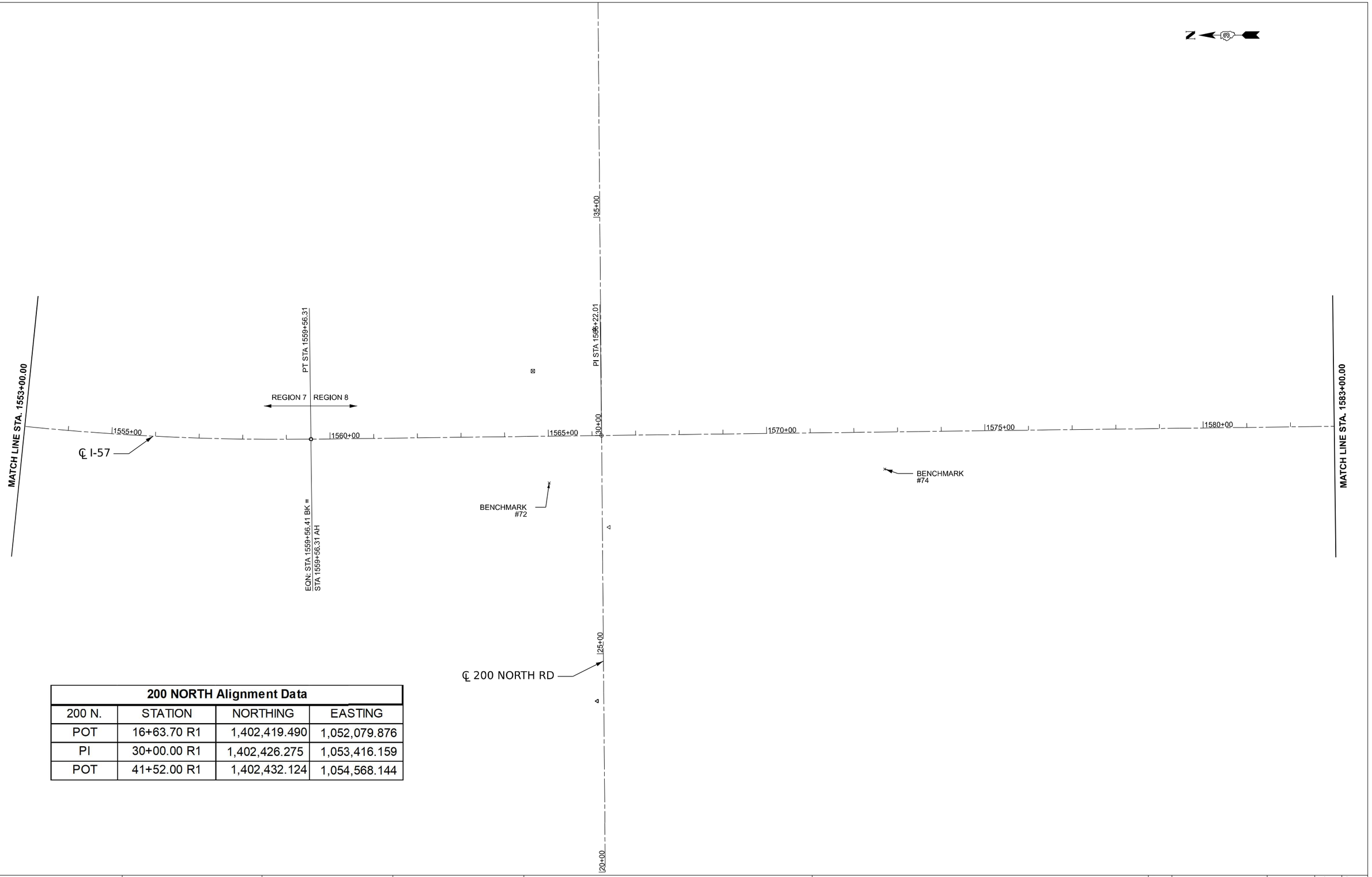
	DRAWN - FA	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	40
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



200 NORTH Alignment Data			
200 N.	STATION	NORTHING	EASTING
POT	16+63.70 R1	1,402,419.490	1,052,079.876
PI	30+00.00 R1	1,402,426.275	1,053,416.159
POT	41+52.00 R1	1,402,432.124	1,054,568.144

MODEL: 11 [Sheet]
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HANSON

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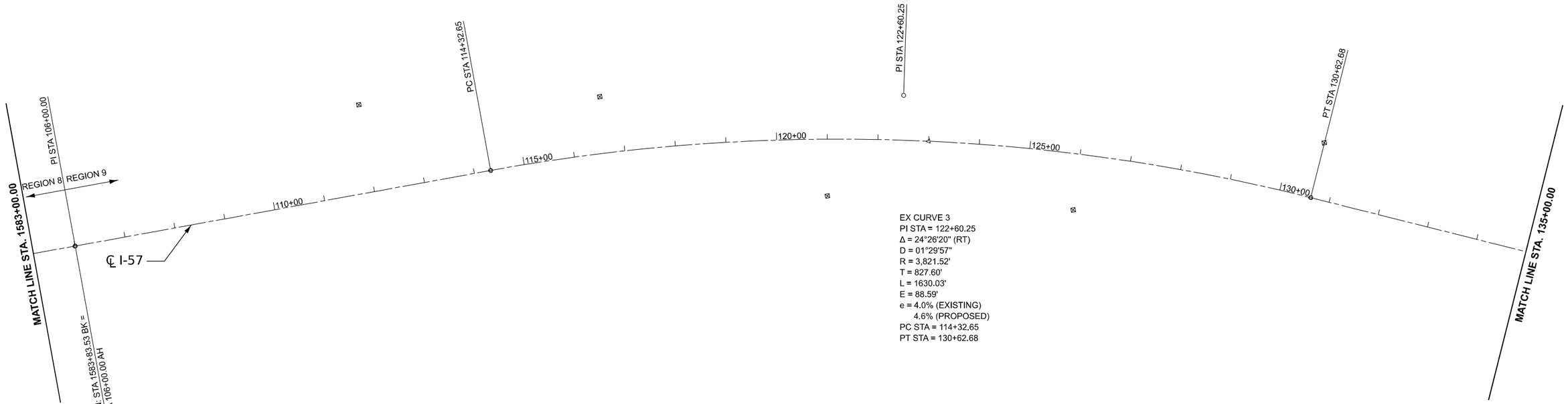
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	41
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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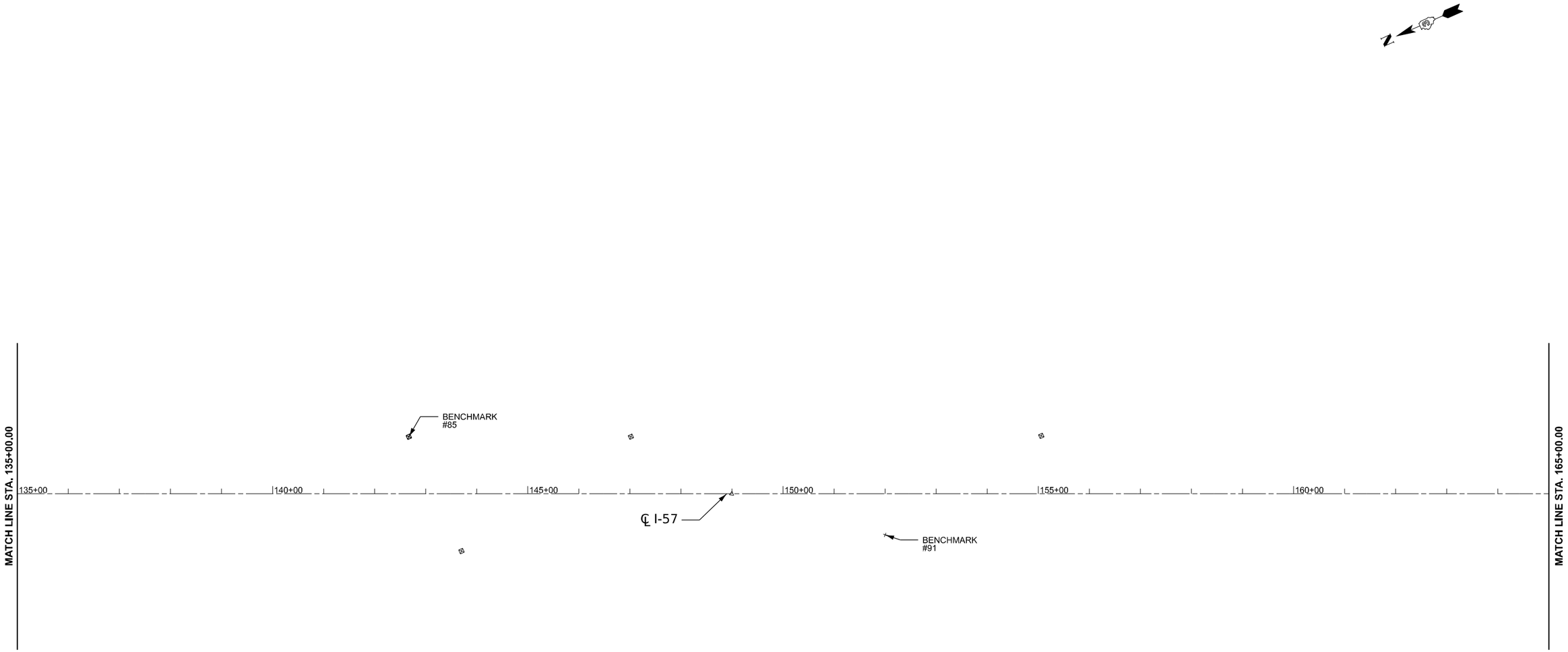
HANSON

USER NAME = hawki02095	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT TIES & BENCHMARKS	
	DRAWN - FA	REVISED -			
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: 1"=100' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	42
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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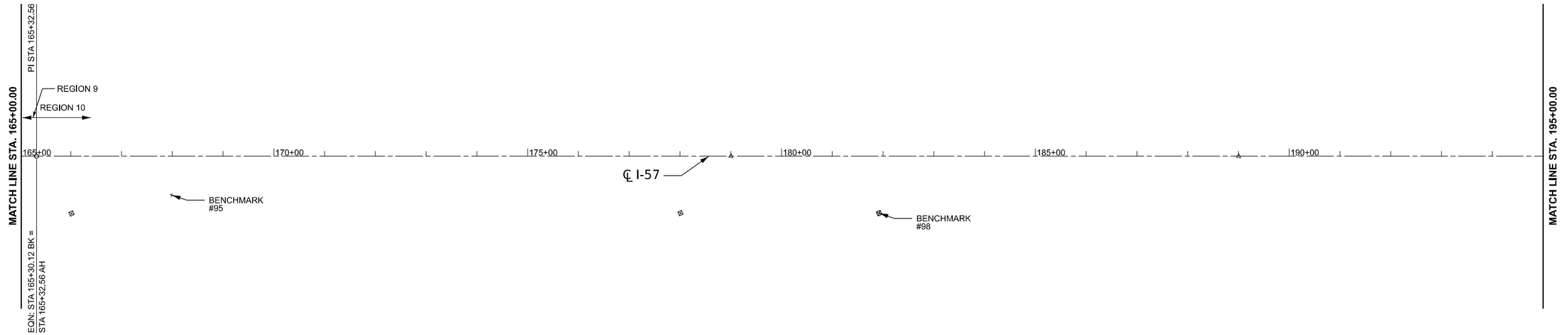
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	43
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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HANSON

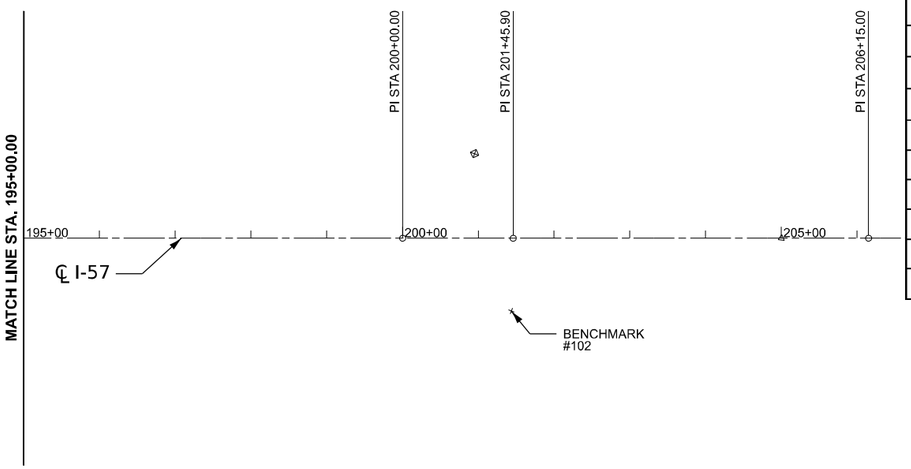
USER NAME = hawki02095	DESIGNED - FA	REVISED -	
	DRAWN - FA	REVISED -	
PLOT SCALE = 0.16666633 ' / In.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES & BENCHMARKS

SCALE: 1"=100' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	44
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			



SITE BM #	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
11	1261+99.43 R2	87.60'RT	701.762	1,430,971.113	1,059,879.495	CUT '□' TOP CENTER 15" RCCP CONC HDWL
12	1270+74.77 R2	93.94'RT	696.410	1,430,088.029	1,059,861.910	CUT '□' TOP CENTER 24" RCCP CONC HDWL
14	1283+99.76 R2	87.10'RT	700.706	1,428,763.307	1,059,889.569	CUT '□' TOP CENTER 15" RCCP CONC HDWL
20	1323+23.20 R3	92.73'RT	708.481	1,424,840.822	1,059,945.425	CUT '□' TOP E. SIGN LEG FDN. 'REST AREA-1 MILE'
21	1327+01.23 R3	86.31'RT	708.857	1,424,462.947	1,059,957.766	CUT '□' TOP CENTER 18" RCCP CONC HDWL
25	1347+08.42 R4	82.85'RT	701.106	1,422,454.661	1,059,992.662	CUT '□' TOP E. SIGN POST FDN "ABE LINCOLN CORRIDOR"
28	1358+09.28 R4	69.45'RT	704.204	1,421,354.144	1,060,023.295	CUT '⊓' TOP SW. WINGWALL SN 038-0222
31	1374+34.14 R4	96.60'RT	707.670	1,419,729.052	1,060,021.585	CUT '□' TOP E. EDGE S. TRUSS FDN "REST AREA↗"
35	1394+70.33 R5	140.79'RT	713.177	1,417,694.835	1,060,007.905	CUT '□' TOP 24" RCCP HDWL
37	1398+57.53 R5	111.23'RT	713.000	1,417,311.480	1,060,031.114	CUT '□' TOP E. SIGN LEG FDN "MOVE OVER-SLOW DOWN"
40	1413+00.17 R5	85.12'RT	718.402	1,415,886.271	1,059,919.465	CUT '□' TOP 15" RCCP HDWL
44	1429+01.05 R5	85.64'RT	727.835	1,414,340.257	1,059,558.196	CUT '□' TOP 24" RCCP HDWL
48	1443+47.17 R5	97.33'RT	733.113	1,413,003.779	1,059,039.320	CUT '□' TOP SW. COR. 3'X3' BOX CULVERT HDWL
51	1457+00.28 R5	86.17'RT	741.238	1,411,811.404	1,058,424.532	CUT '□' TOP 24" RCCP HEADWALL
52	1460+55.81 R5	93.60'RT	740.780	1,411,516.292	1,058,231.196	CUT '□' TOP E. LEG SIGN FDN "PAXTON 7 MI"
54	1470+99.11 R6	84.94'RT	744.006	1,410,668.662	1,057,636.788	CUT '□' TOP 24" RCCP HEADWALL
58	1490+01.48 R7	87.99'RT	755.981	1,409,171.487	1,056,464.094	CUT '□' TOP 36" RCCP HEADWALL
61	1504+02.25 R7	89.07'RT	767.305	1,408,068.007	1,055,601.250	CUT '□' TOP 24" RCCP HEADWALL
72	1565+00.74 R8	107.08'RT	755.795	1,402,546.538	1,053,307.961	CUT '□' TOP 36" RCCP HEADWALL
74	1572+69.37 R8	84.99'RT	757.838	1,401,778.147	1,053,337.191	CUT '□' TOP 24" RCCP HEADWALL
85	142+66.78 R9	111.64'LT	774.850	1,397,101.887	1,052,727.310	TOP ROW MKR
91	151+99.83 R9	80.39'RT	769.998	1,396,326.611	1,052,173.772	CUT '□' TOP 36" RCCP END SECTION
95	167+98.62 R10	76.56'RT	777.473	1,394,865.556	1,051,530.622	CUT '□' TOP CENTER 5'X5' BOX CULVERT HDWL
98	181+92.36 R10	112.22'RT	781.908	1,393,605.734	1,050,933.431	TOP ROW MKR
102	201+43.53 R10	95.96'RT	788.083	1,391,815.214	1,050,157.916	CUT '□' TOP W. SIGN LEG FDN. "FORD CO."
211	212+01.08 R10	112.16'RT	789.166	1,390,854.846	1,049,714.797	TOP ROW MKR

MODEL: 15 [Sheet]
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HANSON

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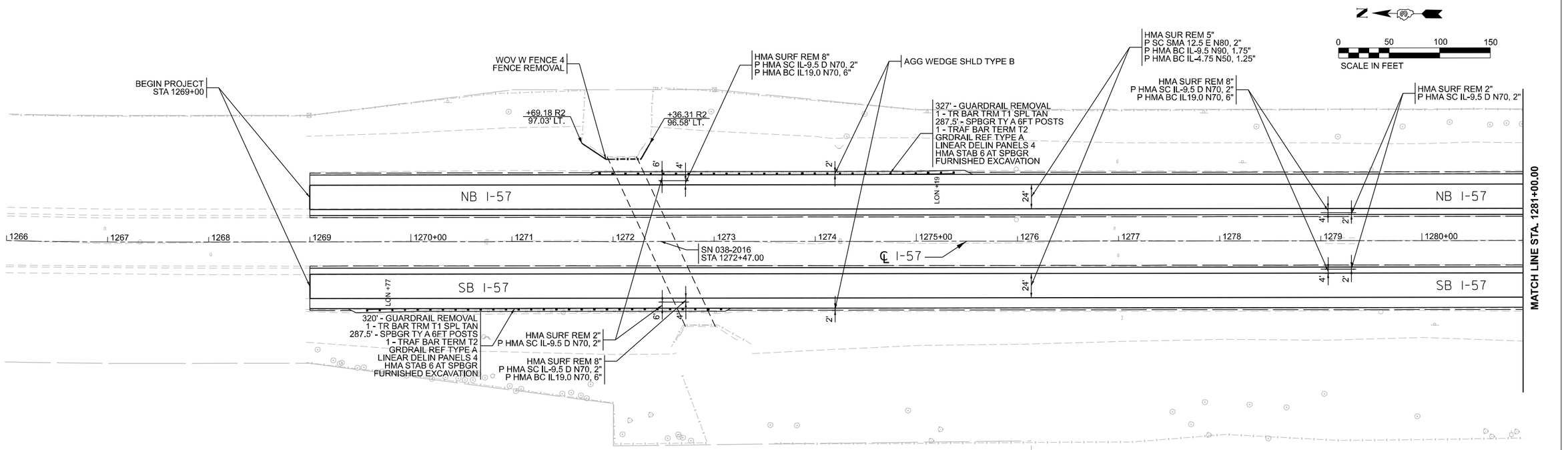
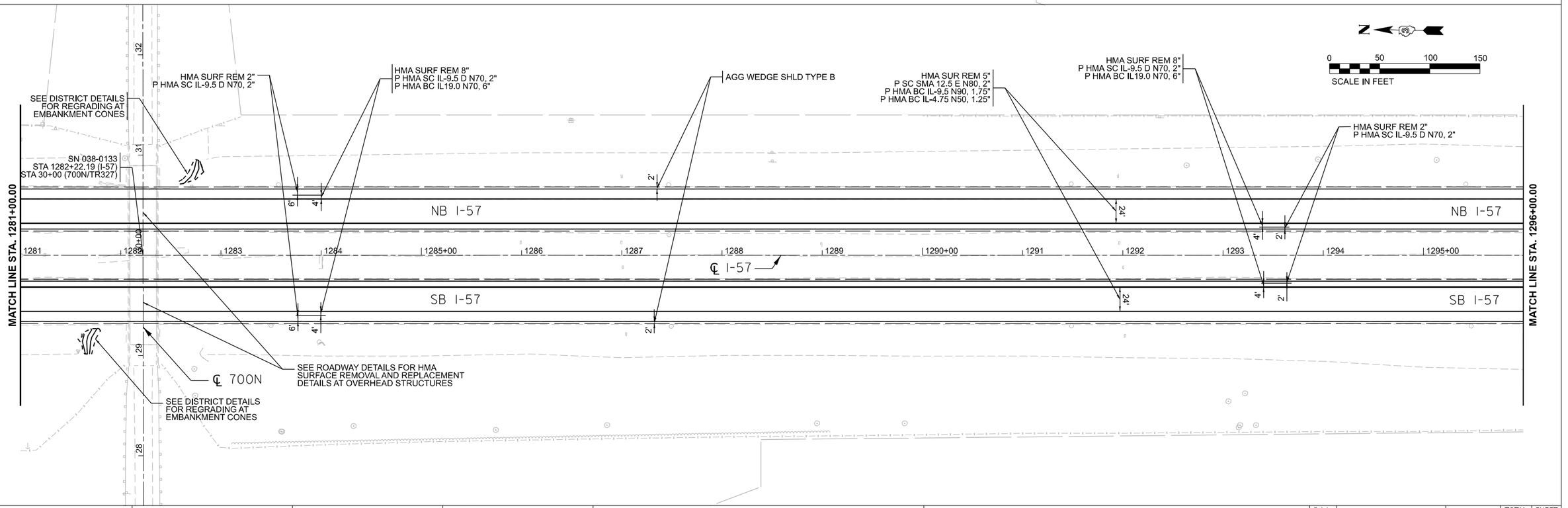
	DRAWN - FA	REVISED -			
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: 1"=100' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	45
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		





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HANSON

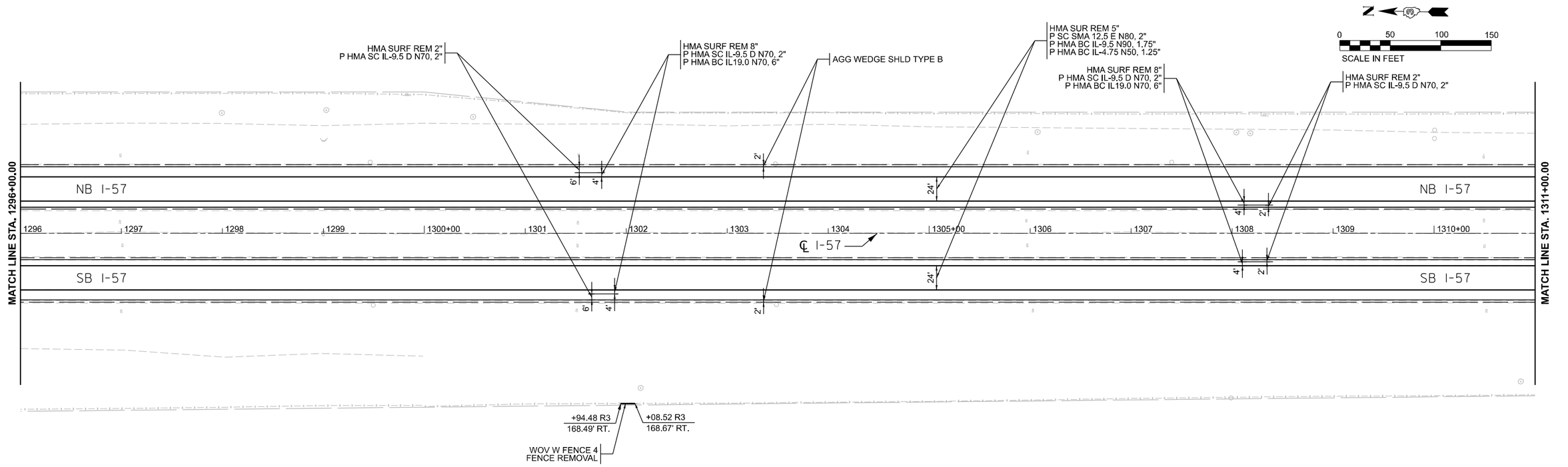
USER NAME = hawki02095	DESIGNED - JAM	REVISED -			
	DRAWN - JAM	REVISED -			
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

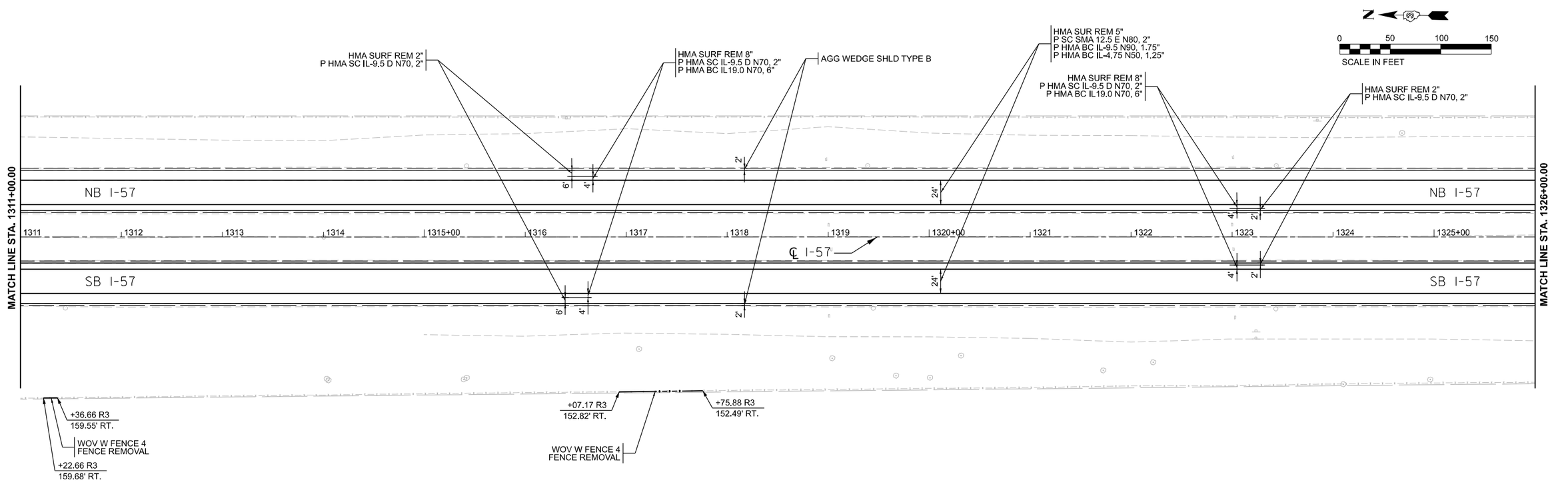
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	46
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
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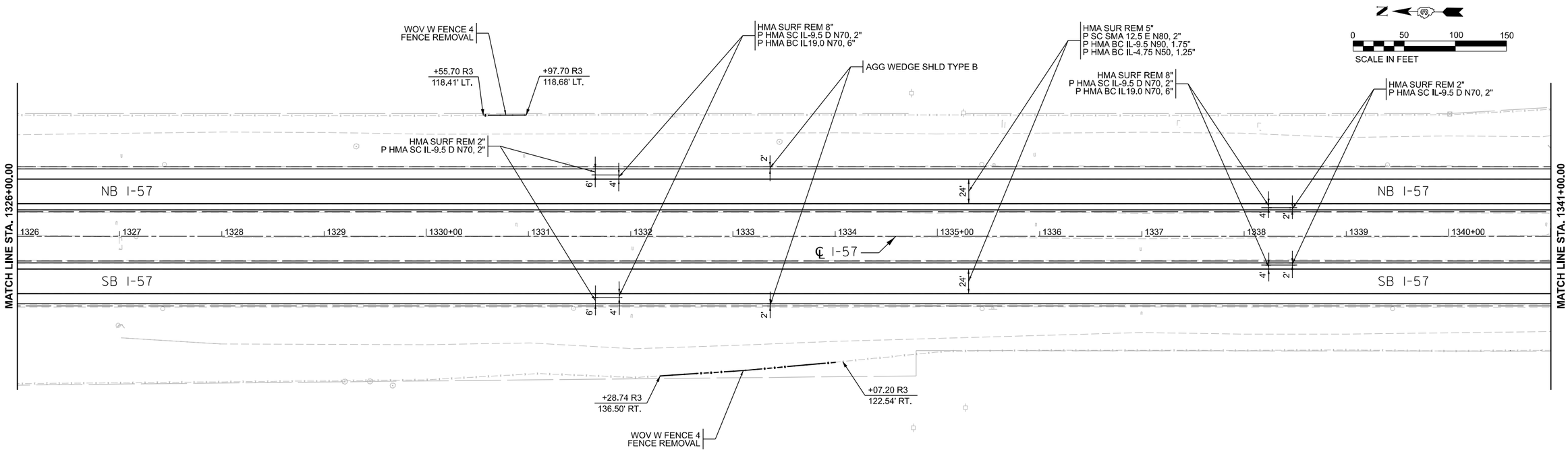
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

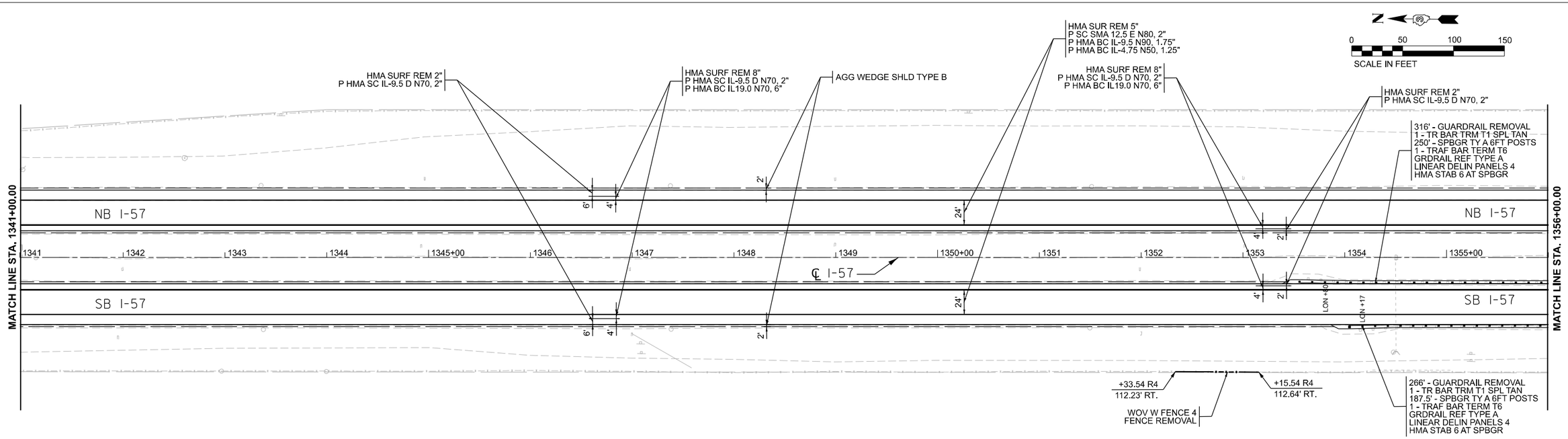
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	47
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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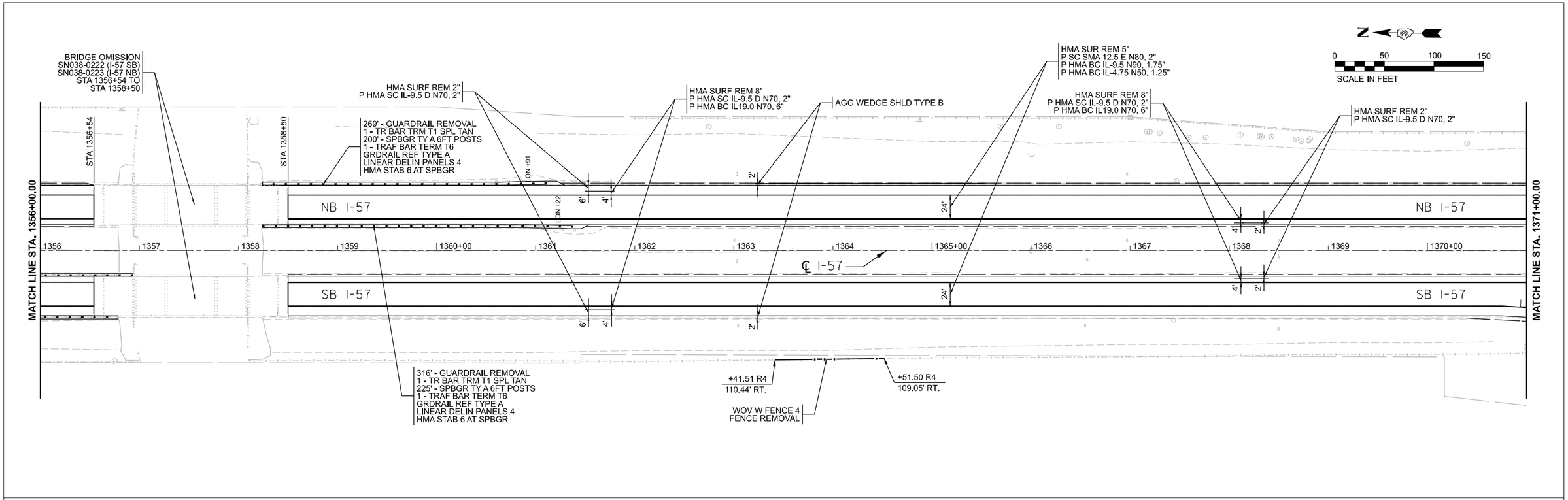
HANSON	USER NAME = hawki02095	DESIGNED - JAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN I-57
		DRAWN - JAM	REVISED -		
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	48
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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HANSON

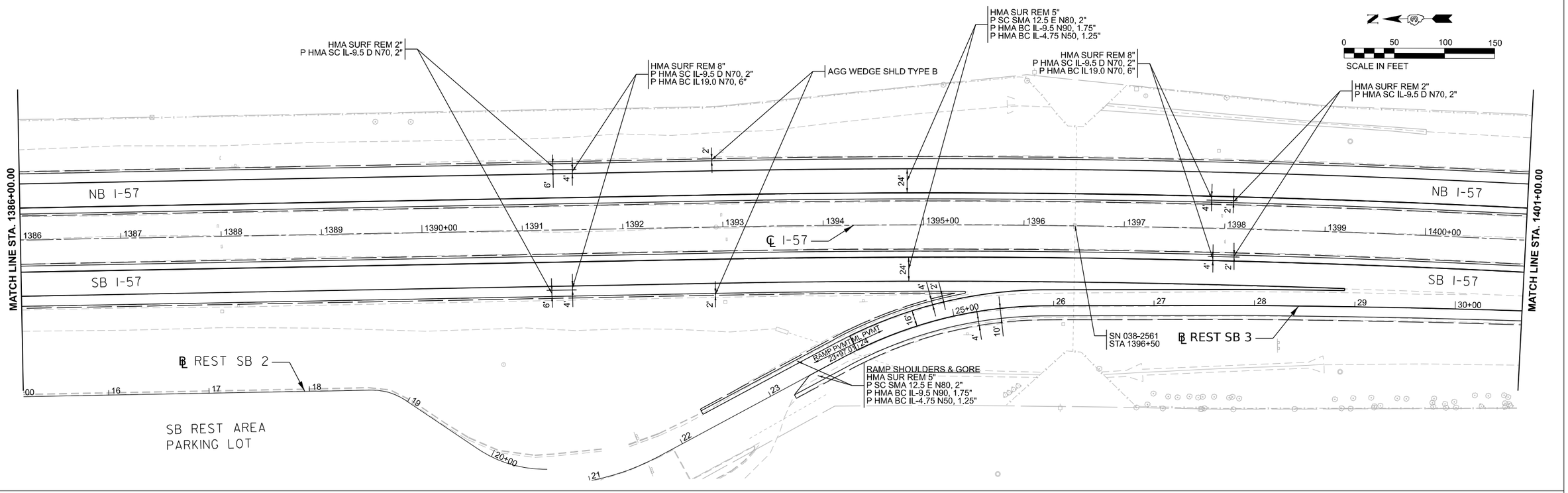
USER NAME = Petke00954	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/9/2025	DATE - 02/26/25	REVISED -	

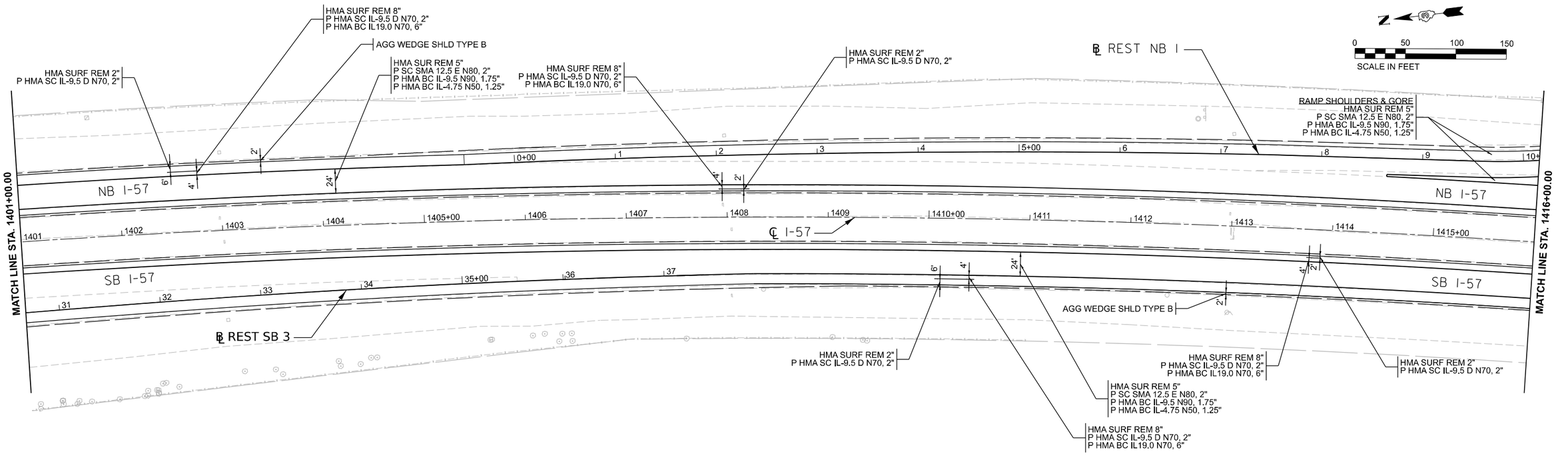
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	49
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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HANSON

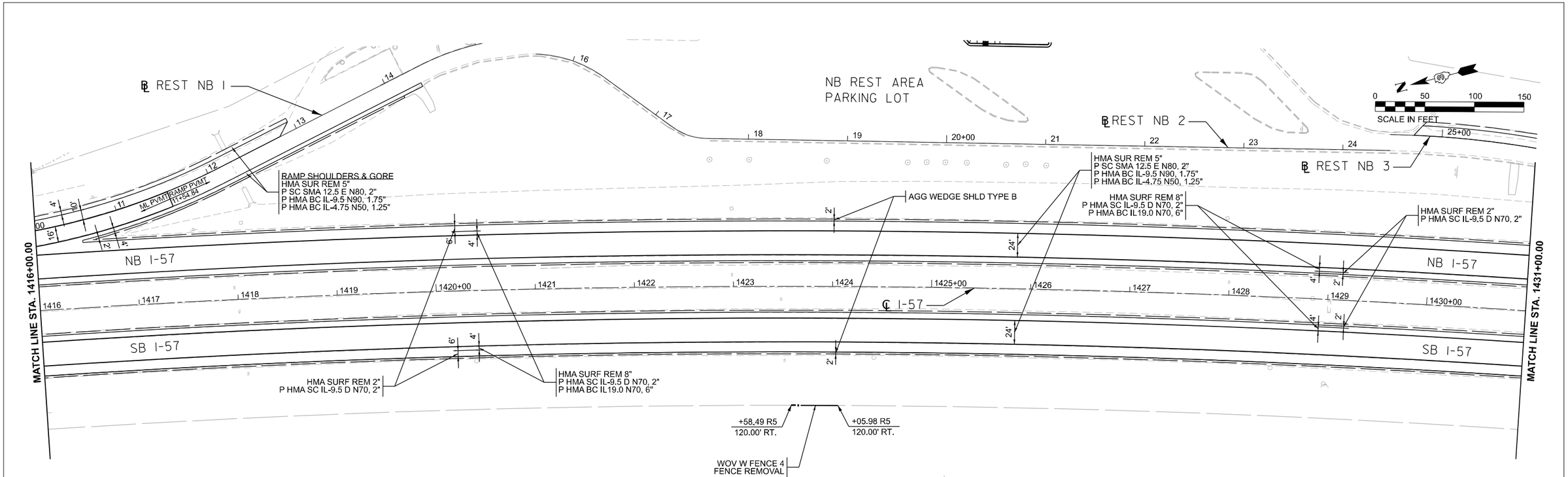
USER NAME = Petke00954	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	50
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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HANSON

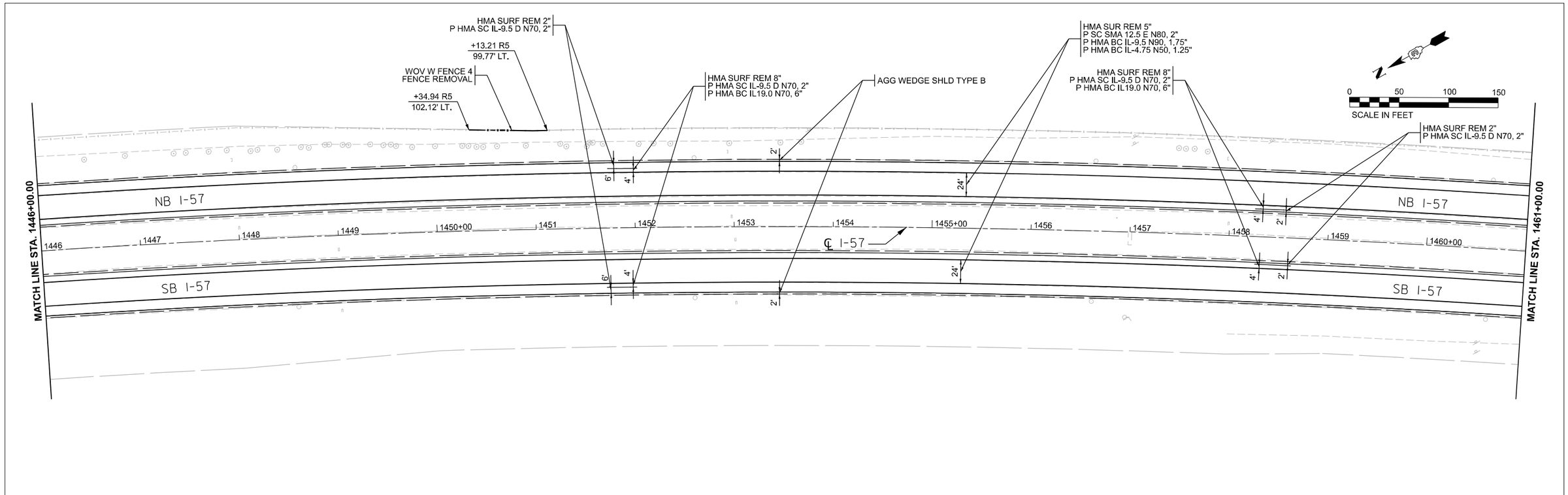
USER NAME = Petke00954	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/9/2025	DATE - 02/26/25	REVISED -	

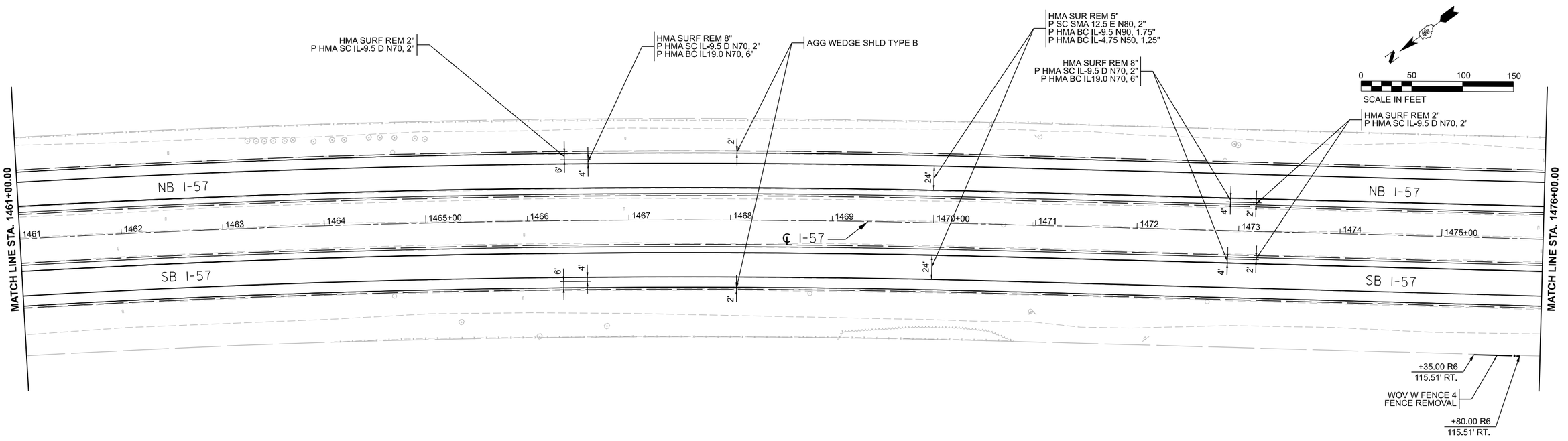
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	51
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-plan-001.dgn

HANSON

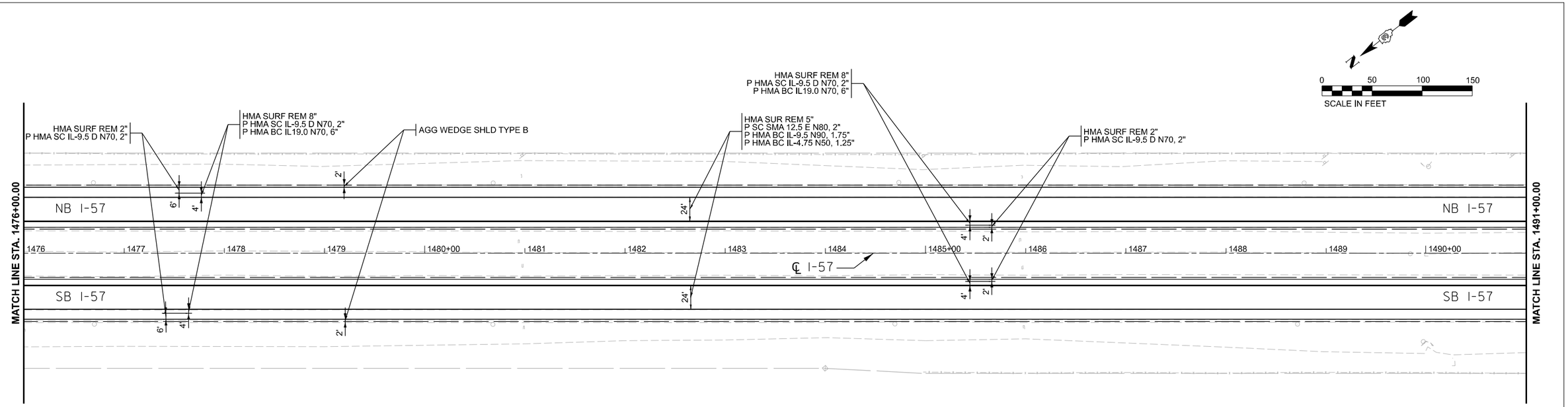
USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

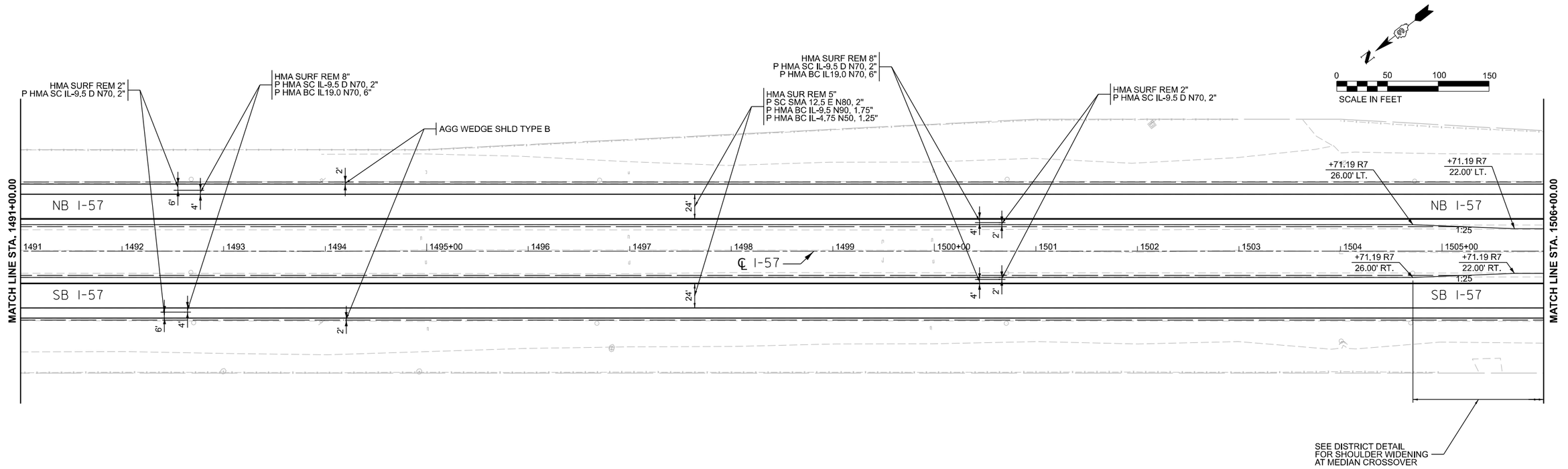
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	52
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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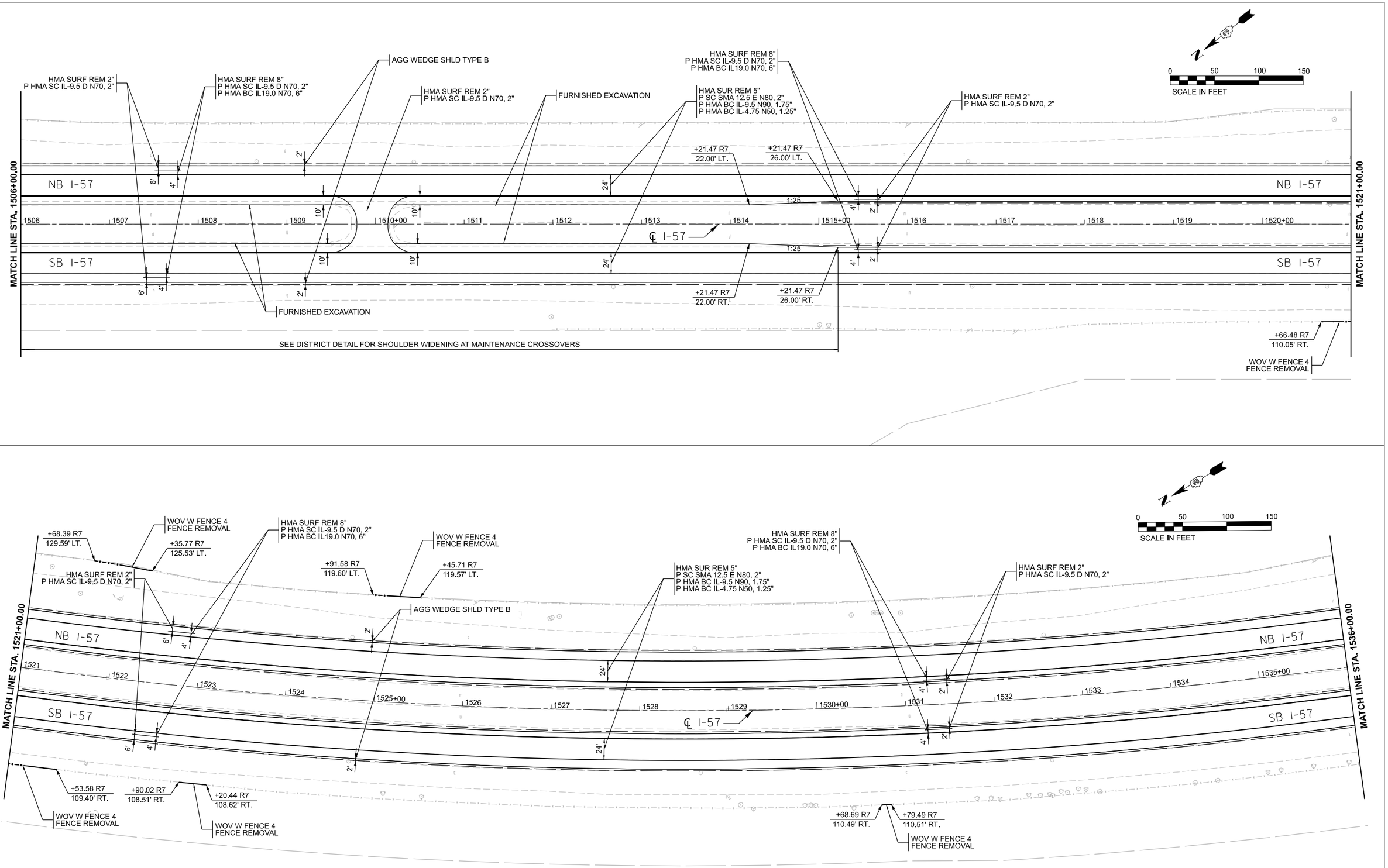
USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	53
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
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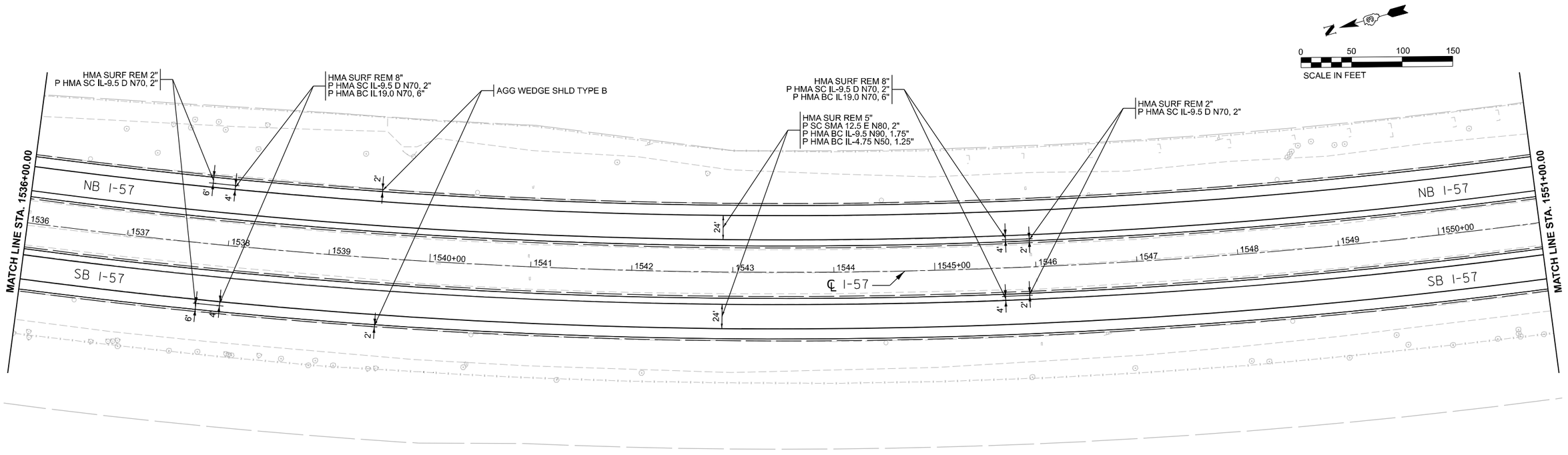
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

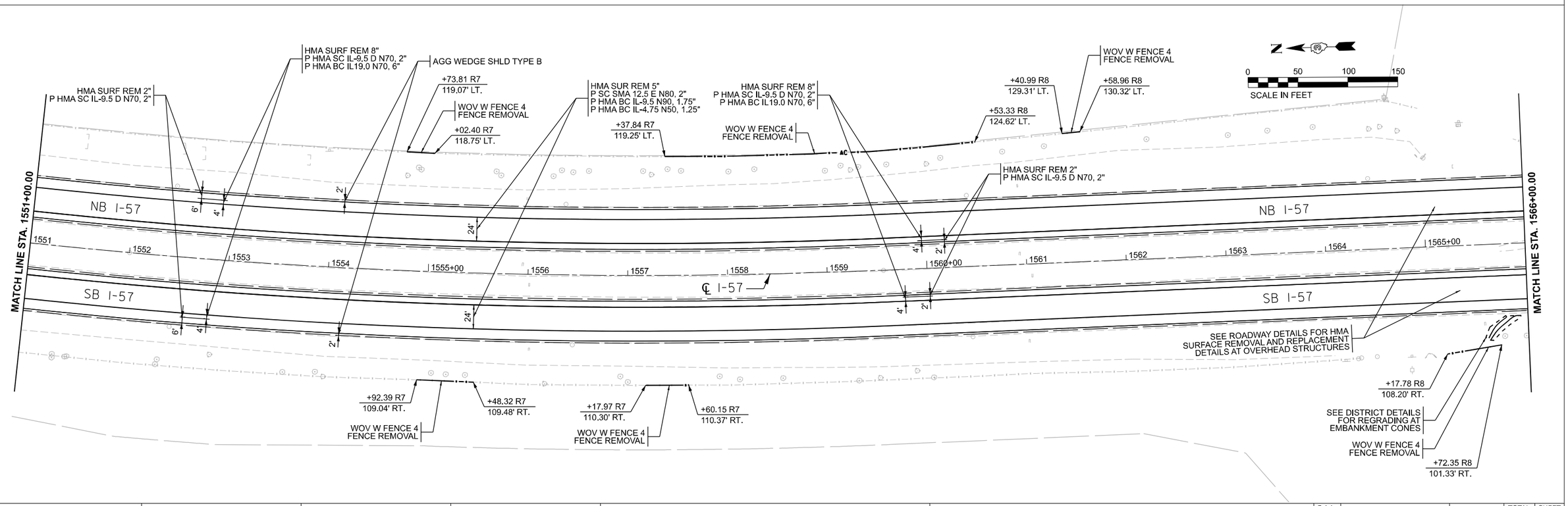
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	54
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
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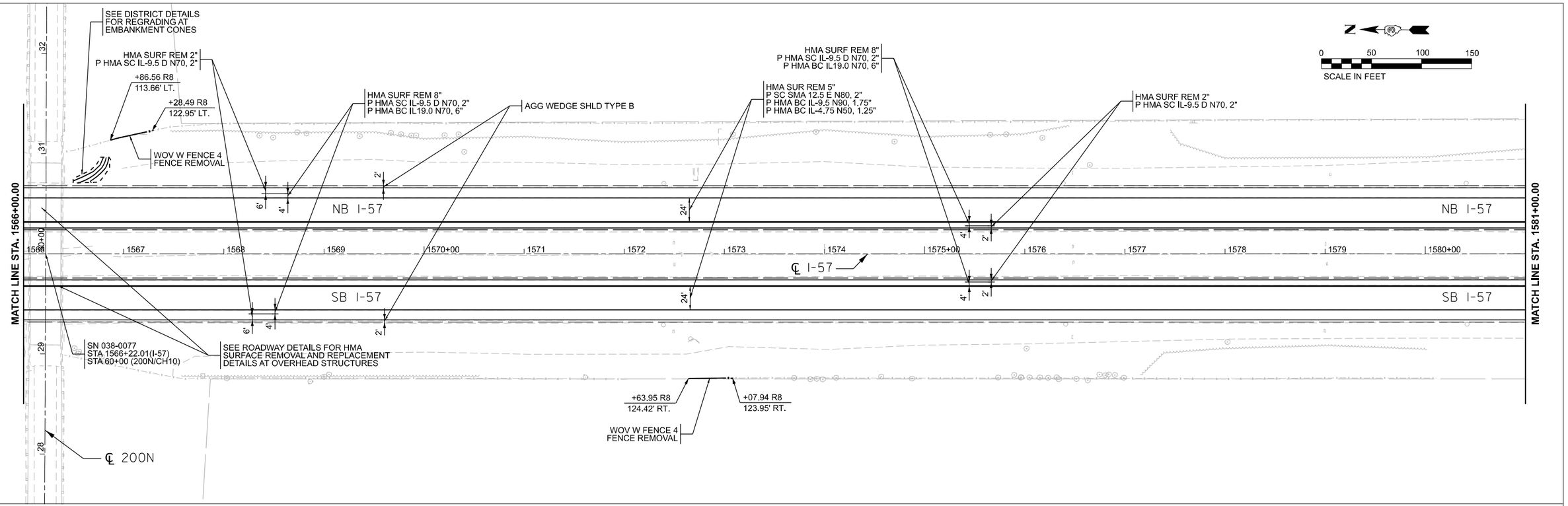
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	55
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
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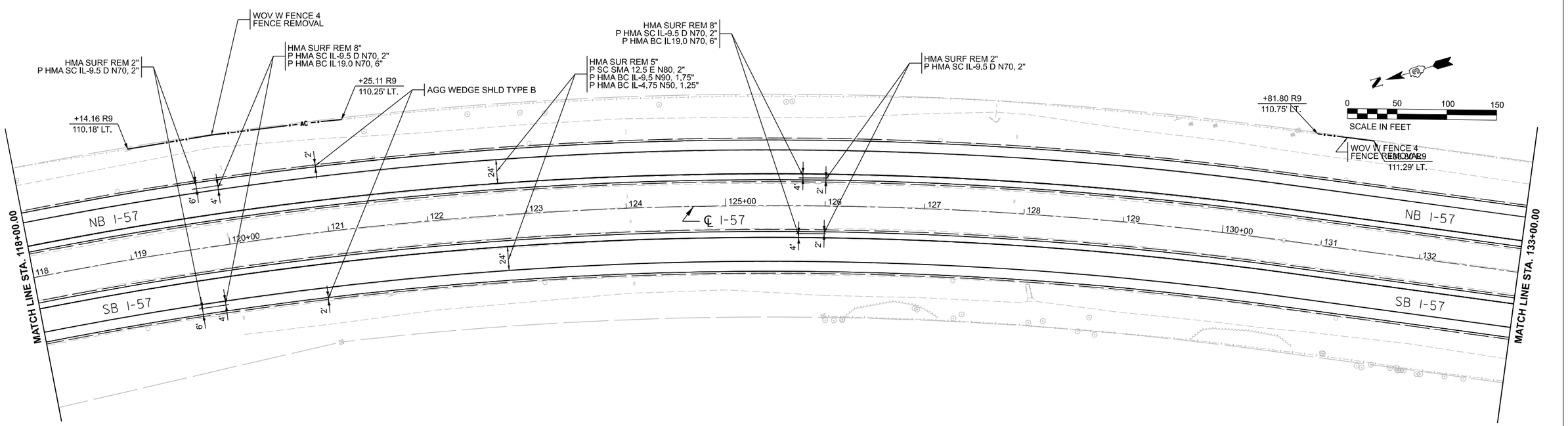
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

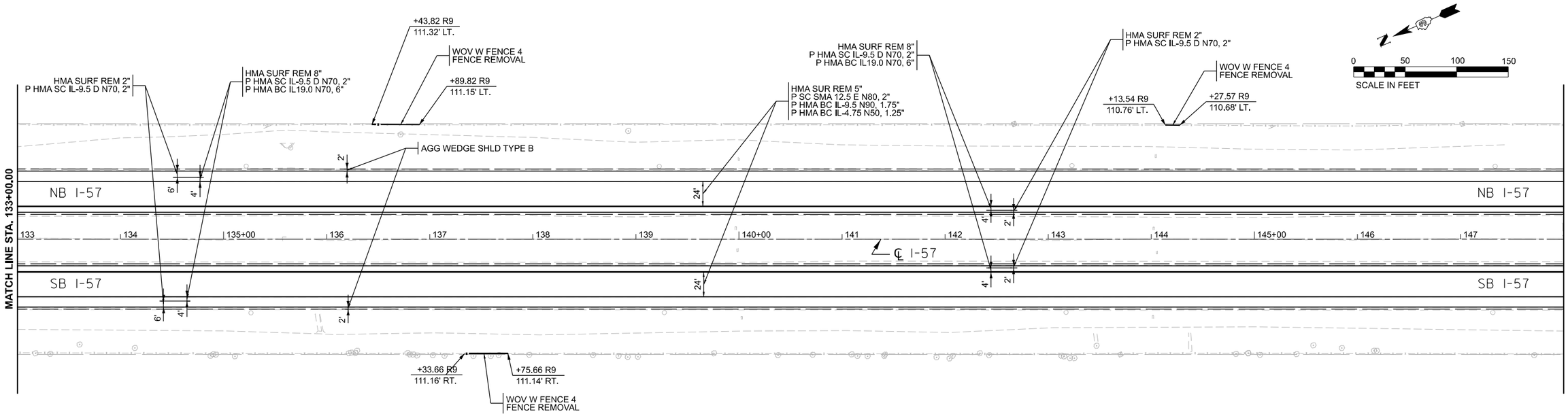
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	56
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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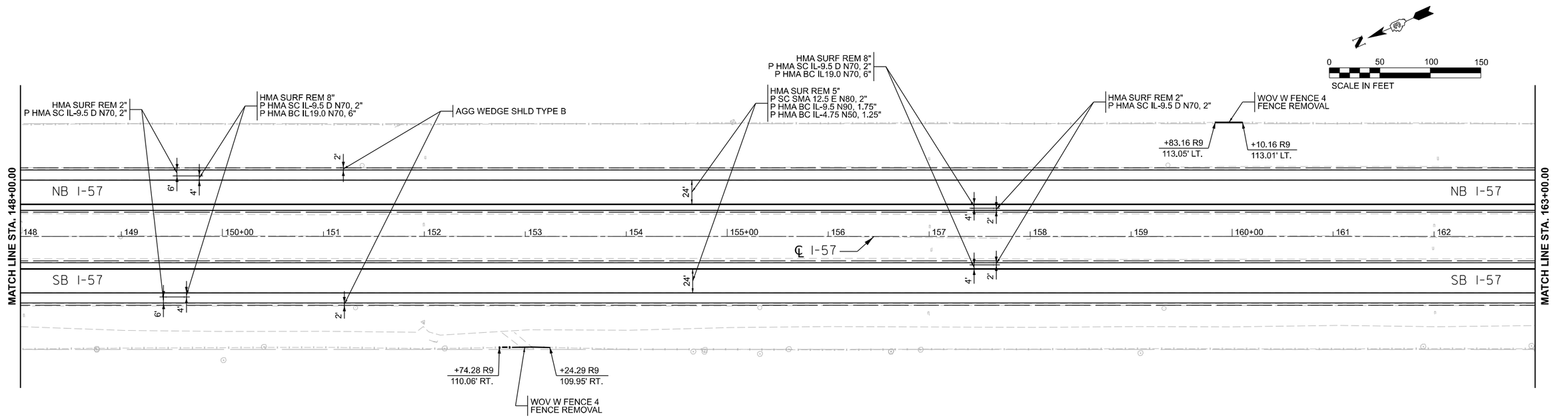
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -

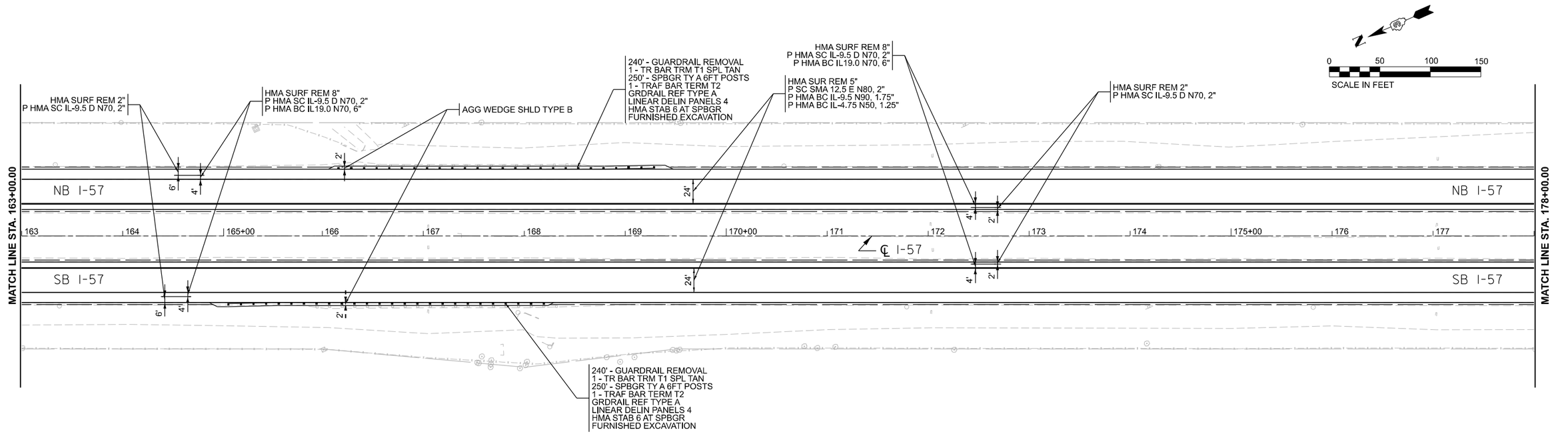
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	57
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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HANSON

USER NAME = hawki02095	DESIGNED - JAM	REVISED -			
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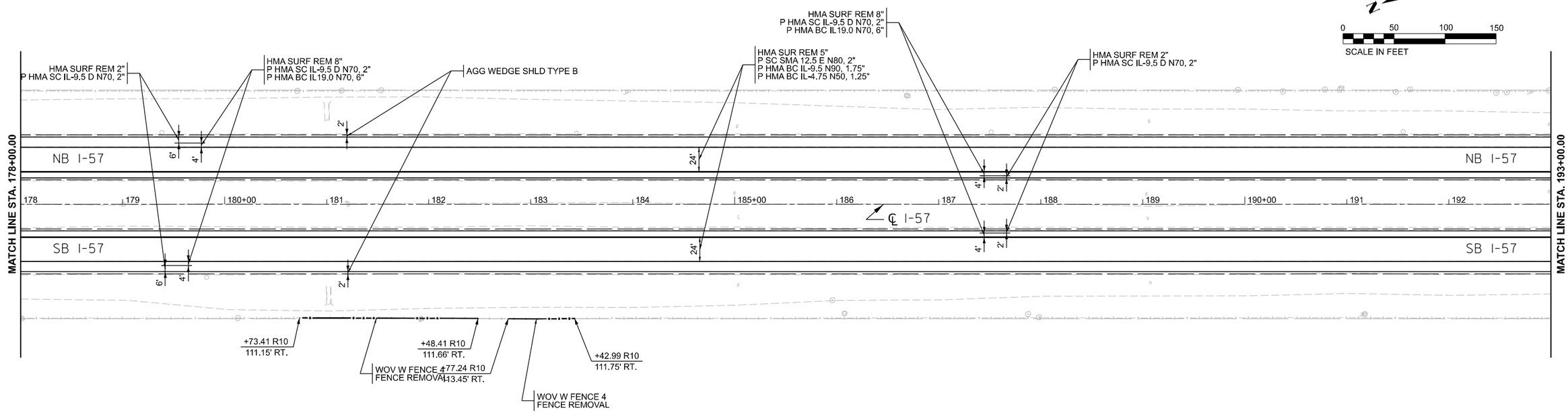
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

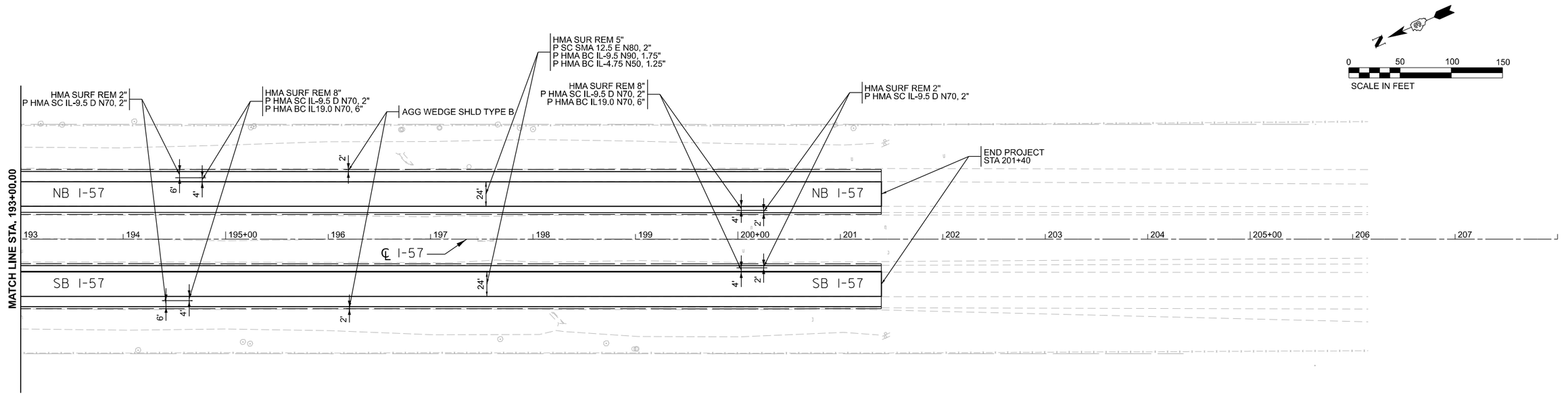
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	58
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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HANSON

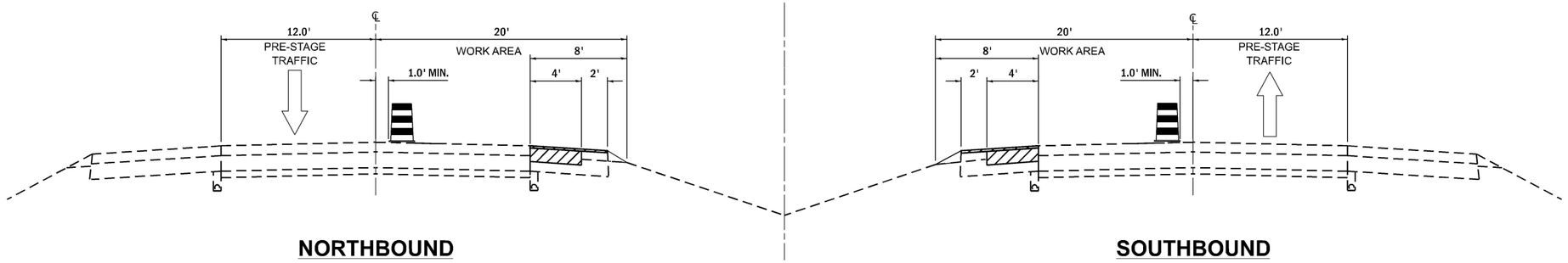
USER NAME = hawki02095	DESIGNED - JAM	REVISED -	
	DRAWN - JAM	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	59
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



PRE-STAGE

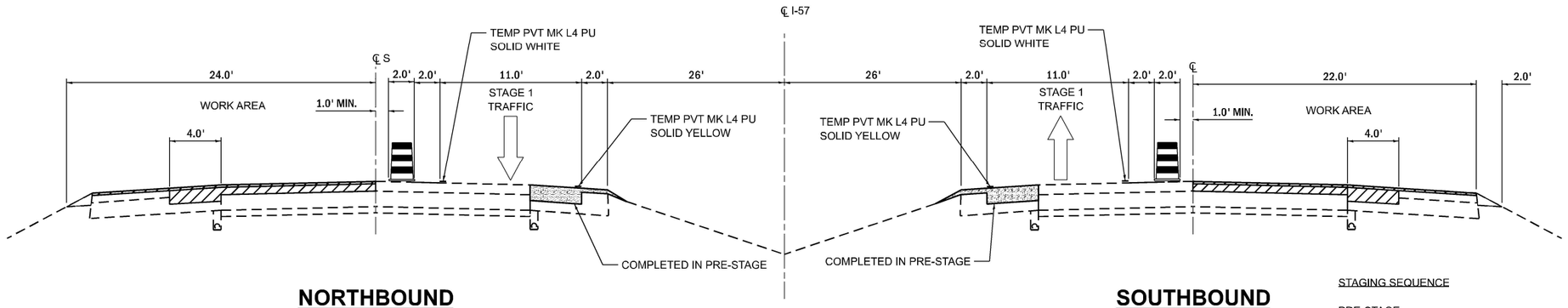
STA 1269+00 TO STA 201+40

BRIDGE OMISSIONS
STA 1356+54 TO STA 1358+50

OVERPASS OMISSIONS
(SEE ROADWAY PLANS AND ROADWAY DETAIL SHEETS)
STA 1282+07 TO STA 1282+37
STA 1442+17 TO STA 1442+39
STA 1566+05 TO STA 1566+39

NOTES
INSIDE AND OUTSIDE SHOULDER ARE TO BE PLACED AS FOLLOWS:

- 3" POLYMERIZED HMA BINDER COURSE, IL 19.0, N70,
- TACK COAT
- 3" POLYMERIZED HMA BINDER COURSE, IL 19.0, N70,
- TACK COAT
- HALF WIDTH LJS AT EOP JOINT
- 2" POLYMERIZED HMA SURFACE COURSE, IL 9.5, N70, MIX D



STAGES 1A & 1B

STA 1269+00 TO STA 201+40

BRIDGE OMISSIONS
STA 1356+54 TO STA 1358+50

OVERPASS OMISSIONS
(SEE ROADWAY PLANS AND ROADWAY DETAIL SHEETS)
STA 1282+07 TO STA 1282+37
STA 1442+17 TO STA 1442+39
STA 1566+05 TO STA 1566+39

STAGING SEQUENCE

PRE-STAGE
- UTILIZE IDOT STD 701401 TO RESURFACE INSIDE SHOULDERS IN BOTH DIRECTIONS, AND RESURFACE EXISTING MAINTENANCE CROSSOVER(S).

STAGE IA & IB
- UTILIZE IDOT STDS 701400 AND 701401 TO SHIFT TRAFFIC TO INSIDE LANES AND SHOULDERS, USING BARRELS, REMOVE ALL HMA IN THE OUTSIDE LANES AND PART OF THE SHOULDER. A TEMPORARY WEDGE MUST BE INSTALLED ALONG THE CENTERLINE TO MAINTAIN THE DROPOFF AS SPECIFIED IN TABLE 1, CONDITION 1 OF THE SAFETY POLICY 4-21.
- PLACE THE HMA BINDER IN THE DRIVING LANES AND PART OF THE SHOULDERS, MILL THE REMAINING HMA ON THE SHOULDERS.
- REFER TO TRAFFIC CONTROL WEAVE DETAIL
- SEE RAMP TYPICALS FOR STAGE 1A & 1B

STAGE II
- UTILIZE IDOT STDS 701400 AND 701401 TO SHIFT TRAFFIC TO OUTSIDE LANES AND REMOVE THE HMA IN THE INSIDE LANE, REMOVE TOP LIFT OF SHOULDERS, PLACE HMA BINDER AND SURFACE IN THE INSIDE LANES, PLACE TOP LIFT OF HMA SHOULDERS TO FINAL GRADE.
- REFER TO TRAFFIC CONTROL WEAVE DETAIL

STAGE III
- SWITCH TRAFFIC BACK TO THE INSIDE LANES AND PLACE THE HMA SURFACE IN THE OUTSIDE LANES AND SHOULDERS TO FINAL GRADE.

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PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	60
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

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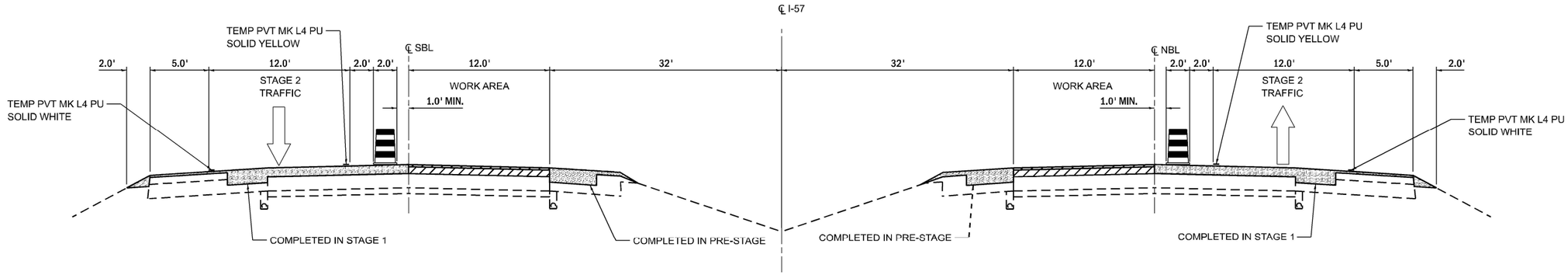

NORTHBOUND

STAGE 2

STA 1269+00 TO STA 201+40

BRIDGE OMISSIONS
STA 1356+54 TO STA 1358+50

OVERPASS OMISSIONS
(SEE ROADWAY PLANS AND ROADWAY DETAIL SHEETS)
STA 1282+07 TO STA 1282+37
STA 1442+17 TO STA 1442+39
STA 1566+05 TO STA 1566+39

SOUTHBOUND

MOVING OPERATIONS ONLY
SEE STAGE III NOTES

STAGE 3

STA 1269+00 TO STA 201+40

BRIDGE OMISSIONS
STA 1356+54 TO STA 1358+50

OVERPASS OMISSIONS
(SEE ROADWAY PLANS AND ROADWAY DETAIL SHEETS)
STA 1282+07 TO STA 1282+37
STA 1442+17 TO STA 1442+39
STA 1566+05 TO STA 1566+39

STAGING SEQUENCE

PRE-STAGE
- UTILIZE IDOT STD 701401 TO RESURFACE INSIDE SHOULDERS IN BOTH DIRECTIONS, AND RESURFACE EXISTING MAINTENANCE CROSSOVER(S).

STAGE 1A & 1B- UTILIZE IDOT STDS 701400 AND 701401 TO SHIFT TRAFFIC TO INSIDE LANES AND SHOULDERS, USING BARRELS, REMOVE ALL HMA IN THE OUTSIDE LANES AND PART OF THE SHOULDER. A TEMPORARY WEDGE MUST BE INSTALLED ALONG THE CENTERLINE TO MAINTAIN THE DROPOFF AS SPECIFIED IN TABLE 1, CONDITION 1 OF THE SAFETY POLICY 4-21.
- PLACE THE HMA BINDER IN THE DRIVING LANES AND PART OF THE SHOULDERS, MILL THE REMAINING HMA ON THE SHOULDERS.
- REFER TO TRAFFIC CONTROL WEAVE DETAIL

STAGE II
- UTILIZE IDOT STDS 701400 AND 701401 TO SHIFT TRAFFIC TO OUTSIDE LANES AND REMOVE THE HMA IN THE INSIDE LANE, REMOVE TOP LIFT OF SHOULDERS, PLACE HMA BINDER AND SURFACE IN THE INSIDE LANES, PLACE TOP LIFT OF HMA SHOULDERS TO FINAL GRADE.
- REFER TO TRAFFIC CONTROL WEAVE DETAIL

STAGE III
- DAYTIME CLOSURES FOR FINAL STRIPING

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20-1000581

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	61
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

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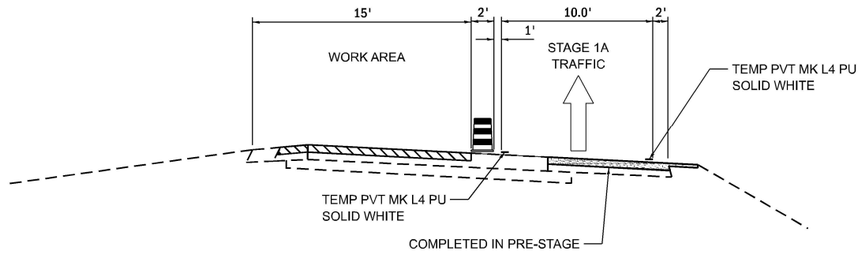
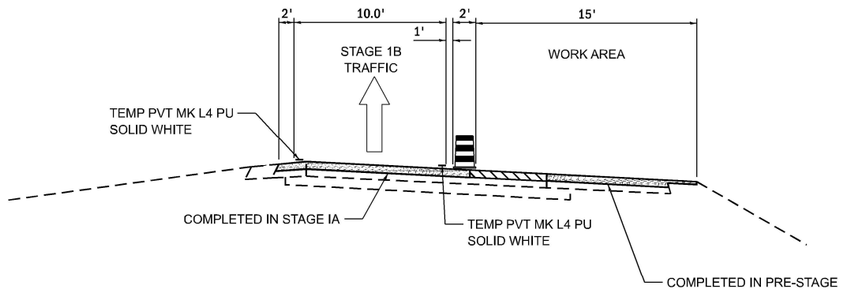


STAGE 1A

STA 24+47 TO STA 28+04 (EXIT TO NB REST AREA)
STA 11+55 TO STA 15+61 (ENTRANCE FROM NB REST AREA)
STA 7+45 TO STA 11+71 (EXIT TO SB REST AREA)
STA 20+57 TO STA 23+97 (ENTRANCE FROM SB REST AREA)



STAGE 1B

STA 24+47 TO STA 28+04 (EXIT TO NB REST AREA)
STA 11+55 TO STA 15+61 (ENTRANCE FROM NB REST AREA)
STA 7+45 TO STA 11+71 (EXIT TO SB REST AREA)
STA 20+57 TO STA 23+97 (ENTRANCE FROM SB REST AREA)

STAGING SEQUENCE

PRE-STAGE
- UTILIZE IDOT STD 701401 TO IMPROVE OUTSIDE SHOULDERS.
- UTILIZE IDOT STD 701456 FOR PARTIAL RAMP CLOSURE ADVANCE SIGNING.

STAGE IA
- UTILIZE IDOT STD 701456 TO SHIFT TRAFIC TO OUTSIDE 10' OF LANE AND SHOULDERS, USING BARRELS, REMOVE ALL HMA IN THE OUTSIDE LANES AND PART OF THE SHOULDER.

STAGE IB
- UTILIZE IDOT STD 701456 TO SHIFT TRAFFIC TO INSIDE 10' OF LANE AND SHOULDER REMOVE THE HMA IN THE OUTSIDE 15' OF LANE PLACE HMA BINDER AND SURFACE IN THE OUTSIDE 15' OF LANE AND SHOULDERS TO FINAL GRADE.

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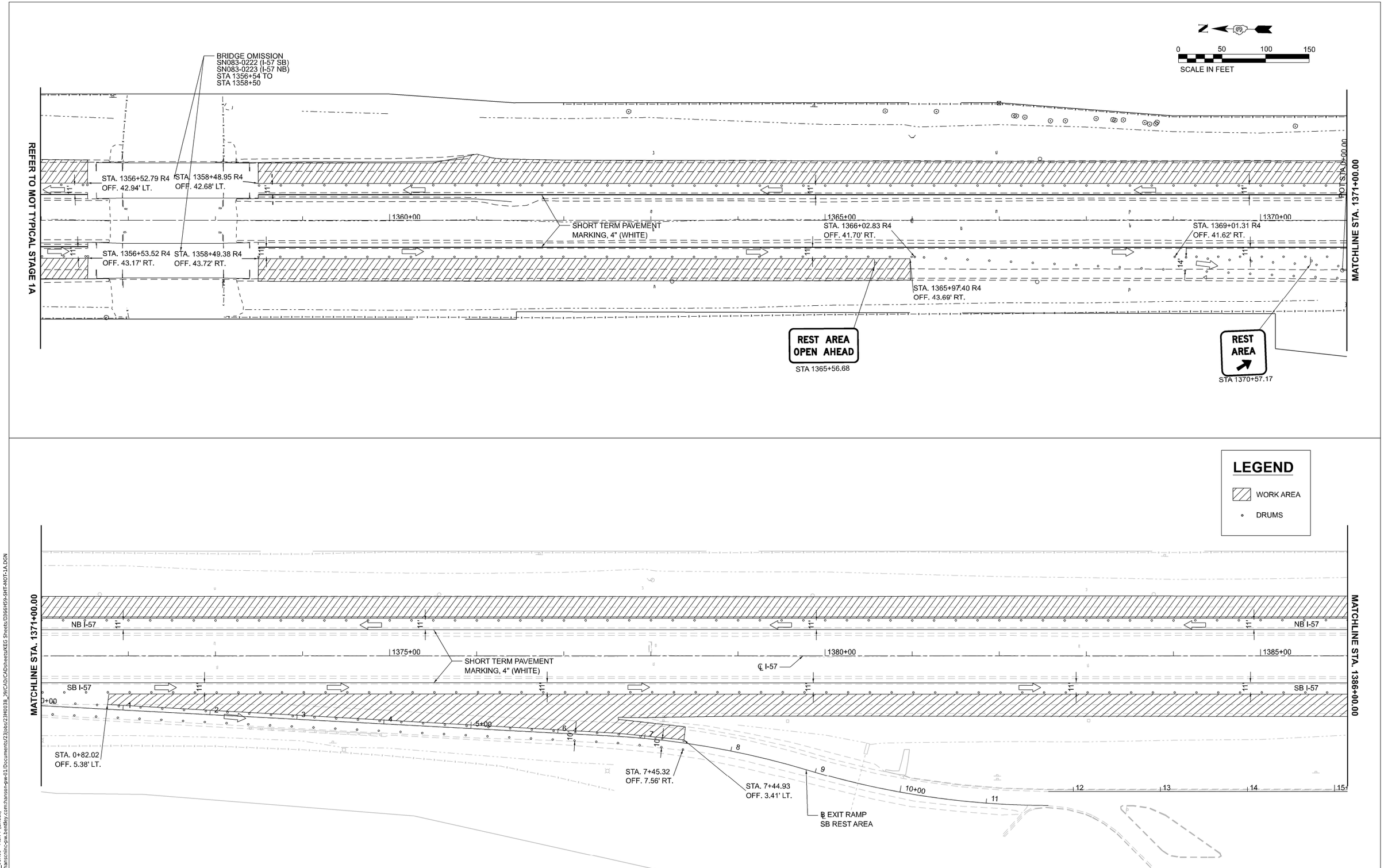
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	62
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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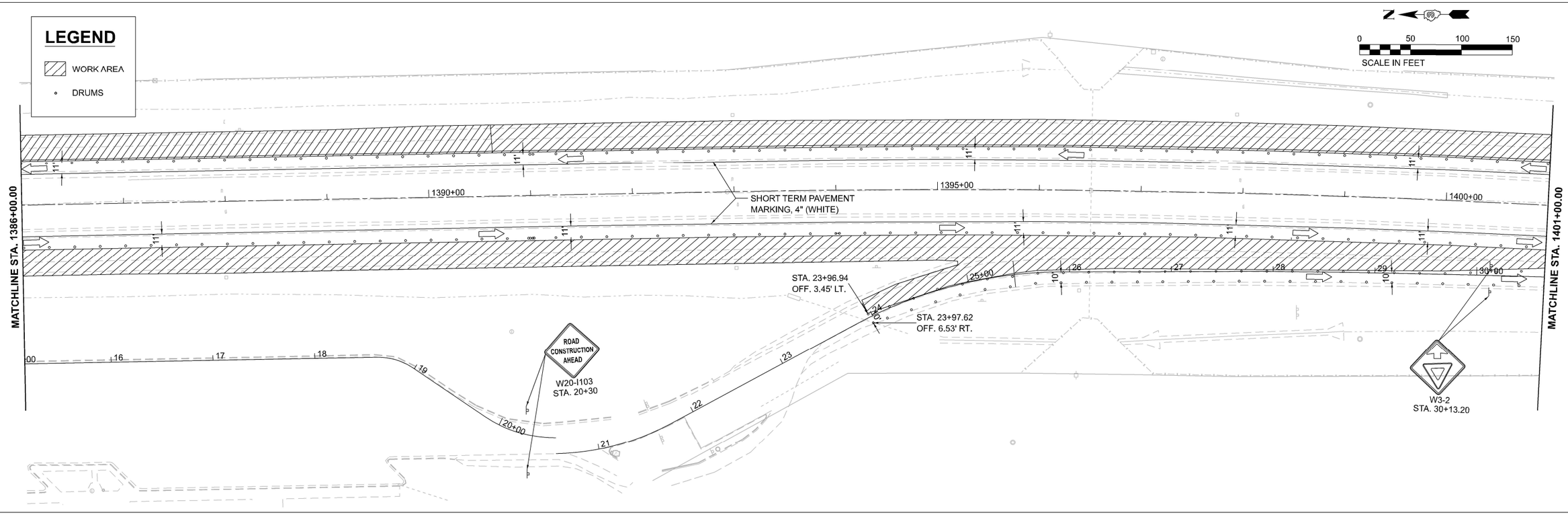
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

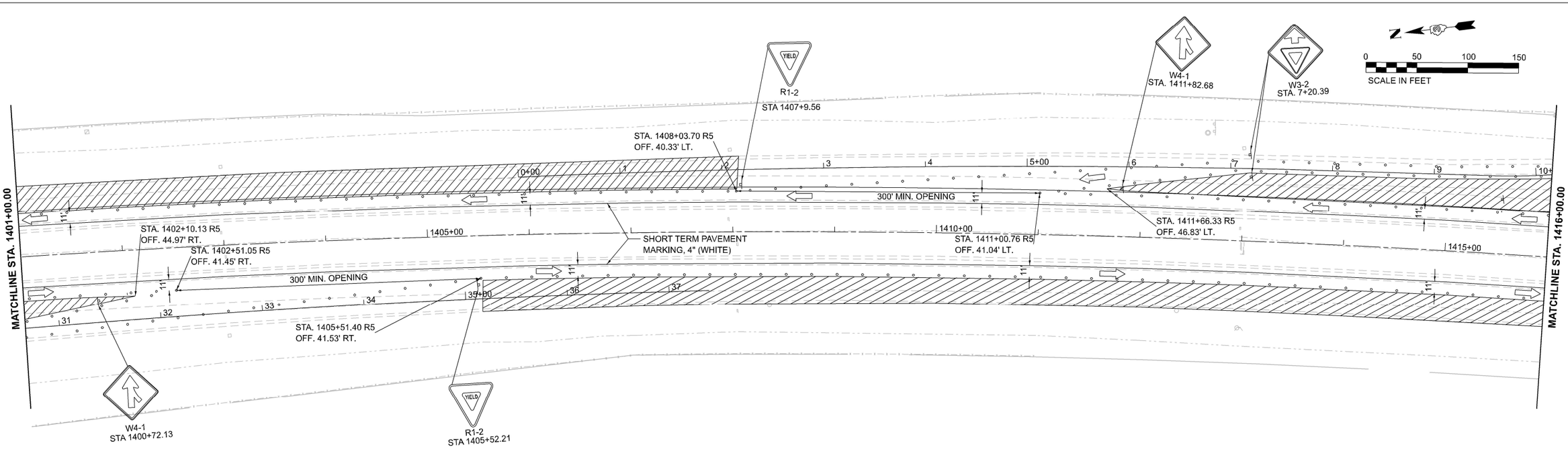
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1A

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	63
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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	DRAWN - KP	REVISED -	**DEPARTMENT OF TRANSPORTATION**	STAGE 1A	
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PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 66H59		
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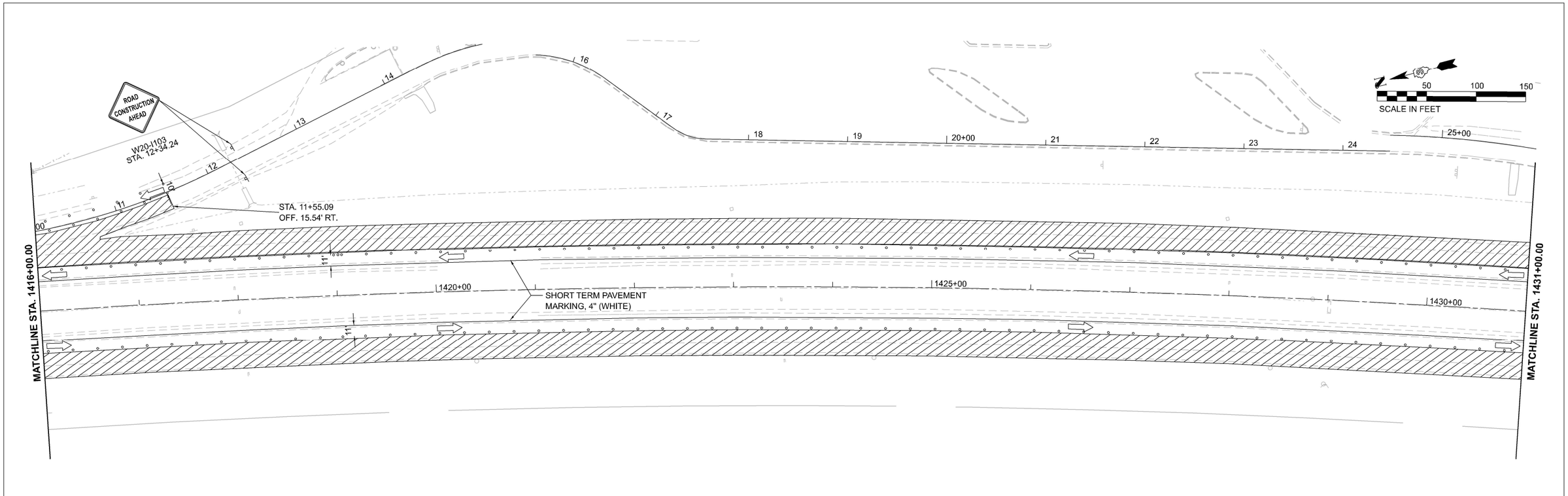

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1A

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	65
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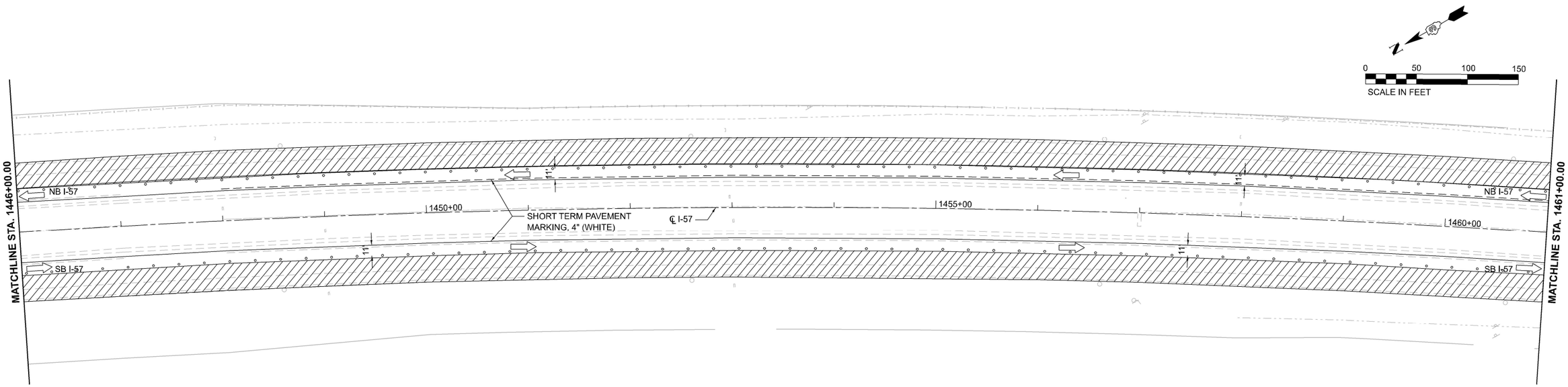

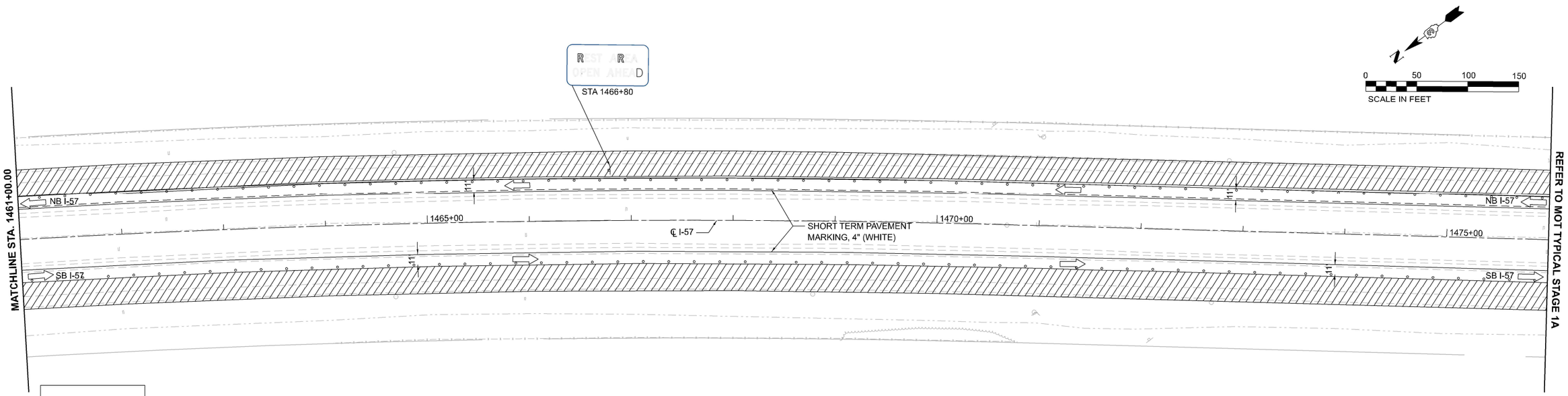

LEGEND

WORK AREA

DRUMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1A

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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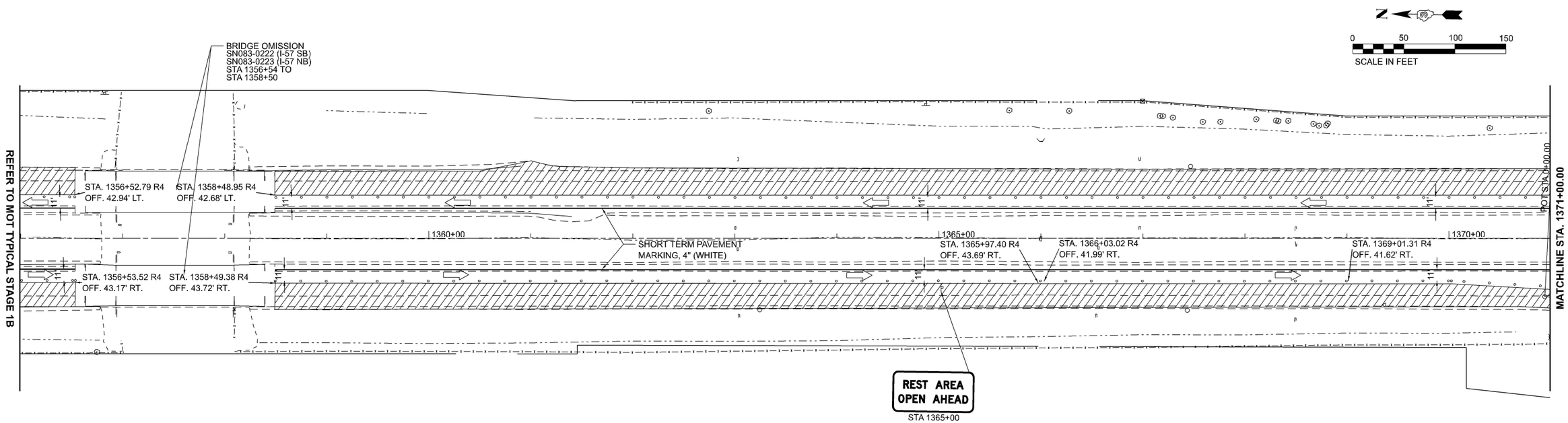

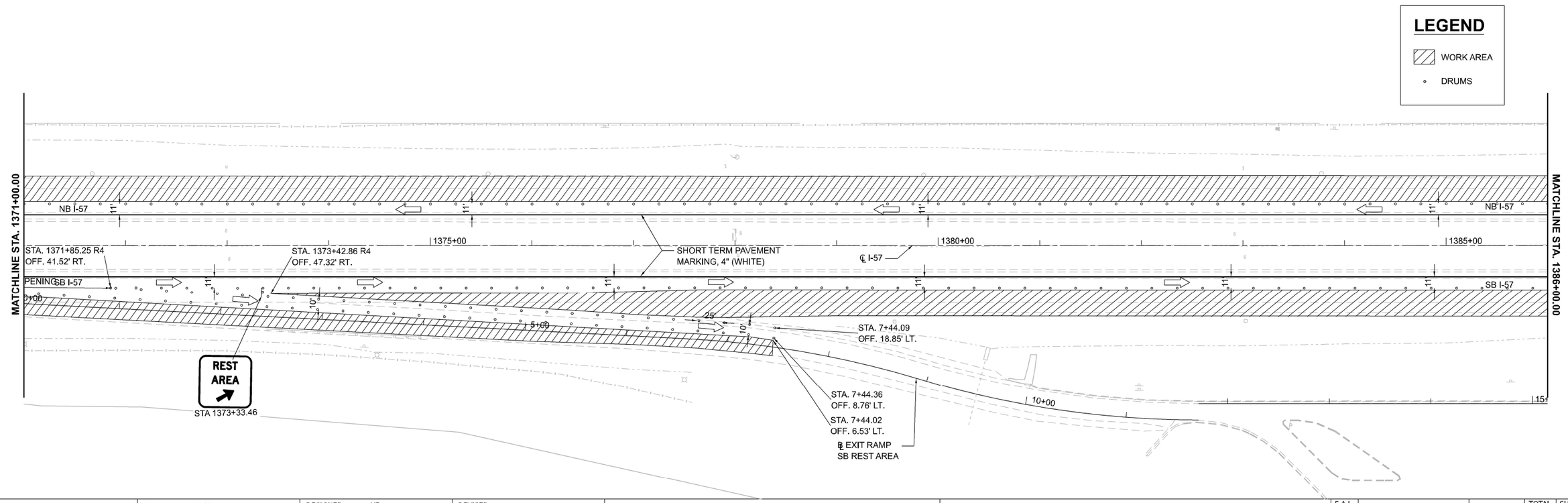

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1B

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	67
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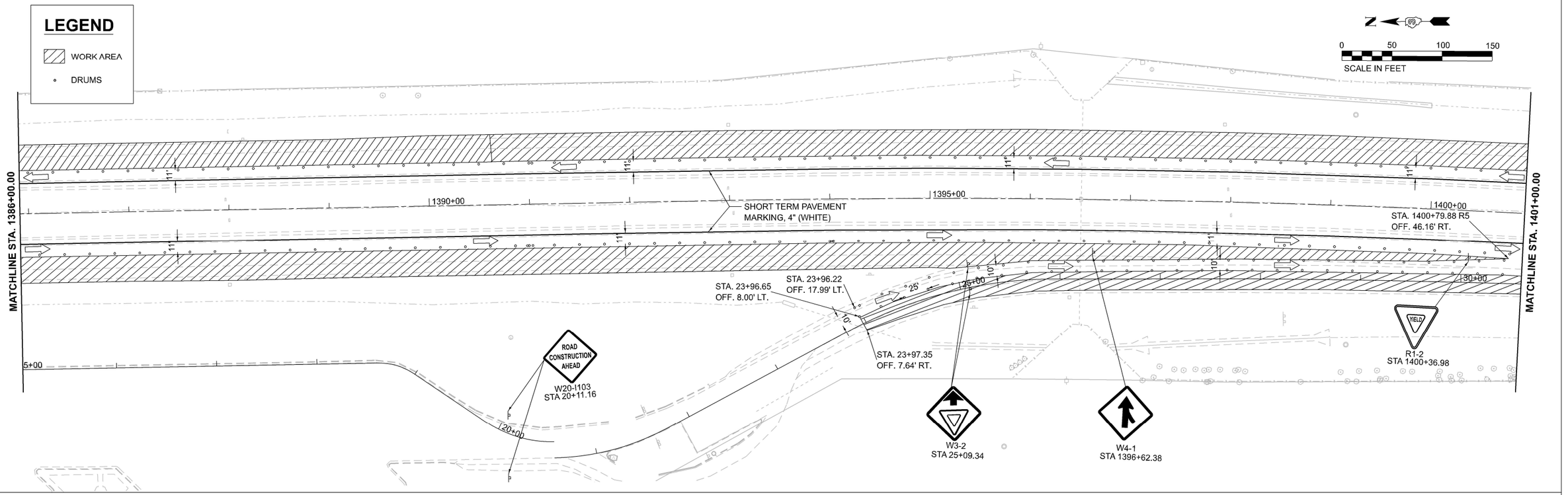
		ILLINOIS	FED. AID PROJECT	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1B

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	68
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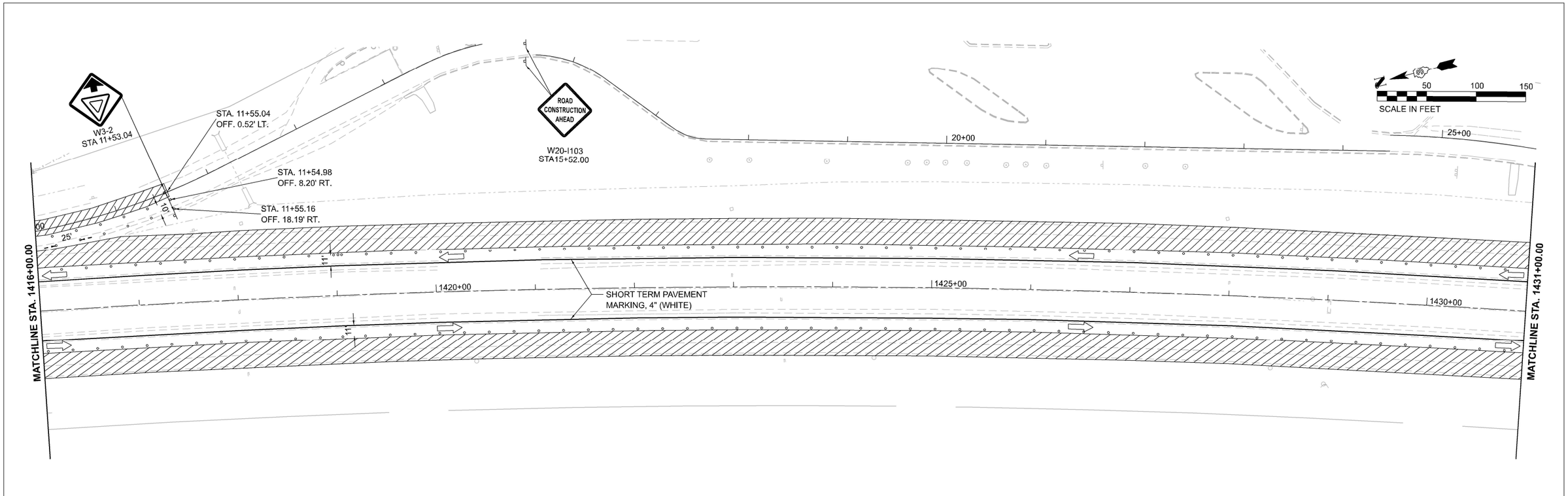

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1B

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	69
		CONTRACT NO. 66H59		
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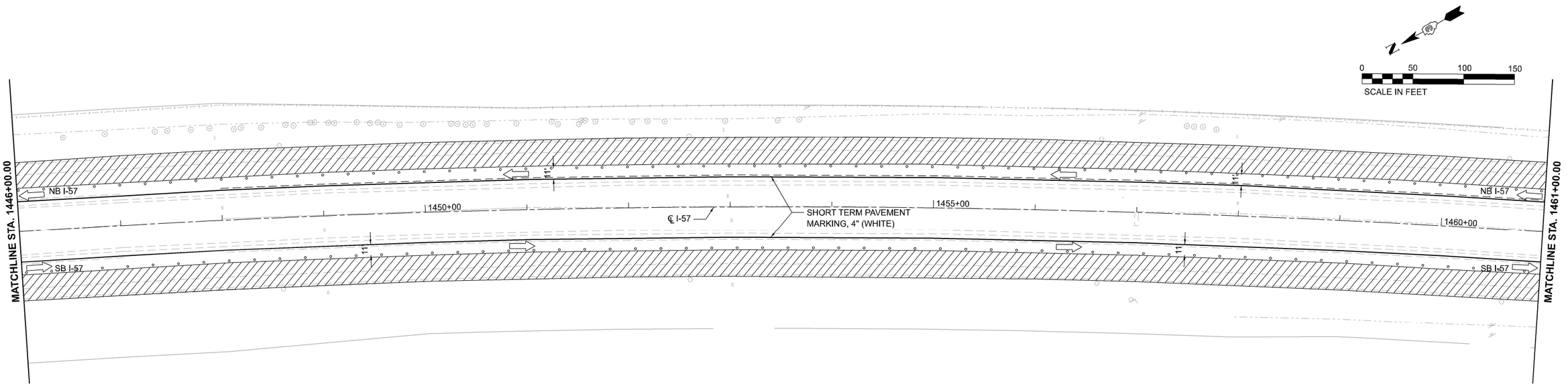

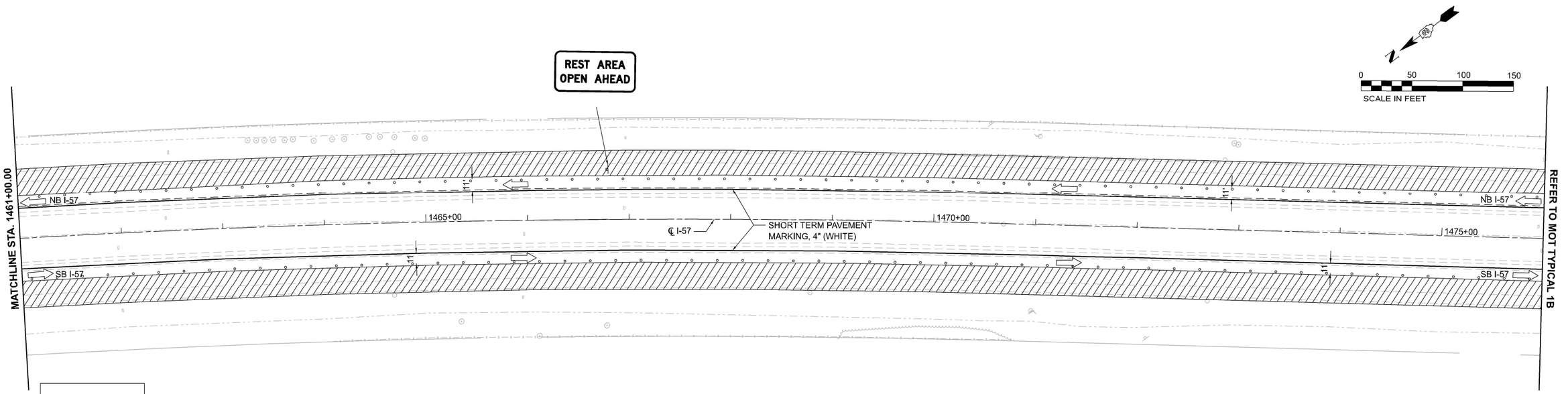

LEGEND

- WORK AREA
- DRUMS

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		DRAWN	- KP	REVISED	-
PLOT SCALE	= 0.16666633 ' / In.	CHECKED	- RJB	REVISED	-
PLOT DATE	= 3/7/2025	DATE	- 02/26/25	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
STAGE 1B

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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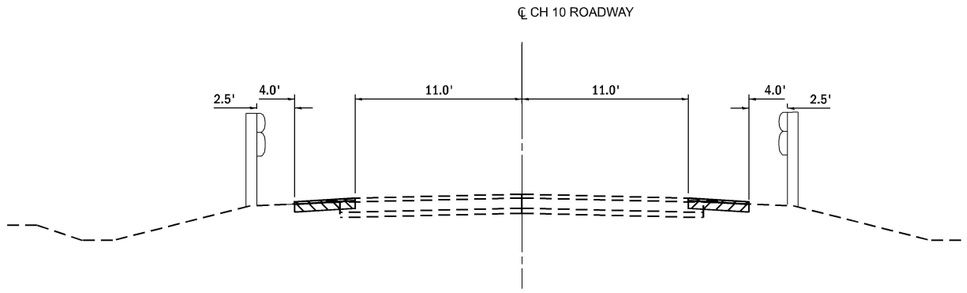
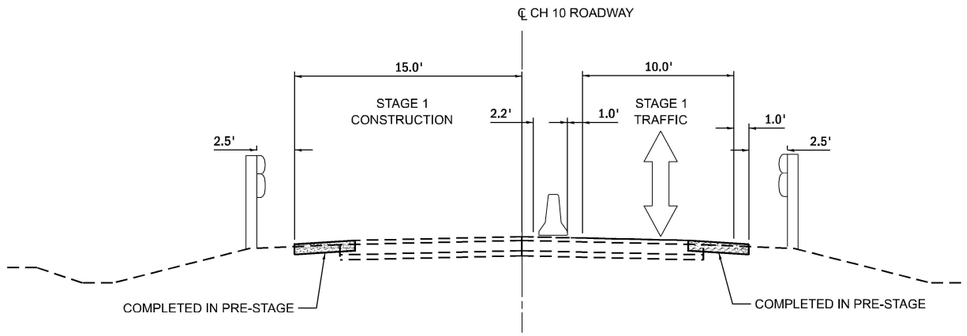


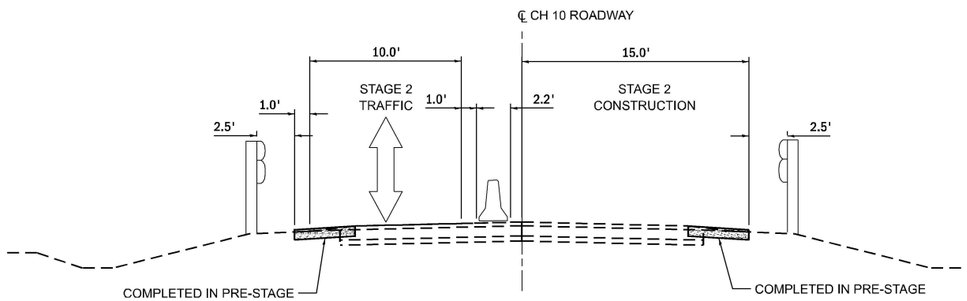
PRE-STAGE

STA 27+34 TO STA 28+88
STA 31+12 TO STA 32+66



STAGE 1

STA 27+34 TO STA 28+88
STA 31+12 TO STA 32+66



STAGE 2

STA 27+34 TO STA 28+88
STA 31+12 TO STA 32+66

STAGING SEQUENCE

PRE-STAGE
- UTILIZE IDOT STD 701326 TO IMPROVE SHOULDERS.

STAGE 1
- UTILIZE IDOT STD 701321 TO SHIFT TRAFFIC TO SOUTH SIDE OF ROADWAY TO PREFORM BRIDGE REPAIRS WITHIN LIMITS OF STAGE 1 CONSTRUCTION.

STAGE 2
- UTILIZE IDOT STD 701321 TO SHIFT TRAFFIC TO NORTH SIDE OF ROADWAY TO PREFORM BRIDGE REPAIRS WITHIN LIMITS OF STAGE 2 CONSTRUCTION.

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LICENSE NO.
EXPIRATION
184.006752
2025
280.000350
2026

USER NAME = hawki02095	DESIGNED - KP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL TYPICAL SECTIONS	
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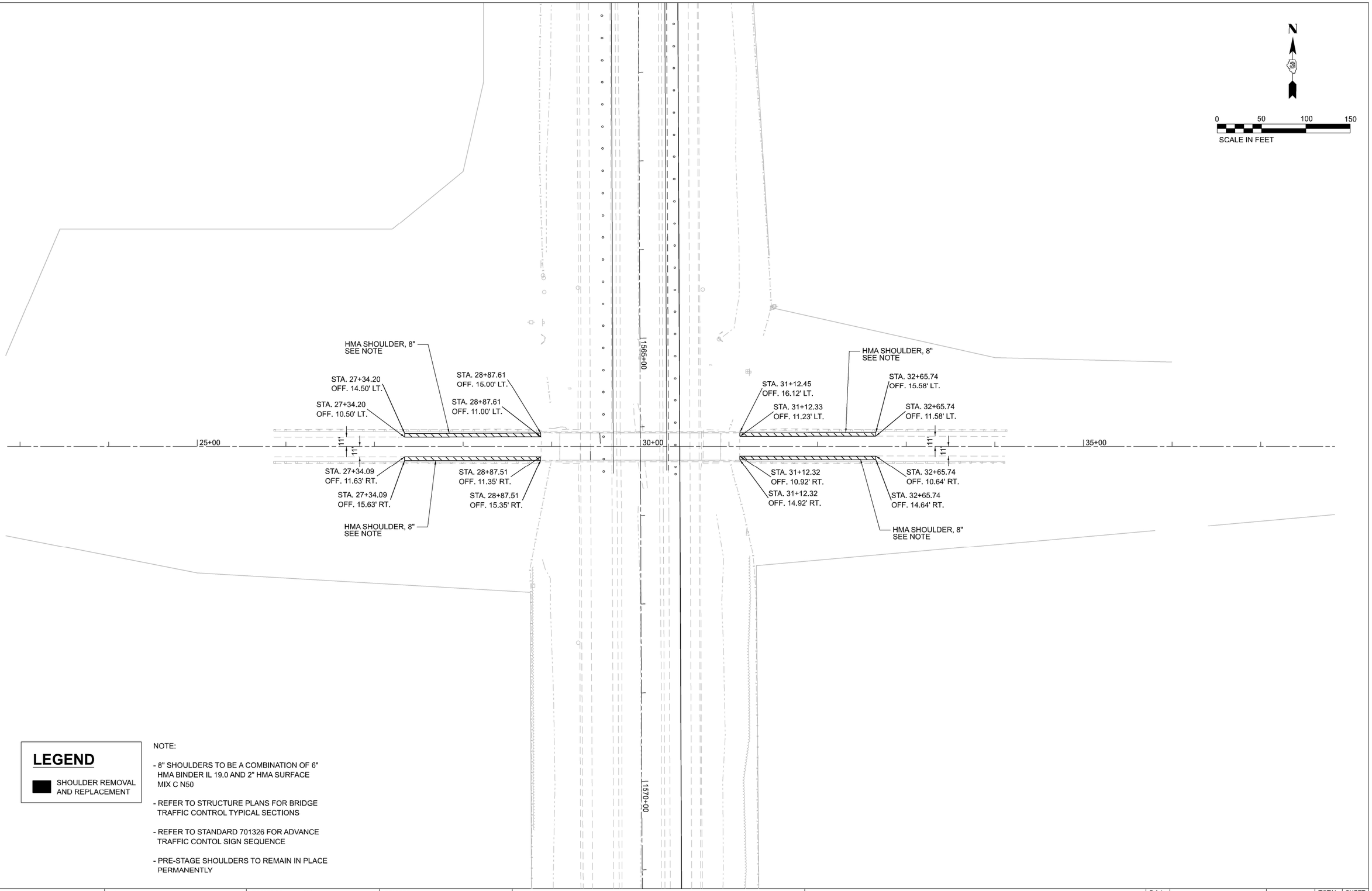
PLOT SCALE = 10.000 ' / in.	CHECKED - RJB	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	71
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



LEGEND

SHOULDER REMOVAL AND REPLACEMENT

NOTE:

- 8" SHOULDERS TO BE A COMBINATION OF 6" HMA BINDER IL 19.0 AND 2" HMA SURFACE MIX C N50
- REFER TO STRUCTURE PLANS FOR BRIDGE TRAFFIC CONTROL TYPICAL SECTIONS
- REFER TO STANDARD 701326 FOR ADVANCE TRAFFIC CONTOL SIGN SEQUENCE
- PRE-STAGE SHOULDERS TO REMAIN IN PLACE PERMANENTLY

MODEL: EXCL_200N-EXCL_I57_66H59 CR BRIDGE PRESTAGE-1 [Sheet]
FILE NAME: pw://hanscrinc-pw.bentley.com:hanson-pw-02/Documents/23jobs/23H0038_29/CAD/CADsheets/KEG Sheets/D366H59-SHT-MOT-1A.DGN

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184.005772
20-3888584

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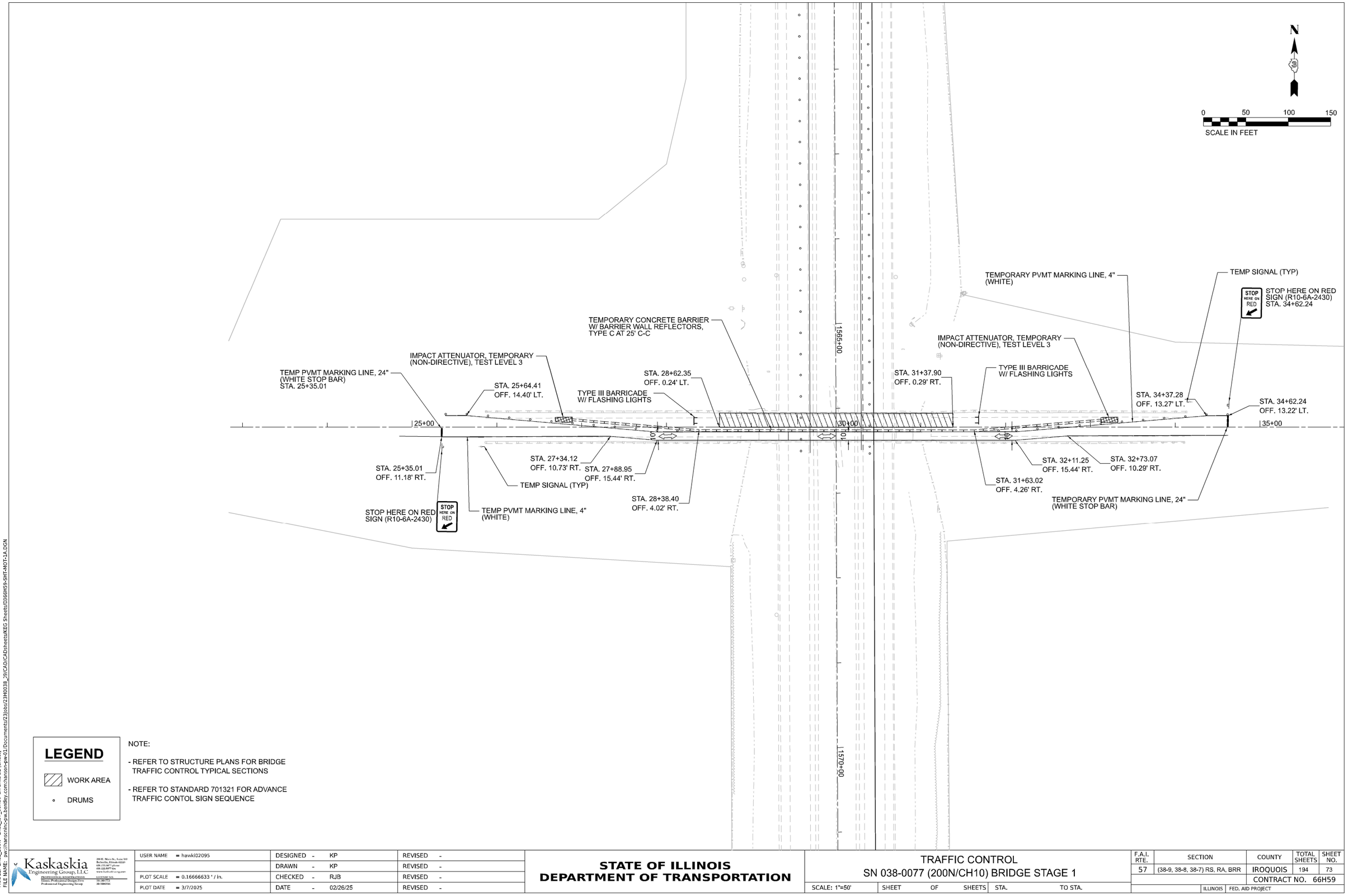
	DRAWN - KP	REVISED -	
PLOT SCALE = 0.16666633 ' / In.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
SN 038-0077 (200N/CH10) BRIDGE PRESTAGE

SCALE: 1"=50' | SHEET OF SHEETS | STA. 22+83.97 | TO STA. 37+83.97

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	72
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



LEGEND

WORK AREA

DRUMS

NOTE:

- REFER TO STRUCTURE PLANS FOR BRIDGE TRAFFIC CONTROL TYPICAL SECTIONS
- REFER TO STANDARD 701321 FOR ADVANCE TRAFFIC CONTOL SIGN SEQUENCE

MODEL: EXCL_200N - EXCL_I57_66H59 CR BRIDGE [Sheet]
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184.003752
20-5800556

USER NAME = hawki02095	DESIGNED - KP	REVISED -	
	DRAWN - KP	REVISED -	
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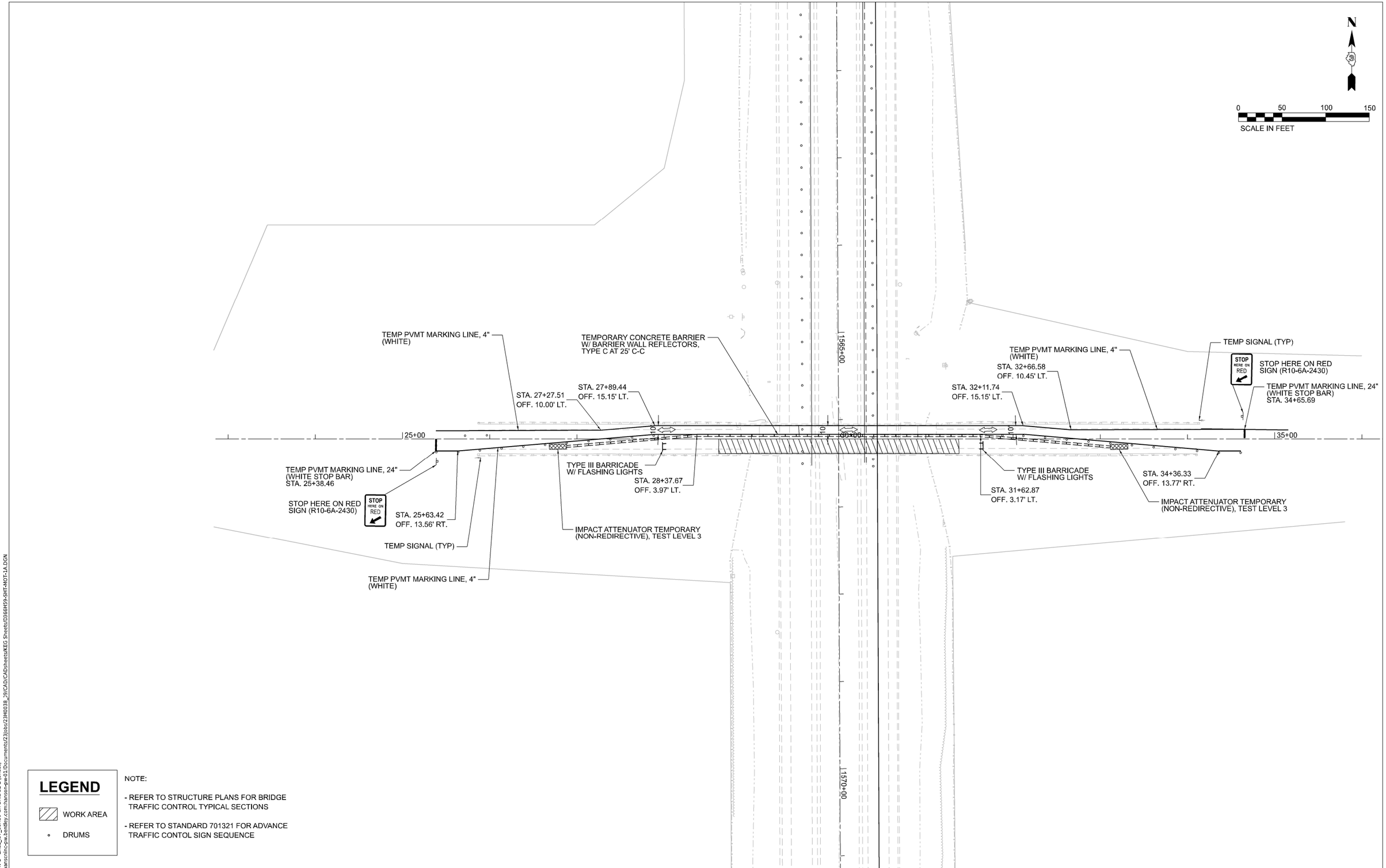
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
SN 038-0077 (200N/CH10) BRIDGE STAGE 1

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	73
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



LEGEND

WORK AREA

DRUMS

NOTE:

- REFER TO STRUCTURE PLANS FOR BRIDGE TRAFFIC CONTROL TYPICAL SECTIONS
- REFER TO STANDARD 701321 FOR ADVANCE TRAFFIC CONTOL SIGN SEQUENCE

MODEL: EXCL_200N-1 - EXCL_I57_66H59 CR BRIDGE-2 [Sheet]
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184.003.0172
20-5000565

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	DRAWN - KP	REVISED -	
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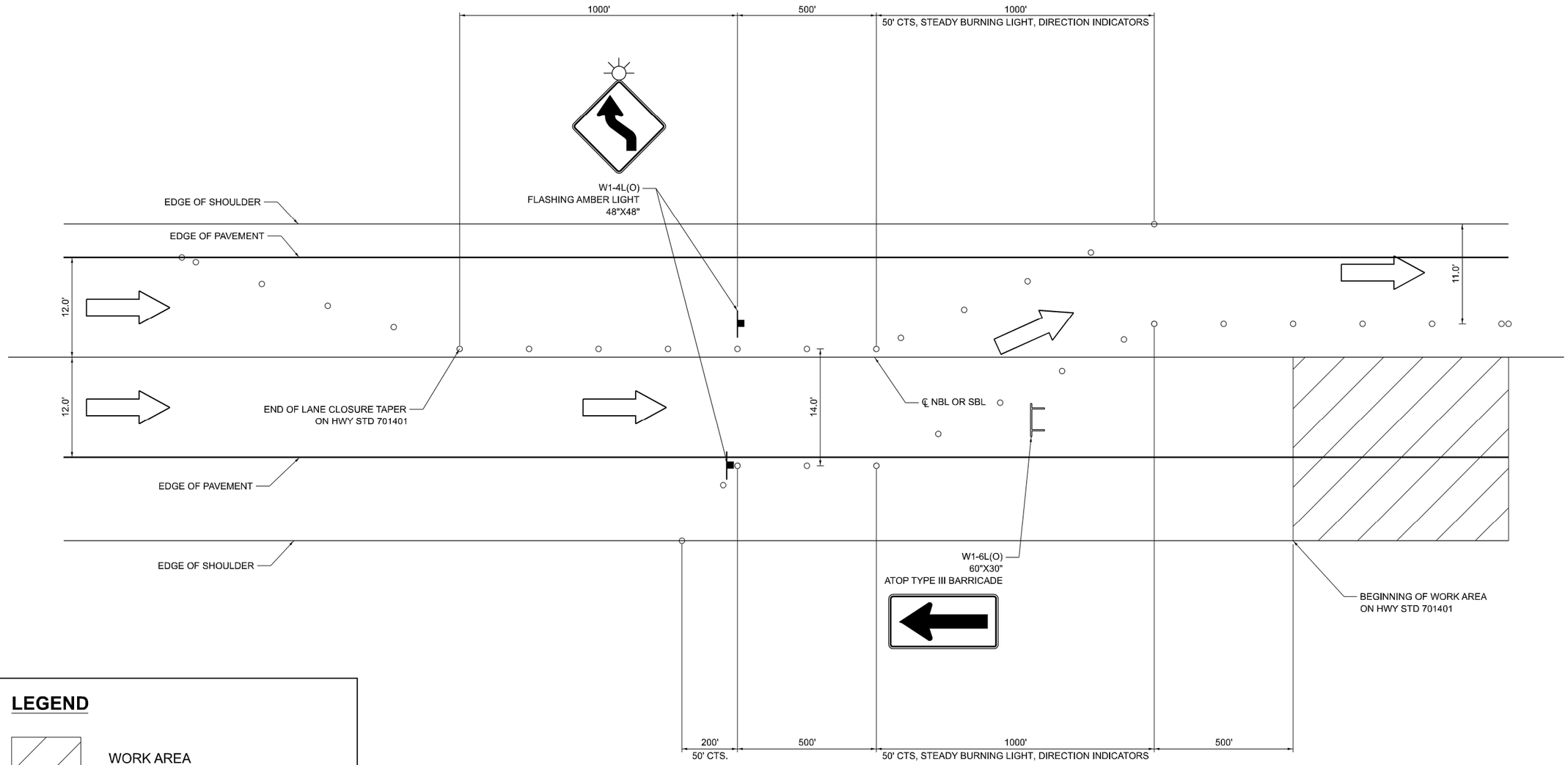
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
SN 038-0077 (200N/CH10) BRIDGE STAGE 2

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	74
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- WORK AREA
- DRUMS @ 100' CTS. (UNLESS OTHERWISE NOTED)
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- CONSTRUCTION SIGN

NOTE:

1. THIS DETAIL APPLIES TO BOTH MAINLINE DIRECTIONS (NB & SB) WHEN THE WORK AREA IS IN THE OUTSIDE LANE (STAGE 1).
2. SEE SMART WORK ZONE DETAILS FOR APPROACH TO THE WEAVE.

MODEL: Default
FILE NAME: pw://hanscntlc-pw.bentley.com:hanson-pw-01/Document/23jobs/23H0038_29/CAD/CADSheets/REG Sheets/D366H59-plt-MOT-det-007.dgn

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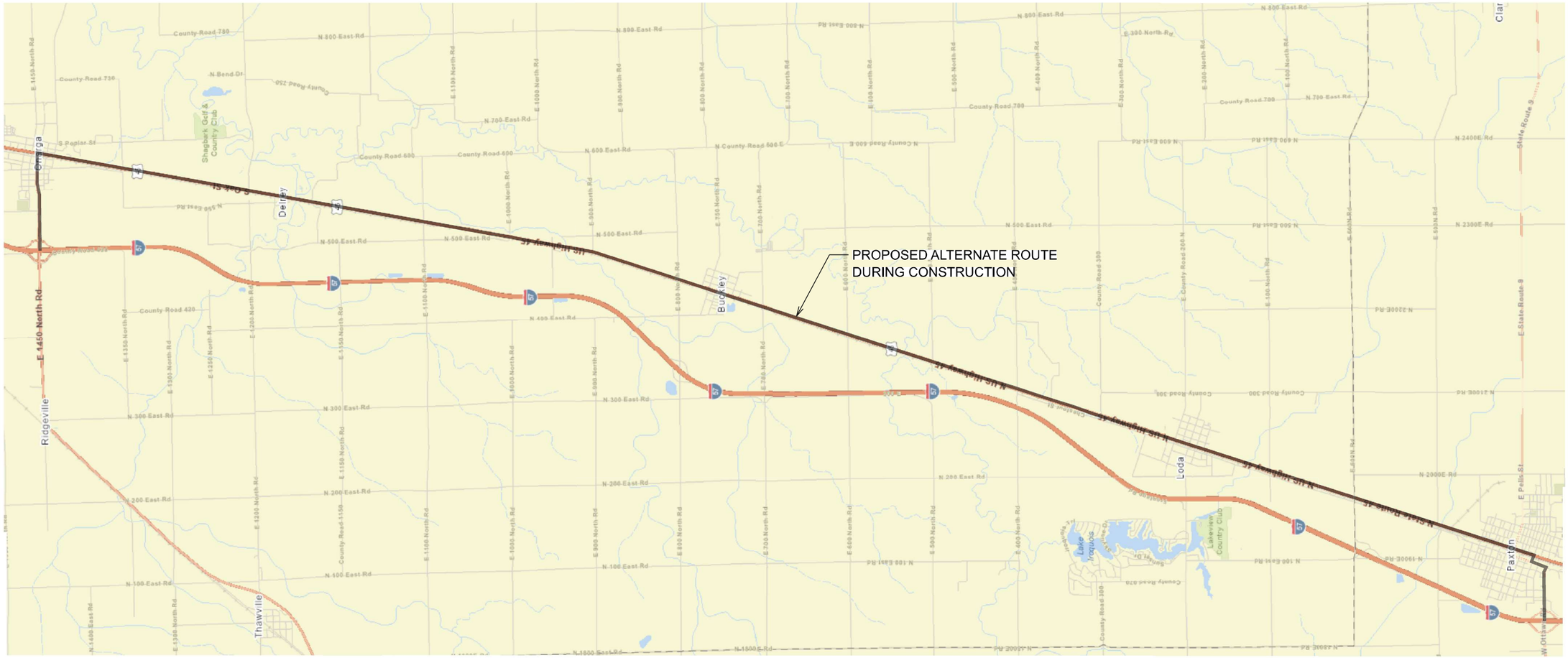
Professional Engineering Group 280-000566
LICENSE NO.

USER NAME = hawkl02095	DESIGNED - SW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL APPROACH WEAVE DETAIL	
	DRAWN - SW	REVISED -			
PLOT SCALE = 10.000 ' / in.	CHECKED - RJB	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	75
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			



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20-5000566

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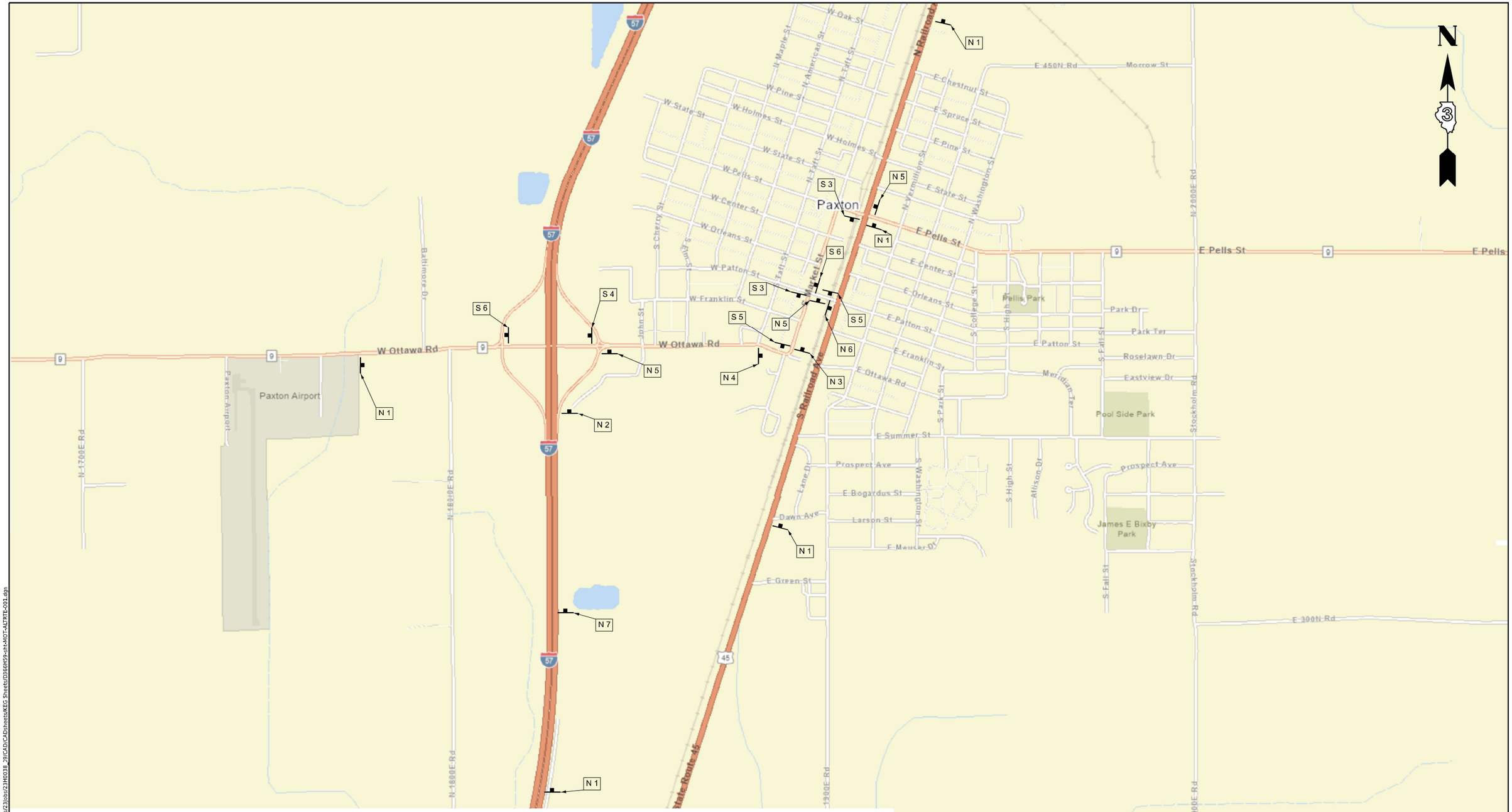
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
ALTERNATE ROUTE

SCALE: 1" = 50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	76
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



ALT NORTH INTERSTATE 57	M4-1a (O) M3-1 M1-1.2	ALT SOUTH INTERSTATE 57	M4-1A (O) M3-3 M1-1.2
M-5 OR M-6	M-5 OR M-6 SERIES SIGN AS NEEDED	M-5 OR M-6	M-5 OR M-6 SERIES SIGN AS NEEDED

BASE ASSEMBLY "N" BASE ASSEMBLY "S"

1	M6-3 (O)	5	M6-1(R) (O)		
2	M6-2 (O)	6	M6-1(L) (O)		
3	M5-1(R) (O)	7	M5-2 (O)		
4	M5-1(L) (O)				

NOTES:
1. INTERSTATE SHIELD (M-1) AND DIRECTION (M-3) SIGNS SHALL BE BLUE WITH WHITE LETTERS
2. (O) INDICATES FLOURESCENT ORANGE SIGN WITH BLACK SYMBOLS

N S BASE ASSEMBLY N OR S

NX BASE ASSEMBLY WITH ARROW SIGN X

XX SIGN NUMBER

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LICENSE NO. 184.006733, 28-5800341

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		DRAWN	- SW	REVISED	-
PLOT SCALE	= 10.000 ' / in.	CHECKED	- RJB	REVISED	-
PLOT DATE	= 3/7/2025	DATE	- 02/26/25	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
ALTERNATE ROUTE

SCALE: 1" = 50' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	77
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



ALT NORTH INTERSTATE 57	M4-1a (O) M3-1 M1-1.2	ALT SOUTH INTERSTATE 57	M4-1A (O) M3-3 M1-1.2	1	M6-3 (O)	5	M6-1(R) (O)
M-5 OR M-6	M-5 OR M-6 SERIES SIGN AS NEEDED	M-5 OR M-6	M-5 OR M-6 SERIES SIGN AS NEEDED	2	M6-2 (O)	6	M6-1(L) (O)
BASE ASSEMBLY "N"		BASE ASSEMBLY "S"		3	M5-1(R) (O)	7	M5-2 (O)
				4	M5-1(L) (O)		

NOTES:
1. INTERSTATE SHIELD (M-1) AND DIRECTION (M-3) SIGNS SHALL BE BLUE WITH WHITE LETTERS
2. (O) INDICATES FLOURESCENT ORANGE SIGN WITH BLACK SYMBOLS

N S BASE ASSEMBLY N OR S

NX BASE ASSEMBLY WITH ARROW SIGN X

XX SIGN NUMBER

MODEL: Default
FILE NAME: pw://hansonlnc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038 -29/CAD/CADsheets/KEG Sheets/D366H59-alt-MOT-ALTRTE-002.dgn

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		DRAWN	- SW	REVISED	-	
PLOT SCALE	= 10.000 ' / in.	CHECKED	- RJB	REVISED	-	
PLOT DATE	= 3/7/2025	DATE	- 02/26/25	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
ALTERNATE ROUTE

SCALE: 1" = 50' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	78
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



ALT NORTH INTERSTATE 57 M-5 OR M-6	M4-1a (O) M3-1 M1-1.2 M-5 OR M-6 SERIES SIGN AS NEEDED	ALT SOUTH INTERSTATE 57 M-5 OR M-6	M4-1A (O) M3-3 M1-1.2 M-5 OR M-6 SERIES SIGN AS NEEDED
BASE ASSEMBLY "N"		BASE ASSEMBLY "S"	

1	M6-3 (O)	5	M6-1(R) (O)
2	M6-2 (O)	6	M6-1(L) (O)
3	M5-1(R) (O)	7	M5-2 (O)
4	M5-1(L) (O)		

NOTES:
1. INTERSTATE SHIELD (M-1) AND DIRECTION (M-3) SIGNS SHALL BE BLUE WITH WHITE LETTERS
2. (O) INDICATES FLOURESCENT ORANGE SIGN WITH BLACK SYMBOLS

N S — BASE ASSEMBLY N OR S

NX — BASE ASSEMBLY WITH ARROW SIGN X

XX — SIGN NUMBER

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TEL 184.007.007
28-0000566

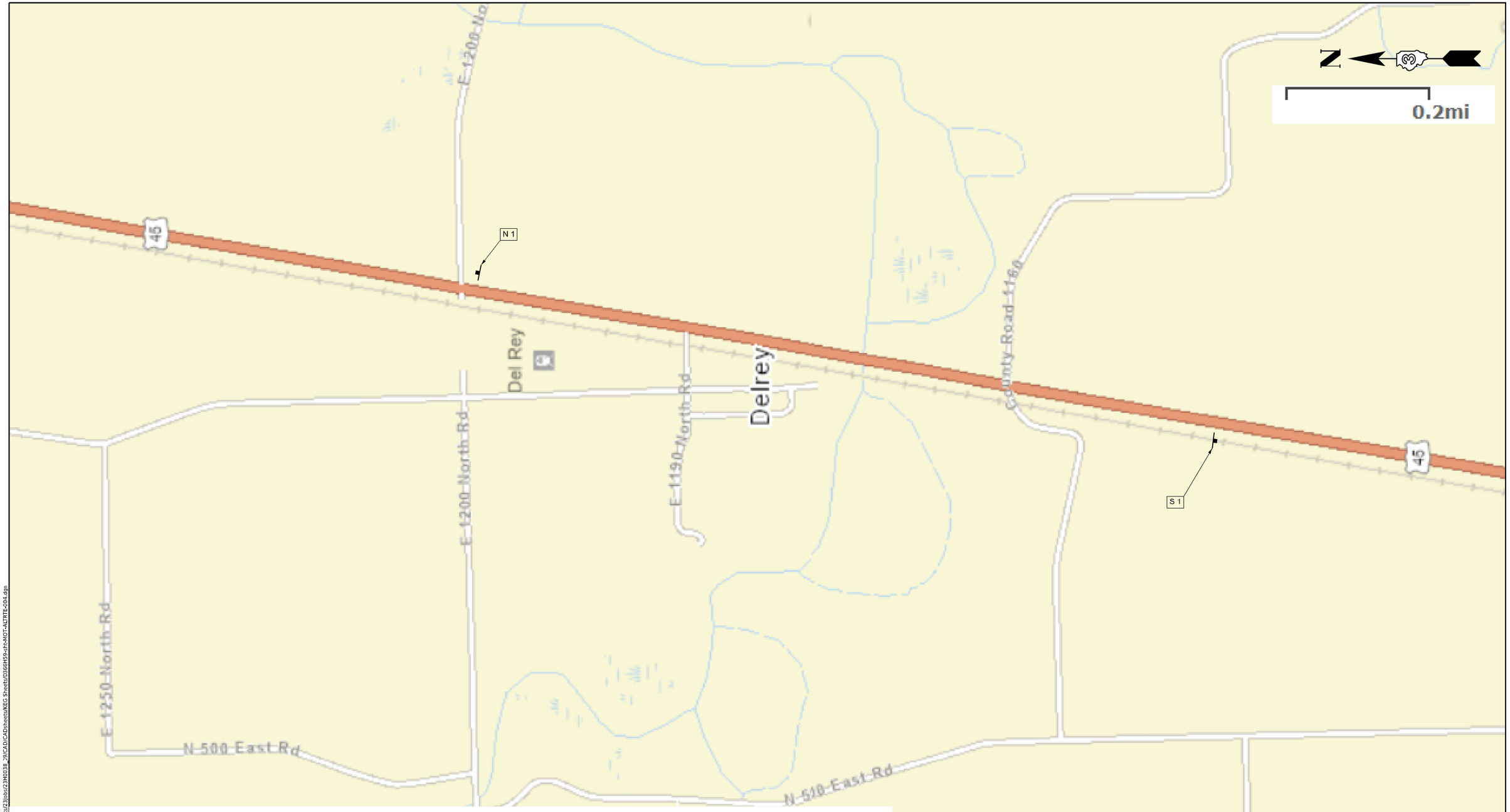
USER NAME = timothy.pletsch		DESIGNED - $SGN-DRAW		REVISED -	
		DRAWN - $SGN-DRAW		REVISED -	
PLOT SCALE = $SCALE$		CHECKED - $SGN-CHECK		REVISED -	
PLOT DATE = 3/25/2025		DATE - $CHECK-DATE		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

$MOT-T01
$MOT-T10

SCALE: 1" = 50' | SHEET | OF | SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	$TOT	$MOT20
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



ALT	M4-1a (O)	ALT	M4-1A (O)
NORTH	M3-1	SOUTH	M3-3
INTERSTATE 57	M1-1.2	INTERSTATE 57	M1-1.2
M-5 OR M-6	M-5 OR M-6 SERIES SIGN AS NEEDED	M-5 OR M-6	M-5 OR M-6 SERIES SIGN AS NEEDED

BASE ASSEMBLY "N"

BASE ASSEMBLY "S"

1	M6-3 (O)	5	M6-1(R) (O)
2	M6-2 (O)	6	M6-1(L) (O)
3	M5-1(R) (O)	7	M5-2 (O)
4	M5-1(L) (O)		

NOTES:
1. INTERSTATE SHIELD (M-1) AND DIRECTION (M-3) SIGNS SHALL BE BLUE WITH WHITE LETTERS
2. (O) INDICATES FLOURESCENT ORANGE SIGN WITH BLACK SYMBOLS

N S — BASE ASSEMBLY N OR S

NX — BASE ASSEMBLY WITH ARROW SIGN X

XX — SIGN NUMBER

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USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
PLOT SCALE = 10.000 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
ALTERNATE ROUTE

SCALE: 1" = 50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	80
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



ALT NORTH INTERSTATE 57 M-5 OR M-6	M4-1a (O), M3-1, M1-1.2, M-5 OR M-6 SERIES SIGN AS NEEDED	1	M6-3 (O)
		2	M6-2 (O)
		3	M5-1(R) (O)
		4	M5-1(L) (O)
		5	M6-1(R) (O)
		6	M6-1(L) (O)
		7	M5-2 (O)

BASE ASSEMBLY "N"

ALT SOUTH INTERSTATE 57 M-5 OR M-6	M4-1A (O), M3-3, M1-1.2, M-5 OR M-6 SERIES SIGN AS NEEDED

BASE ASSEMBLY "S"

NOTES:
1. INTERSTATE SHIELD (M-1) AND DIRECTION (M-3) SIGNS SHALL BE BLUE WITH WHITE LETTERS
2. (O) INDICATES FLOURESCENT ORANGE SIGN WITH BLACK SYMBOLS

N S — BASE ASSEMBLY N OR S

NX — BASE ASSEMBLY WITH ARROW SIGN X

XX — SIGN NUMBER

MODEL: Default
FILE NAME: pw://hanscomllc-pw.bentley.com:hansco-pw-01/Documents/23Jobs/23H0038_39/CAD/CADSheets/AEG Sheets/D36H59-alt-MOT-ALTRTE-005.dgn

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		DRAWN	- SW	REVISED	-
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PLOT DATE	= 3/7/2025	DATE	- 02/26/25	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
ALTERNATE ROUTE

SCALE: 1" = 50' | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	81
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

DESCRIPTION	SIGN TYPE	ALIGNMENT	STA.	OFFSET	LR/RT	SHEETING TYPE	PANEL WIDTH	PANEL HEIGHT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	REMOVE SIGN PANEL TYPE 1	REMOVE SIGN PANEL TYPE 2	REMOVE SIGN PANEL TYPE 3	SIGN PANEL T1	SIGN PANEL T2	SIGN PANEL T3	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	CONCRETE FOUNDATIONS	REINFORCEMENT BARS, EPOXY COATED	POST 1 LENGTH	POST 2 LENGTH	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT
							FOOT	FOOT	EACH	EACH	EACH	EACH	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	POUND	CU YD	POUND	FOOT	FOOT	FOOT	FOOT
MILE MARKER 271	D10-3	I-57	1282+70.83	68.72	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 271	D10-3	I-57	1282+71.83	70.56	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
EXIT 262 BUCKLEY ROBERTS	E4-2	I-57	1288+49.72	102.51	LT	ZZ	11	11	2	2	-	1	-	-	121	-	-	121	675	1.4	156	18	19.5		-
REST AREA 1 MILE MARKER	D5-1	I-57	1323+23.35	100.21	RT	ZZ	10.5	5	2	2	-	1	-	-	52.5	-	-	52.5	230	1.4	156	12	13.5		-
MILE MARKER 270	D10-3	I-57	1335+55.33	70.2	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 270	D10-3	I-57	1335+54.05	70.2	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
ENTERING HERITAGE AREA	I20-3	I-57	1347+08.15	83.89	RT	AP/ZZ	PROVIDED BY IDOT												533	1.4	156	17	18.5		-
REST AREA NEXT RIGHT (VENDING MACHINES	D5-1a	I-57	1355+24.09	101.14	RT	ZZ	11	5	2	2	-	1	-	-	55	-	-	55	383	1.4	156	12	13.5		-
REST AREA MAST ARM EXIT SIGN	D5-2	I-57	1374+34.65	98.21	RT	ZZ	11	5.5	-	-	-	1	-	-	60.5	-	-	60.5	-	-	-	5.5	-	5.5	-
REST AREA GROUND EXIT SIGN	D5-2a	I-57	1378+14.17	74.55	RT	ZZ	6.5	6.5	2	2	-	1	-	-	42.25	-	-	42.25	-	-	-	13.5	15		28.5
MILE MARKER 269	D10-3	I-57	1388+15.23	70.31	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 269	D10-3	I-57	1388+15.76	69.66	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
TRAFFIC MERGE	W4-1	I-57	1394+39.57	75.3	RT	AZ	4	4	-	-	-	-	-	16	-	-	16	-	-	-	-	11	16	11	-
MOVE OVER - SLOW DOWN FOR STOPPED	R16-3	I-57	1398+56.91	111.97	RT	AP	PROVIDED BY IDOT												167	1.4	156	8.5	10		-
MOVE OVER - SLOW DOWN FOR STOPPED	R16-3	I-57	1412+68.94	113.76	LT	AP	PROVIDED BY IDOT												167	1.4	156	8.5	10		-
TRAFFIC MERGE	W4-1	I-57	1418+58.31	72.78	LT	AZ	4	4	-	-	-	-	-	16	-	-	16	-	-	-	-	11	16	11	-
REST AREA GROUND EXIT SIGN	D5-2a	I-57	1433+83.03	77.94	LT	ZZ	6.5	6.5	2	2	-	1	-	-	42.25	-	-	42.25	-	-	-	13.5	15		28.5
MILE MARKER 268	D10-3	I-57	1441+31.84	68.81	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 268	D10-3	I-57	1441+35.83	69.86	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
REST AREA MAST ARM EXIT SIGN	D5-2	I-57	1442+56.70	77.53	LT	ZZ	11	5.5	-	-	-	1	-	-	60.5	-	-	60.5	-	-	-	5.5	-	5.5	-
REST AREA NEXT RIGHT (VENDING MACHINES	D5-1a	I-57	1457+01.93	97.07	LT	ZZ	11	5	2	2	-	1	-	-	55	-	-	55	383	1.4	156	12	13.5		-
PAXTON CHAMPAIGN MEMPHIS DISTANCE	D2-3	I-57	1460+56.19	104.58	RT	ZZ	16.5	7	2	2	-	1	-	-	115.5	-	-	115.5	450	1.4	156	14	16		-
REST AREA 1 MILE MARKER	D5-2	I-57	1488+98.19	97.18	LT	ZZ	11	5.5	2	2	-	1	-	-	60.5	-	-	60.5	398	1.4	156	12.5	14		-
MILE MARKER 267	D10-3	I-57	1493+95.89	69.54	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 267	D10-3	I-57	1493+96.34	70.07	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 266	D10-3	I-57	1546+55.92	69.48	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 266	D10-3	I-57	1546+67.08	69.26	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 265	D10-3	I-57	121+52.40	70.06	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 265	D10-3	I-57	121+56.89	69.28	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 264	D10-3	I-57	174+19.10	70.29	RT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
MILE MARKER 264	D10-3	I-57	174+26.91	68.73	LT	AP	1	4	-	-	1	-	4	-	-	4	-	-	-	-	-	9	-	9	-
FORD COUNTY	I2-1	I-57	201+43.31	96.05	RT	ZZ	8.3	5.2	2	2	-	1	-	-	43.2	-	-	43.2	386	1.4	156	12.2167	13.5		-
IROQUOIS COUNTY	I2-1	I-57	201+43.53	95.96	LT	ZZ	9.0	5.2	2	2	-	1	-	-	47.06	-	-	47.06	386	1.4	156	12.2167	13.5		-
					TOTAL		146	141	20	20	16	12	64	32	756	64	32	756	4158	16	1716	343	218	177	57

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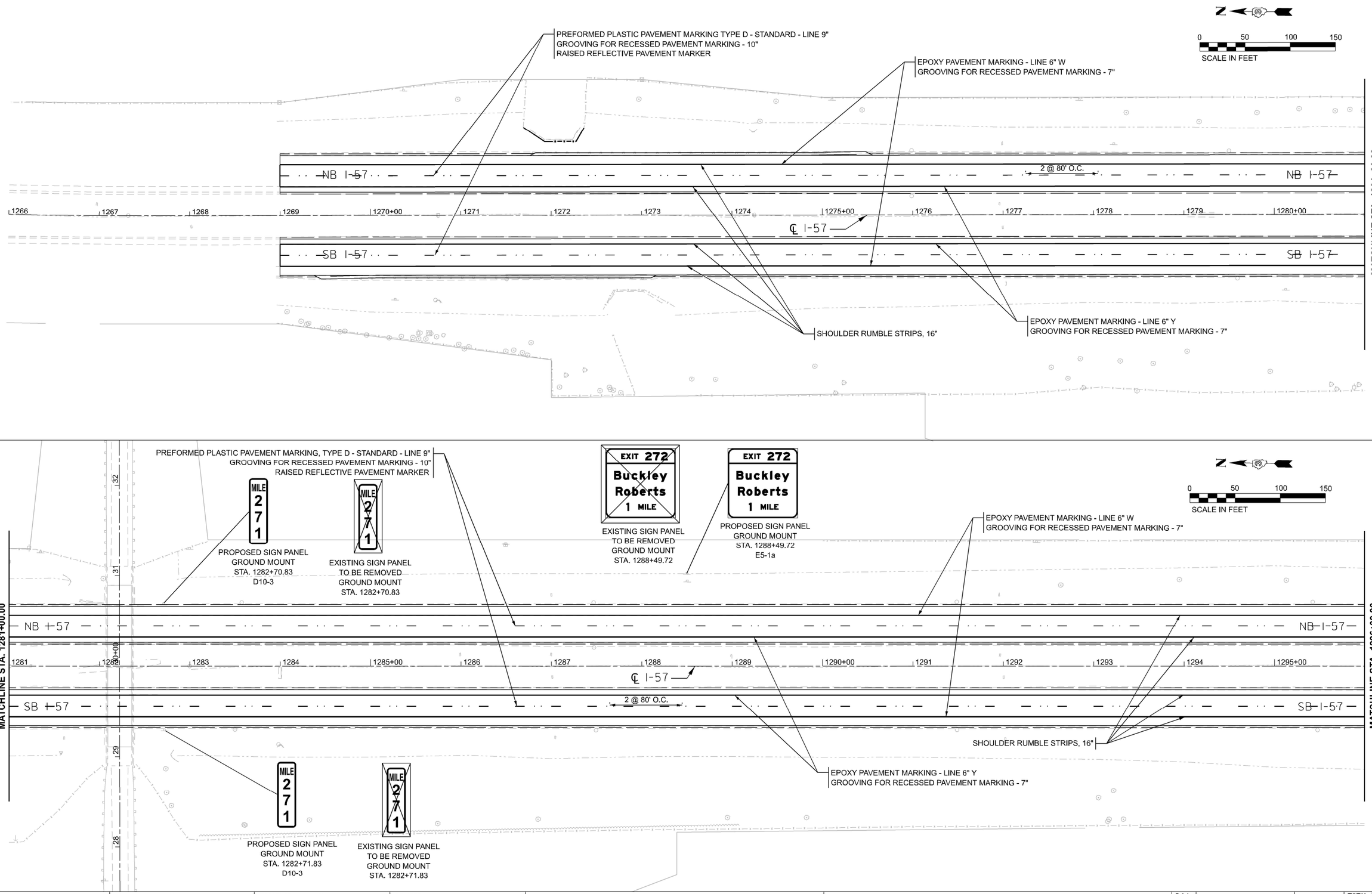
Professional Engineering Group
LICENSE NO.
184.006710
EXPIRATION
30-SEP-2026

USER NAME = hawki02095	DESIGNED - SW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN SCHEDULE	F.A.I. RTE. 57
	DRAWN - SW	REVISED -			SECTION (38-9, 38-8, 38-7) RS, RA, BRR
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -			COUNTY IROQUOIS
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE:	SHEET OF SHEETS
					STA. 1417+60.56 R5 TO STA. 1432+60.56 R5

TOTAL SHEETS	SHEET NO.
194	82

CONTRACT NO. 66H59
ILLINOIS FED. AID PROJECT



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LICENSE NO.
184.001573
20-5000556

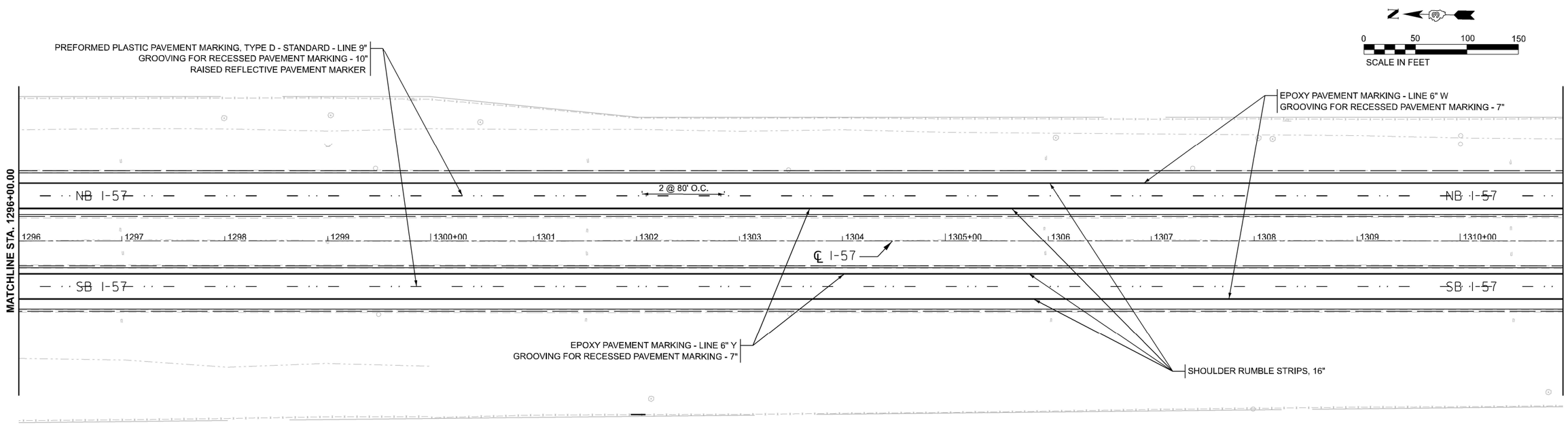
USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

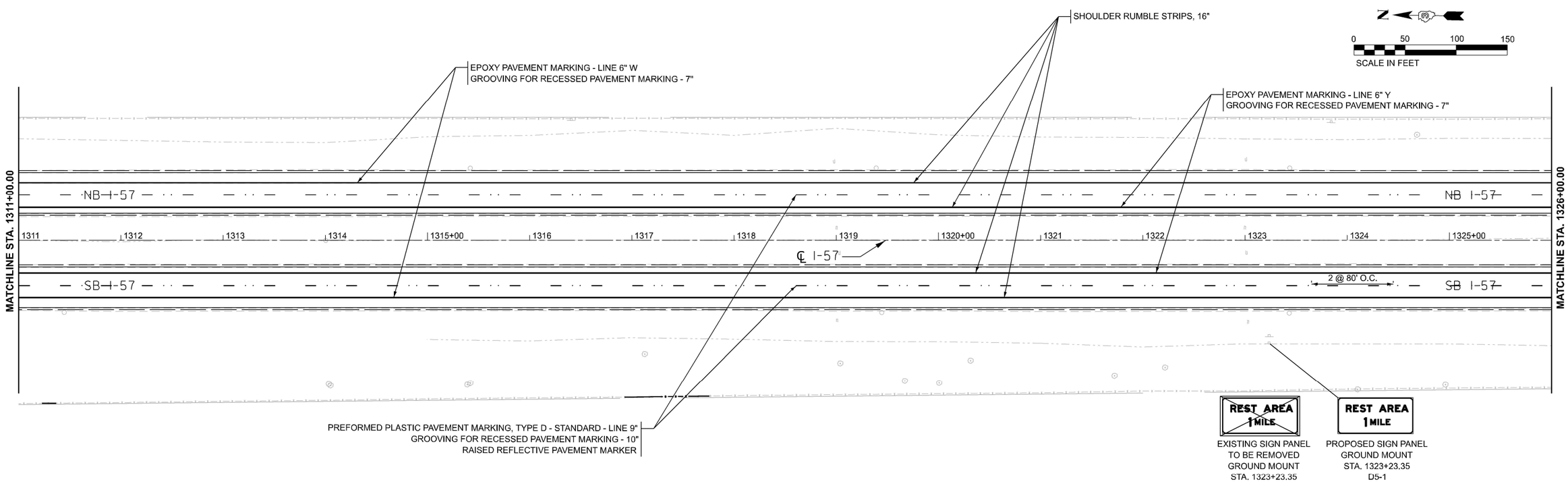
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	83
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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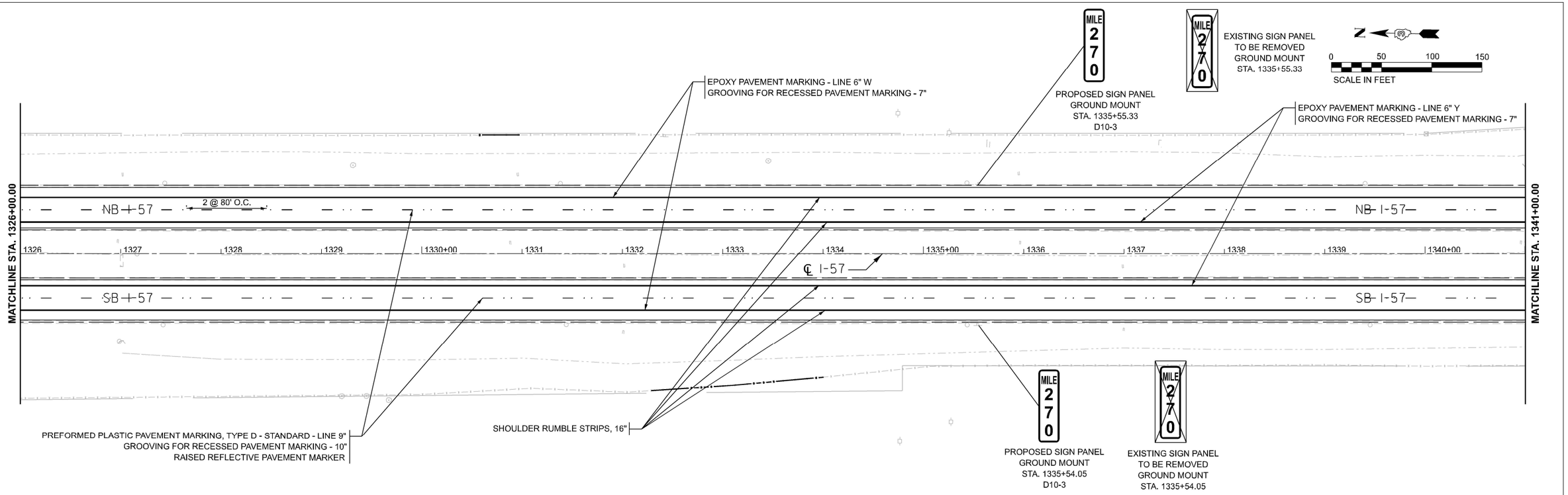
184.005772
206-000350

USER NAME = hawki02095	DESIGNED - SW	REVISED -	**STATE OF ILLINOIS**	SIGN DETAILS	
	DRAWN - SW	REVISED -	**DEPARTMENT OF TRANSPORTATION**	I-57	
PLOT SCALE = 0.16666633 ' / In.	CHECKED - RJB	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	84
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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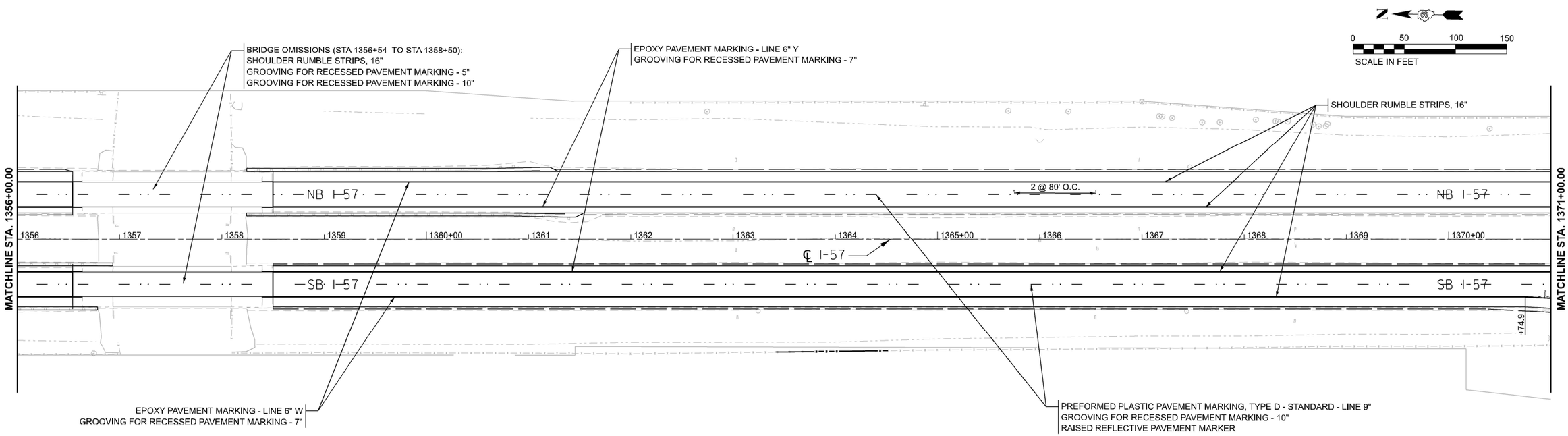
USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

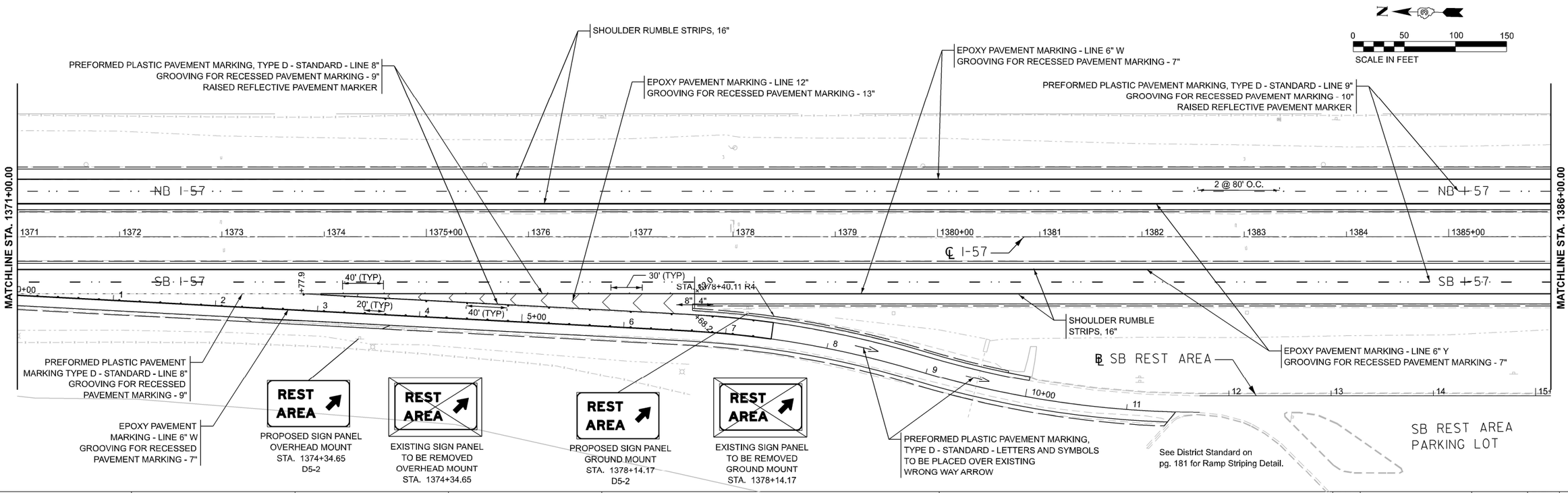
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	85
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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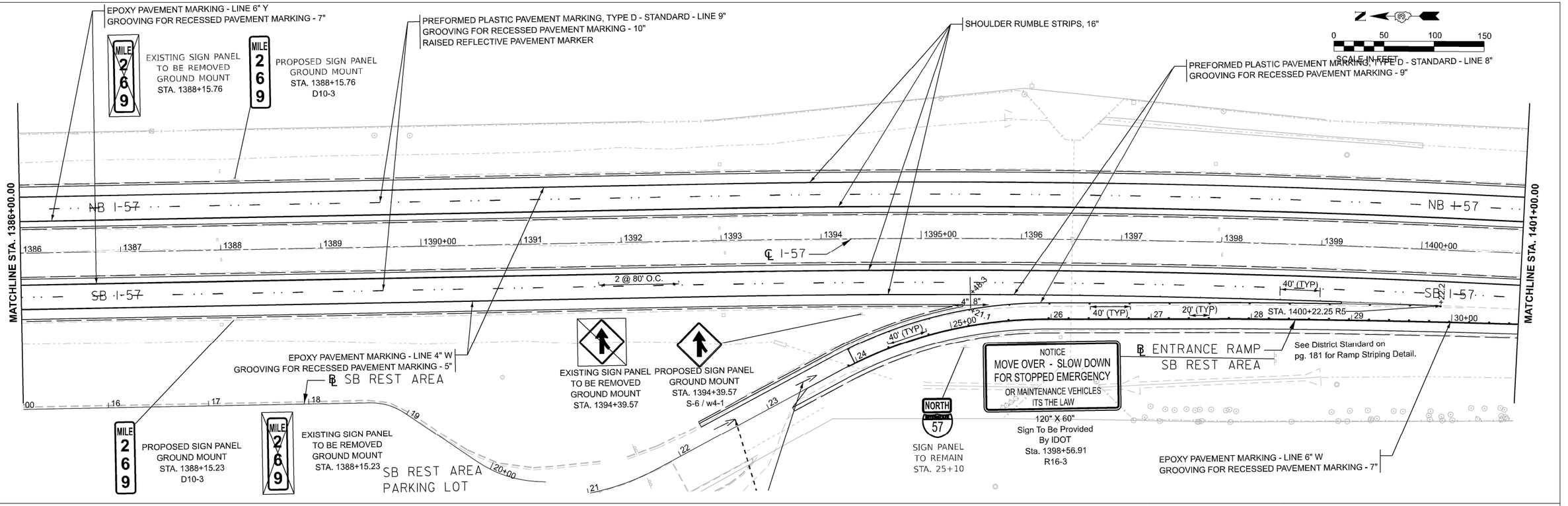
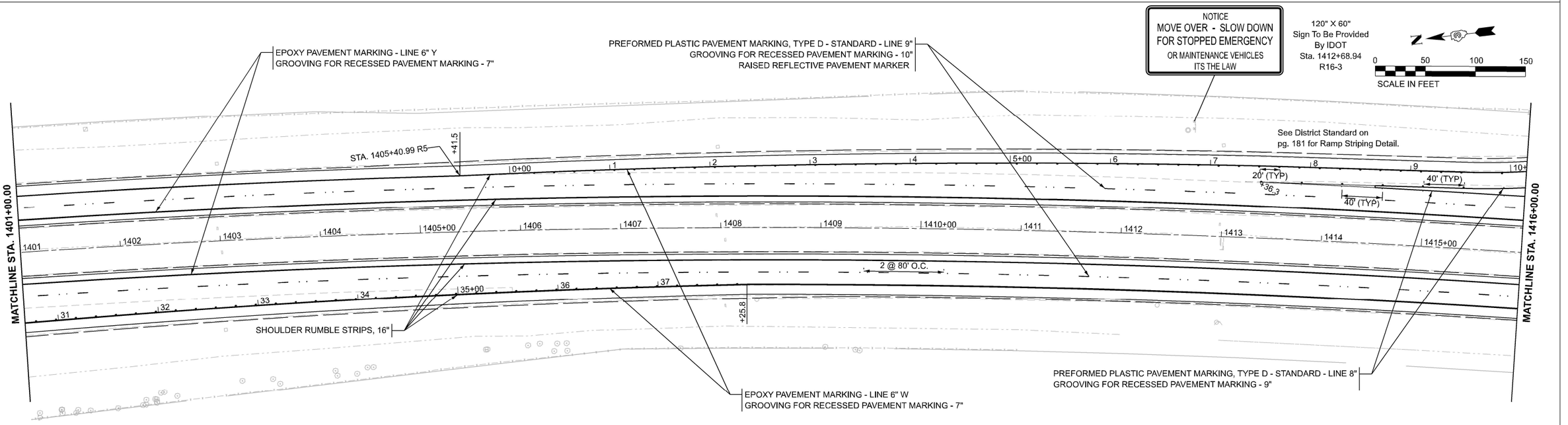
184.005752
206-000161

USER NAME = hawki02095	DESIGNED - SW	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	SIGN DETAILS I-57	
	DRAWN - SW	REVISED -			
PLOT SCALE = 0.16666633 ' / In.	CHECKED - RJB	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	86
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		





MODEL: EXCL_I57_66H59 - Plan 9 [Sheet]
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184.005752
20-1000341

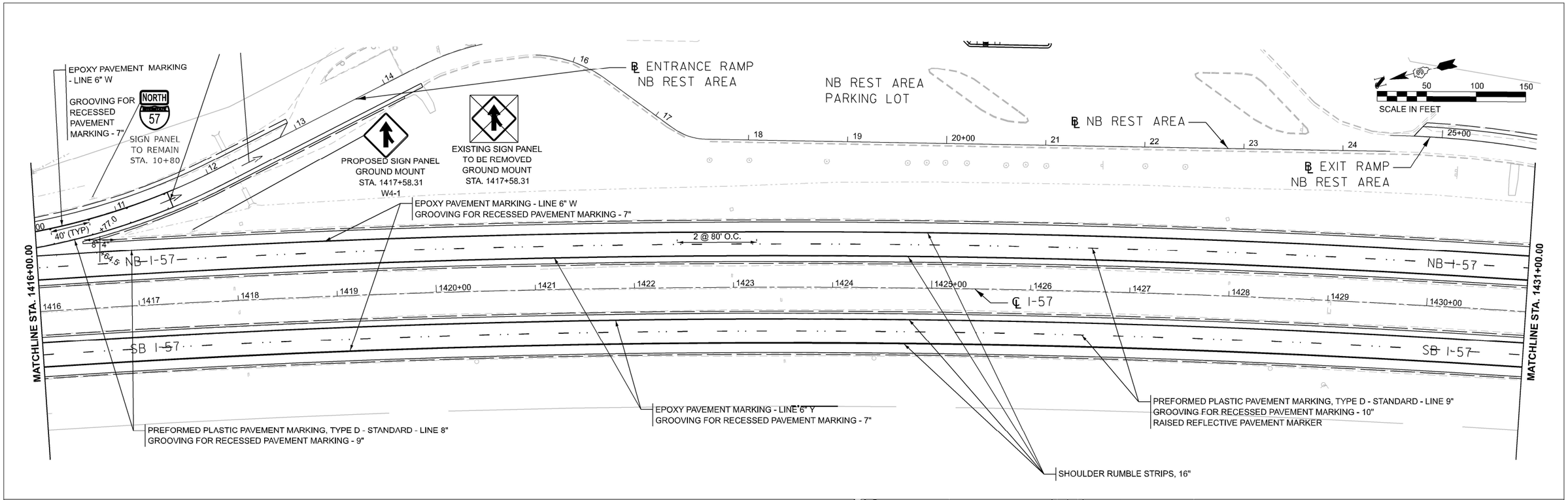
USER NAME = hawki02095		DESIGNED - SW		REVISED -	
		DRAWN - SW		REVISED -	
PLOT SCALE = 0.16666633 ' / In.		CHECKED - RJB		REVISED -	
PLOT DATE = 3/7/2025		DATE - 02/26/25		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	87
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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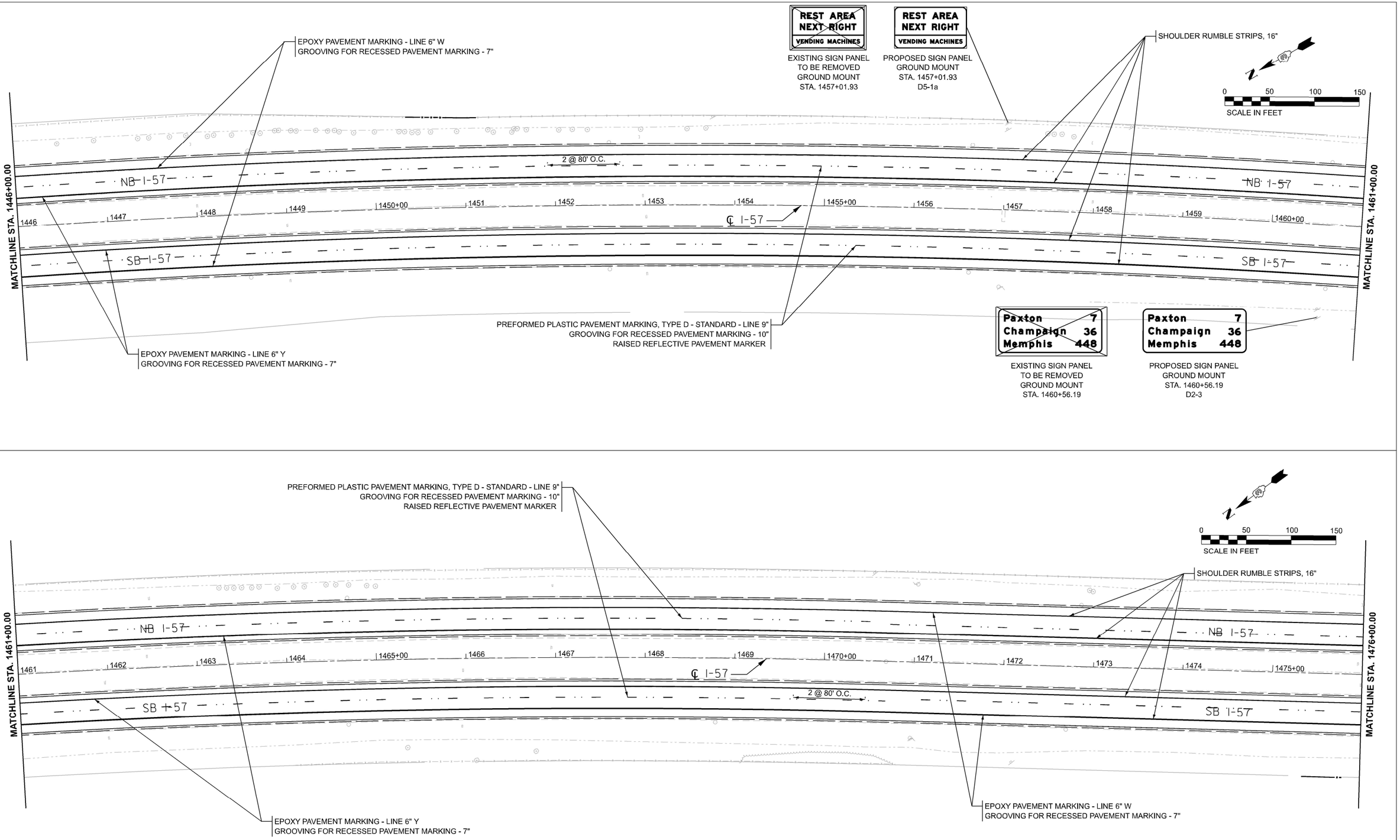
USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	88
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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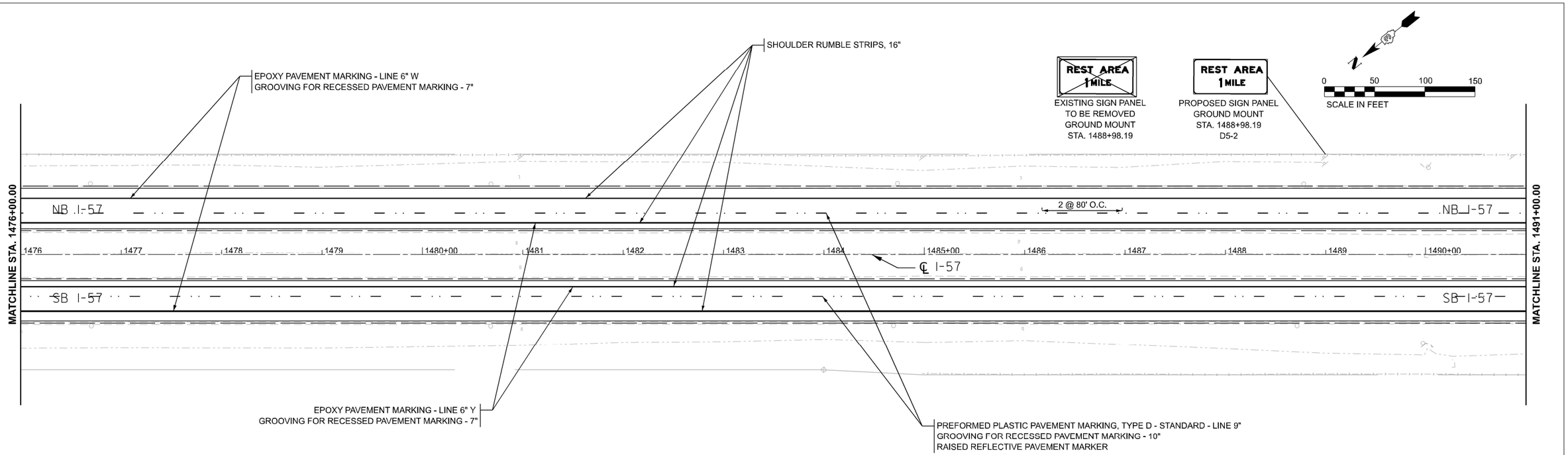
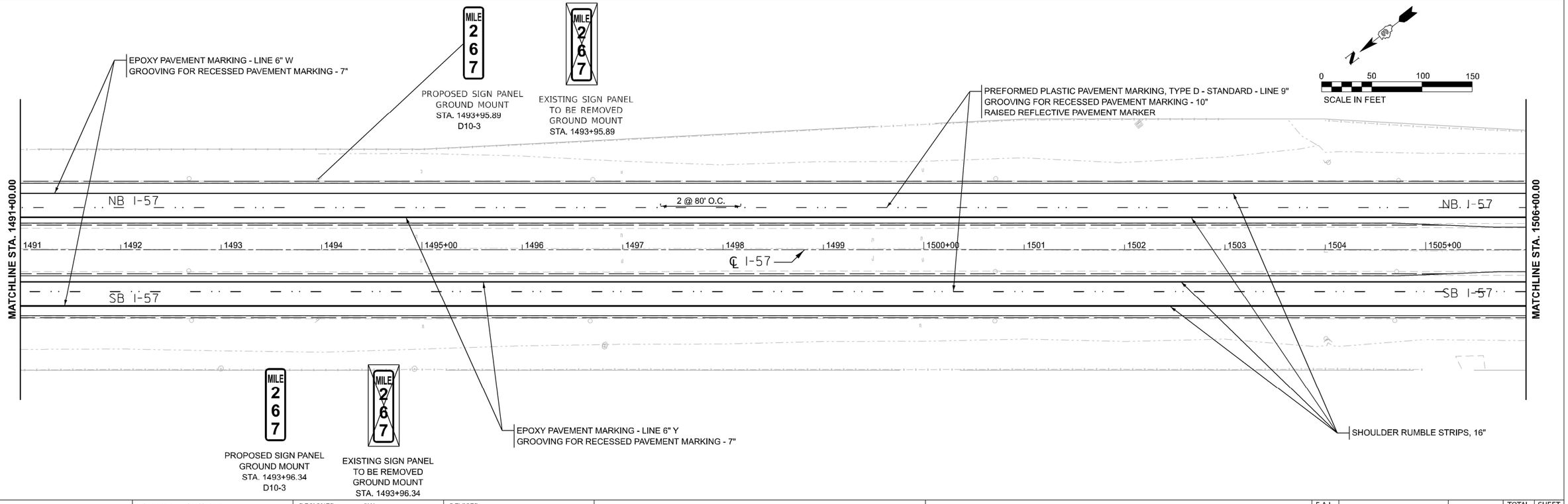
USER NAME = hawki02095	DESIGNED - SW	REVISED -	**STATE OF ILLINOIS**	SIGN DETAILS	
	DRAWN - SW	REVISED -	**DEPARTMENT OF TRANSPORTATION**	I-57	
PLOT SCALE = 0.16666633 ' / In.	CHECKED - RJB	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	89
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		





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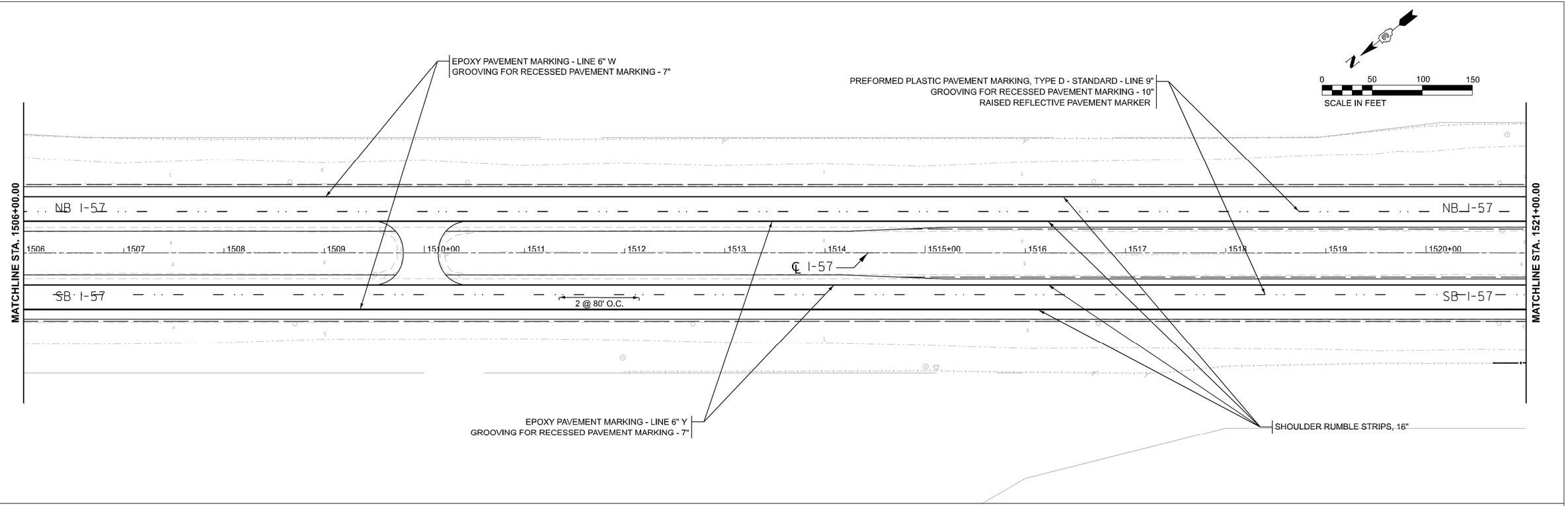
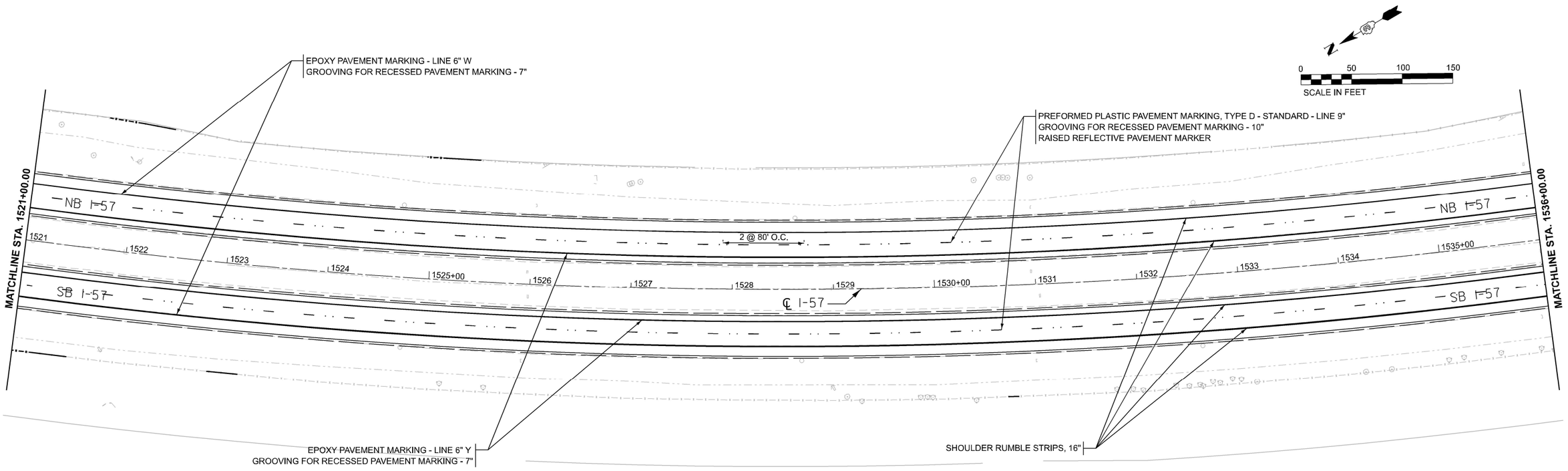
USER NAME = hawki02095	DESIGNED - SW	REVISED -	**STATE OF ILLINOIS**	SIGN DETAILS	
	DRAWN - SW	REVISED -	**DEPARTMENT OF TRANSPORTATION**	I-57	
PLOT SCALE = 0.16666633 ' / In.	CHECKED - RJB	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	90
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		





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280-000581

USER NAME = hawki02095	DESIGNED - SW	REVISED -	**STATE OF ILLINOIS**	SIGN DETAILS	
	DRAWN - SW	REVISED -	**DEPARTMENT OF TRANSPORTATION**	I-57	
PLOT SCALE = 0.16666633 ' / In.	CHECKED - RJB	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	91
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

MODEL: EXCL_I57_66H59 - Plan 17 [Sheet]
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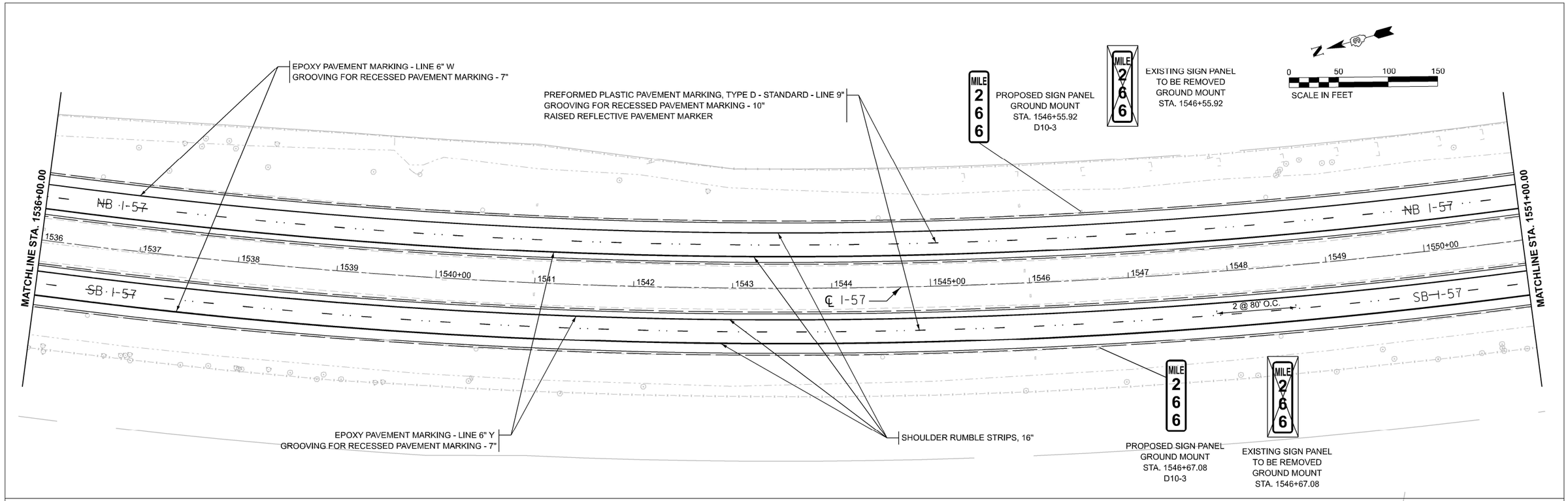

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Kaskaskia Engineering Group, LLC

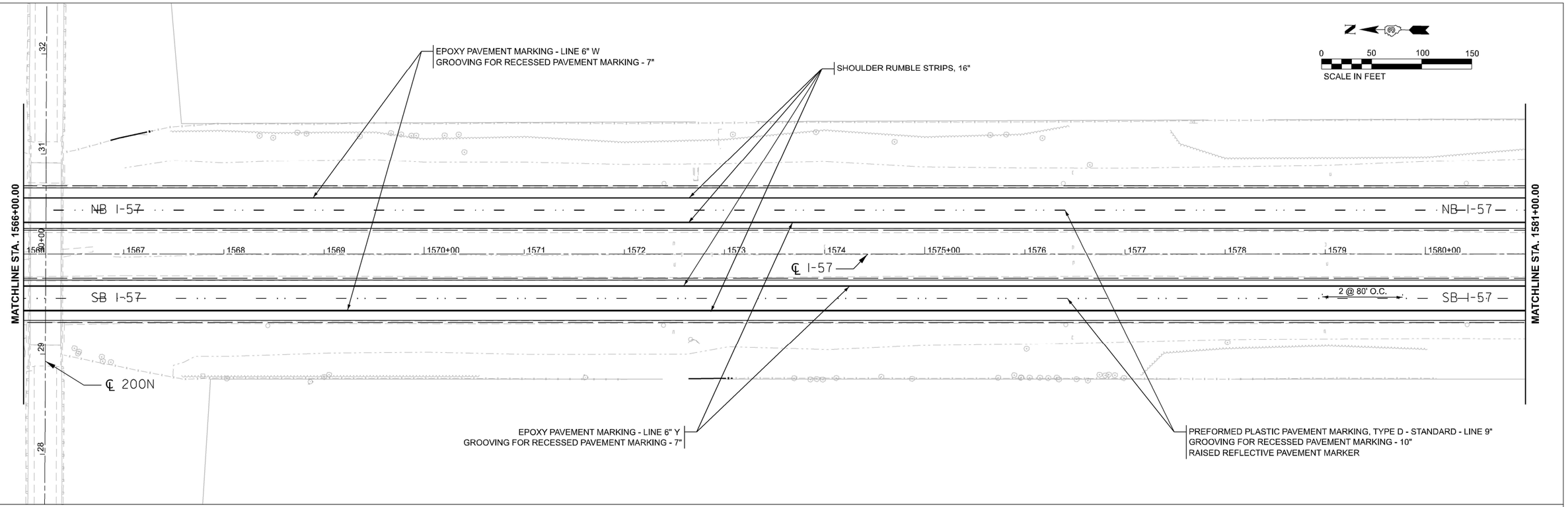
USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

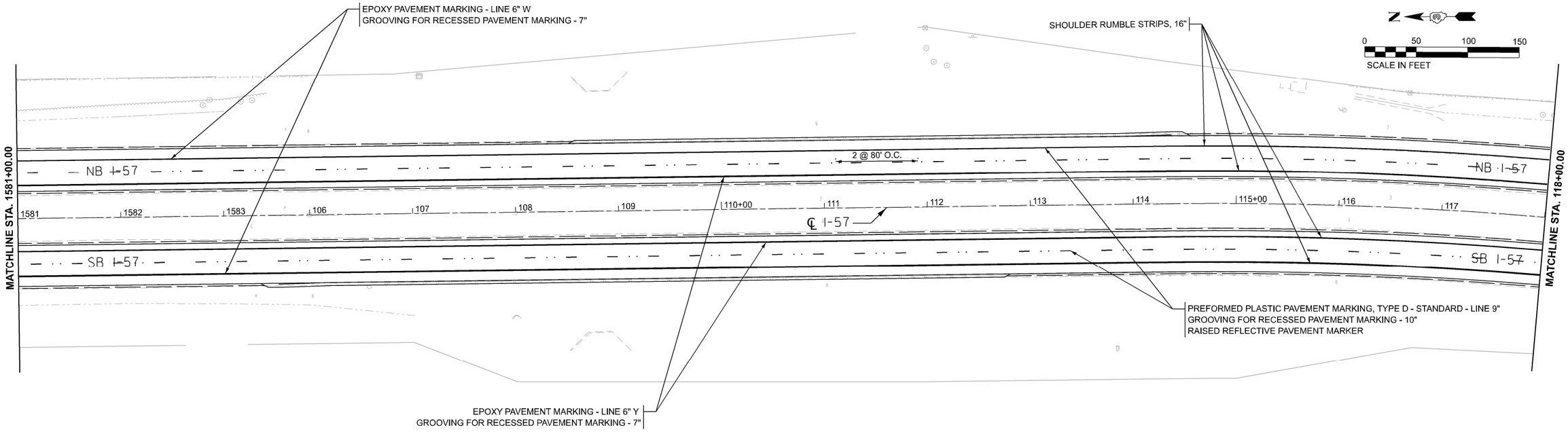
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	92
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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Kaskaskia Engineering Group, LLC
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LICENSE NO.
EXPIRATION
184.005772
20-30SEP26

USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
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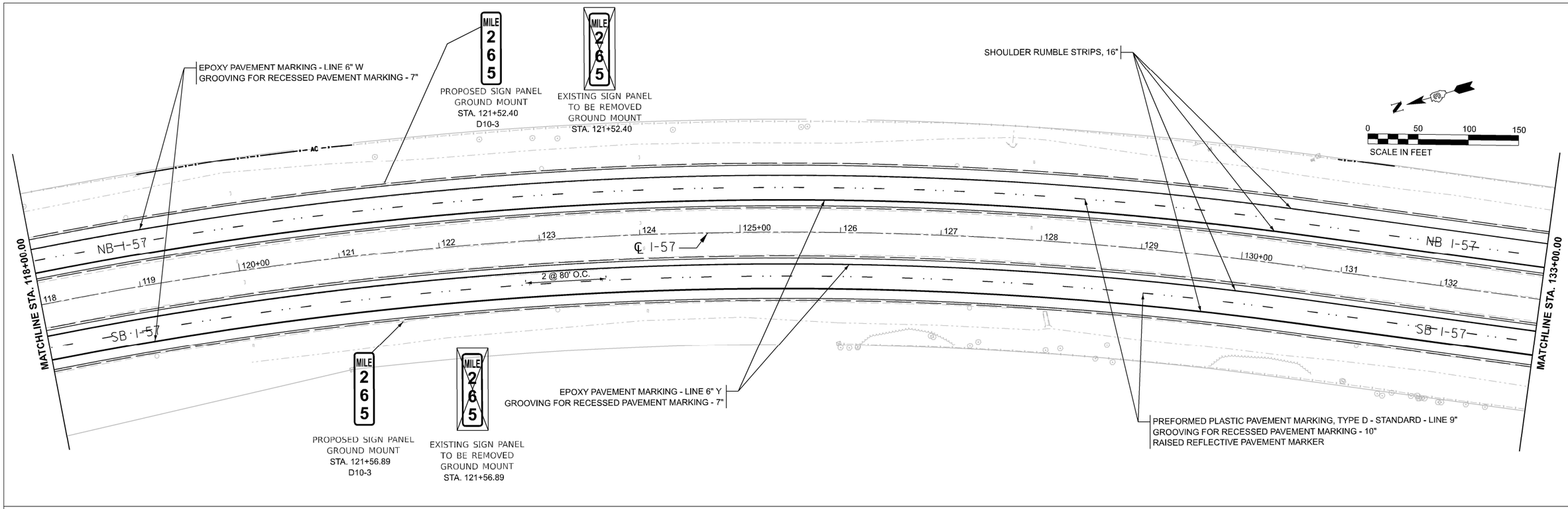
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	93
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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Kaskaskia Engineering Group, LLC
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Illinois Professional Design Firm
Professional Engineering Group
LICENSE NO.
184.001572
20-5000556

USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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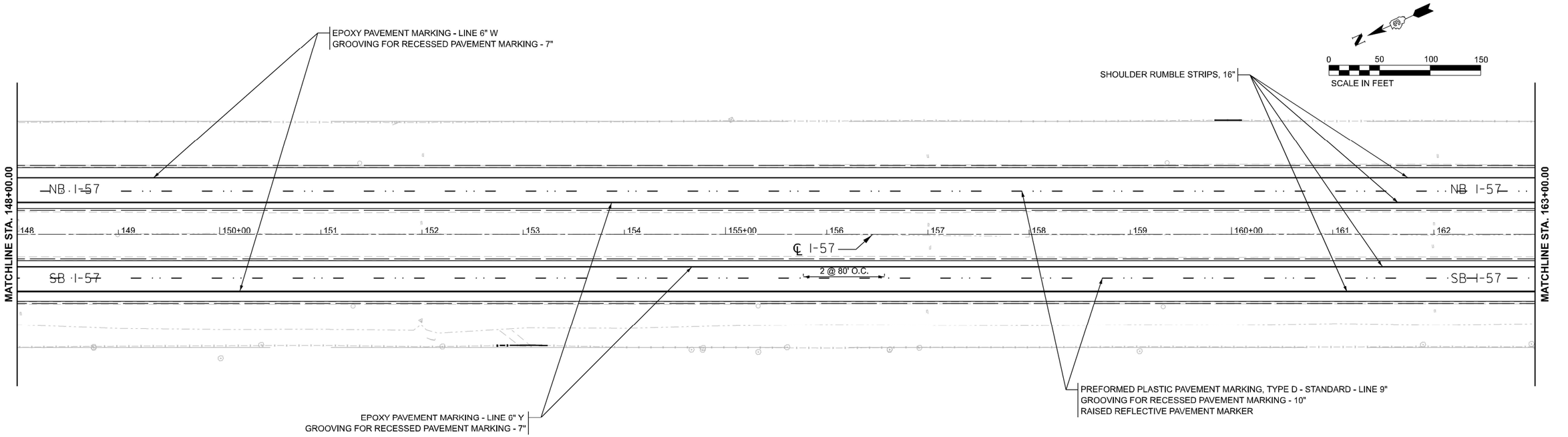
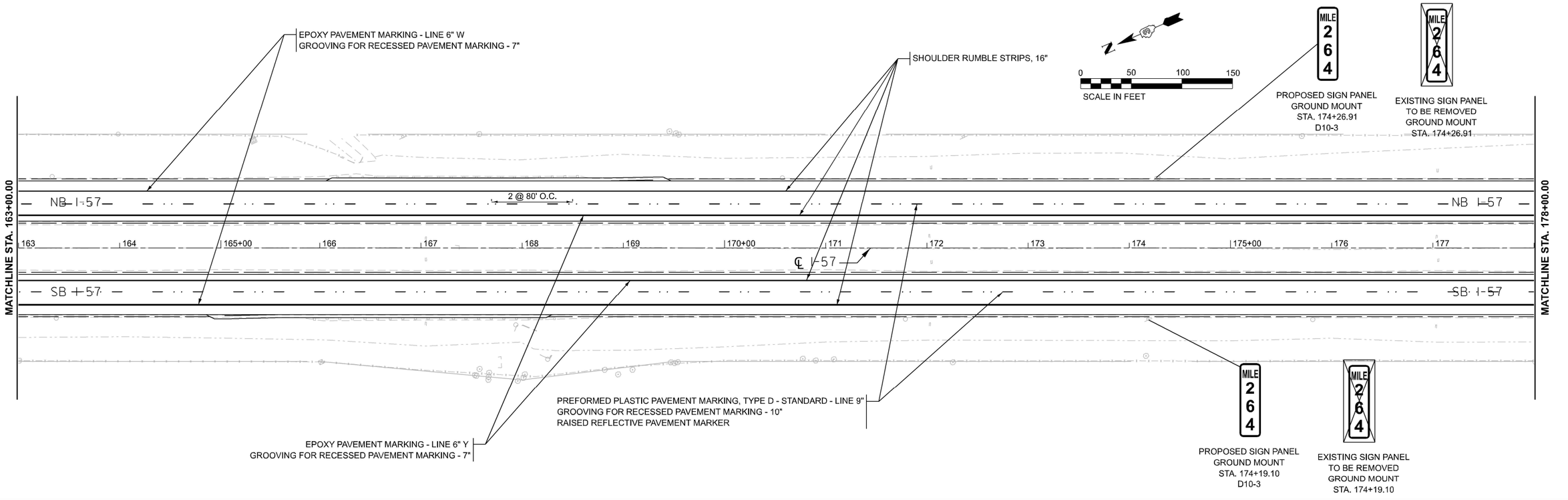
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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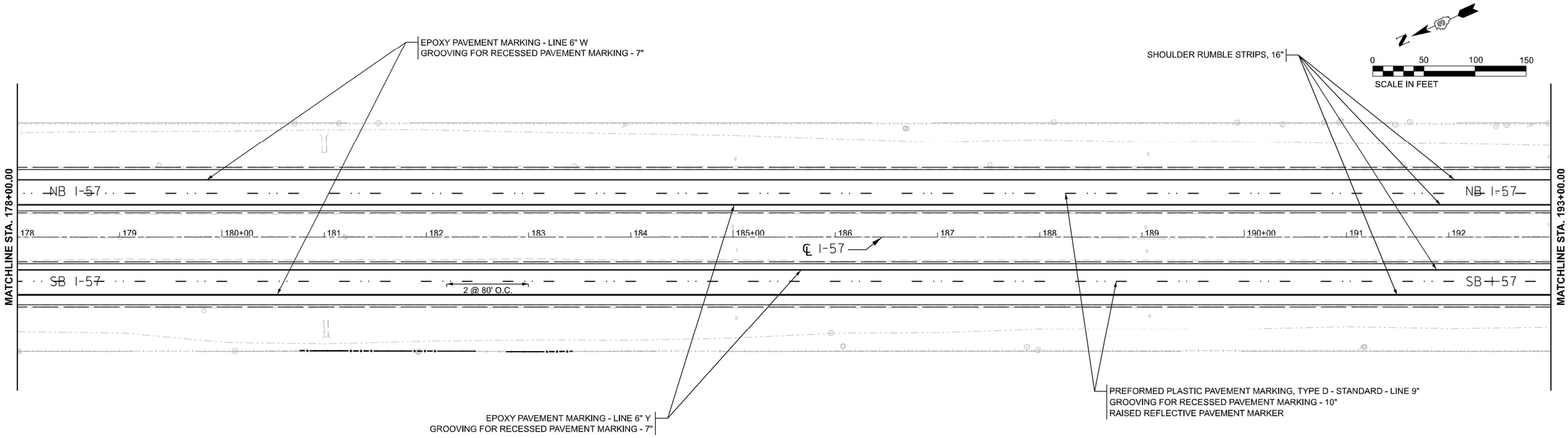
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

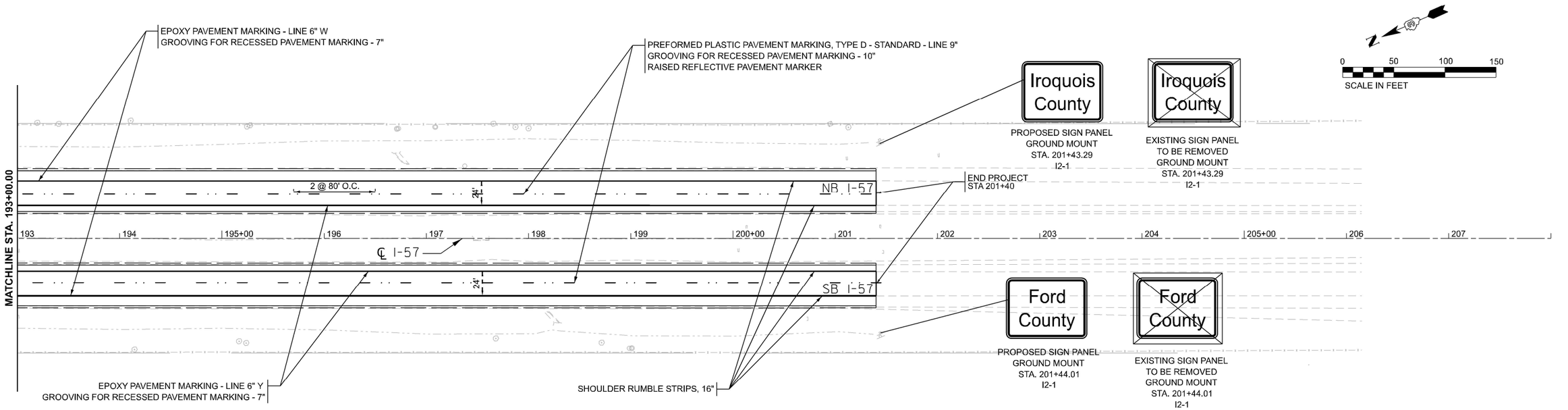
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	95
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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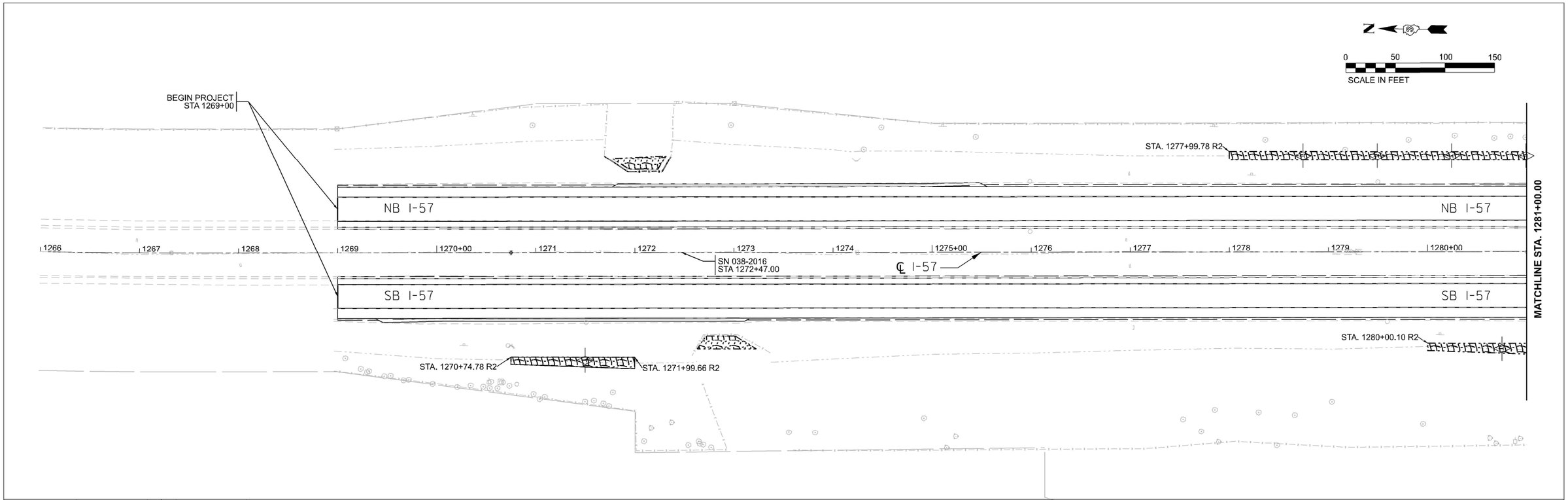
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

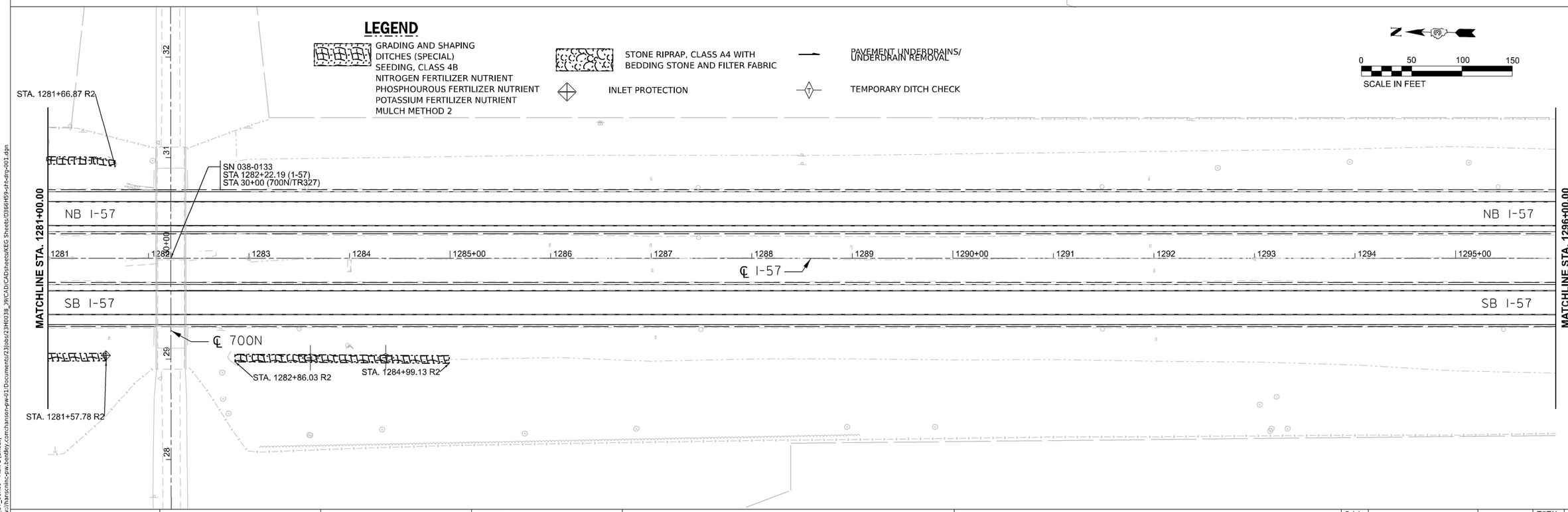
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	96
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





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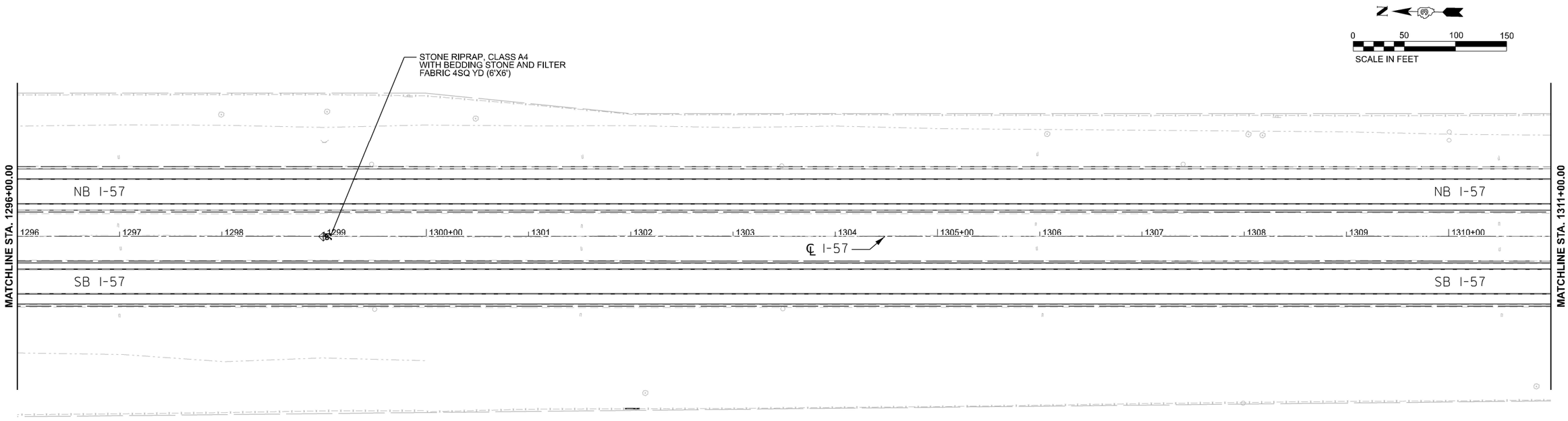
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

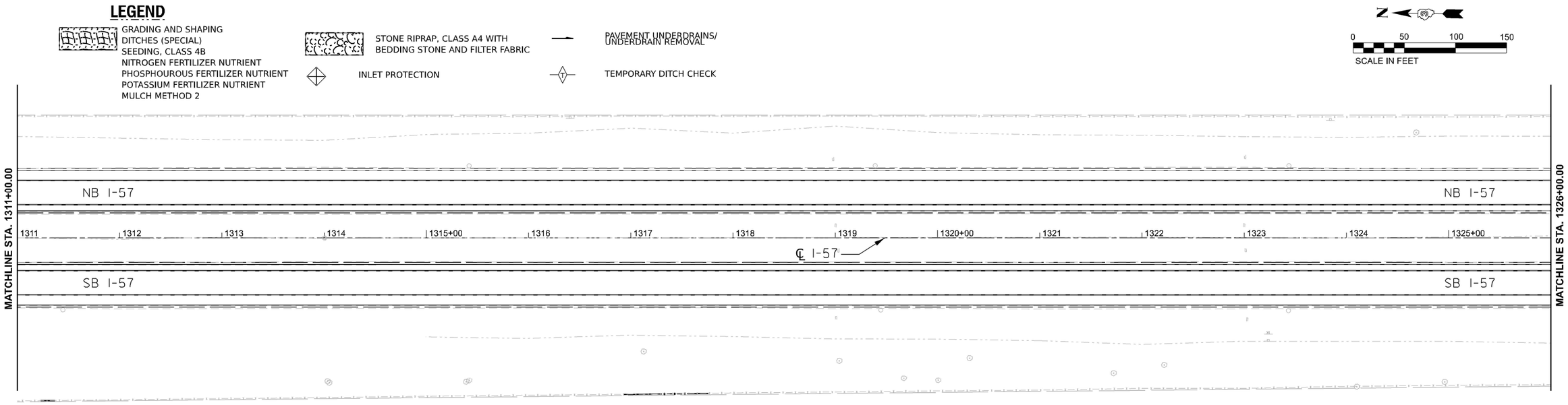
SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	97
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2
- STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC
- INLET PROTECTION
- PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL
- TEMPORARY DITCH CHECK



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20-5000556

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	DRAWN - SW	REVISED -	
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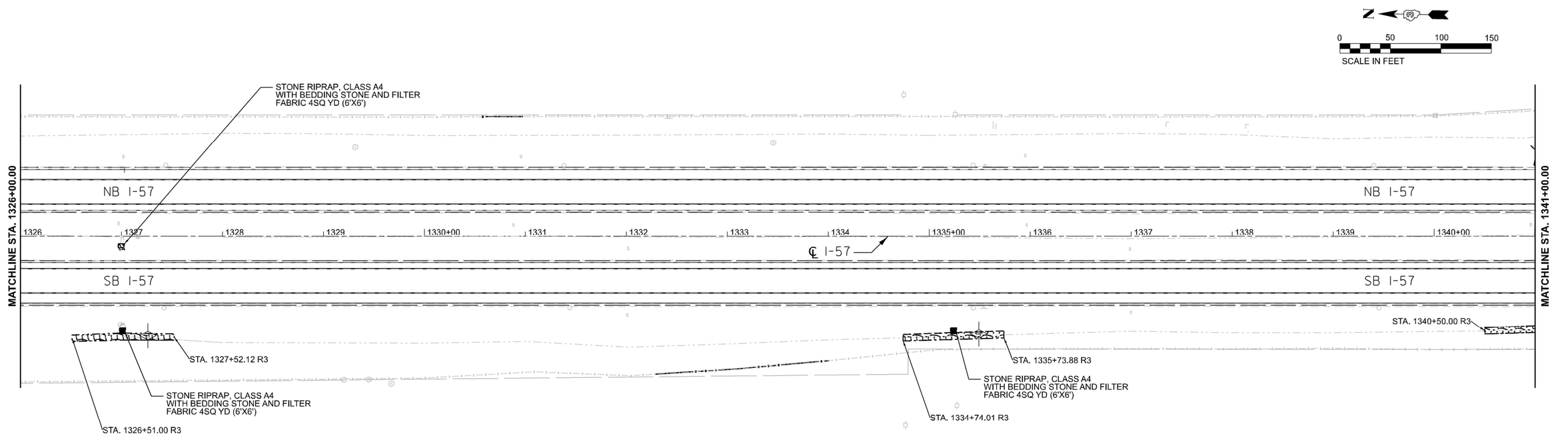
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

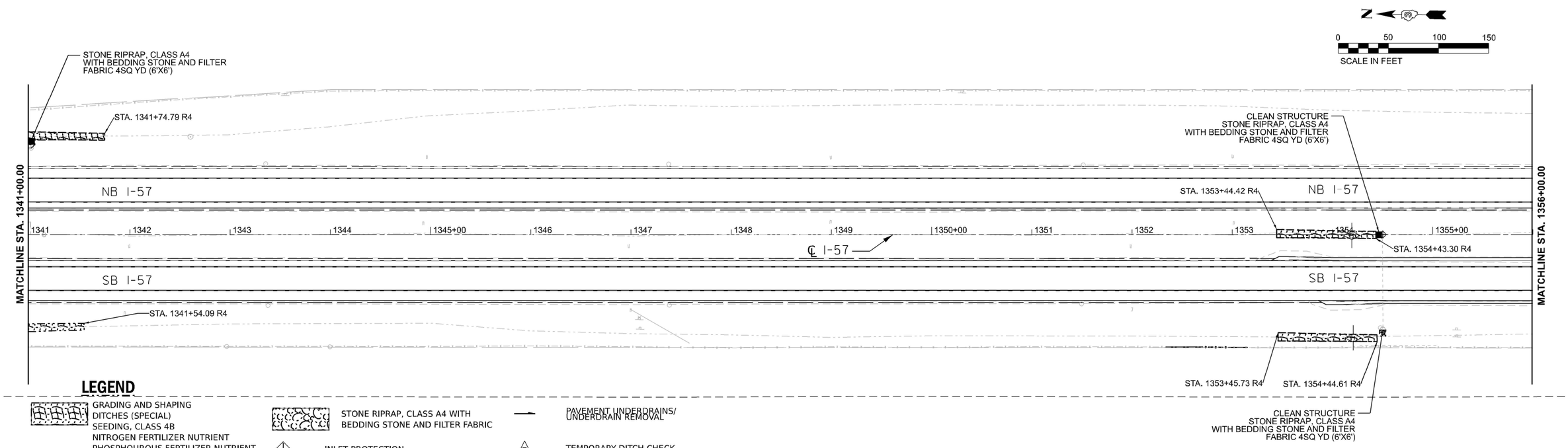
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	98
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





LEGEND

GRADING AND SHAPING
DITCHES (SPECIAL)
SEEDING, CLASS 4B
NITROGEN FERTILIZER NUTRIENT
PHOSPHOUROUS FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
MULCH METHOD 2

STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC

INLET PROTECTION

PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL

TEMPORARY DITCH CHECK

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PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAWING PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	99
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

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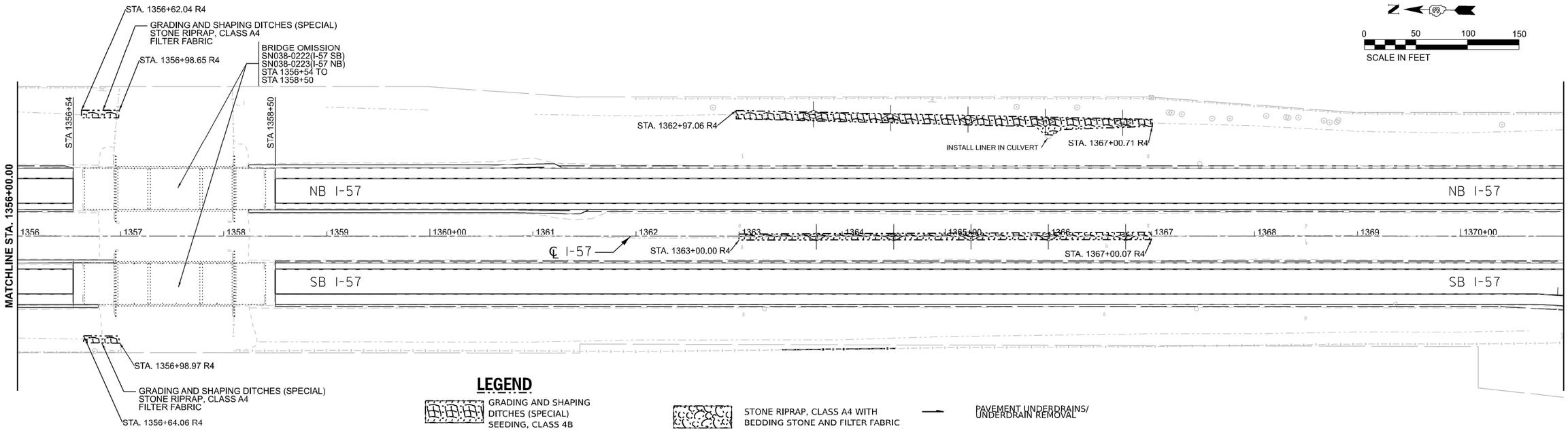

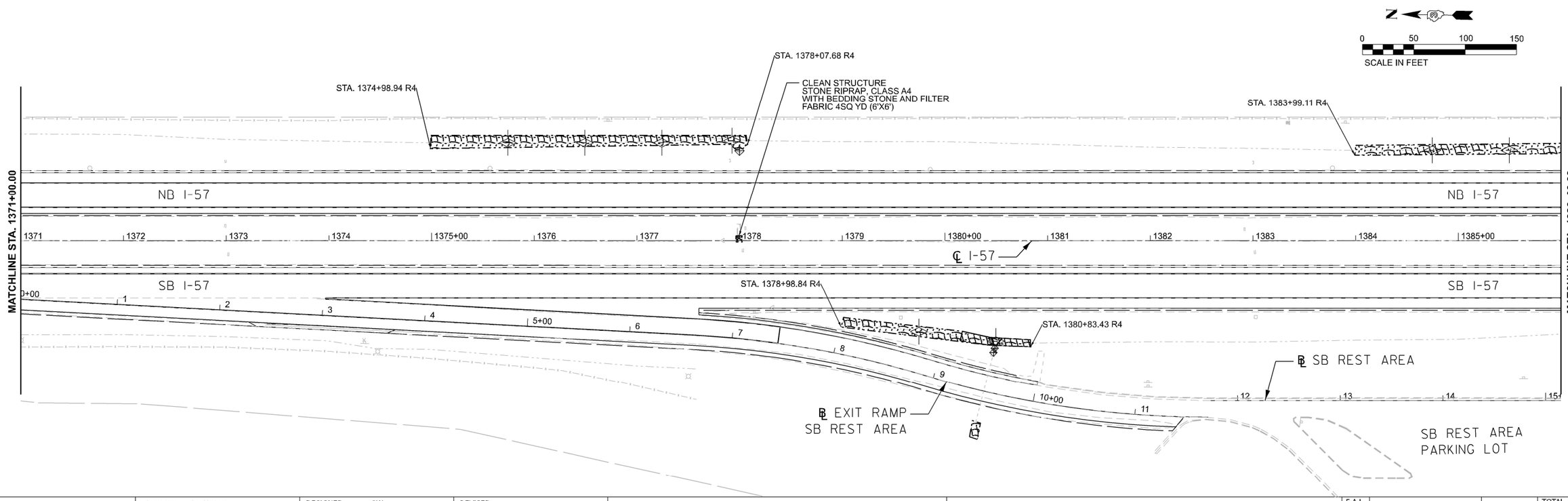

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PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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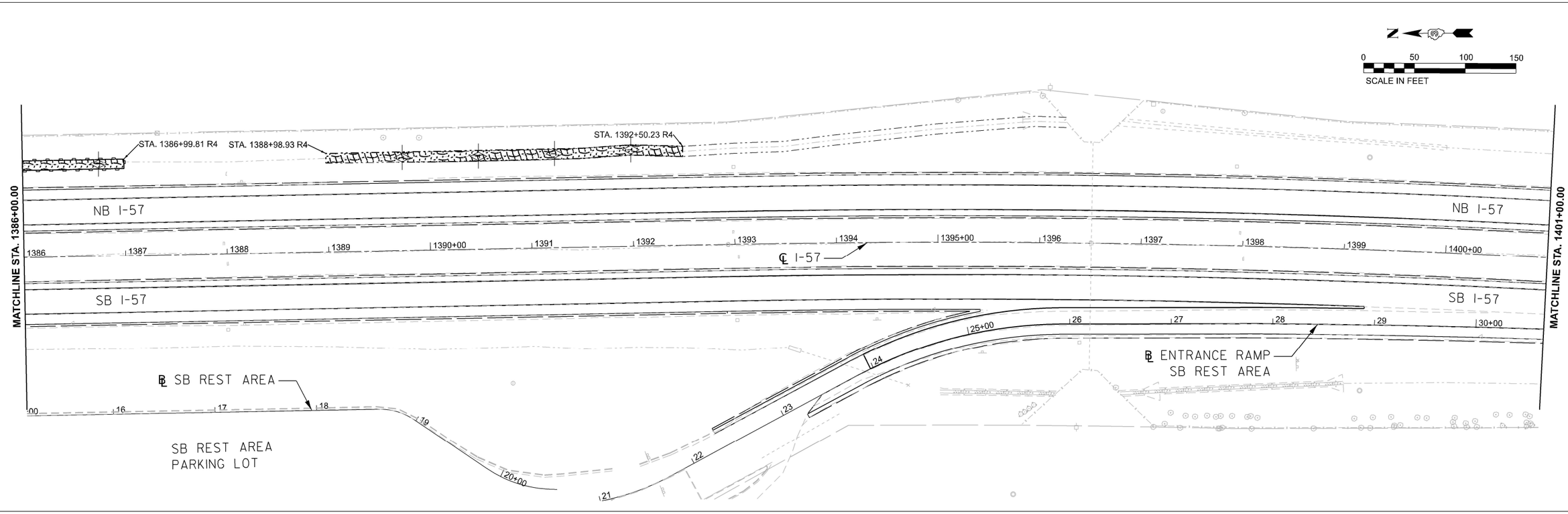
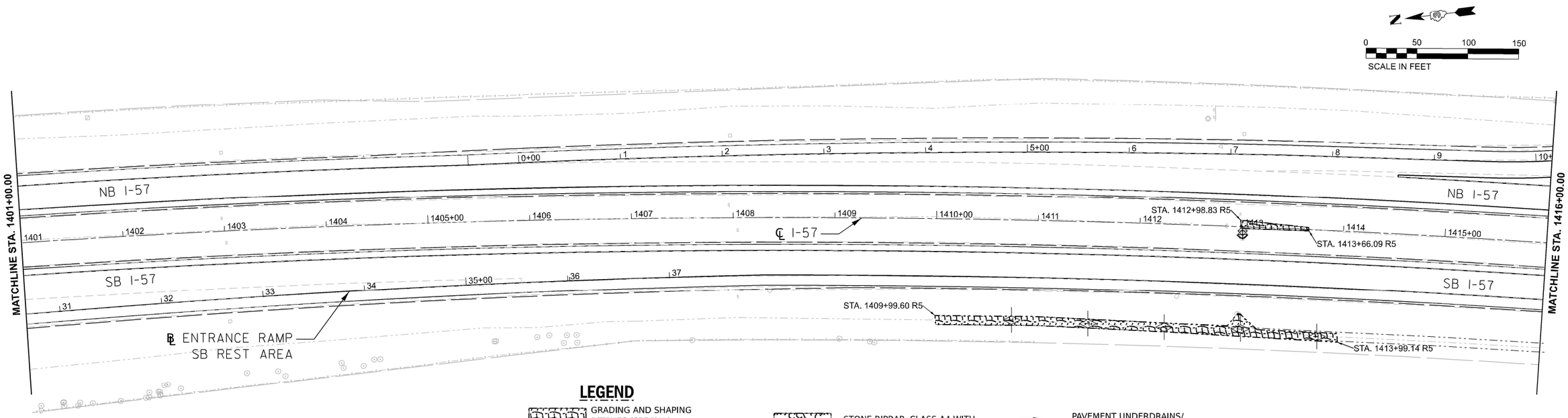
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2

STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC

INLET PROTECTION

PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL

TEMPORARY DITCH CHECK

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184.005752
20-5005561

USER NAME = hawki02095	DESIGNED - SW	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	DRAINAGE PLAN I-57	
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	101
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

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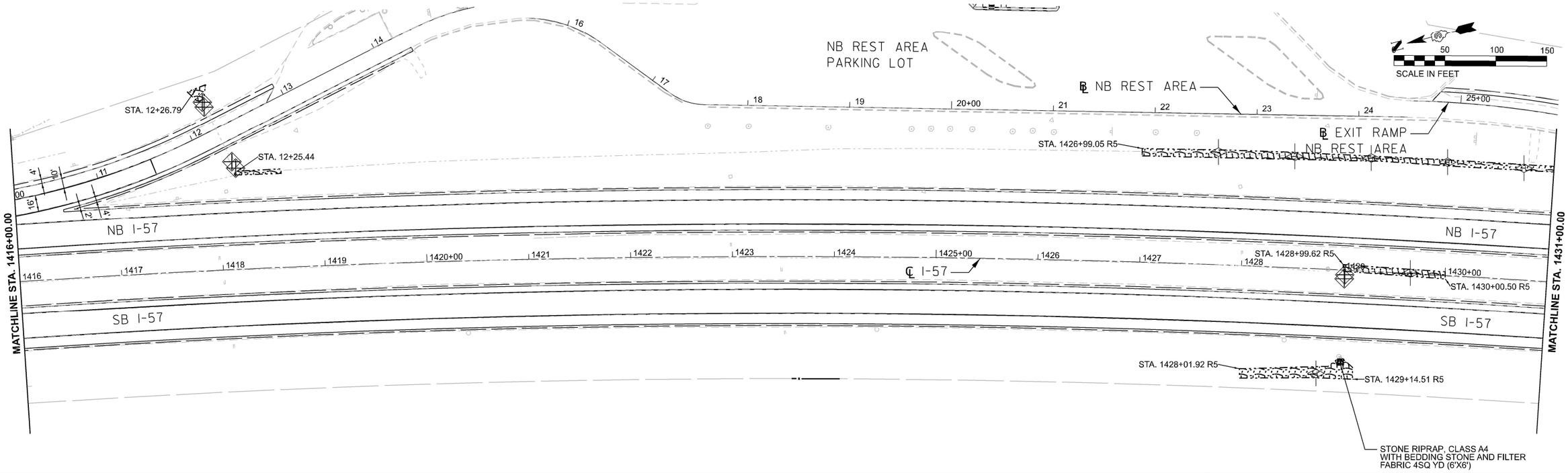

LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2
- STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC
- INLET PROTECTION
- PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL
- TEMPORARY DITCH CHECK

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20-5000556

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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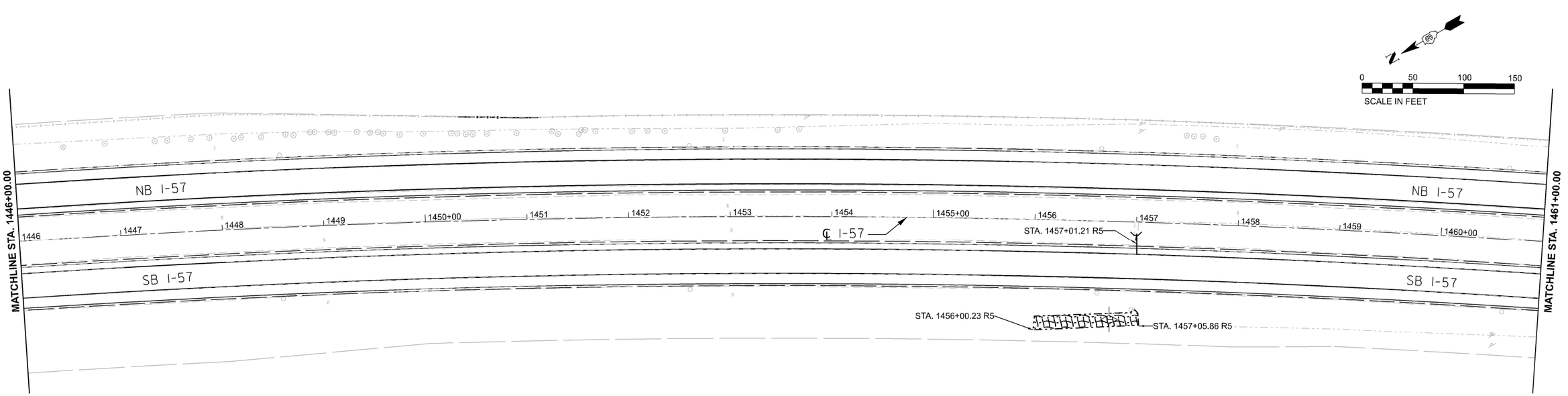
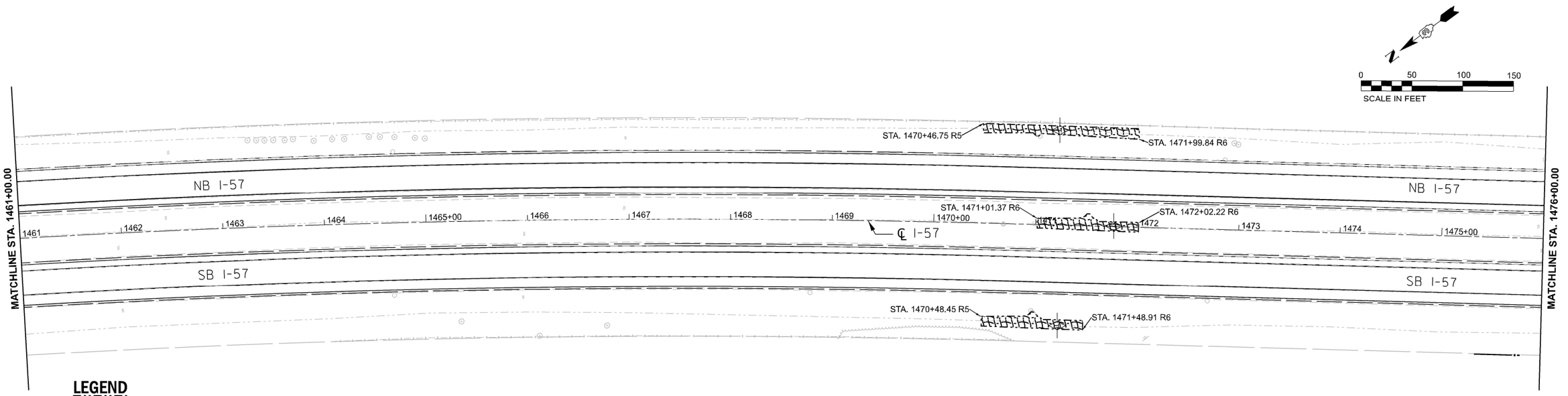
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2
- STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC
- INLET PROTECTION
- PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL
- TEMPORARY DITCH CHECK

MODEL: EXCL_I57_66H59 - Plan 13 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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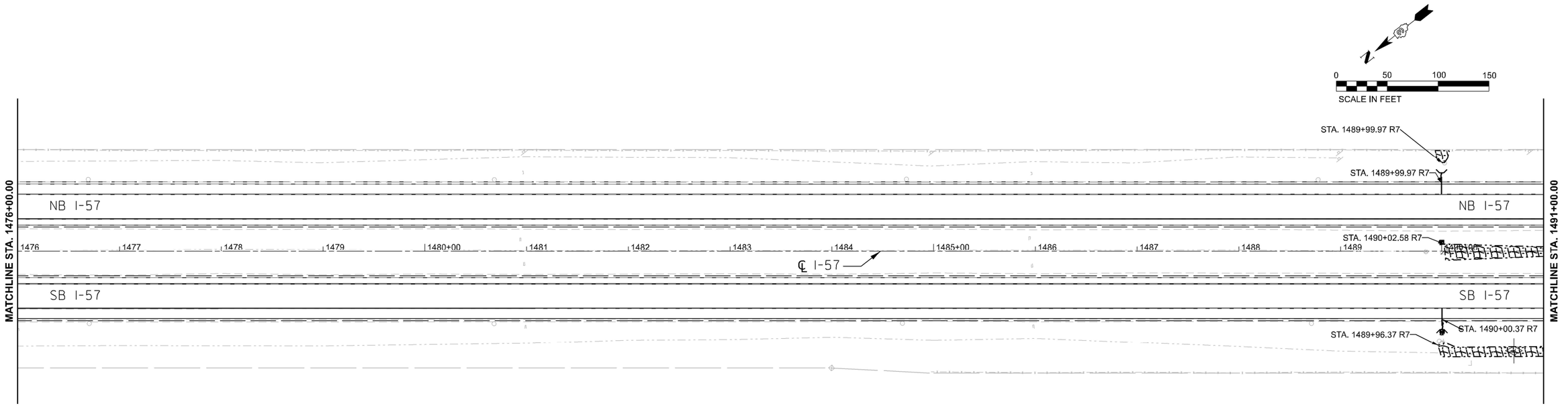
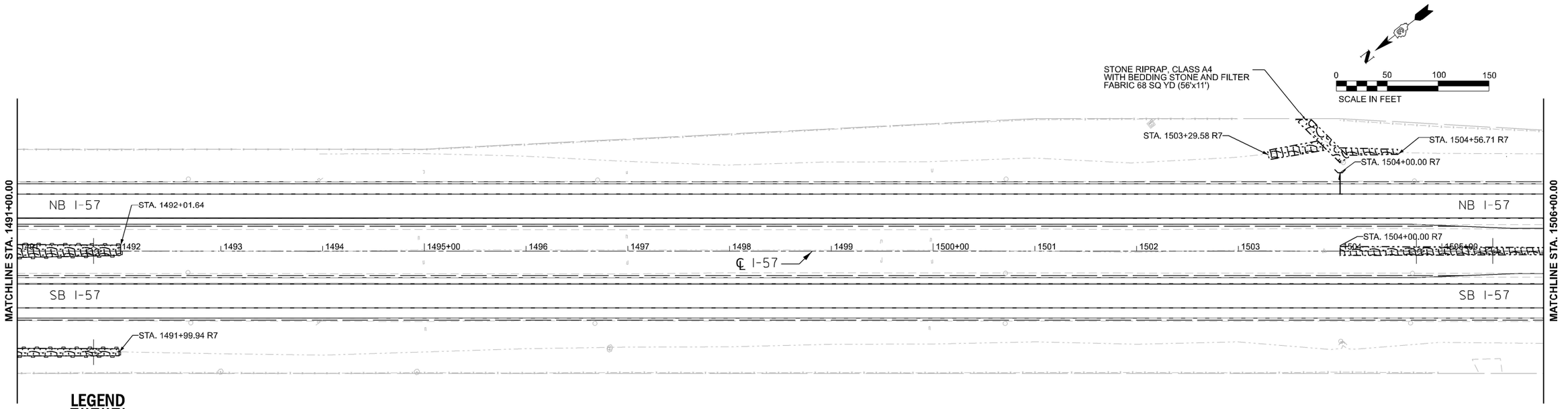
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2
- STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC
- INLET PROTECTION
- PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL
- TEMPORARY DITCH CHECK

MODEL: EXCL_I57_66H59 - Plan 15 [Sheet]
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LICENSED NO.
184.003572
20-5000556

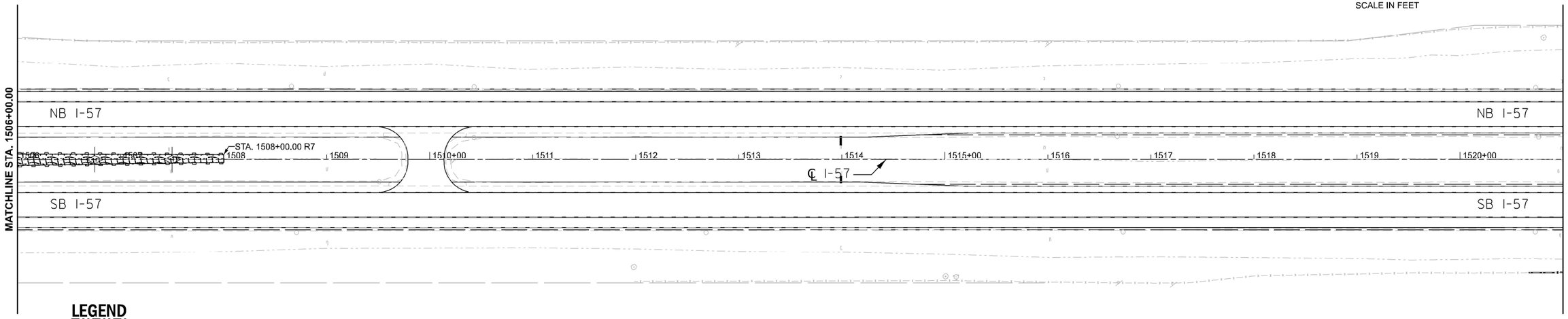
USER NAME = hawki02095	DESIGNED - SW	REVISED -	
	DRAWN - SW	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - RJB	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	104
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



LEGEND

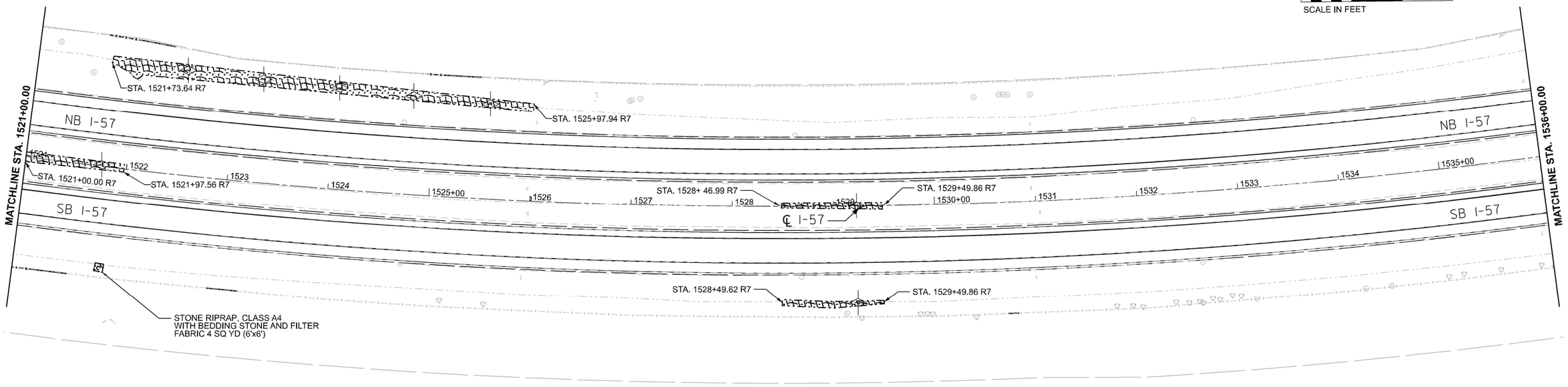
GRADING AND SHAPING
DITCHES (SPECIAL)
SEEDING, CLASS 4B
NITROGEN FERTILIZER NUTRIENT
PHOSPHOUROUS FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
MULCH METHOD 2

STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC

INLET PROTECTION

PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL

TEMPORARY DITCH CHECK



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SCALE IN FEET

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280-000161

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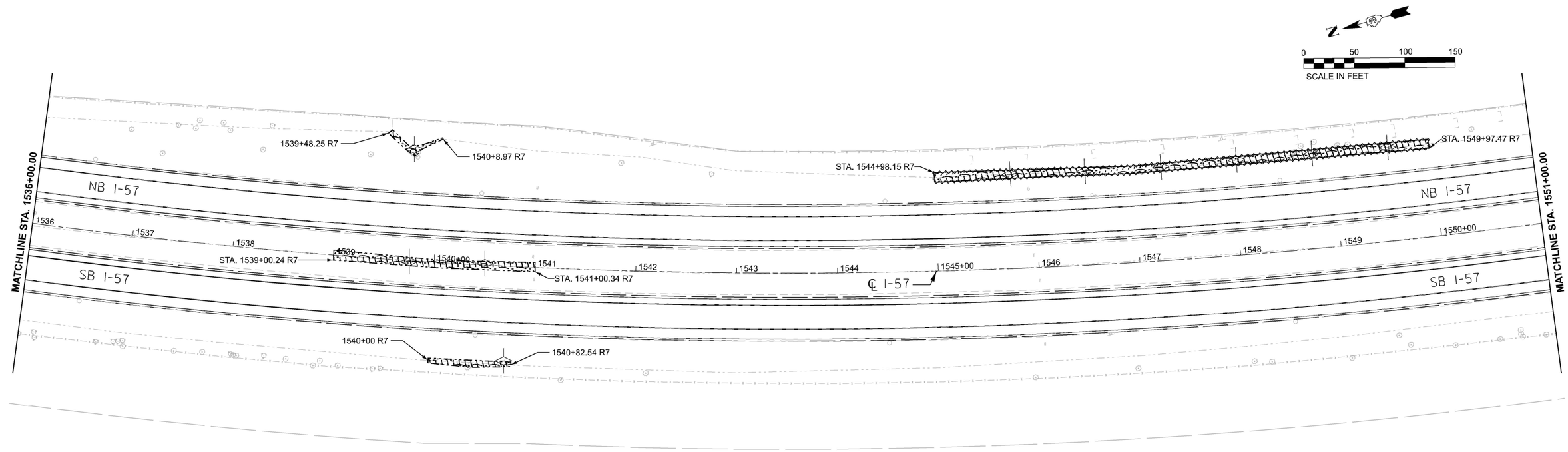
PLOT DATE	= 3/7/2025	DATE	- 02/26/25	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAWING PLAN
I-57

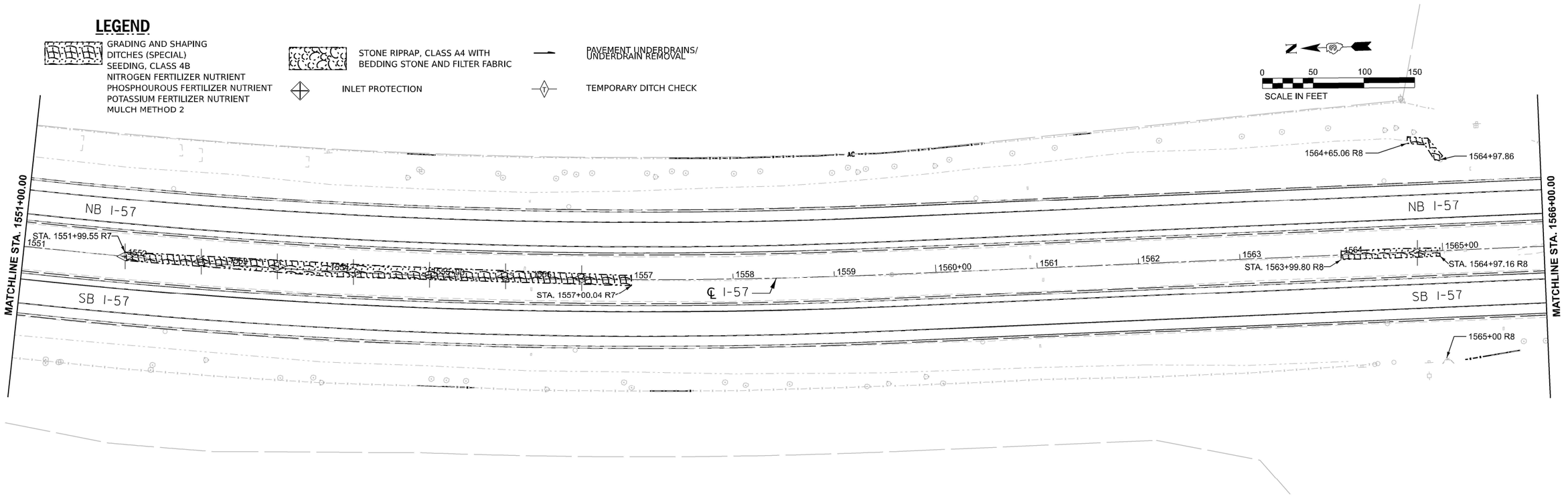
SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	105
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2
- STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC
- INLET PROTECTION
- PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL
- TEMPORARY DITCH CHECK



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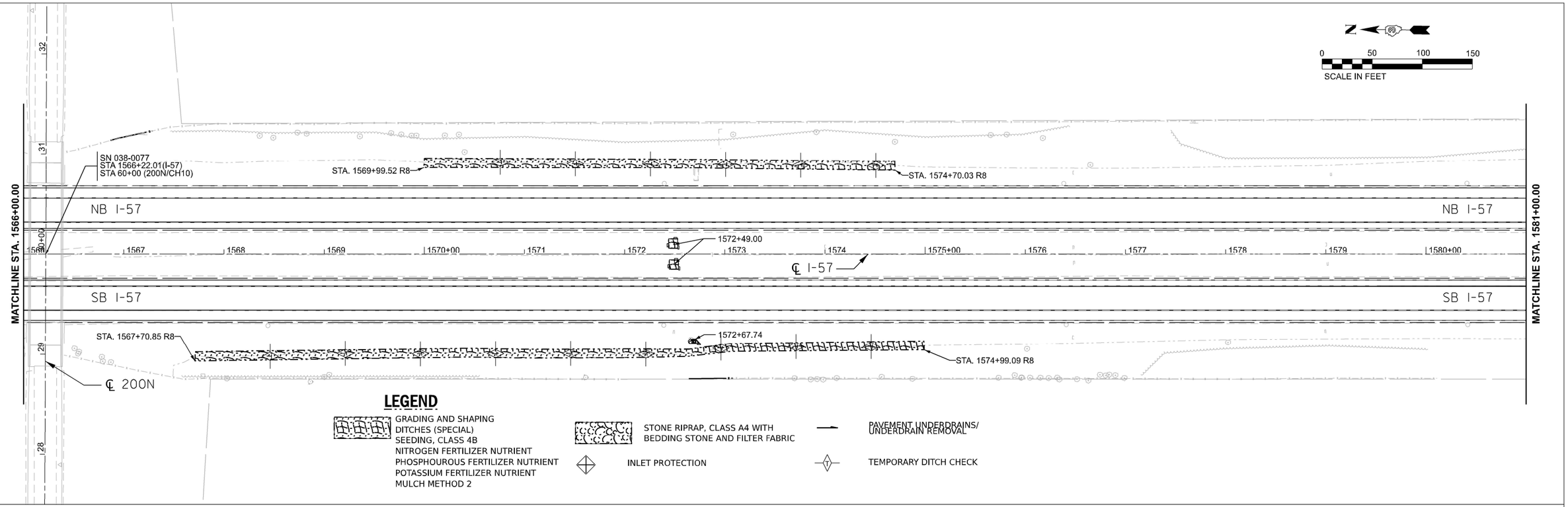
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	106
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



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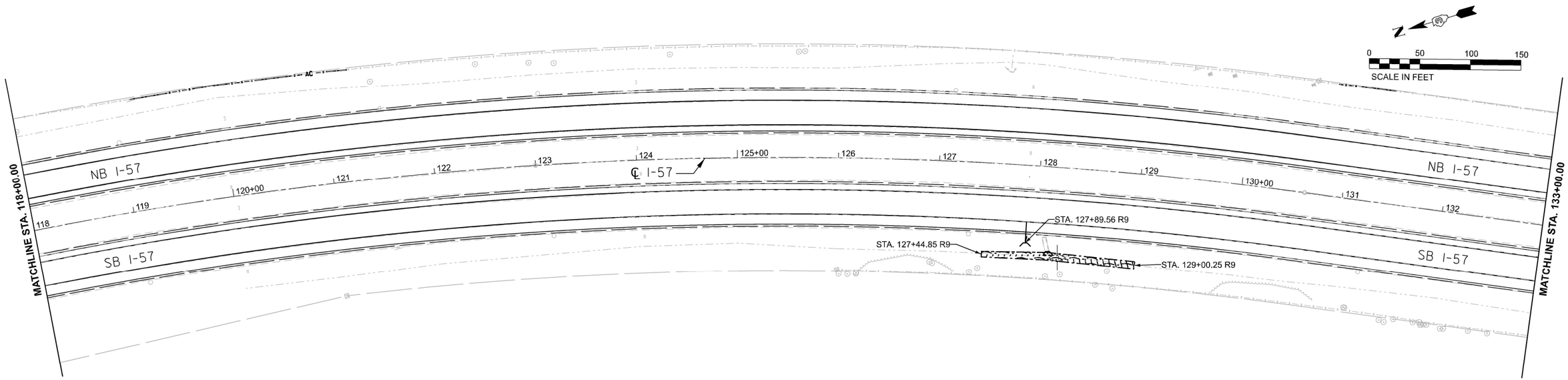
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

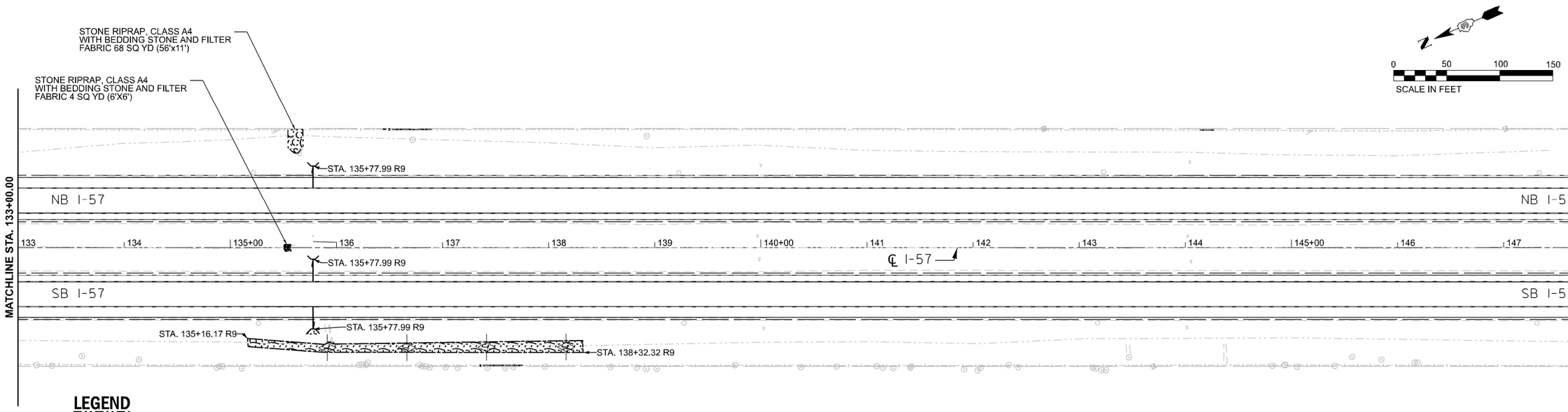
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	107
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2

STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC

INLET PROTECTION

PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL

TEMPORARY DITCH CHECK

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	DRAWN - SW	REVISED -	**DEPARTMENT OF TRANSPORTATION**	I-57	
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PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	108
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

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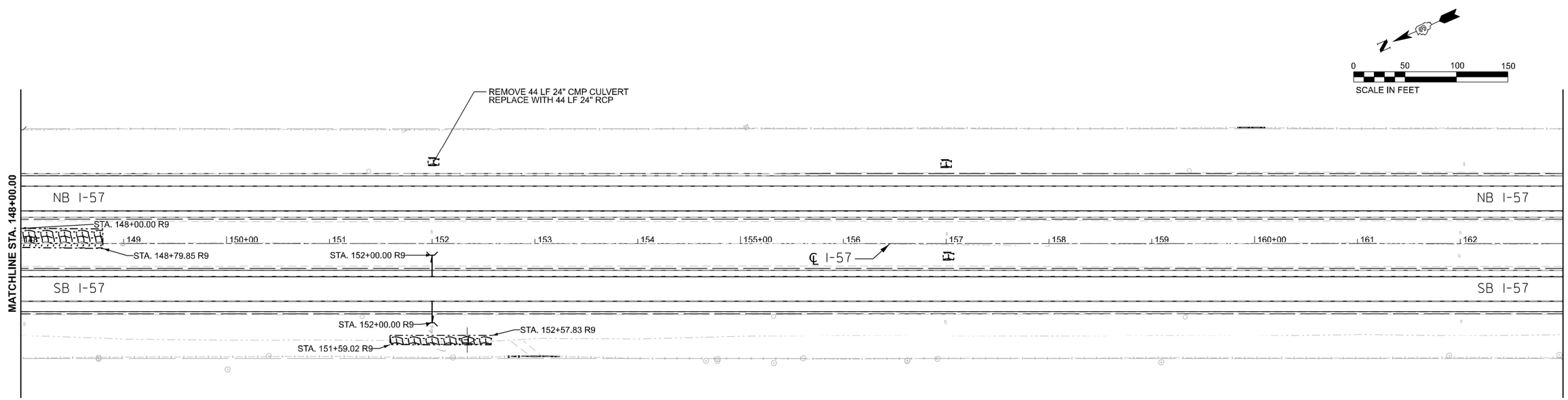

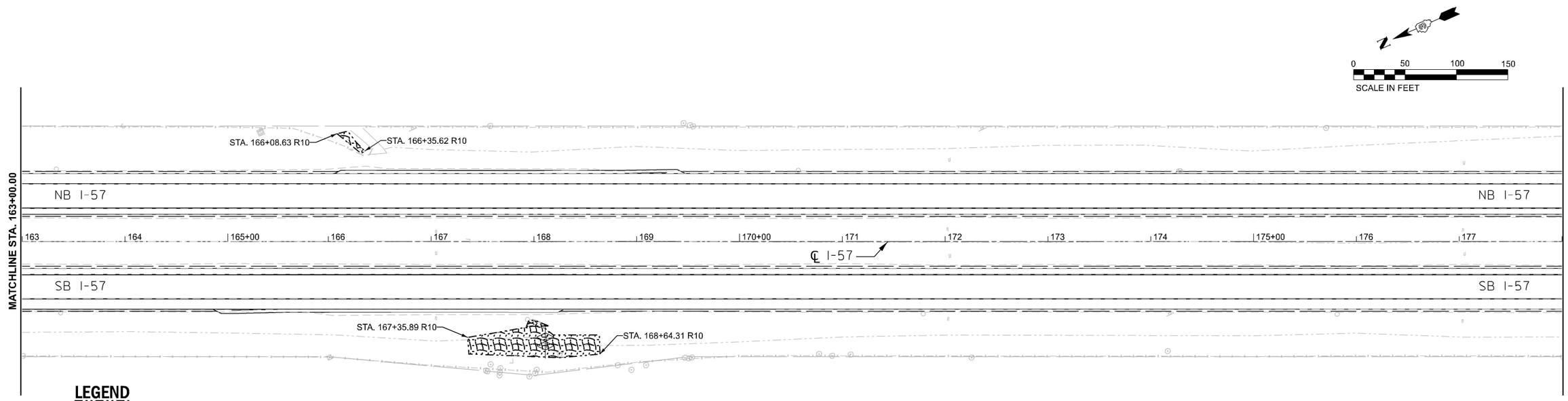

LEGEND

- GRADING AND SHAPING
- DITCHES (SPECIAL)
- SEEDING, CLASS 4B
- NITROGEN FERTILIZER NUTRIENT
- PHOSPHOUROUS FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- MULCH METHOD 2
- STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC
- INLET PROTECTION
- PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL
- TEMPORARY DITCH CHECK

MODEL: EXCL_I57_66H59 - Plan 25 [Sheet]
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20-5000556

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	DRAWN - SW	REVISED -	
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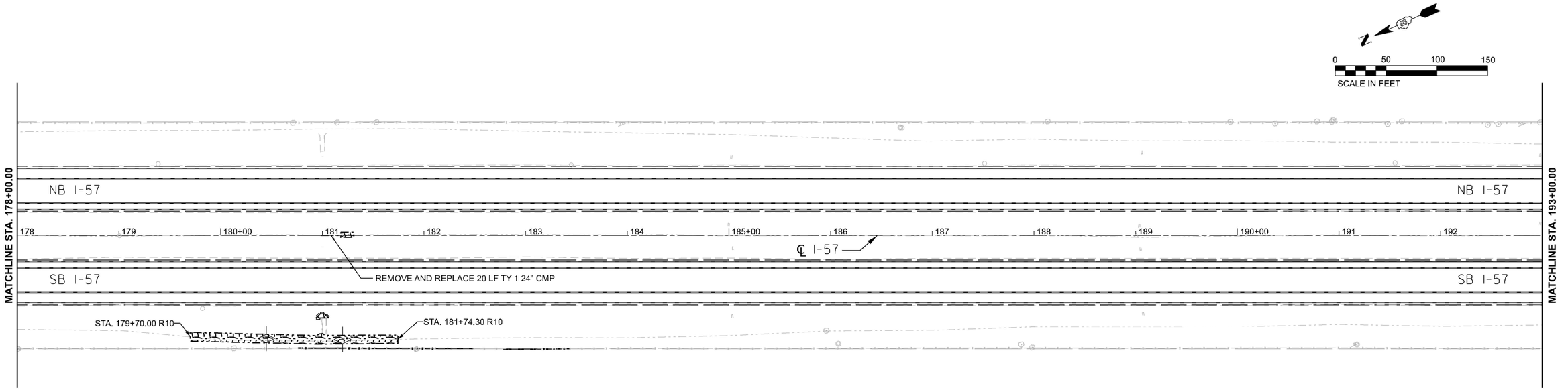
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

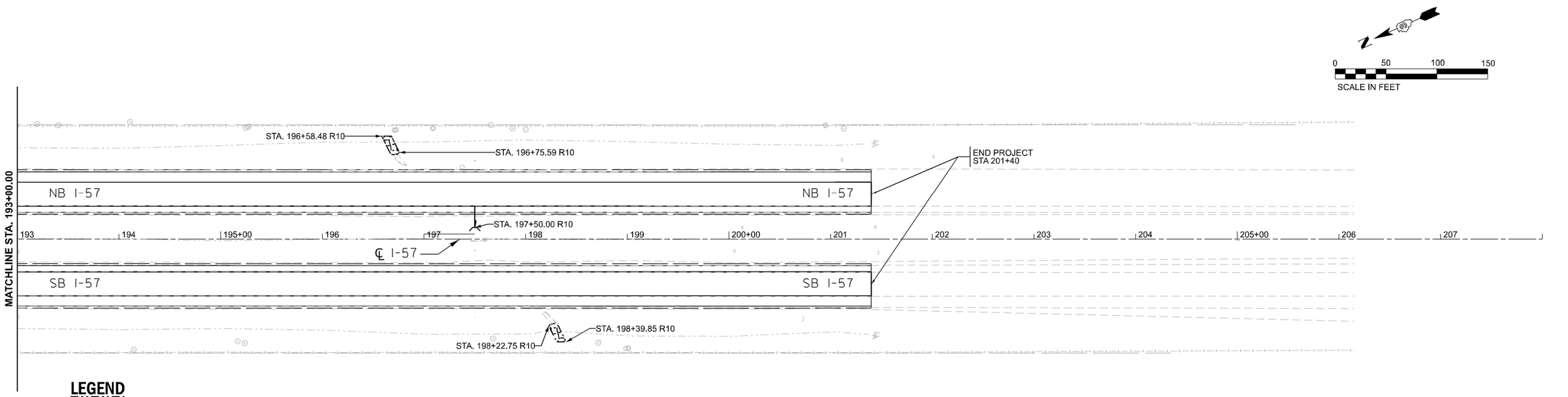
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
I-57

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	109
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	





LEGEND

GRADING AND SHAPING
DITCHES (SPECIAL)
SEEDING, CLASS 4B
NITROGEN FERTILIZER NUTRIENT
PHOSPHOUROUS FERTILIZER NUTRIENT
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MULCH METHOD 2

STONE RIPRAP, CLASS A4 WITH BEDDING STONE AND FILTER FABRIC

INLET PROTECTION

PAVEMENT UNDERDRAINS/ UNDERDRAIN REMOVAL

TEMPORARY DITCH CHECK

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USER NAME = hawki02095	DESIGNED - SW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN I-57	
	DRAWN - SW	REVISED -			
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PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	110
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

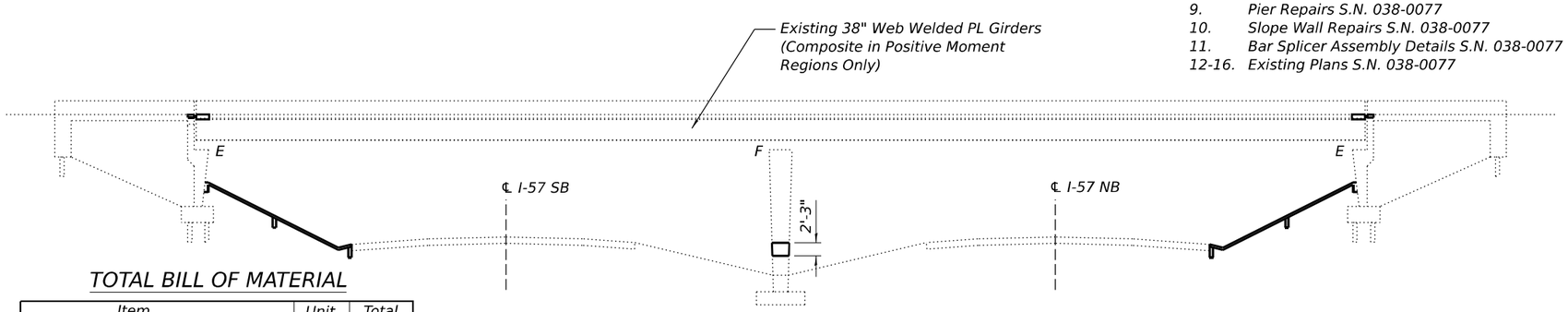
MODEL: EXCL_I57_66H59 - Plan 27 [Sheet]
FILE NAME: pw://hanscnin-cpw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_29/CAD/CADsheets/KEG Sheets/D366H59-alt-drg-002.dgn

Existing Structure: SN 038-0077 was originally built as in 1968 CH Rte. 10 over F.A.I. Rte. 57, Section 38-8HB-1. The existing bridge is a two span bridge with two approach spans, 225'-0" back to back of approach bents and 34'-0" out to out of deck. The deck is supported by continuous 38" web welded plate girders on closed vaulted abutments and approach bents supported by concrete piles and a two column trapezoidal pier on a spread footing. Construction will be completed utilizing stage construction.

No Salvage.

INDEX OF SHEETS

1. General Plan and Elevation S.N. 038-0077
2. Stage Construction S.N. 038-0077
3. Deck Repair Plan S.N. 038-0077
4-5. Abut. Joint Rmvl. and Replacement S.N. 038-0077
6. Preformed Joint Strip Seal S.N. 038-0077
7. Abutment Repairs S.N. 038-0077
8. Pier Crashwall Extension S.N. 038-0077
9. Pier Repairs S.N. 038-0077
10. Slope Wall Repairs S.N. 038-0077
11. Bar Splicer Assembly Details S.N. 038-0077
12-16. Existing Plans S.N. 038-0077



ELEVATION

TOTAL BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	5.2
Slope Wall Removal	Sq. Yd.	218
Protective Shield	Sq. Yd.	333
Concrete Structures	Cu. Yd.	4.2
Concrete Superstructure	Cu. Yd.	5.1
Protective Coat	Sq. Yd.	35
Reinforcement Bars, Epoxy Coated	Pound	1580
Bar Splicers	Each	22
Slope Wall 4 Inch	Sq. Yd.	218
Preformed Joint Strip Seal	Foot	68
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	27
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	3

DESIGN STRESSES

EXISTING CONSTRUCTION

fc = 1,400 psi (Substructure)
fs = 20,000 psi (Reinforcement)
fs = 20,000 psi (Structural Steel)

NEW CONSTRUCTION

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

LICENSED STRUCTURAL ENGINEER
PATRICK M. HANNEMANN
081-007568
STATE OF ILLINOIS

SIGNATURE

05/09/2025
DATE

LIC. EXP. DATE 11/30/2026

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications.

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

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.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

Areas of deck repairs shown are estimated.

The Engineer shall show actual locations and size of deck repairs on As-built Plans.

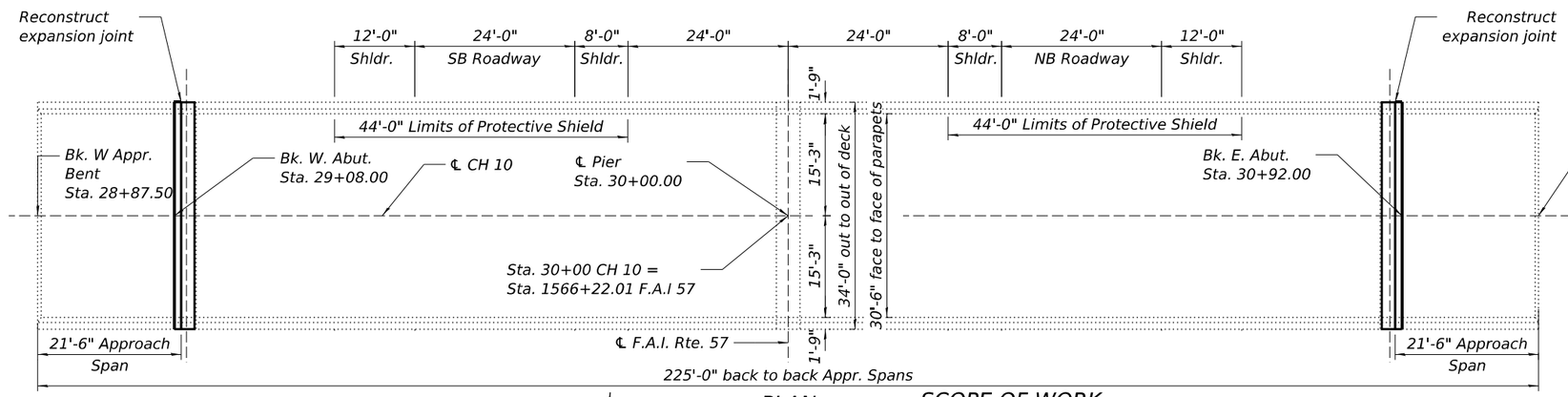
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F

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.
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 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition.
The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

The cost of epoxy grouting reinforcement bars shall be included with Reinforcement Bars, Epoxy Coated.

No Construction Loading shall be allowed within the Stage limits of the approach span adjacent to expansion joint reconstruction locations from the time when Concrete Removal operations have commenced until the joint concrete has attained the required flexural strength.



PLAN

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges

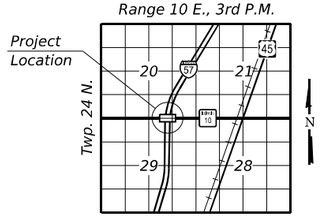
LOADING HS20-44

N

SCOPE OF WORK

1. *Provide Protective Shield within limits indicated on the plans.*
2. *Perform Deck Slab Repairs.*
3. *Reconstruct Expansion Joints at the East and West Abutments and install new preformed joint strip seals.*
4. *Apply protective coat to top of reconstructed joint areas, top and inside faces of parapets.*
5. *Perform Slope Wall Removal and Replacement.*
6. *Perform structural repair of concrete for the West Abutment and Pier as indicated in the plans.*
7. *Install Crash Wall Extension to a minimum height of 5 feet above finished grade.*

Range 10 E., 3rd P.M.



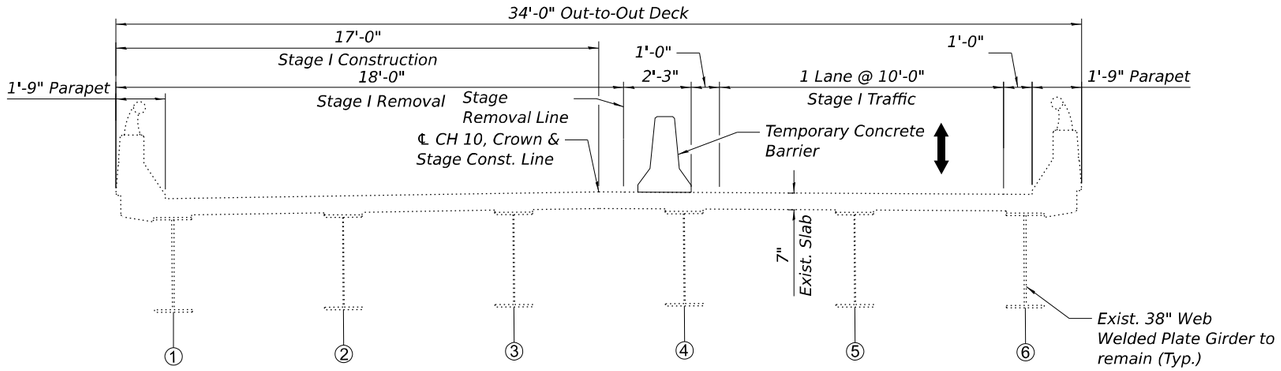
LOCATION SKETCH

GENERAL PLAN & ELEVATION
CH 10 OVER F.A.I. RTE. 57 (I-57)
SECTION (38-9,38-8,38-7)RS,RA,BRR
IROQUOIS COUNTY
STATION 1566+22.01
STRUCTURE NO. 038-0077

MODEL: 038-0077 GPE
FILE NAME: pw://hansonine-ew.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADSheets/D366H59-InBridge_038-0077.dgn

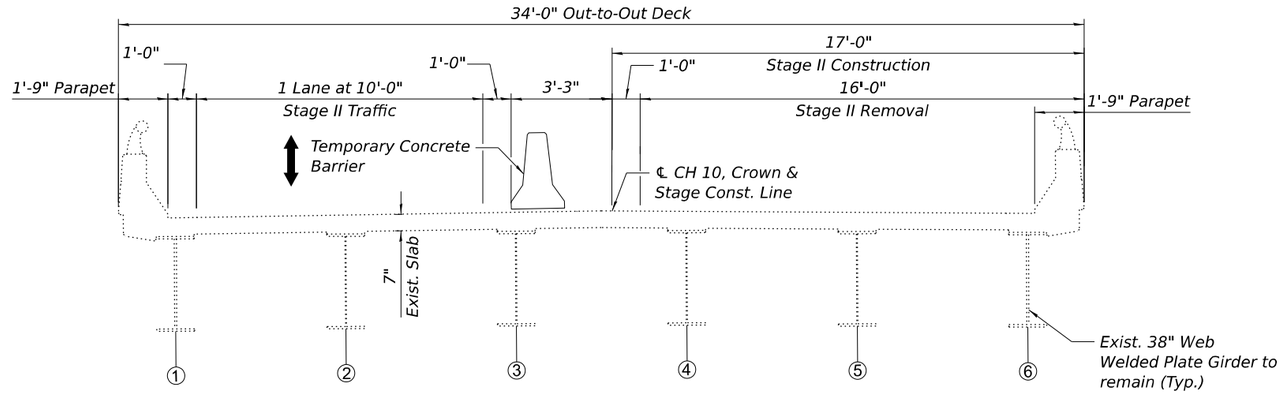
HANSON	USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS GENERAL PLAN AND ELEVATION S.N. 038-0077
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:2.0000 ':' / In.	CHECKED - PMH	REVISED -		
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 1 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	111
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



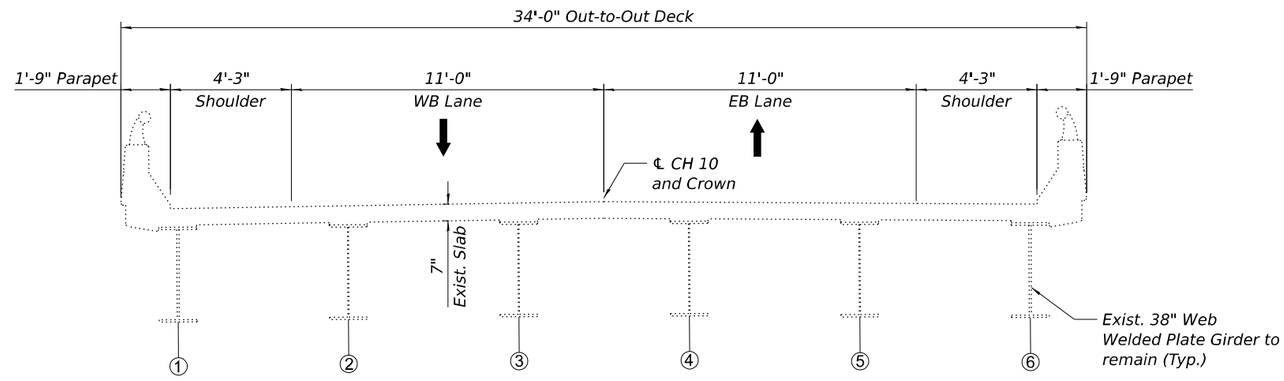
STAGE I REMOVAL & CONSTRUCTION

(Looking East)



STAGE II REMOVAL & CONSTRUCTION

(Looking East)



FINAL DECK CROSS SECTION

(Looking East)

STAGE I

1. Install temporary concrete barrier as shown to locate traffic on the south side of the existing structure.
2. Remove areas of existing deck for full-depth slab repairs at locations shown in the plans.
3. Remove portions of bridge deck adjacent to expansion joints at the East and West Abutments
4. Perform bridge deck slab repairs
5. Reconstruct transverse expanion joints and install new preformed joint strip seals within the limits of Stage I Construction.

STAGE II

1. Relocate temporary concrete barrier as shown to locate traffic on the north side of the existing structure.
2. Remove areas of existing deck for full-depth slab repairs at locations shown in the plans.
3. Remove portions of bridge deck adjacent to expansion joints at the East and West Abutments
4. Perform bridge deck slab repairs
5. Reconstruct transverse expanion joints and install new preformed joint strip seals within the limits of Stage II Construction.

NOTE:

No Construction Loading shall be allowed within the Stage limits of the approach span adjacent to expansion joint reconstruction locations from the time when Concrete Removal operations have commenced until the joint concrete has attained the required flexural strength.

MODEL: 038-0077 Stage Construction
FILE NAME: pw://hansonlin-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23MI0038_09I/CAD/CADSheets/D36H59-IntBridge_038-0077.dgn

HANSON

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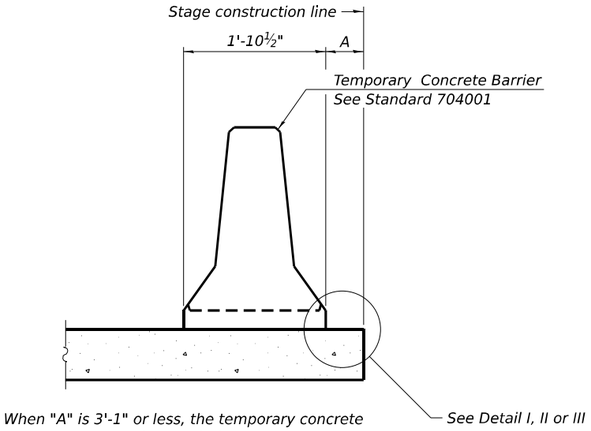
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
STAGE CONSTRUCTION SN. 038-0077

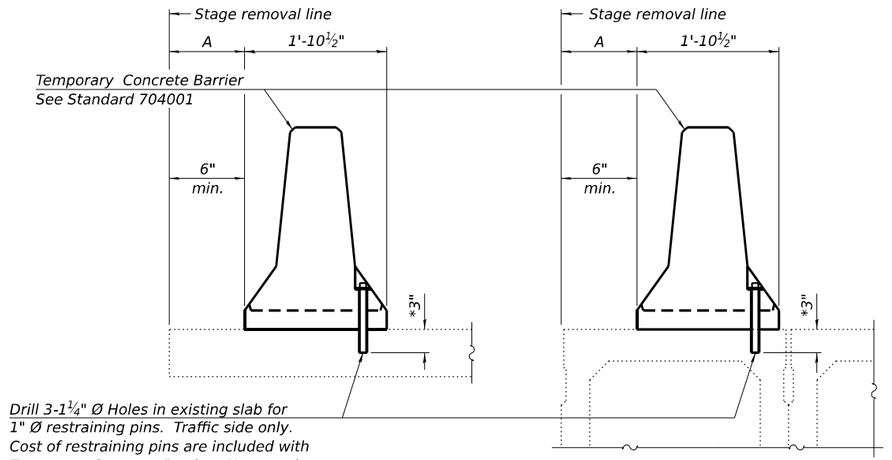
SHEET 2 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	112
		CONTRACT NO. 66H59		
	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

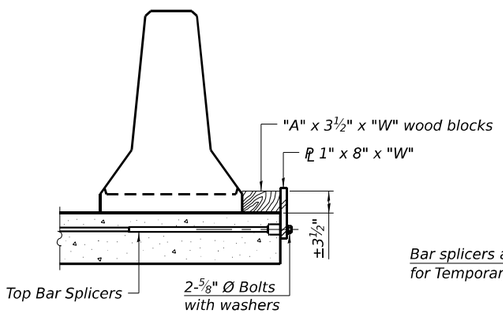


EXISTING SLAB

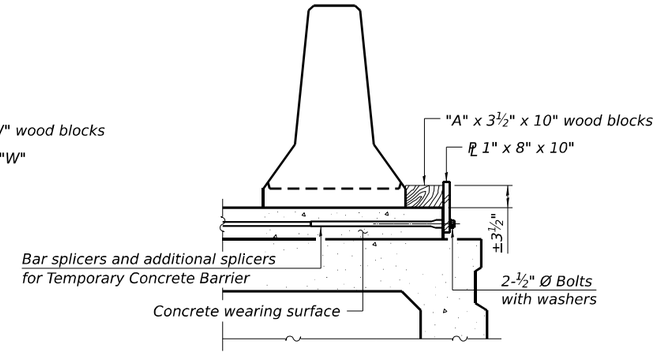
EXISTING DECK BEAM

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

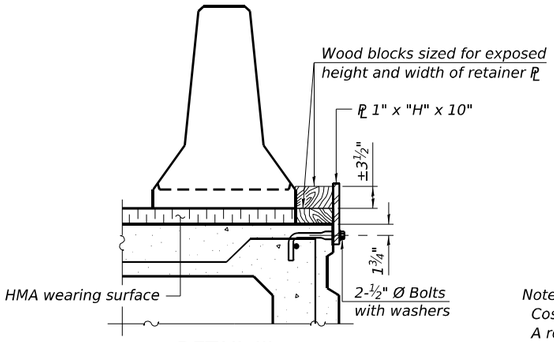
SECTIONS THRU SLAB OR DECK BEAM



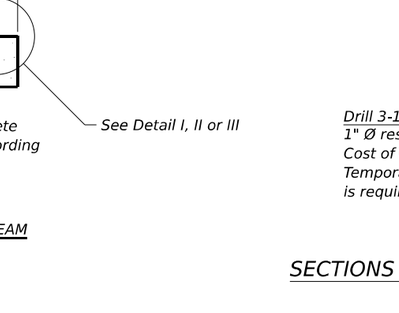
DETAIL I



DETAIL II

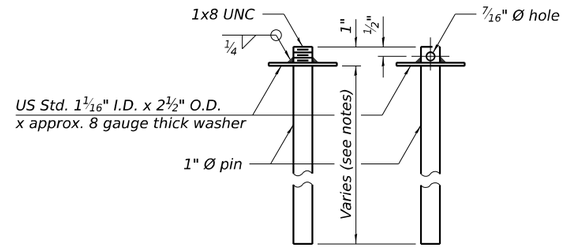


DETAIL III

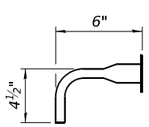


STEEL RETAINER ℄ 1" x 8" x "W"
(Detail I and II)

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



RESTRAINING PIN



BAR SPLICER FOR #4 BAR - DETAIL III

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023

Notes:

Cost of retainer assembly is included with Temporary Concrete Barrier.

A retainer assembly shall be located at the approximate ℄ 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 1½", 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.

MODEL: 038-0077 Temporary Concrete Barrier
FILE NAME: pw://hansonlinc-pw.bentley.com:hansonlinc-pw-01/Documents/23jobs/23H0038_039/CAD/CADsheets/D366H59-sht-Bridge_038-0077.dgn

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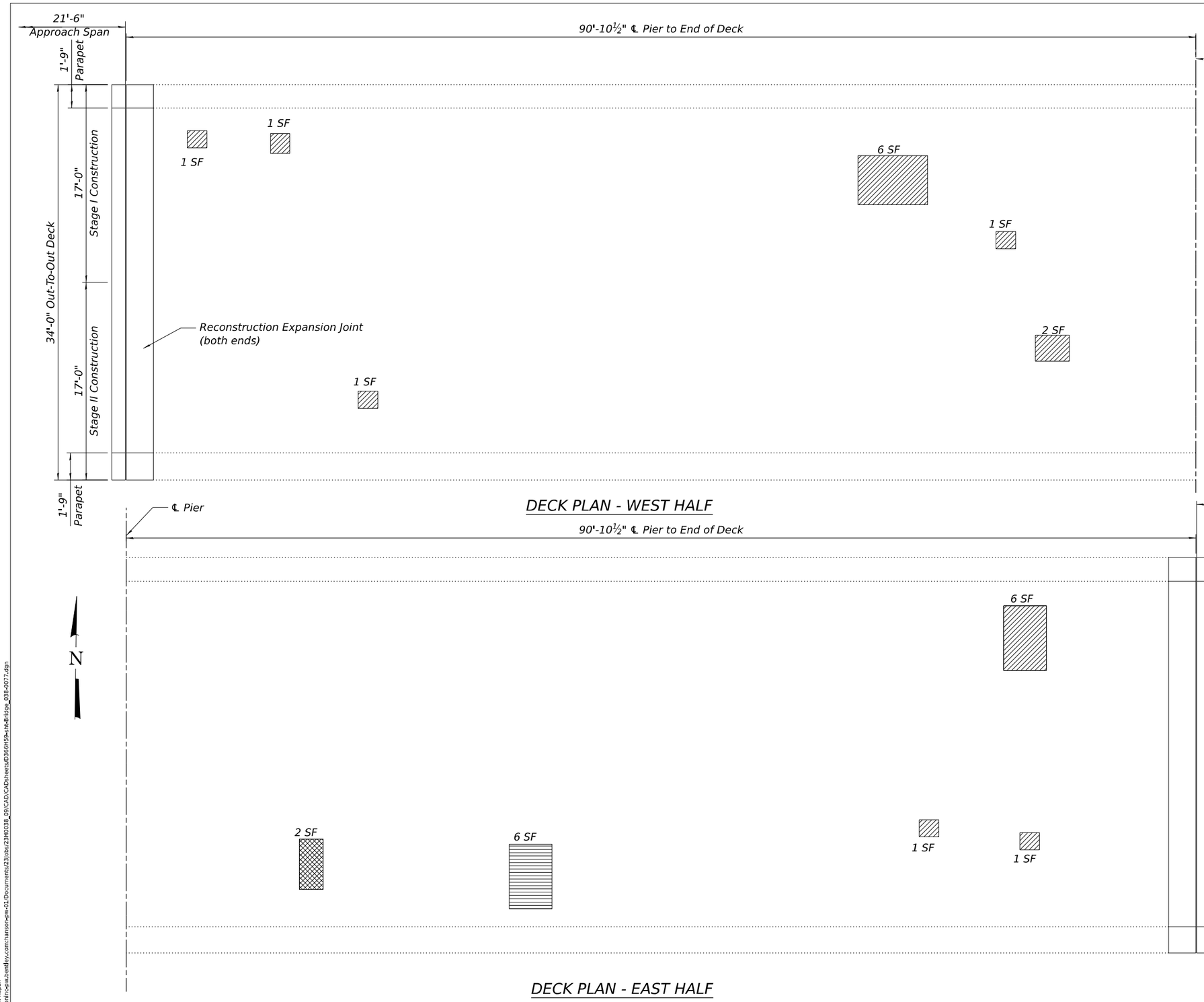
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
TEMPORARY CONCRETE BARRIER S.N. 038-0077
SHEET 3 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	113
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



DECK PLAN - WEST HALF

DECK PLAN - EAST HALF

NOTES:

1. Areas of deck repair shown are estimated. The Engineer shall show actual locations of deck repairs at the time of construction.
2. For Abutment joint removal and reconstruction, see Abut. Jt. Rmvl. and Replacement Detail sheets.
3. Protective Coat shall be applied to the top of reconstructed joints, top and inside face of parapets, and top of deck and approach slab repairs.
4. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to Concrete Removal.
5. The Contractor shall exercise extreme caution during Concrete Removal to avoid damaging the steel beams and diaphragms to remain. Any damage to the existing steel beams and/or diaphragms to remain caused by the Contractor in the performance of his/her work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
6. Removal of existing preformed joint seal is included in the cost of Preformed Joint Strip Seal.

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	3
Protective Coat	Sq. Yd.	4

LEGEND

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

MODEL: 038-0077 Deck Repair
FILE NAME: pw://hansonllc-pw.bentley.com:hanson-pw-01/Documents/23/jobs/23H0038_09/CAD/CADsheets/D3366H59-sht-Bridge_038-0077.dgn

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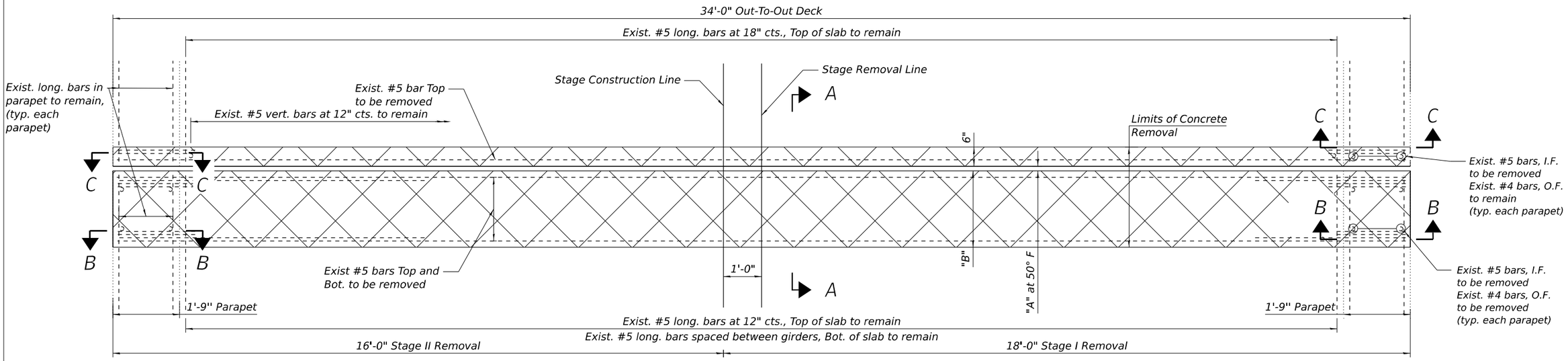
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
DECK REPAIR PLAN S.N. 038-0077
SHEET 4 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	114
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

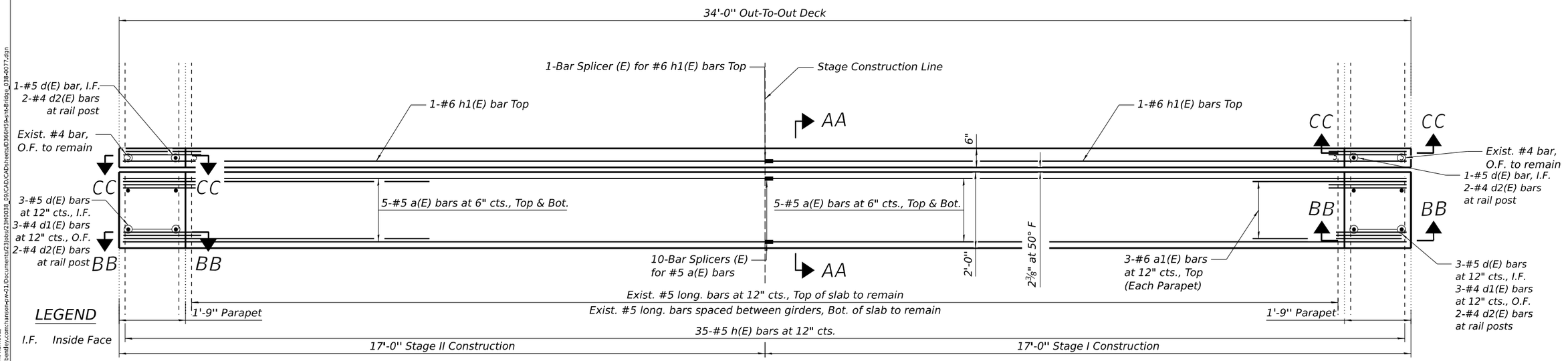


WEST ABUTMENT JOINT REMOVAL PLAN

(EAST ABUTMENT ROTATED 180°)

NOTES:

1. For Sections A-A, B-B, C-C, AA-AA, BB-BB, and CC-CC, see Sheet 6 of 16.
2. For Joint Dimensions "A" and "B", see Sheet 6 of 16.



LEGEND

I.F. Inside Face

O.F. Outside Face

Concrete Removal

WEST ABUTMENT JOINT RECONSTRUCTION PLAN

(EAST ABUTMENT ROTATED 180°)

MODEL: 038-0077 Abutment Joint Removal
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Bridge_038-0077.dgn

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		DRAWN - KMP	REVISED -		
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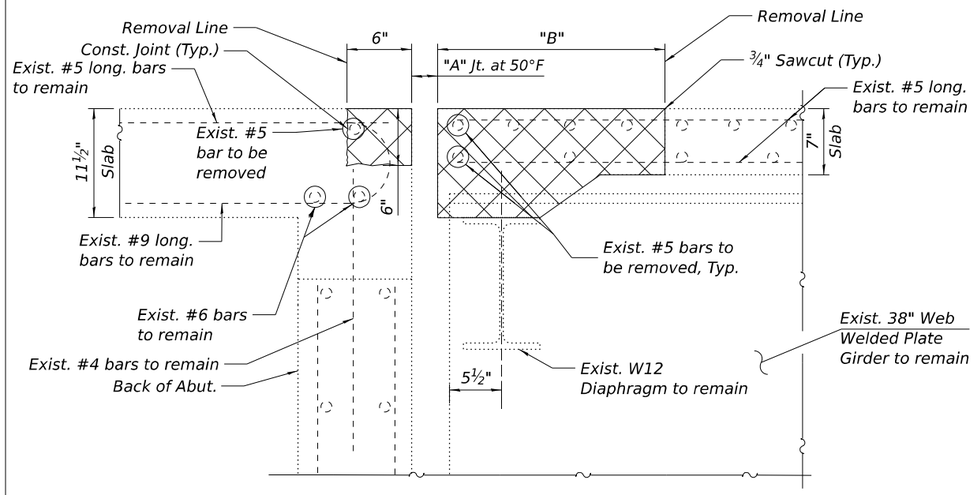
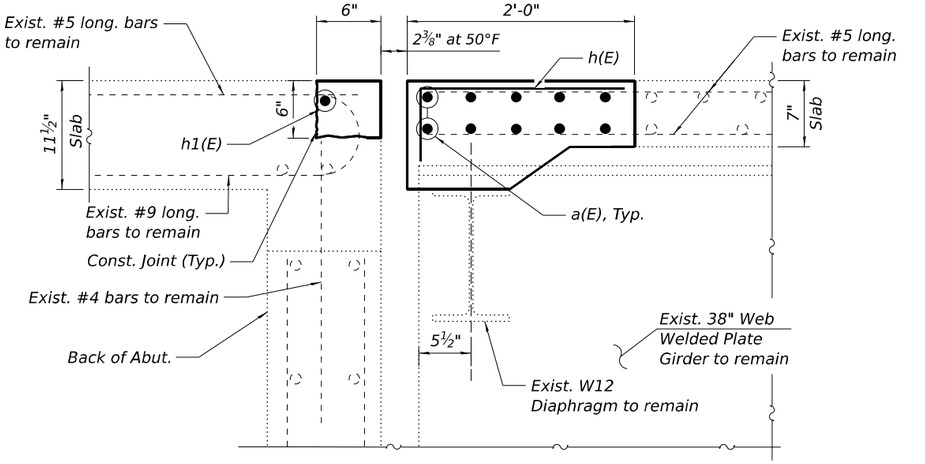
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 5 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	115
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		



SECTION A-A



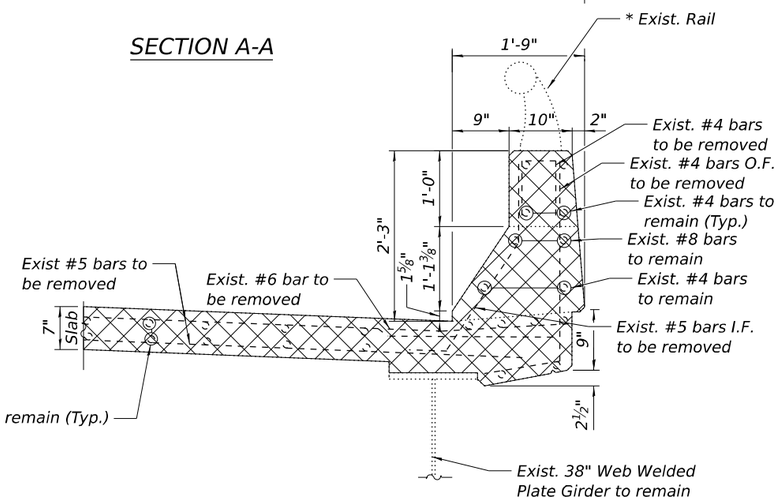
SECTION AA-AA

TWO EXPANSION JOINTS BILL OF MATERIAL

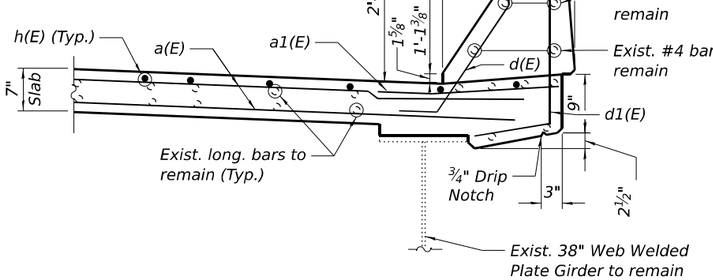
Bar	No.	Size	Length	Shape
a(E)	40	#5	16'-6"	
a1(E)	12	#6	6'-0"	
d(E)	16	#5	3'-5"	
d1(E)	12	#4	3'-7"	
d2(E)	16	#4	2'-1"	
h(E)	70	#5	2'-0"	
h1(E)	4	#6	16'-6"	
Concrete Removal			Cu. Yd.	5.2
Concrete Superstructure			Cu. Yd.	5.1
Protective Coat			Sq. Yd.	15
Reinforcement Bars, Epoxy Coated			Pound	1150

JOINT DIMENSIONS

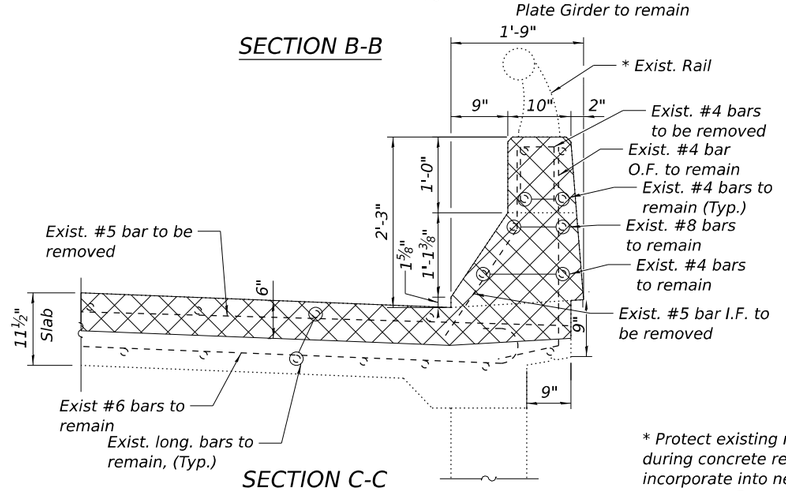
Location	Joint Opening "A"	Dimension "B"
W. Abutment	$1^{11}/_{16}$"	$2'\text{-}0^{11}/_{16}$"
E. Abutment	$1^{15}/_{16}$"	$2'\text{-}0^{7}/_{16}$"



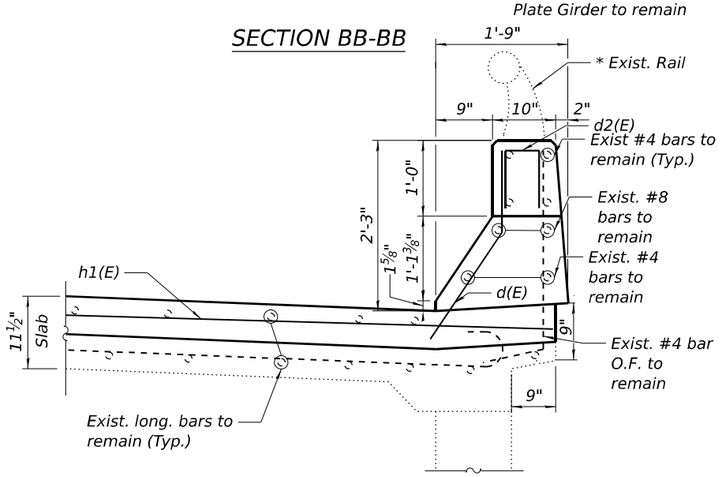
SECTION B-B



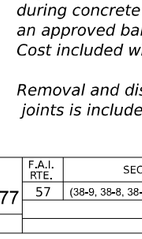
SECTION C-C



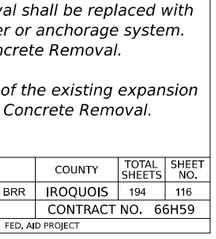
SECTION BB-BB



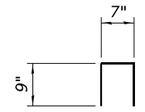
SECTION CC-CC



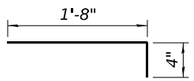
BAR d1(E)



BAR d(E)



BAR d2(E)



BAR h(E)

NOTES:

1. For bar splicer assembly details, see Sheet 12 of 16.
2. Existing Reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
3. Removal and disposal of the existing expansion joints is included with Concrete Removal.

LEGEND

I.F. Inside Face

O.F. Outside Face

Concrete Removal

* Protect existing railing and end post during concrete removal and incorporate into new construction cost included in Concrete Removal.

MODEL: 038-0077 Abutment Joint Removal 2
FILE NAME: pw://hansonin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D366H53a-Int-Bridge_038-0077.dgn

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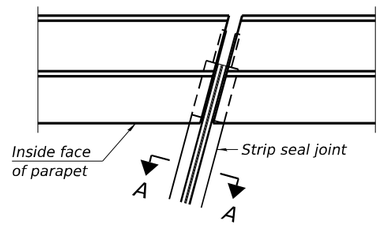
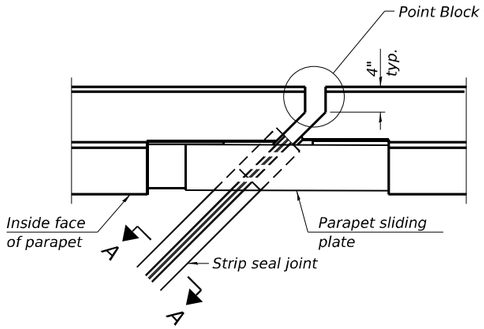
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
ABUT. JOINT RMVL. AND REPLACEMENT (SHT 2/2) S.N. 038-0077
SHEET 6 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	116
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

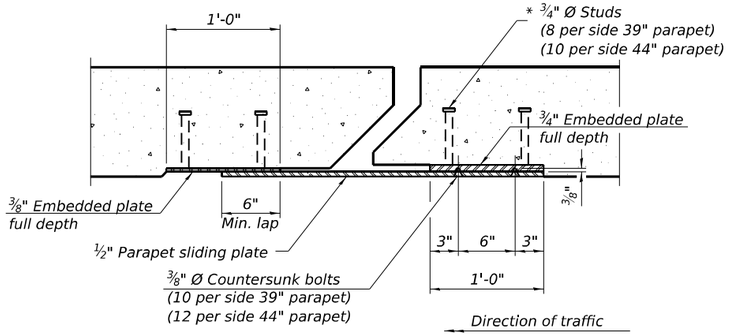


FOR SKEWS ≤ 30°

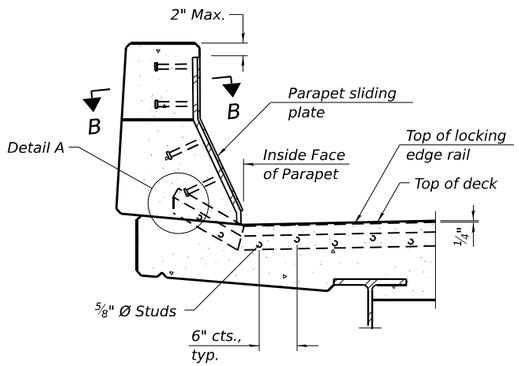


FOR SKEWS > 30°

PLAN AT PARAPET

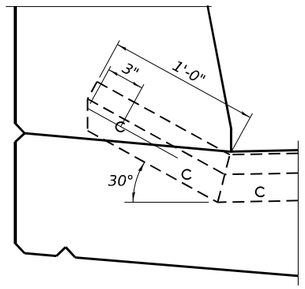


SECTION B-B

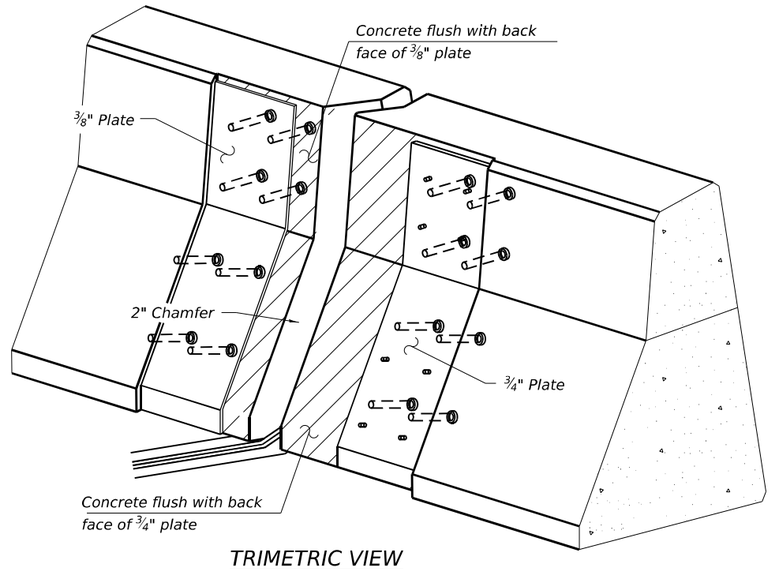


SECTION AT PARAPET

(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)

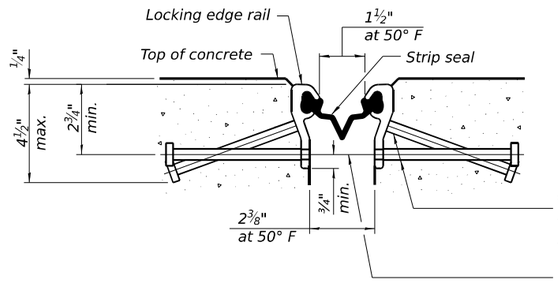


DETAIL A

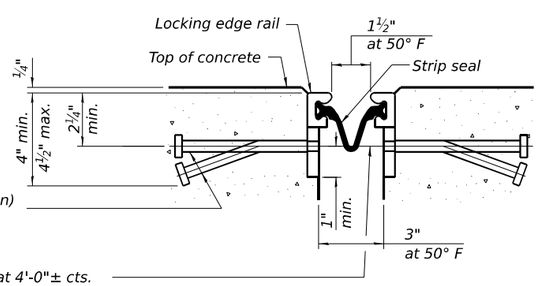


TRIMETRIC VIEW

(Showing embedded plates only)



SHOWING ROLLED RAIL JOINT



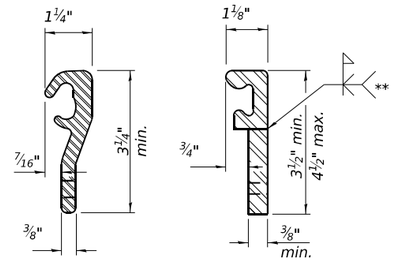
SHOWING WELDED RAIL JOINT

* ⅝" Ø x 6" studs @ 6" cts. (main span)
⅝" Ø x 4" studs @ 6" cts. (approach span)

⅜" Ø threaded rods in 7/16" Ø holes at 4'-0"± cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

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

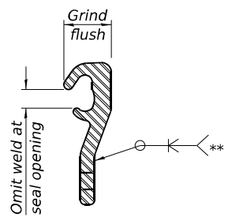


ROLLED (EXTRUDED) RAIL

WELDED RAIL

LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

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

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ¼". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4½" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	68

MODEL: 038-0077 Preformed Joint
FILE NAME: pw://hansonlinc-pw.bentley.com:hansonlinc-pw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D366H53-Int-Bridge_038-0077.dgn

HANSON

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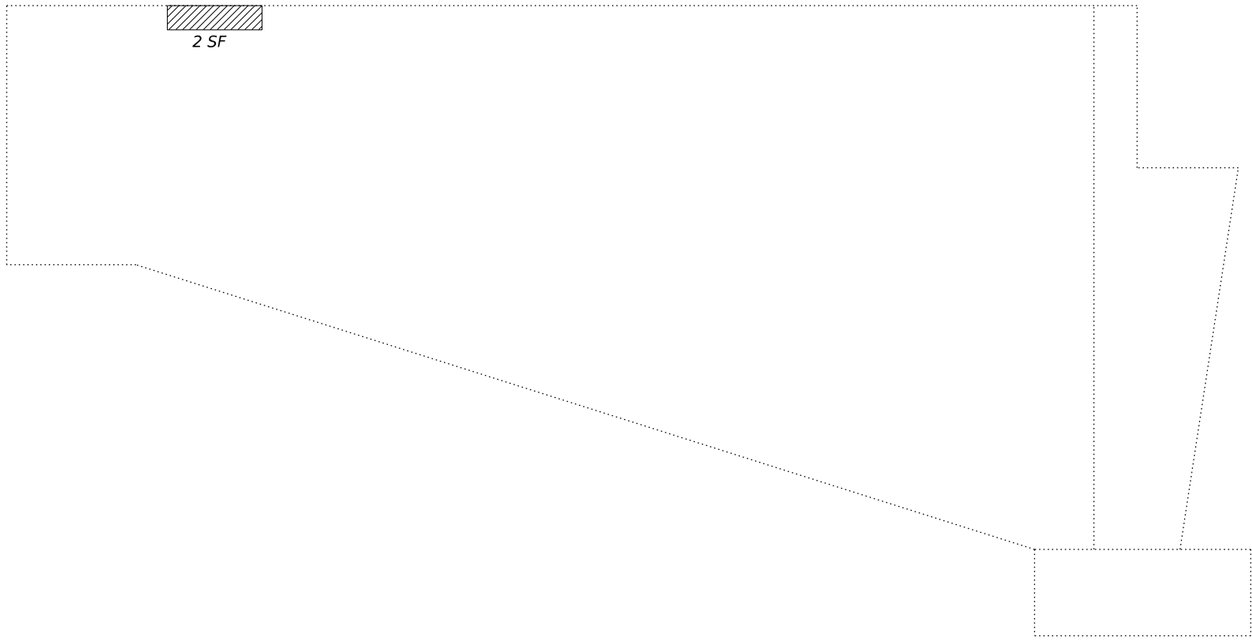
	DRAWN - KMP	REVISED -	
PLOT SCALE = 0:2.0000 ':' / in.	CHECKED - PMH	REVISED -	
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
PREFORMED JOINT STRIP SEAL S.N. 038-0077

SHEET 7 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	117
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



SOUTHWEST WINGWALL
(Looking North)

BILL OF MATERIAL

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

NOTES:

1. Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired, and the type(s) of repairs to be used, shall be determined by the Engineer in the field at the time of construction.

LEGEND

Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)

MODEL: 038-0077 Abutment Repair
FILE NAME: pw://hansonlin:<pw.bentley.com:hanson-pw-01:Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Bridge_038-0077.dgn

HANSON

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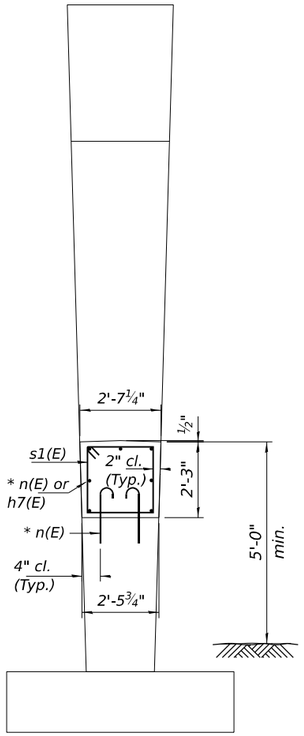
	DRAWN - KMP	REVISED -	
PLOT SCALE = 0:2.0000 ':' / in.	CHECKED - PMH	REVISED -	
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

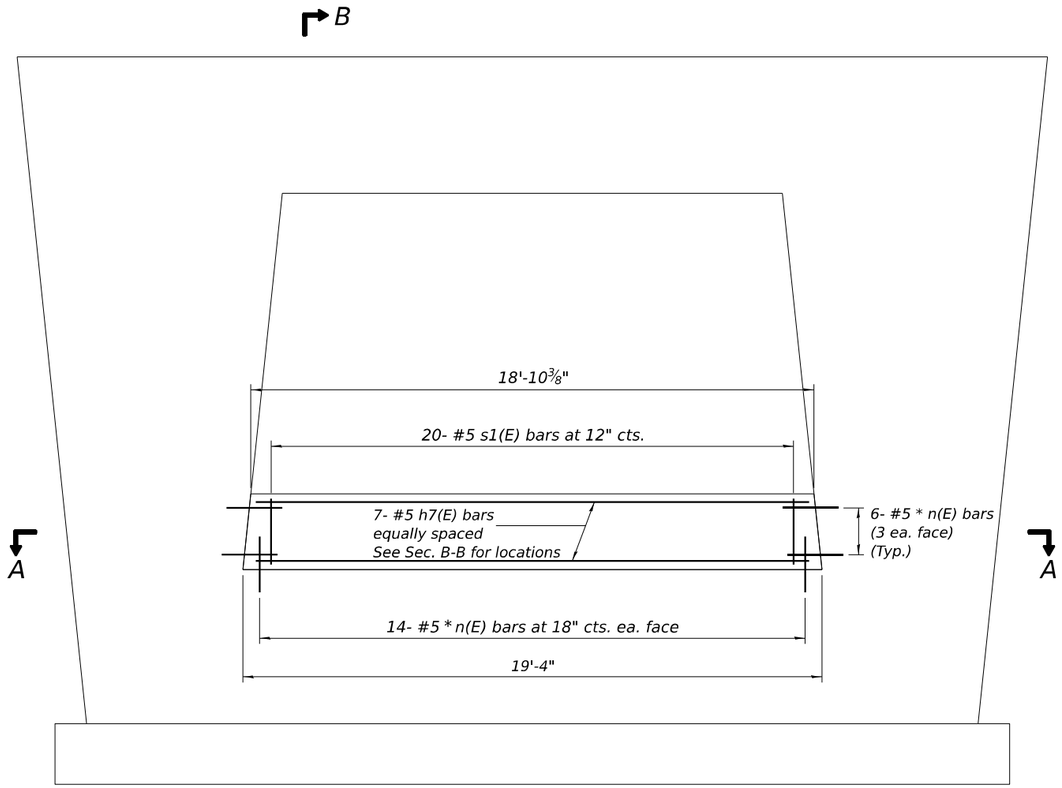
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
ABUTMENT REPAIRS S.N. 038-0077
SHEET 8 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	118
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

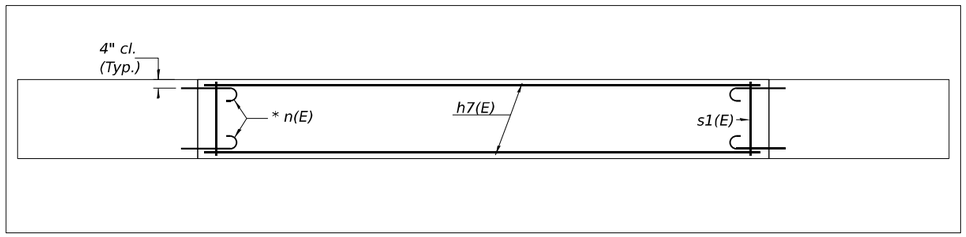


SECTION B-B



ELEVATION

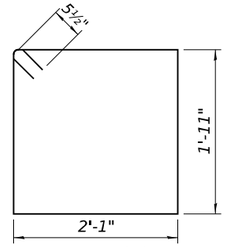
* Epoxy grout n(E) bars in 9" min. holes according to Art. 584 of the Standard Specifications.



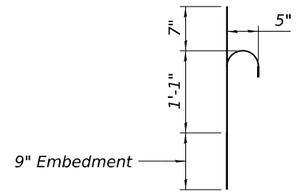
SECTION A-A

NOTES:

1. All reinforcement bars shall be epoxy coated.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work.
3. Use existing plans included to avoid damaging longitudinal reinforcement in the existing crashwall while drilling and grouting n(E) bars.
4. Protective Coat shall be applied to both faces and top of crashwall extension.



BAR s1(E)



BAR n(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h7(E)	7	#5	18'-6"	
n(E)	40	#5	2'-5"	
s1(E)	20	#5	8'-11"	
Concrete Structures			Cu. Yd.	4.2
Reinforcement Bars, Epoxy Coated			Pound	430
Protective Coat			Sq. Yd.	16

MODEL: 038-0077 Pier Crash Wall Modification
FILE NAME: pw://hansonlm-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADsheets/D366459-IntkBridge_038-0077.dgn

HANSON

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	DRAWN - KMP	REVISED -		
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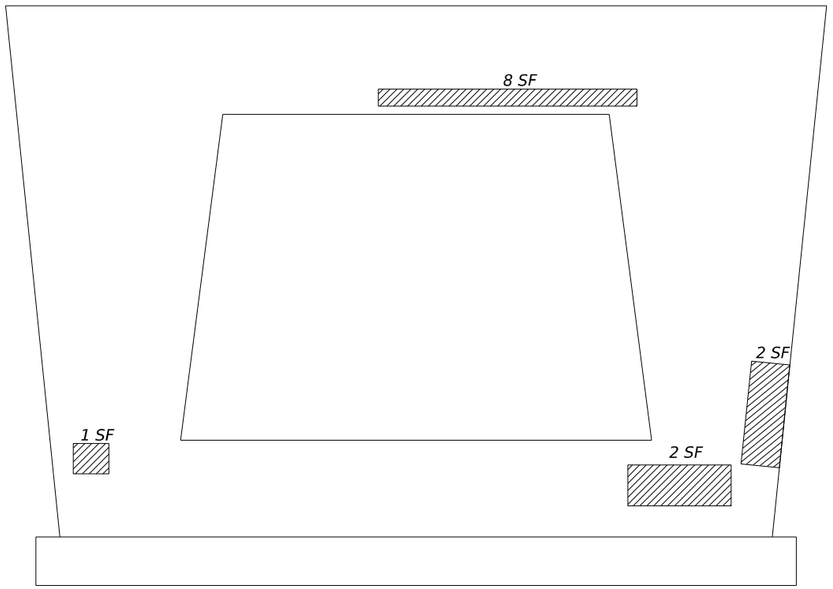
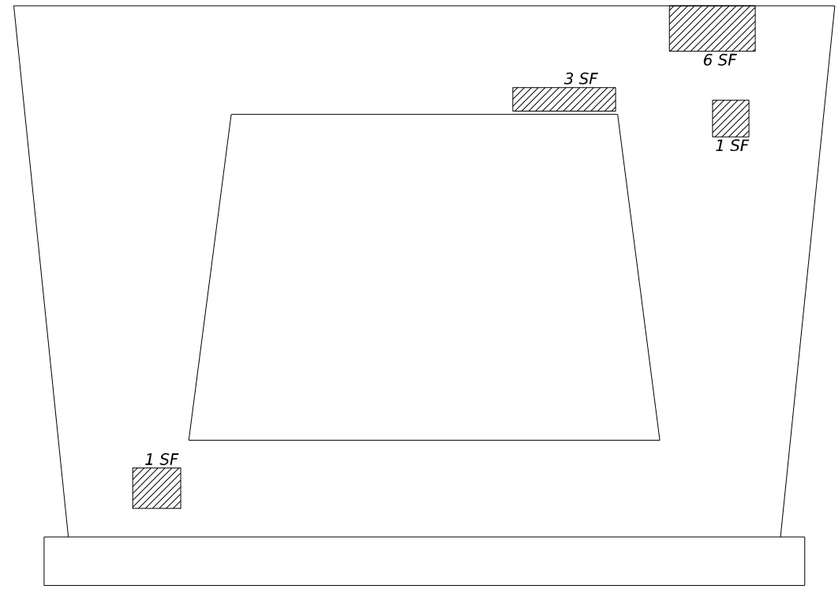
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 9 OF 16 SHEETS

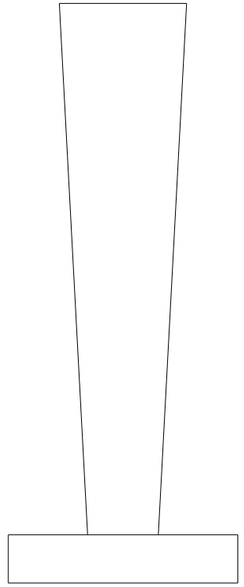
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	119
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



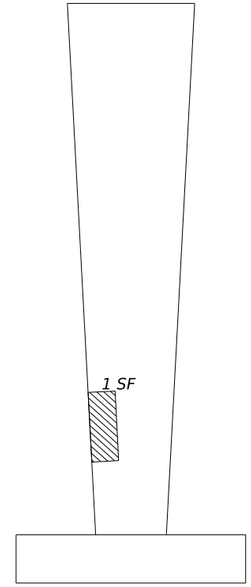
WEST FACE



EAST FACE



NORTH FACE



SOUTH FACE

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	25

NOTES:

1. Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired, and the type(s) of repairs to be used, shall be determined by the Engineer in the field at the time of construction

LEGEND

Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)

MODEL: 038-0077 Pier Repair
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Bridge_038-0077.dgn

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PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

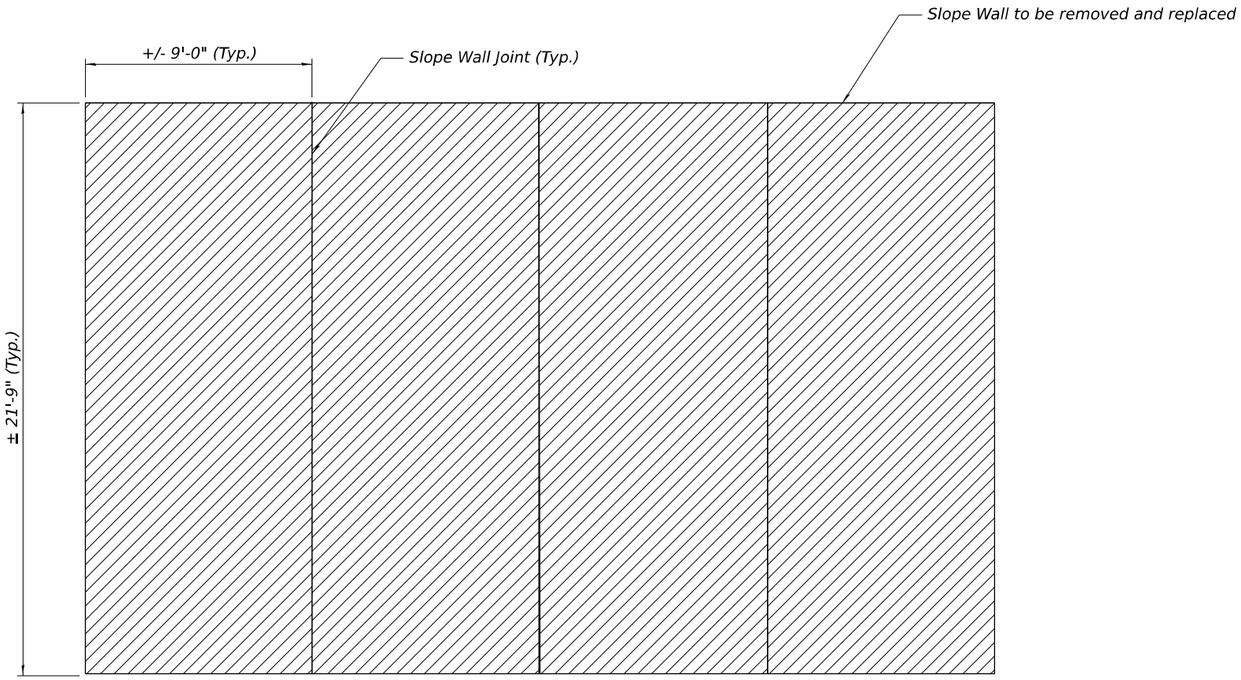
STRUCTURE PLANS
PIER REPAIRS S.N. 038-0077

SHEET 10 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	120
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		

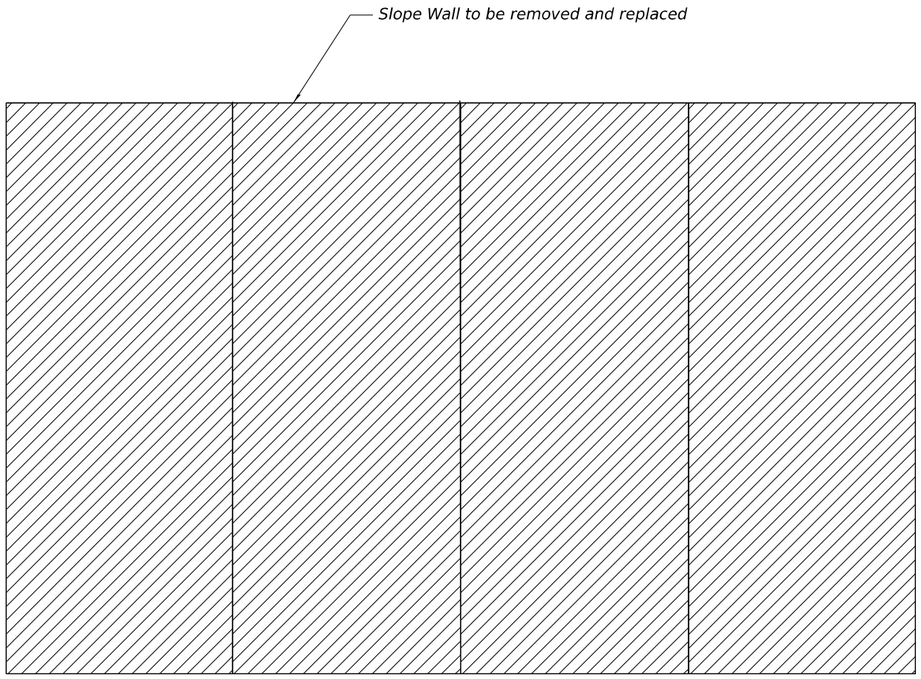
BILL OF MATERIAL

Item	Unit	Total
Slope Wall Removal	Sq. Yd.	218
Slope Wall 4 Inch	Sq. Yd.	218



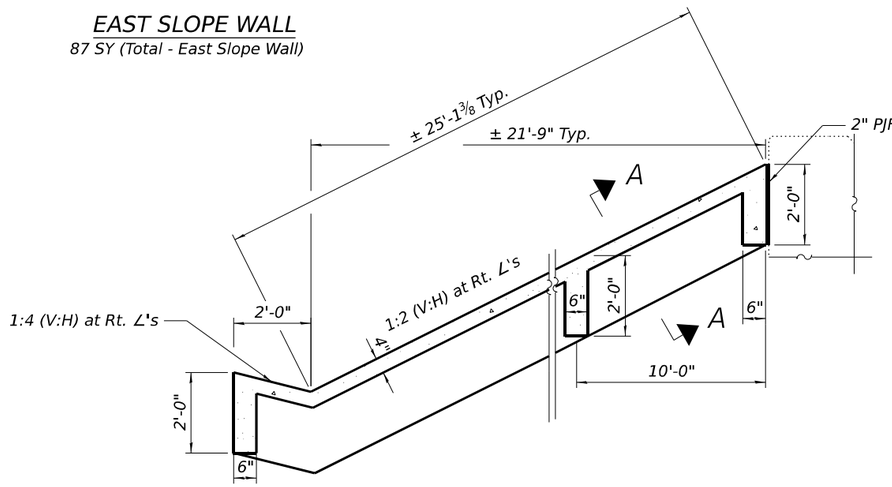
N

EAST SLOPE WALL
87 SY (Total - East Slope Wall)

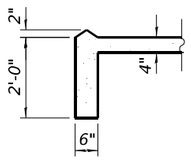


WEST SLOPE WALL
87 SY (Total - West Slope Wall)

N



SECTION THRU CONCRETE SLOPE WALL REPAIR



SECTION A-A

LEGEND

Slope Wall Removal and Replacement with Slope Wall 4"

NOTES:

1. Slope wall shall be reinforced with welded wire fabric 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs per 100 sq. ft.
2. Limits of proposed slope wall shall match existing slope wall limits.
3. Filling of voids beneath the slope wall shall be included with the cost of the slope wall.

MODEL: 038-0077 Slope Wall Repair
FILE NAME: pw://hansonllnc-pw.bentley.com:hanson-pw-01/Documents/23/Jobs/23H0038_09/CAD/CADsheets/D366H59-Int-Bridge_038-0077.dgn

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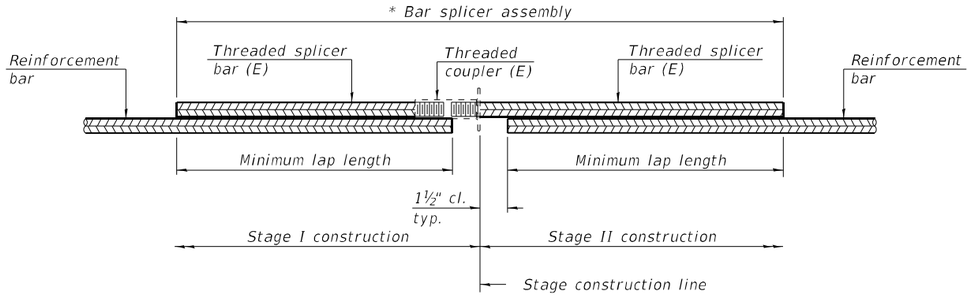
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
SLOPE WALL REPAIRS S.N. 038-0077
SHEET 11 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	121
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



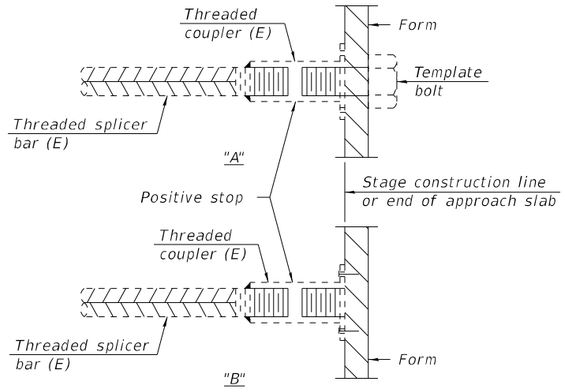
STANDARD BAR SPLICER ASSEMBLY PLAN

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

Threaded splicer bar length = min. lap length + 1½" + thread length

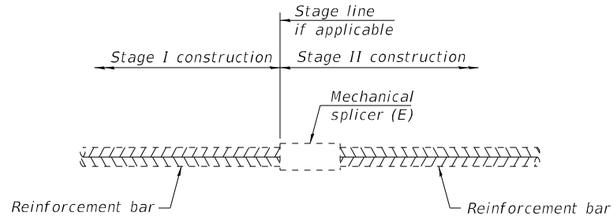
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
E. Abutment	#5	11	3'-0"
W. Abutment	#5	11	3'-0"
E. Abutment	#6	1	3'-7"
W. Abutment	#6	1	3'-7"



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

MODEL: 038-0077 Bar Splicer Assembly
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Bridge_038-0077.dgn

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PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
BAR SPLICER ASSEMBLY DETAILS S.N. 038-0077

SHEET 12 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	122
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		

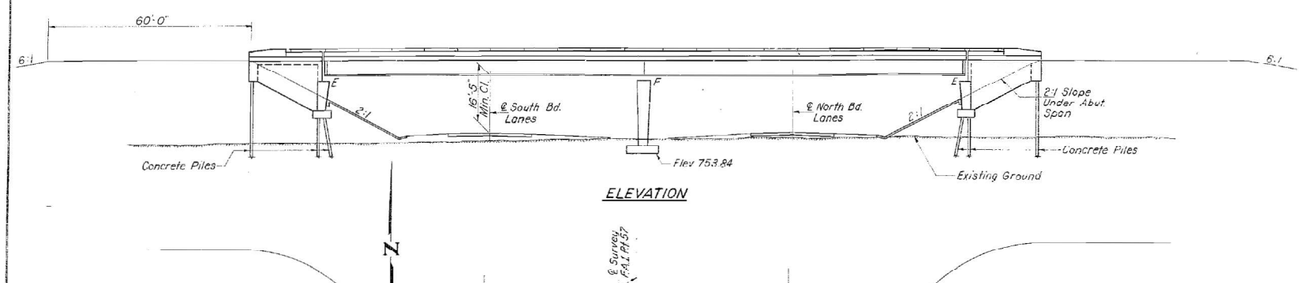
FOR INFORMATION ONLY

B.M.: #64 R.R. Spike in P.P.
Sta. 31+48.3, 34.5 Lt. El. 783.796
No Existing Structure.

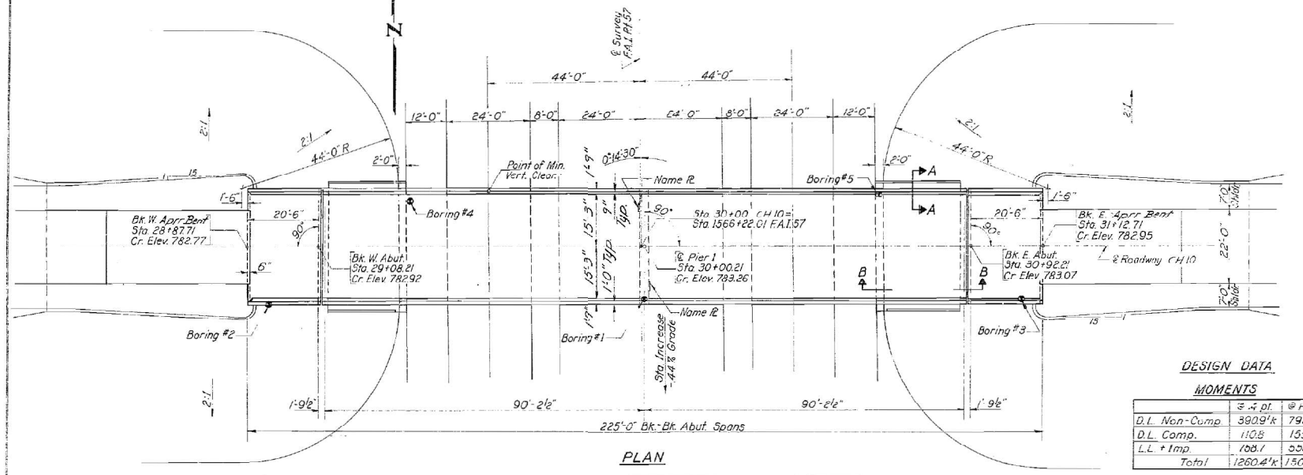
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	38-8-1	1804.10.3	39	7
F.A.I. ROUTE SUFF. NO. 9	ILLINOIS	FED. AID PROJECT NO.	Z-57-6(91)251	

SHEET NO. 7
39 SHEETS



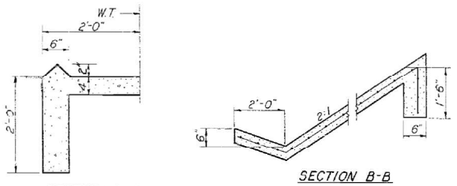
ELEVATION



PLAN

STATION 1566+22.01
RUN T 196 BY
STATE OF ILLINOIS
F.A.I RT 57 SEC 38-8-HB-1
F.A. PROJ. I-57-6 (91)
LOADING HS20-44

NAME PLATE
See Sta 2113-1

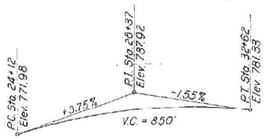


SECTION A-A

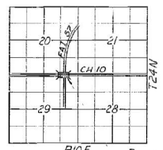
SECTION B-B

DESIGNED	A. Armstrong	
CHECKED	K. Knaul	
DRAWN	J.L. Armstrong	
CHECKED	RK.	

EXAMINED — Dec. 15 1969
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED
ENGINEER OF DESIGN
APPROVED
CHIEF HIGHWAY ENGINEER



V.C. DATA CH RT 10



LOCATION PLAN

DESIGN DATA

MOMENTS

	@ ¼ pt.	@ Pier
D.L. Non-Comp.	390.9'k	795.2'k
D.L. Comp.	110.8	155.1
L.L + Imp.	188.1	353.3
Total	1260.4'k	1503.6'k

SHEARS

	@ Abut.	@ Pier
D.L Non-Comp.	23.9 k	41.6 k
D.L. Comp.	6.3 k	9.7 k
L.L + Imp.	42.4 k	47.1 k
Total	72.6 k	98.4 k

PROPERTIES

1 W = 13891 in⁴ S W = 694.5 in³
1 comp. = 27416 in⁴ S comp. = 850.1 in³
1 @ Pier = 18787 in⁴ S @ Pier = 922.1 in³

Road Classification S.A. 940 (6B)-
D-3.22 (B-20)

DESIGN STRESSES

fc = 1400 psi. Super & Sub
fs = 20,000 psi. Reinf.
fs = 20,000 psi. Struct.
Vc = 75 psi. Figs.
n = 10
Allow 4.4 ½/1200 Composite

LOADING HS 20-44

GENERAL NOTES

Coarse aggregate to be used in the parapet handrails must be free of chert, flint, limonite, lignite and soft sandstone.

The concrete floor slab shall be finished in accordance with Article 511.13 of the Standard Specifications.

Slope Wall shall be reinforced with welded wire fabric 6"x6" mesh, weighing 58# per 100 sq.ft.

All reinforcement bars shall be bent to diameters unless otherwise shown.

All structural steel shall conform to ASTM Specifications for Structural Steel Designation A-36.

Rivets 7/8", open holes 1 1/16", unless otherwise noted.

Anchor bolts shall be set before riveting cross frames over supports.

All rockers, bolsters, bearing plates, lead plates, pins and anchor bolts shall be fabricated and set in accordance with Article 511.13 of the Standard Specifications and are included in quantity of Structural Steel. Estimated Weight = 5300 Lbs.

Expansion guards shall be fabricated and erected in accordance with Article 511.13(h) of the Standard Specifications.

The exposed surfaces of the expansion guards shall be given two shop coats of paint, the contact surface shall be given one coat of shop paint. Anchor studs shall not be painted.

Expansion guards and studs are included in the quantity of Structural Steel. Estimated Weight = 1560 Lbs.

Frame and Grate shall receive one shop coat of paint and two field coats of paint.

Except as otherwise provided, all structural steel shall receive one shop coat of paint and two field coats of paint.

See special provisions for paint.

The Contractor shall drive one concrete test pile in a permanent location of the West Abutment as directed by the Engineer before ordering the remainder of piles.

Concrete piles of the abutments shall be driven in holes prepared through the embankment in accordance with Article 512.04, of the Standard Specifications.

Permanent forms will not be permitted in forming the concrete slab.

Stud shear connectors on the beam flanges shall be placed in field after the steel has been erected and the deck forms are in place.

FIELD WELDING OF CONSTRUCTION ACCESSORIES TO THE BOTTOM FLANGES OR FOR A DISTANCE OF 1 OF THE SPAN EACH WAY FROM PIER SUPPORTS ON THE TOP FLANGES OF BEAMS OR GIRDERS WILL NOT BE PERMITTED. FIELD WELDING IN OTHER AREAS WILL BE PERMITTED ONLY WHEN AP-PROVED BY THE ENGINEER.

EXCAVATION FOR PORTIONS OF STRUCTURES IN THE EMBANKMENTS SHALL NOT BE CLASSIFIED.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Class A Excavation for Structures	Cu. Yds.		100	100
Class X Concrete	Cu. Yds.	234.6	194.8	429.4
Structural Steel	Lbs.	218,570	260	218,830
Reinforcement Bars	Lbs.	59,730	19,430	79,160
Concrete Piles	Lin. Ft.		665	665
Test Piles (Concrete)	Each		1	1
Aluminum Handrail	Lin. Ft.	410		410
Name Plates	Each		3	3
Slope Wall	Sq. Yds.		252	252
Protective Coat	Sq. Yds.	910		910
Preformed Joint Seal	Lin. Ft.		68	68

PROJ. I-57-6(91)251
GENERAL PLAN & ELEVATION
CH. RT. 10 OVER F.A.I. RT. 57
F.A.I. RT. 57 SEC. 38-8HB-1
IROQUOIS COUNTY
STA. 1566+22.01

Nov. 2-14-68 (Supp. Al. No.1)

MODEL: 038-0077 Existing GPE Sheet
FILE NAME: pw://hansonin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D366H59-sht-Bridge_038-0077.dgn

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	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

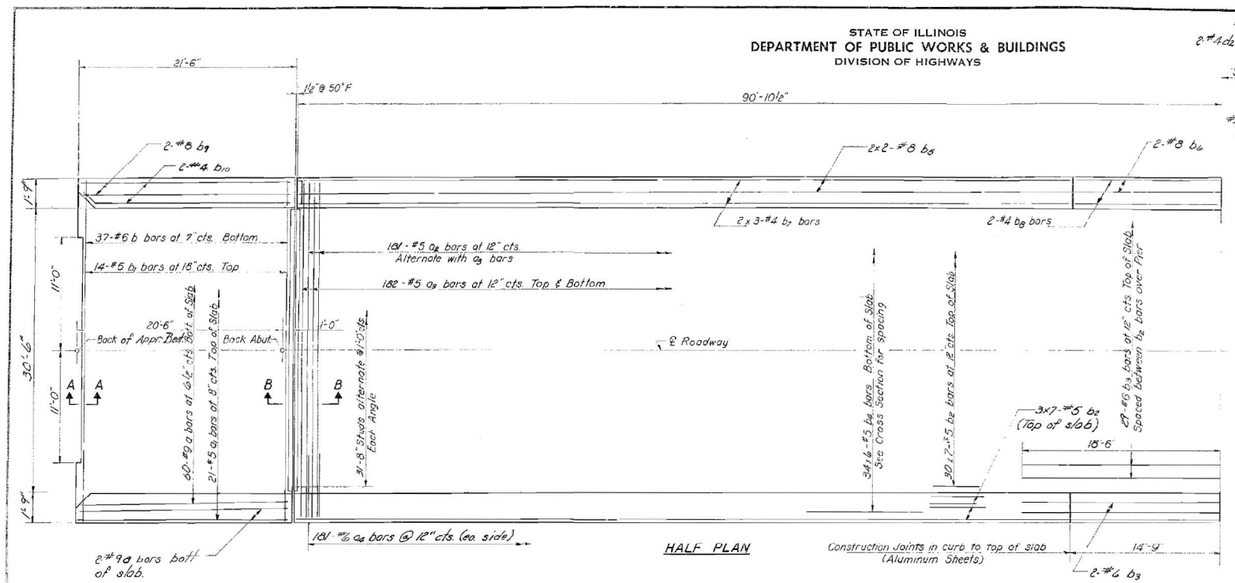
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

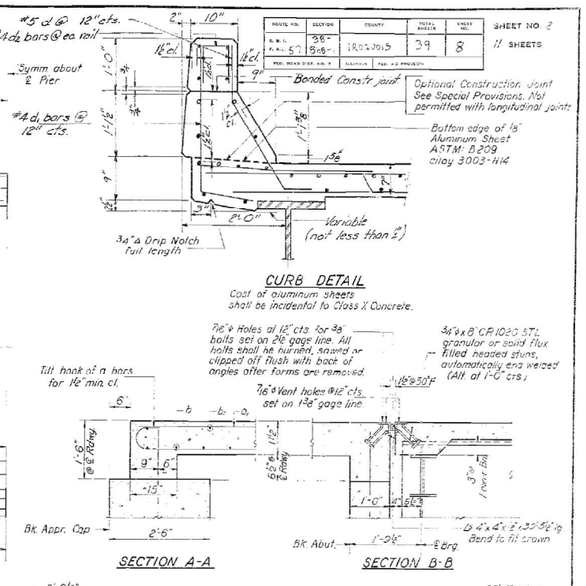
STRUCTURE PLANS
EXISTING PLANS S.N. 038-0077
SHEET 13 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	123
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS





CURB DETAIL

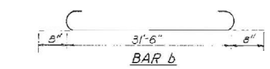
Cost of aluminum sheets shall be incidental to Class X Concrete.

SECTION A-A

SECTION B-B



BAR a2



BAR b



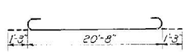
BAR a4



BARS d



BAR d1

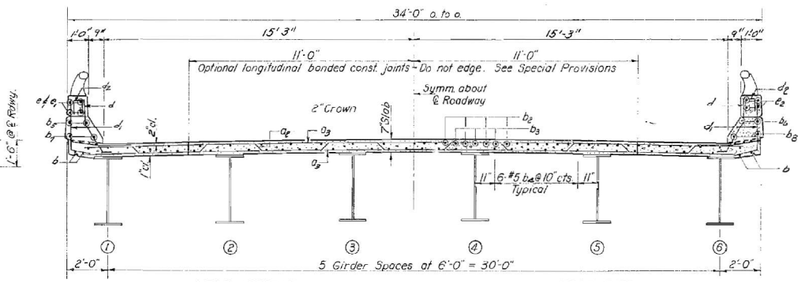


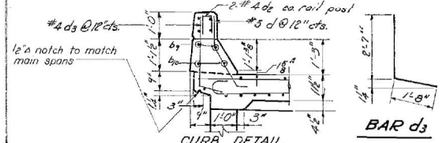
BAR u

BILL OF MATERIAL

Bar	No	Size	Length	Shape
a	128	#9	23'-2"	
a1	42	#5	20'-9"	
a2	181	#5	33'-0"	
a3	364	#5	33'-3"	
a4	362	#6	4'-5"	
b	14	#6	32'-10"	
b1	28	#6	33'-9"	
b2	252	#9	27'-0"	
b3	33	#6	33'-0"	
b4	204	#7	31'-3"	
b5	16	#8	33'-0"	
b6	8	#8	14'-6"	
b7	24	#4	26'-0"	
b8	6	#4	4'-2"	
b9	3	#8	21'-3"	
b10	6	#5	21'-3"	
d	412	#5	3'-5"	
d1	364	#4	3'-7"	
d2	96	#4	2'-1"	
d3	60	#9	4'-3"	
d4	16	#5	4'-3"	
d5	16	#4	5'-2"	
d6	12	#5	4'-6"	
d7	12	#4	5'-5"	
Reinforcement Bars			Lbs.	58500
Structural Steel			Lbs.	218,590
Class X Concrete			Cu.Yds.	215.8
Performed J.T. Sealer			Un.Ft.	68

SUPERSTRUCTURE
F.A.I. RT. 57 SEC. 38-8HB-1
IROQUOIS COUNTY
STA. 1566+22.01

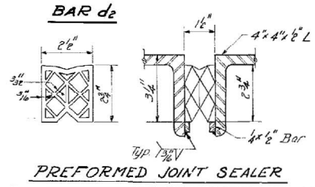




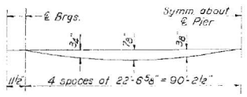


BAR d3

BAR d2



DESIGNED	Dec. 15 1964	EXAMINED	
CHECKED		PASSED	
DRAWN	J. L. Armstrong	APPROVED	
CHECKED			



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 sheet #4.

Revised 2-12-68 (Floor drains removed)

MODEL: 038-0077 Existing Joint Sheet
FILE NAME: pw://hansonlnc-pw.bentley.com:hanson-pw-01/Documents/23/jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Bridge_038-0077.dgn

HANSON	USER NAME = povll02298	DESIGNED - KMP	REVISED -
		DRAWN - KMP	REVISED -
	PLOT SCALE = 0:2.0000 '=' / in.	CHECKED - PMH	REVISED -
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
EXISTING PLANS S.N. 038-0077
SHEET 14 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	124
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY

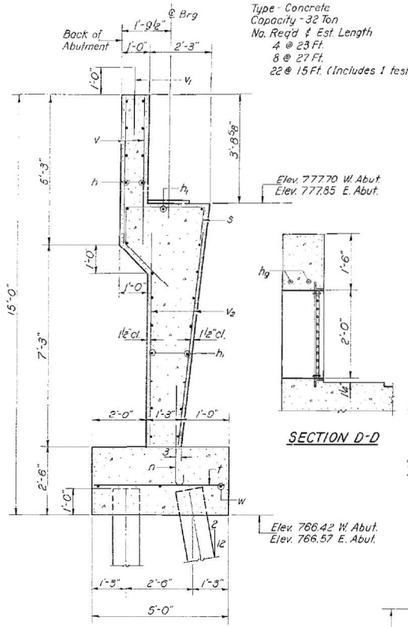
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	38-8HB-1	IROQUOIS	39	15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 7
11 SHEETS

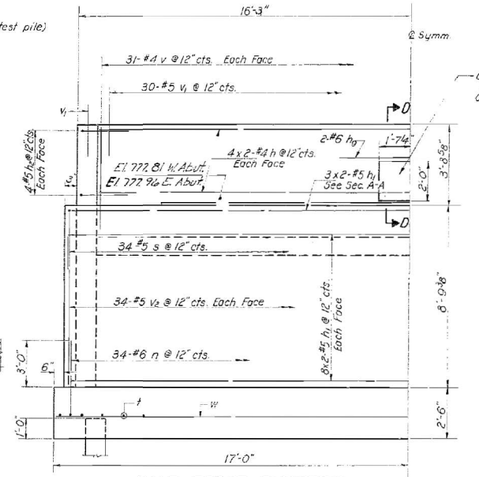
PILE DATA

Type - Concrete
Capacity - 32 Ton
No. Req'd & Est. Length
4 @ 23 Ft.
8 @ 27 Ft.
22 @ 15 Ft. (Includes 1 test pile)

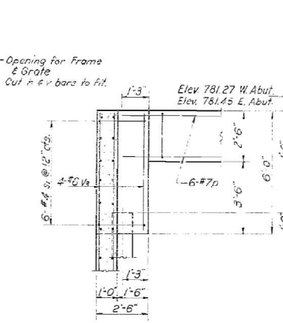


SECTION A-A

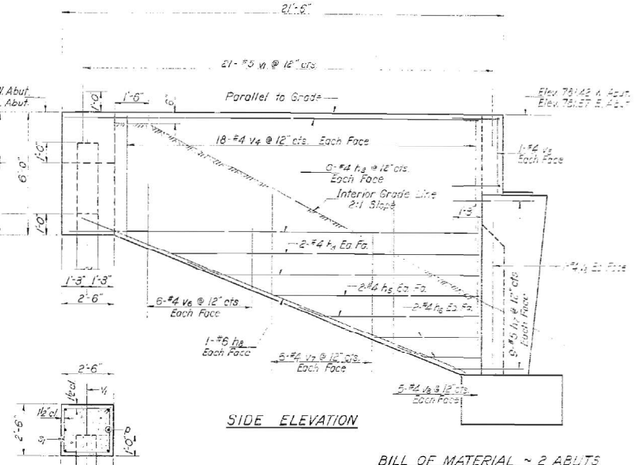
SECTION D-D



HALF FRONT ELEVATION

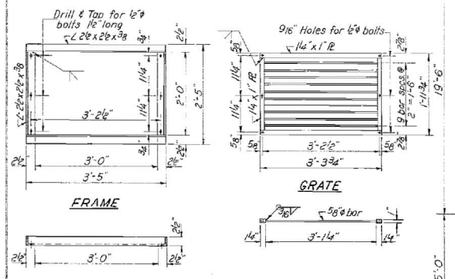


SECTION B-B



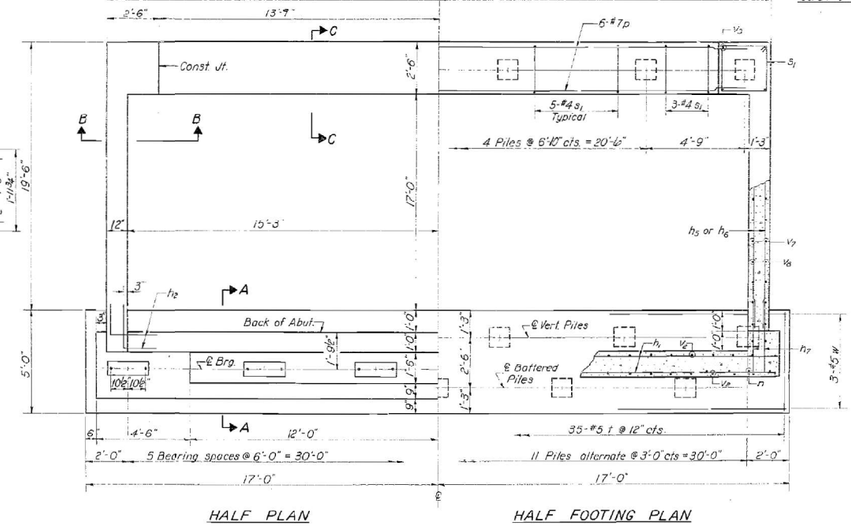
SIDE ELEVATION

SECTION C-C



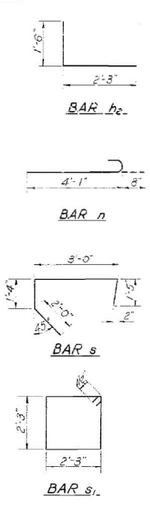
DETAILS OF WELDED FRAME & GRATE
Included for payment as Structural Steel

DESIGNED		EXAMINED	Dec. 15 1964
CHECKED		PASSED	
CHECKED		APPROVED	
DRAWN	J. L. Armstrong		



HALF PLAN

HALF FOOTING PLAN



BILL OF MATERIAL ~ 2 ABUTS.

Bar	No.	Size	Length	Shape
h	32	#4	16'-2"	
h_1	76	#5	16'-6"	
h_2	83	#5	8'-9"	
h_3	48	#4	20'-0"	
h_4	16	#4	15'-3"	
h_5	16	#4	10'-3"	
h_6	16	#4	5'-0"	
h_7	12	#5	3'-6"	
h_8	8	#5	22'-8"	
h_9	4	#6	7'-0"	
n	68	#5	4'-9"	
p	12	#7	3'-0"	
s	68	#4	7'-6"	
s_1	56	#4	5'-8"	
t	72	#5	4'-3"	
v	124	#4	5'-0"	
v_1	304	#5	2'-6"	
v_2	136	#5	3'-0"	
v_3	16	#5	3'-9"	
v_4	144	#4	6'-0"	
v_5	8	#5	3'-6"	
v_6	48	#4	2'-9"	
v_7	48	#4	5'-0"	
v_8	48	#4	7'-0"	
w	6	#5	33'-2"	
Class X Concrete		Cu. Yds	128.2	
Reinforcement Bars		Lbs	9,330	
Concrete Piles		Lin. Ft	255	
Test Piles Concrete		Each	1	
Structural Steel		Lbs.	260	

ABUTMENTS
F.A.I RT. 57 SEC. 38-8HB-1
IROQUOIS COUNTY
STA. 1566+22.01

MODEL: 038-0077 Existing Abutment Sheet
FILE NAME: pw://hansonlin-pw.bentley.com:hanson-pw-01.Documents/23jobs/23H0038_09/CAD/CADSheets/D3661f59-b1b8-Bridge_038-0077.dgn

HANSON	USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS EXISTING PLANS S.N. 038-0077
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:2.0000 '=' / In.	CHECKED - PMH	REVISED -		
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 15 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	125
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

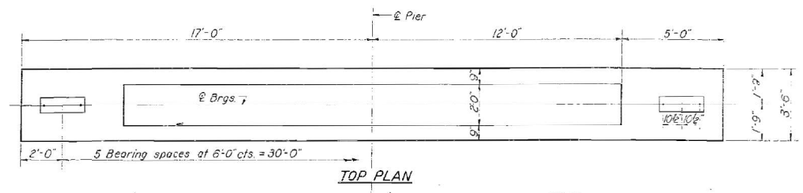
FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

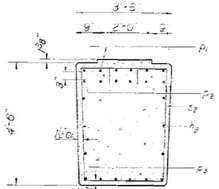
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	38-8HB-1	IROQUOIS	39	14
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 5
17 SHEETS

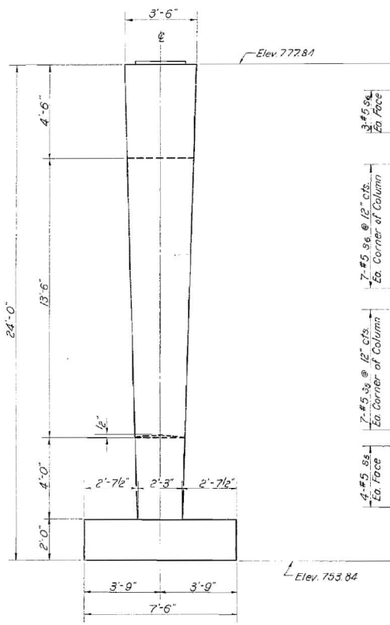
Note:
Space reinforcement in cap to miss anchor bolts.
Min. bar laps = 20 diameters unless otherwise noted.
All exposed edges shall have standard ¾" chamfers except as noted.
Pour step monolithically with cap.



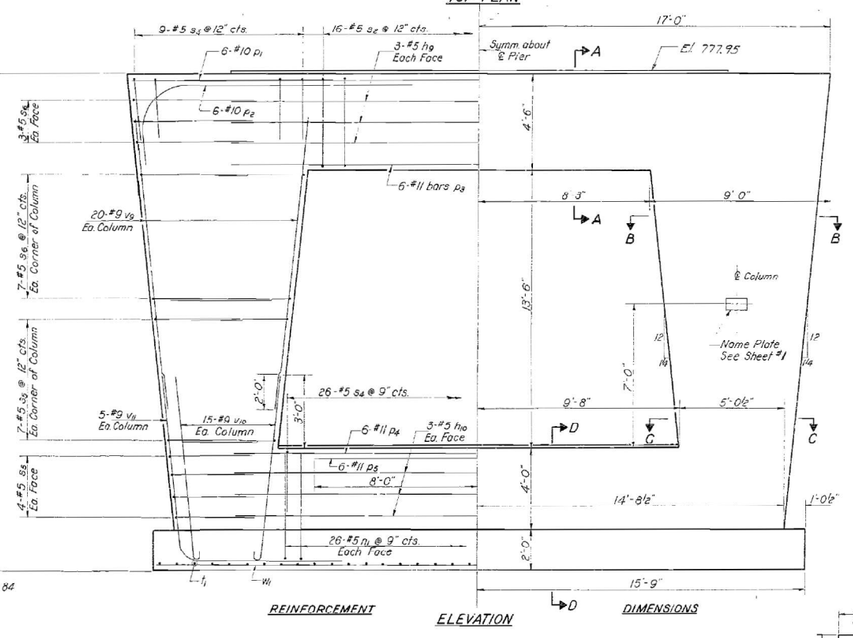
TOP PLAN



SECTION A-A

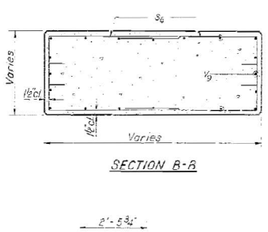


END VIEW

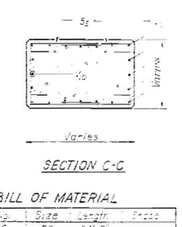


REINFORCEMENT ELEVATION DIMENSIONS

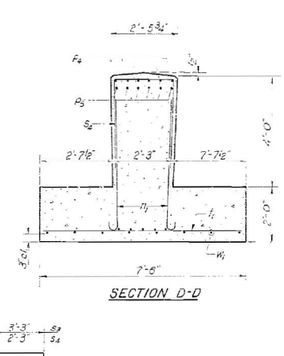
Max. Soil Pressure = 3.4 Tons / Sq. Ft.



SECTION B-B



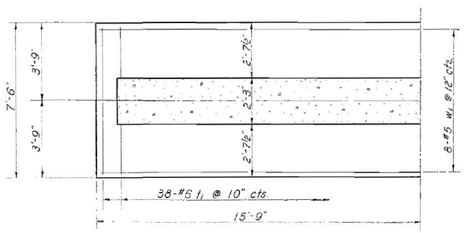
SECTION C-C



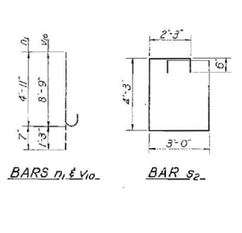
SECTION D-D

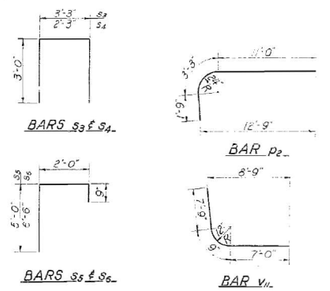
BILL OF MATERIAL

Bar	No.	Size	Length	Type
P1	2	#5	24'-0"	
P2	6	#5	22'-6"	
n1	52	#5	8'-6"	
P3	5	#10	38'-9"	
P4	12	#10	16'-0"	
P5	6	#11	21'-0"	
F4	6	#11	23'-5"	
n4	6	#11	18'-0"	
S2	16	#5	17'-0"	
S3	18	#5	9'-3"	
S4	26	#5	2'-3"	
S5	72	#5	7'-9"	
S6	68	#5	9'-3"	
F1	38	#6	7'-9"	
V8	40	#9	12'-6"	
V9	30	#9	10'-0"	
V10	10	#9	15'-6"	
W1	8	#5	31'-2"	
Class X Concrete		Cu. Yds.	52.5	
Reinforcement Bars		Lbs.	10,350	



HALF FOOTING PLAN





DESIGNED C. M. Jabouri
CHECKED R. Howard
JS
DRAWN J. L. Armstrong
CHECKED RL

Dec. 15 1964
EXAMINED W. B. Bauman, ENGINEER OF BRIDGES AND TRAFFIC STRUCTURES
PASSED Carl Stumpf, ENGINEER OF DESIGN
APPROVED T. E. Scheffl, CHIEF HIGHWAY ENGINEER

PIER
F.A.I. RT. 57 SEC. 38-8HB-1
IROQUOIS COUNTY
STA. 1566 + 22.01

MODEL: 038-0077 Existing Pier Sheet
FILE NAME: pw://hansonlm-pw.bentley.com:hanson-pw01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H05sht-Bridge_038-0077.dgn

HANSON	USER NAME = povill02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS EXISTING PLANS S.N. 038-0077
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:2.0000 '\' / In.	CHECKED - PMH	REVISED -		SHEET 16 OF 16 SHEETS
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		

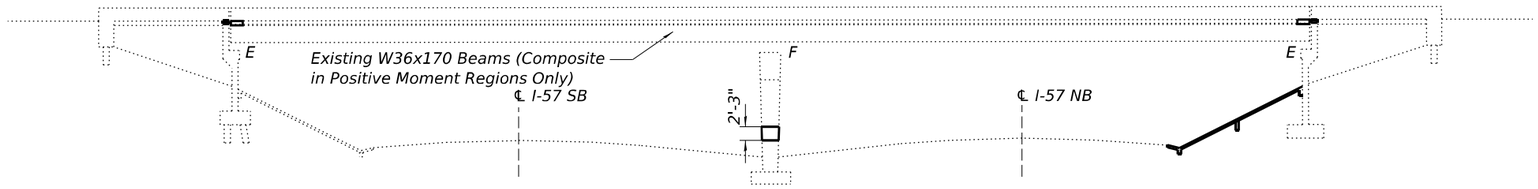
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	126
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

Existing Structure: SN 038-0133 was originally built in 1968 as T.R. 327 over F.A.I. Rte. 57, Section 38-7HB-3. The existing bridge is a two span bridge with two approach spans, 221'-7" back to back of approach bents and 30'-0" out to out of deck. The deck is supported by continuous W36x170 steel beams on closed vaulted abutments and approach bents supported by concrete piles and a two column trapezoidal pier on a spread footing. Construction will be completed utilizing full closure.

No Salvage.

TOTAL BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	4.8
Slope Wall Removal	Sq. Yd.	27
Protective Shield	Sq. Yd.	147
Concrete Structures	Cu. Yd.	3.0
Concrete Superstructure	Cu. Yd.	4.6
Protective Coat	Sq. Yd.	33
Reinforcement Bars, Epoxy Coated	Pound	1360
Slope Wall 4 Inch	Sq. Yd.	27
Preformed Joint Strip Seal	Foot	60
Slope Wall Crack Sealing	Foot	59
Clean & Reseal Relief Joint	Foot	60
Deck Slab Repair (Partial)	Sq. Yd.	2
Slope Wall Repair	Sq. Yd.	7
Slope Wall Slurry Pumping	Cu. Yd.	3



ELEVATION

SCOPE OF WORK

1. *Provide Protective Shield within limits indicated on the plans.*
2. *Perform Deck Slab Repairs in main and approach spans.*
3. *Reconstruct Expansion Joints at the East and West Abutments and install new preformed joint strip seals.*
4. *Clean and reseal relief joints on both sides of bridge.*
5. *Install Crash Wall Extension to a minimum height of 5 feet above finished grade.*
6. *Apply Protective Coat to top of reconstructed joint areas, top and inside faces of parapets, top of deck and approach slab repairs and both faces and top of crash wall extension.*
7. *Perform Slope Wall Repairs.*

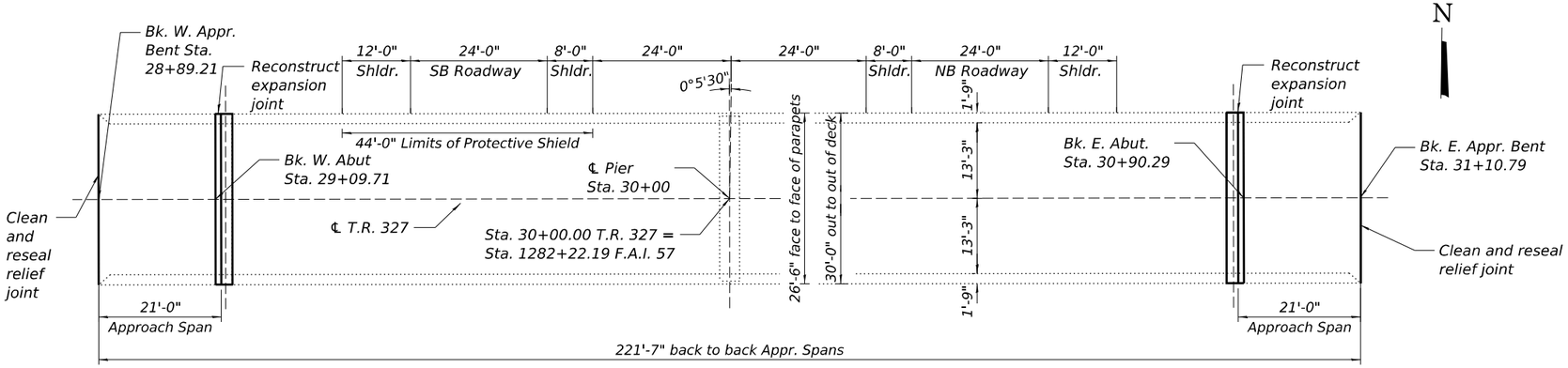
PATRICK M. HANNEMANN
081-007568
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS

SIGNATURE

05/09/2025
DATE

LIC. EXP. DATE 11/30/2026

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications.



PLAN

INDEX OF SHEETS

1. General Plan and Elevation S.N. 038-0133
2. Deck Repair Plan S.N. 038-0133
3. Approach Span Repair Plan S.N. 038-0133
4-5. Abut. Joint Rmvl. and Replacement S.N. 038-0133
6. Preformed Joint Strip Seal S.N. 038-0133
7. Pier Crashwall Extension S.N. 038-0133
8. Slope Wall Repairs S.N. 038-0133
9-12. Existing Plans S.N. 038-0133

DESIGN STRESSES

EXISTING CONSTRUCTION

fc = 1,400 psi (Substructure)
fs = 20,000 psi (Reinforcement)
fs = 20,000 psi (Structural Steel)

NEW CONSTRUCTION

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

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges

LOADING HS15-44

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

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.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

Areas of deck repairs shown are estimated.

The Engineer shall show actual locations and size of deck repairs on As-built Plans.

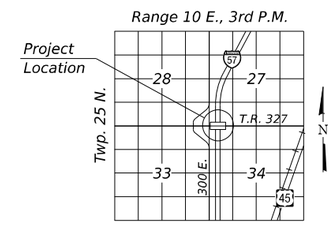
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F

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.
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 inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

The cost of epoxy grouting reinforcement bars shall be included with Reinforcement Bars, Epoxy Coated.

No Construction Loading shall be allowed within the approach span adjacent to expansion joint reconstruction locations from the time when Concrete Removal operations have commenced until the joint concrete has attained the required flexural strength.



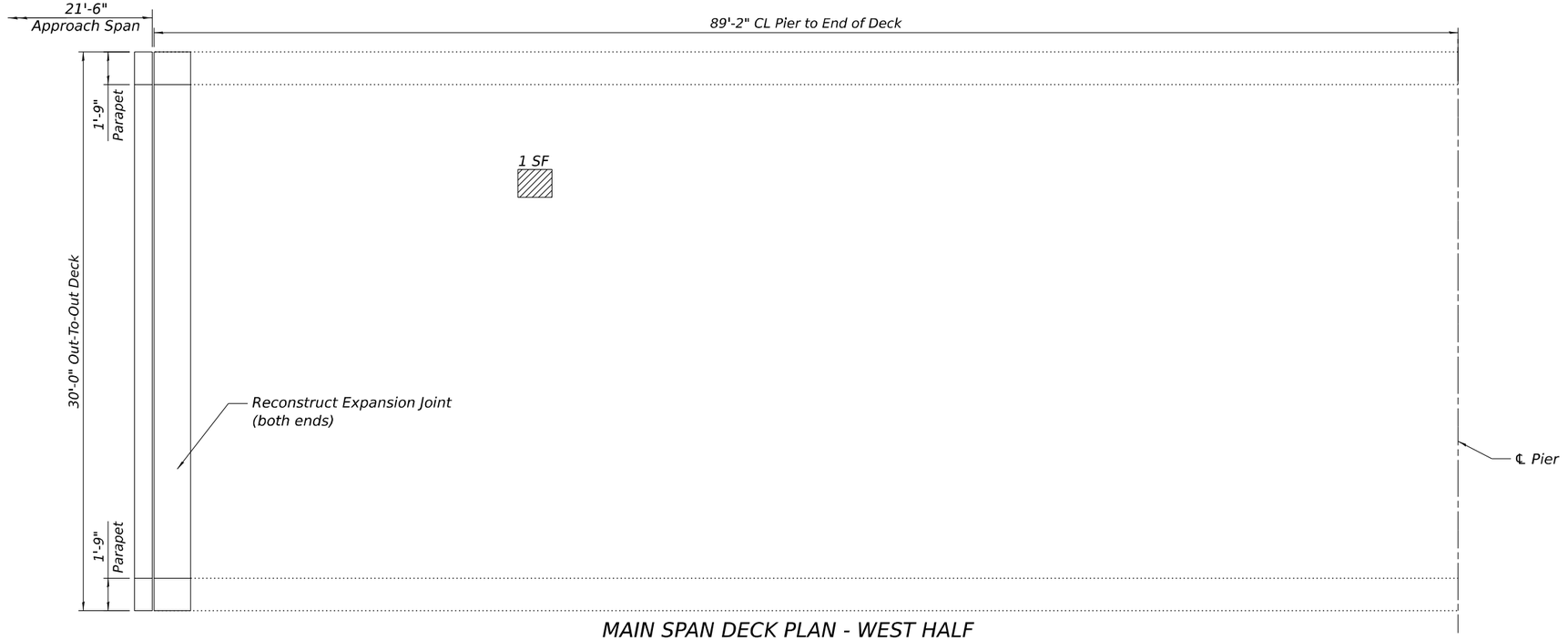
LOCATION SKETCH

GENERAL PLAN & ELEVATION
T.R. 327 OVER F.A.I. RTE. 57 (I-57)
SECTION (38-9,38-8,38-7)RS,RA,BRR
IROQUOIS COUNTY
STATION 1282+22.19
STRUCTURE NO. 038-0133

HANSON	USER NAME = povill02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS GENERAL PLAN AND ELEVATION S.N. 038-0133
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:2.0000 ':' / in.	CHECKED - PMH	REVISED -		
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 1 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	127
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

MODEL: 038-0133 GPE
FILE NAME: pw://hansonlin-pw.bentley.com:hanson-pw-01/Documents/23/jobs/23H0038_09/CAD/CADSheets/D366H59-IntrBridge_038-0133.dgn



MAIN SPAN DECK PLAN - WEST HALF



MAIN SPAN DECK PLAN - EAST HALF

NOTES:

1. Areas of deck repair shown are estimated. The Engineer shall show actual locations of deck repairs at the time of construction.
2. For Abutment joint removal and reconstruction, see Abut. Jt. Rmvl. and Replacement Detail sheets.
3. Protective Coat shall be applied to the top of reconstructed joints, top and inside face of parapets, and top of deck slab repairs.
4. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to Concrete Removal.
5. The Contractor shall exercise extreme caution during Concrete Removal to avoid damaging the steel beams and diaphragms to remain. Any damage to the existing steel beams and/or diaphragms to remain caused by the Contractor in the performance of his/her work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
6. Removal of the existing preformed joint seal is included in the cost of Preformed Joint Strip Seal.

N

BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	1

LEGEND

Deck Slab Repair (Partial)

MODEL: 038-0133 Deck Repair Plan
FILE NAME: pw://hansonlin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D366H59-Int-Bridge_038-0133.dgn

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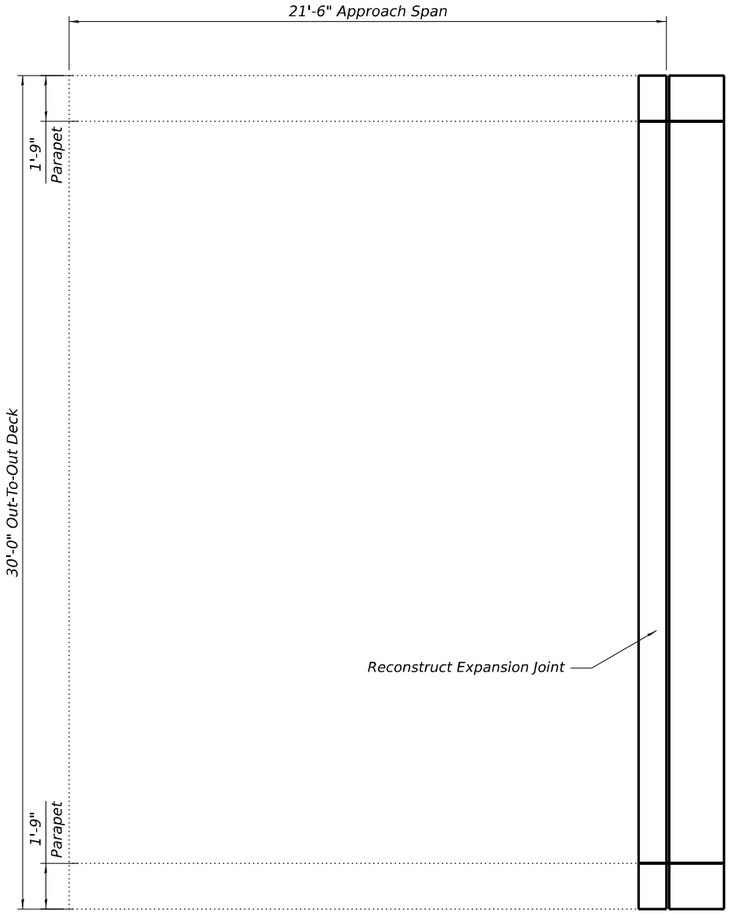
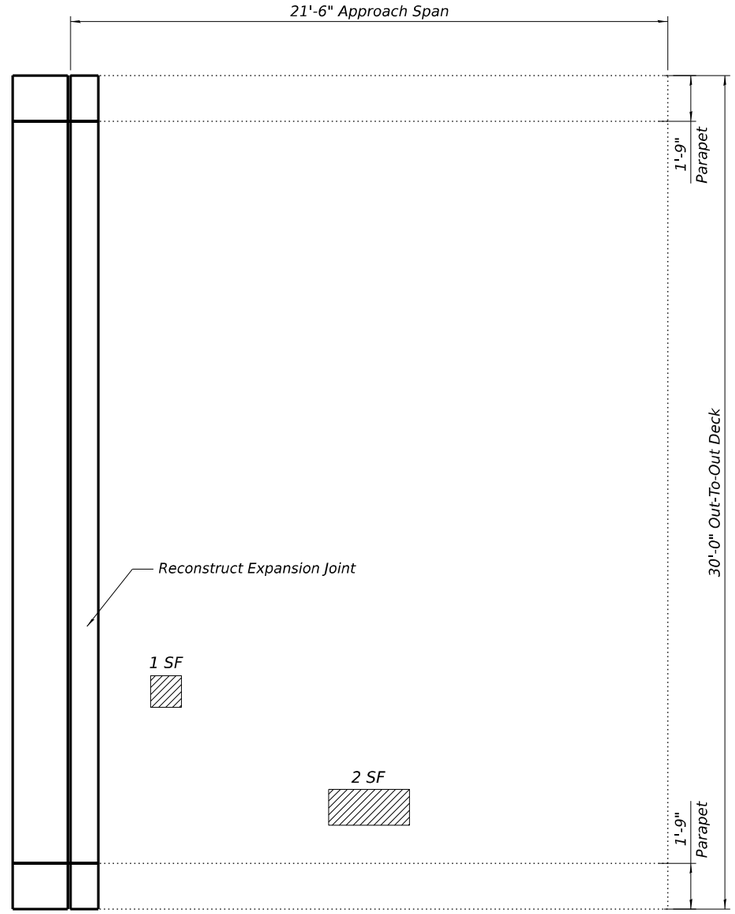
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
DECK REPAIR PLAN S.N. 038-0133
SHEET 2 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	128
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



WEST APPROACH SPAN DECK PLAN



EAST APPROACH SPAN DECK PLAN

NOTES:

1. Areas of deck repair shown are estimated. The Engineer shall show actual locations of deck repairs at the time of construction.
2. For Abutment joint removal and reconstruction, see Abut. Jt. Rmvl. and Replacement Detail sheets.
3. Protective Coat shall be applied to the top of reconstructed joints, top and inside face of parapets, and top of approach slab repairs.
4. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to Concrete Removal.
5. The Contractor shall exercise extreme caution during Concrete Removal to avoid damaging the steel beams and diaphragms to remain. Any damage to the existing steel beams and/or diaphragms to remain caused by the Contractor in the performance of his/her work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
6. Removal of the existing preformed joint seal is included in the cost of Preformed Joint Strip Seal.

BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	1

N

LEGEND

Deck Slab Repair (Partial)

MODEL: 038-0133 Approach Repair
FILE NAME: pw://hansonlnc-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADSheets/D366H05-sht-Bridge_038-0133.dgn

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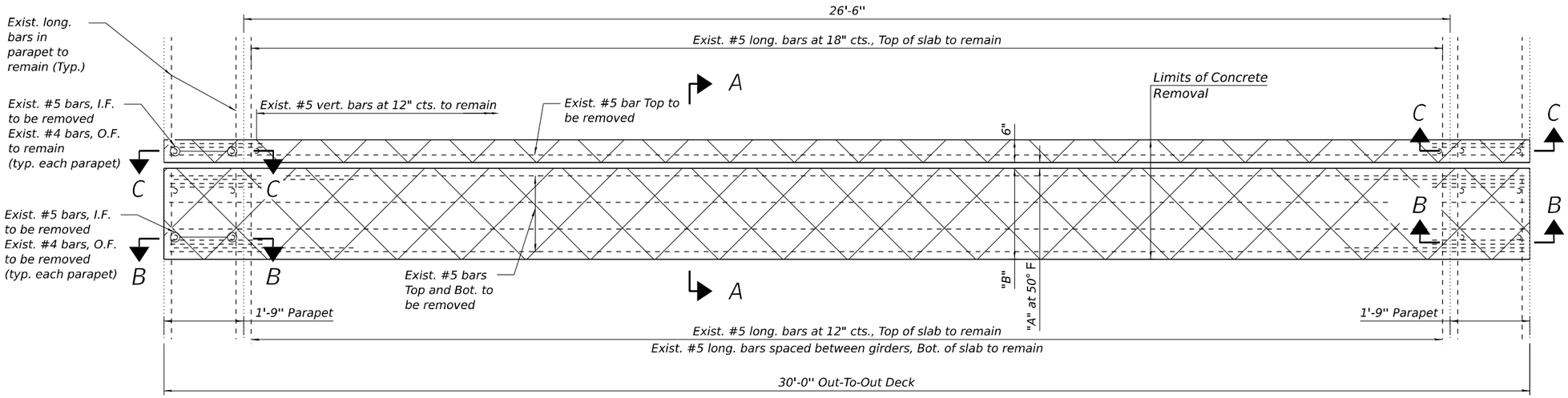
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
APPROACH SPAN REPAIR PLAN S.N. 038-0133
SHEET 3 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	129
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



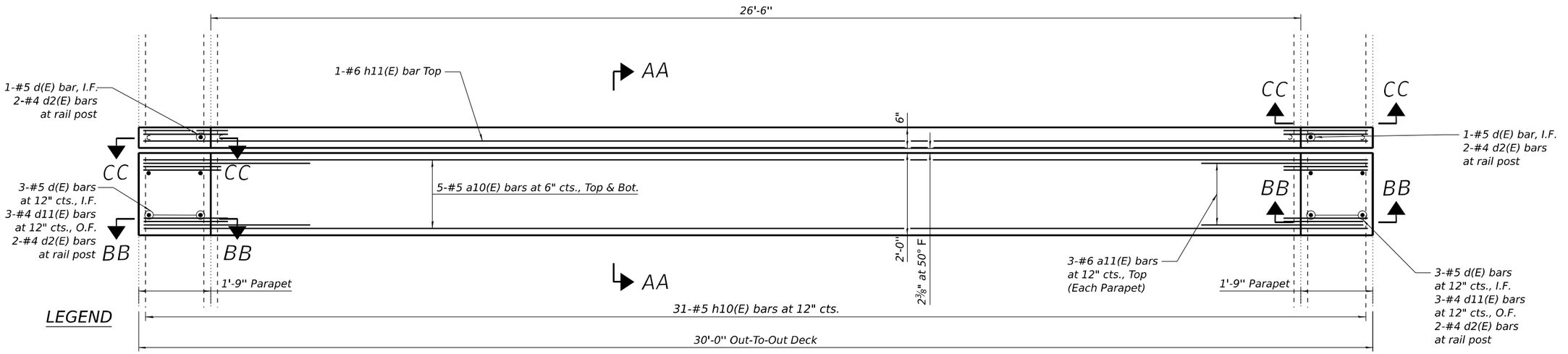
WEST ABUTMENT JOINT REMOVAL PLAN

(EAST ABUTMENT ROTATED 180°)

NOTES:

1. For Sections A-A, B-B, C-C, AA-AA, BB-BB, and CC-CC, see Sheet 5 of 12.
2. For Joint Dimensions "A" and "B", see Sheet 5 of 12.

N



WEST ABUTMENT JOINT RECONSTRUCTION PLAN

(EAST ABUTMENT ROTATED 180°)

LEGEND

I.F. Inside Face

O.F. Outside Face

Concrete Removal

MODEL: 038-0133 Abutment Joint Removal
FILE NAME: pw://hansonInc-pw.bentley.com:hanson-pw-01/Documents/23/obs/23H0038_09/CAD/CADsheets/D366H05eitkBridge_038-0133.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
ABUT. JOINT RMVL. AND REPLACEMENT (SHT 1/2) S.N. 038-0133
SHEET 4 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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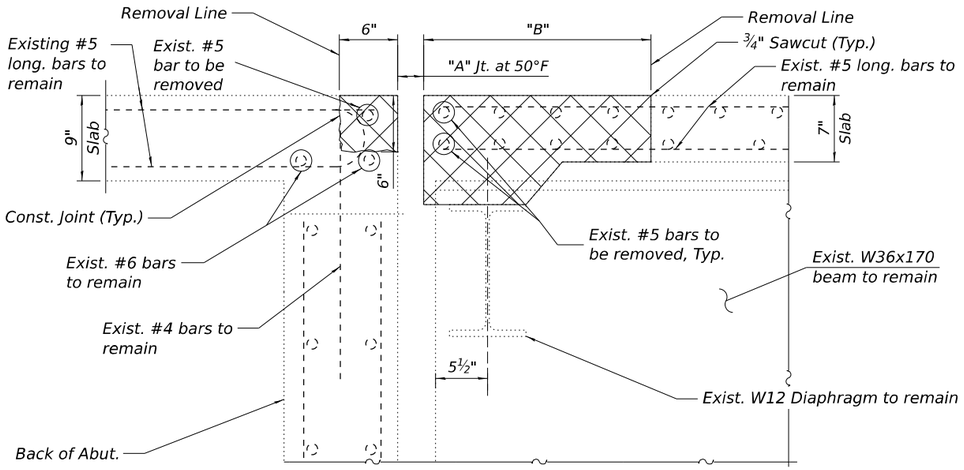
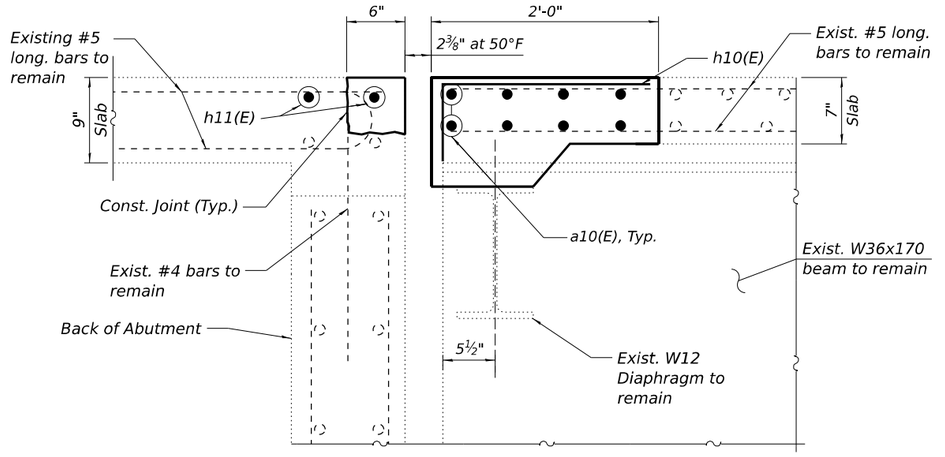
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		





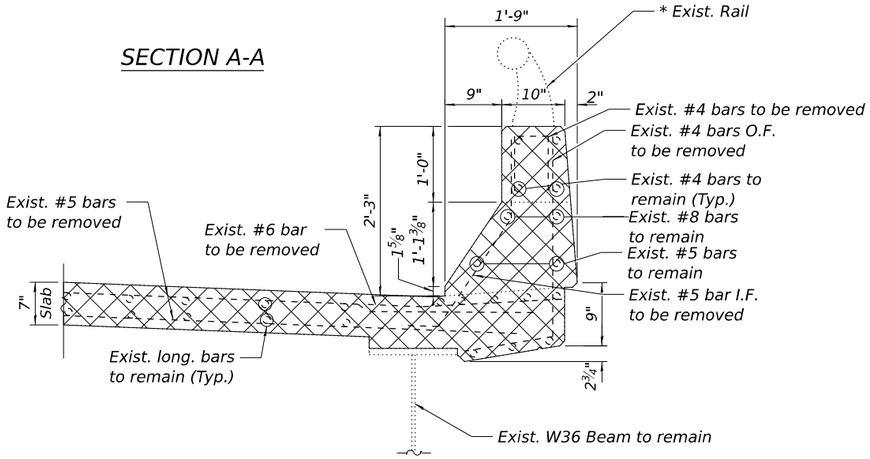
TWO EXPANSION JOINTS BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	20	#5	29'-4"	
a11(E)	12	#6	6'-0"	
d(E)	16	#5	3'-5"	
d2(E)	16	#4	2'-1"	
d11(E)	12	#4	3'-10"	
h10(E)	62	#5	2'-0"	
h11(E)	2	#6	29'-4"	
Concrete Removal		Cu. Yd.	4.8	
Concrete Superstructure		Cu. Yd.	4.6	
Protective Coat		Sq. Yd.	20	
Reinforcement Bars, Epoxy Coated		Pound	1050	

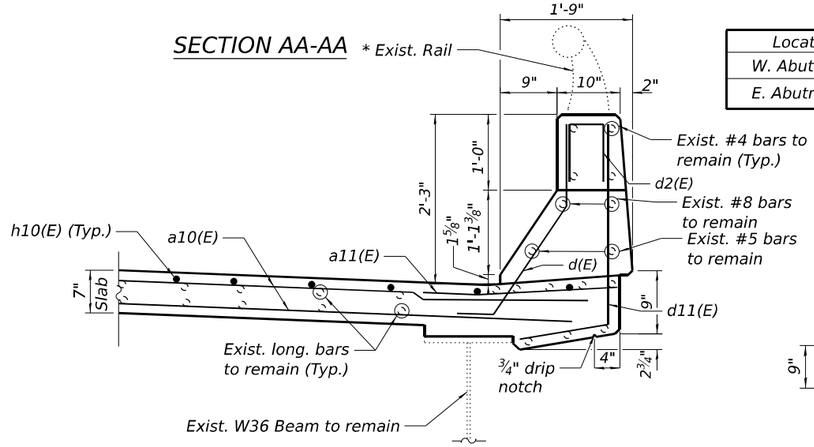
JOINT DIMENSIONS

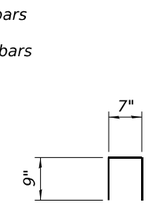
Location	Joint Opening "A"	Dimension "B"
W. Abutment	⅞"	2'-1½"
E. Abutment	1 5/16"	2'-1 1/16"

SECTION A-A

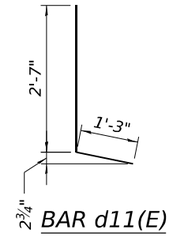


SECTION AA-AA

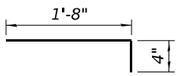




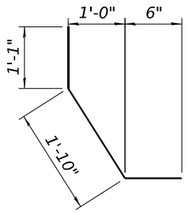
BAR d2(E)



BAR d11(E)

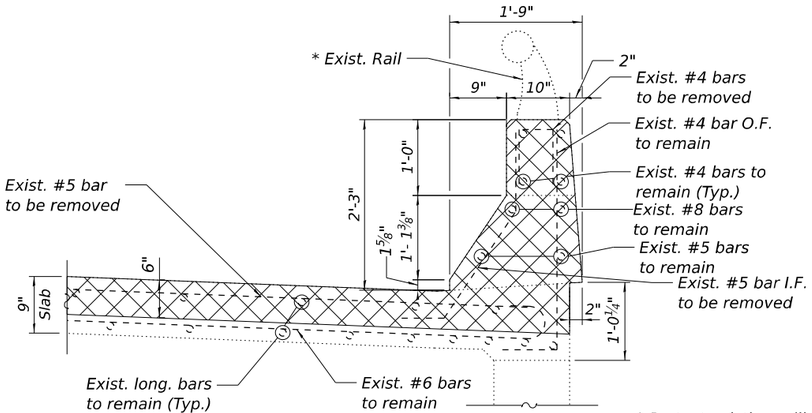


BAR h10(E)



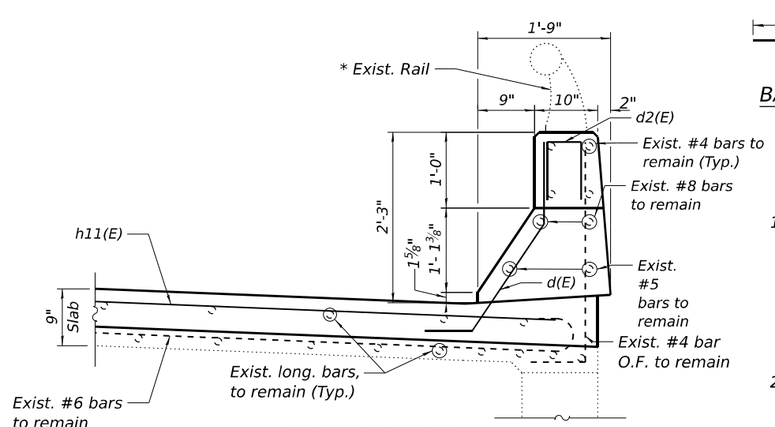
BAR d(E)

SECTION B-B



SECTION C-C

SECTION BB-BB



SECTION CC-CC

LEGEND

I.F. Inside Face

O.F. Outside Face

Concrete Removal

* Protect existing railing and end post during concrete removal and incorporate into new construction, cost included in Concrete Removal

NOTES:

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

2. Removal and disposal of the existing expansion joints is included with Concrete Removal.

MODEL: 038-0133 Abutment Joint Removal 2
FILE NAME: pw://hansonin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D366H59-sht-Bridge_038-0133.dgn

HANSON

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
ABUT. JOINT RMVL. AND REPLACEMENT (SHT 2/2) S.N. 038-0133
SHEET 5 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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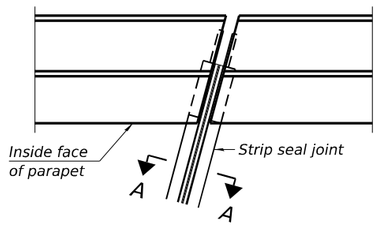
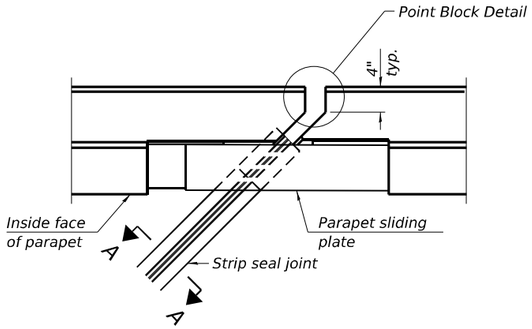
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

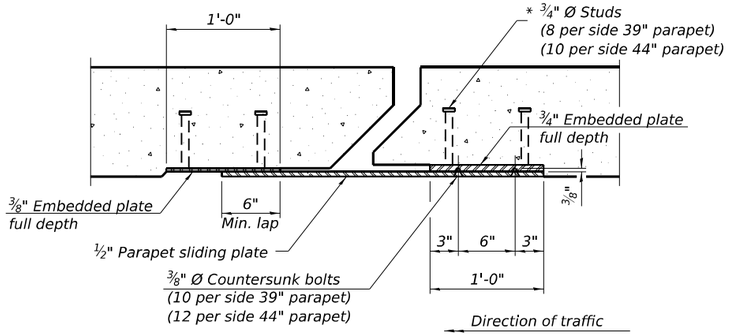


FOR SKEWS ≤ 30°

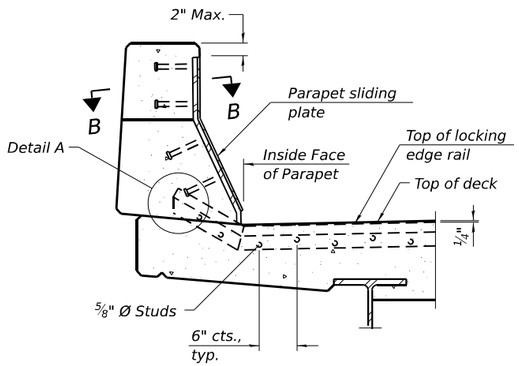


FOR SKEWS > 30°

PLAN AT PARAPET

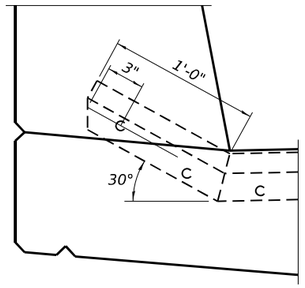


SECTION B-B

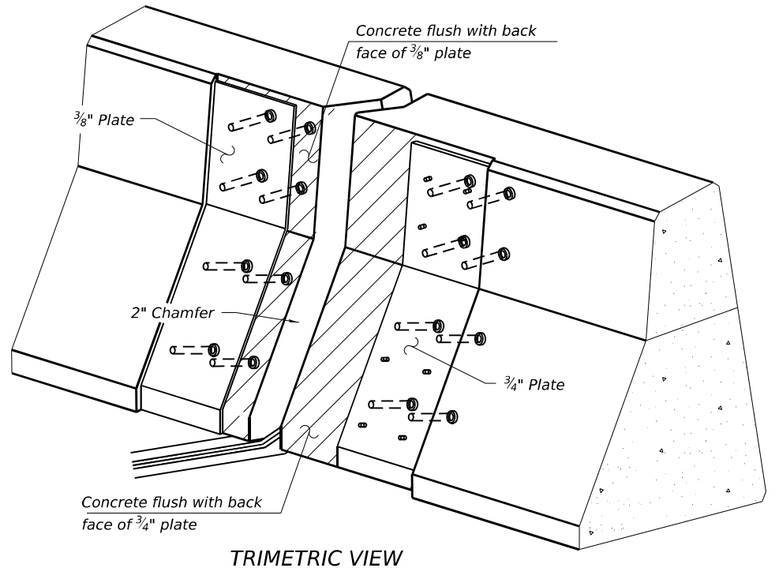


SECTION AT PARAPET

(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW

(Showing embedded plates only)

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ¼". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4½" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

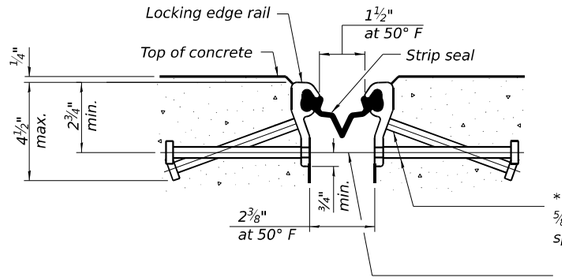
The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

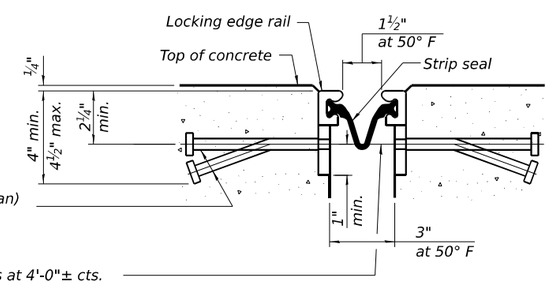
The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.



SHOWING ROLLED RAIL JOINT



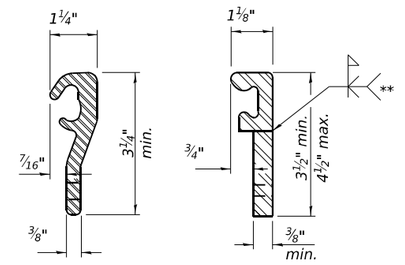
SHOWING WELDED RAIL JOINT

* ⅝" Ø x 6" studs @ 6" cts. (main span)
⅝" Ø x 4" studs @ 6" cts. (approach span)

⅜" Ø threaded rods in 7/16" Ø holes at 4'-0"± cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

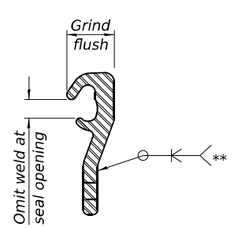
SECTION A-A

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



LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.

Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	60

MODEL: 038-0133 Preformed Joint
FILE NAME: pw://hansonlinc-pw.bentley.com:hansonlinc-pw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D366H53-Int-Bridge_038-0133.dgn

HANSON

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PLOT SCALE = 0:2.0000 ':' / in.	CHECKED - PMH	REVISED -		
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 6 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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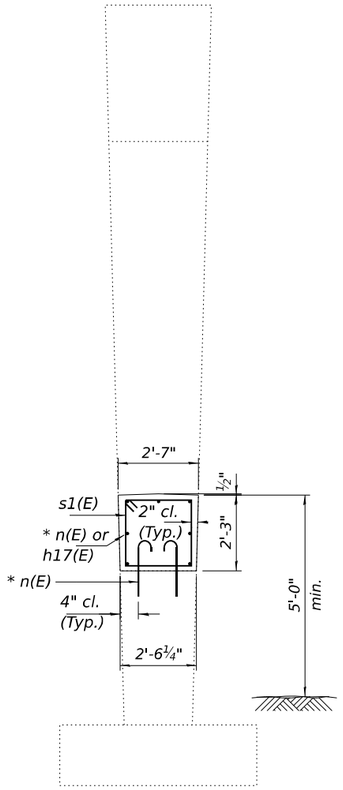
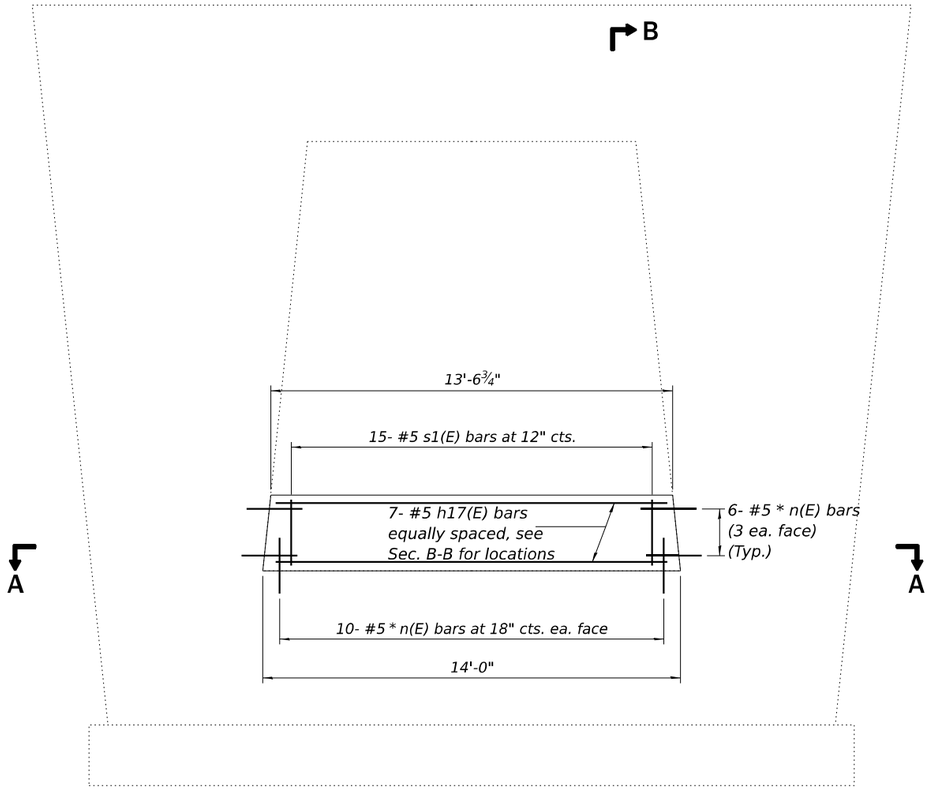
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

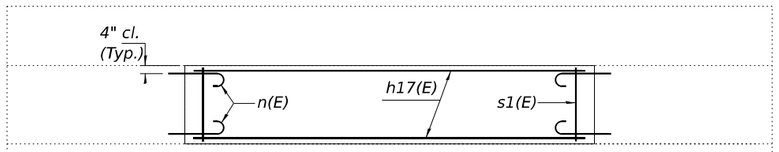


SECTION B-B

* Epoxy grout n(E) bars in 9" min. holes according to Art. 584 of the Standard Specifications.



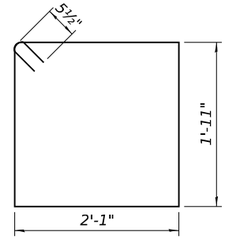
ELEVATION



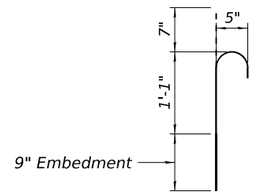
SECTION A-A

NOTES:

1. *All reinforcement bars shall be epoxy coated.*
2. *Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work.*
3. *Protective Coat shall be applied to both faces and top of crashwall extension.*



BAR s1(E)



BAR n(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h17(E)	7	#5	13'-2"	
n(E)	32	#5	2'-5"	
s1(E)	15	#5	8'-11"	
Concrete Structures			Cu. Yd.	3.0
Reinforcement Bars, Epoxy Coated			Pound	310
Protective Coat			Sq. Yd.	11

MODEL: 038-0133 Pier Crash Wall Modification
FILE NAME: pw://hansonlm-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADsheets/D366459-IntkBridge_038-0133.dgn

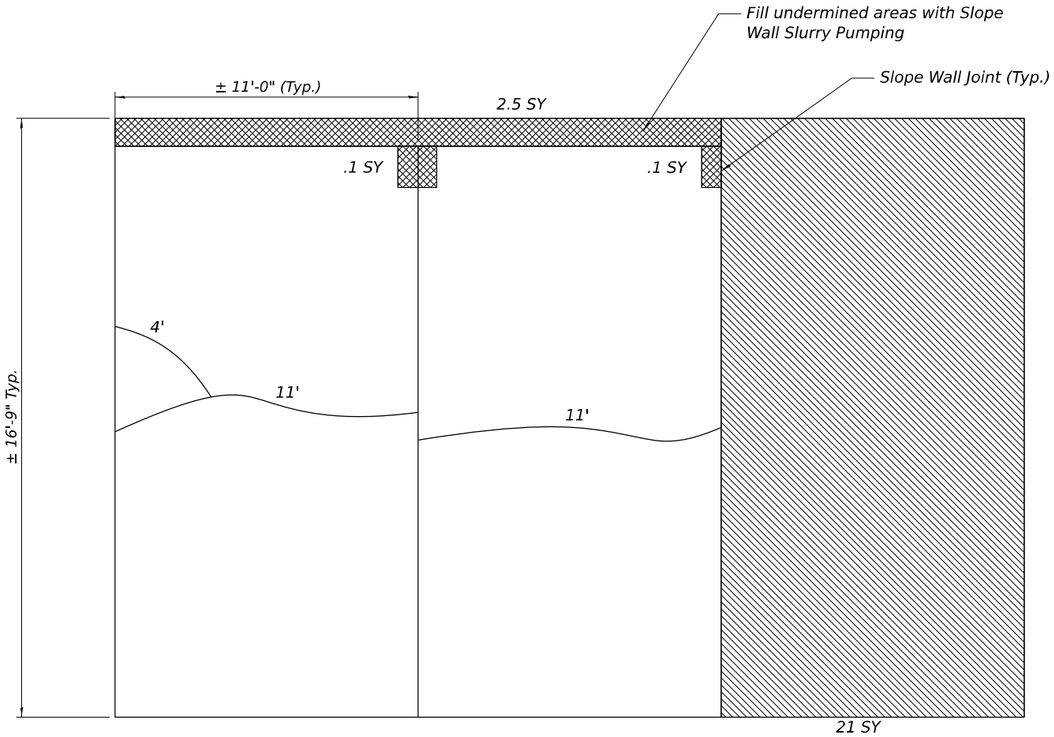
HANSON

USER NAME = povill02298	DESIGNED - KMP	REVISED -	
	DRAWN - KMP	REVISED -	
PLOT SCALE = 0:2.0000 ':' / in.	CHECKED - PMH	REVISED -	
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

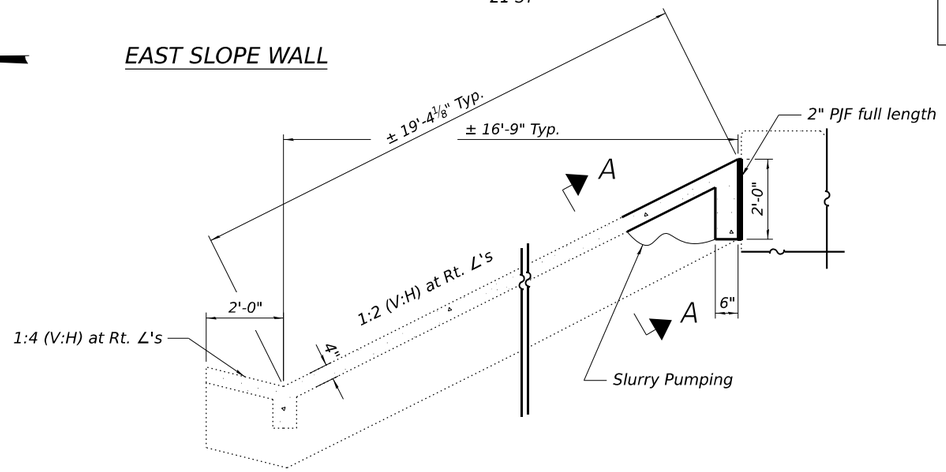
STRUCTURE PLANS
PIER CRASHWALL EXTENSION S.N. 038-0133
SHEET 7 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	133
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

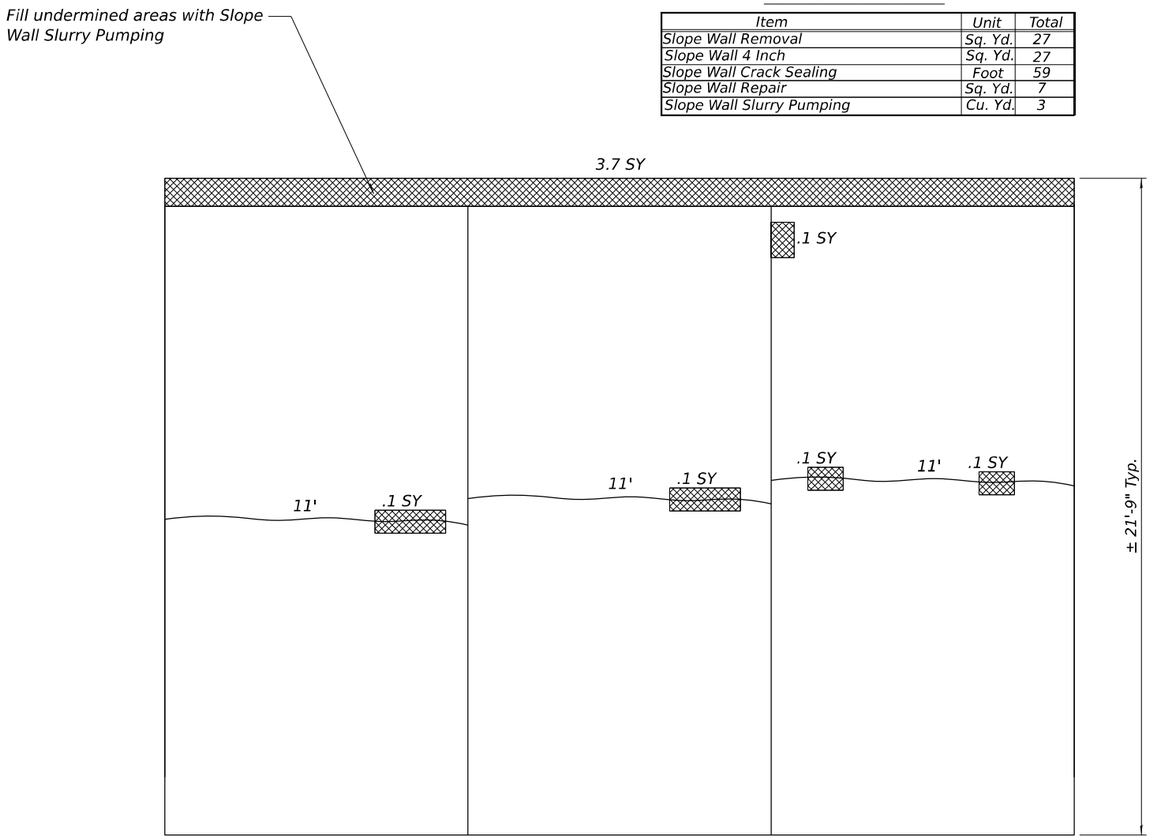


Z

EAST SLOPE WALL



SECTION THRU CONCRETE SLOPE WALL REPAIR

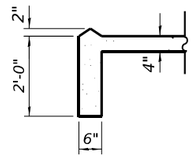


WEST SLOPE WALL

Z

BILL OF MATERIAL

Item	Unit	Total
Slope Wall Removal	Sq. Yd.	27
Slope Wall 4 Inch	Sq. Yd.	27
Slope Wall Crack Sealing	Foot	59
Slope Wall Repair	Sq. Yd.	7
Slope Wall Slurry Pumping	Cu. Yd.	3



SECTION A-A

NOTES:

1. Slope wall shall be reinforced with welded wire fabric 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs per 100 sq. ft.
2. Areas of slope wall repair are estimated based off the 2024 field inspection. The Engineer shall confirm limits of repairs in field at time of construction.
3. Cost of all materials and labor required for Slope Wall Repairs are included with the cost for Slope Wall Repair measured in place in square yards.
4. Existing welded wire fabric shall extend 6" into the proposed Slope Wall Repair. The exposed 6" of welded wire fabric on either side shall be lapped with the proposed slope wall reinforcement.
5. Areas of slurry pumping are approximate. Actual locations and limits will be determined by the Engineer in the field.
6. Limits of proposed slope wall shall match existing slope wall limits.

LEGEND

- Slope Wall Crack Sealing
- Slope Wall Repair
- Slope Wall Removal and Replacement with Slope Wall 4 Inch

MODEL: 038-0133 Slope Wall Repair
FILE NAME: pw://hansonlm-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADsheets/D366H59-intr-Bridge_038-0133.dgn

HANSON

USER NAME = povill02298	DESIGNED - KMP	REVISED -	
	DRAWN - KMP	REVISED -	
PLOT SCALE = 0:2.0000 ':' / in.	CHECKED - PMH	REVISED -	
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

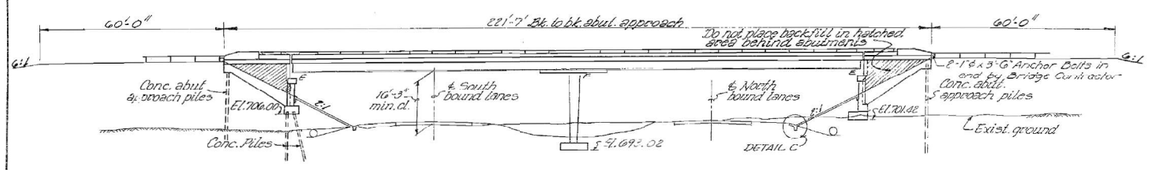
STRUCTURE PLANS
SLOPE WALL REPAIRS S.N. 038-0133
SHEET 8 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	134
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY

B.M. = #4 Railroad spike in power pole 13'Lt. Sta. 20+01 El. 701.99

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



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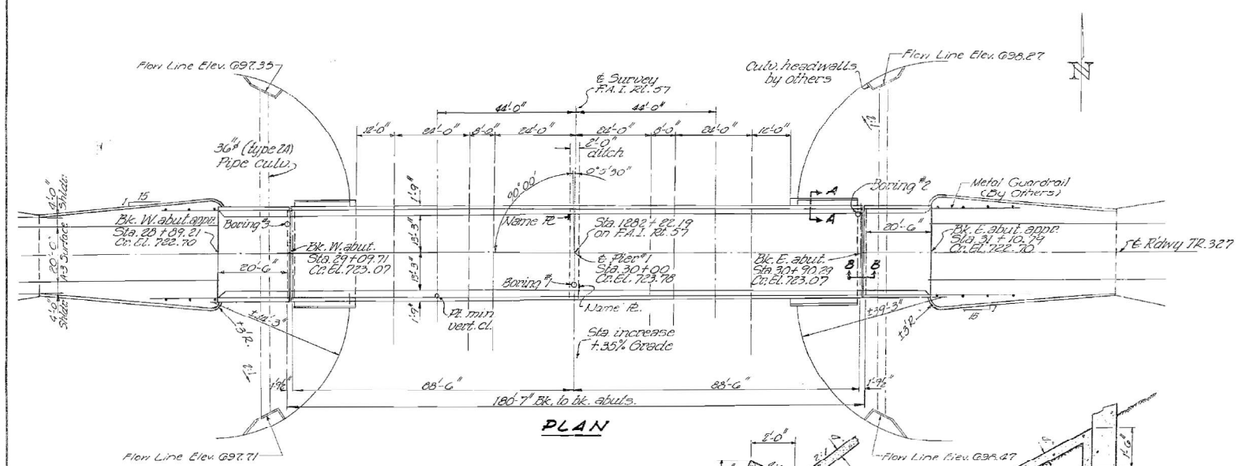


DESIGN STRESSES

fc = 1400 psi. Super & Sub.
fs = 20,000 psi. Reinf.
fs = 20,000 psi. Struct. (A-36)
Vc = 75 psi. Footings
n = 10

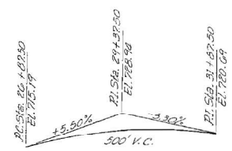
LOADING HS15-44

Live Load Deflection = Span/1000 non-comp.
Span/1000 comp.

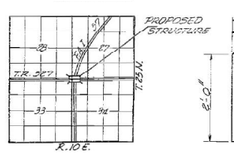
V.B. Cogue		
DESIGNED	Marcel C. Benedict	
CHECKED	D. Dibowski	J.M.
DRAWN	M.E.B.	
CHECKED		
EXAMINED	C. N. G. Thurman	Aug. 13 19 65
PASSED	H. J. Reiter	
APPROVED	J. E. Bird	

STATION 1282 + 22.19
BUILT 19 BY
STATE OF ILLINOIS
F.A.I. RT. 57 SEC. 38-7HB-3
F. A. PROJ. I-57-6 (89)
LOADING HS 15

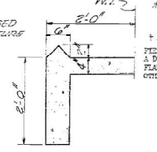
NAME PLATE
See Std. 2113-1



V.C. DATA T.R. 327



LOCATION PLAN



SEC. A-A

SOUTH S.N.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RT. 57	38-7HB-3	IROQUOIS	27	7

SHEET NO. 1
11 SHEETS

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT I-57-6(89)278

GENERAL NOTES

Class X Concrete shall be used throughout.
Coarse aggregate to be used in parapet, handrails, R.R. and posts must be absolutely free of chert, flint, limonite, lignite and soft sandstone.
The concrete floor slab shall be finished in accordance with Art. 51.19 of the Standard Specifications.
Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq. ft.
All reinforcement shall be lapped 20 diameters unless otherwise shown.
Rivets 3/4": open holes 13/16" unless otherwise noted.
Anchor bolts shall be set before painting steel work over supports.
The exposed surfaces of the expansion guard (6" x 6" x 5/8" angles) shall be given two shop coats of red lead paint. The contact surfaces shall be given one coat of red lead paint and anchor studs shall not be painted.
Expansion guards are included in the quantity of Structural Steel. Est. wt. = 1,360 lbs.
Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of paint. See Special Provisions for field paint.

The Contractor shall drive one concrete test pile in a permanent location at West abutment as directed by the Engineer before ordering remainder of piles.
Concrete piles in back approach cap shall be driven in holes precored through the embankment in accordance with Art. 603.9 (c) of the Standard Specifications.
All structural steel shall conform to A.S.T.M. Specifications designation A-36.
Permanent forms will not be permitted on bearing the concrete floor.
Excavation for portions of structures in the embankments shall not be classified.

TOTAL BILL OF MATERIAL

Item	Unit	Super.	Sub.	Total
Class X Concrete	Cu. Yds.	199.9	172.7	372.6
Structural Steel	Lbs.	185,700		185,700
Aluminum Handrail	Lin. Ft.	87		87
Reinforcement Bars	Lbs.	123,850	18,960	142,810
Concrete Piles	Lin. Ft.		665	665
Test Piles (Concrete)	Each		1	1
Name Plates	Each		2	2
Slope Wall	Sq. Yds.		193	193
Protective Coat	Sq. Yds.	87		87
Class A Patch for Structures	Cu. Yds.		10*	10*
Preformed Joint Sealer	Lin. Ft.	66		66

*Includes use on inside vertical face and exposed ends of wing walls.
+Includes excavation for Slope Wall.

FIELD WELDING OF CONSTRUCTION ACCESSORIES TO THE BOTTOM FLANGES OR FOR A DISTANCE OF 2' OF THE SPAN EACH WAY FROM PIER SUPPORTS ON THE TOP FLANGES OF BEAMS OR GIRDERS WILL NOT BE PERMITTED. FIELD WELDING IN OTHER AREAS WILL BE PERMITTED ONLY WHEN APPROVED BY THE ENGINEER.

PROJ. I-57-6(89)278
T.R. 327 OVER F.A.I. RT. 57

GENERAL PLAN & ELEVATION
F.A.I. RT. 57 SEC. 38-7HB-3
IROQUOIS COUNTY
STATION 1282+22.19

11/16/65 M.E.B. Corrected Embankment & Borrow Excavation from 16,770 to 9,170 cu. yds. 9,260 to 11,460 cu. yds. at W. Abut. also Borrow Excav. in Total Bill from 33,300 to 28,300 cu. yds. 11,030 to 7,000 cu. yds. and 14,900 to 8740 cu. yds. at E. Abut

Revised: 12/29/67 M.C.C.

Revised: [illegible]

MODEL: 038-0133 Existing GPE Sheet
FILE NAME: pw://hansonlnk-pw.bentley.com:hanson-gpw-01/Documents/23jobs/23H0038_09/CAD/CADSheets/D36H59-Int-Bridge_038-0133.dgn

HANSON	USER NAME = povll02298	DESIGNED - KMP	REVISED -
		DRAWN - KMP	REVISED -
	PLOT SCALE = 0:2.0000 ':' / in.	CHECKED - PMH	REVISED -
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
EXISTING PLANS S.N. 038-0133
SHEET 9 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	135
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY

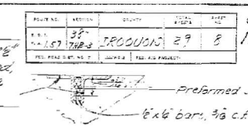
Note:
Bars indicated thus 21 x G - #5 etc. indicates 21 lines of bars with G lengths per line
Min. bar laps = 30 dia.

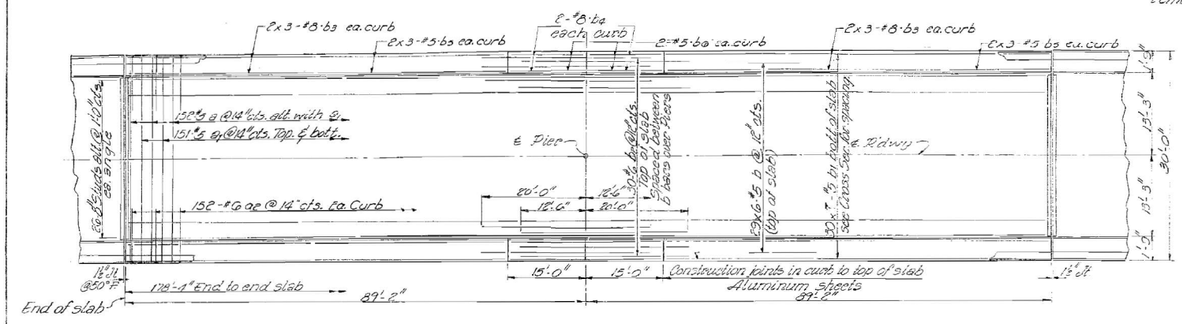
All exposed edges to be chamfered ¾"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

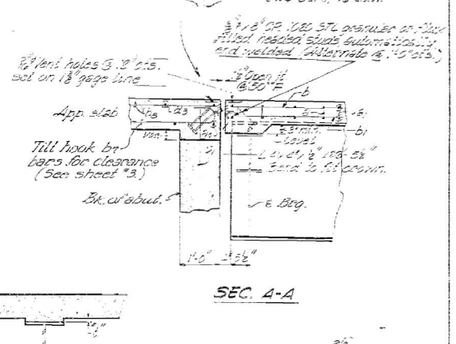
ROUTE NO.	SECTION	COUNTY	DISTRICT NO.	SHEET NO.
F.A.I. 57	38-9, 38-8, 38-7 RS, RA, BRR	IROQUOIS	8	11 SHEETS
SEC. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

¾" Holes @ R'ds. for ⅞" bolts set on 2⅝" gage line. All bolts shall be burned, sawed or clipped-off flush with back of angles after forms are removed.





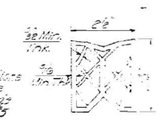
PLAN



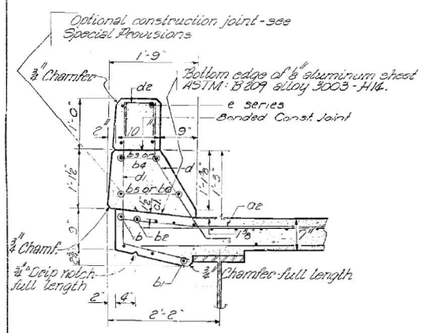
SEC. A-A

STANDARD FILLET DETAIL

To determine "d" after all structural steel has been erected, elevations elevations of the top flanges of beams shall be taken at intervals shown on sheet 5. These elevations subtracted from the "Grade Elevations Adjusted for Dead Load Deflections" shown on sht. 5 minus slab thickness equals the fillet height "d" above top of beams.

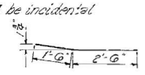


DETAIL - PREFORMED JOINT SEALER

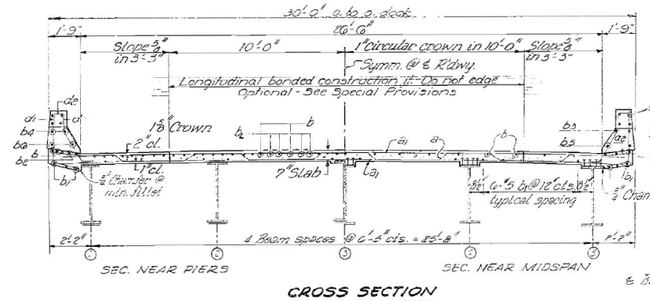


CURB DETAIL

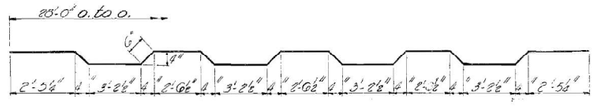
Cost of aluminum sheets shall be incidental to Class X Concrete.



BAR 02



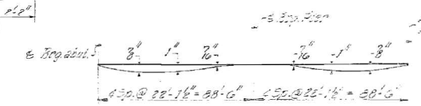
CROSS SECTION



BAR 8



BAR d1



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only)

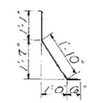
Note: The above deflections are not to be used in the field. If the Engineer is making a form, the grade is to be adjusted for dead load deflections as shown on sh. #5.

*Weight of bearing assemblies with load plates and anchor bolts (est. wt. = 4,290 lbs.) and shear connectors (est. wt. = 1,060 lbs.) are included as Structural Steel.

BILL OF MATERIAL

Bar	No.	Size	Shape	Length
a	108	#5		89'-6"
b	302	#5		89'-6"
be	302	#6		2'-0"
c	180	#5		30'-0"
d	610	#5		6'-0"
d1	20	#5		32'-4"
d2	20	#5		32'-4"
ba	84	#5		27'-9"
be	8	#8		10'-0"
bs	32	#5		6'-9"
bs	8	#5		6'-9"
d	330	#5		5'-6"
d1	329	#5		5'-6"
d2	80	#5		2'-1"
Superstructure Conc.				425 C.Y.
Structural Steel				103 Tons
Reinforcement Bars				44,228 Lbs.

+ Includes Dead Load Deflection



BAR d



BAR d2

DESIGNED	M.E. Gonzalez	Aug 13 19 65
CHECKED		EXAMINED
DRAWN	J.M.	PASSED
CHECKED		APPROVED

SUPERSTRUCTURE
F.A.I. RT. 57 SEC. 38-7HB-3
IROQUOIS COUNTY
STATION 1282+22.19

MODEL: 038-0133 Existing Joint Sheet
FILE NAME: pw://hansonlm-ipw.bentley.com:hanson-ipw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D3666f5k-ntkBridge_038-0133.dgn

HANSON	USER NAME = povill02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS EXISTING PLANS S.N. 038-0133
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:2.0000 ':' / In.	CHECKED - PMH	REVISED -		SHEET 10 OF 12 SHEETS
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		

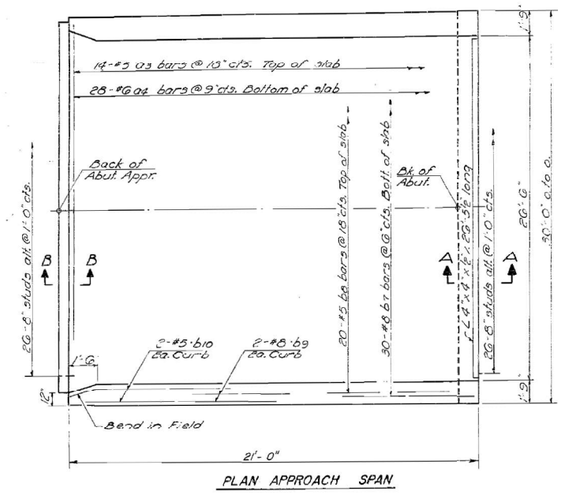
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	136
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

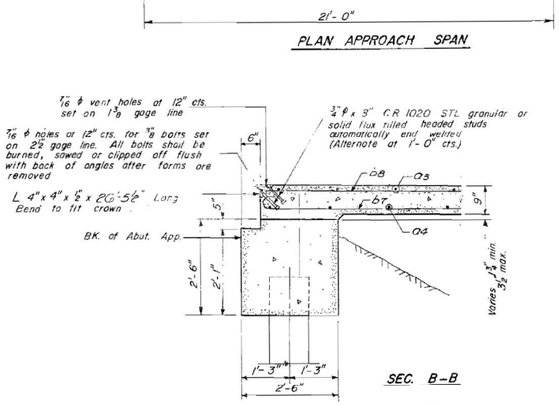
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	38-7HB-2	IROQUOIS	27	7

SHEET NO. 3 / 11 SHEETS



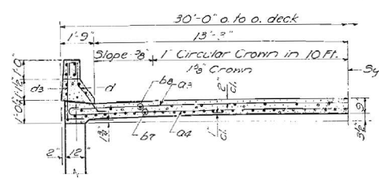
PLAN APPROACH SPAN

Note:
For Sec. A-A see shf. #8.

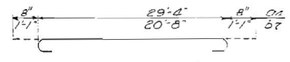


SEC. B-B

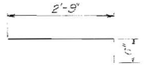
V.B. Orozco			
DESIGNED	Morris E. Hanselka	Aug. 13	19 65
CHECKED	J. Schneller J.M.	EXAMINED	
DRAWN	M.E.H.	PASSED	
CHECKED		APPROVED	



HALF CROSS SECTION APPROACH SLAB



BARS a4 & b7



BAR d3

Note: For details of bars d & d3 See Sheet #8.
For details of bars d4-d7 See Sh. 4

STRESS TABLE

2 Span Continuous Interior Beams

Type	LGC	Moments (ft. kips) 4 Sp. 182	Pier	Reactions (kips) Abuts.	Pier	Shears/pm. (kips) 0.2 Pt.	0.3 Pt.	0.5 Pt.
Composite	D	116.0	175.0	28.51	90.32	+ 3.31	- 1.54	- 1.59
Non-Comp.	L	396.0	657.0	147.37	522.13			
Live Load with Impact		594.0	456.0	94.54	143.85	+ 20.10	+ 16.50	14.50
Total		+ 710.0	- 1488.0	270.42	756.20	+ 23.41	+ 18.04	- 16.49

PROPERTIES

	STEEL SECTION Midspan ℄ 2	Pier		COMPOSITE SECTION Midspan 1 & 2
Is	10,470.0 in^4	17,090.8 in^4 (Int)	20,151.6 in^4 (Ext)	
Sts	579.1 in^3	900.6 in^3	1,042.0 in^3	
Sbs	579.1 in^3	900.6 in^3	1,042.0 in^3	
Stc				1,564.3 in^3
Sbc				766.5 in^3

Is = Moment Inertia of steel section
Sts = Sec. Mod. top steel section
Sbs = Sec. Mod. bott. steel section
Stc = Sec. Mod. top composite sec.
Sbc = Sec. Mod. bott. composite sec.

BILL OF MATERIAL

TWO APPROACH SLABS

DATA	NO.	SIZE	LENGTH-SPACE
b2	28	#5	23'-2"
b4	58	#3	30'-8"
			23'-2"
b7	30	#8	30'-8"
b8	60	#5	30'-8"
	3	#8	30'-8"
b10	3	#5	30'-6"
a1	58	#3	5'-8"
a2	116	#4	8'-7"
a3	58	#2	5'-2"
a4	13	#3	6'-4"
d5	116	#6	6'-7"
d6	116	#5	6'-10"
d7	118	#4	7'-3"
Reinforcement Bars		lbs.	3110
Class X Concrete		Cu. yds.	39.7

* Includes Curb Blocks

APPROACH SPANS
F.A.I. RT. 57 SEC. 38-7HB-2
IROQUOIS COUNTY
STATION 1282 + 22.19

MODEL: 038-0133 Existing Approach Sheet
FILE NAME: pw:\\hansonlm-pw.bentley.com:hanson-pw-01\Documents\23jobs\23H0038_09\CAD\CADsheets\D366H05eshtBridge_038-0133.dgn

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	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

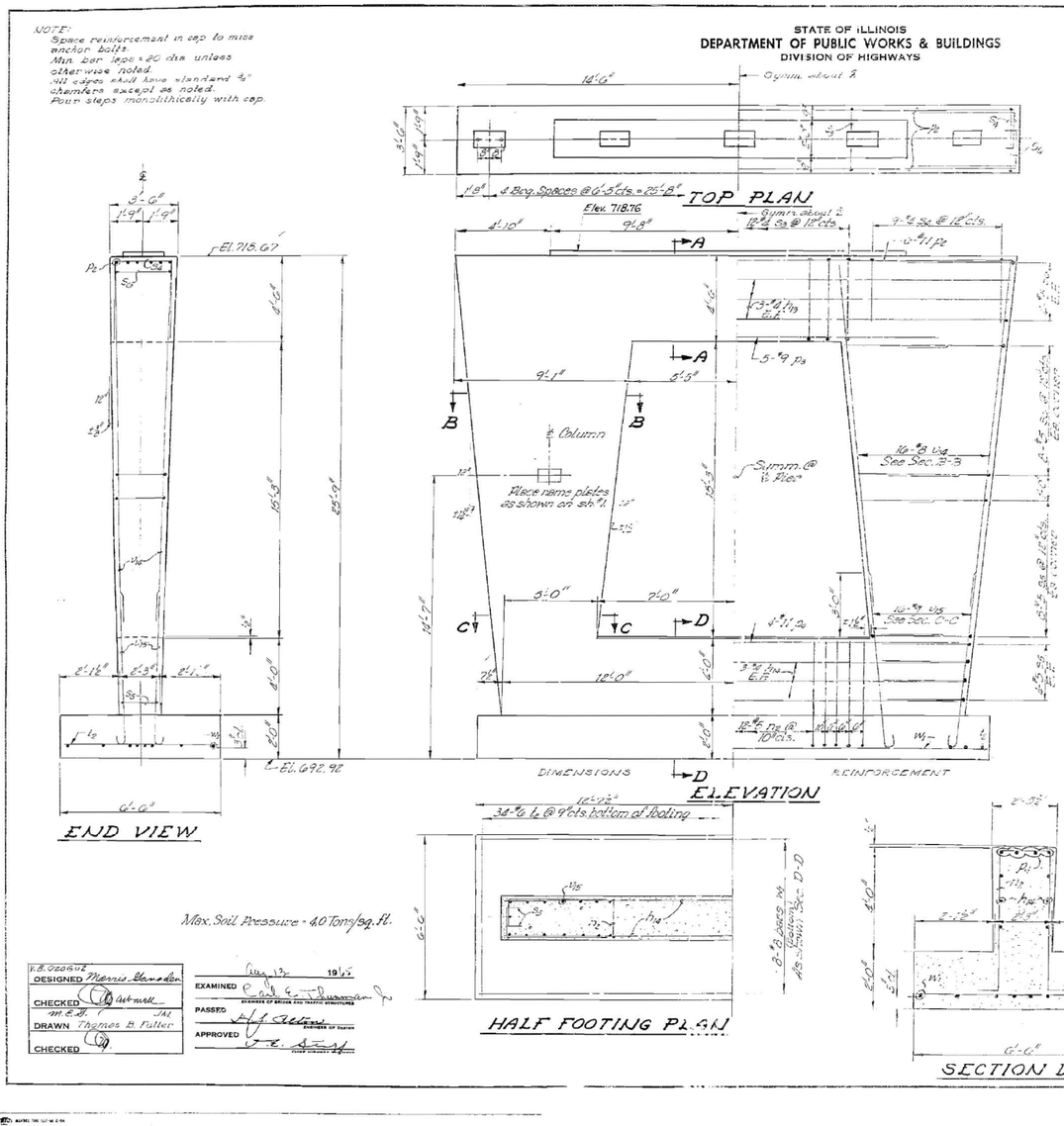
STRUCTURE PLANS
EXISTING PLANS S.N. 038-0133
SHEET 11 OF 12 SHEETS

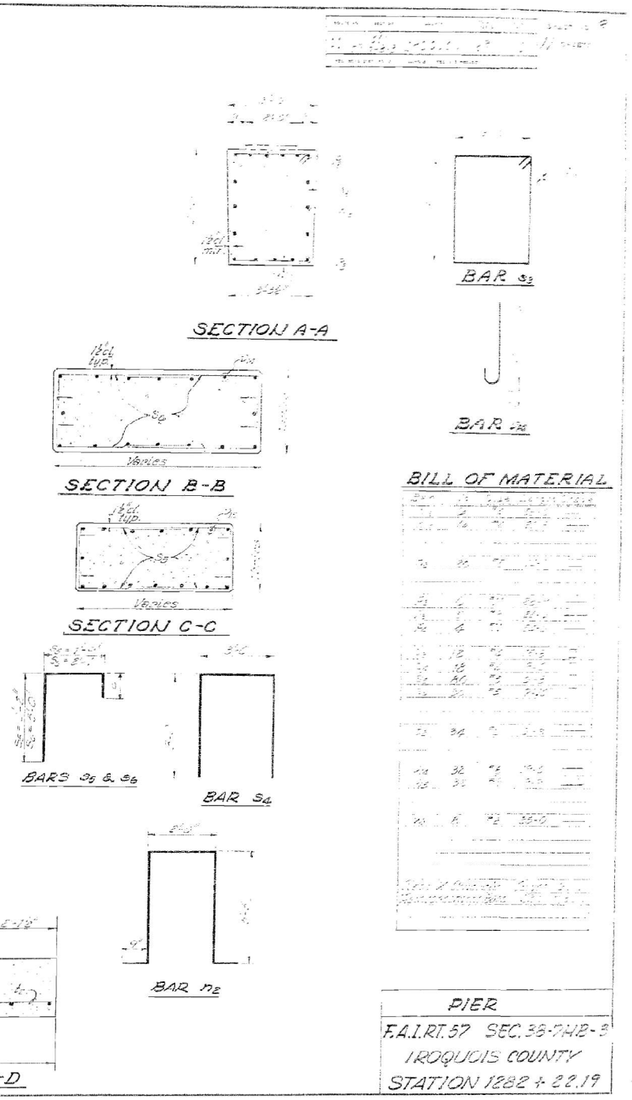
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	137
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

NOTE:
Space reinforcement in cap to miss anchor bolts.
Min. bar laps = 20 dia. unless otherwise noted.
All edges shall have standard ¾" chamfers except as noted.
Pour steps monolithically with cap.





V.B. Dzagic	Morris Chandler	
DESIGNED		
CHECKED	M.E.B.	J.M.
DRAWN	Thomas B. Fuller	
CHECKED		

EXAMINED
PASSED
APPROVED

PIER
F.A.I. RT. 57 SEC. 38-7H2-3
IROQUOIS COUNTY
STATION 1282 + 22.19

MODEL: 038-0133 Existing Pier Sheet
FILE NAME: pw://hansonim-pw.bentley.com:hanson-pw-01/Documents/230bs/23H0038_09/CAD/CADsheets/D3666459-IntkBridge_038-0133.dgn

HANSON

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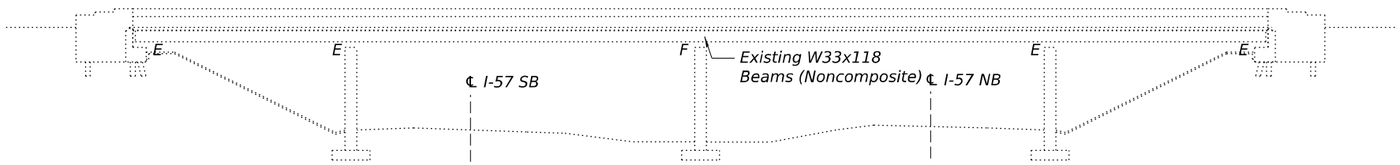
	DRAWN - KMP	REVISED -			
PLOT SCALE = 0:2.0000 '\' / In.	CHECKED - PMH	REVISED -			
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 12 OF 12 SHEETS	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	138
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

Existing Structure: SN 038-0134 was originally built in 1968 as T.R. 349 over F.A.I. Rte.57, Section 38-8HB. The existing bridge is a four span bridge, 242'-9" back to back of abutments and 30'-0" out-to-out of deck. The deck is supported by continuous W33x118 steel beams on stub abutments supported by concrete piles and three hammerhead piers on spread footings. Construction will be completed utilizing full closure.

No Salvage.



ELEVATION

GENERAL NOTES

Plan dimensions and details relative to the existing structures 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 variation shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement bars extending into removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

Areas of deck repairs shown are estimated.

The Engineer shall show actual locations and size of deck repairs on As-built Plans.

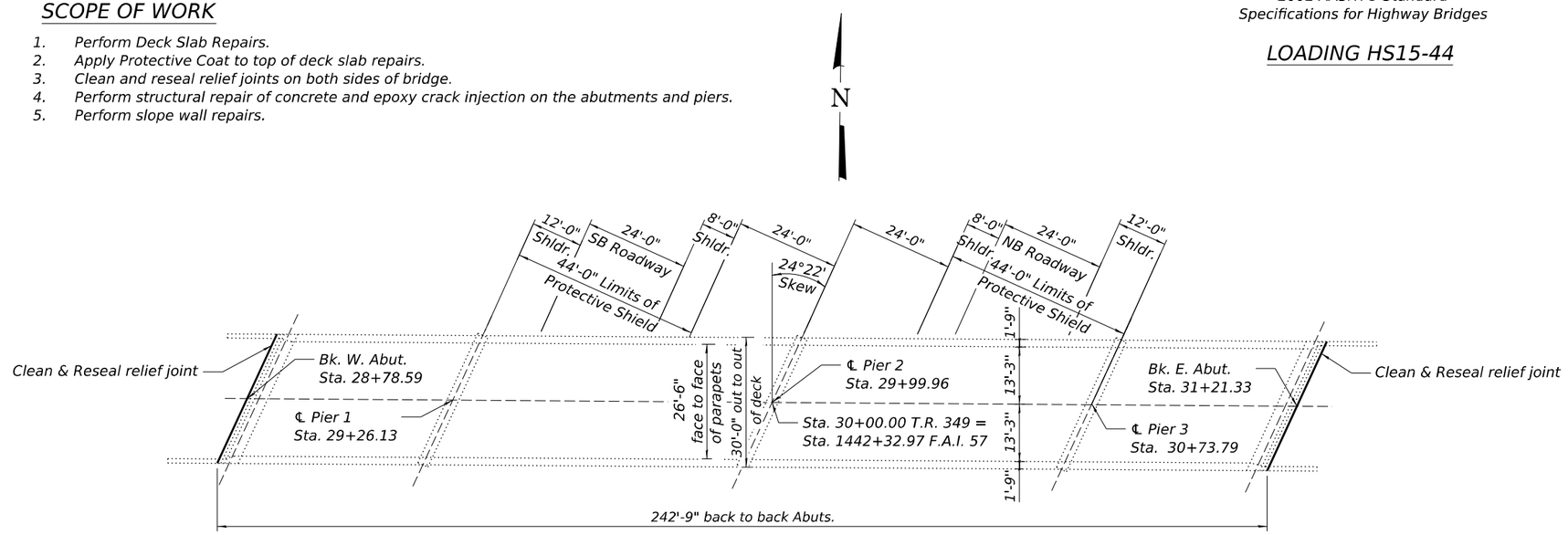
SCOPE OF WORK

1. Perform Deck Slab Repairs.
2. Apply Protective Coat to top of deck slab repairs.
3. Clean and reseal relief joints on both sides of bridge.
4. Perform structural repair of concrete and epoxy crack injection on the abutments and piers.
5. Perform slope wall repairs.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges

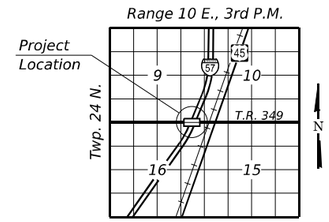
LOADING HS15-44



PLAN

TOTAL BILL OF MATERIAL

Item	Unit	Total
Protective Shield	Sq. Yd.	323
Protective Coat	Sq. Yd.	2
Epoxy Crack Injection	Foot	4
Slope Wall Crack Sealing	Foot	155
Clean & Reseal Relief Joint	Foot	61
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	98
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	1
Slope Wall Repair	Sq. Yd.	20
Slope Wall Slurry Pumping	Cu. Yd.	23



LOCATION SKETCH

INDEX OF SHEETS

1. General Plan and Elevation S.N. 038-0134
2. Deck Repair Plan S.N. 038-0134
3. West Abutment Repairs S.N. 038-0134
4. East Abutment Repairs S.N. 038-0134
5. Pier 1 Repairs S.N. 038-0134
6. Pier 2 Repais S.N. 038-0134
7. Pier 3 Repairs S.N. 038-0134
8. Slope Wall Repairs S.N. 038-0134
9-13. Existing Plans S.N. 038-0134

PATRICK M. HANNEMANN 081-007568 LICENSED STRUCTURAL ENGINEER STATE OF ILLINOIS

SIGNATURE

05/09/2025
DATE

LIC. EXP. DATE 11/30/2026

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications.

GENERAL PLAN & ELEVATION
T.R. 349 OVER F.A.I. RTE. 57 (I-57)
SECTION (38-9,38-8,38-7)RS,RA,BRR
IROQUOIS COUNTY
STATION 1442+32.97
STRUCTURE NO. 038-0134

MODEL: 038-0134 GPE
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HANSON

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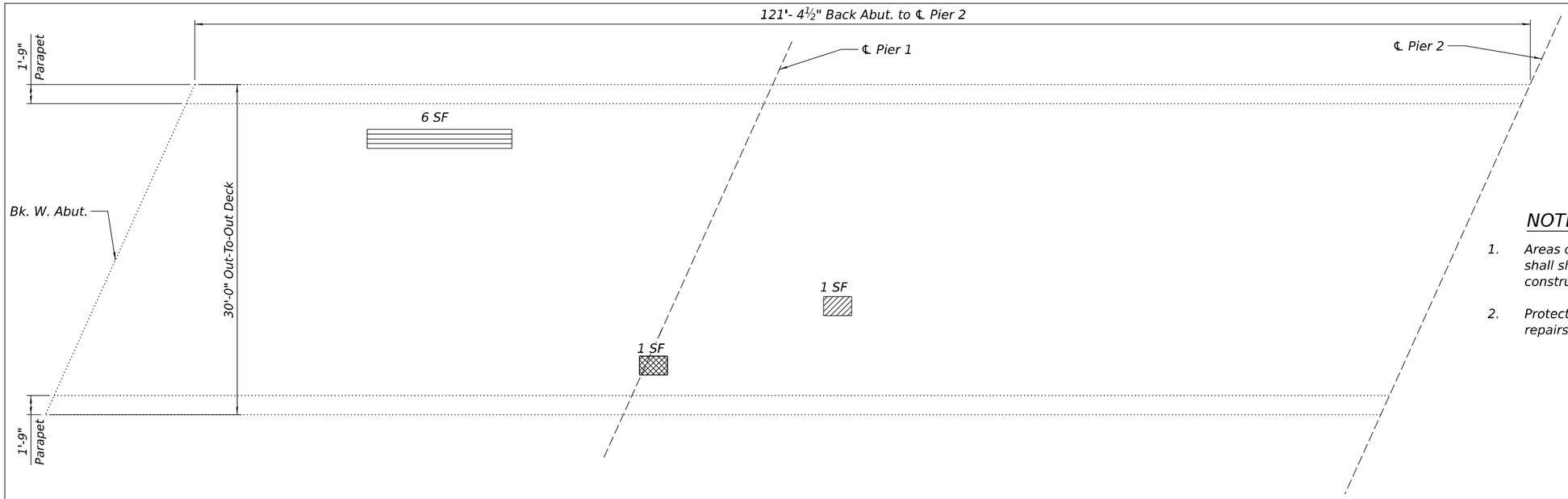
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 1 OF 13 SHEETS	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	139
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



NOTES:

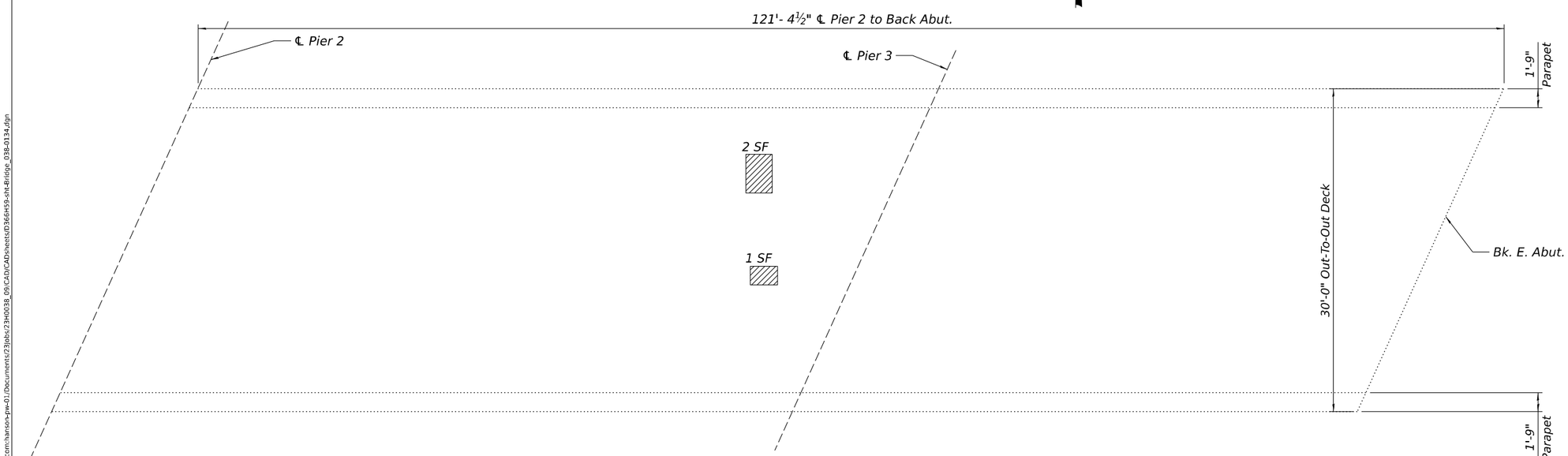
1. Areas of deck repair shown are estimated. The Engineer shall show actual locations of deck repairs at the time of construction
2. Protective Coat shall be applied to top of deck slab repairs.

BILL OF MATERIAL

Item	Unit	Total
Protective Coat	Sq. Yd.	2
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1
Deck Slab Repair (Partial)	Sq. Yd.	1

DECK PLAN - WEST HALF

N



DECK PLAN - EAST HALF

LEGEND

- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth - Type I)
- Deck Slab Repair (Full Depth - Type II)

MODEL: 038-0134 Deck Slab Repair
FILE NAME: pw:\\hansonlnc-pw.bentley.com:hanson-pw-01\Documents\23jobs\23H0038_09\CAD\CADs\sheets\D366H59-sht-Bridge_038-0134.dgn

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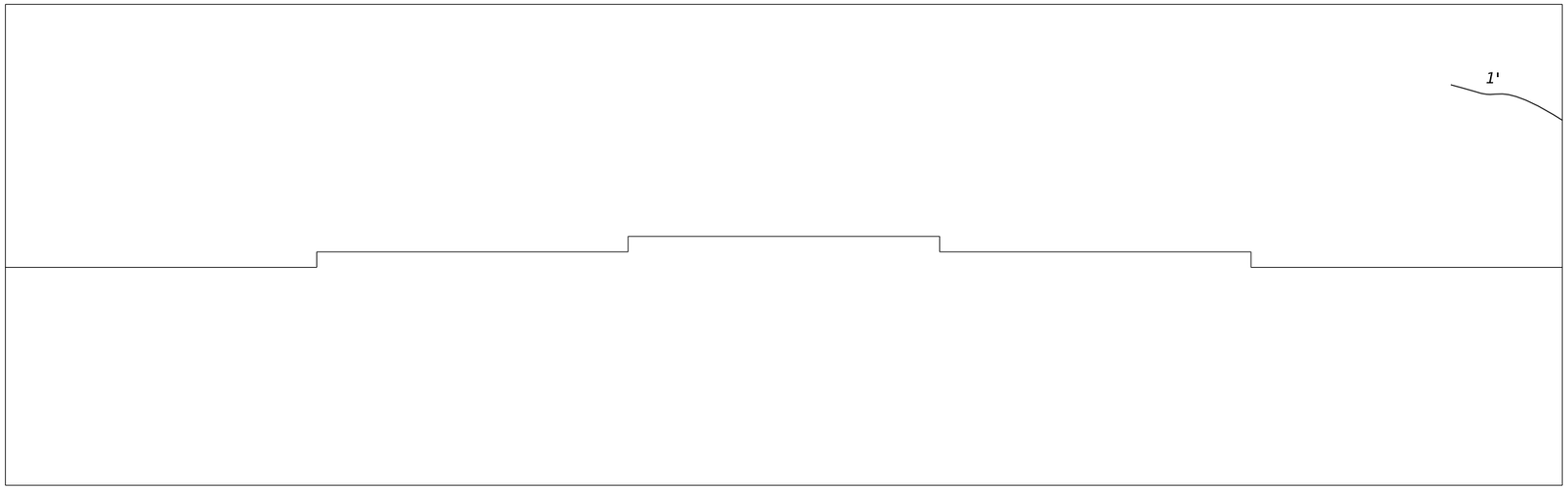
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
DECK REPAIR PLAN S.N. 038-0134
SHEET 2 OF 13 SHEETS

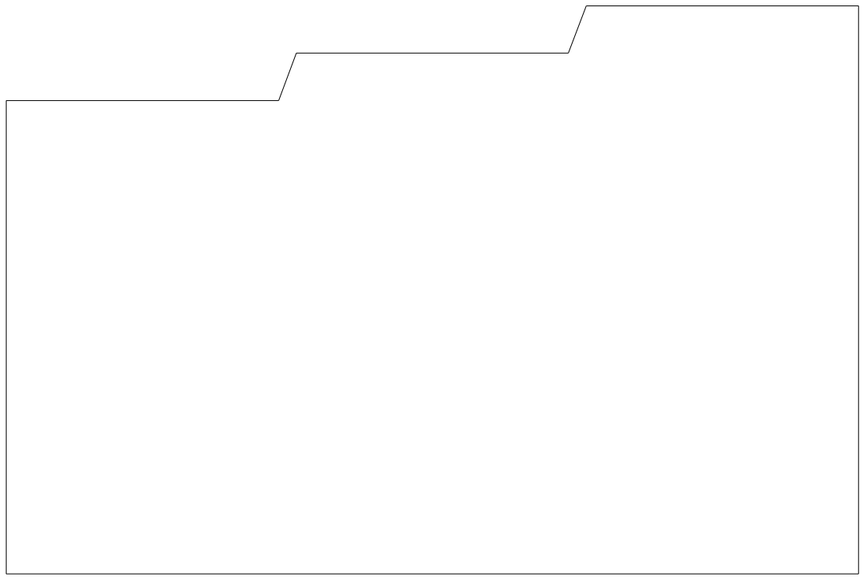
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	140
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



ABUTMENT ELEVATION

NOTES:

1. Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer at the time of construction.



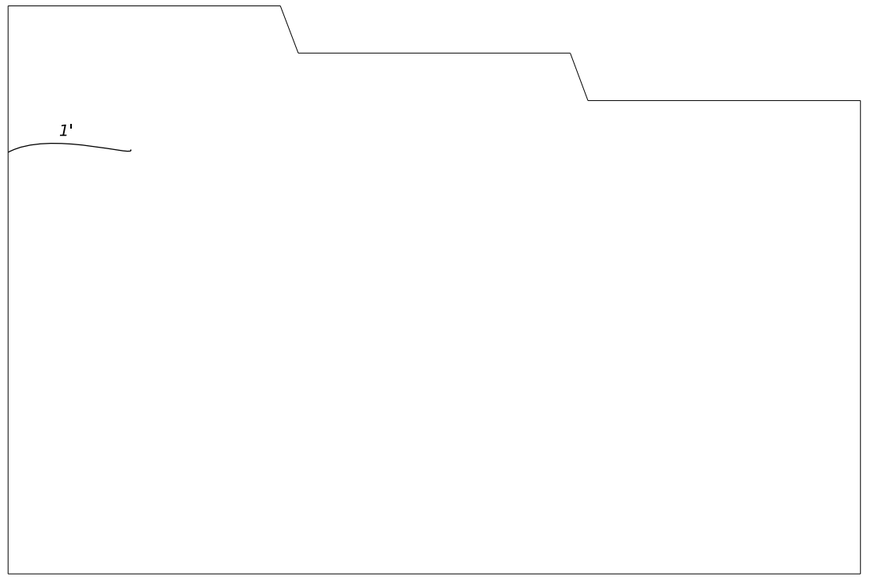
SOUTHWEST WINGWALL ELEVATION

BILL OF MATERIAL

Item	Unit	Total
Epoxy Crack Injection	Foot	2

LEGEND

Epoxy Crack Injection



NORTHWEST WINGWALL ELEVATION

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HANSON

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	DRAWN - KMP	REVISED -
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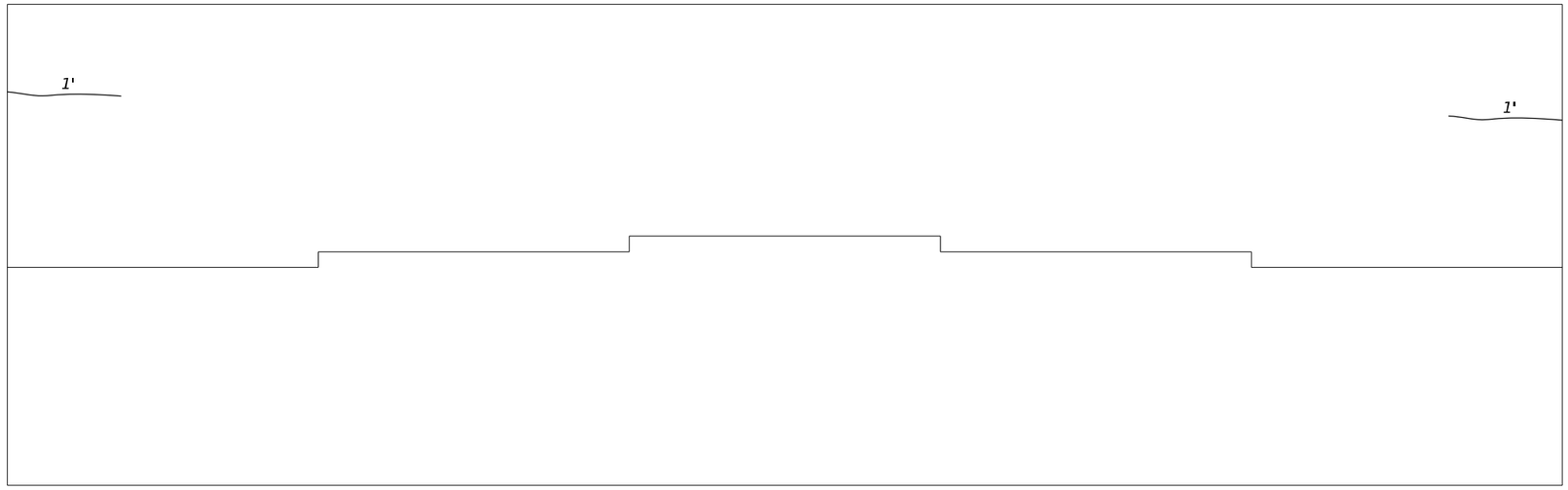
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
WEST ABUTMENT REPAIRS S.N. 038-0134
SHEET 3 OF 13 SHEETS

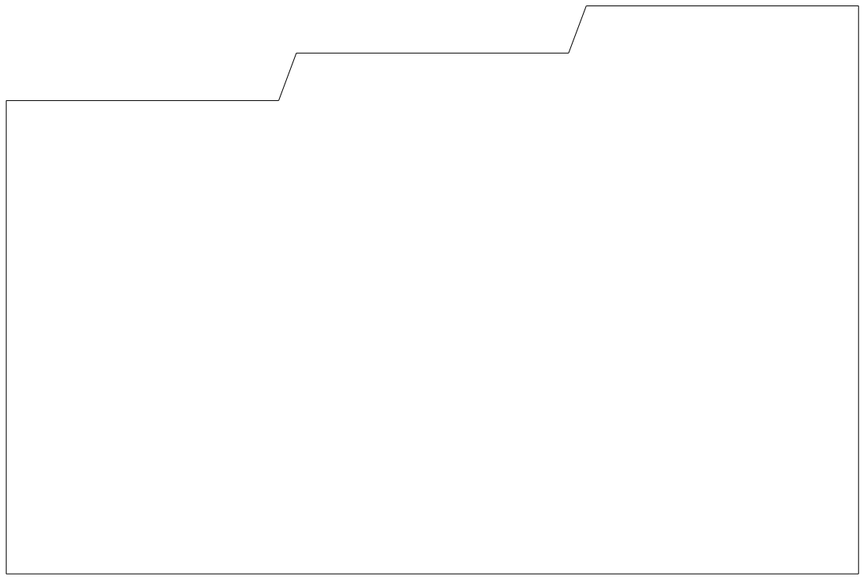
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	141
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



ABUTMENT ELEVATION

NOTES:

1. Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer at the time of construction.



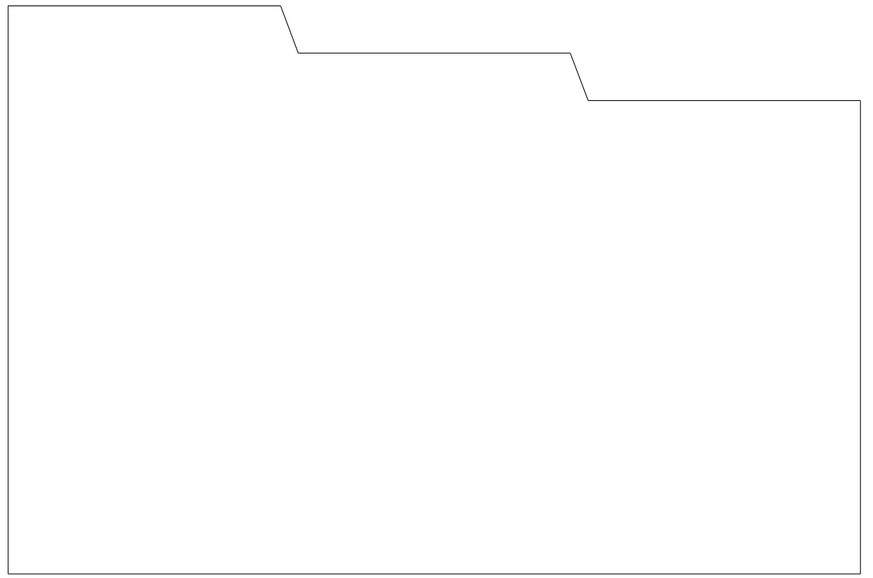
NORTHEAST WINGWALL ELEVATION

BILL OF MATERIAL

Item	Unit	Total
Epoxy Crack Injection	Foot	2

LEGEND

Epoxy Crack Injection



SOUTHEAST WINGWALL ELEVATION

MODEL: 038-0134 East Abutment Repair
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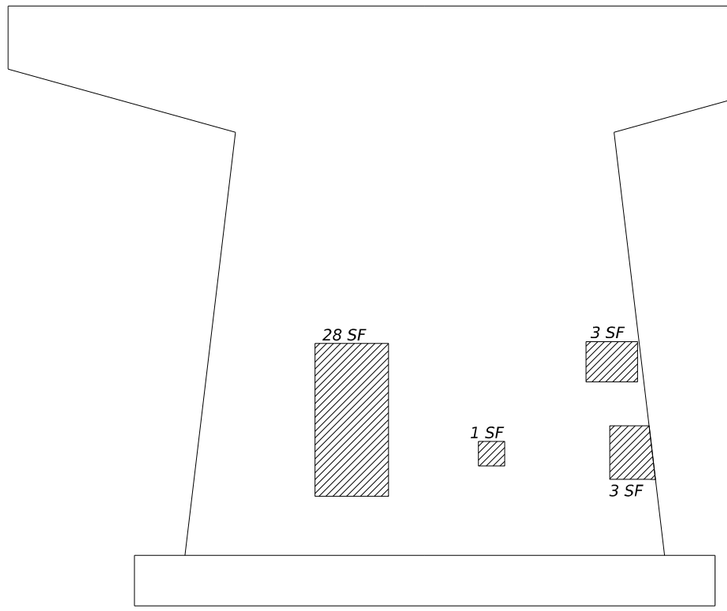
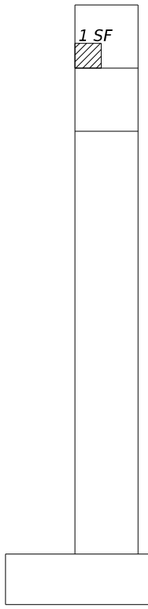
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 4 OF 13 SHEETS	

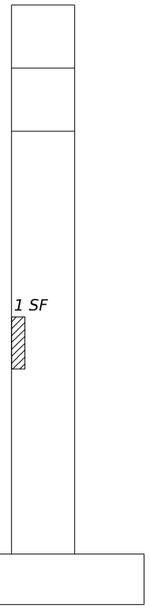
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	142
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



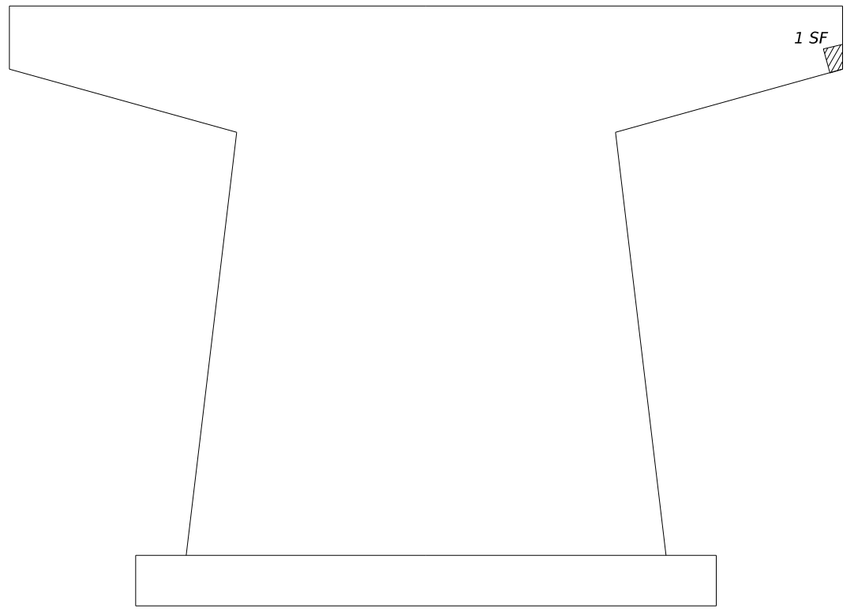
WEST FACE



SOUTH FACE



NORTH FACE



EAST FACE

NOTES:

1. *Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer at the time of construction.*

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	38

LEGEND

Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)

MODEL: 038-0134 Pier 1 Repair
FILE NAME: pw://hansonInc-pw.bentley.com:hanson-pw-01/Documents/23obs/23H0038_09/CAD/CADsheets/D366H458-cht-Bridge_038-0134.dgn

HANSON

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	DRAWN - KMP	REVISED -		
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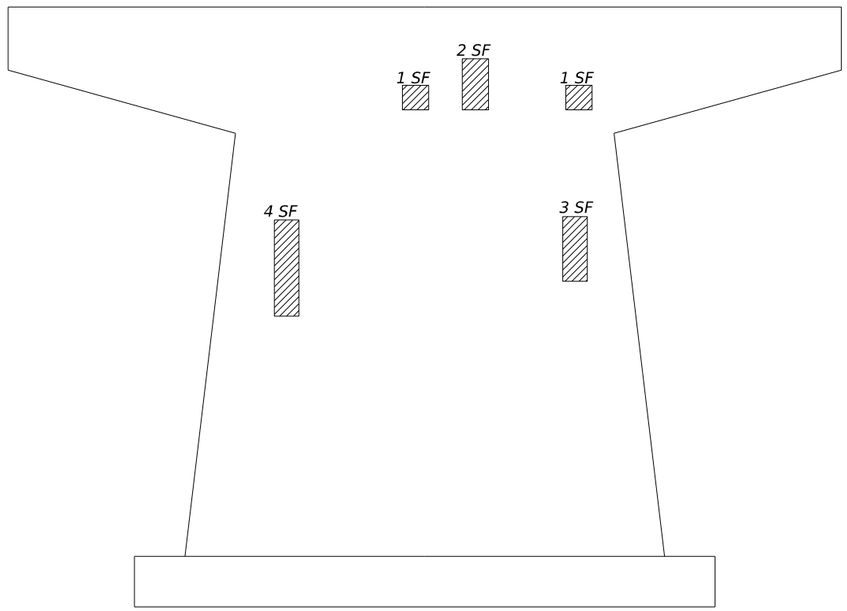
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 5 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	143
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



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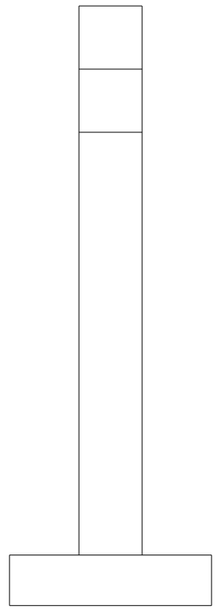
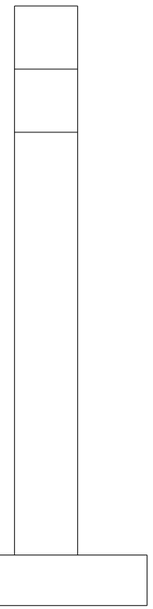


SOUTH FACE



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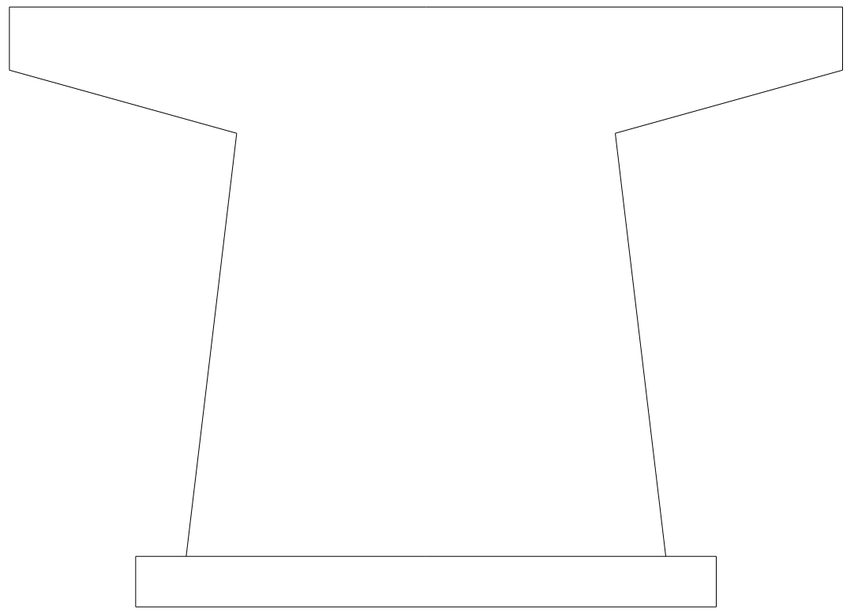


EAST FACE

NOTES:

1. *Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer at the time of construction.*

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	11

LEGEND

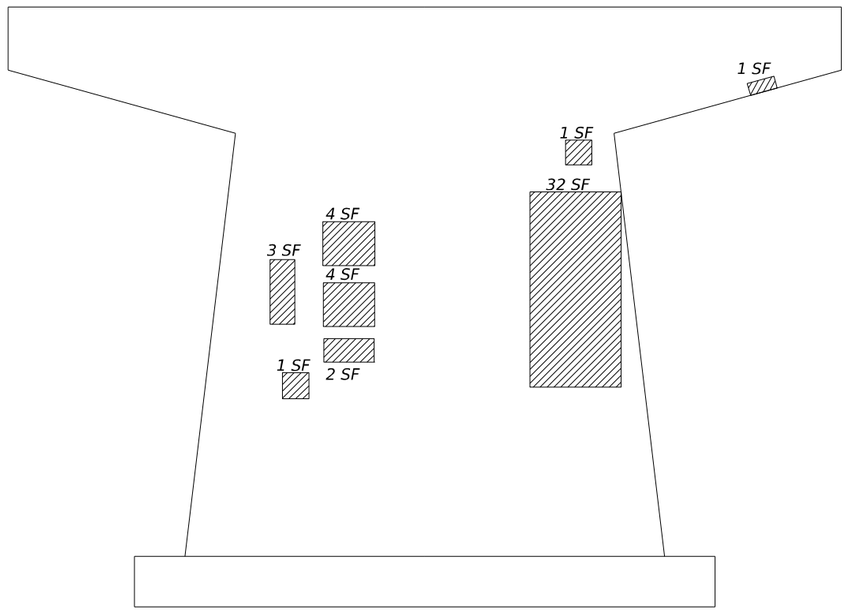
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)

MODEL: 038-0134 Pier 2 Repair
FILE NAME: pw://hansonInc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/0366H59-sht-Bridge_038-0134.dgn

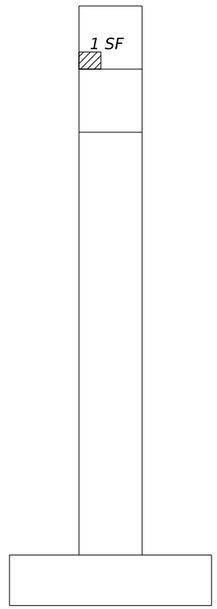
HANSON

USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS PIER 2 REPAIRS S.N. 038-0134
	DRAWN - KMP	REVISED -		
PLOT SCALE = 0:2.0000 '\' / in.	CHECKED - PMH	REVISED -		
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 6 OF 13 SHEETS

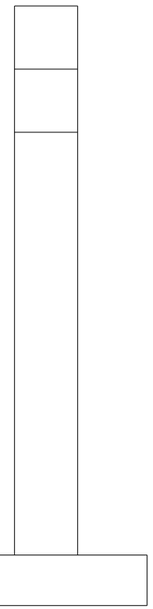
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	144
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



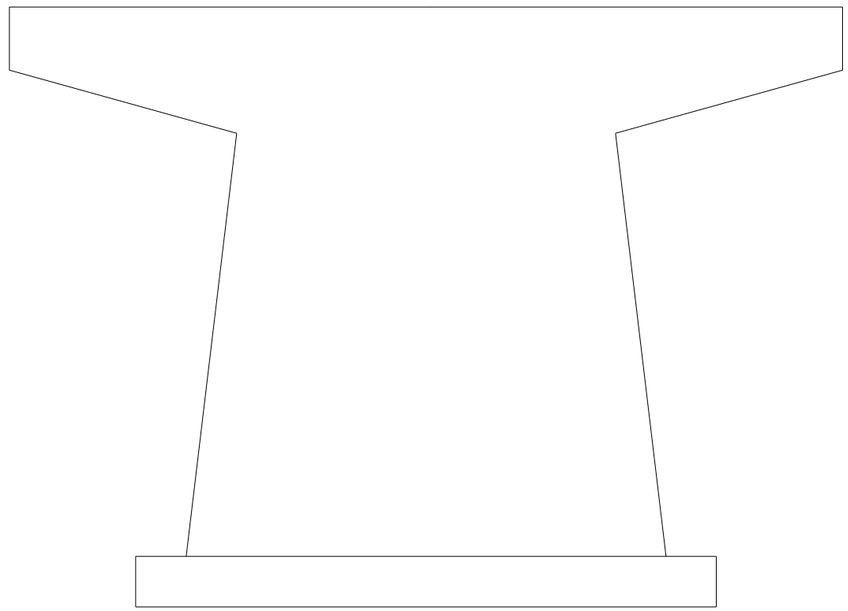
WEST FACE



SOUTH FACE



NORTH FACE



EAST FACE

NOTES:

1. *Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired and the type(s) of repairs to be used will be determined by the Engineer at the time of construction.*

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	49

LEGEND

Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)

MODEL: 038-0134 Pier 3 Repair
FILE NAME: pw://hansonlrc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CADs/CADSheets/D36H59-cht-Bridge_038-0134.dgn

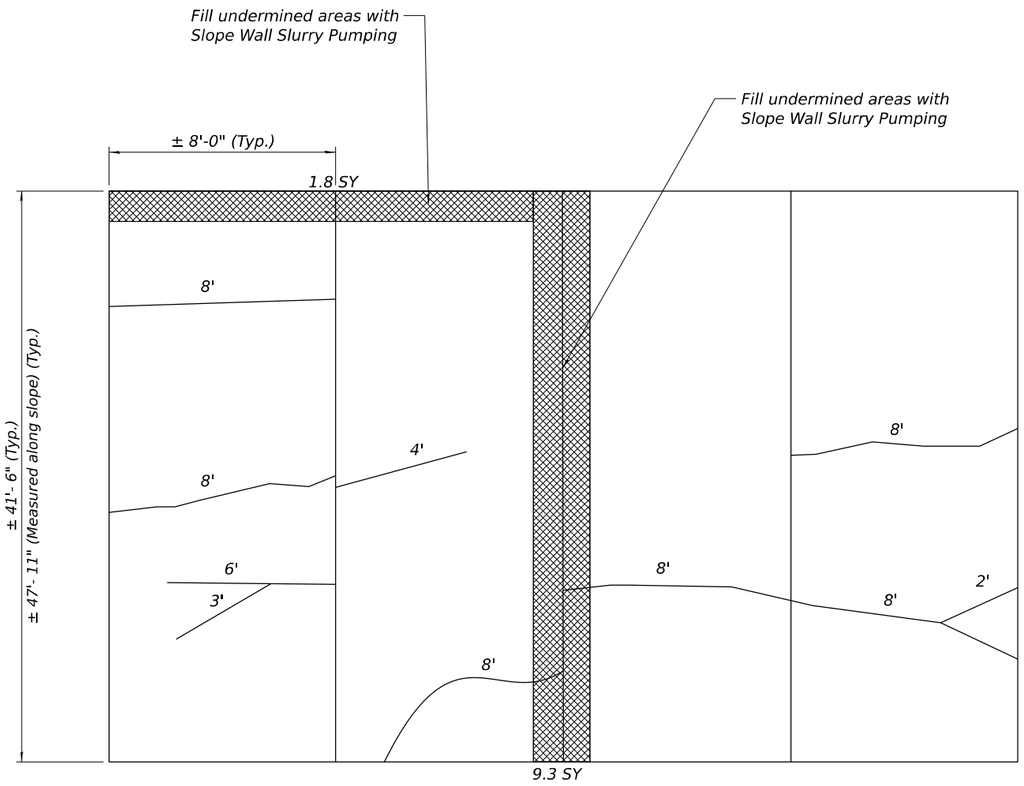
HANSON

USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS PIER 3 REPAIRS S.N. 038-0134
	DRAWN - KMP	REVISED -		
PLOT SCALE = 0:1.9999 ':' / in.	CHECKED - PMH	REVISED -		
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 7 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	145
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

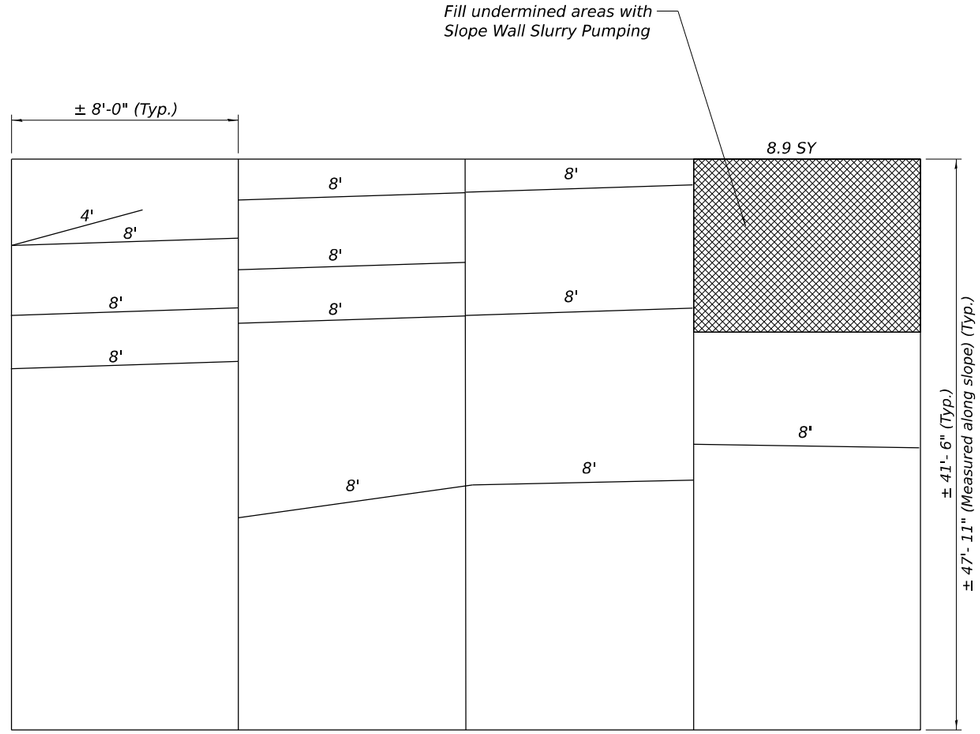
BILL OF MATERIAL

Item	Unit	Total
Slope Wall Crack Sealing	Foot	155
Slope Wall Repair	Sq. Yd.	20
Slope Wall Slurry Pumping	Cu. Yd.	23



WEST SLOPE WALL

N



EAST SLOPE WALL

N

NOTES:

1. Slope wall shall be reinforced with welded wire fabric 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs per 100 sq. ft.
2. Areas of slope wall repair are estimated based off the 2024 field inspection. The engineer shall confirm limits of repairs in field at time of construction.
3. Cost of all materials and labor required for Slope Wall Repairs are included with the cost for Slope Wall Repair measured in place in square yards.
4. Existing welded wire fabric shall extend 6" into the proposed Slope Wall Repair. The exposed 6" of welded wire fabric on either side shall be lapped with the proposed slope wall reinforcement.
5. Areas of slurry pumping are approximate. Actual locations and limits will be determined by the Engineer in the field.

LEGEND

Slope Wall Crack Sealing

Slope Wall Repair

MODEL: 038-0134 Slope Wall Repair Plan
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CADs/CADsheets/D36H59-sht-Bridge_038-0134.dgn

HANSON

USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS SLOPE WALL REPAIRS S.N. 038-0134	F.A.I. RTE. 57
	DRAWN - KMP	REVISED -			SECTION (38-9, 38-8, 38-7) RS, RA, BRR
PLOT SCALE = 0:1.9999 ':" / in.	CHECKED - PMH	REVISED -			COUNTY IROQUOIS
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 8 OF 13 SHEETS	TOTAL SHEETS 194
					SHEET NO. 146
					CONTRACT NO. 66H59
					ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

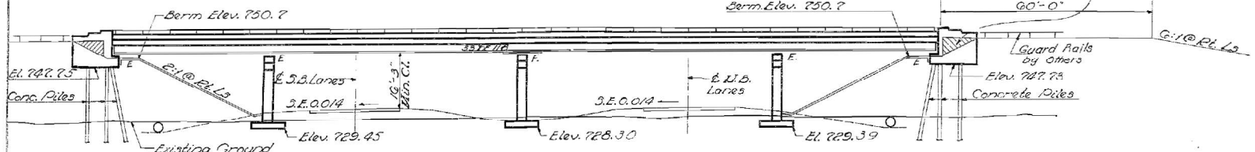
B.M.: +93 P.K. Spike in IDP 25" Pl.
Sta. 39+20 El. 736.56

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

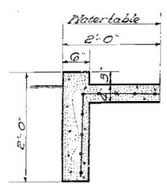
This portion of Embankment Backfill by Bridge Contractor after Abutment is in place.

	38-8HB	5.894 MILES	28	7

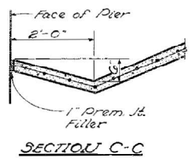
SHEET NO. 1
12 SHEETS



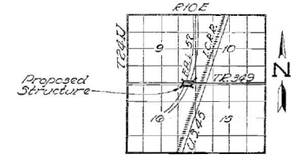
ELEVATION



SECTION A-A

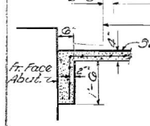


SECTION C-C



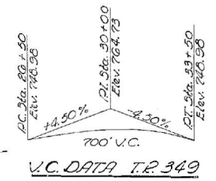
LOCATION SKETCH

PLAN



SECTION B-B

DESIGNED	Jean Mullin	EXAMINED	Dec. 9 1964
CHECKED	James Manning	PASSED	
DRAWN	jacobs	APPROVED	
CHECKED	JJW		



V.C. DATA T.R. 349

GENERAL NOTES

Coarse aggregate to be used in parapet handrails and end posts must be free of chert, flint, limonite, lignite and soft sandstone.

The concrete fillet slab shall be furnished in accordance with Article 503 of the Standard Specifications.

Slope Wall shall be reinforced with welded wire fabric 6"x6" mesh, weighing 58 # per 100 Sq. Ft..

All reinforcement bars shall be lapped 60 diameters unless otherwise shown.

Rivets ¾" ϕ Open Hearted unless otherwise noted.

Anchor Bolts shall be set before pouring diaphragms over supports.

The exposed surfaces of the expansion guard shall be given two shop coats of paint, the contact surfaces shall be given one coat of shop paint. Anchor studs shall not be painted.

Expansion guards are included in the quantity of Structural Steel. Est'd. Weight = 1460 lbs..

Except as otherwise provided, all structural steel shall receive one shop coat of paint and two field coats of paint. See Special Provisions for paint.

The Contractor shall drive 1 Conc. Test Pile at the East Abut as directed by the Engineer before ordering the remainder of piles.

Concrete piles at abutments shall be driven in holes pre-cored through the embankment in accordance with Article 512.06 of the Standard Specifications.

All Structural Steel shall be A-36 Steel.

Permanent forms will not be permitted in forming the Concrete Floor.

Excavation for portions of structures in the embankment shall not be classified.

FIELD WELDING OF CONNECTION ACCESSORIES TO THE BOTTOM FLANGES OR FOR A DISTANCE OF ½ OF THE SPAN EACH WAY FROM FIELD SPLICES ON THE TOP FLANGES OF BEAMS OR GIRDERS WILL NOT BE PERMITTED. FIELD WELDING IN OTHER AREAS WILL BE PERMITTED ONLY WHEN APPROVED BY THE ENGINEER.

STATION 1442+32.97
BUILT 19G BY
STATE OF ILLINOIS
F.A.I. RT. 57 - SEC. 38-8HB
F.A. PROJ. I-57-6(91)
LOADING H515

NAME PLATE
See Std. 2113.1

TOTAL BILL OF MATERIAL

Item	Unit	Super.	Sub.	Total
Class A Excavation for Structures	Cu.Yds.		130	130
Class X Concrete	Cu.Yds.	220.1	219.6	439.7
Structural Steel	Lbs.	174,150		174,150
Aluminum Handrail	Lin. Ft.	476		476
Reinforcement Bars	Lbs.	76,110	77,220	153,330
Concrete Piles	Lin. Ft.		453	453
Test Pile (Concrete)	Each		1	1
Name Plates	Each		2	2
Slope Wall	Sq. Yds.		390	390
* Protective Coat	Sq. Yds.	874		874

* Includes application on exposed inside vertical face, top and exposed end of abutment wings.

CURVE DATA F.A.I. 57

P.I. Sta. 1433+37.95
Δ = 36°-52'-16" Rt.
D = 00°-30'-00"
I = 4043.92'
L = 7779.26'
R = 11459.16'
T = 3917.45'
3.E. 0.014 ft.
3.E. attained
Sta. 1391+60.53 to Sta. 1393+60.53
Full 3.E. (Crown Removed)
Sta. 1393+60.53 to Sta. 1420+01.79
3.E. Removed
Sta. 1420+01.79 to Sta. 1472+01.79

DESIGN STRESSES

f_c = 1400 p.s.i. (Super. & Sub.)
f_s = 20,000 p.s.i. (Reinf.)
f_s = 20,000 p.s.i. (Struct.)
V_c = 75 p.s.i. (Pldgs.)
n = 10
4 Deflection = L/1000
LOADING H515-44

PROJ. I-57-6(91)26)
GENERAL PLAN & ELEVATION
T.R. 349 OVER F.A.I. RT. 57
F.A.I. RT. 57 - SEC. 38-8HB
IROQUOIS COUNTY
STA. 1442+32.97

Rev. 12/18/67 SFN.

MODEL: 038-0134 Existing GPE Sheet
FILE NAME: pw://hansonInc-gw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/03666459-sht-Bridge_038-0134.dgn

HANSON

USER NAME = povll02298	DESIGNED - KMP	REVISED -	
	DRAWN - KMP	REVISED -	
PLOT SCALE = 0:1.9999 '\' / In.	CHECKED - PMH	REVISED -	
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
EXISTING PLANS S.N. 038-0134
SHEET 9 OF 13 SHEETS

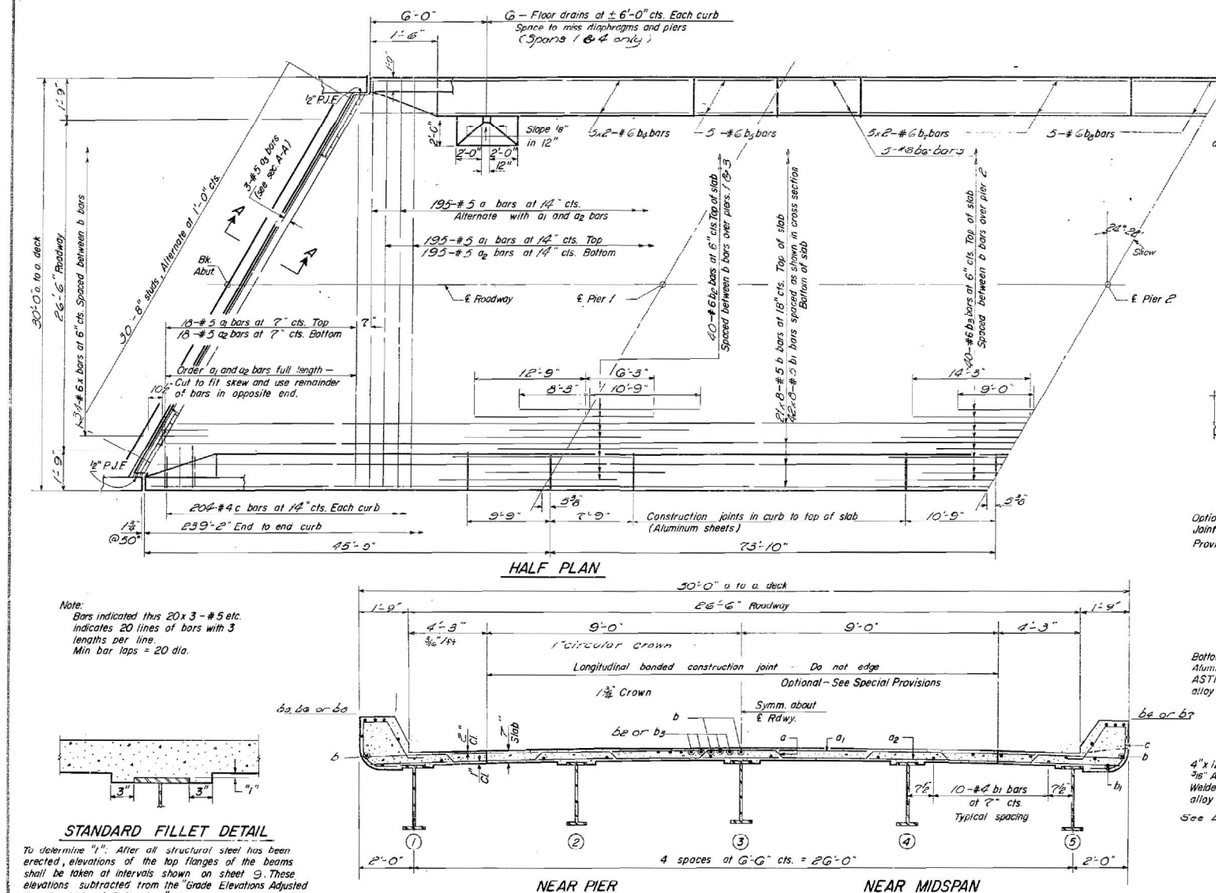
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	147
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U.S.I. F.A.I. 57	38-EHB	IROQUOIS	28	8
PROJECT NO.	CONTRACT	FED. AID PROJECT		

SHEET NO. 8
12 SHEETS



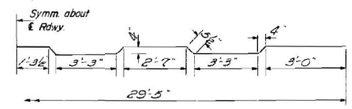
HALF PLAN

Note:
Bars indicated thus 20 x 3 - #5 etc. indicates 20 lines of bars with 3 lengths per line.
Min bar laps = 20 dia.

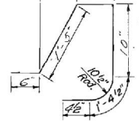
CROSS SECTION

STANDARD FILLET DETAIL

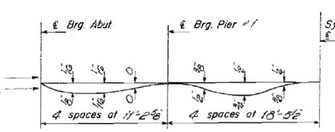
To determine "f". After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 9. These elevations subtracted from the "Grade Elevations Adjusted for Dead Load Deflections" shown on sheet 9, minus slab thickness, equals the fillet heights "f" above top of beams.



BAR a

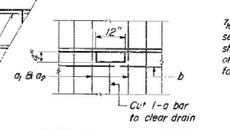


BAR c

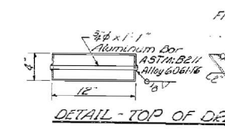


DEAD LOAD DEFLECTION DIAGRAM

(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 sheet 9.

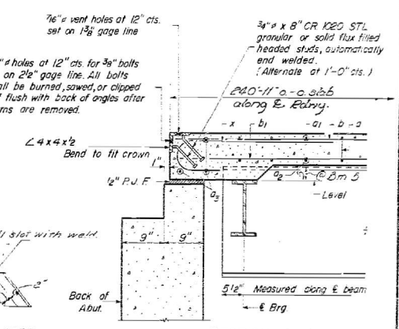


TYP. DETAIL AT DRAIN



DETAIL - TOP OF DRAIN

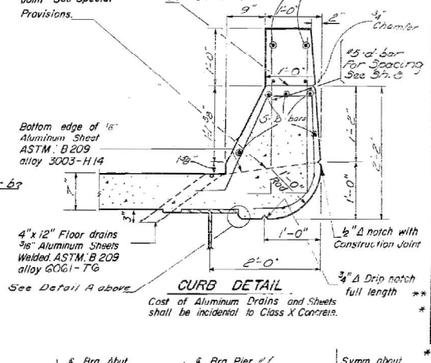
DETAIL A



SECTION A-A

BAR x

Optional Construction Joint - See Special Provisions.



CURB DETAIL

Cost of Aluminum Drains and Sheets shall be incidental to Class X Concrete.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	193	#5	30'-3"	
a1	213	#5	28'-8"	
a2	213	#5	25'-11"	
a3	6	#5	22'-3"	
b	168	#5	31'-3"	
b1	336	#4	31'-10"	
b2	30	#6	19'-0"	
b3	30	#6	23'-3"	
b4	40	#6	16'-6"	
b5	20	#5	9'-6"	
b6	20	#6	7'-6"	
b7	40	#5	28'-3"	
b8	20	#5	10'-9"	
c	408	#4	5'-2"	
d*	1088	#5	2'-9"	
x	69	#6	3'-2"	
Reinforcement Bars			Lbs.	46110
* Structural Steel			Lbs.	17315
Class X Concrete			Cu. Yd.	320.1

* Weight of bearing assemblies with lead plates, and anchor bolts are included as structural steel. Est. Wt. = 6,930 lbs..
** Includes parapet reinforcement See Sheet 8

DESIGNED	Jerry Madsen	Dec. 3 1964	
CHECKED	James J. Manning	EXAMINED	ENGINEER OF BRIDGES AND TRAFFIC STRUCTURES
P.G. Barnett	Jacobs	PASSED	ENGINEER OF DESIGN
DRAWN	D.L. Beemer	APPROVED	CHIEF HIGHWAY ENGINEER
CHECKED	J.J.M.		

I-5-L (>15°) 10-10-62 Rev. 11-1-63 Rev. 5-1-64
Rev. 12/15/67 S.F.M.

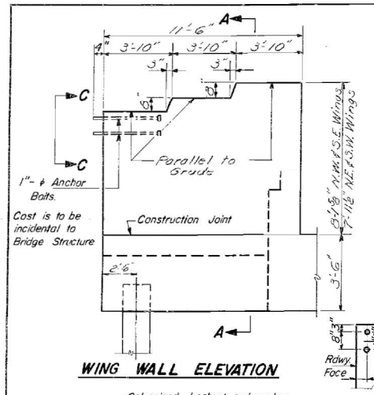
SUPERSTRUCTURE
F.A.I. RT. 57 - SEC. 38-EHB
IROQUOIS COUNTY
STA. 1442 + 32.97

FOR INFORMATION ONLY

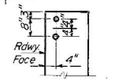
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
F.A.I. 57	38-8HB	IROQUOIS	28	11	1/2 SHEETS

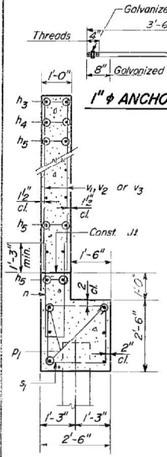
WING WALL ELEVATION



VIEW C-C

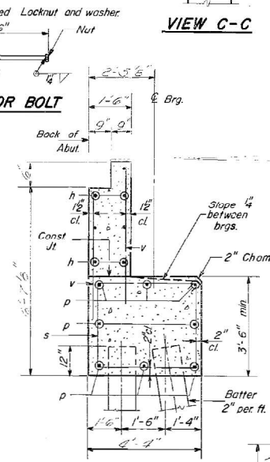


1" ϕ ANCHOR BOLT



SEC. A-A

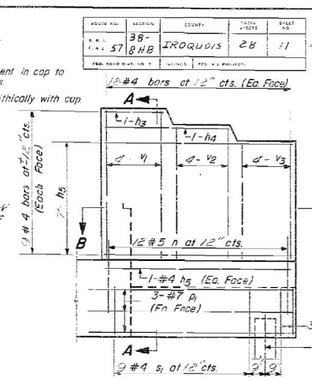
SEC. THRU ABUT.



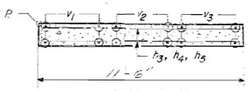
ELEVATION

WING WALL ELEVATION

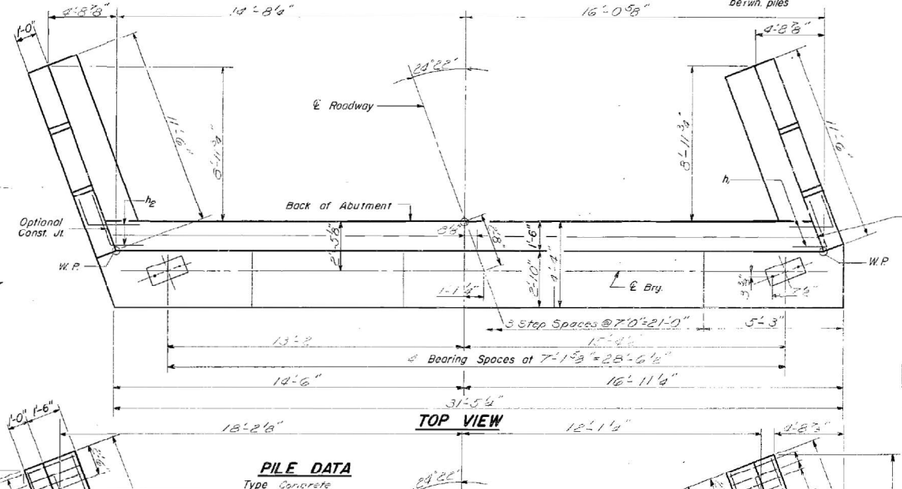
Reinforcement



SEC. B-B

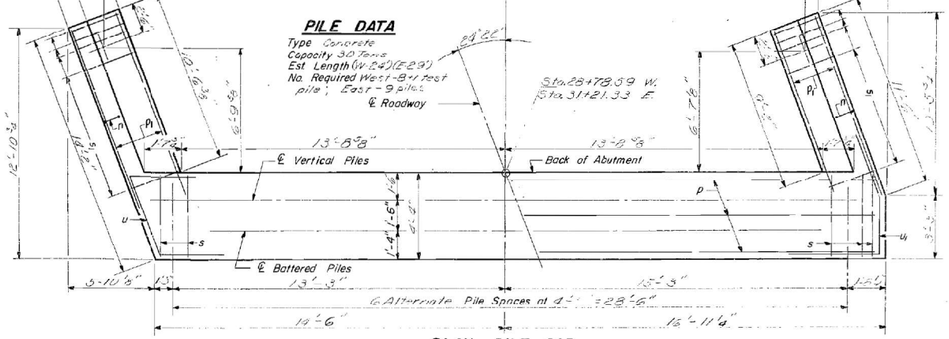


TOP VIEW



PILE DATA

Type Concrete
Capacity 80 Tons
Est. Length (W. Ea) (E. 29)
No. Required West-8 + 1 test pile; East-9 piles
℄ Roadway



PLAN — PILE CAP

BAR s & s1



BAR u1

BAR n

BAR u

BAR h2

BAR h1

TWO ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	38	#5	12'-0"	
h1	16	#5	9'-2"	
h2	16	#5	8'-10"	
h3	2	#4	5'-6"	
h4	2	#4	7'-5"	
h5	32	#4	11'-6"	
n	48	#5	7'-9"	
p	32	#7	7'-3"	
p1	22	#7	11'-3"	
s	36	#4	1'-5"	
s1	48	#4	5'-6"	
u	8	#6	10'-3"	
u1	8	#6	8'-6"	
v	184	#4	6'-9"	
v1	32	#4	7'-3"	
v2	64	#4	7'-8"	
v3	32	#4	6'-6"	
Class X Concrete			Cu. Yds.	74
Reinforcement Bars			Lbs.	5,842
Concrete Piles			Lin. Ft.	550
Test Piles Concrete			EA	1

DESIGNED	GFM
CHECKED	
DRAWN	SE Lindsey J. SCHNELLER
CHECKED	

EXAMINED 19
PASSED — ENGINEER OF BRIDGES AND STRUCTURAL EQUIPMENT
APPROVED — ENGINEER OF DESIGN
CHIEF HIGHWAY ENGINEER

A-9-L (15°-34°) 2-1-66
Rev. 12/18/67 SFM

APPROVED
FAI RTE 57 - SEC 38-8HB
IROQUOIS COUNTY
STA. 1442+32.00

MODEL: 038-0134 Existing Abutment Sheet
FILE NAME: pw://hansonlnc-pw.bentley.com:hanson-pw-01:/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Bridge_038-0134.dgn

HANSON	USER NAME = povill02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS EXISTING PLANS S.N. 038-0134
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:1.9999 '\' / In.	CHECKED - PMH	REVISED -		SHEET 11 OF 13 SHEETS
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	149
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

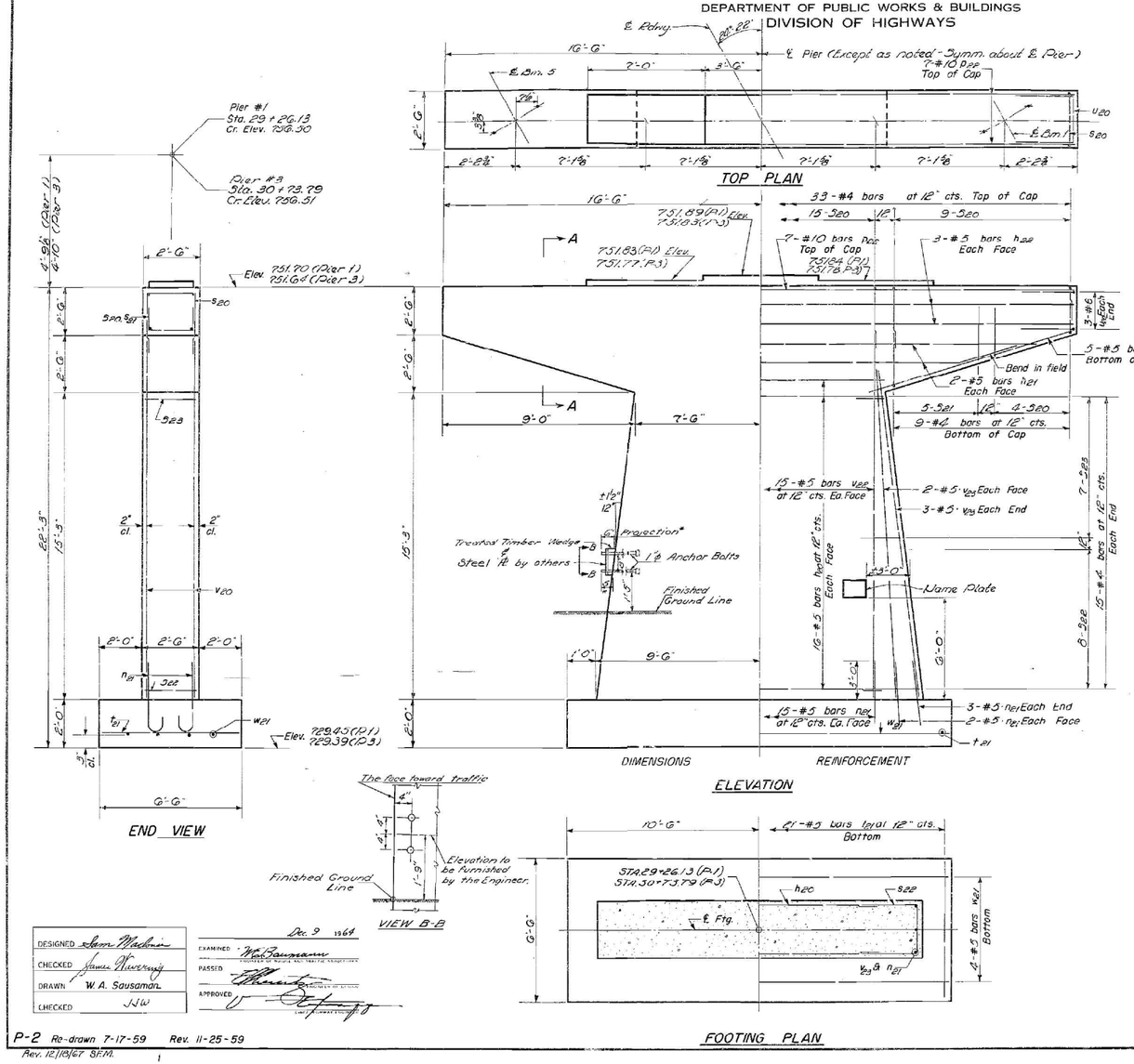
FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	38-2HB	IROQUOIS	28	13

SHEET NO. 7
12 SHEETS

TOP PLAN

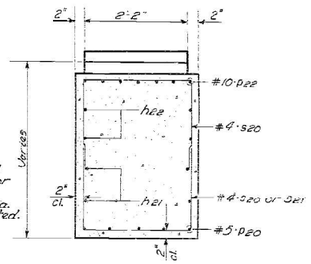


ELEVATION

END VIEW

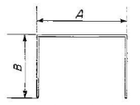
VIEW B-B

FOOTING PLAN



SECTION A-A

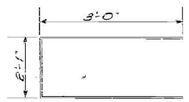
Note: All edges shall have standard ¾" chamfers except footings.
Space reinforcement in cap to miss anchor bolts.
Min. bar laps = 20 dia. unless otherwise noted.
Pour steps monolithically with cap.



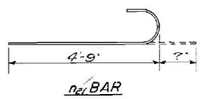
A & B DIMENSIONS

Bar	A	B
S20	2'-6"	2'-2"
S21	2'-2"	3'-4"
S22	2'-2"	3'-0"
S23	2'-2"	2'-0"

S BARS



U20 BAR



n21 BAR

PIERS 1 & 3
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h22	64	#5	14'-0"	—
h21	10	#5	14'-0"	—
h22	24	#5	17'-0"	—
n21	88	#5	5'-4"	⌐
D20	20	#5	9'-9"	—
D22	14	#10	32'-9"	—
S20	82	#4	6'-6"	⌐
S21	20	#4	8'-10"	⌐
S22	32	#4	8'-2"	⌐
S23	28	#4	6'-2"	⌐
t21	42	#5	6'-3"	—
U20	12	#6	8'-1"	⌐
V22	60	#5	18'-6"	—
V23	28	#5	15'-0"	—
W21	8	#5	20'-3"	—
Class X Concrete			Cu.Yds.	93.2
Reinforcement Bars			Lbs.	7260
Name Plates			Ea.	2

DESIGNED	Sam Madonia	EXAMINED	W.E. Bausman
CHECKED	James Mowrey	PASSED	
DRAWN	W. A. Sausaman	APPROVED	
CHECKED	JW		

Dec. 9 1969

P-2 Re-drawn 7-17-59 Rev. 11-25-59
Rev. 12/16/67 S.F.M.

PIERS 1 & 3
F.A.I. RT. 57 - SEC. 38-8,HB
IROQUOIS COUNTY
STR. 14 & 23 - 32 & 27

MODEL: 038-0134 Existing Pier 1-3 Sheet
FILE NAME: pw://hansonInc-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADsheets/03666459-sht-Bridge_038-0134.dgn

HANSON	USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS EXISTING PLANS S.N. 038-0134
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:1.9999 '\" / In.	CHECKED - PMH	REVISED -		
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 12 OF 13 SHEETS

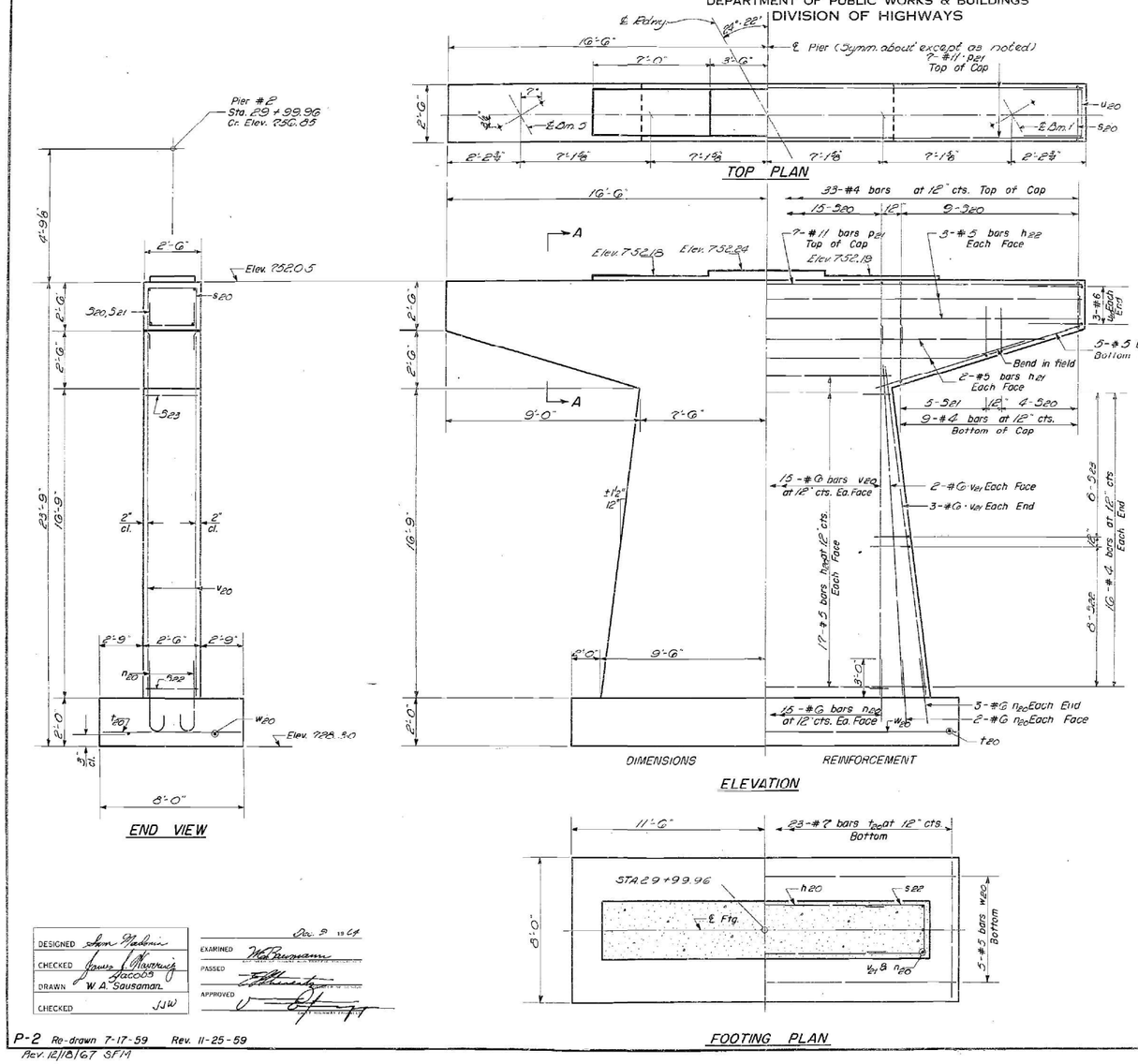
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	150
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY

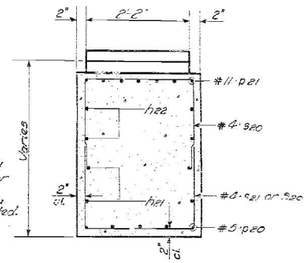
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	PLANS SHEETS	SHEET NO.
F.A.I. 57	38-8HB	IROQUOIS	28	12
FED. ROAD DIST. NO. 9	SCALE	FED. AID PROJECT		

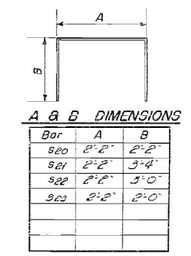
SHEET NO 6
12 SHEETS



Note: All edges shall have standard ¾" chamfers except footings. Space reinforcement in cap to miss anchor bolts. Use bar dyna-60 with unless otherwise noted. Pour steps monolithically with cap.



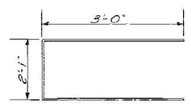
SECTION A-A



A & B DIMENSIONS

Bar	A	B
s20	2'-2"	2'-2"
s21	2'-2"	3'-4"
s22	2'-2"	5'-0"
s23	2'-2"	2'-0"

s BARS



u20 BAR



n20 BAR

PIER 2
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h20	34	#5	14'-9"	—
h21	6	#5	14'-0"	—
h22	12	#5	17'-0"	—
n20	60	#6	5'-5"	⊃
p20	10	#5	9'-9"	—
p21	7	#11	32'-9"	—
s20	41	#4	6'-6"	□
s21	10	#4	8'-10"	⊓
s22	16	#4	8'-2"	⊓
s23	16	#4	6'-6"	□
t20	23	#7	7'-9"	—
u20	6	#6	8'-1"	□
v20	30	#6	20'-0"	—
v21	14	#6	16'-0"	—
w20	5	#5	22'-9"	—
Class X Concrete			Cu.Yds.	33.5
Reinforcement Bars			Lbs.	4,910

DESIGNED	Hans Nielsen		
CHECKED	James J. Mayernik Jacobs	EXAMINED	Dec. 9 1959
DRAWN	W. A. Sausaman	PASSED	
CHECKED	JJW	APPROVED	

FOOTING PLAN

P-2 Re-drawn 7-17-59 Rev. 11-25-59
Rev. 12/18/67 SFM

PIER 2
F.A.I. RT. 57 ~ SEC. 38-8HB
IROQUOIS COUNTY
STA. 1242+32.97

MODEL: 038-0134 Existing Pier 2 Sheet
FILE NAME: pw://hansonInc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CADd/CADSheets/D36H59-sht-Bridge_038-0134.dgn

HANSON	USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS EXISTING PLANS S.N. 038-0134
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:1.9999 ':" / In.	CHECKED - PMH	REVISED -		
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 13 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	151
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

Existing Structure: The existing three-span continuous steel multi-beam structures were constructed in 2012 as F.A.I. Rte. 57, Section (38-8) BR & BR-1. SN 038-0222 carries I-57 SB over Spring Creek. SN 038-0223 carried I-57 NB over Spring Creek. The integral abutments and solid wall encased pile bent piers are supported by steel H-piles. The deck is supported by continuous W27x146 composite beams. Each bridge is 116'-0" back-to-back of abutments and 43'-2" wide out-to-out of deck. Construction will be completed utilizing stage construction.

No Salvage.

TOTAL BILL OF MATERIAL

Item	Unit	Total
Epoxy Crack Injection	Foot	174
Debris Removal	L. Sum	0.5

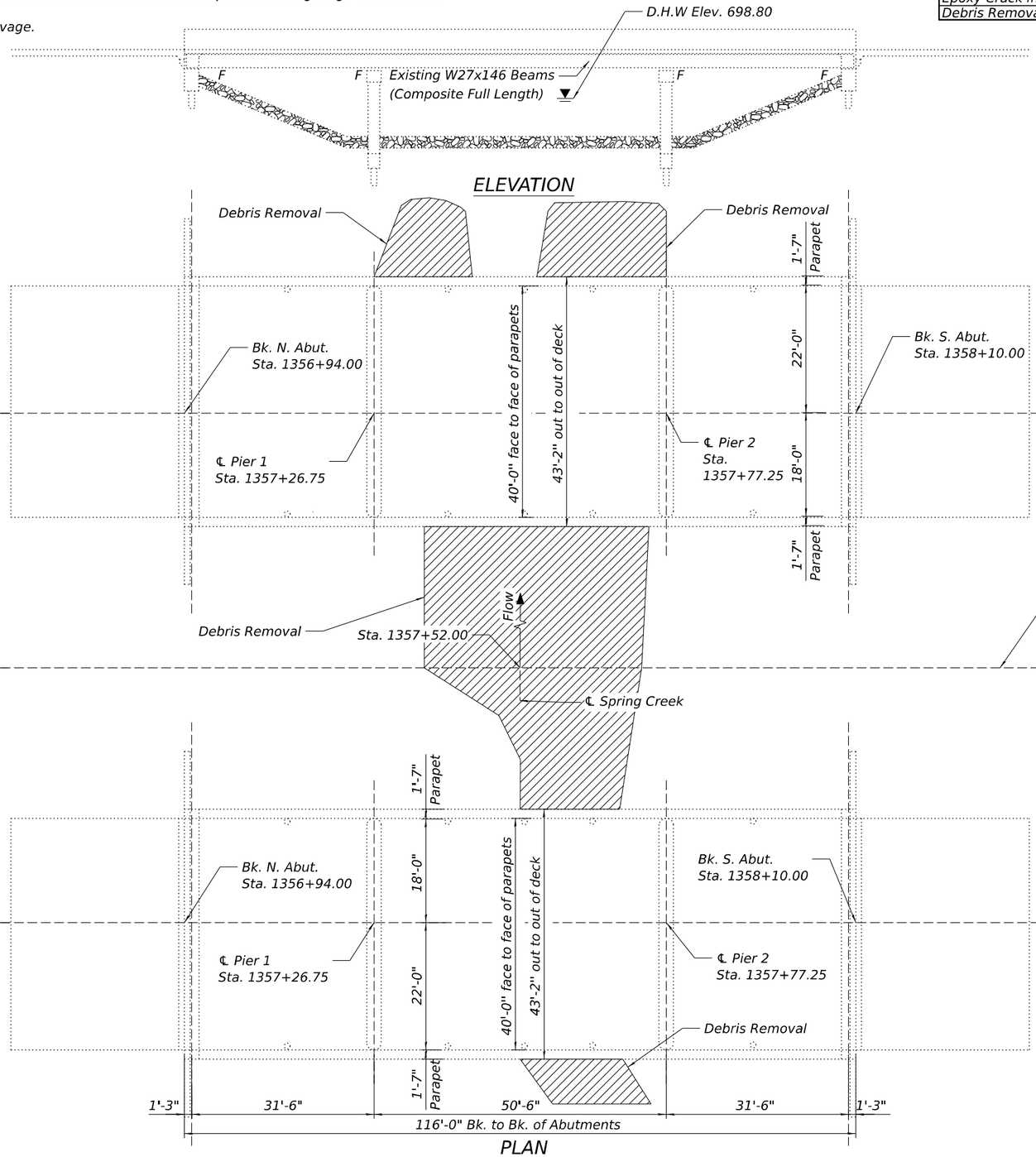
GENERAL NOTES

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.

Debris removal shall not disturb or exceedingly remove or disturb the existing riprap in the channel.

SCOPE OF WORK

1. *Apply Epoxy Crack Injection to top of approach slabs as indicated in the plans.*
2. *Clear channel debris.*



DESIGN SPECIFICATIONS

2010 AASHTO LRFD Bridge Design Specifications, 5th Edition

LOADING HL-93

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

INDEX OF SHEETS

1. General Plan and Elevation S.N. 038-0222 & 038-0223
2. Approach Slab Repair Plan S.N. 038-0222 & 038-0223
3-5. Existing Plans S.N. 038-0222 & 038-0223

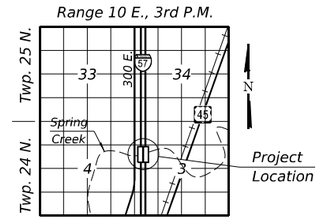
LICENSED STRUCTURAL ENGINEER
PATRICK M. HANNEMANN
081-007568
STATE OF ILLINOIS

SIGNATURE

05/09/2025
DATE

LIC. EXP. DATE *11/30/2026*

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO LRFD Specifications.



LOCATION SKETCH

GENERAL PLAN & ELEVATION
F.A.I. RTE. 57 (I-57) OVER SPRING CREEK
SECTION (38-9,38-8,38-7)RS,RA,BRR
IROQUOIS COUNTY
STATION 1357+52.00
STRUCTURE NO. 038-0222 & 038-0223

HANSON

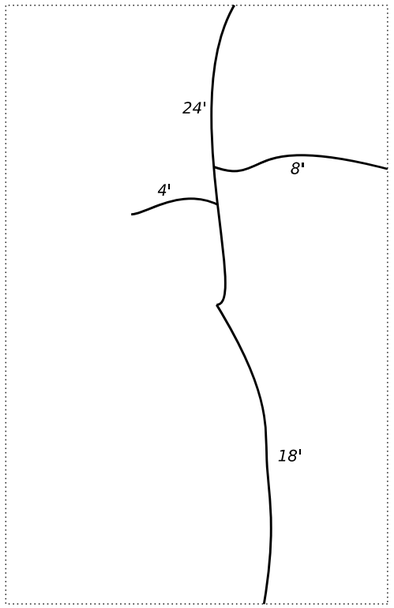
USER NAME = povill02298	DESIGNED - KMP	REVISED -	
	DRAWN - KMP	REVISED -	
PLOT SCALE = 0:2.0000 '\' / In.	CHECKED - PMH	REVISED -	
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

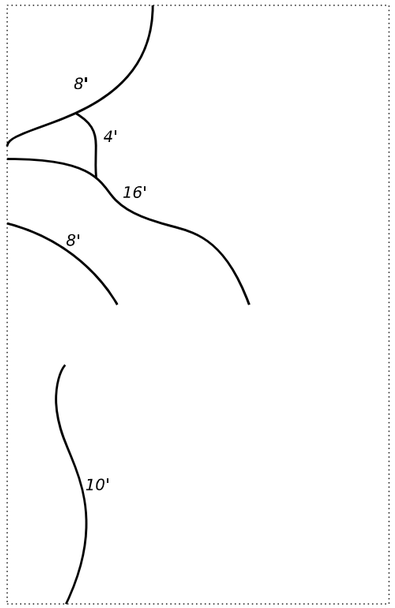
STRUCTURE PLANS
GENERAL PLAN AND ELEVATION S.N. 038-0222 & 038-0223
SHEET 1 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	152
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

MODEL: 038-0222_0223 GPE
FILE NAME: pw://hansonlm-pw.bentley.com:hanson-pw-01/Documents/23\obs\23H0038_09\CAD\CADsheets\D366H59-IntkBridge_038-0222_038-0223.dgn

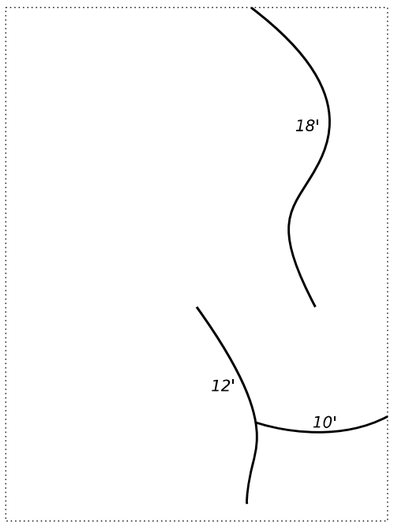


NB BRIDGE, N. APPROACH

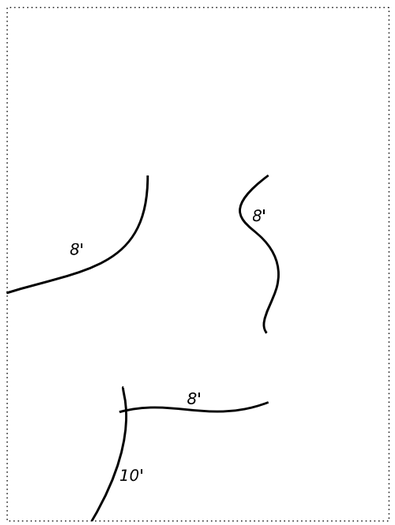


NB BRIDGE, S. APPROACH

N



SB BRIDGE, N. APPROACH



SB BRIDGE, S. APPROACH

NOTES:

1. *Quantities and limits shown are estimated for bidding purposed only. The actual areas to be repaired, and the type(s) of repairs to be used, shall be determined by the Engineer in the field at the time of construction.*

BILL OF MATERIAL

Item	Unit	Total
Epoxy Crack Injection	Foot	174

~ Epoxy Crack Injection

APPROACH SLAB REPAIR DETAILS

MODEL: 038-0222_0223 Approach Repair Plan
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Bridge_038-0222_038-0223.dgn

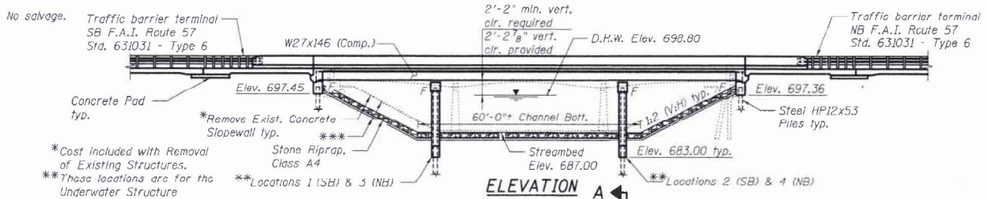
HANSON	USER NAME = povli02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS APPROACH SLAB REPAIR PLAN S.N. 038-0222 & 038-0223
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:2.0000 ':" / in.	CHECKED - PMH	REVISED -		
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 2 OF 5 SHEETS

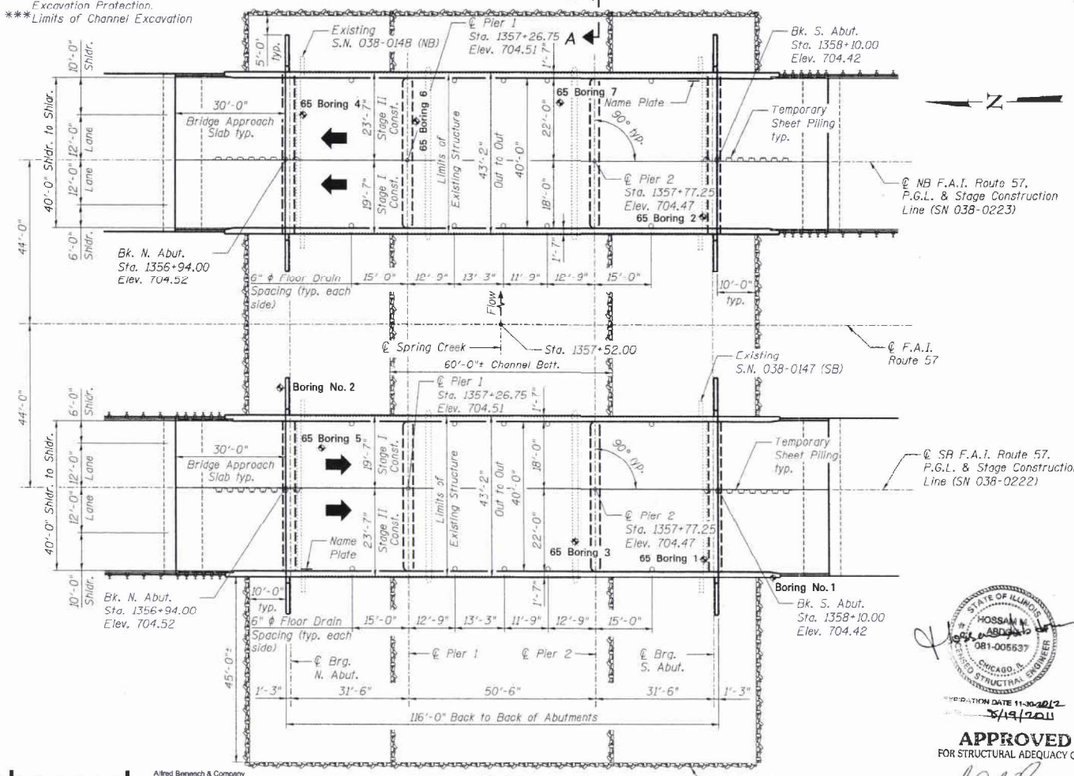
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	153
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		

FOR INFORMATION ONLY

Bench Mark: BM#10 Cut "□" in top of northeast wingwall of Existing Structure No. 038-0148 (I-57 NB), Sta. 1357+01.48, 67.86' LT., Elev. 703.901

Existing Structures: S.N. 038-0147 SB and 038-0148 NB were originally constructed in 1968 as F.A.I. Route 57, Section 38-8B. The existing dual structures consist of 3-span continuous haunched concrete tee beams supported by open abutments and tapered solid wall concrete piers on spread footings. Each structure is 105' 0" back-to-back of abutments and 42'-6" wide out-to-out of the deck (40'-0" clear width between the bridge rails). The structures are to be removed and replaced. Traffic to be maintained using stage construction.





PLAN

WATERWAY INFORMATION

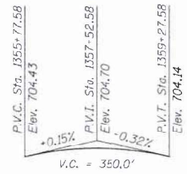
Drainage Area = 32.3 sq. mi. Low Grade Elev. 703.14 @ Sta. 1367+09

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	2915	505	812	698.0	1.9	1.3	699.9	699.3
Design	50	4600	572	894	698.8	3.8	2.4	702.6	701.2
Base	100	5334	599	927	699.2	4.0	2.7	703.1	701.8
Overtopping	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Max. Calc.	500	7096	656	1003	699.9	4.4	2.9	704.3	702.8

10 Year Velocity Through Existing Structure = 5.0 fps
10 Year Velocity Through Proposed Structure = 4.4 fps

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	N. Abut.	Pier 1	Pier 2	S. Abut.
	697.37	684.80	684.80	697.28



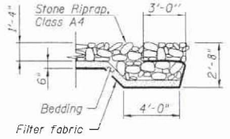
PROFILE GRADE
(along ℄ I-57 SB & NB)

STATION 1357+52
BUILT 20 BY
STATE OF ILLINOIS
F.A.I. RT. 57 SEC. (38-8) BR & BR-1
LOADING HL-93
STR. NO. 038-0222

SB NAME PLATE
See Std. 515001

STATION 1357+52
BUILT 20 BY
STATE OF ILLINOIS
F.A.I. RT. 57 SEC. (38-8) BR & BR-1
LOADING HL-93
STR. NO. 038-0223

NB NAME PLATE
See Std. 515001



SECTION A-A
(Typical along outside perimeter)

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

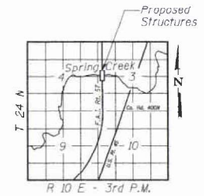
DESIGN SPECIFICATIONS
2010 AASHTO LRFD Bridge Design Specifications, 5th Edition

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (AASHTO M270 Grade 50W)

SEISMIC DATA
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.083g
Design Spectral Acceleration at 0.2 sec. (S_{DS}) = 0.143g
Soil Site Class = C

STATE OF ILLINOIS
HOSSAM ABDELRAZIG
081-005537
CHICAGO, IL
REGISTERED STRUCTURAL ENGINEER
EXPIRATION DATE 11-30-2012
5/19/2011

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
ENGINEER OF BRIDGES AND STRUCTURES



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
I-57 OVER SPRING CREEK
F.A.I. ROUTE 57 - SEC. (38-8) BR & BR-1
IROQUOIS COUNTY
STATION 1357+52.00
STRUCTURE NO. 038-0222/0223

benesch
engineers - scientists - planners
Allfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 3938.09

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 51 OF 541 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-8) BR & BR-1	IROQUOIS	73	16
		CONTRACT NO. 66948		
	ILLINOIS FED. AID PROJECT			

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HANSON

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PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -

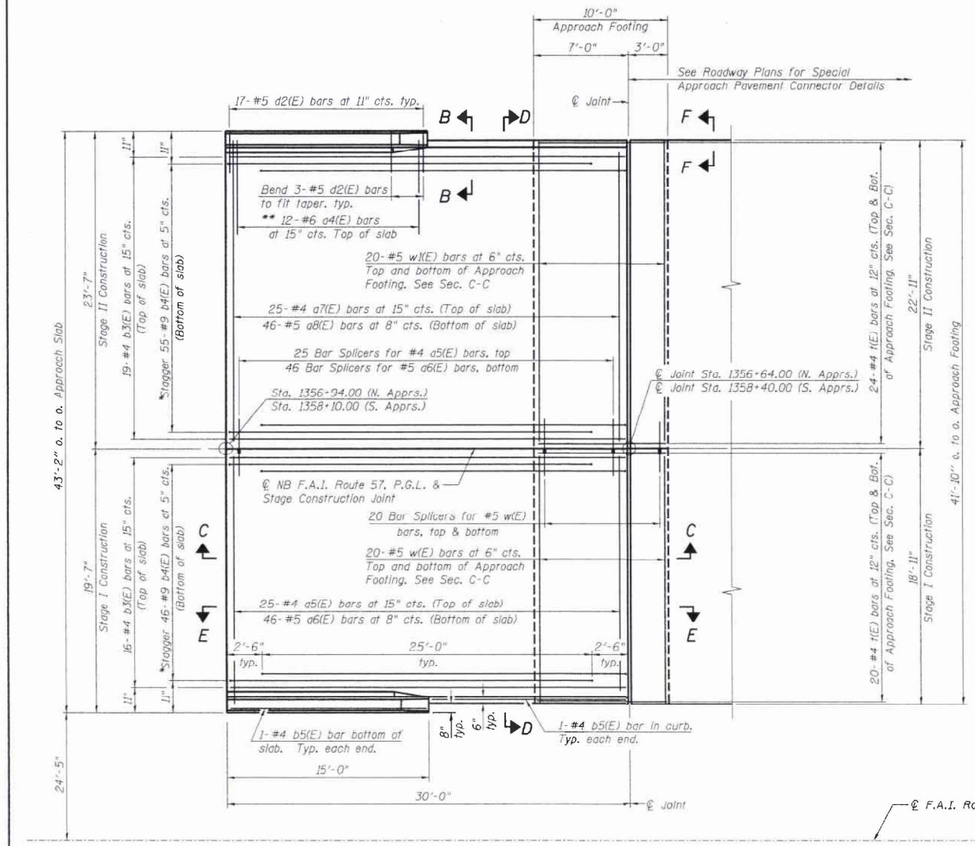
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
EXISTING PLANS S.N. 038-0222 & 038-0223

SHEET 3 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	154
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

FOR INFORMATION ONLY

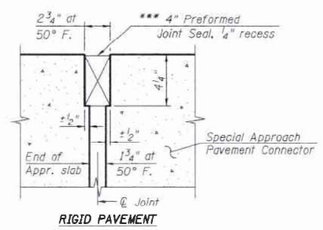


PLAN

(NB South Approach shown, NB North Approach similar)
(SB South & North Approaches symmetrical about ℄ F.A.I. Route 57)

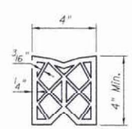
* Tilt #9 b4(E) bars as required to maintain clearance.
** Space between a5(E) or a7(E) bars, typ. ea. parapet.

*** Cost included with Concrete Superstructure.

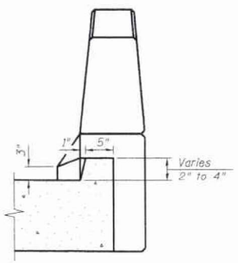


RIGID PAVEMENT

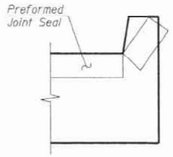
DETAIL A



PREFORMED JOINT SEAL



VIEW B-B



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

NOTE:

See sheet S16 of S41 for Sections C-C & D-D and View E-E.
a5(E), a6(E), a7(E) and a8(E) bar spacings measured along ℄ Rdwy.

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Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 3938.09

FILE NAME = 038l222&0223_66948_Ø15_br-appr-det1.dgn	USER NAME = rgrisen	DESIGNED - JLS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE APPROACH SLAB DETAILS (1 OF 2) STRUCTURE NO. 038-0222&0223
		CHECKED - AAY	REVISED -		
	PLOT SCALE =	DRAWN - RMG	REVISED -		
	PLOT DATE = 08\18\2011	CHECKED - KJN	REVISED -		SHEET NO. S15 OF S41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-8) BR & BR-1	IROQUOIS	73	30
		CONTRACT NO. 66948		
	ILLINOIS FED. AID PROJECT			

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HANSON

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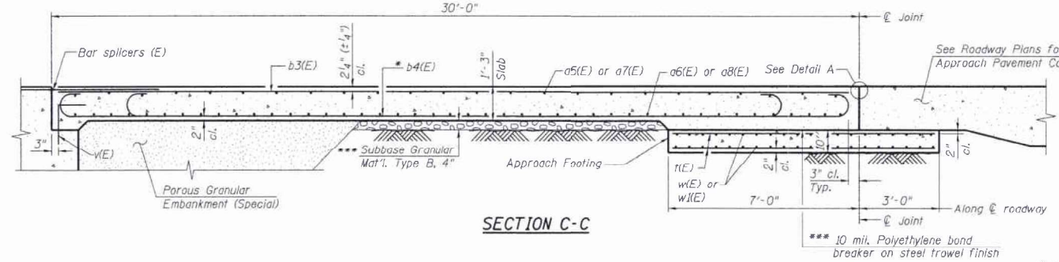
PLOT SCALE = 0:2.0000 ':' / In.	CHECKED - PMH	REVISED -			
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 4 OF 5 SHEETS	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	155
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

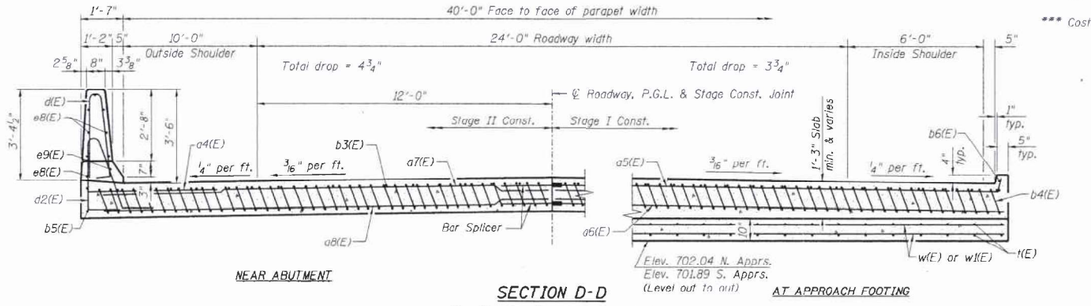
FOR INFORMATION ONLY



SECTION C-C

* Tilt #9 b4(E) bars as required to maintain clearance.

*** Cost included with Concrete Superstructure.



NEAR ABUTMENT

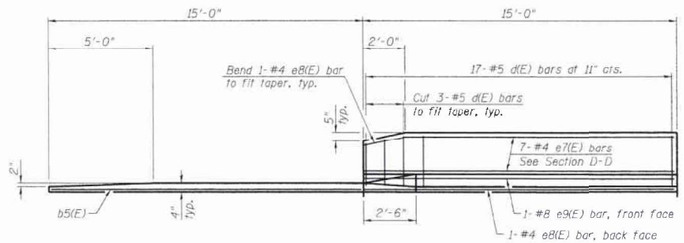
SECTION D-D

(See Plan for dimensions not shown)

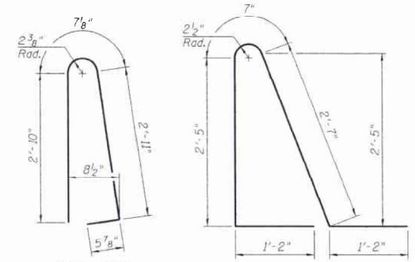
AT APPROACH FOOTING

FOUR APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a4(E)	96	#6	6'-6"	
a5(E)	100	#4	19'-1"	
a6(E)	184	#5	18'-9"	
a7(E)	100	#4	23'-1"	
a8(E)	184	#5	22'-9"	
b3(E)	140	#4	29'-8"	
b4(E)	404	#9	29'-9"	
b5(E)	16	#4	14'-8"	
d(E)	136	#5	6'-10"	
d2(E)	136	#5	7'-11"	
e8(E)	64	#4	14'-8"	
e9(E)	8	#8	14'-8"	
t(E)	352	#4	9'-8"	
w(E)	160	#5	16'-9"	
w1(E)	160	#5	22'-9"	
Concrete Superstructure			Cu. Yd.	263.4
Concrete Structures			Cu. Yd.	51.6
Reinforcement Bars, Epoxy Coated			Pound	67,750
Bridge Deck Grooving			Sq. Yd.	508
Protective Coat			Sq. Yd.	606

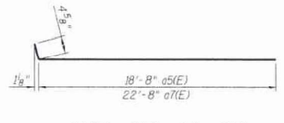


VIEW E-E

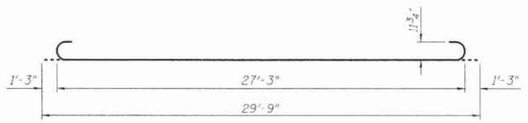


BAR d(E)

BAR d2(E)



BARS a5(E) AND a7(E)



BAR b4(E)

NOTES:

1. See sheet S15 of S41 for Detail A and View B-B.
2. Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
3. Approach footing concrete shall be paid for as Concrete Structures.
4. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
5. For w(E) bar details, see sheets S13 and S14 of S41.
6. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
7. For bar splicer details, see sheet S25 of S41.
8. Cost of excavation for approach footing included with Concrete Structures.
9. For Porous Granular Embankment (Special) and drainage treatment details, see sheet S2 of S41.
10. For additional parapet details, see sheet S13 of S41.

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Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312.565.0450 Job No. 3938.09

FILE NAME =	USER NAME = rgrimm	DESIGNED - JLS	REVISED -
		CHECKED - AAY	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS (2 OF 2)
STRUCTURE NO. 038-0222/0223
SHEET NO. S16 OF S41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-8) BR & BR-1	IROQUOIS	73	31
		CONTRACT NO. 66948		
	ILLINOIS	FED. AID PROJECT		

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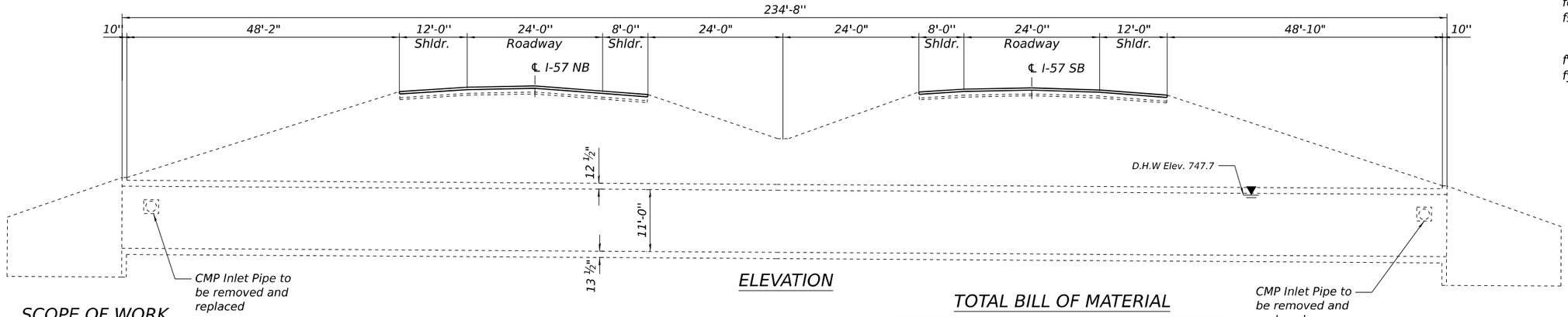
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
EXISTING PLANS S.N. 038-0222 & 038-0223
SHEET 5 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	156
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

Existing Structure: SN 038-2008 is a double barrel 10' x 11' (W x H) cast-in-place concrete box culvert, 234'-8" long with T-Type Cantilever wingwalls, constructed in 1968 as Section 38-9A under project I-IG-57-6(53). The structure will remain open to traffic during construction.

No Salvage.



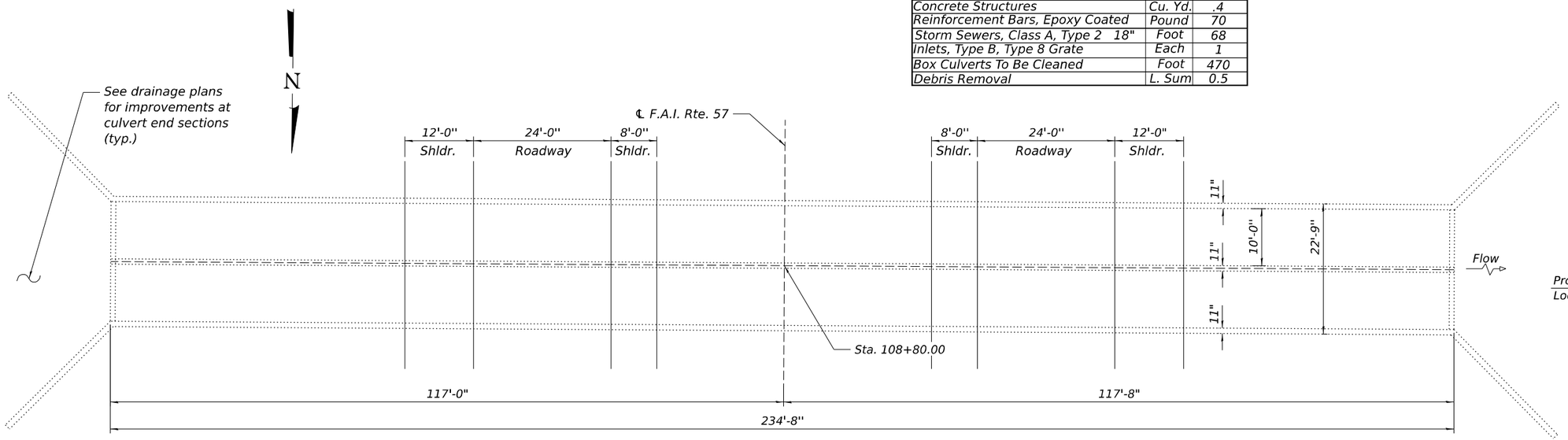
ELEVATION

SCOPE OF WORK

1. Remove ditch inlet pipes and headwalls. Cut barrel wall and remove concrete at pipe opening.
2. Place storm sewer and manhole for northwest ditch.
3. Cut ditch and place riprap chute for northeast ditch.
4. Repair inlet openings in culvert wall.
5. Place fill and grade embankment to match existing slopes.
6. Clear debris from in and around culvert.

TOTAL BILL OF MATERIAL

Item	Unit	Total
Earth Excavation	Cu. Yd.	10
Furnished Excavation	Cu. Yd.	12
Stone Dumped Riprap, Class A3	Ton	20
Filter Fabric	Sq. Yd.	30
Concrete Removal	Cu. Yd.	.4
Concrete Headwall Removal	Each	2
Pipe Culvert Removal	Foot	136
Concrete Structures	Cu. Yd.	.4
Reinforcement Bars, Epoxy Coated	Pound	70
Storm Sewers, Class A, Type 2 18"	Foot	68
Inlets, Type B, Type 8 Grade	Each	1
Box Culverts To Be Cleaned	Foot	470
Debris Removal	L. Sum	0.5



PLAN

INDEX OF SHEETS

1. General Plan and Elevation S.N. 038-2008
2. North Barrel Repairs S.N. 038-2008
3. Northeast Inlet Plan & Details S.N. 038-2008
4. Northwest Inlet Plan & Details S.N. 038-2008
5. Existing Plans S.N. 038-2008

DESIGN STRESSES

EXISTING CONSTRUCTION

fc = 1,400 psi (Barrel)
fc = 1,000 psi (Wings)
fs = 20,000 psi (Reinforcement)

NEW CONSTRUCTION

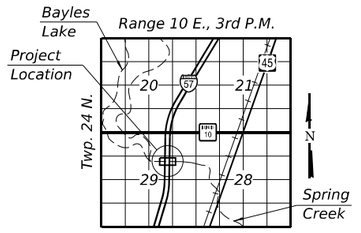
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

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.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the Contractor's expense.



LOCATION SKETCH

PATRICK M. HANNEMANN
081-007568
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS

SIGNATURE
05/09/2025
DATE

LIC. EXP. DATE 11/30/2026

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications.

GENERAL PLAN & ELEVATION
F.A.I. RTE. 57 (I-57) OVER SPRING CREEK
SECTION (38-9,38-8,38-7)RS,RA,BRR
IROQUOIS COUNTY
STA. 108+80
STRUCTURE NO. 038-2008

HANSON

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PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
GENERAL PLAN AND ELEVATION S.N. 038-2008
SHEET 1 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	157
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

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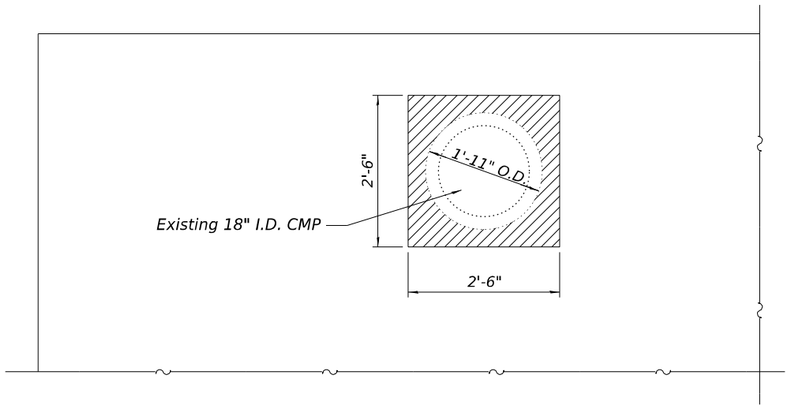
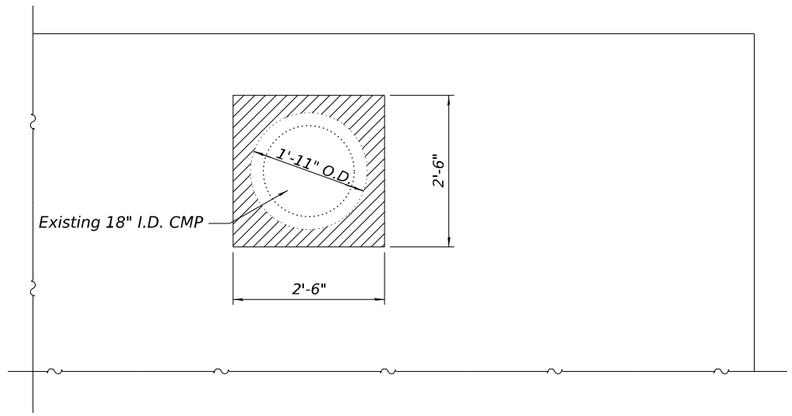
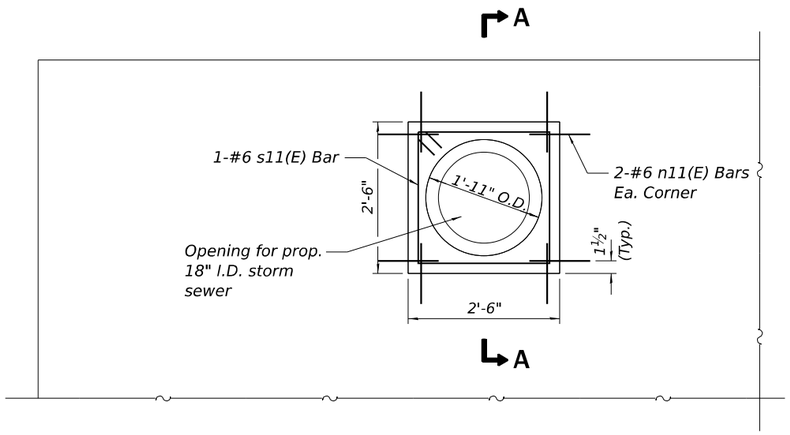


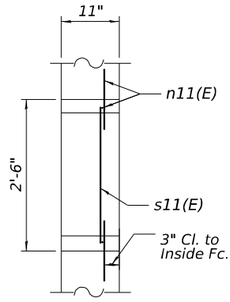
ELEVATION - NORTH FACE/WEST END REMOVAL



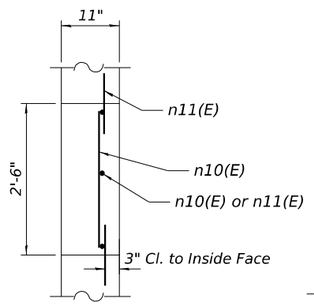
ELEVATION - NORTH FACE/EAST END REMOVAL



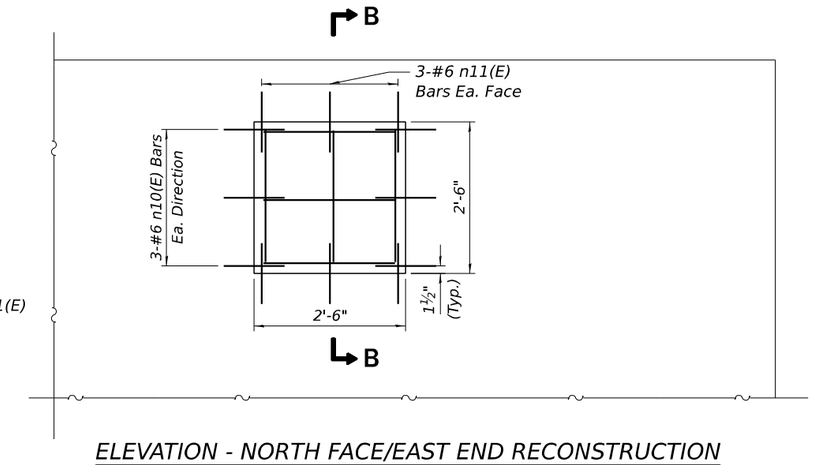
ELEVATION - NORTH FACE/WEST END RECONSTRUCTION



SECTION A-A



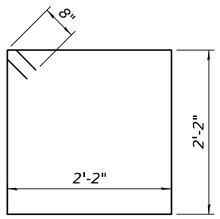
SECTION B-B



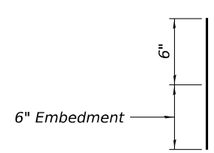
ELEVATION - NORTH FACE/EAST END RECONSTRUCTION

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n10(E)	6	#6	2'-2"	
n11(E)	20	#6	1'-0"	
s11(E)	1	#6	10'-0"	
Concrete Removal			Cu. Yd.	0.4
Concrete Structures			Cu. Yd.	0.4
Reinforcement Bars, Epoxy Coated			Pound	70



BAR s11(E)



BAR n11(E)

LEGEND:

Concrete Removal

NOTES:

1. All reinforcement bars designated (E) shall be epoxy coated.
2. n11(E) bars shall be epoxy grouted and extend a min. of 6" into the existing concrete according to Art. 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

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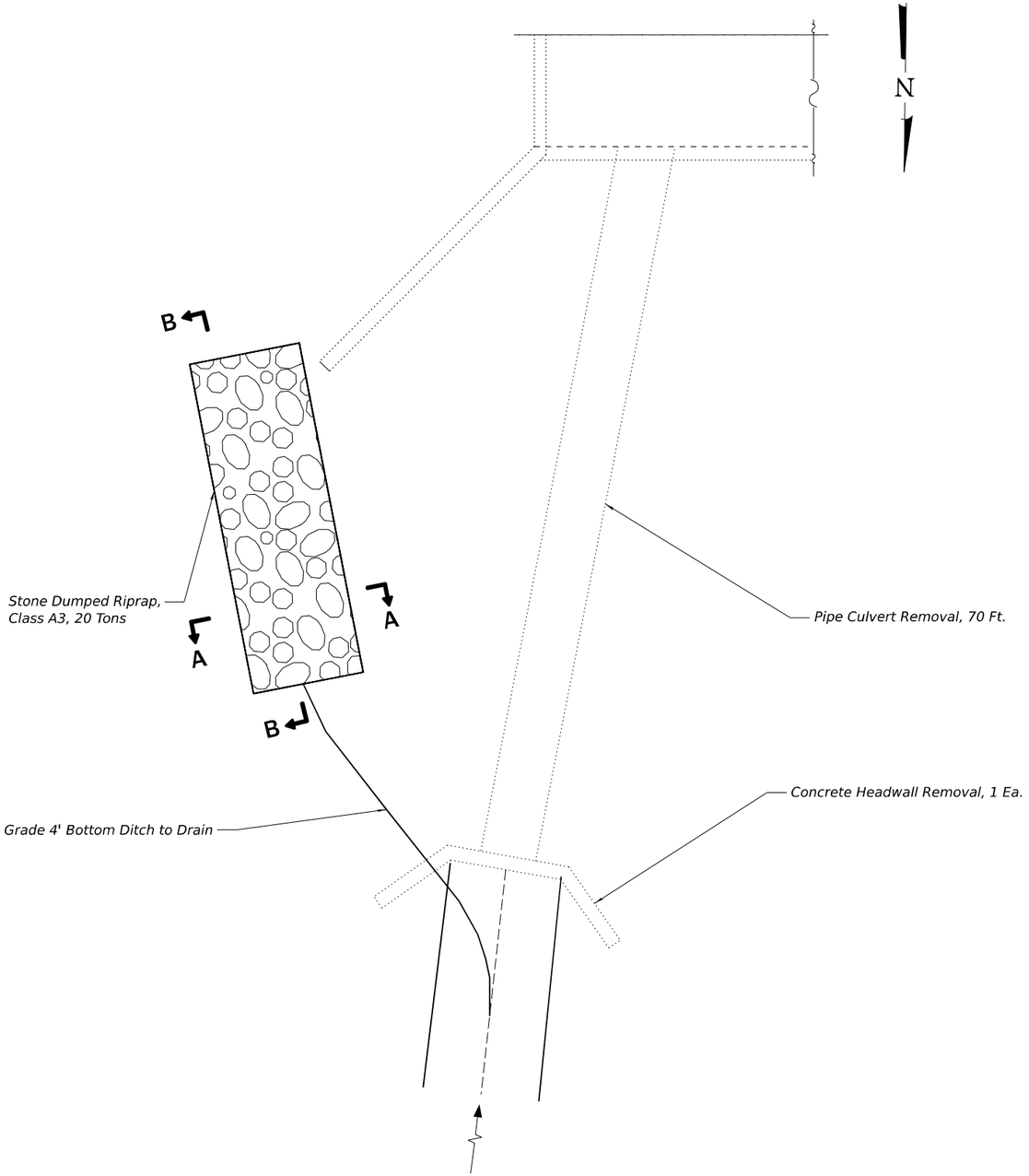
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

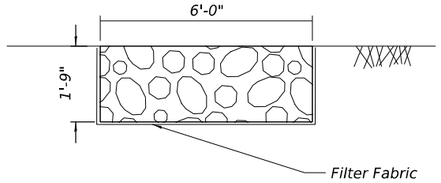
STRUCTURE PLANS
NORTH BARREL REPAIRS S.N. 038-2008

SHEET 2 OF 5 SHEETS

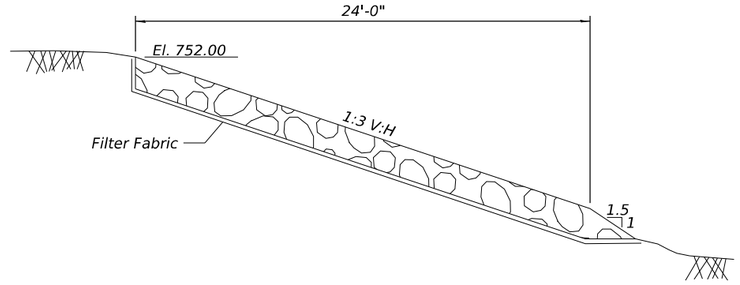
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	158
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		



PLAN VIEW



SECTION A-A



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Earth Excavation	Cu. Yd.	10
Stone Dumped Riprap, Class A3	Ton	20
Filter Fabric	Sq. Yd.	30
Concrete Headwall Removal	Each	1
Pipe Culvert Removal	Foot	70

MODEL: 038-2008 Northeast Inlet Plan
FILE NAME: pw://hansonlin:<pw.bentley.com:hanson>pw-w01.Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Culvert_038-2008.dgn

HANSON

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	DRAWN - KMP	REVISED -	
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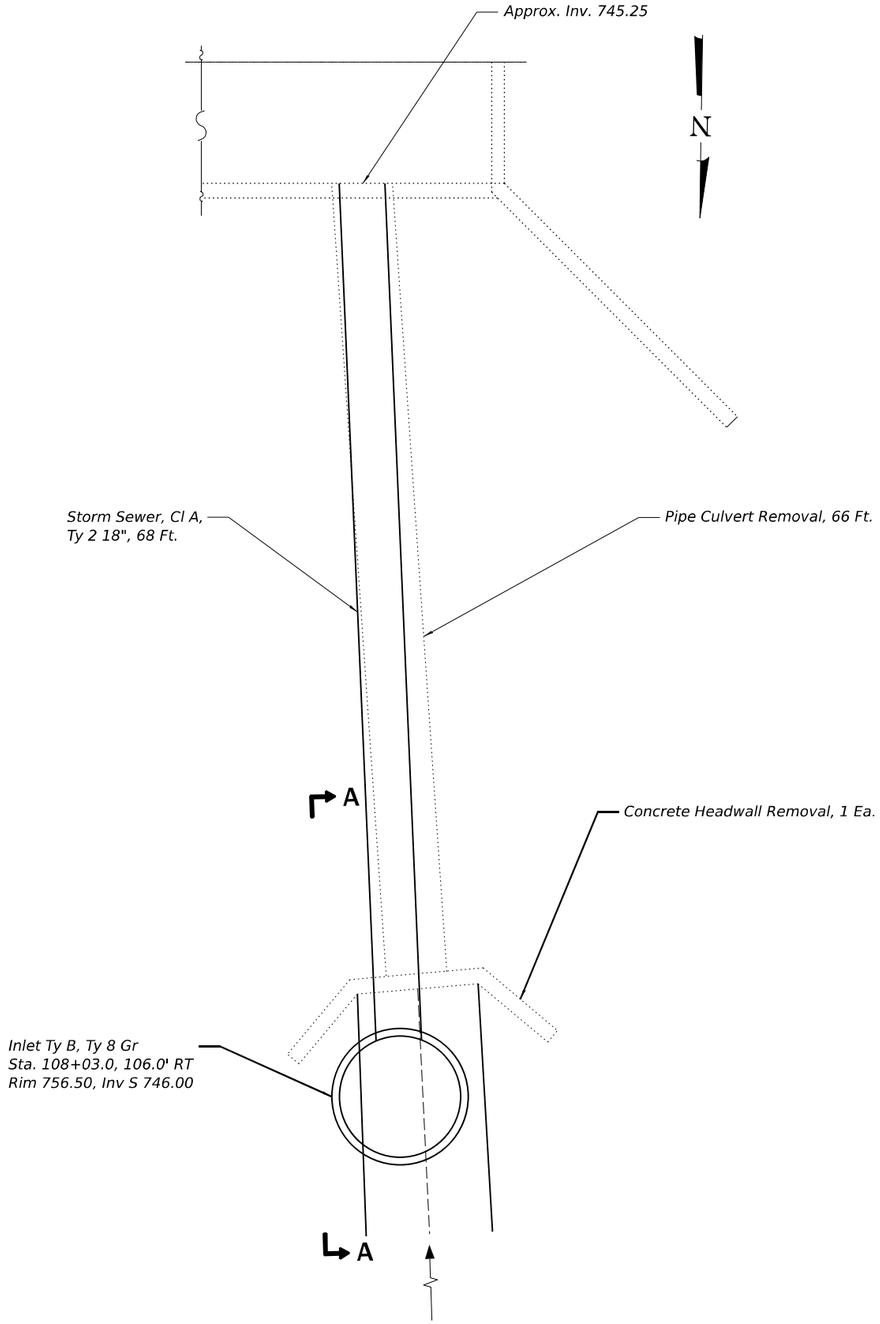
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

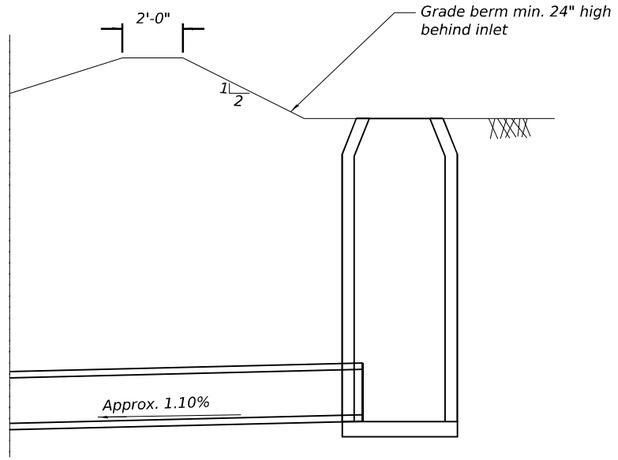
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
NORTHEAST INLET PLAN & DETAILS S.N. 038-2008
SHEET 3 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	159
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



PLAN VIEW



SECTION A-A

BILL OF MATERIAL

Item	Unit	Total
Furnished Excavation	Cu. Yd.	15
Concrete Headwall Removal	Each	1
Pipe Culvert Removal	Foot	66
Storm Sewers, Class A, Type 2 18"	Foot	68
Inlets, Type B, Type 8 Grate	Each	1

MODEL: 038-2008 Northwest Inlet Plan
FILE NAME: pw://hansonInc-pw.bentley.com:hanson-pw-01/Documents/23/obs/23H0038_09/CAD/CADSheets/D366H05-setk-Culvert_038-2008.dgn

HANSON

USER NAME = povill02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS NORTHWEST INLET PLAN & DETAILS S.N. 038-2008	F.A.I. RTE. 57
	DRAWN - KMP	REVISED -			SECTION (38-9, 38-8, 38-7) RS, RA, BRR
PLOT SCALE = 0:2.0000 ':" / In.	CHECKED - PMH	REVISED -			COUNTY IROQUOIS
PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 4 OF 5 SHEETS	TOTAL SHEETS 194
					SHEET NO. 160
					CONTRACT NO. 66H59
					ILLINOIS FED. AID PROJECT

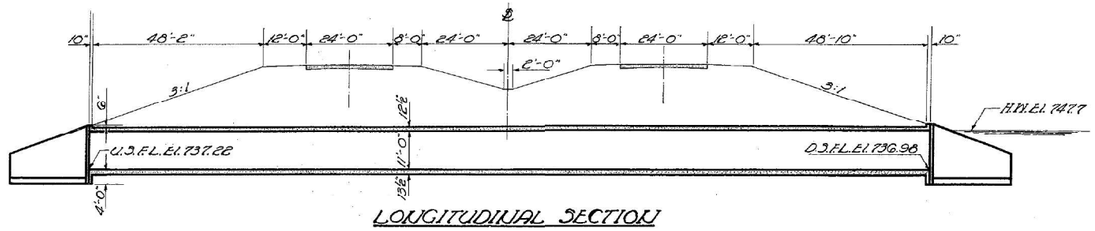
FOR INFORMATION ONLY

B.M.: P.K. & W. in top of fence post 14' Lt. Sta. 106+82 El. 764.82

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	38-9A	IROQUOIS	158	58

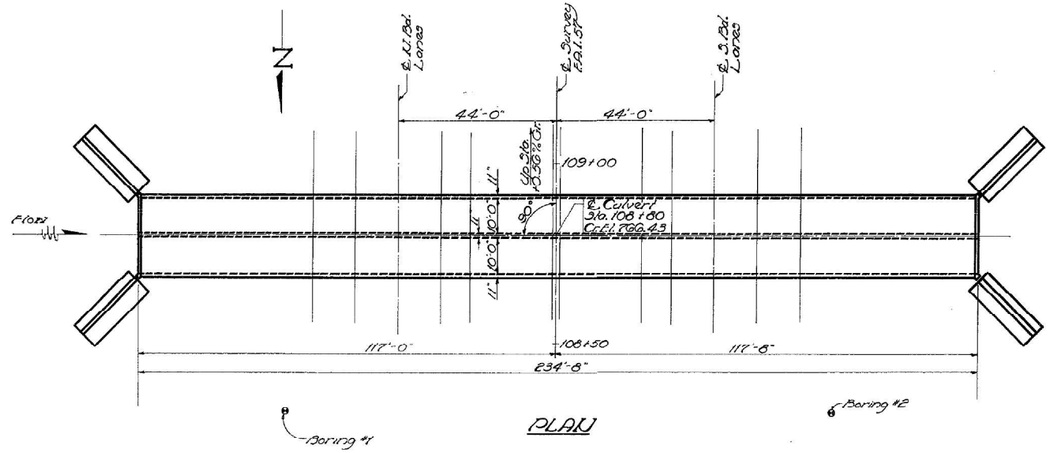
SHEET NO. 1
3 SHEETS
6 (53) 261



LONGITUDINAL SECTION

STATION 108+80
BUILT 196 BY
STATE OF ILLINOIS
F.A.I. RT. 57 SEC. 38-9A
FA PROJ. I-IG-57-6(53)
LOADING H20-S16 & ALT.

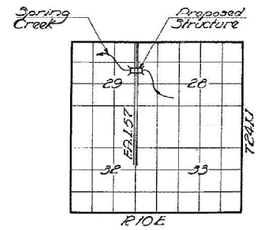
NAME PLATE
See Std. 2113-1



PLAN

TOTAL BILL OF MATERIAL

Item	Unit	Total
Class X Concrete	Cu. Yds.	803.3
Reinforcement Bars	Lbs.	144,140
Name Plates	Each	1



LOCATION PLAN

DESIGNED	Ernest A. Stickan
CHECKED	Arnold S. Fowler
DRAWN	E.S. W. Lincoln
CHECKED	A.S.F.

Oct. 30 1963
EXAMINED W. E. Baumann — ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED E. L. Hurd — ENGINEER OF DESIGN
APPROVED V. E. Duff — CHIEF ENGINEER PRESIDENT

WATERWAY INFORMATION
Drainage Area 4863 Acres
Character Level, Rolling, Cultivated
Required Opening (50 yr. Ft.) 212 Sq. Ft.
Present Opening None
Proposed Opening 212 Sq. Ft.
Ordinary Water Elev. 739.3

DESIGN STRESSES
fc = 1,400 p.s.i. (Barrel)
fc = 1,000 p.s.i. (Wings)
fs = 20,000 p.s.i. (Reinf.)
Vc = 75 p.s.i. (Ftgs.) & Vc = 90 p.s.i. (Barrel)
n = 10
LOADING H20-S16-44 & ALT.

GENERAL PLAN & ELEVATION
SPRING CREEK
F.A.I. RT. 57 ~ SEC. 38-9A
IROQUOIS COUNTY
STA. 108+80

MODEL: 038-2008 Existing GPE
FILE NAME: pw://hansonin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Culvert_038-2008.dgn

HANSON

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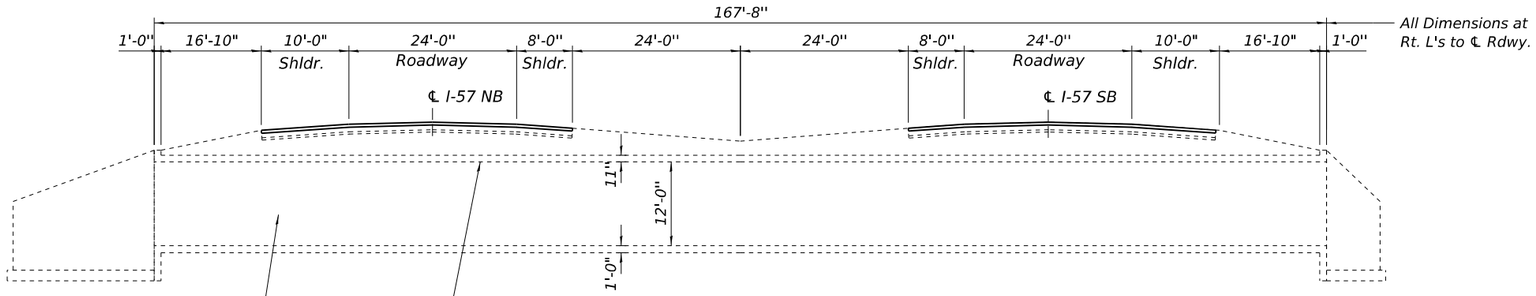
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
EXISTING PLANS S.N. 038-2008
SHEET 5 OF 5 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	161
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

Existing Structure: SN 038-2016 is a double barrel 12' x 12' (W x H) precast concrete box culvert, 185'-0" long with T-Type cantilever wingwalls, constructed in 2002 as Section (38-7)BR, BR-1 under Contract 66048. The structure will remain open to traffic during construction.

No Salvage.



ELEVATION

GENERAL NOTES

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.

SCOPE OF WORK

1. Perform structural repair of concrete on culvert walls.
2. Perform mastic repairs for culverts on joints between precast culvert sections.
3. Apply Polymer Modified Portland Cement Mortar to top of culvert.
4. Place Riprap, Class A4, at the West Barrel opening.

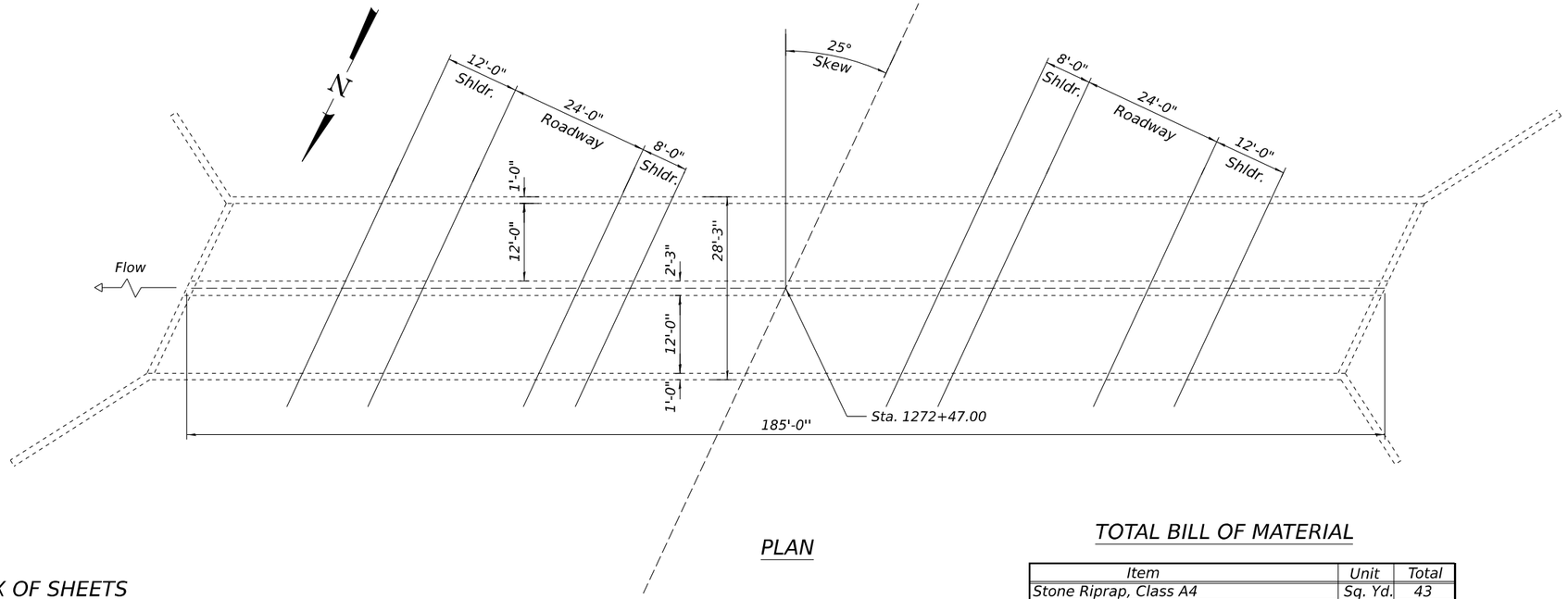
LICENSED STRUCTURAL ENGINEER
PATRICK M. HANNEMANN
081-007568
STATE OF ILLINOIS

SIGNATURE

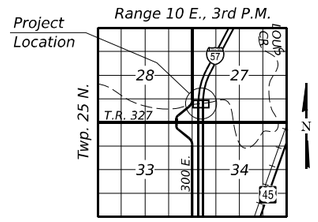
05/09/2025
DATE

LIC. EXP. DATE 11/30/2026

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications.



PLAN



LOCATION SKETCH

TOTAL BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A4	Sq. Yd.	43
Filter Fabric	Sq. Yd.	43
Polymer Modified Portland Cement Mortar	Sq. Ft.	2
Mastic Repairs for Culverts	L. Sum	1
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	7

INDEX OF SHEETS

1. General Plan and Elevation S.N. 038-2016
2. West Barrel Plan S.N. 038-2016
3. Culvert Wall Repairs S.N. 038-2016
4. Existing Plans S.N. 038-2016

GENERAL PLAN & ELEVATION
F.A.I. RTE. 57 (I-57) OVER LOUIS CREEK
SECTION (38-9,38-8,38-7)RS,RA,BRR
IROQUOIS COUNTY
STA. 1272+47.00
STRUCTURE NO. 038-2016

MODEL: 038-2016 GPE
FILE NAME: pw://hansonllnc-pw.bentley.com:hansonllnc-pw-01/Documents/23JobsI23H0038_09/CAD/CADSheets/D366H59-Int-Culvert_038-2016.dgn

HANSON

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PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
GENERAL PLAN AND ELEVATION S.N. 038-2016
SHEET 1 OF 4 SHEETS

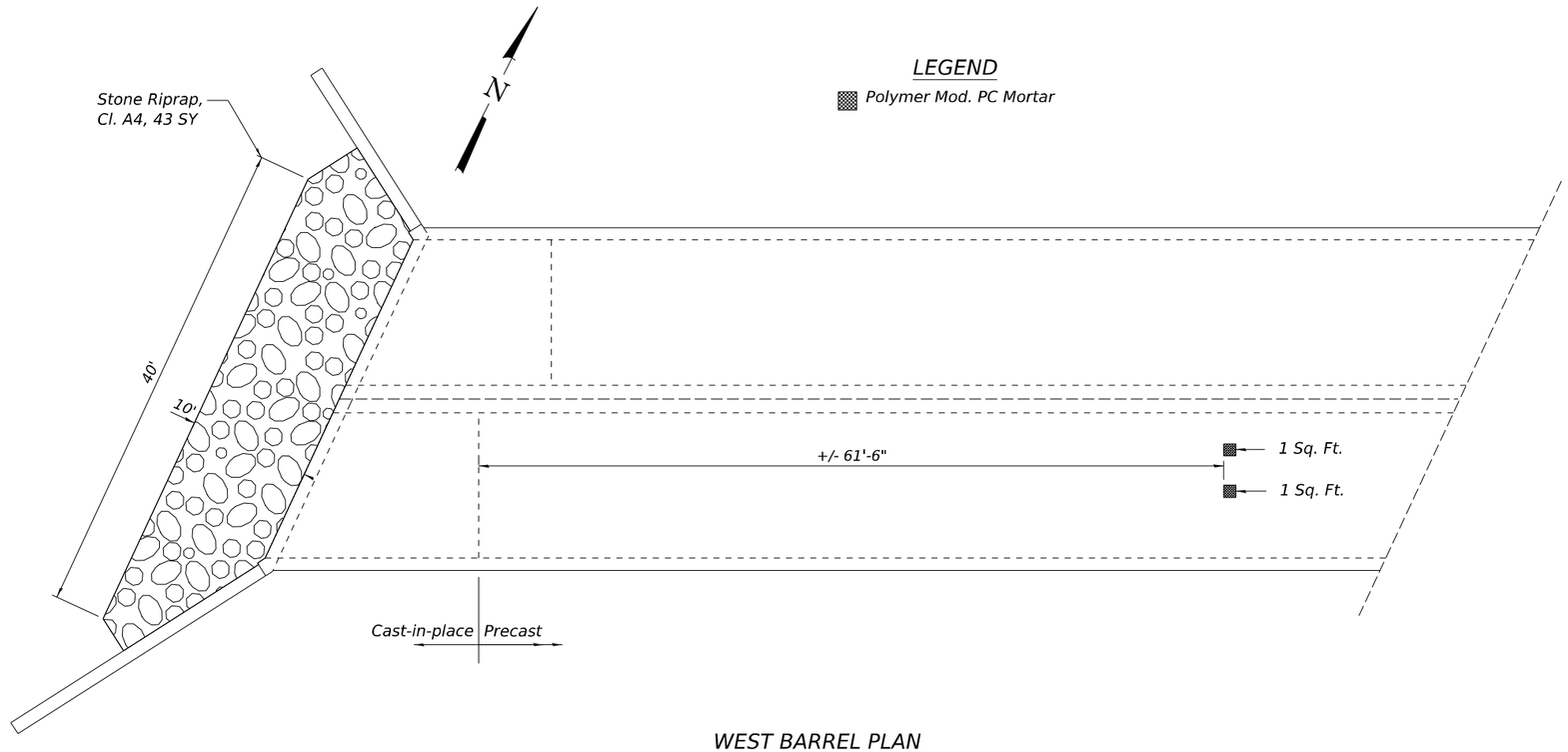
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	162
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

NOTES:

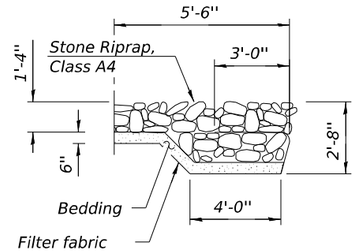
1. Layout of Stone Riprap in channel may be varied to suit ground conditions in the field as directed by the Engineer.

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

3. Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired, and the type(s) of repairs to be used, shall be determined by the Engineer in the field at the time of construction.



WEST BARREL PLAN



STONE RIPRAP PLACEMENT DETAIL

BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A4	Sq. Yd.	43
Filter Fabric	Sq. Yd.	43
Polymer Modified Portland Cement Mortar	Sq. Ft.	2

MODEL: 038-2016 West Barrel Plan
FILE NAME: pw://hansonlnk-pw.bentley.com:hanson-hgw-01.Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-Culvert_038-2016.dgn

HANSON

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	DRAWN - KMP	REVISED -	
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PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS
WEST BARREL PLAN S.N. 038-2016
SHEET 2 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	163
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			



NORTH BARREL - SOUTH WALL

East Half, Looking South



NORTH BARREL - SOUTH WALL

West Half, Looking South

Precast | Cast-in-place

LEGEND

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

NOTES:

1. Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired, and the type(s) of repairs to be used, shall be determined by the Engineer in the field at the time of construction.

2. No deficiencies noted on north wall of south barrel or north wall of north barrel.



SOUTH BARREL - SOUTH WALL

East Half, Looking South



SOUTH BARREL - SOUTH WALL

West Half, Looking South

Precast | Cast-in-place

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal To Or Less Than 5 Inches)	Sq. Ft.	7

MODEL: 038-2016 Culvert Wall Repairs
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADSheets/D366H59-sht-Culvert_038-2016.dgn

HANSON

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PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		SHEET 3 OF 4 SHEETS	

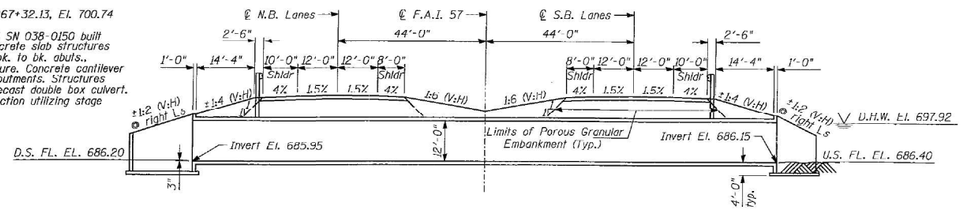
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	164
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

FOR INFORMATION ONLY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-7)BR,BR-1	IROQUOIS	66	36
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

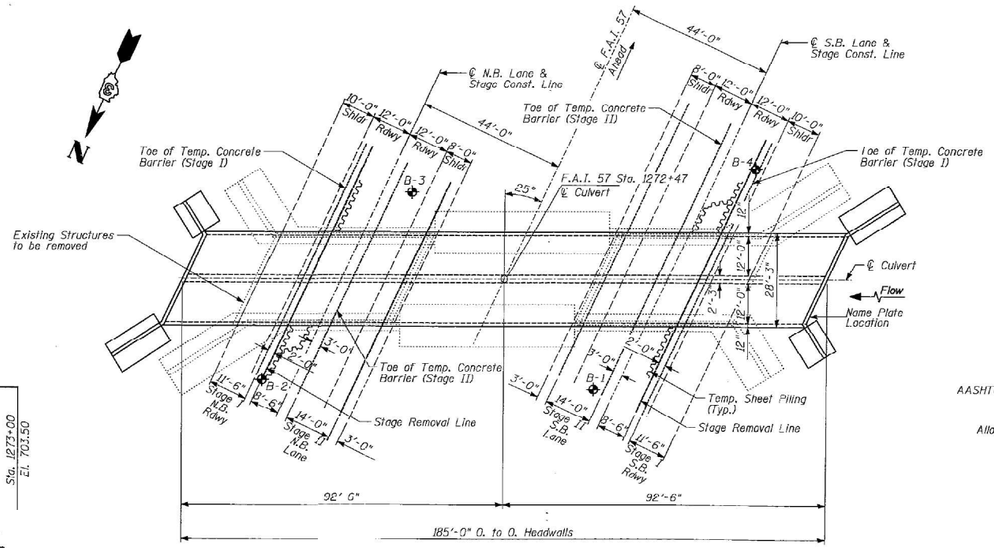
B.M.: Brass Disk in ℄ U.S. 57 Sta. 1267+32.13, El. 700.74

Existing Structures: SN 038-0149 and SN 038-0150 built in 1968 are Single span reinforced concrete slab structures on closed concrete abutments, 28'-0" bk. to bk. abuts., 40'-0" clear roadway width each structure. Concrete cantilever retaining walls connect the structure abutments. Structures will be removed and replaced with a precast double box culvert. Traffic shall be maintained in each direction utilizing stage construction.
No Salvage.

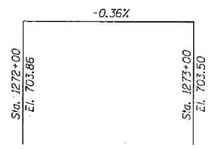


LONGITUDINAL SECTION

(See Sheet 2 for Stage Const. Geometry)
Dimensions at Right Angles to ℄ FAI 57



PLAN



PROFILE GRADE

(℄ Roadway)

STATION 1272+47
BUILT 200_ BY
STATE OF ILLINOIS
F.A.I. ROUTE 57 SEC. (38-7)BR, BR-1
F.A. PROJECT
LOADING HS20 & ALT
STRUCTURE NO. 038-2016

NAME PLATE

See Std. 515001

WATERWAY INFORMATION

Drainage Area = 6.63 sq mi Low Grade Elev. 702.30 @ Sta. 1276+32

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head-Ft. Exist.	Head-Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Design	50	1150	243	276	697.92	0.73	0.11	698.65	698.03
Base	100	1305	250	284	698.25	0.90	0.19	699.15	698.44
Overtopping									
Max. Calc.	500	1667	265	288	698.86	1.33	0.50	700.19	699.36

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

GENERAL NOTES

Prior to removing the existing structure, temporary sheet piling shall be driven along the stage removal line. The existing structure shall be removed in stages to the top of the original footing in accordance with Section 501 of the Standard Specifications.
Existing abutment walls shall be temporarily supported before removal of existing superstructure.
Reinforcement bars shall conform to the requirements of A.A.S.H.T.O. M 31, M 42 or M 53 Grade 60.
The Precast Concrete Box Culvert sections shall conform to the requirements of A.A.S.H.T.O. M 259.
For backfilling and embankment, see Standard Specifications. Porous Granular Embankment shall be used over the proposed culvert and within two feet of the exterior walls as directed by the Engineer.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Removal of Existing Structures	Each	2
Temporary Sheet Piling	Sq. Ft.	4368
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	211.2
Precast Concrete Box Culverts 12 Ft. x 12 Ft.	Foot	312
Reinforcement Bars, Epoxy Coated	Pound	27,950
Porous Granular Embankment	Cu. Yd.	700
Geotextile Retaining Wall	Sq. Ft.	280

See roadway Plans for quantity of Temporary Concrete Barrier.

DESIGN SPECIFICATIONS

AASHTO 1996 and Interims 1997 and 1998 & 1999

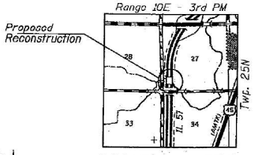
LOADING HS20 & ALT

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

DESIGN STRESSES

Precast Units
f'c = 5,000 psi
fy = 65,000 psi (welded wire fabric)
Field Units
fy = 60,000 psi (reinforcement)
f'c = 3,500 psi (concrete)

Illinois Structural No. 4859
Expires 11-30-2002
Date: 3/02/01



LOCATION SKETCH

SHEET TITLE	
GENERAL PLAN	
PROJECT	PROJECT NO. 99109
F.A.I. ROUTE 57 OVER LOUIS CREEK SECTION (38-7) BR, BR-1 IROQUOIS COUNTY STATION 1272+47 STRUCTURE NUMBER 038-2016	SCALE DATE DRAWN BY CRC/TTG CHECKED BY MCB/REG DRAWING NO. 1
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois	OF 6 SHTS

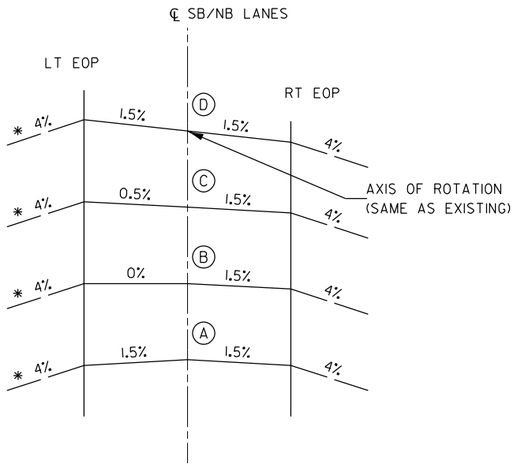
MODEL: 038-2016 Existing GPE
FILE NAME: pw://hansonllnc-pw.bentley.com:hanson-pw-01/Documents/23/jobs/23H0038_09/CAD/CADsheets/D366H59sht-Culvert_038-2016.dgn

HANSON	USER NAME = povll02298	DESIGNED - KMP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE PLANS EXISTING PLANS S.N. 038-2016
		DRAWN - KMP	REVISED -		
	PLOT SCALE = 0:2.0000 '/ in.	CHECKED - PMH	REVISED -		SHEET 4 OF 4 SHEETS
	PLOT DATE = 5/9/2025	DATE - 02/26/25	REVISED -		

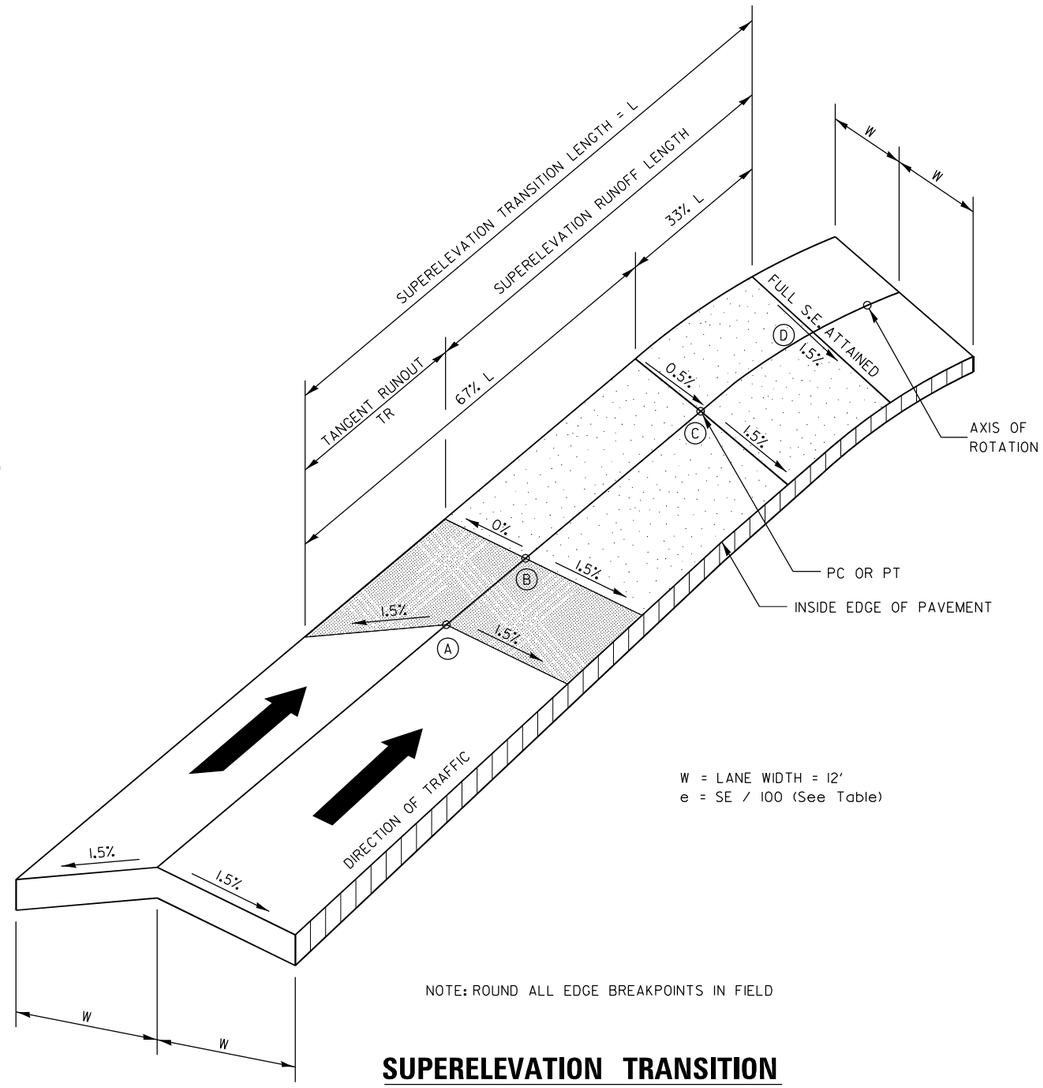
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	165
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

CURVE 1A/1B

P.I. STA(1) 1418+02.83
Δ(1) = 24°41'38" RT
D(1) = 0°30'00"
T(1) = 2508.03'
R(1) = 11457.77'
L(1) = 4938.17'
E(1) = 271.28'
P.I. STA(2) 1456+58.26
Δ(2) = 14°10'54" RT
D(2) = 0°30'00"
T(2) = 1425.29'
R(2) = 11457.77'
L(2) = 2836.02'
E(2) = 88.31'
S.E. = 1.5% / 1.5% (EXIST. / PROP.)
S.E. TRANSITION = 200' (MATCH EXISTING)
P.C. STA EQN 1392+94.53 (BK) = 1392+94.80 (AH)
P.C.C. STA 1442+32.97
P.T. STA EQN 1470+68.99 (BK) = 1470+68.79 (AH)



CROSS SECTION DIAGRAM
SUPERELEVATION TRANSITION



W = LANE WIDTH = 12'
e = SE / 100 (See Table)

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

SUPERELEVATION TRANSITION

SUPERELEVATION TRANSITION MATCHES EXISTING RECORD DRAWINGS IN ORDER TO MAINTAIN VERTICAL CLEARANCES UNDER 4OON BRIDGE. SEE DETAIL FOR OVERLAY THICKNESS TRANSITION AT OVERHEAD STRUCTURES.

CURVE	W	A	B	C	D	SUPERELEVATION SE %	TANGENT RUNOUT, TR	TRANSITION LENGTH, L	RUNOFF LENGTH
1A/B	12'	1391+60.53	1392+60.53	1392+94.53(BK) 1392+94.80(AH)	1393+60.80	1.5	100'	200'	100'
	12'	1472+02.79	1471+02.79	1470+68.79(AH) 1470+68.99(BK)	1470+02.99				

•Note: No shoulder transitions required.

MODEL: Default
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HANSON

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	DRAWN - ASH	REVISED -	
PLOT SCALE = 10.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

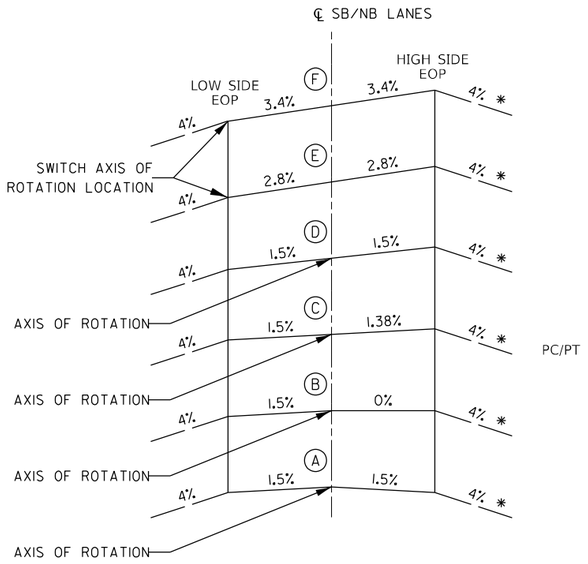
ROADWAY DETAILS

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

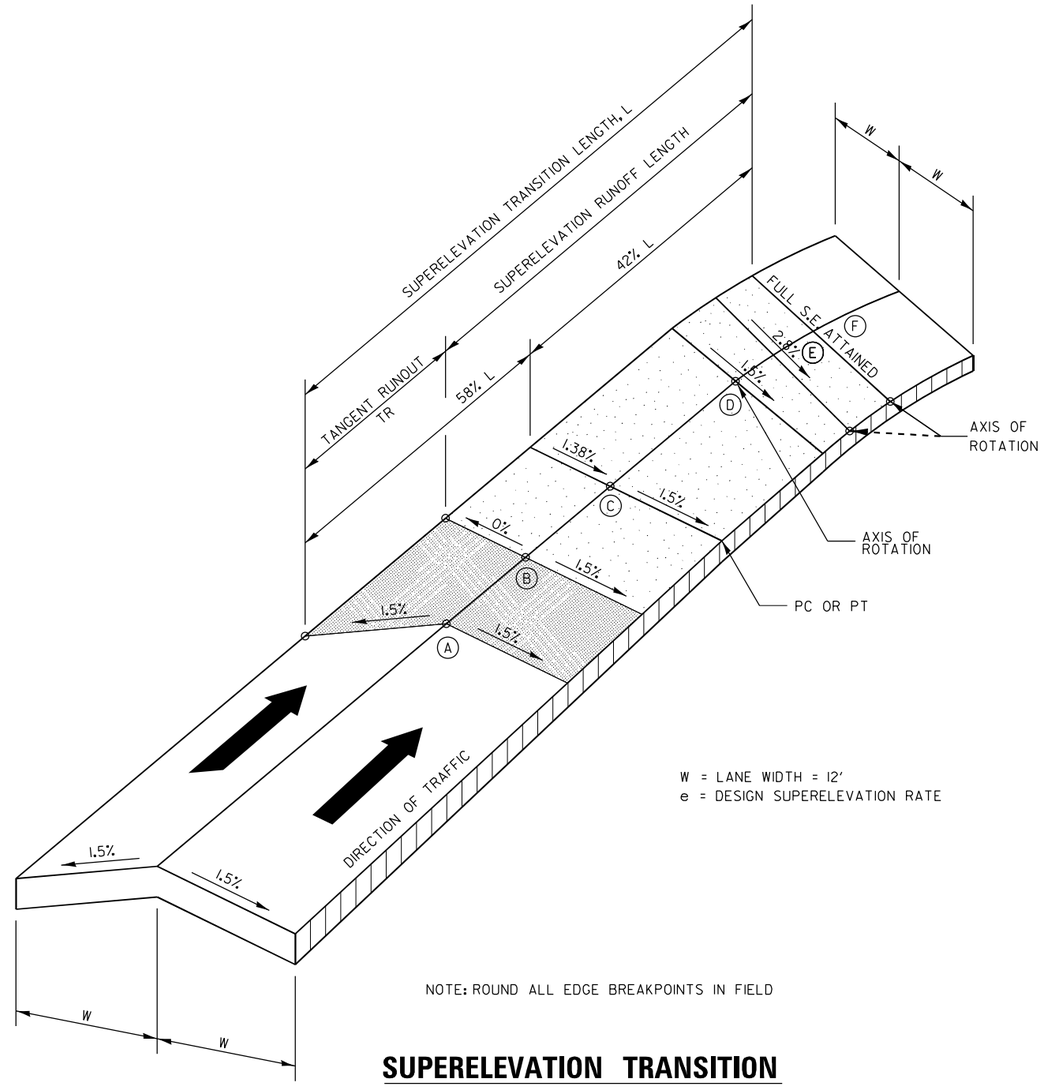
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	166
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

CURVE 2

P.I. STA 1541+07.48
Δ = 38°30'41" LT
D = 01°00'01"
T = 2000.73'
R = 5727.40'
L = 3849.66'
E = 339.40'
S.E. = 2.8% / 3.4% (EXIST. / PROP.)
S.E. TRANSITION = 228' (PROP.)
P.C. STA 1521+06.75
P.T. STA EQN 1559+56.41 (BK) = 1559+56.31 (AH)



CROSS SECTIONS
SUPERELEVATION DEVELOPMENT



SUPERELEVATION TRANSITION

CURVE	W	A	B	C	D	E	F	SUPERELEVATION SE %	TANGENT RUNOUT (TR)	TRANSITION LENGTH (L)	RUNOFF LENGTH
2	12' 12'	1519+73.75 1560+89.31	1520+43.75 1560+19.31	1521+06.75 1559+56.31(AH) 1559+56.41(BK)	1521+13.75 1559+50.41	1521+73.75 1558+89.41	1522+01.75 1558+61.41	3.4	70'	228'	158'

•Note: No shoulder transitions required.

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HANSON

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	DRAWN - ASH	REVISED -	
PLOT SCALE = 10.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

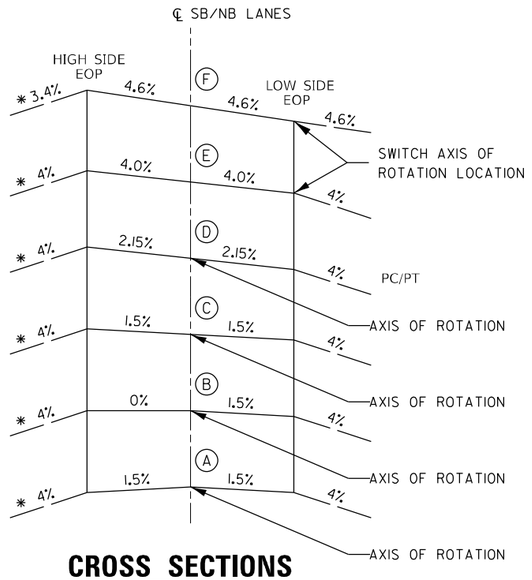
ROADWAY DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	167
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		

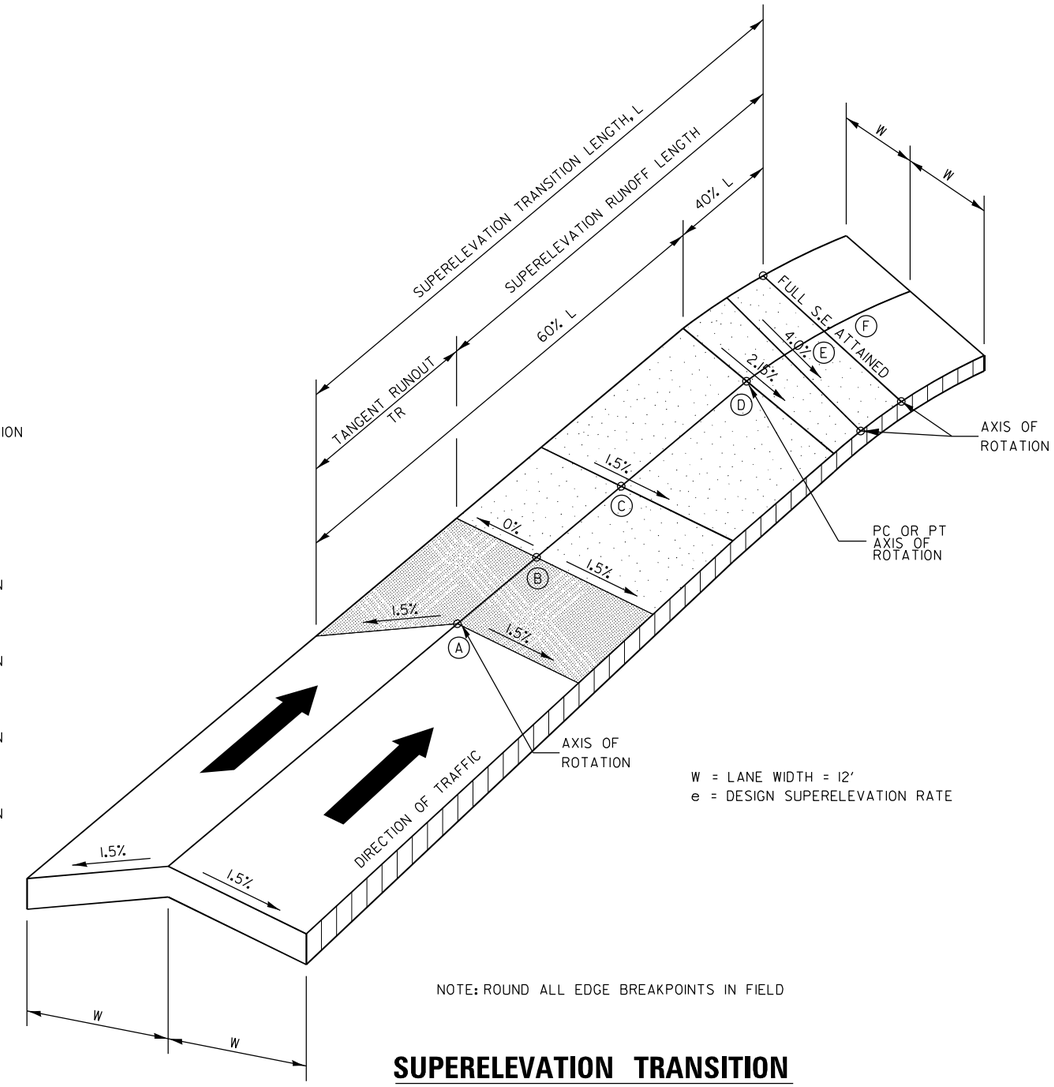
CURVE 3

P.I. STA 122+60.25
Δ = 24°26'20" RT
D = 01°29'57"
T = 827.60'
R = 3821.53'
L = 1630.03'
E = 88.58'
S.E. = 4.0% / 4.6% (EXIST. / PROP.)
S.E. TRANSITION = 222' (PROP.)
P.C. STA 114+32.65
P.T. STA 130+62.68



CROSS SECTIONS

SUPERELEVATION DEVELOPMENT



W = LANE WIDTH = 12'
e = DESIGN SUPERELEVATION RATE

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

SUPERELEVATION TRANSITION

CURVE	W	A	B	C	D	E	F	SUPERELEVATION SE %	TANGENT RUNOUT (TR)	TRANSITION LENGTH (L)	RUNOFF LENGTH
3	12' 12'	113+00.00 132+00.00	113+55.00 131+45.00	114+10.00 130+90.00	114+32.65 130+62.68	115+00.00 130+00.00	115+22.00 129+78.00	4.6	55'	222'	167'

•Note: Rollover between shoulder and pavement shall not exceed an algebraic difference of 8.0%.
(Shoulder to rotate between STA 115+00.00 to 115+22.00 and STA 129+78.00 to 130+00.00)

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	DRAWN - ASH	REVISED -	
PLOT SCALE = 10.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

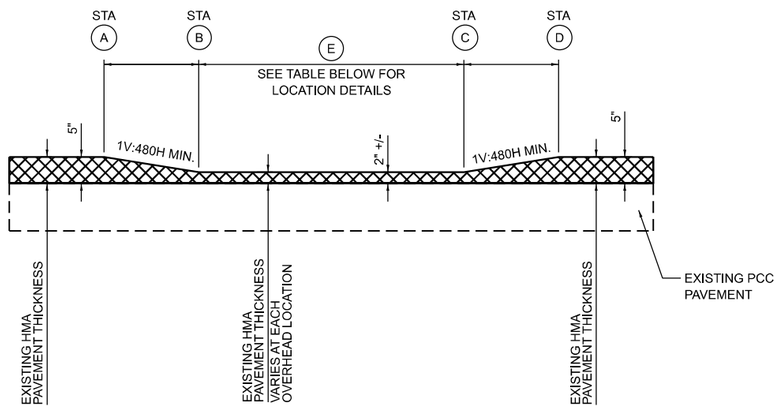
ROADWAY DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	168
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

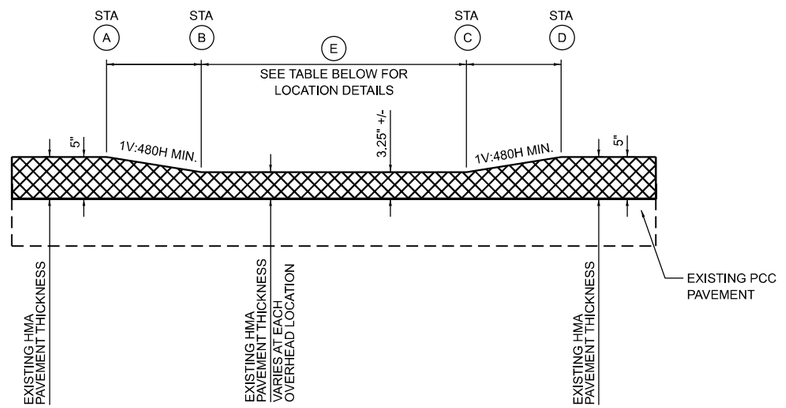
PAVEMENT HMA SURFACE REMOVAL AT OVERHEAD BRIDGES

SB I-57/CR 700N BRIDGE, SN 038-0133
SB I-57/CR 200N BRIDGE, SN 038-0077



PAVEMENT HMA SURFACE REMOVAL AT OVERHEAD BRIDGES

NB I-57/CR 700 N BRIDGE, SN 038-0133
NB I-57/CR 400 N BRIDGE, SN 038-0134
SB I-57/CR 400 N BRIDGE, SN 038-0134
NB I-57/CR 200 N BRIDGE, SN 038-0077

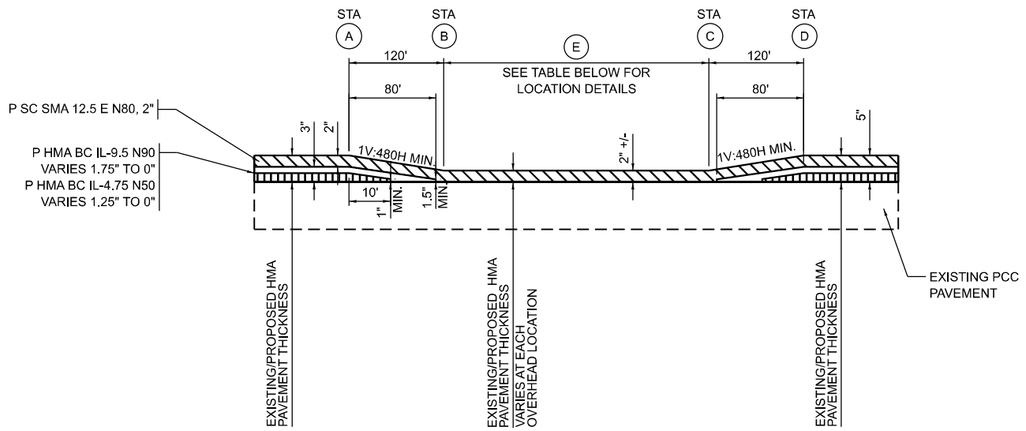


NOTES:

1. AS-BUILT DRAWINGS WERE USED TO DETERMINE EXISTING OVERLAY THICKNESSES. IF OVERLAY THICKNESS IS FOUND TO BE LESS THAN THE REMOVAL THICKNESS CALLED FOR IN THE PLANS, ADJUST OVERLAY REMOVAL THICKNESS SO NO EXISTING CONCRETE PAVEMENT IS REMOVED.
2. EXISTING VERTICAL CLEARANCES ARE TO BE MAINTAINED AFTER PLACEMENT OF HMA OVERLAY.

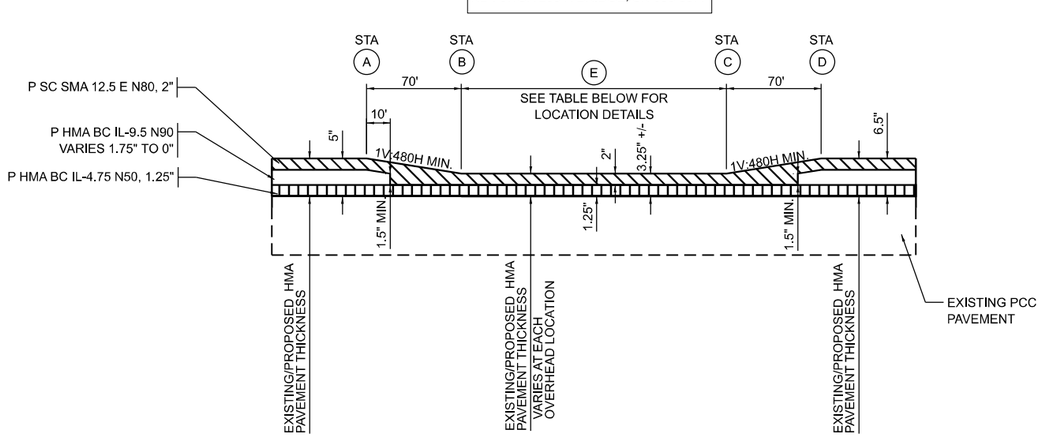
PAVEMENT HMA OVERLAY AT OVERHEAD BRIDGES

SB I-57/CR 700N BRIDGE, SN 038-0133
SB I-57/CR 200N BRIDGE, SN 038-0077



PAVEMENT HMA OVERLAY AT OVERHEAD BRIDGES

NB I-57/CR 700 N BRIDGE, SN 038-0133
NB I-57/CR 400 N BRIDGE, SN 038-0134
SB I-57/CR 400 N BRIDGE, SN 038-0134
NB I-57/CR 200 N BRIDGE, SN 038-0077



LOCATION	STATION				DISTANCE "E"
	A	B	C	D	(FT)
NB I-57 THROUGH LANES AT CR 200	1564+52	1565+22	1567+22	1567+92	200
SB I-57 THROUGH LANES AT CR 200	1564+02	1565+22	1567+22	1568+42	200
NB I-57 THROUGH LANES AT CR 400	1440+43	1441+13	1443+13	1443+83	200
SB I-57 THROUGH LANES AT CR 400	1440+83	1441+53	1443+53	1444+23	200
NB I-57 THROUGH LANES AT CR 700	1280+52	1281+22	1283+22	1283+92	200
SB I-57 THROUGH LANES AT CR 700	1280+02	1281+22	1283+22	1284+42	200

MODEL: Default
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HANSON

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	DRAWN - ASH	REVISED -	
PLOT SCALE = 10.000 ' / In.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

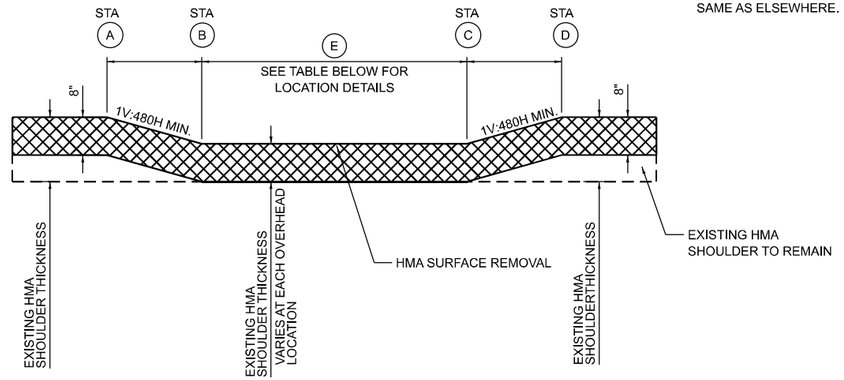
ROADWAY DETAILS

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

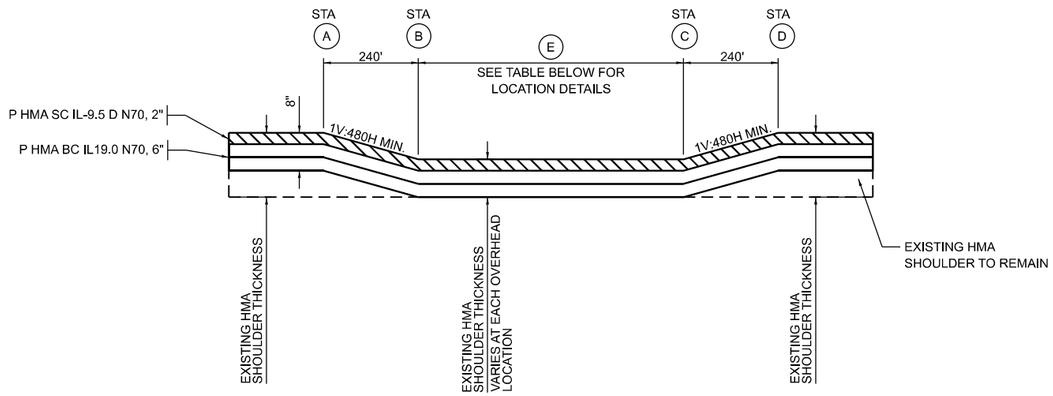
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	169
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

SHOULDER HMA SURFACE REMOVAL AT OVERHEAD BRIDGES*

* APPLIES ONLY TO INNER 4-FT OF INSIDE AND OUTSIDE SHOULDER. FOR OUTER 6-FT OF OUTSIDE AND OUTER 2-FT OF INSIDE SHOULDER, MAINTAIN 2" HMA SURFACE REMOVAL AND 2" SURFACE COURSE PLACEMENT SAME AS ELSEWHERE.



SHOULDER HMA OVERLAY AT OVERHEAD BRIDGES*



LOCATION	STATION				DISTANCE "E"
	A	B	C	D	(FT)
NB I-57 SHOULDERS AT CR 200	1564+52	1565+22	1567+22	1567+92	200
SB I-57 SHOULDERS AT CR 200	1564+02	1565+22	1567+22	1568+42	200
NB I-57 SHOULDERS AT CR 400	1440+43	1441+13	1443+13	1443+83	200
SB I-57 SHOULDERS AT CR 400	1440+83	1441+53	1443+53	1444+23	200
NB I-57 SHOULDERS AT CR 700	1280+52	1281+22	1283+22	1283+92	200
SB I-57 SHOULDERS AT CR 700	1280+02	1281+22	1283+22	1284+42	200

MODEL: Default
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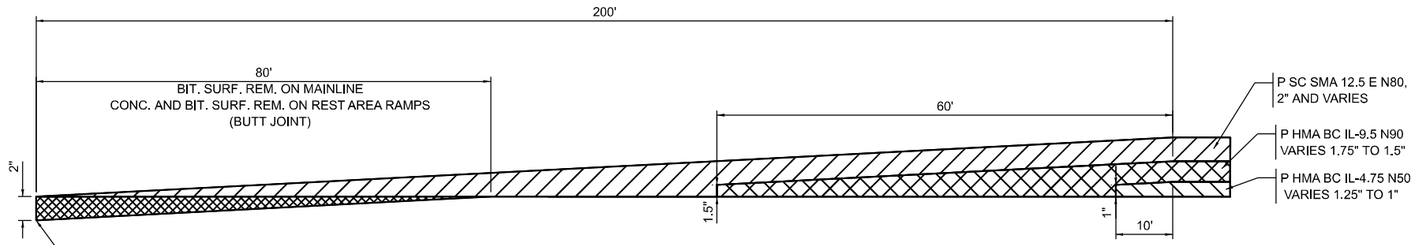
PLOT SCALE = 10.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	170
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

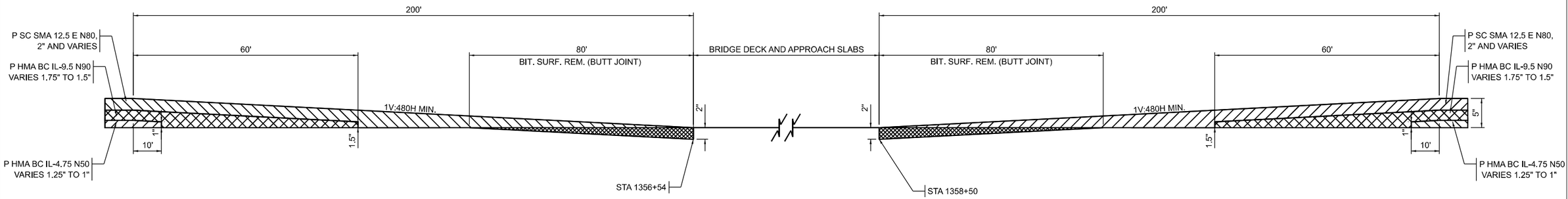


MAINLINE STATIONS:
STA 1356+54 (NORTHBOUND)
STA 1356+54 (SOUTHBOUND)
STA 1358+50 (NORTHBOUND)
STA 1358+50 (SOUTHBOUND)

REST AREA RAMP STATIONS:
STA 7+45 (SB EXIT RAMP)
STA 23+97 (SB ENTRANCE RAMP)
STA 28+04 (NB EXIT RAMP)
STA 11+55 (NB ENTRANCE RAMP)

TAPER DETAIL

NORTHBOUND AND SOUTHBOUND LANES
AND REST AREA RAMPS



TAPER DETAIL

NORTHBOUND AND SOUTHBOUND LANES
AT STRUCTURES SN 038-0222/0223

MODEL: Default
FILE NAME: pw://hansonline.bentley.com:hanson-pw-01/Documents/23Jobs/23H0038_09/CAD/CADSheets/D366H59-sht-rdydetail-005.dgn

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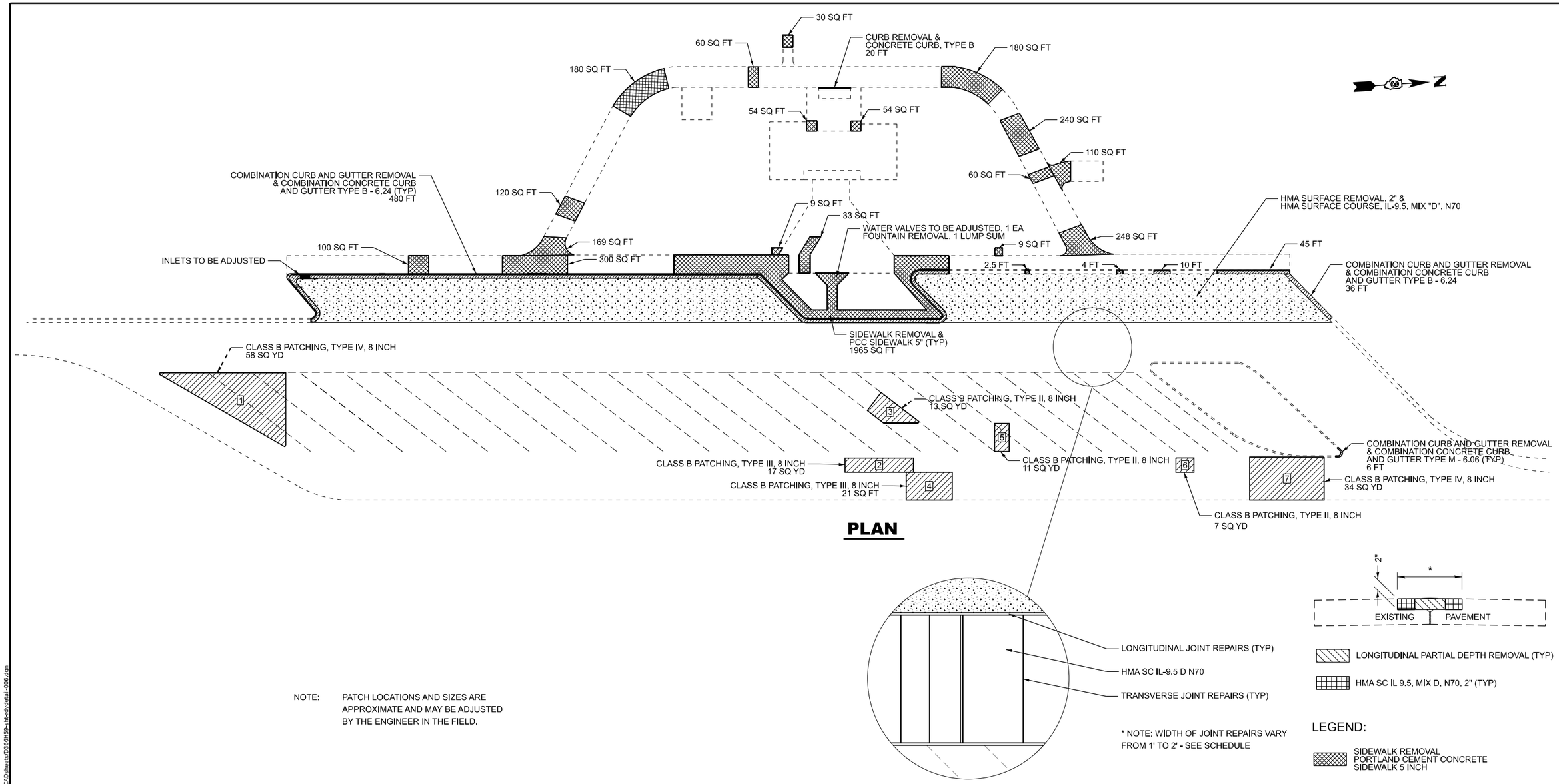
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	171
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

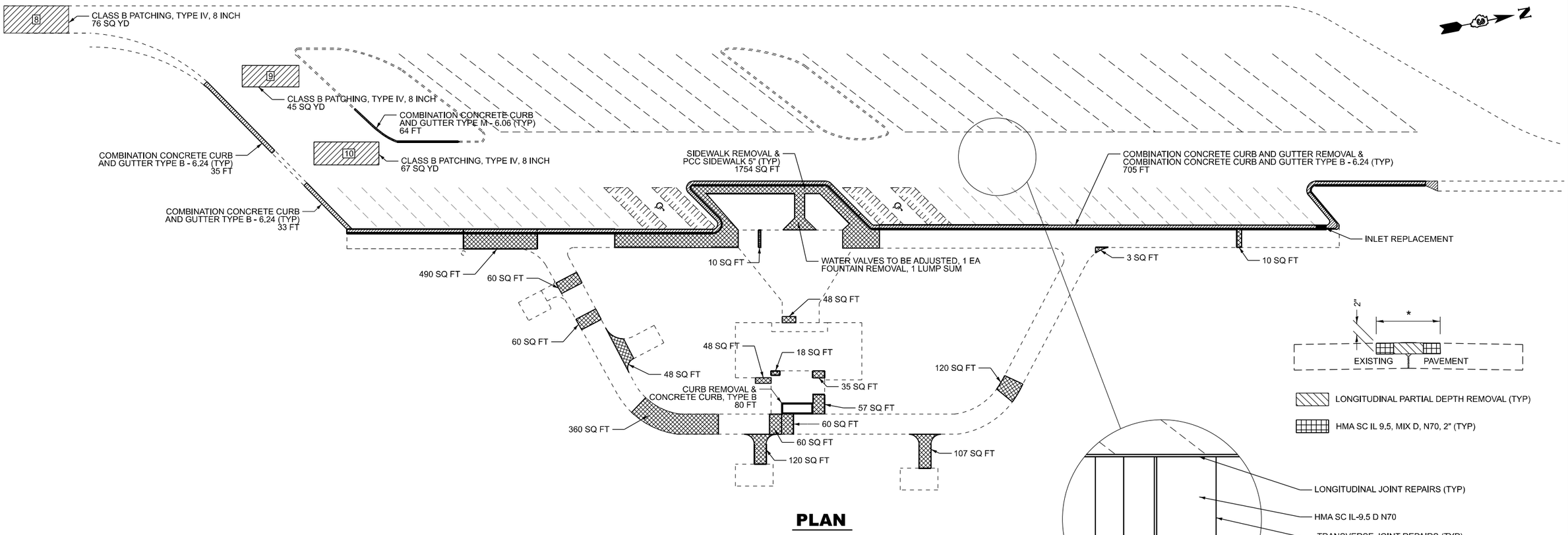


NOTE: PATCH LOCATIONS AND SIZES ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD.

MODEL: Rest Area Detail 1
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-rdydetail-006.dgn

HANSON	USER NAME = hawki02095	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS SOUTHBOUND REST AREA IMPROVEMENTS
		DRAWN - ASH	REVISED -		
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - AAP	REVISED -		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	172
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		



PLAN

NOTE: PATCH LOCATIONS AND SIZES ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD.

* NOTE: WIDTH OF JOINT REPAIRS VARY FROM 1' TO 2' - SEE SCHEDULE

LEGEND:

- SIDEWALK REMOVAL PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL COMBINATION CONCRETE CURB AND GUTTER TYPE B - 6.24 (TYP)
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL COMBINATION CONCRETE CURB AND GUTTER TYPE M - 6.06 (TYP)
- CLASS B PATCHES, 8 INCH (SEE LOCATION FOR TYPE)
- CURB REMOVAL CONCRETE CURB, TYPE B

MODEL: Rest Area Detail 2
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-rdydetail-007.dgn

HANSON

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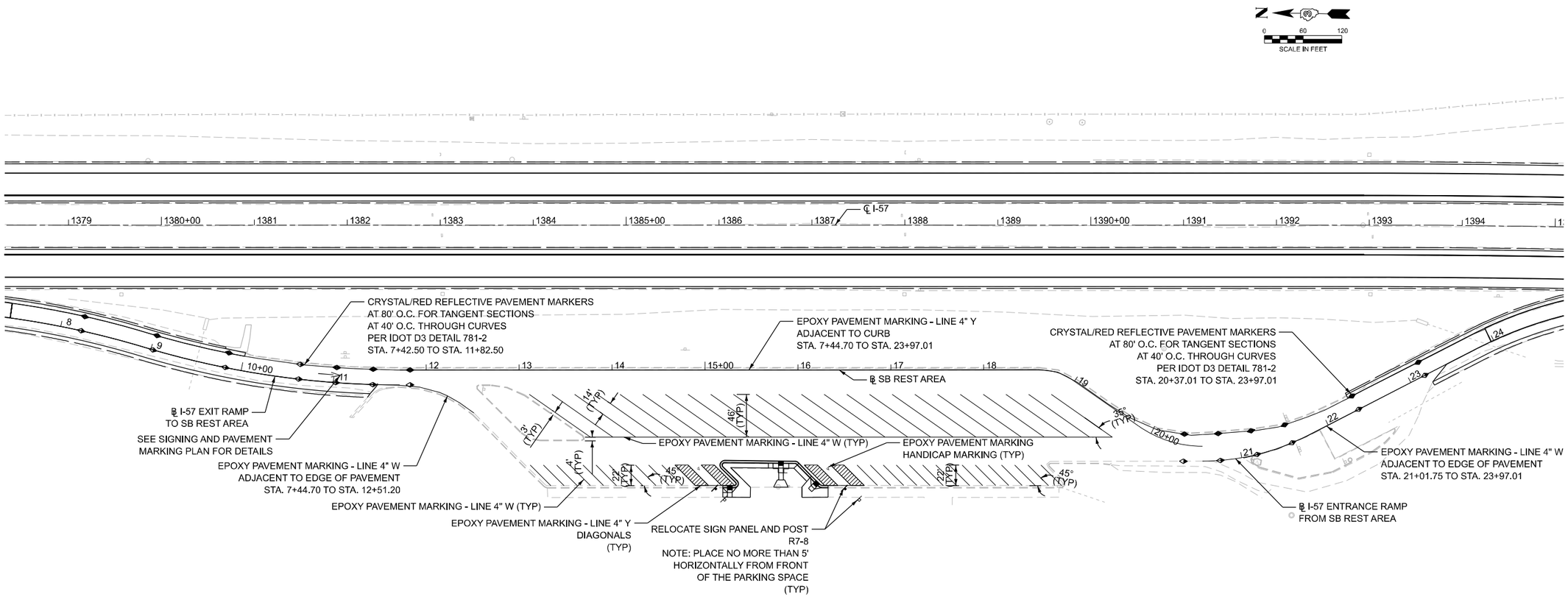
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
NORTHBOUND REST AREA IMPROVEMENTS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	173
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



NOTE: ALL PROPOSED PAVEMENT MARKINGS SHALL BE STRIPED OVER EXISTING PAVEMENT MARKINGS IN ALL AREAS

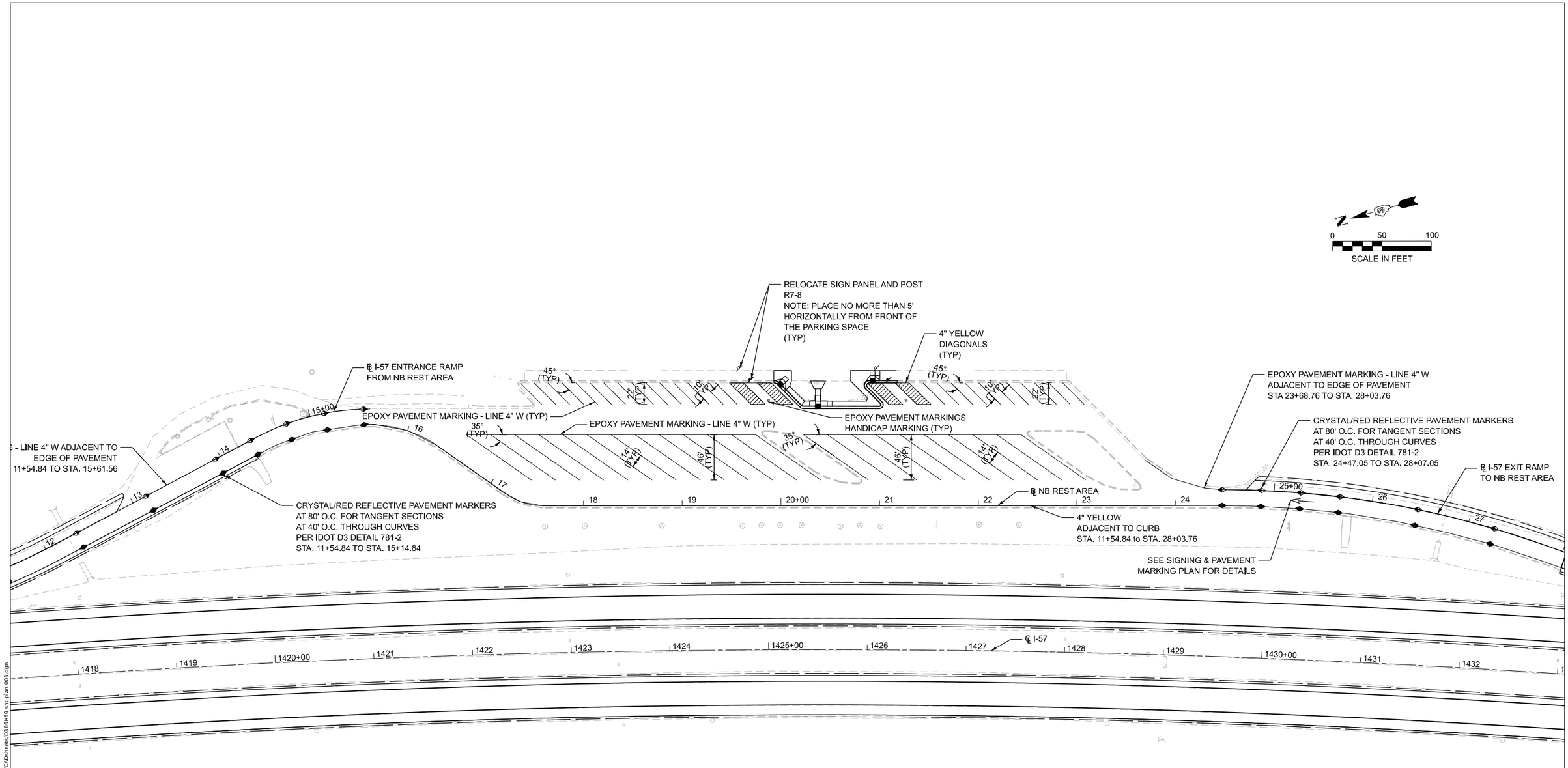
LEGEND

- CRYSTAL/RED MARKER
- AMBER/RED MARKER

MODEL: EXBL_RESTSB-2 - SB REST [Sheet]
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-plan-003.dgn

HANSON	USER NAME = hawki02095	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY DETAILS SOUTHBOUND REST AREA PAVEMENT MARKING DETAIL
		DRAWN - ASH	REVISED -		
	PLOT SCALE = 0.16666633 ' / in.	CHECKED - SCVR-CHECK	REVISED -		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	174
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



NOTE: ALL PROPOSED PAVEMENT MARKINGS SHALL BE STRIPED OVER EXISTING PAVEMENT MARKINGS IN ALL AREAS.

LEGEND

- CRYSTAL/RED MARKER
- AMBER/RED MARKER

MODEL: EXBL_RESTNB-1 - SHEET
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	DRAWN - ASH	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - SCVR-CHECK	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
NORTHBOUND REST AREA PAVEMENT MARKING DETAIL

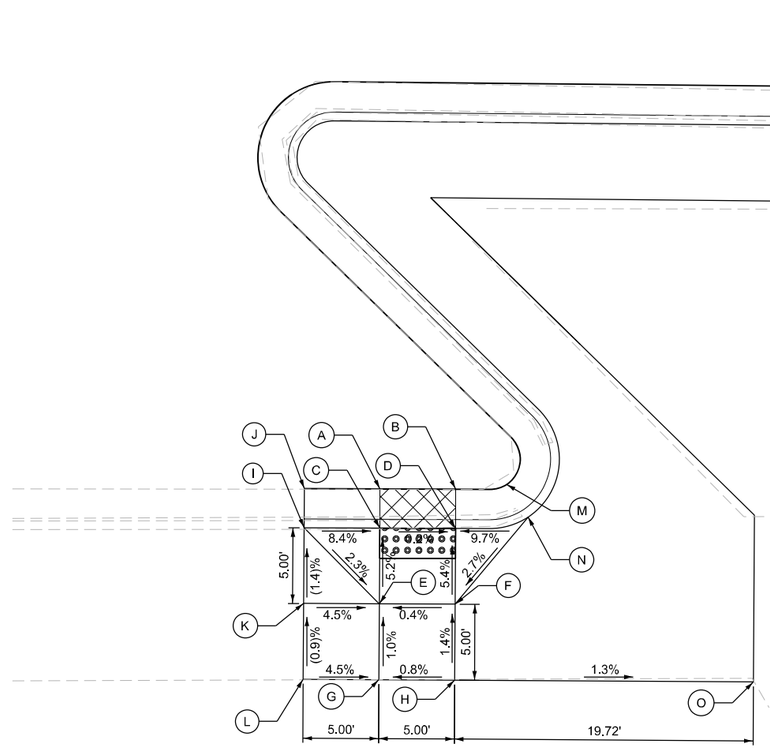
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	175
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

SB REST AREA CENTER RAMP

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
A	1418496.73	1059883.54	(719.73)	(719.73)
B	1418491.72	1059883.57	(719.72)	(719.72)
C	1418496.71	1059880.96	(720.00)	719.67
D	1418491.71	1059880.98	(720.01)	719.66
E	1418496.68	1059875.96	(720.07)	719.73
F	1418491.68	1059875.98	(720.10)	719.72
G	1418502.68	1059875.92	(720.06)	720.18
H	1418502.71	1059880.92	(719.99)	720.11
I	1418502.73	1059883.50	(719.73)	(719.73)
J	1418507.68	1059875.89	(720.05)	720.16
K	1418507.71	1059880.89	(719.98)	720.11
L	1418507.73	1059883.47	(719.73)	(719.73)
M	1418485.68	1059876.02	(720.16)	(720.16)
N	1418485.71	1059881.02	(720.11)	720.11
O	1418485.72	1059883.60	(719.73)	(719.73)
P	1418480.26	1059876.05	(720.12)	(720.12)
Q	1418476.75	1059879.62	(720.07)	720.09

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
R	1418474.94	1059881.46	(719.71)	(719.71)
S	1418496.52	1059870.96	(719.96)	719.96
T	1418491.51	1059870.99	(719.97)	719.91
U	1418496.27	1059863.40	(719.80)	(719.80)
V	1418491.27	1059863.48	(719.78)	(719.78)
W	1418501.76	1059855.40	(719.75)	(719.75)
X	1418486.18	1059855.63	(719.78)	(719.78)



SB REST AREA NW RAMP

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
A	1418551.27	1059856.38	(719.51)	(719.51)
B	1418546.29	1059856.44	(719.52)	(719.52)
C	1418551.25	1059853.80	(719.89)	719.45
D	1418546.25	1059853.85	(719.86)	719.46
E	1418551.20	1059848.81	(719.94)	719.71
F	1418546.20	1059848.86	(719.93)	719.73
G	1418551.15	1059843.80	(720.01)	719.76
H	1418546.15	1059843.85	(720.04)	719.80
I	1418556.25	1059853.74	(719.89)	719.87
J	1418556.28	1059856.32	(719.49)	(719.49)
K	1418556.20	1059848.76	(719.94)	(719.94)
L	1418556.15	1059843.75	(719.98)	(719.98)
M	1418542.93	1059856.81	(719.84)	719.55
N	1418541.48	1059854.68	(719.71)	719.93
O	1418526.43	1059844.04	(719.55)	(719.55)

SB REST AREA SW RAMP

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
A	1418456.15	1059863.08	(719.56)	(719.56)
B	1418452.55	1059859.61	(719.54)	(719.54)
C	1418457.94	1059861.23	(719.77)	719.50
D	1418454.35	1059857.75	(719.61)	719.48
E	1418461.40	1059857.65	(719.72)	719.85
F	1418457.80	1059854.17	(719.79)	719.83
G	1418464.18	1059854.77	(719.81)	719.90
H	1418460.58	1059851.30	(719.92)	719.88
I	1418461.88	1059865.03	(719.94)	719.97
J	1418460.08	1059866.88	(719.59)	(719.59)
K	1418466.12	1059862.17	(719.91)	(719.91)
L	1418462.96	1059866.07	(719.97)	719.98
M	1418461.16	1059867.93	(719.60)	(719.60)
N	1418471.12	1059856.00	(719.83)	(719.83)
O	1418470.93	1059844.96	(720.14)	(720.14)
P	1418459.17	1059845.17	(720.14)	(720.14)
Q	1418442.93	1059845.45	(720.03)	(720.03)

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
R	1418443.11	1059855.45	(719.83)	(719.83)
S	1418443.15	1059858.03	(719.49)	(719.49)
T	1418450.15	1059855.47	(719.66)	719.89
U	1418449.69	1059858.01	(719.54)	719.51

LEGEND

- DETECTABLE WARNINGS
- DEPRESSED CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB (PAID FOR WITH PCC SIDEWALK)

HANSON

USER NAME = hawkl02095		DESIGNED - ASH		REVISED -	
		DRAWN - ASH		REVISED -	
PLOT SCALE = 0.16666633 ' / in.		CHECKED - AAP		REVISED -	
PLOT DATE = 3/7/2025		DATE - 02/26/25		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
SOUTHBOUND REST AREA ADA DESIGN

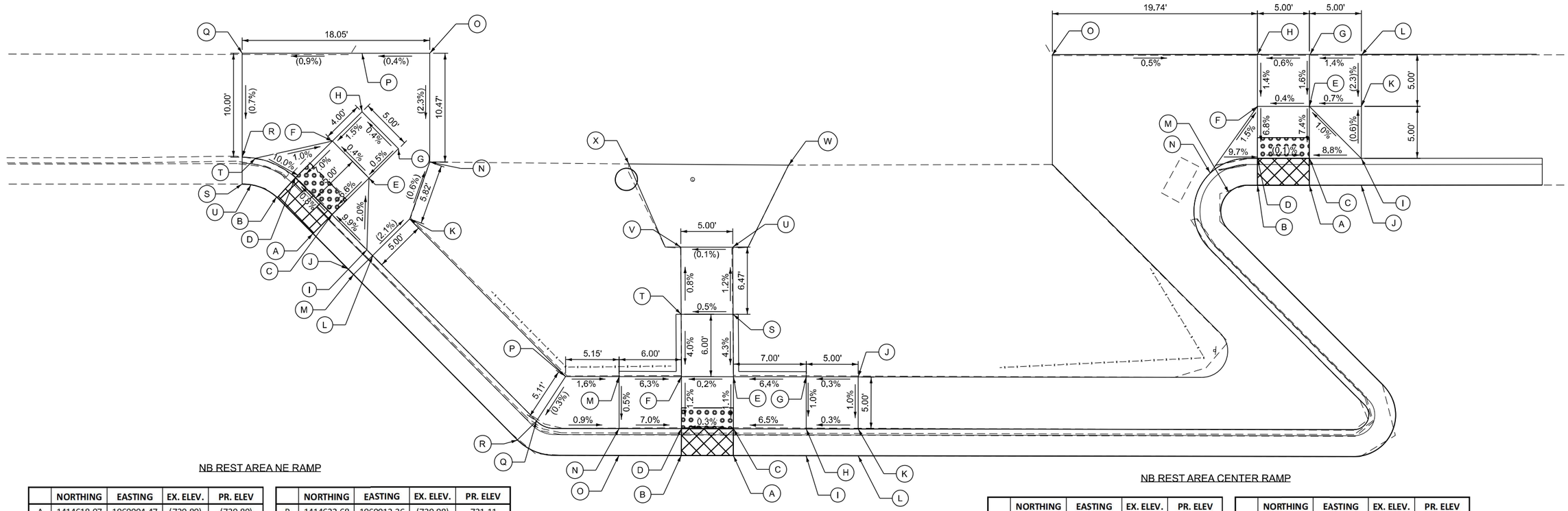
SCALE: 1"=5' | SHEET OF SHEETS | STA. 15+00.00 | TO STA. 16+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	176
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

MODEL: Ex&L_RESTS>2 - SB Rest Area ADA Ramps [Sheet]
FILE NAME: pw://hansonin-cpw.bentley.com:hansonpw-01:Documents\23jobs\23H0038_09\CAD\CADSheets\D36H59>Int-ADA-001.dgn

NB REST AREA SE RAMP

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
A	1414524.40	1059983.51	(731.04)	(731.04)
B	1414529.23	1059984.84	(731.05)	(731.05)
C	1414523.72	1059986.00	(730.29)	730.98
D	1414528.54	1059987.33	(731.29)	730.99
E	1414522.39	1059990.82	(731.39)	731.35
F	1414527.21	1059992.15	(731.40)	731.33
G	1414521.06	1059995.64	(731.51)	731.43
H	1414525.88	1059996.97	(731.52)	731.40
I	1414518.91	1059984.68	(731.30)	731.42
J	1414519.60	1059982.19	(731.04)	(731.04)
K	1414517.57	1059989.50	(731.39)	(731.39)
L	1414516.24	1059994.32	(731.50)	(731.50)
M	1414532.06	1059984.90	(731.07)	(731.07)
N	1414533.29	1059987.17	(731.16)	731.45
O	1414544.92	1060002.19	(731.50)	(731.50)



NB REST AREA NE RAMP

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
A	1414618.07	1060004.47	(730.80)	(730.80)
B	1414620.46	1060008.71	(730.76)	(730.76)
C	1414615.81	1060005.73	(730.79)	730.74
D	1414618.27	1060010.09	(730.73)	730.70
E	1414611.46	1060008.18	(730.91)	731.07
F	1414613.91	1060012.54	(730.92)	731.05
G	1414607.97	1060010.14	(731.04)	731.09
H	1414610.42	1060014.50	(731.08)	731.11
I	1414613.48	1060001.58	(730.90)	731.21
J	1414615.73	1060000.31	(730.83)	(730.83)
K	1414608.74	1060003.35	(731.11)	(731.11)
L	1414613.10	1060000.90	(730.93)	731.22
M	1414615.35	1059999.63	(730.84)	(730.84)
N	1414605.40	1060008.12	(731.07)	(731.07)
O	1414602.62	1060018.22	(731.31)	(731.31)
P	1414608.92	1060019.95	(731.29)	(731.29)
Q	1414620.03	1060023.00	(731.18)	(731.18)

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
R	1414622.68	1060013.36	(730.98)	731.11
S	1414623.37	1060010.87	(730.73)	(730.73)
T	1414621.47	1060012.91	(730.91)	731.13
U	1414622.57	1060010.58	(730.75)	(730.75)
V	1414605.06	1060009.34	(731.10)	(731.10)

LEGEND

- DETECTABLE WARNINGS
- DEPRESSED CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB (PAID FOR WITH PCC SIDEWALK)

NB REST AREA CENTER RAMP

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
A	1414584.74	1059973.14	(731.10)	(731.10)
B	1414589.56	1059974.48	(731.09)	(731.09)
C	1414584.05	1059975.63	(731.53)	731.04
D	1414588.87	1059976.97	(731.52)	731.03
E	1414582.72	1059980.45	(731.43)	731.10
F	1414587.54	1059981.78	(731.41)	731.09
G	1414575.97	1059978.58	(731.46)	731.55
H	1414577.31	1059973.77	(731.55)	731.50
I	1414577.99	1059971.28	(731.12)	(731.12)
J	1414571.15	1059977.25	(731.48)	731.57
K	1414572.49	1059972.43	(731.56)	731.52
L	1414573.18	1059969.94	(731.14)	(731.14)
M	1414593.32	1059983.38	(731.40)	731.47
N	1414594.65	1059978.57	(731.53)	731.45
O	1414595.34	1059976.08	(731.07)	(731.07)
P	1414598.28	1059984.76	(731.39)	(731.39)
Q	1414602.11	1059981.37	(731.54)	731.38

	NORTHING	EASTING	EX. ELEV.	PR. ELEV
R	1414604.37	1059980.10	(731.00)	(731.00)
S	1414581.16	1059986.24	(731.36)	731.36
T	1414585.98	1059987.58	(731.34)	731.34
U	1414579.48	1059992.49	(731.28)	(731.28)
V	1414584.30	1059993.82	(731.28)	(731.28)
W	1414572.20	1059998.67	(731.22)	(731.22)
X	1414586.98	1060002.86	(731.13)	(731.13)

HANSON

USER NAME	= hawkl02095	DESIGNED	- ASH	REVISED	-
		DRAWN	- ASH	REVISED	-
PLOT SCALE	= 0.16666633 ' / in.	CHECKED	- AAP	REVISED	-
PLOT DATE	= 3/7/2025	DATE	- 02/26/25	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
NORTHBOUND REST AREA ADA DESIGN

SCALE: 1"=5' | SHEET OF SHEETS | STA. 19+70.00 | TO STA. 21+20.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	177
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

MODEL: EXBL_RESTNB>2 - NB Rest Area Ramps [Sheet]
FILE NAME: pw://hansonlnc-pw.bentley.com:hansonpw-01.Documents\23jobs\23H0038_09\CAD\CADSheets\D36H59-int-ADA-002.dgn

SIGN DETAIL
1:50



Panel Style: guide_con_cardinal_blu_2012.ssi
M.U.T.C.D.:: 2009 Edition

SIGN NUMBER	RA Arrow
WIDTH x HGHT.	138" x 78"
BORDER WIDTH	1.25"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Blue
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type D	315	97.86	27.36	21.59	32.39

Panel Style: guide_con_cardinal_blu_2012.ssi
Dimensions are in US Survey Inches (")
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

R	E	S	T																	LENGTH	SERIES/SIZE
18.8	35.12	49.84	65.2																	58.24	EM 2000 16
A	R	E	A																		
15.4	34.44	50.76	64.36																	65.12	EM 2000 16

SIGN DETAIL
1:50



Panel Style: guide_con_cardinal_blu_2012.ssi
M.U.T.C.D.:: 2009 Edition

SIGN NUMBER	RA 1 Mile
WIDTH x HGHT.	126" x 60"
BORDER WIDTH	1.25"
CORNER RADIUS	6"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Blue
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_con_cardinal_blu_2012.ssi
Dimensions are in US Survey Inches (")
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

R	E	S	T		A	R	E	A													LENGTH	SERIES/SIZE
10.75	22.99	34.03	45.54	54.42	66.41	80.69	92.93	103.13													104.5	EM 2000 12
1	M	I	L	E																		
43.85	54.35	66.35	70.75	79.95																	43.6	E 2000 15.10

SIGN DETAIL
1:50



Panel Style: guide_con_cardinal_blu_2012.ssi
M.U.T.C.D.:: 2009 Edition

SIGN NUMBER	RA NR Vend
WIDTH x HGHT.	138" x 78"
BORDER WIDTH	1.25"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Blue
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_con_cardinal_blu_2012.ssi
Dimensions are in US Survey Inches (")
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

R	E	S	T		A	R	E	A													LENGTH	SERIES/SIZE
16.7	28.94	39.98	51.5	60.38	72.38	86.66	98.9	109.1													104.52	EM 2000 12
N	E	X	T		R	I	G	H	T													
15.4	28.48	39.04	50.8	59.68	71.68	83.92	89.2	101.8	113.68												107.16	EM 2000 12
V	E	N	D	I	N	G		M	A	C	H	I	N	E	S							
8.2	17	24.6	33.32	41.72	45.56	53.96	60.44	68.44	77.32	86.52	94.76	103.48	107.32	116.04	123.4						121.68	EM 2000 8

SIGN DETAIL
1:50



Panel Style: _guide_exp_advance_a_R9.ssi
M.U.T.C.D.:: 2009 Edition

SIGN NUMBER	Exit 272
WIDTH x HGHT.	132" x 132"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: _guide_exp_advance_a_R9.ssi
Dimensions are in US Survey Inches (")
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

E	X	I	T																		LENGTH	SERIES/SIZE
29.7	38.88	49.98	53.82																		31.62	E 2000 10
2	7	2																				
74.85	88.65	103.35																			40.65	E 2000 15
B	u	c	k	l	e	y																
16.2	33.65	49.19	64.72	80.26	88.43	102.2															99.6	EM 2000 16'12
R	o	b	e	r	t	s																
19.2	35.04	50.88	64.96	80.48	90.72	102.4															93.76	EM 2000 16'12
1	M	I	L	E																		
34.44	57.84	72.24	77.52	88.56																	63.12	E 2000 18.12

MODEL: Default
FILE NAME: pw://hanscnlin-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_29/CAD/CADsheets/KEG Sheets/D66H59-sh-SIGN-det-c01.dgn

Kaskaskia Engineering Group, LLC
200 E. Main St., Suite 300
Belleville, Illinois 62220
618.233.8877 phone
618.233.8975 fax
www.kaskaskia-eng.com
Illinois Professional Design Firm
Professional Engineering Group

USER NAME = hawkl02095	DESIGNED - SW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN DETAILS	
	DRAWN - SW	REVISED -			
PLOT SCALE = 10.000 ' / In.	CHECKED - RJB	REVISED -			
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	178
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

SIGN DETAIL
1:50



SIGN NUMBER	distance
WIDTH x HGHT.	198.01" x 84.01"
BORDER WIDTH	1.5"
CORNER RADIUS	9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: _guide_exp_advance_a_R9.ssi
Dimensions are in US Survey Inches (")
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

P	a	x	t	o	n																LENGTH	SERIES/SIZE
11	23.77	36.66	50.09	60.06	73.22																71	EM 2000 13.39.98
7																						EM 2000
176.23																					10.77	13.3
C	h	a	m	p	a	i	g	n														EM 2000
11	25.55	38.48	52.6	72.61	84.35	98.47	105.24	119.36													117.2	13.410.05
3	6																					EM 2000
163.11	176.15																				23.9	13.4
M	e	m	p	h	i	s																EM 2000
11	26.71	39.64	59.62	72.55	86.68	93.22															91	13.39.98
4	4	8																				EM 2000
147.01	161.24	176.23																			40	13.3

SIGN DETAIL
1:50



SIGN NUMBER	Iroquis County
WIDTH x HGHT.	99.35" x 62.6"
BORDER WIDTH	1.5"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

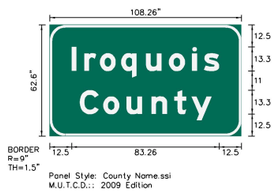
SYMBOL	ROT	X	Y	WID	HT

Panel Style: County Name.ssi
Dimensions are in US Survey Inches (")
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

F	o	r	d																		LENGTH	SERIES/SIZE
28.26	40.5	53.66	62.31																		42.83	13.39.98
C	o	u	n	t	y																	EM 2000
12.5	25.8	38.97	53.07	65.83	75.54																74.35	13.39.98

SIGN DETAIL
1:50



SIGN NUMBER	Iroquis County
WIDTH x HGHT.	108.26" x 62.6"
BORDER WIDTH	1.5"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: County Name.ssi
Dimensions are in US Survey Inches (")
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

I	r	o	q	u	o	i	s														LENGTH	SERIES/SIZE
12.5	19.68	28.33	40.3	54.4	67.3	80.46	86.98														83.26	13.39.98
C	o	u	n	t	y																	EM 2000
16.96	30.26	43.42	57.52	70.29	80																74.35	13.39.98

MODEL: Default
FILE NAME: pw://hanscroinc-pw.bentley.com:hanson-pw02/Documents/23jobs/23H0038_39/CAD/CADsheets/KEG Sheets/D36H59-sht-SGN-det-002.dgn

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200 E. Main St., Suite 300, Belleville, Illinois 62220
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AUTHORIZATION NO. Illinois Professional Engineering Group 28-0000566

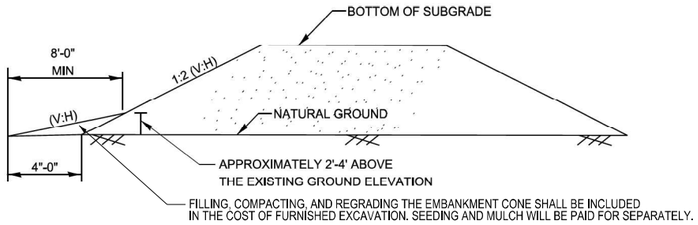
USER NAME	= hawki02095	DESIGNED	- SW	REVISED	-
		DRAWN	- SW	REVISED	-
PLOT SCALE	= 10.000 ' / In.	CHECKED	- RJB	REVISED	-
PLOT DATE	= 3/7/2025	DATE	- 02/26/25	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

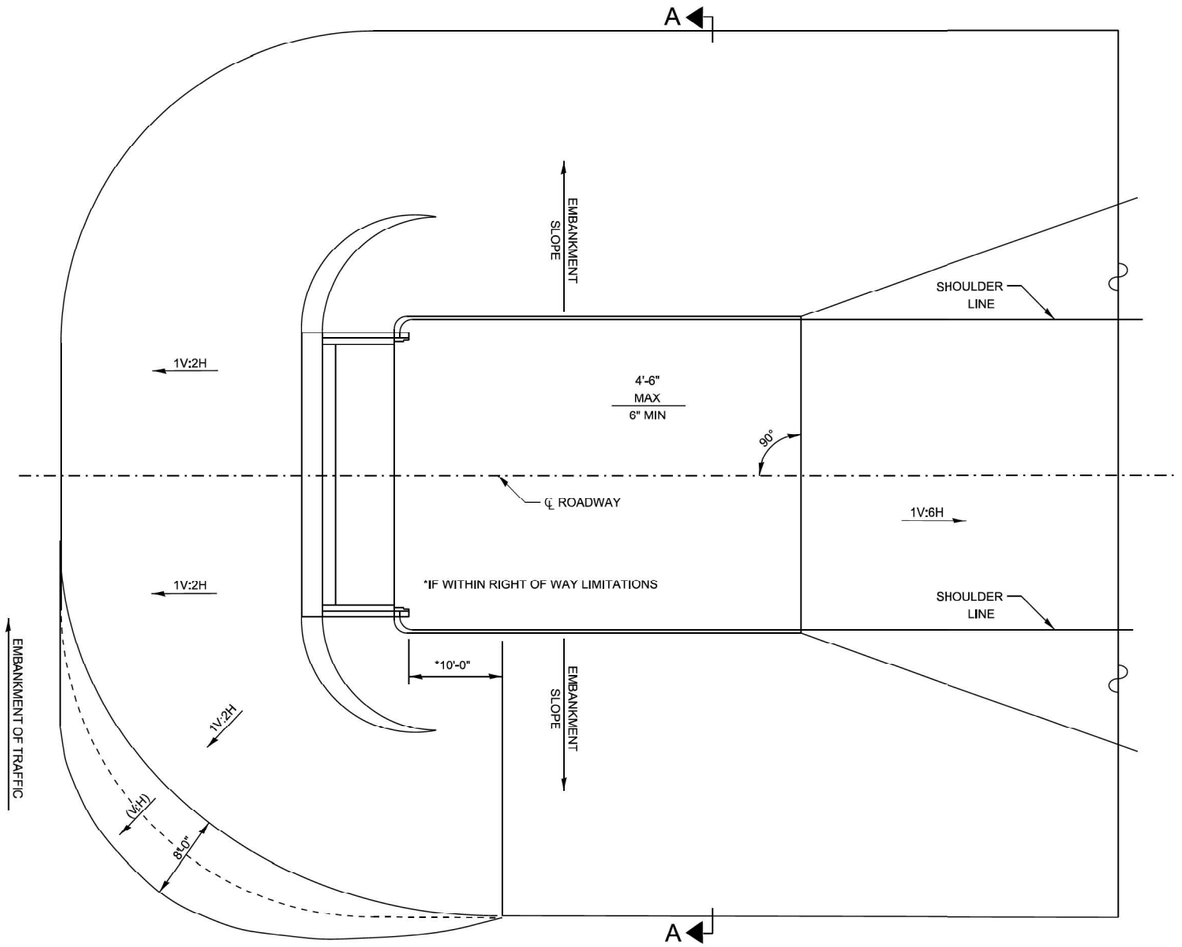
SIGN DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	179
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



SECTION A-A



NOTES:

- APPLIES TO STRAIGHT OR SKEWED SINGLE STRUCTURES.
- UNDER RESTRICTIVE CONDITIONS, A 1:4 CAN BE USED FOR ANY FACILITY TYPE. SEE FIGURES 3.14.1-1 AND 3.14.1-2 OF THE BRIDGE MANUAL. DUE TO EXISTING CONDITIONS, 1:4 USED FOR PLAN QUANTITIES.
- PER BDE 38-4.C, THE RECOMMENDED TRANSVERSE SLOPES ARE AS FOLLOWES.

TYPE OF FACILITY	DESIRABLE (V:H)	ACCEPTABLE (V:H)
FREEWAYS	1:10	1:6
RURAL NON-FREEWAYS*	1:10	1:6
URBAN NON-FREEWAYS*	1:6	1:4
URBAN NON-FREEWAYS**	1:6	1:4

* DESIGN SPEED (V) GREATER THAN OR EQUAL TO 50 MPH.
** DESIGN SPEED (V) LESS THAN OR EQUAL TO 45 MPH.

EMBANKMENT CONE DETAIL

205-5

MODEL: 205-5
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON

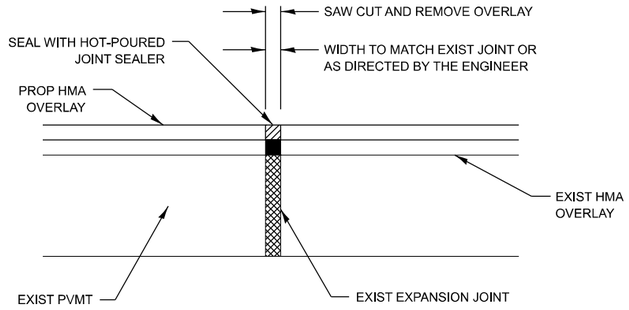
USER NAME = hawki02095	DESIGNED - BWT	REVISED -	
	DRAWN - BWT	REVISED -	
PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 3 DETAILS
EMBANKMENT CONE DETAIL

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	180
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

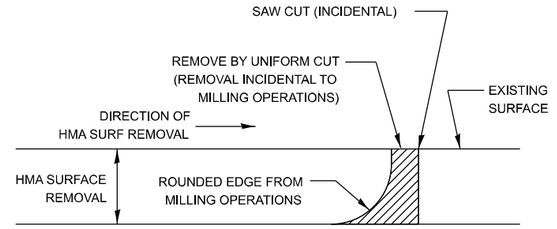


EXPANSION JOINT REHABILITATION DETAIL

GENERAL NOTES:

1. THE NEW HMA OVERLAY SHALL BE SAWED, REMOVED AND THE JOINT AREA CLEANED. PRIOR TO PLACING THE HOT-POURED JOINT SEALER, THE JOINT SHALL BE BLOWN OUT WITH COMPRESSED AIR.

2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR EXPANSION JOINT REHABILITATION.



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: 406-8
FILE NAME: pw://hansonlm-pw.bentley.com:hanson-pw-01/Documents/23H0038_09/CAD/CADsheets/D366459-sht-D3Standards

HANSON™

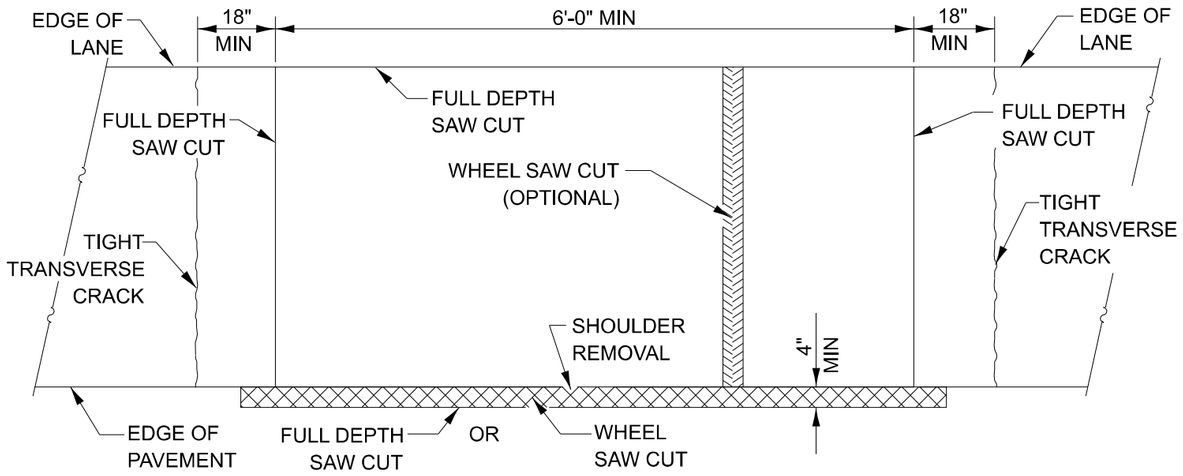
USER NAME = hawki02095	DESIGNED - BWT	REVISED -	
	DRAWN - BWT	REVISED -	
PLOT SCALE = 100.000 ' / In.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

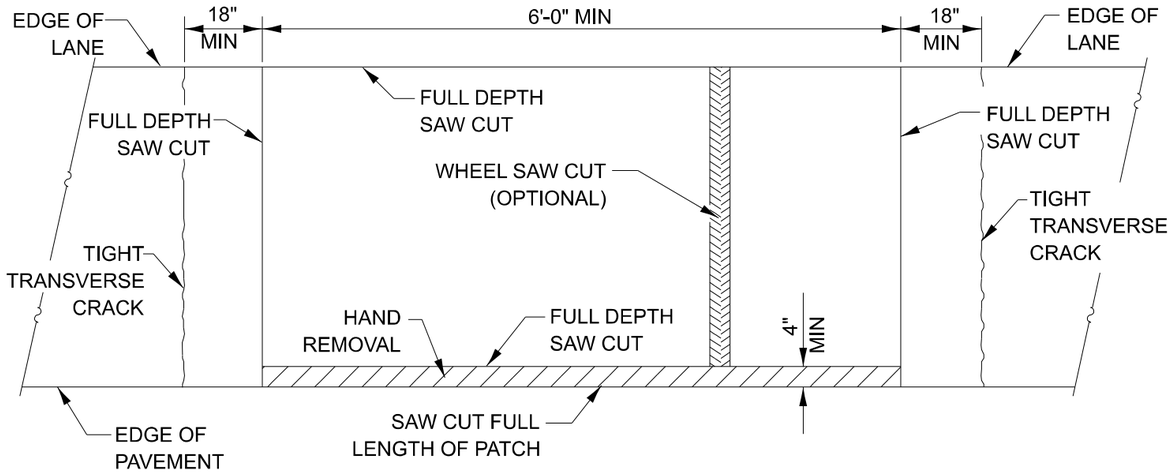
DISTRICT 3 DETAILS
JOINT DETAIL

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

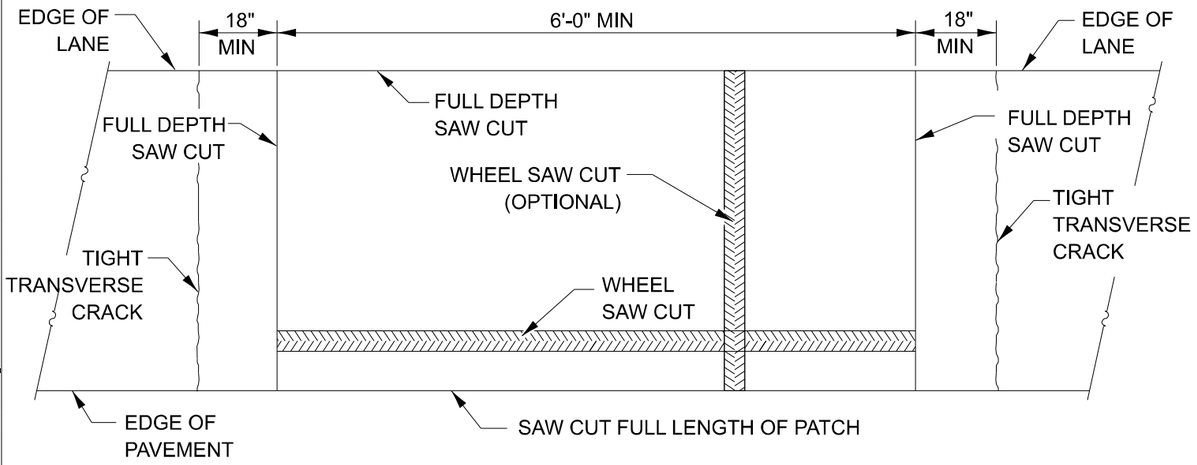
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	181
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



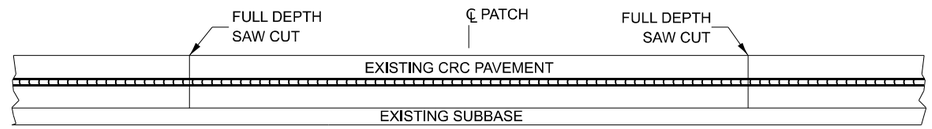
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



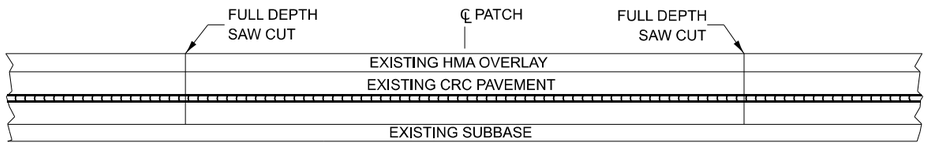
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



ALTERNATE SAWING DETAIL
(PCC SHOULDER)



EXISTING PAVEMENT WITHOUT HMA SURFACE



EXISTING PAVEMENT WITH HMA SURFACE

PAVEMENT SAWING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)

442-2

SHEET 1 OF 3

MODEL: 442-2 - Part 1
FILE NAME: pw://hansonlinkpw.bentley.com:hanson-pw01/Documents/23Jobs/23H0038_09/CAD/CADSheets/D366H59-sht-03Standards

HANSON

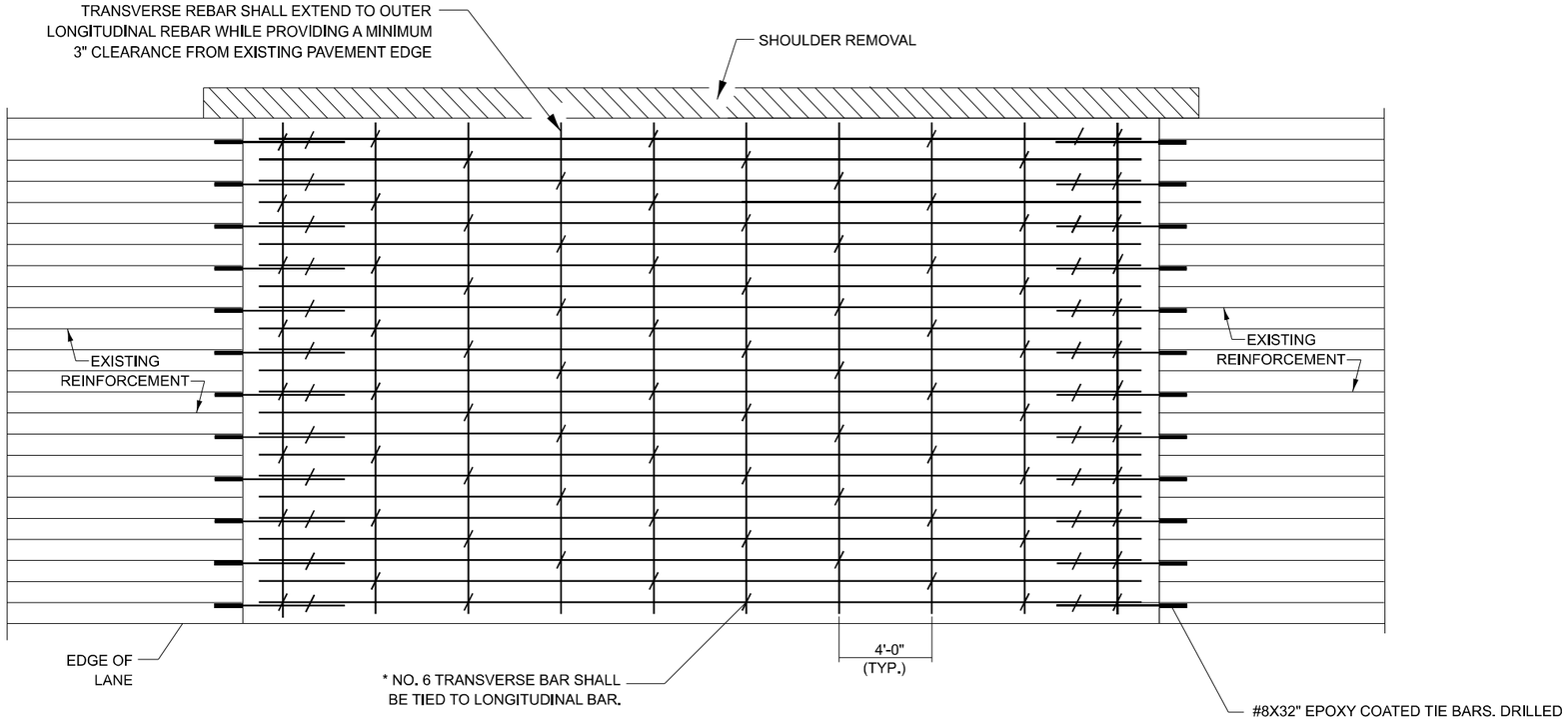
USER NAME = hawki02095	DESIGNED - BWT	REVISED -	
	DRAWN - BWT	REVISED -	
PLOT SCALE = 100.000 ' / In.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

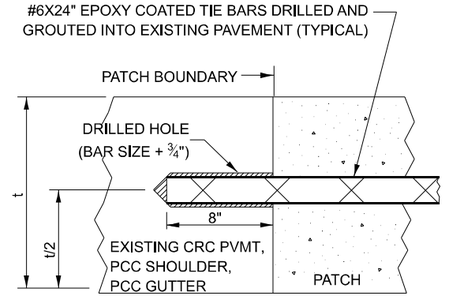
DISTRICT 3 DETAILS
CLASS A PATCHING DETAIL (1 OF 3)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	182
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

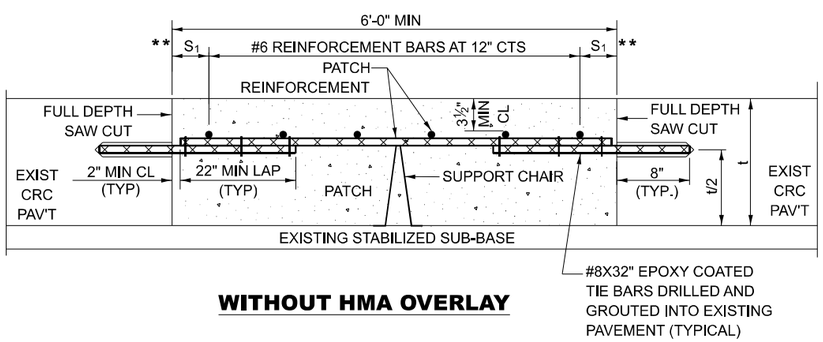


PAVEMENT REINFORCEMENT DETAIL

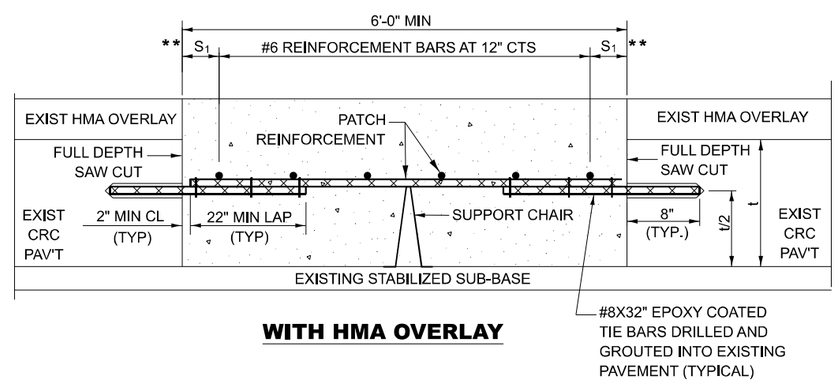


LONGITUDINAL CONSTRUCTION JOINT

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



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

PATCHING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)

NOTES:

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

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

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

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

** VARIABLE: WHERE S_1 IS 2½" MIN. AND 12" MAX.

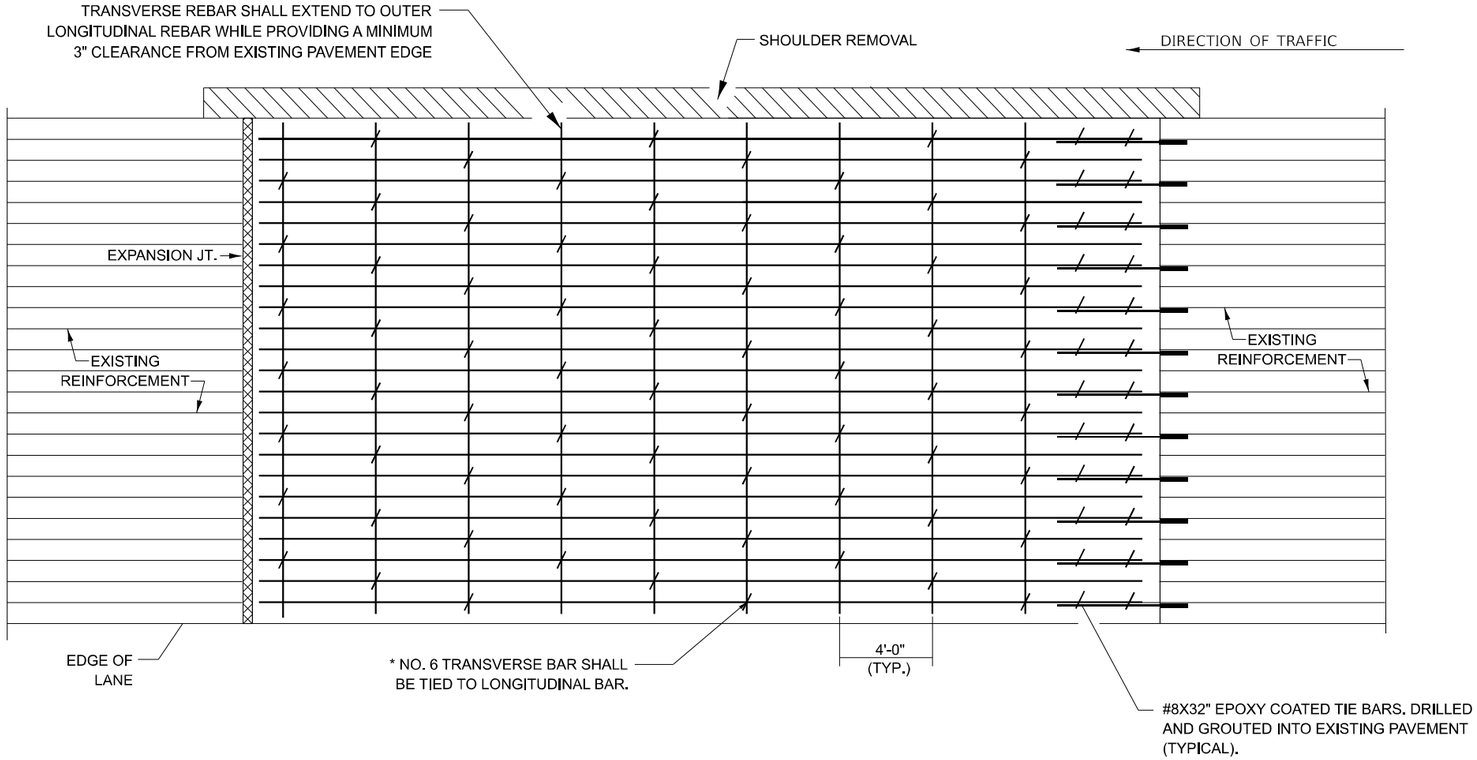
442-2

SHEET 2 OF 3

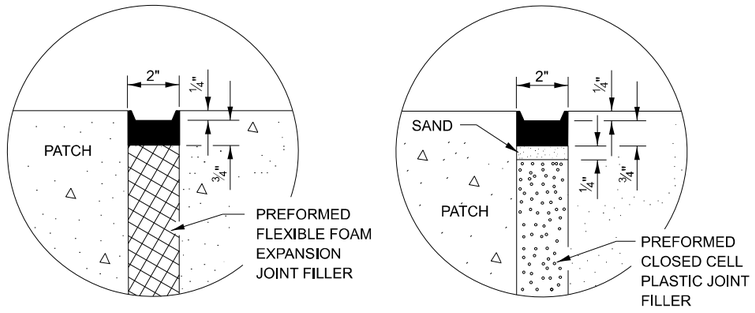
MODEL: 442-2 - Part 2
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON	USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS CLASS A PATCHING DETAIL (2 OF 3)	F.A.I. RTE. 57	SECTION (38-9, 38-8, 38-7) RS, RA, BRR	COUNTY IROQUOIS	TOTAL SHEETS 194	SHEET NO. 183
		DRAWN - BWT	REVISED -					CONTRACT NO. 66H59		
	PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -							
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

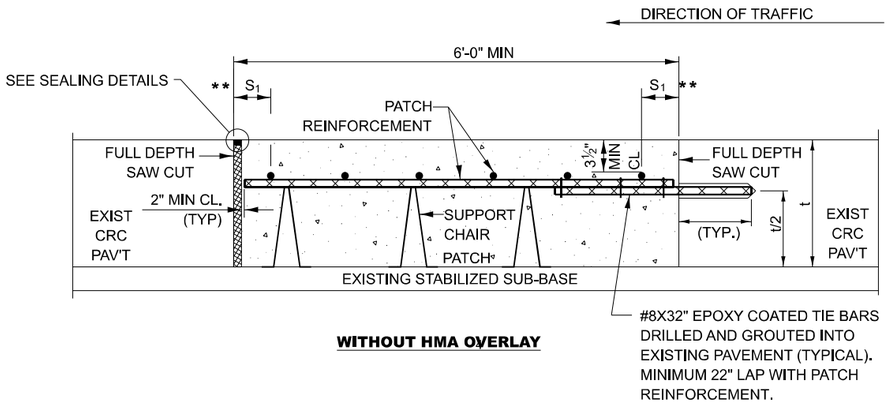
TRANSVERSE EXPANSION JOINTS



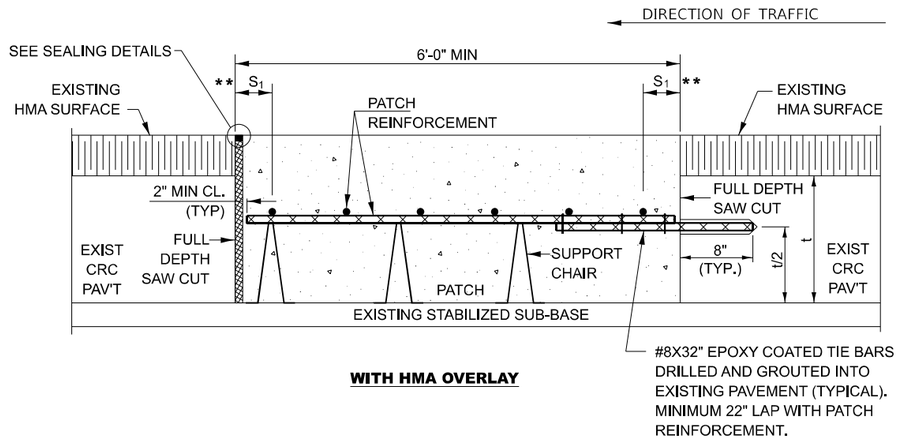
PAVEMENT REINFORCEMENT DETAIL



SEALING DETAILS



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

CLASS A PATCH WITH EXPANSION JOINT

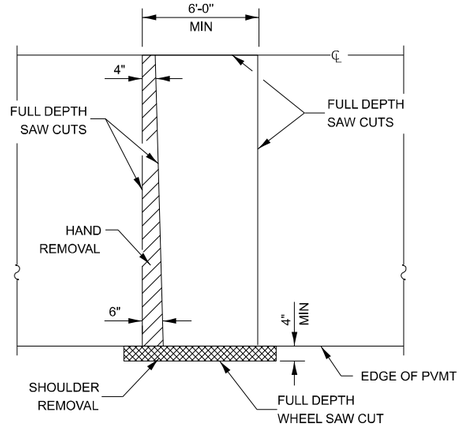
442-2

SHEET 3 OF 3

MODEL: 442-2 - Part 3
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

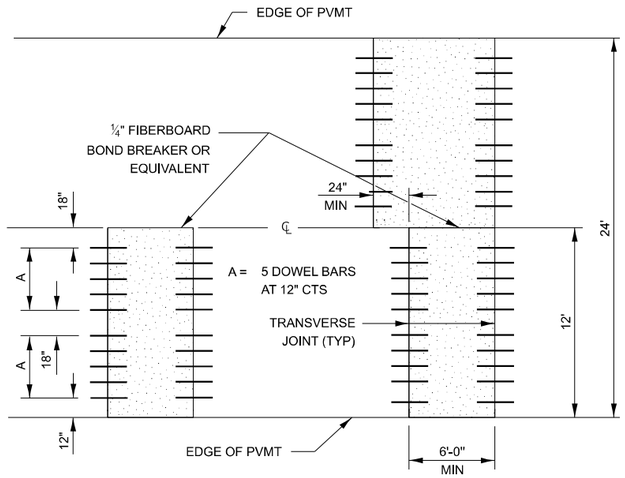
HANSON	USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS CLASS A PATCHING DETAIL (3 OF 3)
		DRAWN - BWT	REVISED -		
	PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	184
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		

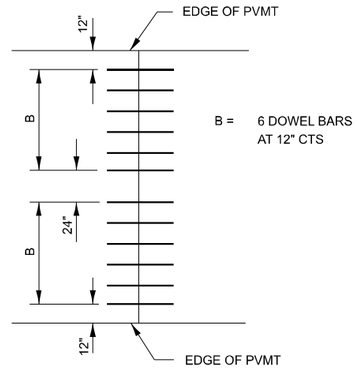


PAVEMENT SAWING DETAIL

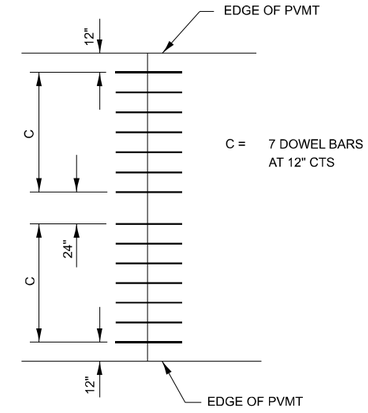
(HMA SHOULDER)



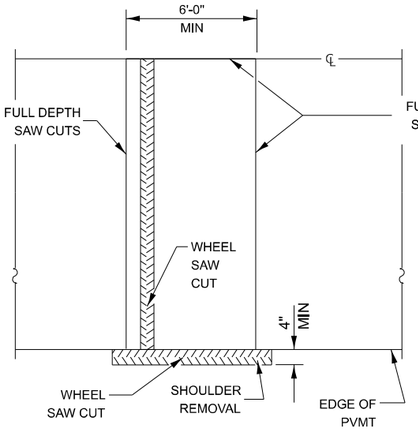
12' WIDE LANES



14' WIDE RAMP

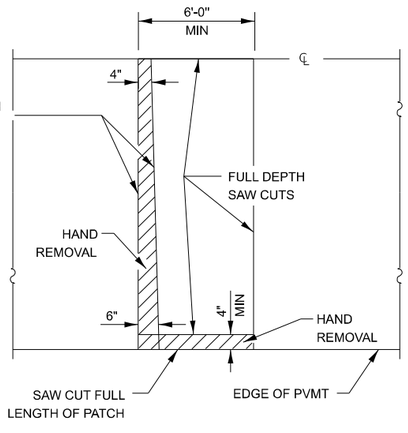


16' WIDE RAMP



ALTERNATE SAWING DETAIL

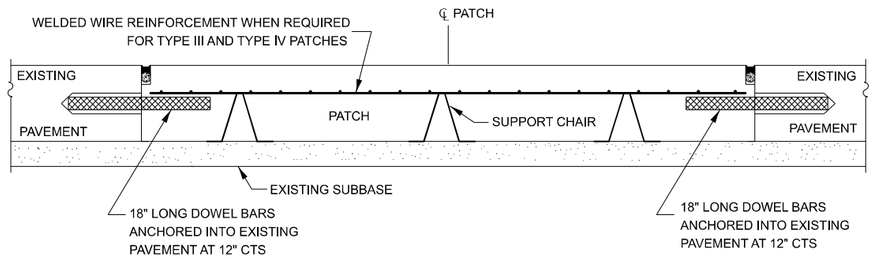
(HMA SHOULDER)



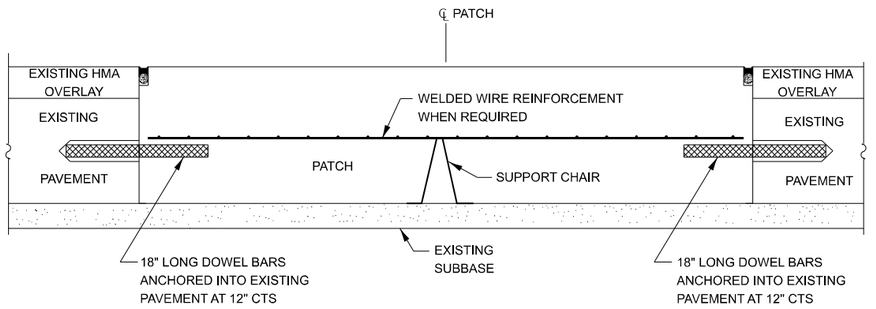
PAVEMENT SAWING DETAIL

(PCC SHOULDER)

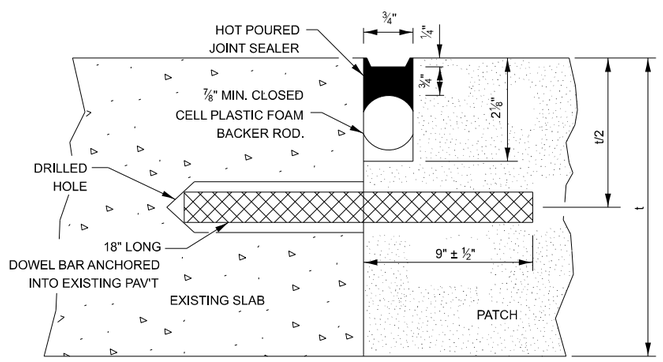
PER DISTRICT DIRECTION, FOR THE CLASS B PATCHES WITHIN THE REST AREAS, REPLACE THE DOWEL BARS SHOWN ON THIS DETAIL WITH #8 TIE BARS ON ALL SIDES AT 18" CENTERS



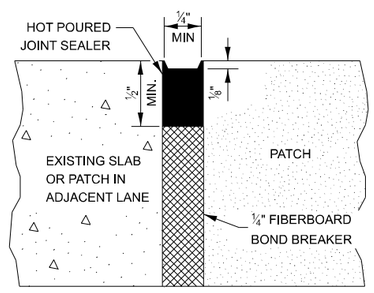
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
10" OR GREATER	1½"	1⅝"
8" THRU 9.99"	1¼"	1⅜"
LESS THAN 8"	1"	1⅛"

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

#8 TIE BARS AT 18" CTRS WILL BE USED IN PLACE OF DOWEL BARS

442-3

SHEET 1 OF 2

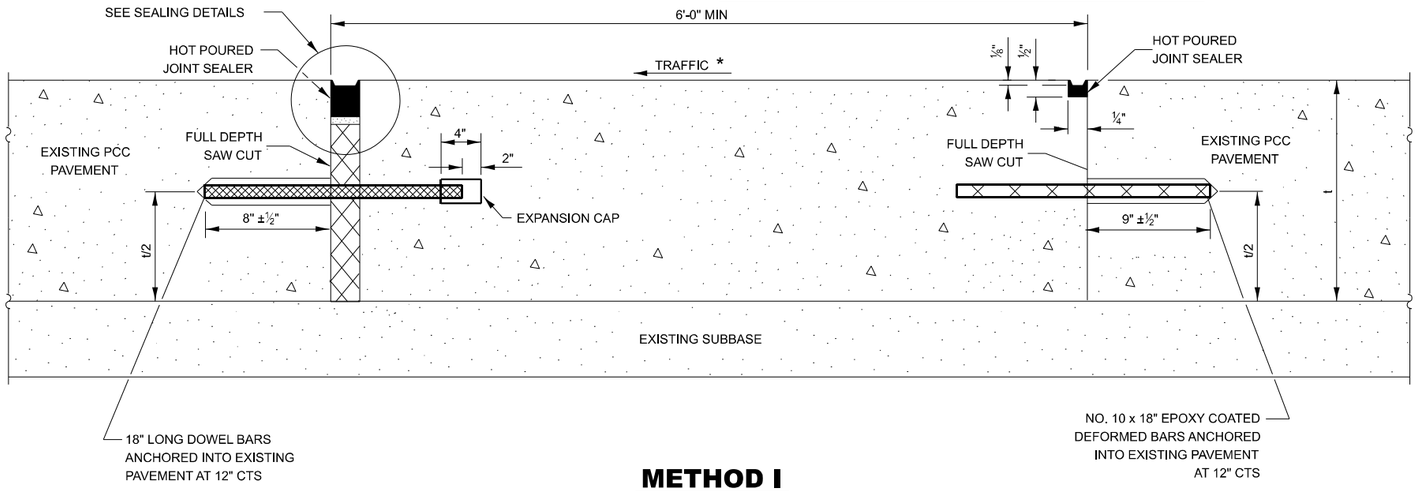
MODEL: 442-3 - Part 1
FILE NAME: pw://hansonlin-pw.bentley.com:hanson-pw01.Documents/23jobs/23H0038_09/CAD/CADSheets/D36H59-sht-03Standards

HANSON

USER NAME = hawkl02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS CLASS B PATCHING DETAIL (1 OF 2)	
	DRAWN - BWT	REVISED -			
PLOT SCALE = 100.000 ' / In.	CHECKED - AAP	REVISED -		SCALE:	SHEET OF SHEETS STA. TO STA.
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -			

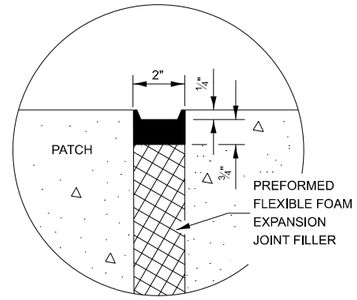
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	185
		CONTRACT NO. 66H59		
	ILLINOIS FED. AID PROJECT			

PER DISTRICT DIRECTION, FOR THE CLASS B PATCHES WITHIN THE REST AREAS, REPLACE THE DOWEL BARS SHOWN ON THIS DETAIL WITH #8 TIE BARS ON ALL SIDES AT 18" CENTERS

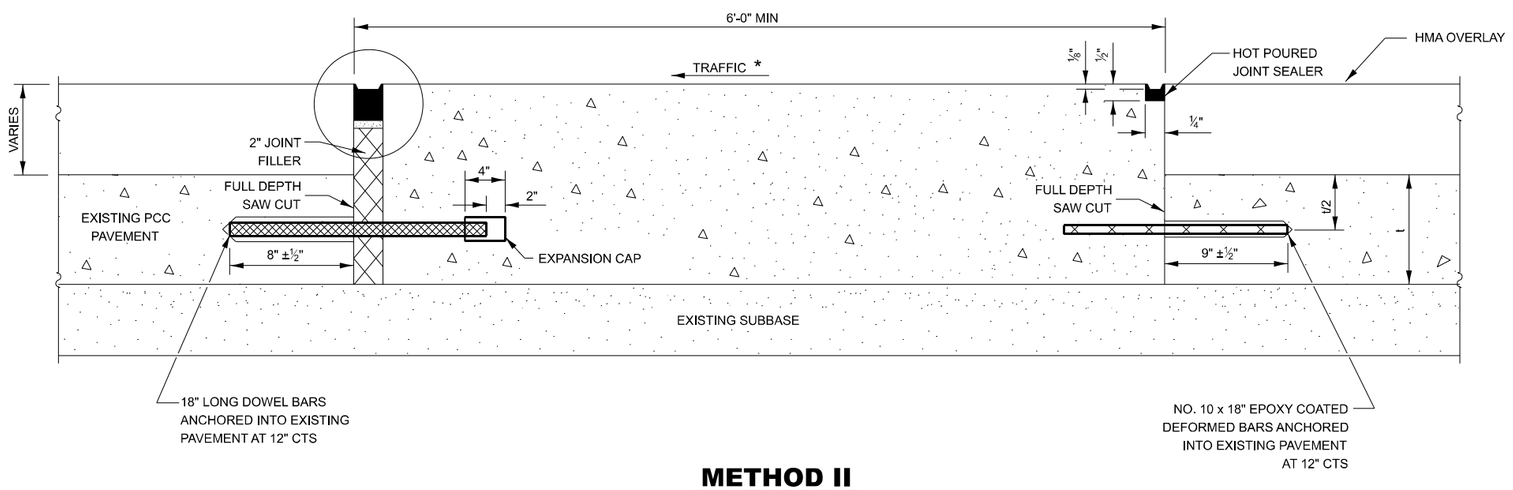


METHOD I

(WITHOUT HMA OVERLAY)

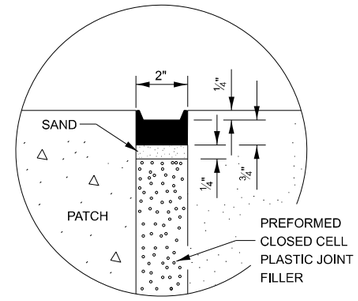


SEALING DETAIL



METHOD II

(WITH HMA OVERLAY)



SEALING DETAIL

NOTE

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

#8 TIE BARS AT 18" CTRS WILL BE USED IN PLACE OF DOWEL BARS

MODEL: 442-3 - Part 2
FILE NAME: pw://hansoninc-ew.bentley.com:hanson-pw01/Documents/23Jobs/23H038_09/CAD/CADsheets/D366H59-sht-D35Standards

HANSON

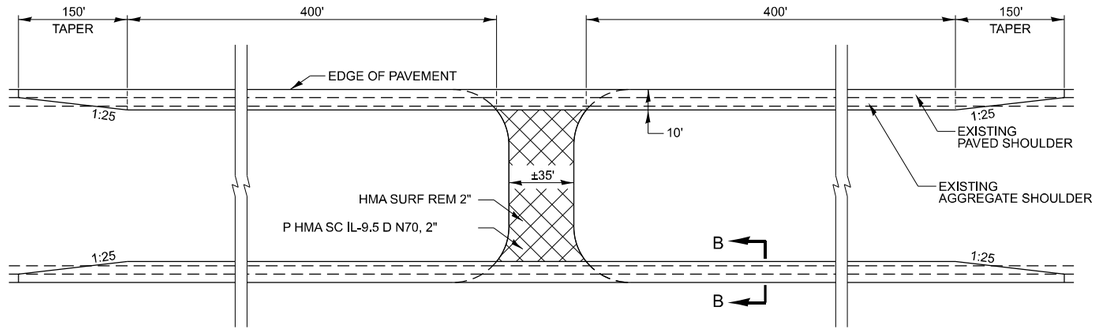
USER NAME = hawki02095	DESIGNED - BWT	REVISED -	
	DRAWN - BWT	REVISED -	
PLOT SCALE = 100.000 ' / In.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

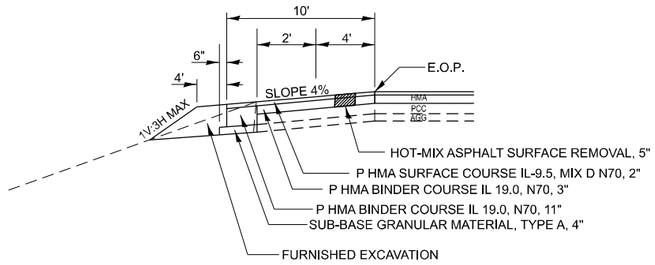
DISTRICT 3 DETAILS
CLASS B PATCHING DETAIL (2 OF 2)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	186
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		



SHOULDER WIDENING AT MAINTENANCE CROSSOVERS



NOTES

1.) OMIT RUMBLE STRIPS ON SHOULDERS WITHIN THESE LIMITS.

2.) REMOVAL OF EXISTING AGGREGATE SHOULDERS IS INCIDENTAL TO THE COST OF THE PROPOSED HMA BINDER COURSE.

SECTION B-B

482-1

MODEL: 482-1
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON

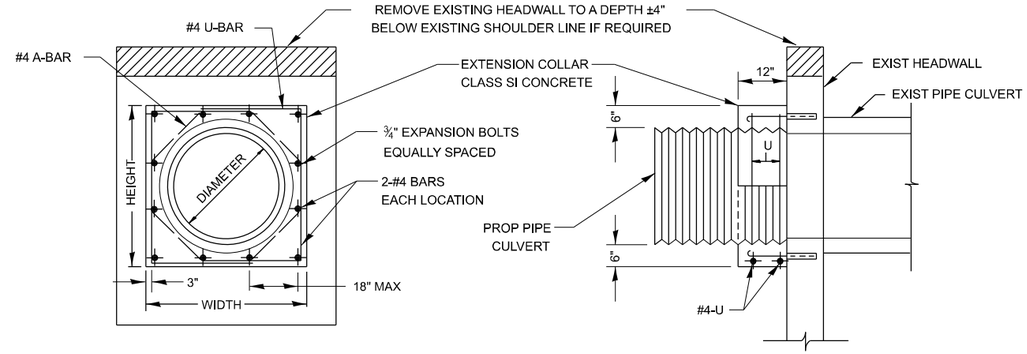
USER NAME = hawki02095	DESIGNED - BWT	REVISED -	
	DRAWN - BWT	REVISED -	
PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

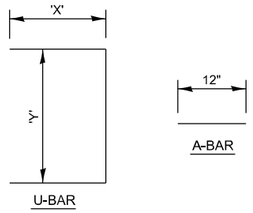
DISTRICT 3 DETAILS
SHOULDER WIDENING AT MAINTENANCE CROSSOVER

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	187
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND ¾" DIA HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.
MINIMUM CERTIFIED PROOF LOAD = 4,080 LBS



									QUANTITIES ARE FOR ONE SIDE ONLY		
LOCATION	EXISTING CULVERT SIZE	PIPE DIMENSION	PIPE AREA	EXTENSION COLLAR		A-BAR	U-BAR		CLASS SI CONC COLLAR	REINFORCEMENT BARS	¾" DIA EXPANSION BOLTS
				WIDTH	HEIGHT	12	'X'	'Y'			
	DIA IN	DIA IN	SQ FT	IN	IN	IN	IN	IN	CU YD	POUND	EACH
108+03.00	24	24	12.56	36	36	96	36	10	0.22	8	8

COLLAR DETAILS (CMP EXTENSION OF PIPE CULVERT)

542-2

MODEL: 542-2
FILE NAME: pw:\hansonlinc-pw.bentley.com:hanson-pw-01\Documents\23\Jobs\23H0038_09\CAD\CADSheets\D366H59sht-D3Standards

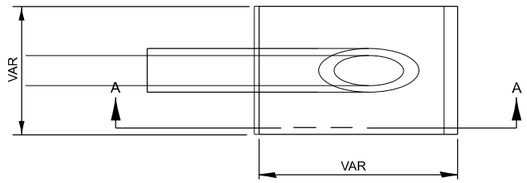
HANSON™

USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS COLLAR DETAIL
	DRAWN - BWT	REVISED -		
PLOT SCALE = 100.000 ' / In.	CHECKED - AAP	REVISED -		
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

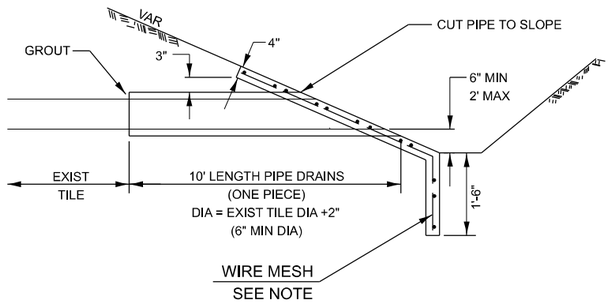
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	188
		CONTRACT NO. 66H59		
	ILLINOIS	FED. AID PROJECT		

NOTES

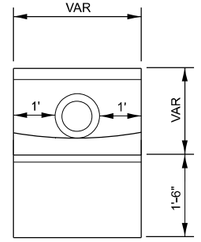
1. ANY FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ FT



PLAN



SECTION A-A



END VIEW

611-3

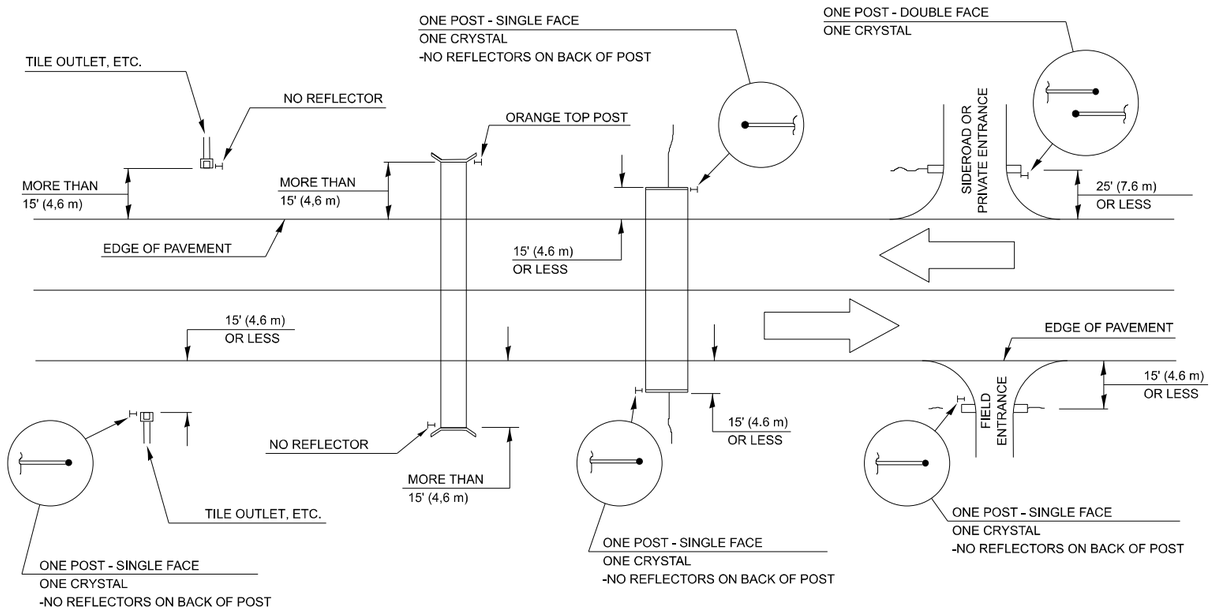
PIPE DRAINS & CONCRETE HEADWALLS

MODEL: 611-3
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON	USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS PIPE DRAINS & CONCRETE HEADWALLS
		DRAWN - BWT	REVISED -		
	PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	189
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS



BILL OF MATERIALS

SEE TABLE ON SCHEDULE OF QUANTITIES SHEET FOR LOCATIONS

NOTE:

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF THE ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

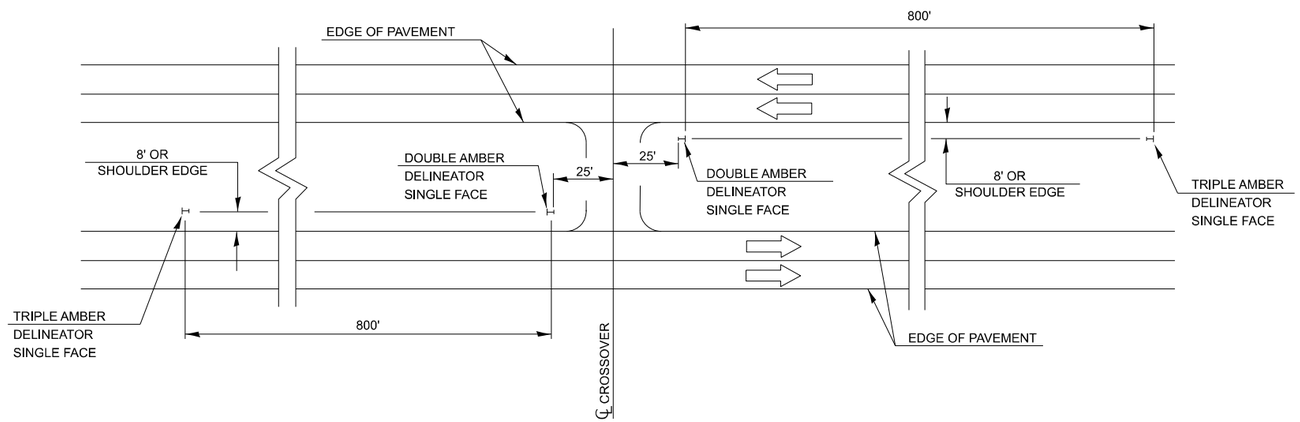
EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

FOR ONE-WAY AND INTERSTATE ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS, ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS, CRYSTAL ON THE RIGHT SIDE AND AMBER ON THE LEFT SIDE.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

MEDIAN DELINEATORS AT CROSSOVER

(FOR INTERSTATES, EXPRESSWAYS, DUAL HIGHWAYS)

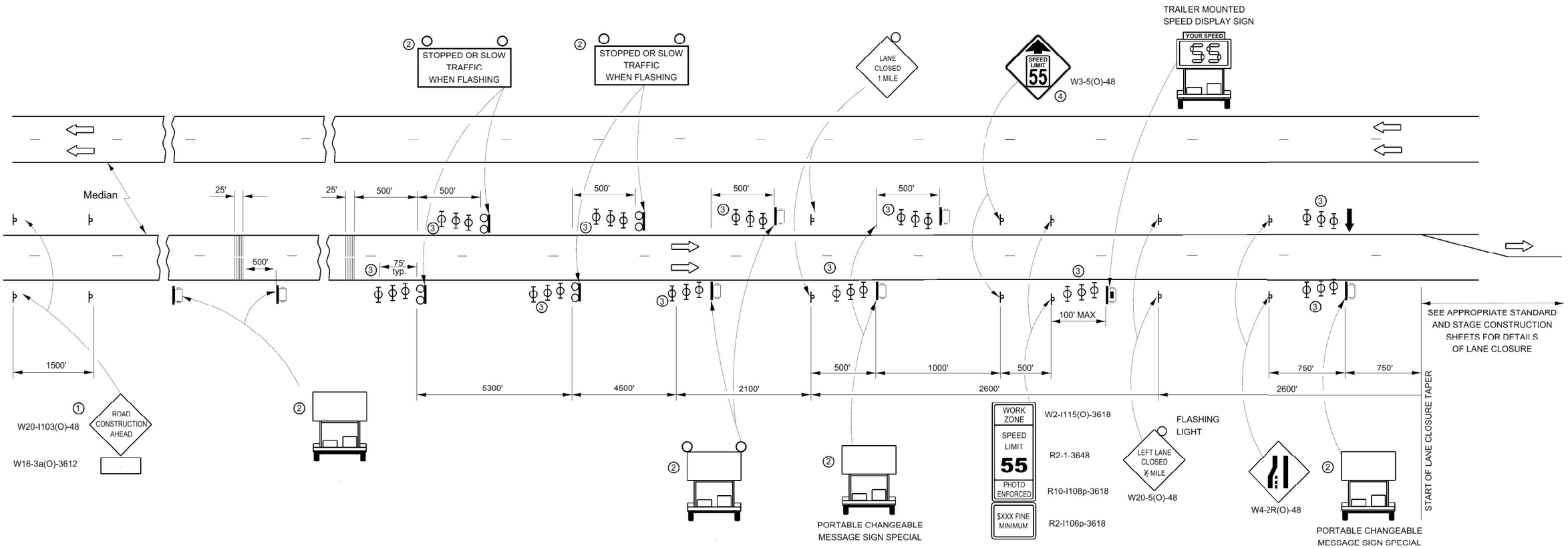


635-4

MODEL: 635-4
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON	USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS DELINEATOR PLACEMENT
		DRAWN - BWT	REVISED -		
	PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	190
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		



NOTES:

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

LEGEND:

- ARROW BOARD
- PORTABLE CHANGEABLE MESSAGE SIGN SPECIAL (PCMS)
- SIGN
- REAL-TIME TRAFFIC CONTROL SIGNING
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT.
- SPEED DISPLAY TRAILER

GENERAL NOTE:

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

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

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

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

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

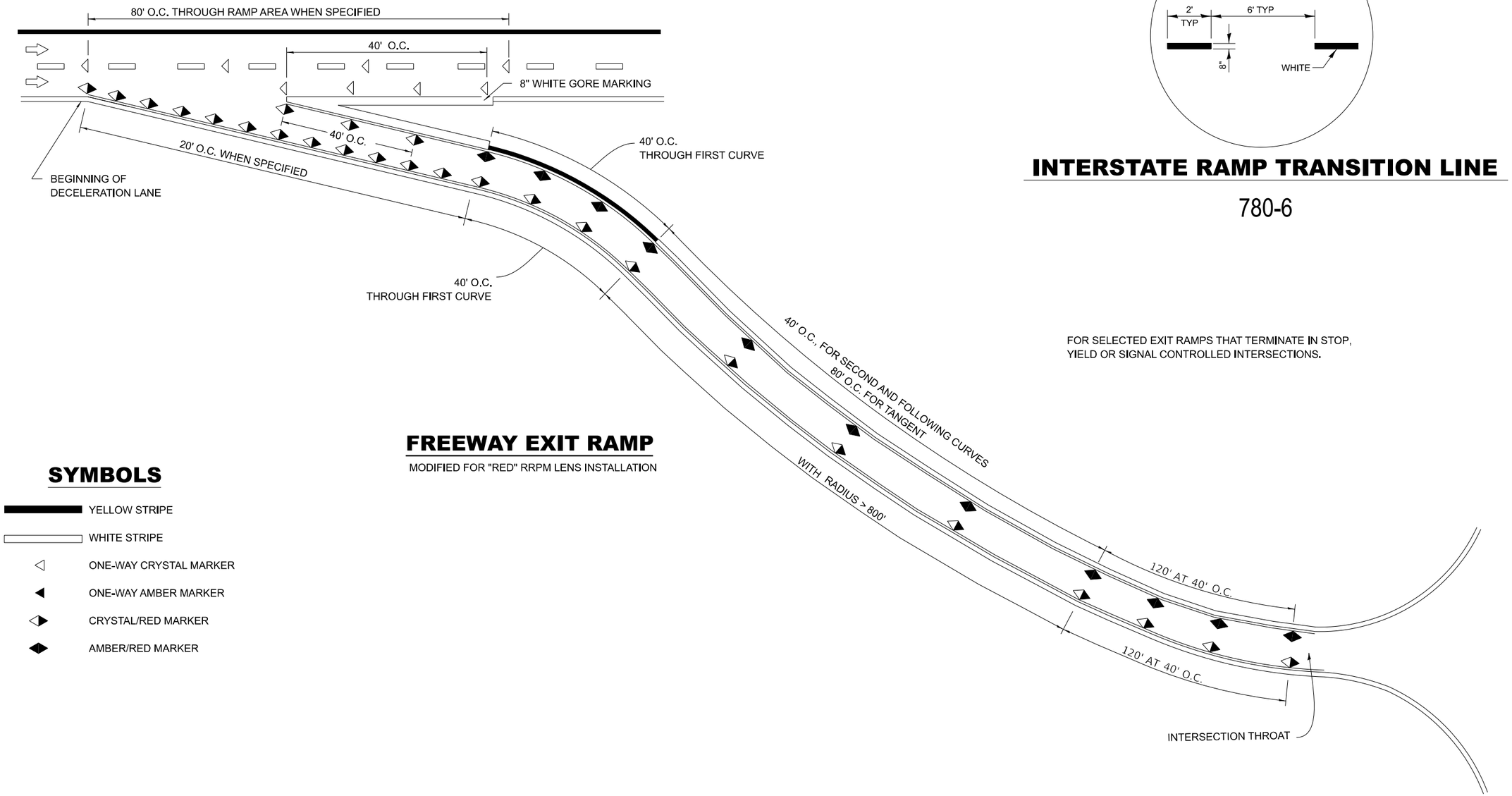
WHEN EXISTING SIGNS, POLES, AND OTHER ITEMS CONFLICT WITH LOCATING THE EQUIPMENT SHOWN, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DECONFLICT EQUIPMENT PLACEMENT.

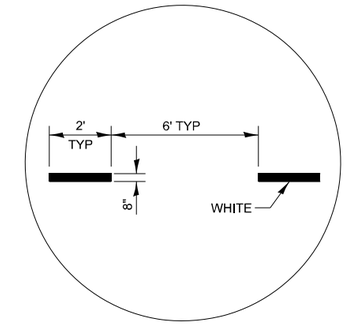
ALL ORANGE SIGN SHEETING SHALL BE FLOURESCENT ORANGE MATERIAL.

701-12

MODEL: 701-12
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON	USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS SMART WORK ZONE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BWT	REVISED -			57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	191
	PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -					CONTRACT NO. 66H59		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		





INTERSTATE RAMP TRANSITION LINE

780-6

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

FREEWAY EXIT RAMP

MODIFIED FOR "RED" RRPM LENS INSTALLATION

SYMBOLS

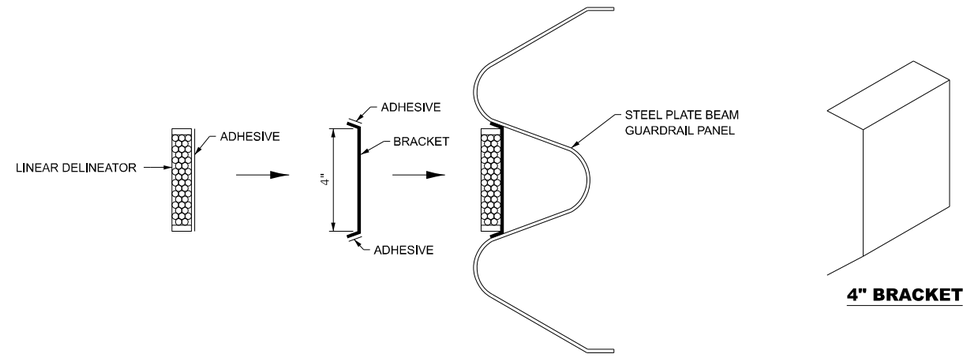
- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY CRYSTAL MARKER
- ONE-WAY AMBER MARKER
- CRYSTAL/RED MARKER
- AMBER/RED MARKER

781-2

MODEL: 780-6_781-2
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON	USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS STRIPING AND MARKERS AT FREEWAY RAMPS
		DRAWN - BWT	REVISED -		
	PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

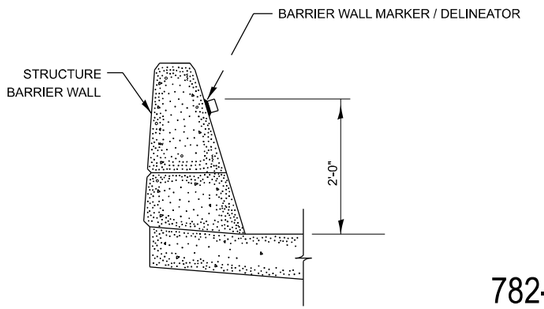
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	192
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

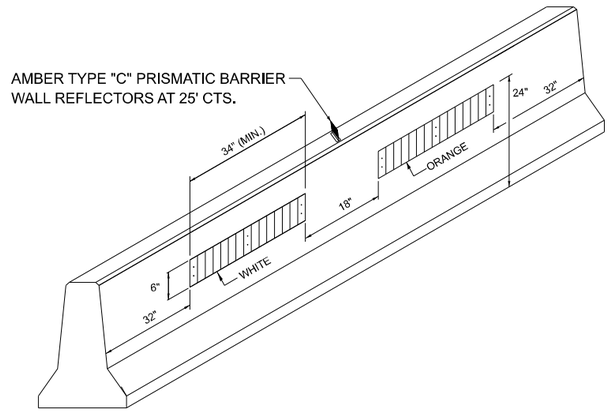
LINEATOR DELINEATOR SHALL BE APLLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

782-5



782-4

BARRIER WALL MARKER



LINEAR DELINEATOR PANELS FOR TEMPORARY CONCRETE BARRIER

782-6

MODEL: 782-3_782-4_782-5_782-6
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON

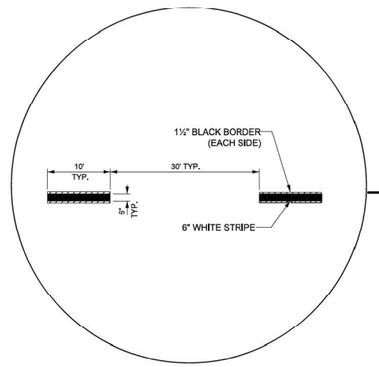
USER NAME = hawki02095	DESIGNED - BWT	REVISED -	
	DRAWN - BWT	REVISED -	
PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -	
PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

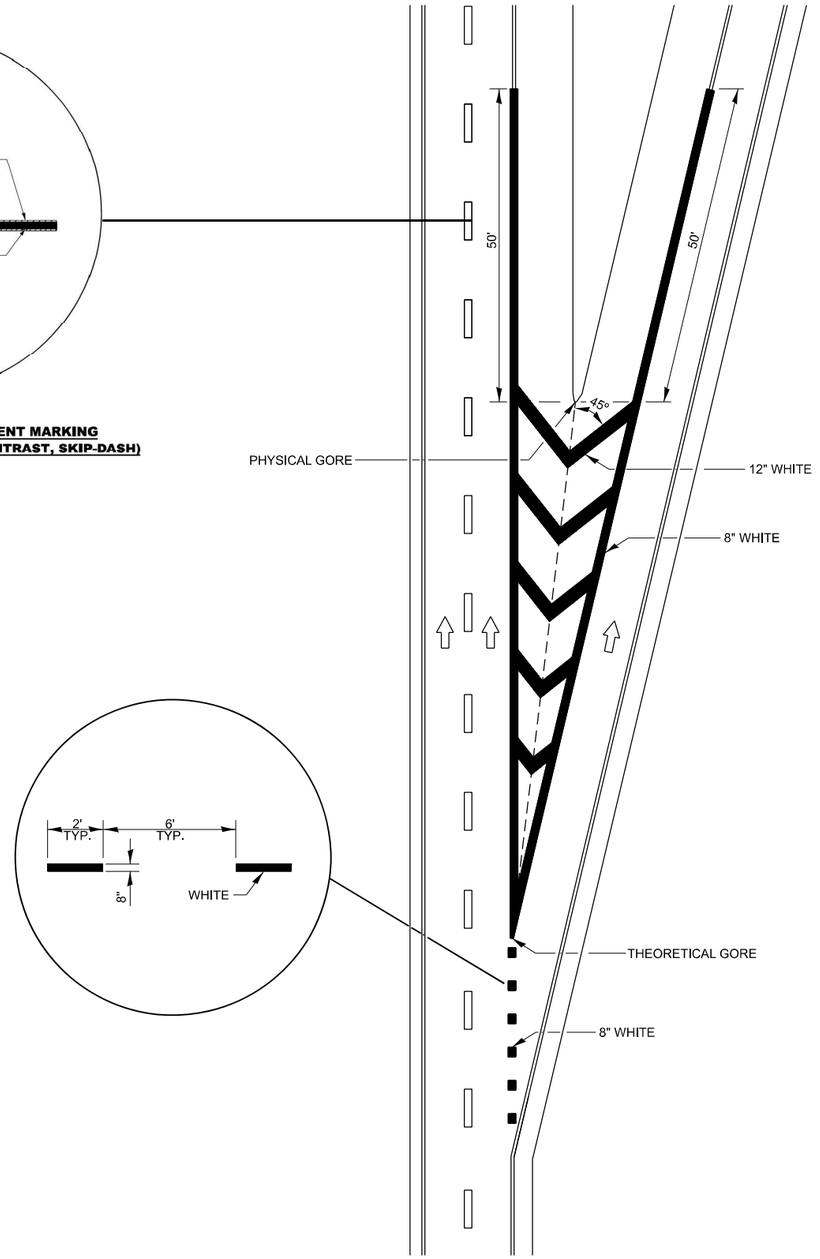
DISTRICT 3 DETAILS
REFLECTORS, MARKERS, AND DELINEATOR PANELS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	193
		CONTRACT NO. 66H59		
		ILLINOIS	FED. AID PROJECT	



PREFORMED PLASTIC PAVEMENT MARKING
TYPE "D", STANDARD - LINE 9" (CONTRAST, SKIP-DASH)



EXIT RAMP GORE DETAIL

780-23

MODEL: 780-23
FILE NAME: pw://hansoninc-pw.bentley.com:hanson-pw-01/Documents/23jobs/23H0038_09/CAD/CADsheets/D366H59-sht-D3Standards

HANSON	USER NAME = hawki02095	DESIGNED - BWT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 3 DETAILS EXIT RAMP GORE
		DRAWN - BWT	REVISED -		
	PLOT SCALE = 100.000 ' / in.	CHECKED - AAP	REVISED -		
	PLOT DATE = 3/7/2025	DATE - 02/26/25	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-9, 38-8, 38-7) RS, RA, BRR	IROQUOIS	194	194
		CONTRACT NO. 66H59		
		ILLINOIS FED. AID PROJECT		