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HIGHWAY CLASSIFICATION / TRAFFIC DATA

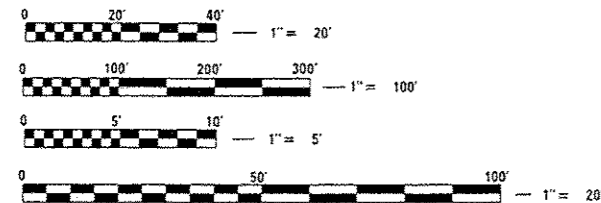
F.A.I. ROUTE 57 (I-57)
 FUNCTIONAL CLASS: RURAL PRINCIPAL ARTERIAL (INTERSTATE)
 DESIGN SPEED = 70 MPH
 POSTED SPEED = 70 MPH
 ADT = 12,030 (2017), 16,200 (2037)
 34% TRUCKS

F.A.P. ROUTE 885 (IL 146)
 FUNCTIONAL CLASS: RURAL PRINCIPAL ARTERIAL
 DESIGN SPEED = 55 MPH
 POSTED SPEED = 55 MPH
 ADT = 5,670 (2017), 6,915 (2037)
 14% TRUCKS

TOWNSHIP:

UNION COUNTY UNIT ROAD DISTRICT

COORDINATE SYSTEM: ILLINOIS STATE PLANE,
 NAD83, EAST ZONE, (HORIZONTAL)
 NAVD88 (VERTICAL)



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

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

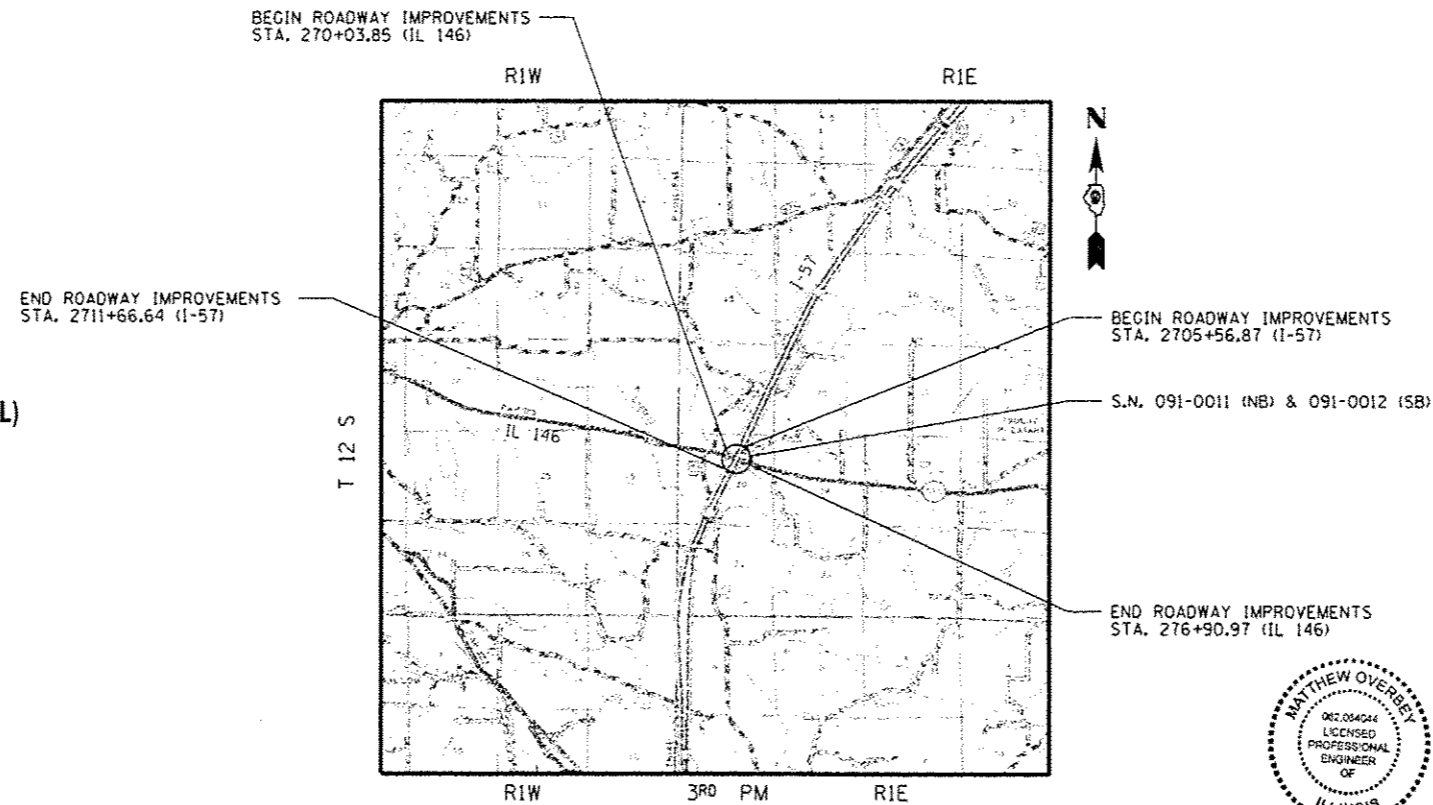
PROJECT ENGINEER: DAVID PICHE, P.E. (618) 351-5227

CONTRACT NO. 78349

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

**PROPOSED
 HIGHWAY PLANS**
 F.A.I. ROUTE 57 (I-57)
 OVER FAP ROUTE 885 (IL 146)
 BRIDGE SUPERSTRUCTURE REPLACEMENT
 SECTION (91-3HB)BR-1
 PROJECT NO. ACNHPP-0057(403)
 UNION COUNTY

C-99-019-13



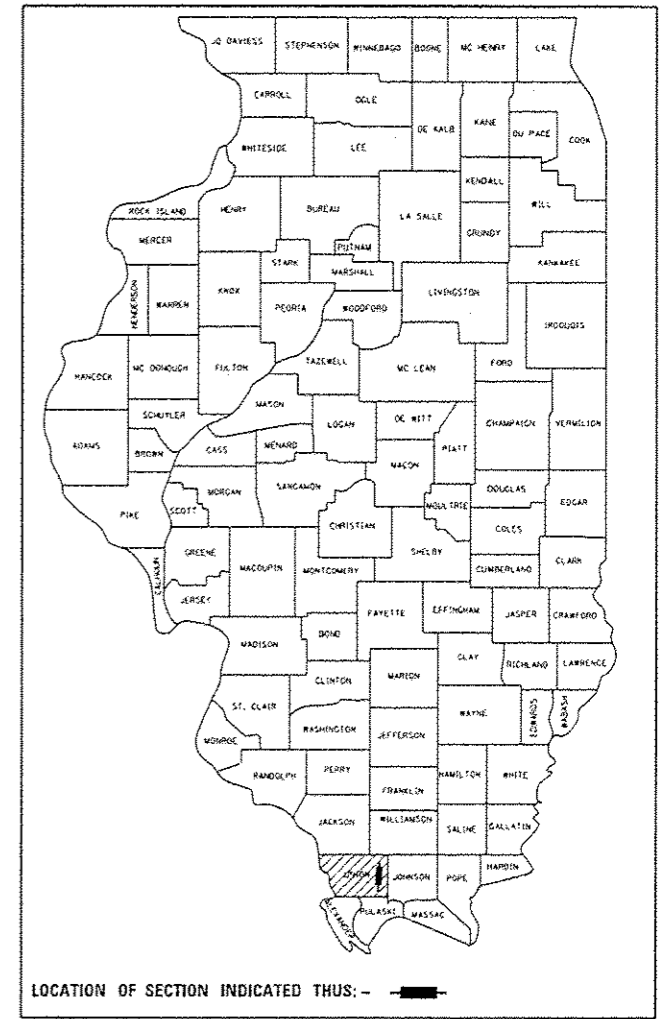
LOCATION MAP



GROSS LENGTH OF PROJECT = 609.76 FT (0.12 MILES)
 NET LENGTH OF PROJECT = 609.76 FT (0.12 MILES)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	1
FED. ROAD DIST. NO. 7		ILLINOIS	CONTRACT NO. 78349	

D-99-017-13



SIGNATURE: *Matthew J. Overbey*
 DATE SIGNED: 09/30/2016
 LICENSE EXPIRATION DATE: 11/30/2017

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED: Oct 17 2016

Jeffrey L. Keim
 REGION FIVE ENGINEER

Dec 9 2016
Maureen M. Addis
 ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9 2016
Maureen M. Addis
 DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS



GENERAL NOTES

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
 ALL HOT-MIX ASPHALT 2.016 TONS/CU.YD.
 ALL AGGREGATE 2.05 TONS/CU.YD.
 BITUMINOUS MATERIALS:
 ON AGGREGATE 0.25 POUND/SO.FT.
 ON PAVEMENT 0.05 POUND/SO.FT.
 INTERMEDIATE LIFTS 0.025 POUND/SO.FT.
 RIPRAP 1.50 TONS/CU.YD.
 EARTH 110 LBS/CU.FT.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.
- EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.
- THE TOP 4 INCHES OF EMBANKMENT SURFACE MATERIAL SHALL BE COHESIVE, CAPABLE OF SUPPORTING VEGETATIVE GROWTH, AND TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR FURNISHED EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT-MIX ASPHALT SURFACE REMOVAL OR HOT-MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT-MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR MAINTENANCE OF TRAFFIC STAGE 1 & STAGE 2.
- THE QUANTITY OF TEMPORARY PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR MAINTENANCE OF TRAFFIC STAGE 1 & STAGE 2.
- PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
- IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.
- ALL EROSION CONTROL MEASURES SHALL BE LEFT IN PLACE UNTIL REMOVAL IS REQUIRED TO CONSTRUCT FINAL GRADE LINES.
- THE COST OF REMOVING THE BRIDGE APPROACH SLAB IS INCLUDED IN "PAVEMENT REMOVAL - 50 YD". THE EXISTING BRIDGE APPROACH SLAB DIMENSIONS ARE 40' LONG WITH A 10 1/2" DEPTH AND 16 1/2" THICKENED EDGES.
- THE COST OF REMOVING THE BRIDGE RAIL IS INCLUDED IN "REMOVAL OF EXISTING - SUPERSTRUCTURES - EACH."
- RUMBLE STRIPS SHALL BE CONSTRUCTED IN ALL BITUMINOUS AND PCC SHOULDERS ON THE MAINLINE FOR THE FINAL PROPOSED CONDITION IN ACCORDANCE WITH STANDARD 642001.
- 16'-5" MINIMUM CLEARANCE UNDERNEATH ALL OVERPASS STRUCTURES SHALL BE VERIFIED BY THE ENGINEER.
- THE REMOVAL OF THE EXISTING DELINEATORS, POSTS, AND REFLECTORS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS.
- THE COLOR OF THE DELINEATORS PLACED AT ANY LOCATION SHALL BE IN ACCORDANCE WITH STANDARD 635001 EXCEPT WHERE A CONFLICT EXISTS BETWEEN THE DELINEATOR AND THE PAVEMENT MARKING, THEN, THE DELINEATOR SHALL MATCH THE COLOR OF THE PAVEMENT MARKING.
- EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

IDOT HIGHWAY STANDARDS

- 000001-06 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
 420001-08 PAVEMENT JOINTS
 420101-05 24' (7.2m) JOINTED PCC PAVEMENT
 420401-12 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
 420406 PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
 483001-04 PCC SHOULDER
 515001-03 NAME PLATE FOR BRIDGES
 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
 542401-02 METAL END SECTION FOR PIPE CULVERTS
 601001-05 PIPE UNDERDRAINS
 601101-02 CONCRETE HEADWALL FOR PIPE UNDERDRAINS
 602306-03 INLET - TYPE B
 602601-04 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 604006-05 FRAME AND GRATE TYPE 3
 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND CUTTER
 630001-11 STEEL PLATE BEAM GUARDRAIL
 630301-07 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
 631031-15 TRAFFIC BARRIER TERMINAL, TYPE 6
 635001-02 DELINEATORS
 642001-02 SHOULDER RUMBLE STRIPS, 16 IN.
 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
 701401-10 LANE CLOSURE, FREEWAY/EXPRESSWAY
 701406-11 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
 701416-10 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH Crossover AND BARRIER
 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
 701901-06 TRAFFIC CONTROL DEVICES
 704001-08 TEMPORARY CONCRETE BARRIER
 725001-01 OBJECT AND TERMINAL MARKERS
 780001-05 TYPICAL PAVEMENT MARKINGS
 781001-04 TYPICAL APPLICATIONS RAISED PAVEMENT MARKERS
 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
 BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

COMMITMENTS

- NONE IDENTIFIED AS OF 10/26/16.

MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90
AC/PG:	SBS PG76-22
ABR % (MAX.):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 mm
FRICTION AGGREGATE	D SURFACE
QUALITY MANAGEMENT PROGRAM:	QC/OA

LOCATION(S):	HOT-MIX ASPHALT LEVELING BINDER
MIXTURE USE(S):	HOT-MIX ASPHALT LEVELING BINDER COURSE, N70, IL-9.5 mm FINE
AC/PG:	PG64-22
ABR % (MAX.):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 mm FINE GRADED
FRICTION AGGREGATE	NONE
QUALITY MANAGEMENT PROGRAM:	QC/OA

LOCATION(S):	HOT-MIX ASPHALT SHOULDERS (TOP LIFT)
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
AC/PG:	PG64-22
ABR % (MAX.):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 mm
FRICTION AGGREGATE	NONE
QUALITY MANAGEMENT PROGRAM:	QC/OA

FILE NAME : L:\IDOT\8805610\02\09\Drawings\Sheets\Roadway\Plans\0978349-shr-GenNotes.dgn	USER NAME : Mast Overbay	DESIGNED - MJO	REVISED -
...0978349-shr-GenNotes.dgn	Plot SCALE : 48.0000' / in.	DRAWN - RAH	REVISED -
Default	Plot DATE : 10/14/2016	CHECKED - JMM	REVISED -
		DATE - 09/30/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS,
MIXTURE REQUIREMENTS AND SIGNATURES

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

Prepared By:	<i>[Signature]</i> DISTRICT STUDIES & PLANNING ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT MATERIALS ENGINEER

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3H)BR-1	UNION	150	2
			CONTRACT NO. 78349	
[ILLINOIS] FED. AID PROJECT				

SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
CODE NO.			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
ITEM DESCRIPTION			CONSTRUCTION CODE: 0014	
			QUANTITY	
UNIT				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	80	
20200100	EARTH EXCAVATION	CU YD	4,713	
20800150	TRENCH BACKFILL	CU YD	41.3	
25000200	SEEDING, CLASS 2	ACRE	7.00	
25000350	SEEDING, CLASS 7	ACRE	7.00	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	910	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	630	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	630	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	14.0	
25100115	MULCH, METHOD 2	ACRE	14.00	
25100630	EROSION CONTROL BLANKET	SQ YD	700	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	700	
28000305	TEMPORARY DITCH CHECKS	FOOT	30	
28000400	PERIMETER EROSION BARRIER	FOOT	1,640	

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SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
CODE NO.			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
ITEM DESCRIPTION			CONSTRUCTION CODE: 0014	
			QUANTITY	
UNIT				
28000500	INLET AND PIPE PROTECTION	EACH	10	
28100107	STONE RIPRAP, CLASS A4	SQ YD	1,091	
28200200	FILTER FABRIC	SQ YD	1,091	
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	2,025	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	332	
31200100	STABILIZED SUBBASE 4"	SQ YD	207	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,210	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	571	
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	117.0	
40600990	TEMPORARY RAMP	SQ YD	216	
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	37.3	
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	134	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	182	
42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	1,001	

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SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
CODE NO.			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
ITEM DESCRIPTION			CONSTRUCTION CODE: 0014	
			QUANTITY	
UNIT				
44000100	PAVEMENT REMOVAL	SQ YD	6,118	
44004250	PAVED SHOULDER REMOVAL	SQ YD	663	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	874.0	
48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	223	
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	13	
48300415	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	SQ YD	1,411	
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	2	
50102400	CONCRETE REMOVAL	CU YD	134.9	
50104650	SLOPE WALL REMOVAL	SQ YD	600	
50105220	PIPE CULVERT REMOVAL	FOOT	1,647	
50200100	STRUCTURE EXCAVATION	CU YD	266	
50300100	FLOOR DRAINS	EACH	8	
50300225	CONCRETE STRUCTURES	CU YD	233.8	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	392.3	

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SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
			CONSTRUCTION CODE: 0014	
			QUANTITY	
CODE NO.	ITEM DESCRIPTION	UNIT		
50300260	BRIDGE DECK GROOVING	SQ YD	1,690	
50300300	PROTECTIVE COAT	SQ YD	2,078	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	258.4	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1	
50500505	STUD SHEAR CONNECTORS	EACH	4,095	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	215,210	
50800515	BAR SPLICERS	EACH	168	
51500100	NAME PLATES	EACH	2	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	176	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	28	
52100505	ANCHOR BOLTS, 5/8"	EACH	56	
52100520	ANCHOR BOLTS, 1"	EACH	56	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	
54215550	METAL END SECTIONS 15"	EACH	5	

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SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
CODE NO.	ITEM DESCRIPTION	UNIT	CONSTRUCTION CODE: 0014	
			QUANTITY	
5421D015	PIPE CULVERTS, CLASS D, TYPE 1 25" (TEMPORARY)	FOOT	329	
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	339	
58700300	CONCRETE SEALER	SQ FT	6,647	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	106	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	131	
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	365	
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	4	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	4	
60600605	CONCRETE CURB, TYPE B	FOOT	225	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,220.0	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	537.5	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	16	

* SPECIALTY ITEM

FILE NAME *	USER NAME * Matt Overbay	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\1001\8886610\10_29\Draw\Sheets\Foodby Plans\0978349-shc-S02.dgn	Drawn by Plans\0978349-shc-S02.dgn	DRAWN - RAH	REVISED -		SCALE: N.T.S.	SHEET 5 OF 8 SHEETS	STA.	TO STA.	57	(91-3HB1BR-1)	UNION	150	7
... \0978349-shc-S02.dgn		CHECKED - JMM	REVISED -							CONTRACT NO. 78349			
Sheet 5	PLOT DATE * 10/19/2016	DATE - 09/30/16	REVISED -		ILLINOIS FED. AID PROJECT								

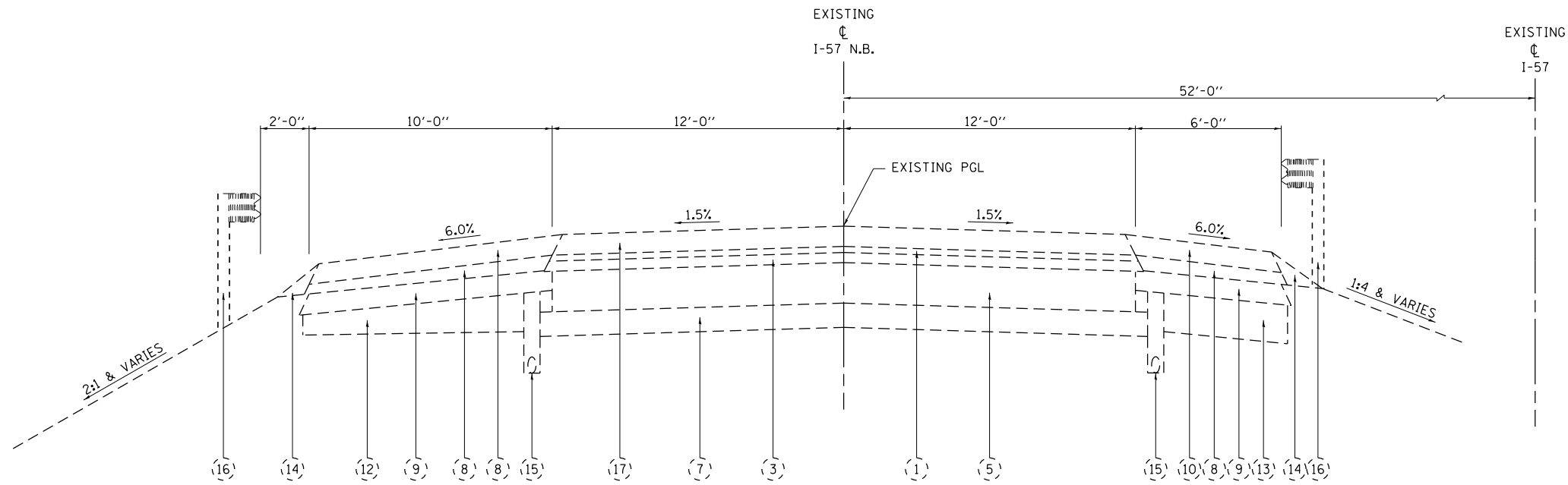
SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
			CONSTRUCTION CODE: 0014	
CODE NO.	ITEM DESCRIPTION	UNIT	QUANTITY	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	9	
63200310	GUARDRAIL REMOVAL	FOOT	3,315	
63500105	DELINEATORS	EACH	20	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	14,708	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	28	
67100100	MOBILIZATION	LSUM	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	112	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	10	
70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	14,280	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4,760	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,151	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	451	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	

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* SPECIALTY ITEM

SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
CODE NO.			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
ITEM DESCRIPTION			CONSTRUCTION CODE: 0014	
			UNIT	QUANTITY
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	5	
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	9	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	53,825	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	65,700	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	92	
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	6	
* 78100300	REPLACEMENT REFLECTOR	EACH	92	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	66	
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	42	
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	900	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	38,500	
X2503100	MOWING	UNIT	633	

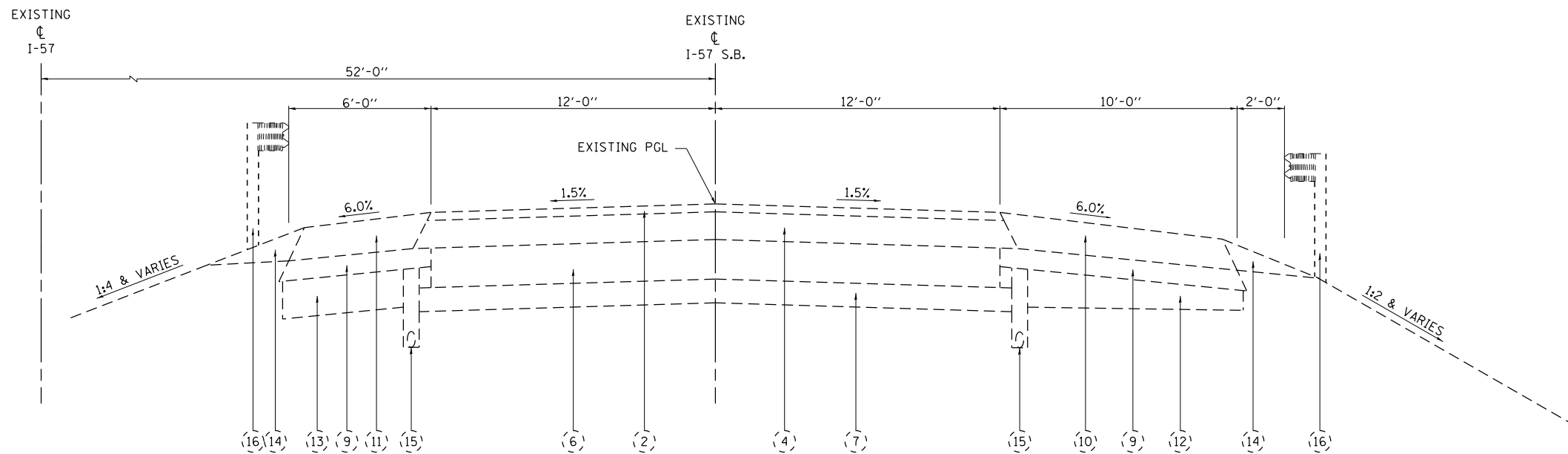
14 * SPECIALTY ITEM

SUMMARY OF QUANTITIES			RURAL, UNION COUNTY	
			ROUTE: FAI 57, I-57	
CODE NO.			FUNDING: 90% FEDERAL, 10% STATE	
			S.N. 091-0011 & S.N. 091-0012	
ITEM DESCRIPTION			CONSTRUCTION CODE: 0014	
			QUANTITY	
UNIT				
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	3,252	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	2,205	
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	170	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	50	
Z0018004	DRAINAGE SCUPPERS, DS 12	EACH	2	
Z0018905	DRILL AND GROUT BARS	EACH	688	
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	496	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	302	
Z0062456	TEMPORARY PAVEMENT	SO YD	1,500	
Z0065700	SLOPE WALL REPAIR	SO YD	600	
Z0065730	SLOPE WALL SLURRY PUMPING	CU YD	10	
12 φ Z0076600	TRAINEES	Hour	1000	
φ Z00766004	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1000	



EXISTING TYPICAL SECTION

NORTH BOUND LANES
 LOOKING UPSTATION (SOUTH)
 STA. 2705+56.87 TO STA. 2707+90.50
 STA. 2709+27.50 TO STA. 2711+66.64
 BRIDGE OMISSION
 STA. 2707+90.50 TO STA. 2709+27.50



EXISTING TYPICAL SECTION

SOUTH BOUND LANES
 LOOKING UPSTATION (SOUTH)
 STA. 2707+12.50 TO STA. 2708+09.62
 STA. 2709+46.62 TO STA. 2710+62.00
 BRIDGE OMISSION
 STA. 2708+09.62 TO STA. 2709+46.62

EXISTING LEGEND

- (1) HMA SURFACE COURSE, 1.5"
- (2) HMA SURFACE COURSE, 2"
- (3) HMA BINDER COURSE, 2.5"
- (4) HMA BINDER COURSE, 7"
- (5) P.C.C. PAVEMENT, 10"
- (6) RUBBLIZED P.C.C. PAVEMENT, 10"
- (7) SUB-BASE GRANULAR MATERIAL, 6"
- (8) HMA SHOULDER, 2" - 4"
- (9) HMA SHOULDER, 5"
- (10) HMA SHOULDER, 7" - 9"
- (11) HMA SHOULDER, 8" - 9"
- (12) CRUSHED STONE SHOULDER, 5" & VAR.
- (13) CRUSHED STONE SHOULDER, 9.5"
- (14) AGGREGATE SHOULDER, TYPE B
- (15) PIPE UNDERDRAIN, 4"
- (16) GUARDRAIL
- (17) HMA TRANSITION, VARIABLE DEPTH, 1/4" - 9 3/4"

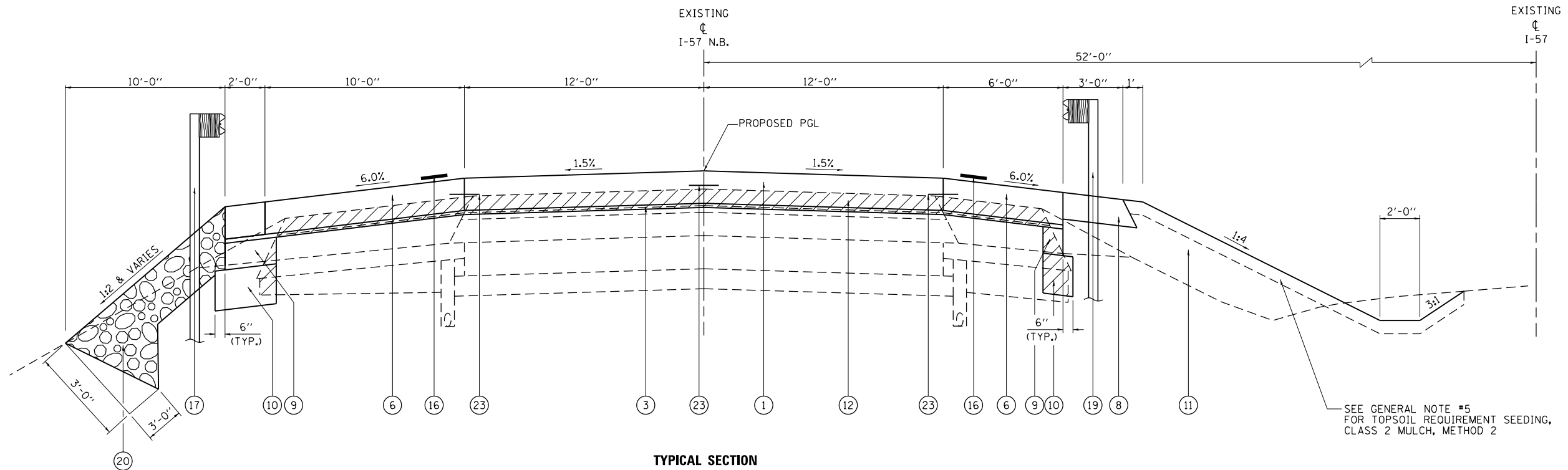
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	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 EXISTING I-57**

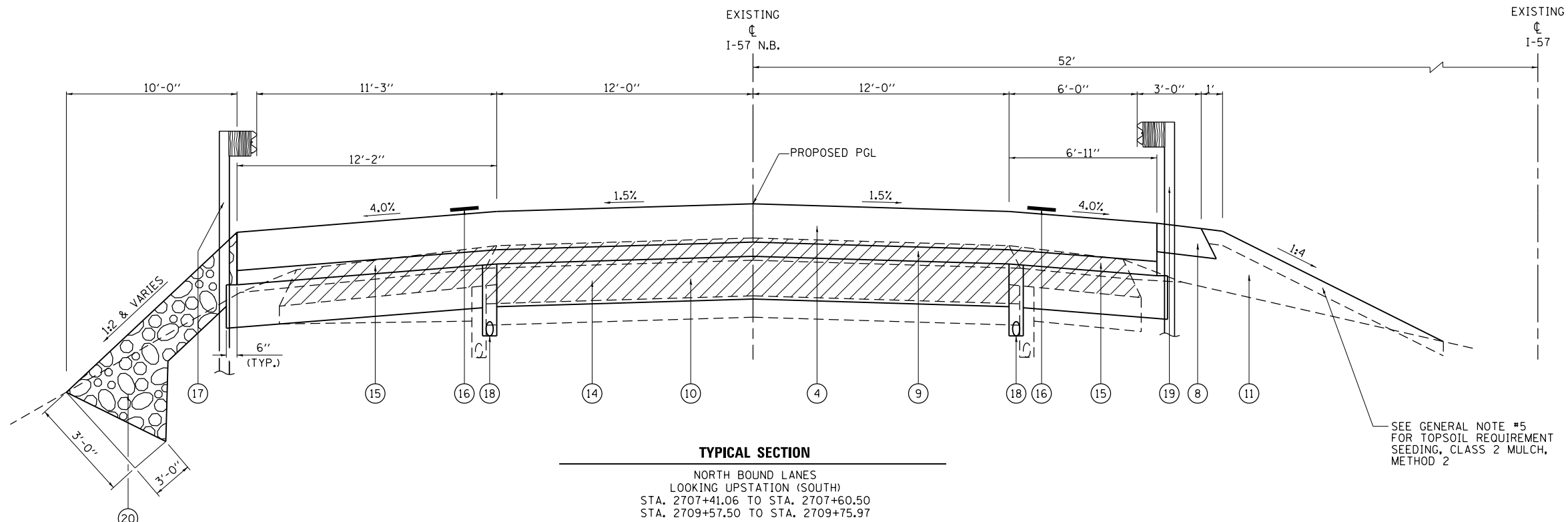
SCALE: N.T.S. SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	11
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
 NORTH BOUND LANES
 LOOKING UPSTATION (SOUTH)
 STA. 2705+56.87 TO STA. 2707+41.06
 STA. 2709+75.97 TO STA. 2711+66.64

SEE GENERAL NOTE #5
 FOR TOPSOIL REQUIREMENT SEEDING,
 CLASS 2 MULCH, METHOD 2



TYPICAL SECTION
 NORTH BOUND LANES
 LOOKING UPSTATION (SOUTH)
 STA. 2707+41.06 TO STA. 2707+60.50
 STA. 2709+57.50 TO STA. 2709+75.97

SEE GENERAL NOTE #5
 FOR TOPSOIL REQUIREMENT SEEDING,
 CLASS 2 MULCH, METHOD 2

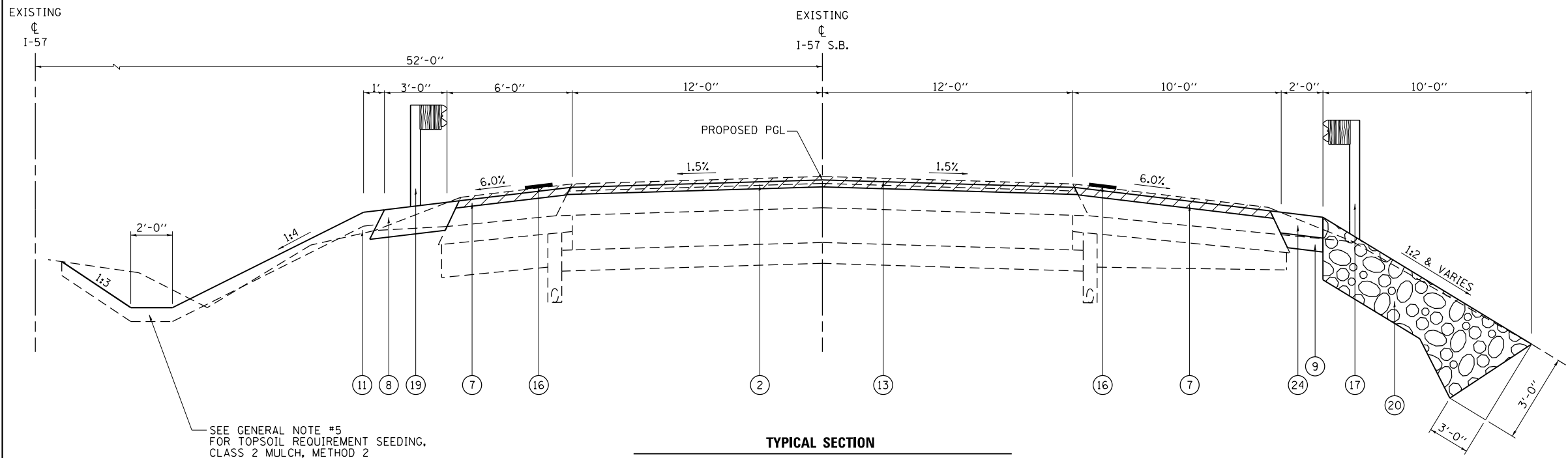
- PROPOSED LEGEND**
- ① JOINTED P.C.C. PAVEMENT, 9¾"
 - ② HMA SURFACE COURSE, 2"
 - ③ HMA LEVELING BINDER, 1¼"
 - ④ PAVEMENT CONNECTOR (PCC)-9¾"
 - ⑤ PAVEMENT CONNECTOR (HMA)-16½"
 - ⑥ P.C.C. SHOULDER, 9¾"
 - ⑦ HMA SHOULDER, 2"
 - ⑧ AGGREGATE SHOULDER, TYPE B (8")
 - ⑨ STABILIZED SUB-BASE, 4"
 - ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 12"
 - ⑪ FURNISHED EXCAVATION
 - ⑫ HMA SURFACE REMOVAL, VARIABLE DEPTH (1¼" - 11")
 - ⑬ HMA SURFACE REMOVAL, VARIABLE DEPTH (2" - 3.8")
 - ⑭ PAVEMENT REMOVAL
 - ⑮ PAVED SHOULDER REMOVAL (12" EST. THICKNESS)
 - ⑯ SHOULDER RUMBLE STRIPS, 16 INCH
 - ⑰ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 - ⑱ PIPE UNDERDRAIN, 4"
 - ⑲ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - ⑳ STONE RIPRAP, CLASS A4 (1'-6") WITH FILTER FABRIC
 - ㉑ CONCRETE CURB, TYPE B
 - ㉒ PIPE CULVERTS, CLASS A, TYPE 1 12" W/T.B.F.
 - ㉓ TIE BARS
 - ㉔ HMA SHOULDER, 6"

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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... \0978349-sht-Typical-NB.dgn		CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
I-57 NORTHBOUND
 SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

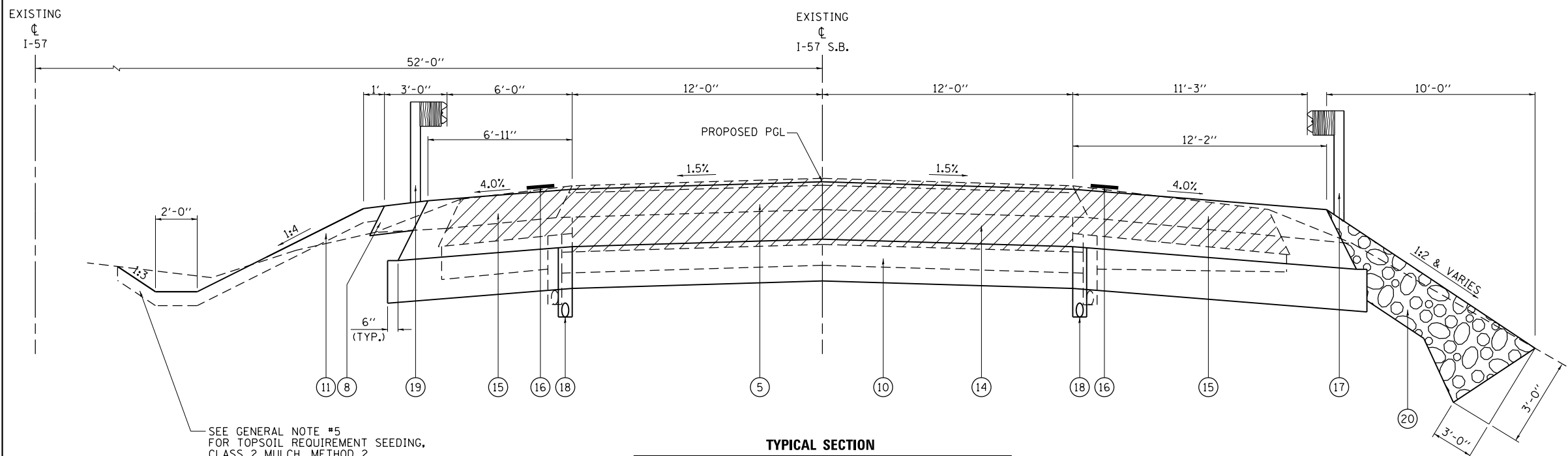
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	12
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



SEE GENERAL NOTE #5
FOR TOPSOIL REQUIREMENT SEEDING,
CLASS 2 MULCH, METHOD 2

TYPICAL SECTION

SOUTH BOUND LANES
LOOKING UPSTATION (SOUTH)
STA. 2707+12.50 TO STA. 2707+66.15
STA. 2709+91.06 TO STA. 2710+62.00



SEE GENERAL NOTE #5
FOR TOPSOIL REQUIREMENT SEEDING,
CLASS 2 MULCH, METHOD 2

TYPICAL SECTION

SOUTH BOUND LANES
LOOKING UPSTATION (SOUTH)
STA. 2707+66.15 TO STA. 2707+79.62
STA. 2709+76.62 TO STA. 2709+91.06

PROPOSED LEGEND

- ① JOINTED P.C.C. PAVEMENT, 9¾"
- ② HMA SURFACE COURSE, 2"
- ③ HMA LEVELING BINDER, 1¼"
- ④ PAVEMENT CONNECTOR (PCC)-9¾"
- ⑤ PAVEMENT CONNECTOR (HMA)-16½"
- ⑥ P.C.C. SHOULDER, 9¾"
- ⑦ HMA SHOULDER, 2"
- ⑧ AGGREGATE SHOULDER, TYPE B (8")
- ⑨ STABILIZED SUB-BASE, 4"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ⑪ FURNISHED EXCAVATION
- ⑫ HMA SURFACE REMOVAL, VARIABLE DEPTH (1¼" - 11")
- ⑬ HMA SURFACE REMOVAL, VARIABLE DEPTH (2" - 3.8")
- ⑭ PAVEMENT REMOVAL
- ⑮ PAVED SHOULDER REMOVAL (12" EST. THICKNESS)
- ⑯ SHOULDER RUMBLE STRIPS, 16 INCH
- ⑰ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ⑱ PIPE UNDERDRAIN, 4"
- ⑲ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑳ STONE RIPRAP, CLASS A4 (1'-6") WITH FILTER FABRIC
- ㉑ CONCRETE CURB, TYPE B
- ㉒ PIPE CULVERTS, CLASS A, TYPE 1 12" W/T.B.F.
- ㉓ TIE BARS
- ㉔ HMA SHOULDER, 6"

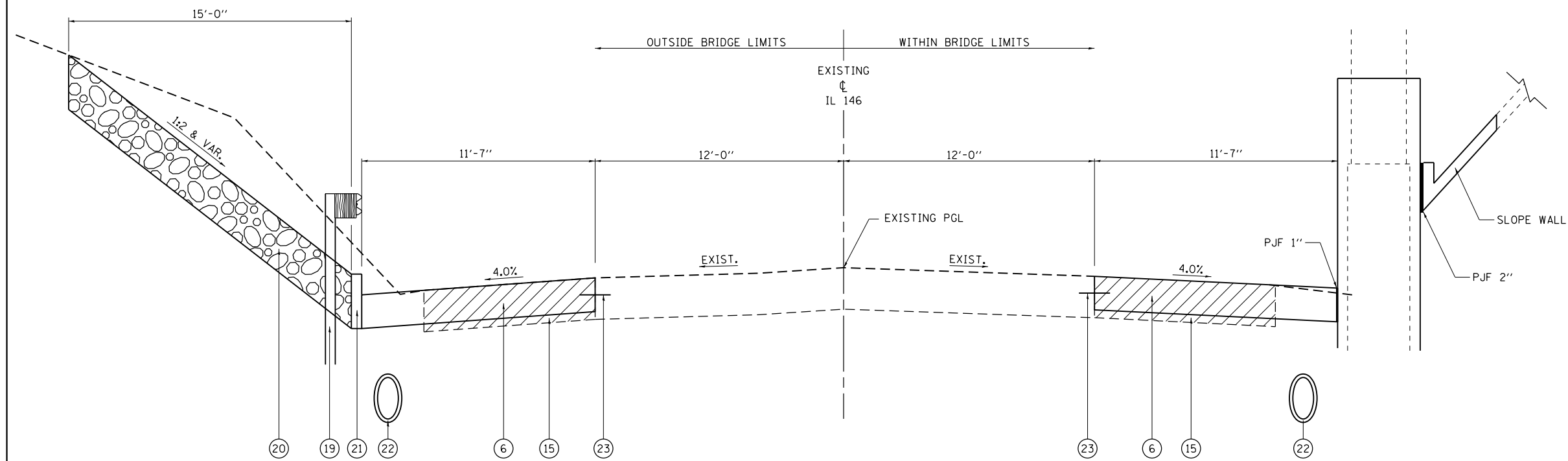
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...0978349-sht-Typical-SB.dgn		CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
I-57 SOUTHBOUND**

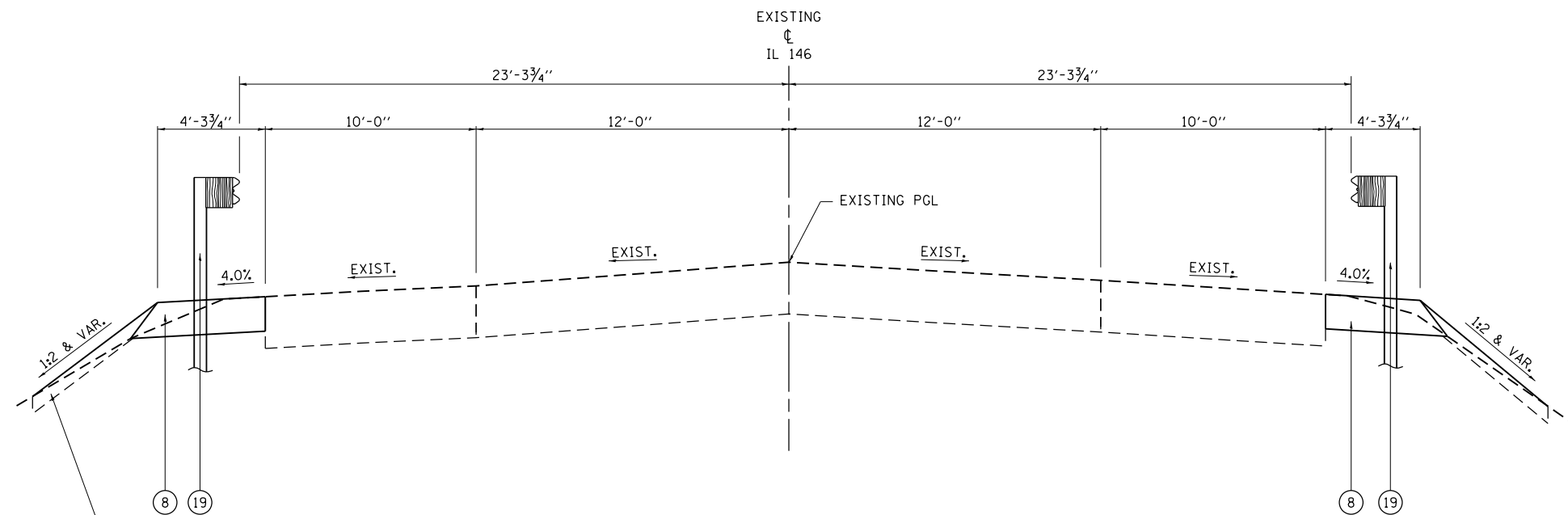
SCALE: N.T.S. SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	13
				CONTRACT NO. 78349
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION

LOOKING UPSTATION (EAST)
 STA. 272+60.00 TO STA. 275+20.00 (RT.)
 STA. 272+85.00 TO STA. 275+35.00 (LT.)



TYPICAL SECTION

LOOKING UPSTATION (EAST)
 STA. 269+93.80 TO STA. 272+85.00 (LT.)
 STA. 271+54.53 TO STA. 272+60.00 (RT.)
 STA. 275+20.00 TO STA. 276+13.49 (RT.)
 STA. 275+35.00 TO STA. 276+87.41 (LT.)

SEE GENERAL NOTE #5
 FOR TOPSOIL REQUIREMENT
 SEEDING, CLASS 2 MULCH,
 METHOD 2

PROPOSED LEGEND

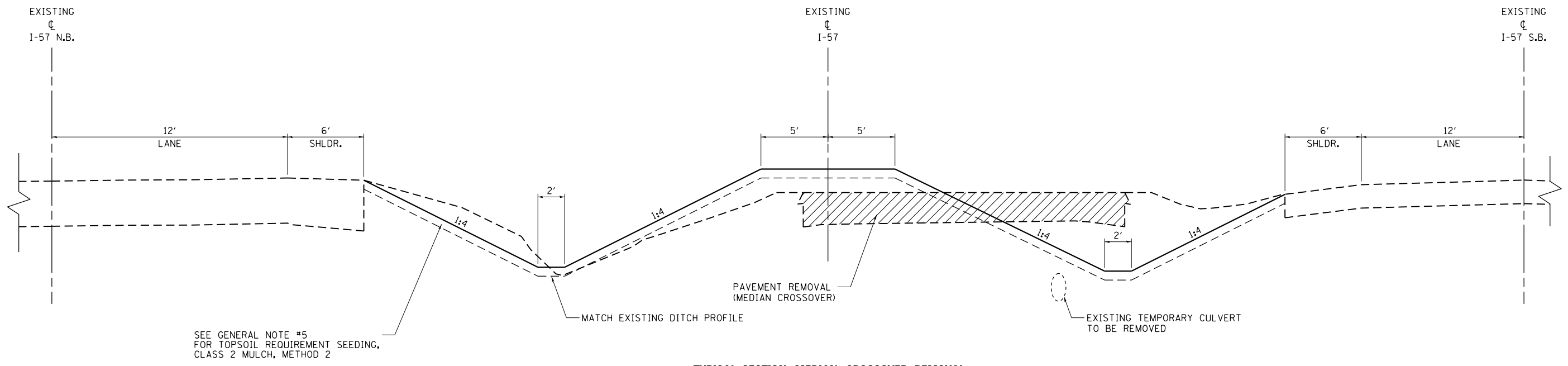
- ① JOINTED P.C.C. PAVEMENT, 9 3/4"
- ② HMA SURFACE COURSE, 2"
- ③ HMA LEVELING BINDER, 1 1/4"
- ④ PAVEMENT CONNECTOR (PCC)-9 3/4"
- ⑤ PAVEMENT CONNECTOR (HMA)-16 1/2"
- ⑥ P.C.C. SHOULDER, 9 3/4"
- ⑦ HMA SHOULDER, 2"
- ⑧ AGGREGATE SHOULDER, TYPE B (8")
- ⑨ STABILIZED SUB-BASE, 4"
- ⑩ SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ⑪ FURNISHED EXCAVATION
- ⑫ HMA SURFACE REMOVAL, VARIABLE DEPTH (1 1/4" - 11")
- ⑬ HMA SURFACE REMOVAL, VARIABLE DEPTH (2" - 3.8")
- ⑭ PAVEMENT REMOVAL
- ⑮ PAVED SHOULDER REMOVAL (12" EST. THICKNESS)
- ⑯ SHOULDER RUMBLE STRIPS, 16 INCH
- ⑰ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ⑱ PIPE UNDERDRAIN, 4"
- ⑲ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑳ STONE RIPRAP, CLASS A4 (1'-6") WITH FILTER FABRIC
- ㉑ CONCRETE CURB, TYPE B
- ㉒ PIPE CULVERTS, CLASS A, TYPE 1 12" W/T.B.F.
- ㉓ TIE BARS
- ㉔ HMA SHOULDER, 6"

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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Default	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

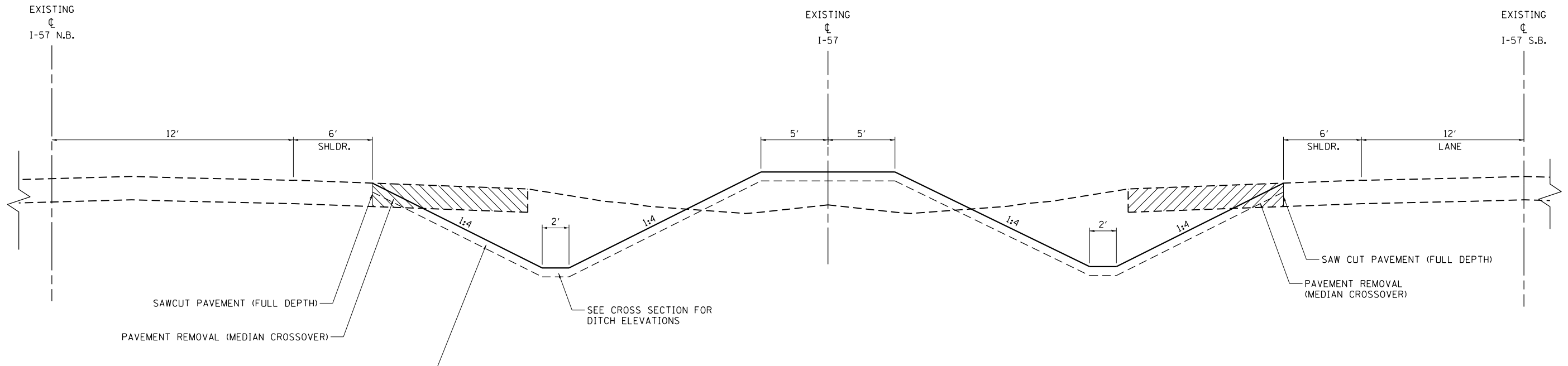
TYPICAL SECTIONS IL 146	
SCALE: N.T.S.	SHEET 4 OF 5 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	14
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION MEDIAN CROSSOVER REMOVAL

I-57 LANES
 LOOKING UPSTATION (SOUTH)
 STA. 2688+11.79 TO STA. 2697+11.53
 STA. 2720+26.40 TO STA. 2730+47.49



TYPICAL SECTION MEDIAN CROSSOVER REMOVAL - PAVEMENT ADJACENT TO MAINLINE

I-57 LANES
 LOOKING UPSTATION (SOUTH)
 STA. 2688+11.79 TO STA. 2697+11.53
 STA. 2720+26.40 TO STA. 2730+47.49

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I-57 MEDIAN CROSSOVER REMOVAL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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... \0978349-sht-Typical-FINAL.dgn	...	CHECKED - JMM	REVISED -		SCALE: N.T.S.	SHEET 5 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
Default	...	DATE - 09/30/16	REVISED -									

EARTHWORK

LOCATION	EARTH EXCAVATION	FOR INFORMATION ONLY				
		EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE) 25%	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		
		CU YD	CU YD	CU YD	CU YD	
IL 146						
269+93.80	TO	276+87.41	294	221	66	155
I-57 NORTHBOUND						
2705+58.45	TO	2711+64.13	428	321	154	167
I-57 SOUTHBOUND						
2707+12.50	TO	2710+62.00	206	155	26	129
STAGE 1						
I-57 NORTHBOUND						
NORTH CROSSOVER			137	103	78	25
SOUTH CROSSOVER			213	160	79	81
STAGE 2						
I-57 SOUTHBOUND						
NORTH CROSSOVER			170	128	87	41
SOUTH CROSSOVER			176	132	45	87
POST STAGE 2						
NORTH CROSSOVER DEGRADING			1,830	1,373	739	634
SOUTH CROSSOVER DEGRADING			1,259	944	265	679
TOTALS			4,713	3,535	1,539	1,996

STORM SEWER

LOCATION STATION TO STATION	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	METAL END SECTIONS 15"	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	PIPE CULVERTS, CLASS A, TYPE 1 12"	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE B, TYPE 3 FRAME AND GRATE		
	EACH	EACH	FOOT	FOOT	EACH	EACH		
IL 146								
269+93.80	TO	276+87.41	2		339	4	4	
STAGE 1 NORTH								
			1	129				
STAGE 1 SOUTH								
			2	64				
STAGE 2 NORTH								
			2	136				
TOTALS			2	5	329	339	4	4

REMOVALS

LOCATION	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	PIPE CULVERT REMOVAL		
	SQ YD	SQ YD	SQ YD	FOOT		
IL 146						
269+93.80	TO	276+87.41		622		
I-57 NORTHBOUND						
2705+58.45	TO	2711+64.13	398	29	1,660	
I-57 SOUTHBOUND						
2707+12.50	TO	2710+62.00	366	12	545	
M. O. T.						
		5,354				
NORTH CROSSOVER REMOVAL					1,275	
SOUTH CROSSOVER REMOVAL					372	
TOTALS			6,118	663	2,205	1,647

PAVING

LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SUBBASE GRANULAR MATERIAL, TYPE A 12"	STABILIZED SUBBASE 4"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	AGGREGATE SHOULDERS, TYPE B	HOT-MIX ASPHALT SHOULDERS, 2"	HOT-MIX ASPHALT SHOULDERS, 6"	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	TEMPORARY PAVEMENT				
	SQ YD	SQ YD	SQ YD	POUND	POUND	TON	TON	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD				
IL 146																			
269+93.80	TO	276+87.41									168.0			708					
I-57 NORTHBOUND																			
2705+58.45	TO	2711+64.13			182	368		117.0			182		1,001	88.0		703			
I-57 SOUTHBOUND																			
2707+12.50	TO	2710+62.00				378	571		37.3	134				39.0	223	13			
STAGE 1 NORTH CROSSOVER			447	73										101.0			323		
STAGE 1 SOUTH CROSSOVER			611	73			359							155.0			441		
STAGE 2 NORTH CROSSOVER			566	93			475							191.0			427		
STAGE 2 SOUTH CROSSOVER			401	93			630							132.0			309		
TOTALS			2,025	332		182	2,210		117.0	37.3	134		182	1,001	874.0	223	13	1,411	1,500

SEEDING

LOCATION	SEEDING, CLASS 2	SEEDING, CLASS 7	TEMPORARY EROSION CONTROL SEEDING	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2		
	ACRE	ACRE	POUND	POUND	POUND	POUND	TON	ACRE		
IL 146										
269+93.80	TO	276+87.41	0.25	0.25	25	32.5	22.5	22.5	0.5	0.50
I-57 NORTHBOUND										
2705+58.45	TO	2711+64.13	0.50	0.50	50	65	45	45	1.0	1.00
I-57 SOUTHBOUND										
2707+12.50	TO	2710+62.00	0.25	0.25	25	32.5	22.5	22.5	0.5	0.50
STAGE 1										
NORTH CROSSOVER			1.00	1.00	100	130	90	90	2.0	2.00
SOUTH CROSSOVER			1.00	1.00	100	130	90	90	2.0	2.00
POST STAGE 2										
NORTH CROSSOVER REMOVAL			2.00	2.00	200	260	180	180	4.0	4.00
SOUTH CROSSOVER REMOVAL			2.00	2.00	200	260	180	180	4.0	4.00
TOTALS			7.00	7.00	700	910	630	630	14.0	14.00

GUARDRAIL

LOCATION				GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS	GUARDRAIL REFLECTOR, TYPE A	TERMINAL MARKER DIRECT APPLIED
				FOOT	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH
I-57 NORTHBOUND											
2704+79.09	TO	2707+74.74	LT			1	1		237.5	4	
2706+36.01	TO	2711+67.86	LT	532							
2707+17.01	TO	2711+91.82	RT	475							
2707+24.17	TO	2707+82.33	RT			1	1			4	
2709+34.70	TO	2711+67.85	LT				1		187.5	4	
2709+42.28	TO	2711+50.44	RT		1		1	162.5		4	1
I-57 SOUTHBOUND											
2707+06.76	TO	2708+02.41	RT				1		50.0	4	
2707+06.76	TO	2710+70.53	RT	364							
2707+11.68	TO	2707+94.83	LT				1	37.5		4	
2707+11.68	TO	2712+18.49	LT	406							
2709+54.79	TO	2710+62.94	LT				1	62.5		4	
2709+62.38	TO	2710+70.53	RT				1		62.5	4	
IL 146											
270+46.45	TO	273+54.60	LT		1		1	212.5		4	1
270+79.16	TO	276+07.53	LT	529							
271+89.52	TO	273+45.17	RT		1		1	60.0		4	1
272+30.45	TO	275+59.29	RT	329							
273+71.37	TO	274+57.02	RT				2			4	
273+80.80	TO	274+66.44	LT				2			4	
274+83.22	TO	275+78.87	RT		1		1			4	1
274+92.64	TO	276+48.29	LT		1		1	60.0		4	1
M. O. T. STAGE 1 - I-57 NORTHBOUND											
2717+29.77	TO	2721+32.14	RT	405							
2705+18.47	TO	2707+93.45	RT	275	1			225.0		4	1
2716+13.97	TO	2721+12.83	RT		2			400.0		6	2
M. O. T. STAGE 2 - I-57 SOUTHBOUND											
2711+68.47	TO	2712+18.49	LT		1						1
TOTALS				3,315	9	2	16	1,220.0	537.5	66	9

EROSION CONTROL

LOCATION				PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS A4	FILTER FABRIC	EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS
				FOOT	EACH	SQ YD	SQ YD	SQ YD	FOOT
IL 146									
269+93.80	TO	276+87.41		900		360	360	700	
I-57 NORTHBOUND									
2705+58.45	TO	2711+64.13		500	5	498	498		30
I-57 SOUTHBOUND									
2707+12.50	TO	2710+62.00		240	5	233	233		
TOTALS				1,640	10	1,091	1,091	700	30

FILE NAME = L:\IDOT\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-Schedule.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
... \0978349-sht-Schedule.dgn		DRAWN - RAH	REVISED -
	PLOT SCALE = 100.0000' / 1"	CHECKED - JMM	REVISED -
Sheet 3	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: N.T.S.	SHEET 3 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	18
				CONTRACT NO. 78349
ILLINOIS FED. AID PROJECT				

BARRIER WALL

LOCATION	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	BARRIER WALL REFLECTORS, TYPE B
	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
IL 146							
269+93.80 TO 276+87.41	700			4			18
STAGE 1 SOUTH CROSSOVER	451		1	1			12
STAGE 2 NORTH CROSSOVER		451			1	1	12
TOTALS	1,151	451	1	5	1	1	42

PIPE UNDERDRAINS

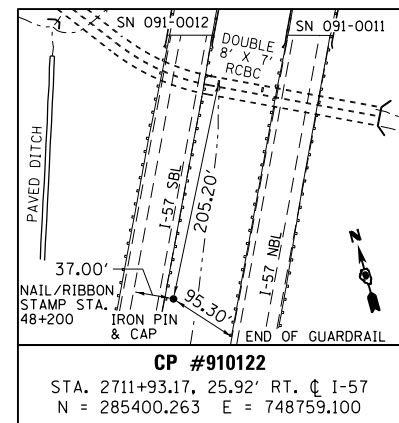
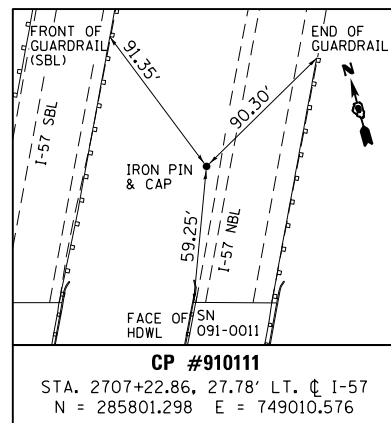
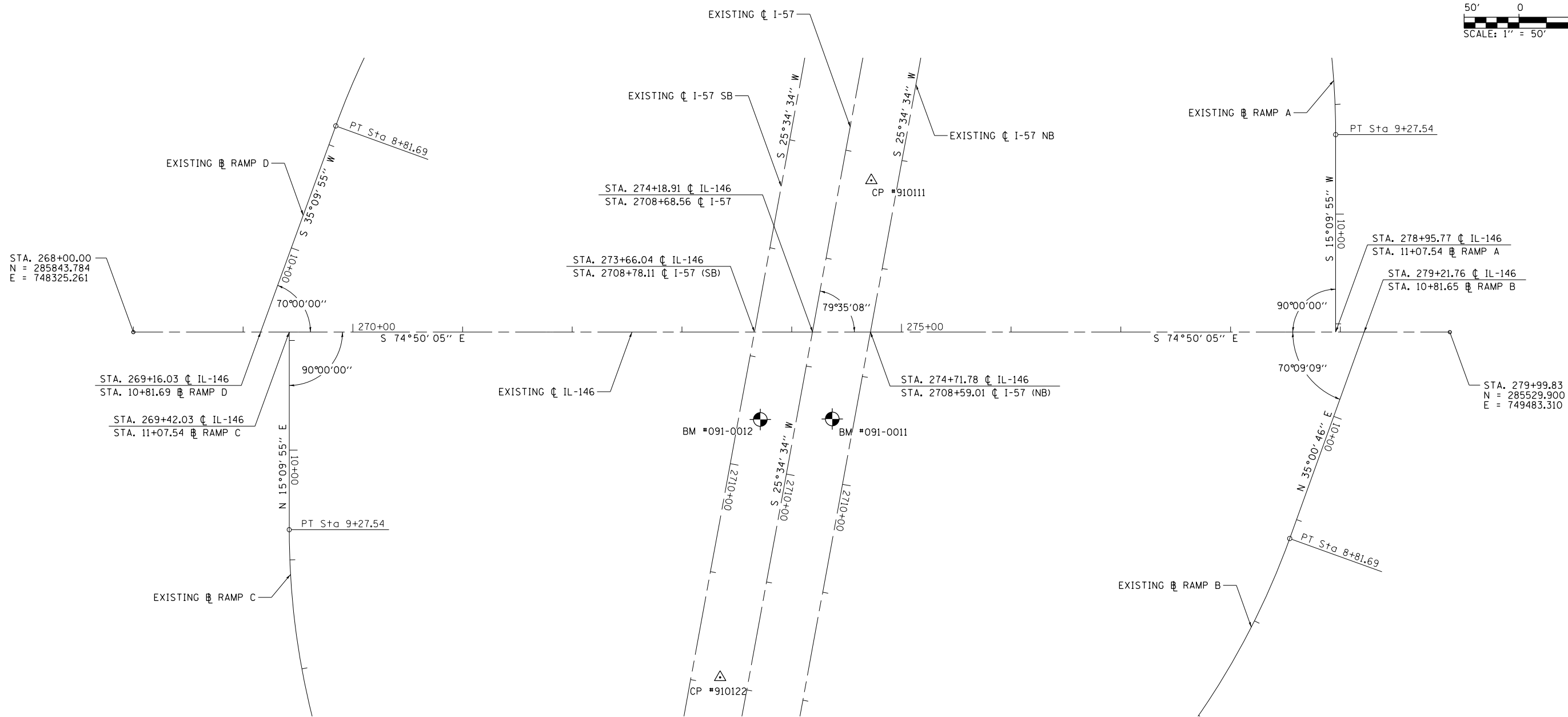
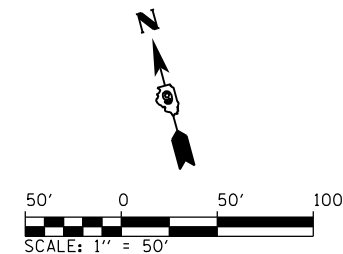
LOCATION	CONCRETE HEADWALLS FOR PIPE DRAINS		PIPE UNDERDRAINS 4" (SPECIAL)	PIPE UNDERDRAINS, TYPE 1, 4"
	FOOT	FOOT	EACH	SQ YD
I-57 NORTHBOUND				
2705+58.45 TO 2711+64.13	4		65	192
I-57 SOUTHBOUND				
2707+12.50 TO 2710+62.00	4		66	173
TOTALS	8		131	365

PAVEMENT MARKING

LOCATION	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	REPLACEMENT REFLECTOR
	FOOT	EACH	EACH	EACH	EACH	EACH
I-57 NORTHBOUND						
2705+58.45 TO 2711+64.13	32,850		90	3		
I-57 SOUTHBOUND						
2707+12.50 TO 2710+62.00	32,850	50	2	3	50	92
TOTALS	65,700	50	92	6	50	92

TEMPORARY PAVEMENT MARKING

LOCATION	PAINT PAVEMENT MARKING - LINE 4"			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING
	SOLID YELLOW	SOLID WHITE	DOULBE YELLOW			
	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT
M. O. T. STAGE 1						
2665+00.00 TO 2672+00.00	500	500		240	80	1,417
2672+00.00 TO 2687+00.00	1,950	1,490		912	304	2,272
2687+00.00 TO 2701+50.00	3,230	4,780	925	1,920	640	5,154
2701+50.00 TO 2716+00.00		1,450	2,900	720	240	3,625
2716+00.00 TO 2743+50.00	2,110	3,450	620	1,776	592	4,310
2743+50.00 TO 2758+50.00	1,500			720	240	1,625
2758+50.00 TO 2772+00.00	1,320			648	216	849
M. O. T. STAGE 2						
2657+00.00 TO 2672+00.00	1,435			696	232	854
2672+00.00 TO 2687+00.00	1500			720	240	1,626
2687+00.00 TO 2701+50.00	1900	3255	760	1,776	592	4,144
2701+50.00 TO 2716+00.00		1450	2900	720	240	3,625
2716+00.00 TO 2743+50.00	3075	5155	1180	2,400	800	5,384
2743+50.00 TO 2758+50.00	1920	1470		720	240	3,251
2758+00.00 TO 2765+00.00	550	550		312	104	364
TOTALS	20,990	23,550	9,285	14,280	4,760	38,500



BENCHMARKS:

- BM #091-0011 - "□" TOP OF HDWL @ S.W. CORNER OF S.N. 091-0011
- BM #091-0012 - "□" ON TOP OF WINGWALL @ S.E. CORNER OF S.N. 091-0012

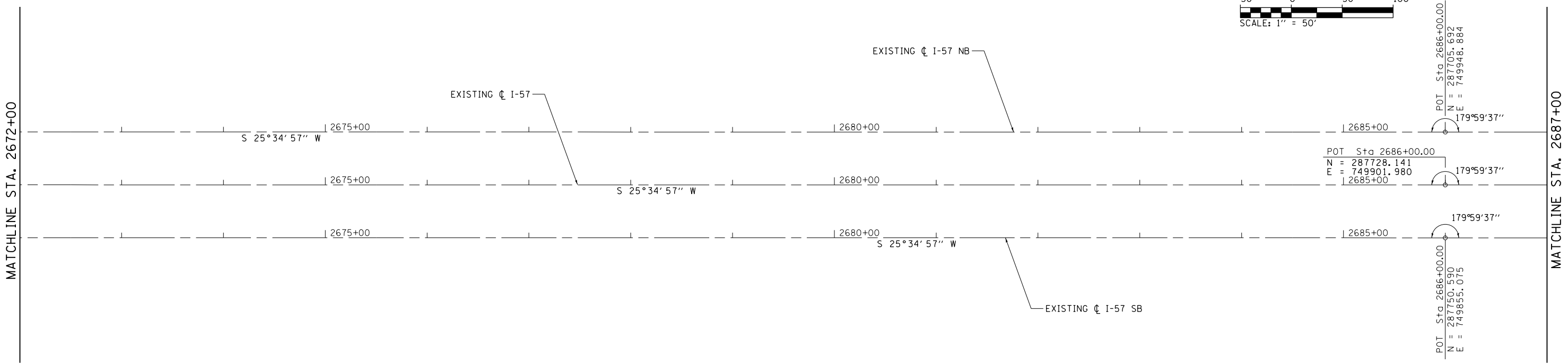
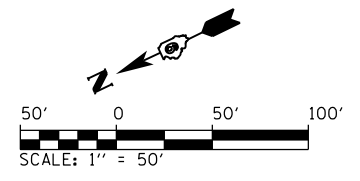
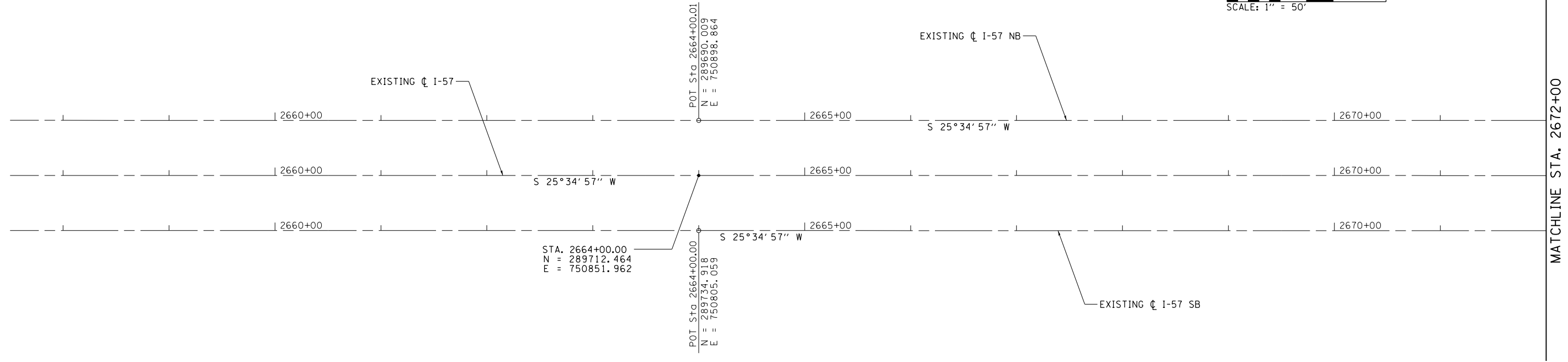
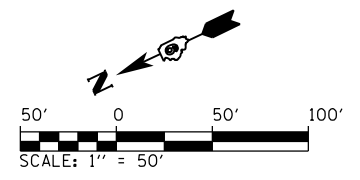
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	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 50' SHEET 1 OF 8 SHEETS STA. 268+00 TO STA. 279+99.83

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	20
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Matt Overbey MJO	DESIGNED - MJO	REVISED -
L:\IDOT\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-ATB-002.dgn	RAH	DRAWN - RAH	REVISED -
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	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

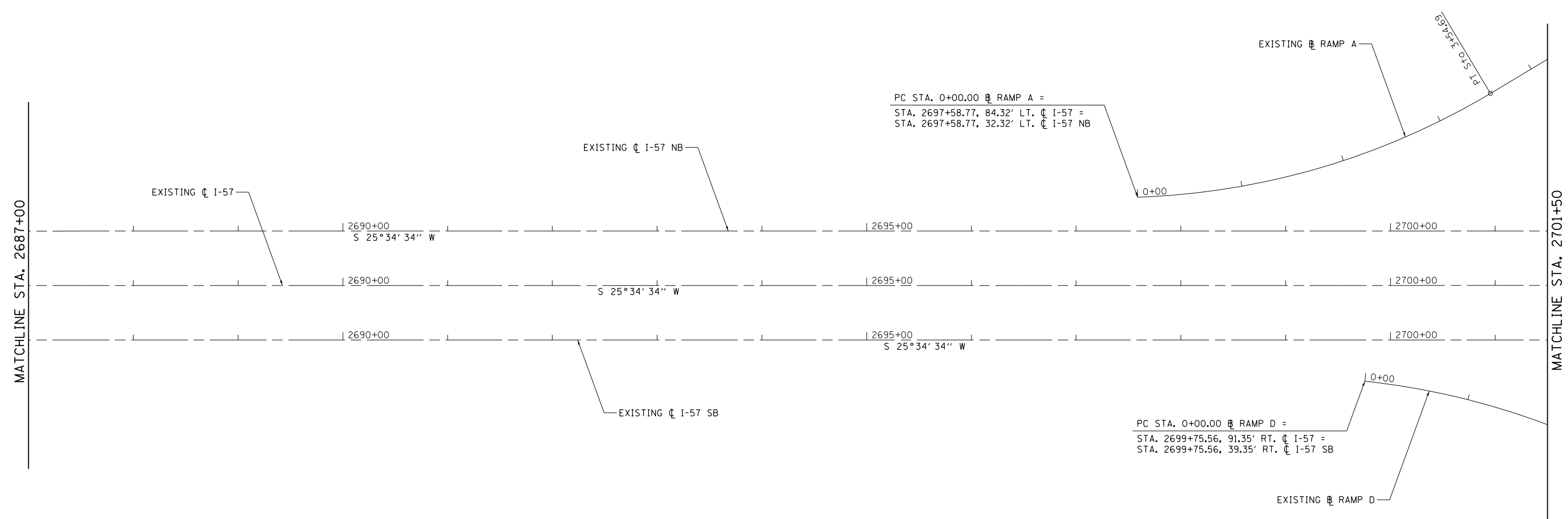
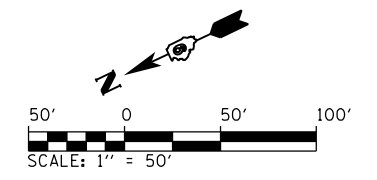
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 50' SHEET 2 OF 8 SHEETS STA. 2664+00 TO STA. 2687+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	21
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

EXIST. RAMP A
 CURVE-1 DATA
 PI STA. = 1+81.21
 Δ = 28° 56' 30" (LT)
 D = 8° 09' 35"
 R = 702.18'
 T = 181.21'
 L = 354.69'
 E = 23.01'
 P.C. STA. = 0+00.00
 P.T. STA. = 3+54.69



PC STA. 0+00.00 RAMP A =
 STA. 2697+58.77, 84.32' LT. I-57 =
 STA. 2697+58.77, 32.32' LT. I-57 NB

PC STA. 0+00.00 RAMP D =
 STA. 2699+75.56, 91.35' RT. I-57 =
 STA. 2699+75.56, 39.35' RT. I-57 SB

EXIST. RAMP D
 CURVE-1 DATA
 PI STA. = 1+95.77
 Δ = 31° 09' 26" (RT)
 D = 8° 09' 35"
 R = 702.18'
 T = 195.77'
 L = 381.84'
 E = 26.78'
 P.C. STA. = 0+00.00
 P.T. STA. = 3+81.84

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. 2687+00 TO STA. 2701+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	22
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

EXIST. RAMP A
 CURVE-2 DATA
 PI STA. = 8+03.58
 $\Delta = 20^\circ 26' 57''$ (RT)
 D = 8° 09' 35"
 R = 702.18'
 T = 126.65'
 L = 250.61'
 E = 11.33'
 P.C. STA. = 6+76.93
 P.T. STA. = 9+27.54

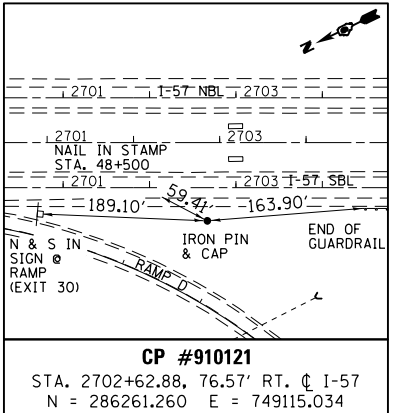
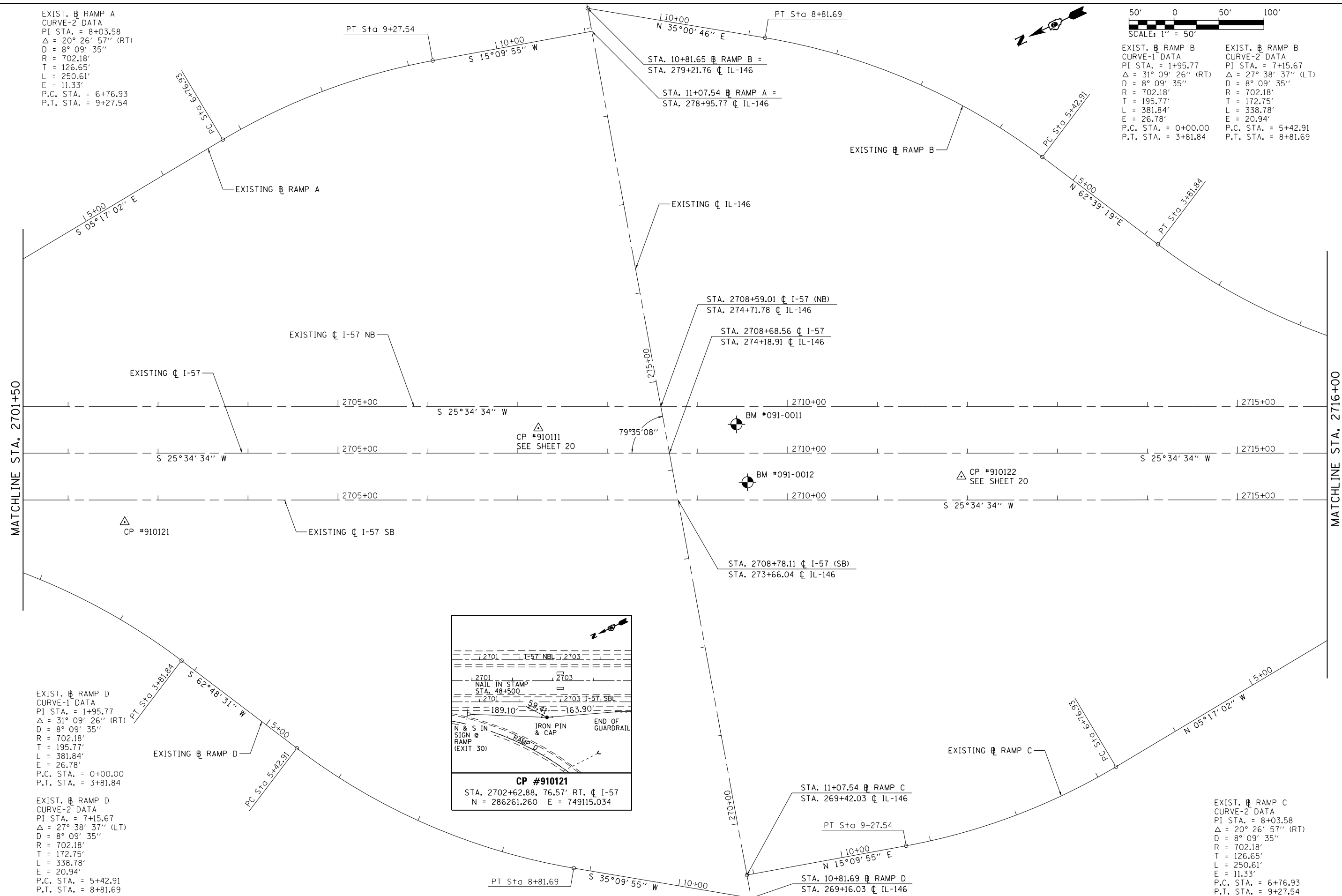
EXIST. RAMP B
 CURVE-1 DATA
 PI STA. = 1+95.77
 $\Delta = 31^\circ 09' 26''$ (RT)
 D = 8° 09' 35"
 R = 702.18'
 T = 195.77'
 L = 381.84'
 E = 26.78'
 P.C. STA. = 0+00.00
 P.T. STA. = 3+81.84

EXIST. RAMP B
 CURVE-2 DATA
 PI STA. = 7+15.67
 $\Delta = 27^\circ 38' 37''$ (LT)
 D = 8° 09' 35"
 R = 702.18'
 T = 172.75'
 L = 338.78'
 E = 20.94'
 P.C. STA. = 5+42.91
 P.T. STA. = 8+81.69

EXIST. RAMP D
 CURVE-1 DATA
 PI STA. = 1+95.77
 $\Delta = 31^\circ 09' 26''$ (RT)
 D = 8° 09' 35"
 R = 702.18'
 T = 195.77'
 L = 381.84'
 E = 26.78'
 P.C. STA. = 0+00.00
 P.T. STA. = 3+81.84

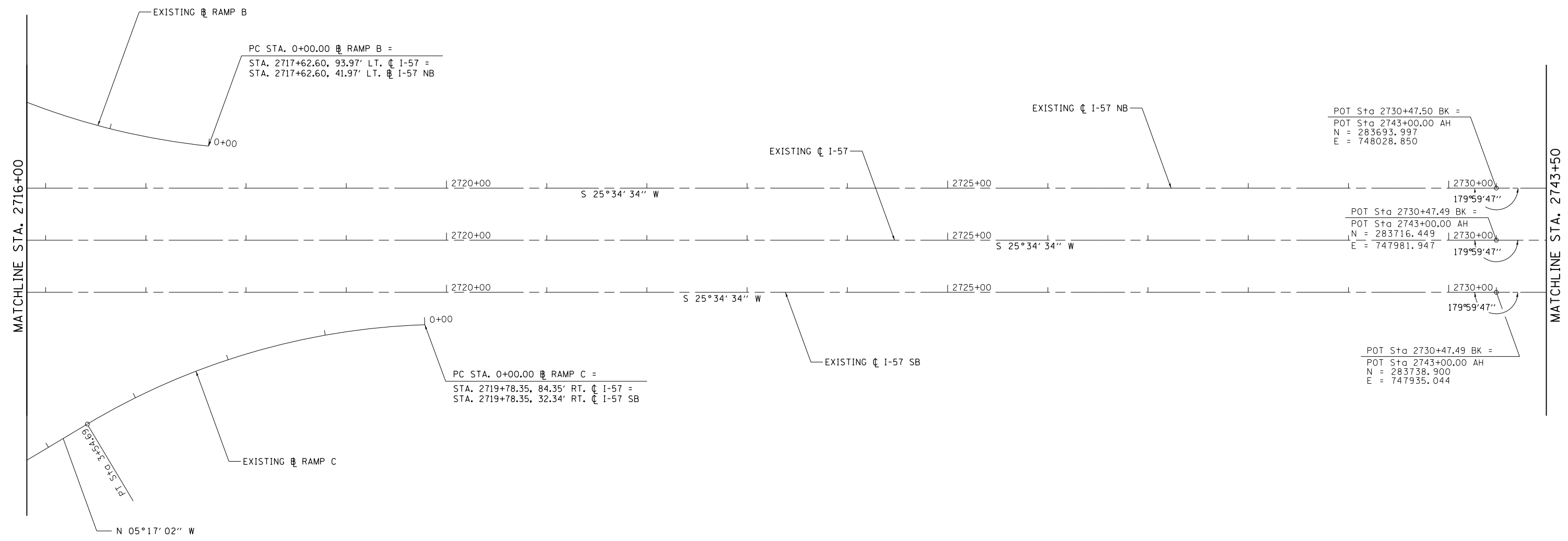
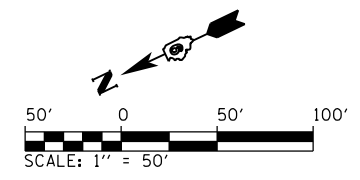
EXIST. RAMP D
 CURVE-2 DATA
 PI STA. = 7+15.67
 $\Delta = 27^\circ 38' 37''$ (LT)
 D = 8° 09' 35"
 R = 702.18'
 T = 172.75'
 L = 338.78'
 E = 20.94'
 P.C. STA. = 5+42.91
 P.T. STA. = 8+81.69

EXIST. RAMP C
 CURVE-2 DATA
 PI STA. = 8+03.58
 $\Delta = 20^\circ 26' 57''$ (RT)
 D = 8° 09' 35"
 R = 702.18'
 T = 126.65'
 L = 250.61'
 E = 11.33'
 P.C. STA. = 6+76.93
 P.T. STA. = 9+27.54



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -					CONTRACT NO. 78349				
	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -					ILLINOIS FED. AID PROJECT				

EXIST. RAMP B
 CURVE-1 DATA
 PI STA. = 1+95.77
 $\Delta = 31^\circ 09' 26''$ (RT)
 D = $8^\circ 09' 35''$
 R = 702.18'
 T = 195.77'
 L = 381.84'
 E = 26.78'
 P.C. STA. = 0+00.00
 P.T. STA. = 3+81.84



PC STA. 0+00.00 RAMP B =
 STA. 2717+62.60, 93.97' LT. C I-57 =
 STA. 2717+62.60, 41.97' LT. R I-57 NB

PC STA. 0+00.00 RAMP C =
 STA. 2719+78.35, 84.35' RT. C I-57 =
 STA. 2719+78.35, 32.34' RT. C I-57 SB

POT Sta 2730+47.50 BK =
 POT Sta 2743+00.00 AH
 N = 283693.997
 E = 748028.850

POT Sta 2730+47.49 BK =
 POT Sta 2743+00.00 AH
 N = 283716.449
 E = 747981.947

POT Sta 2730+47.49 BK =
 POT Sta 2743+00.00 AH
 N = 283738.900
 E = 747935.044

EXIST. RAMP C
 CURVE-1 DATA
 PI STA. = 1+81.22
 $\Delta = 28^\circ 56' 30''$ (LT)
 D = $8^\circ 09' 35''$
 R = 702.18'
 T = 181.22'
 L = 354.69'
 E = 23.01'
 P.C. STA. = 0+00.00
 P.T. STA. = 3+54.69

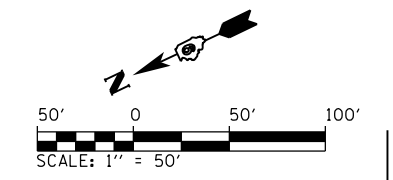
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

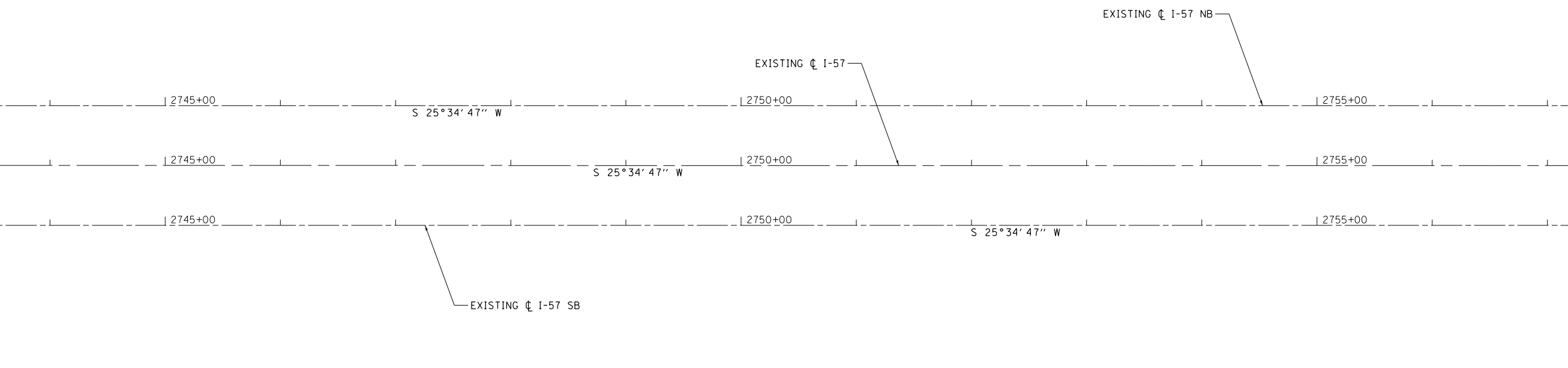
SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. 2716+00 TO STA. 2743+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	24
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



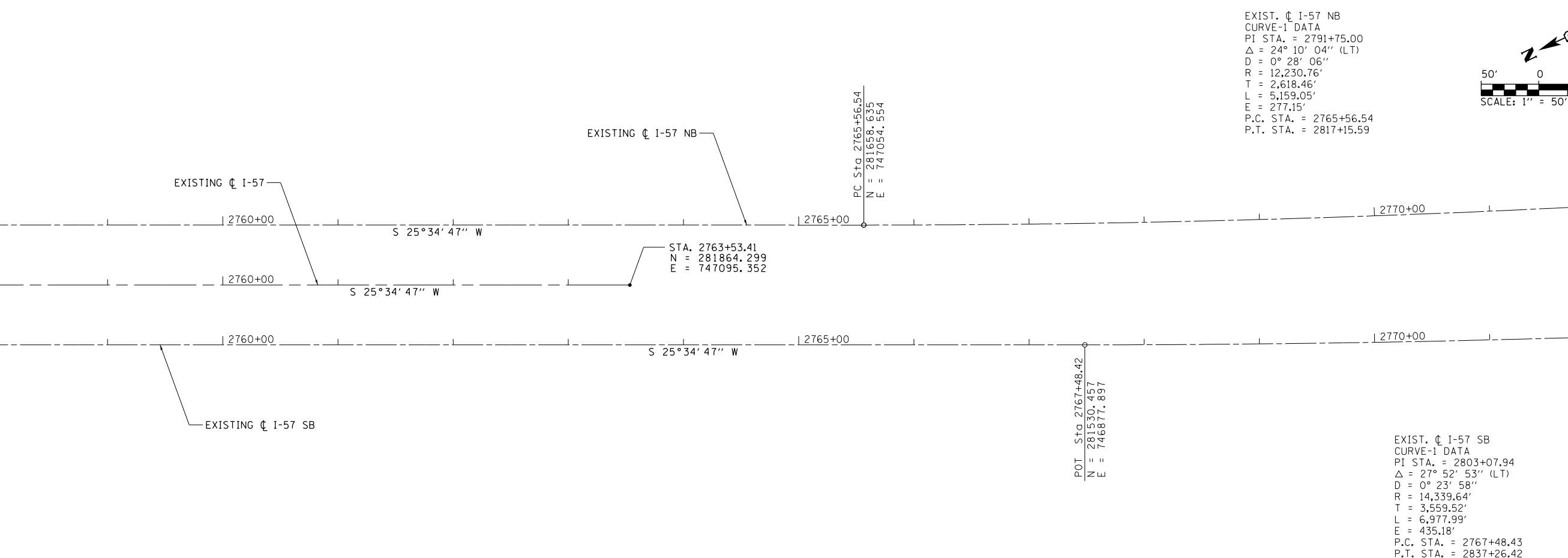
MATCHLINE STA. 2743+50

MATCHLINE STA. 2758+00



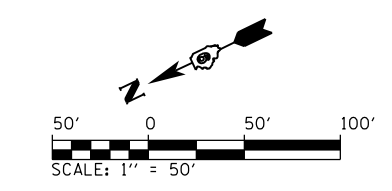
MATCHLINE STA. 2758+00

MATCHLINE STA. 2770+00



EXIST. C I-57 NB
 CURVE-1 DATA
 PI STA. = 2791+75.00
 Δ = 24° 10' 04" (LT)
 D = 0° 28' 06"
 R = 12,230.76'
 T = 2,618.46'
 L = 5,159.05'
 E = 277.15'
 P.C. STA. = 2765+56.54
 P.T. STA. = 2817+15.59

EXIST. C I-57 SB
 CURVE-1 DATA
 PI STA. = 2803+07.94
 Δ = 27° 52' 53" (LT)
 D = 0° 23' 58"
 R = 14,339.64'
 T = 3,559.52'
 L = 6,977.99'
 E = 435.18'
 P.C. STA. = 2767+48.43
 P.T. STA. = 2837+26.42



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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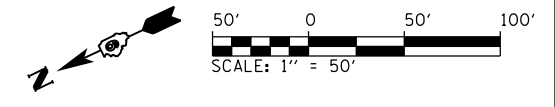
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS			
SCALE: 1" = 50'	SHEET 6 OF 8 SHEETS	STA. 2743+50 TO STA. 2763+53.41	

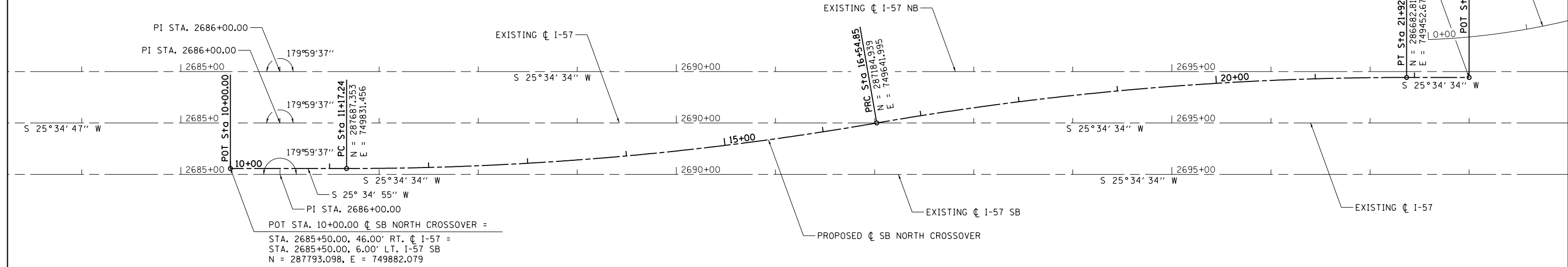
F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	25
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

PROP ϕ SB NORTH CROSSOVER
 CURVE-1 DATA
 PI STA. = 13+86.71
 Δ = 9° 50' 28" (LT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 269.47'
 L = 537.61'
 E = 11.58'
 P.C. STA. = 11+17.24
 P.R.C. STA. = 16+54.85

PROP ϕ SB NORTH CROSSOVER
 CURVE-2 DATA
 PI STA. = 19+24.16
 Δ = 9° 50' 07" (RT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 269.31'
 L = 537.29'
 E = 11.56'
 P.R.C. STA. = 16+54.85
 P.T. STA. = 21+92.14

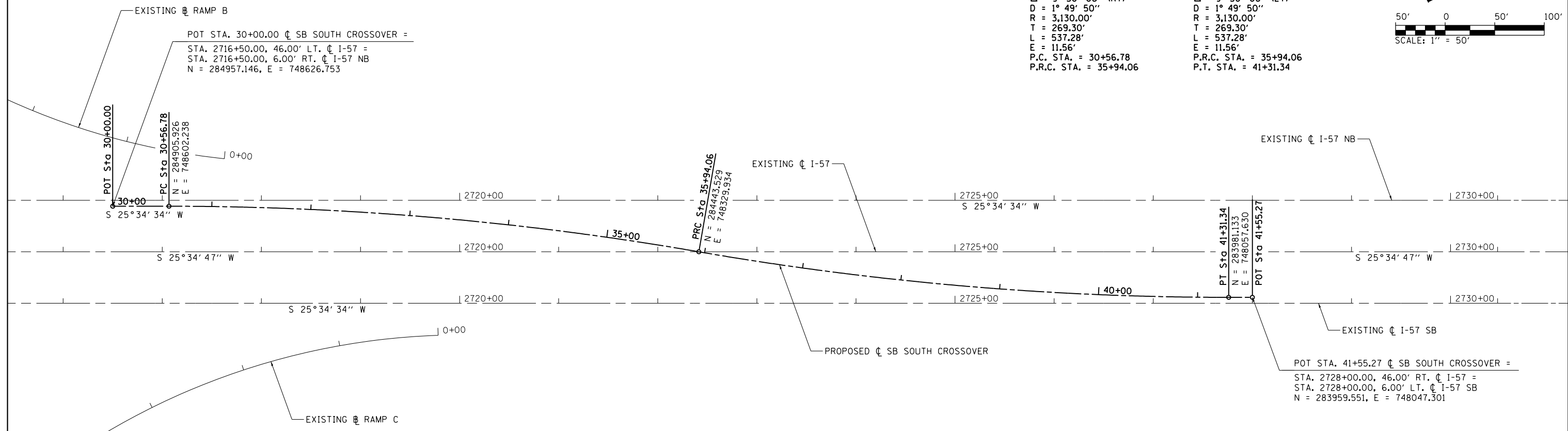
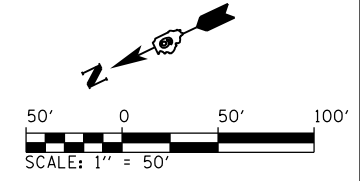


POT STA. 22+55.27 ϕ SB NORTH CROSSOVER =
 STA. 2698+00.00, 46.00' LT. ϕ I-57 =
 STA. 2698+00.00, 6.00' RT. ϕ I-57 NB
 N = 286625.867, E = 749425.418



PROP ϕ SB SOUTH CROSSOVER
 CURVE-1 DATA
 PI STA. = 33+26.09
 Δ = 9° 50' 06" (RT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 269.30'
 L = 537.28'
 E = 11.56'
 P.C. STA. = 30+56.78
 P.R.C. STA. = 35+94.06

PROP ϕ SB SOUTH CROSSOVER
 CURVE-2 DATA
 PI STA. = 38+63.36
 Δ = 9° 50' 06" (LT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 269.30'
 L = 537.28'
 E = 11.56'
 P.R.C. STA. = 35+94.06
 P.T. STA. = 41+31.34



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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...0978349-sht-ATB-SB.Trans.dgn		CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

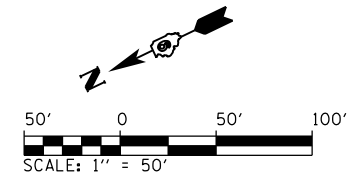
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
 MAINTENANCE OF TRAFFIC - STAGE 1
 SCALE: 1" = 50' SHEET 7 OF 8 SHEETS STA. 2684+00 TO STA. 2730+00

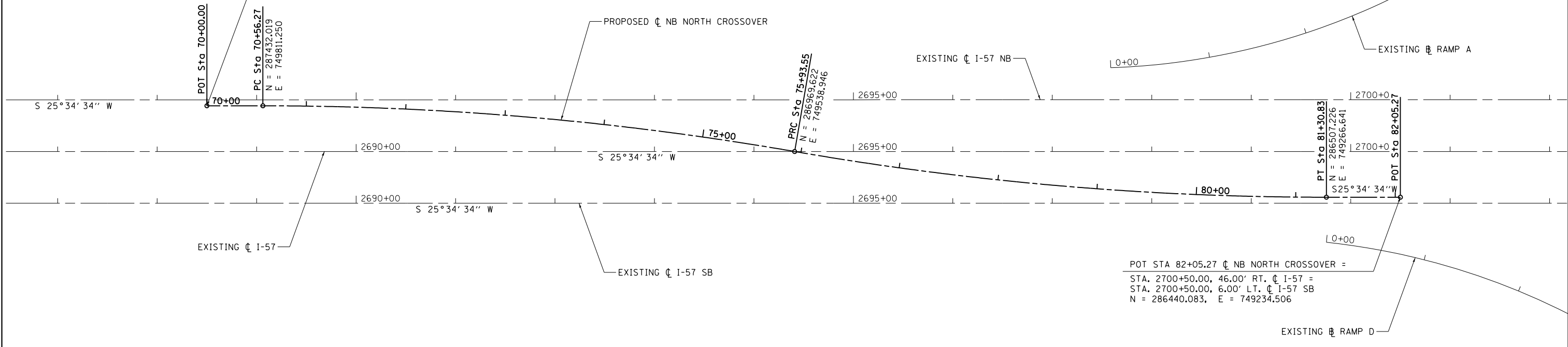
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	26
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

PROP \oslash NB NORTH CROSSOVER
 CURVE-1 DATA
 PI STA. = 73+25.58
 Δ = 9° 50' 06" (RT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 269.30'
 L = 537.28'
 E = 11.56'
 P.C. STA. = 70+56.27
 P.R.C. STA. = 75+93.55

PROP \oslash NB ENTRANCE TRANS.
 CURVE-2 DATA
 PI STA. = 76+36.03
 Δ = 7° 45' 31" (LT)
 D = 1° 50' 07"
 R = 3,122.00'
 T = 211.70'
 L = 422.76'
 E = 7.17'
 P.R.C. STA. = 74+24.32
 P.T. STA. = 78+47.09



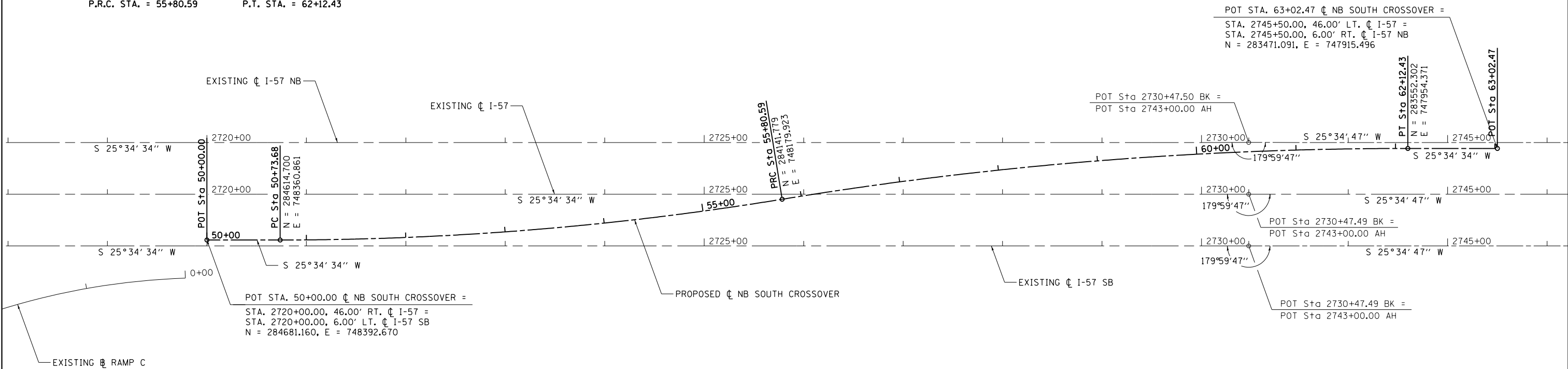
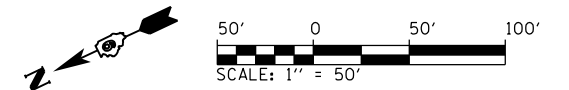
POT STA. 70+00.00 \oslash NB NORTH CROSSOVER =
 STA. 2688+50.00, 46.00' LT. \oslash I-57 =
 STA. 2688+50.00, 6.00' RT. \oslash I-57 NB
 N = 287482.779, E = 749835.544



POT STA 82+05.27 \oslash NB NORTH CROSSOVER =
 STA. 2700+50.00, 46.00' RT. \oslash I-57 =
 STA. 2700+50.00, 6.00' LT. \oslash I-57 SB
 N = 286440.083, E = 749234.506

PROP \oslash NB SOUTH CROSSOVER
 CURVE-1 DATA
 PI STA. = 53+27.69
 Δ = 9° 16' 45" (LT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 254.01'
 L = 506.91'
 E = 10.29'
 P.C. STA. = 50+73.68
 P.R.C. STA. = 55+80.59

PROP \oslash NB SOUTH CROSSOVER
 CURVE-2 DATA
 PI STA. = 58+97.20
 Δ = 9° 16' 57" (RT)
 D = 1° 28' 09"
 R = 3,900.00'
 T = 316.62'
 L = 631.15'
 E = 12.79'
 P.R.C. STA. = 55+80.59
 P.T. STA. = 62+12.43



POT STA. 50+00.00 \oslash NB SOUTH CROSSOVER =
 STA. 2720+00.00, 46.00' RT. \oslash I-57 =
 STA. 2720+00.00, 6.00' LT. \oslash I-57 SB
 N = 284681.160, E = 748392.670

POT STA. 63+02.47 \oslash NB SOUTH CROSSOVER =
 STA. 2745+50.00, 46.00' LT. \oslash I-57 =
 STA. 2745+50.00, 6.00' RT. \oslash I-57 NB
 N = 283471.091, E = 747915.496

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
L:\100T\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-ATB-NB.Trans.dgn		DRAWN - RAH	REVISED -
... \0978349-sht-ATB-NB.Trans.dgn		CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

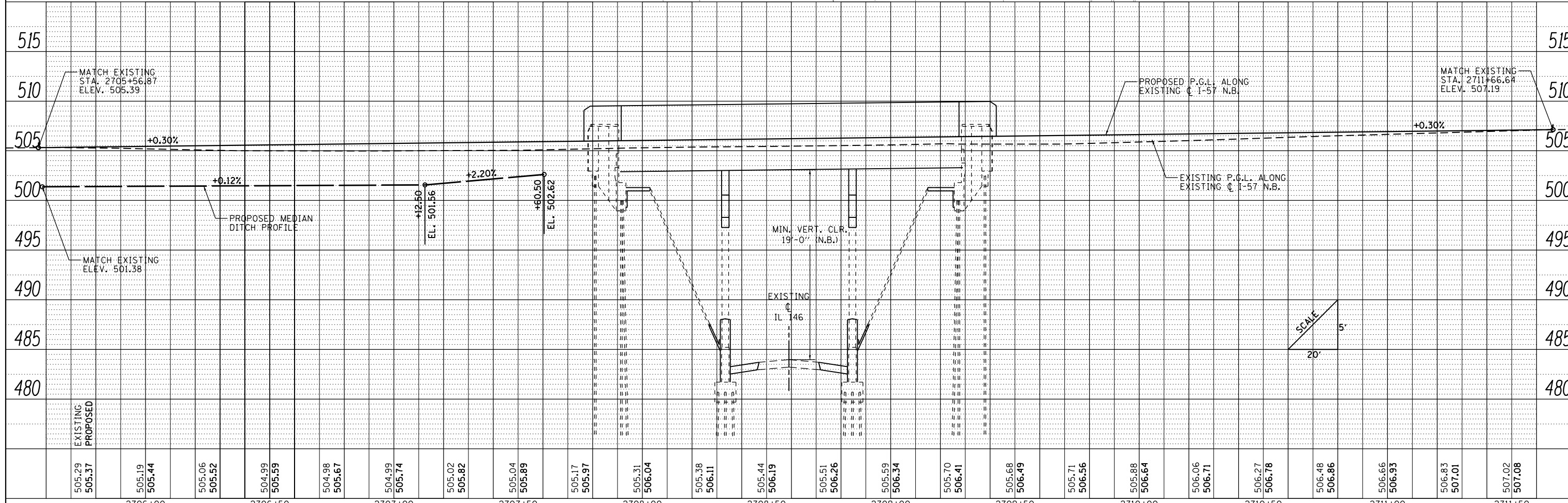
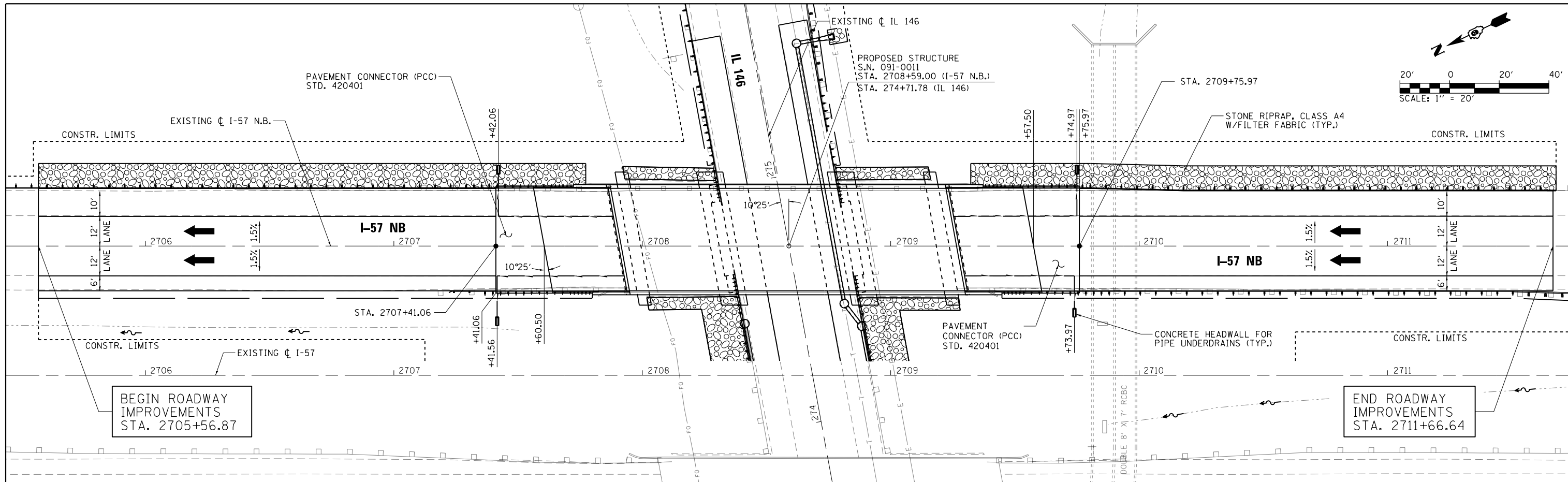
ALIGNMENT, TIES AND BENCHMARKS
 MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 50' SHEET 8 OF 8 SHEETS STA. 2687+00 TO STA. 2746+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	27
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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Default	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

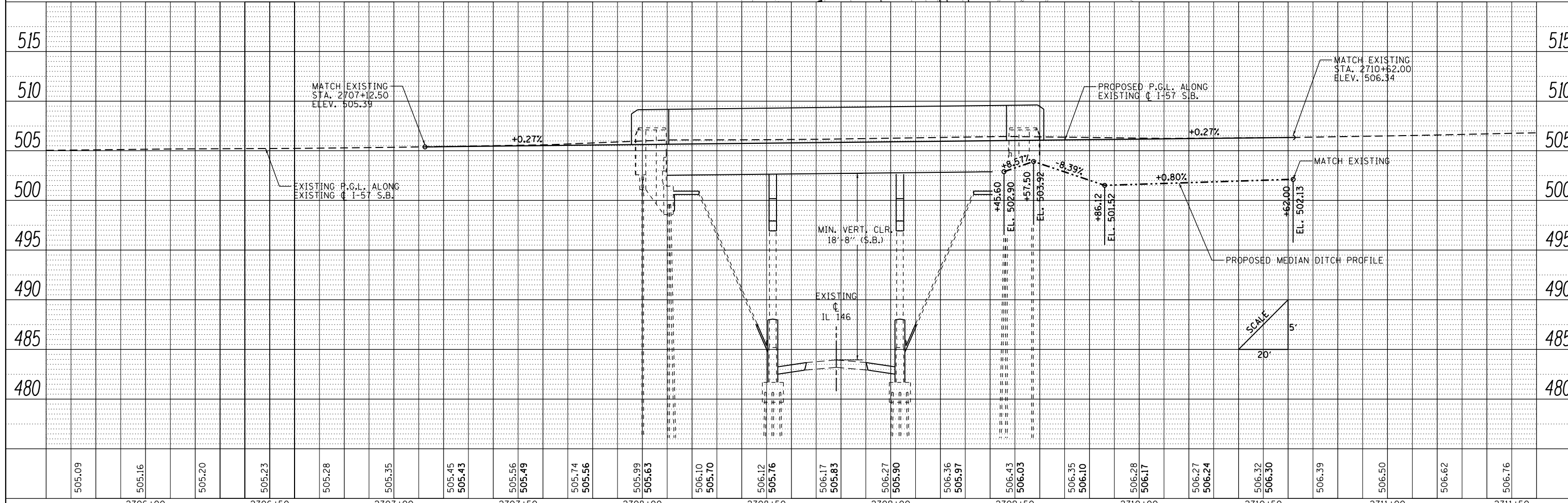
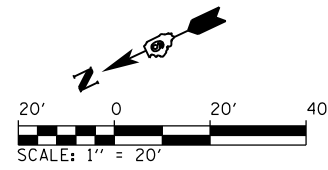
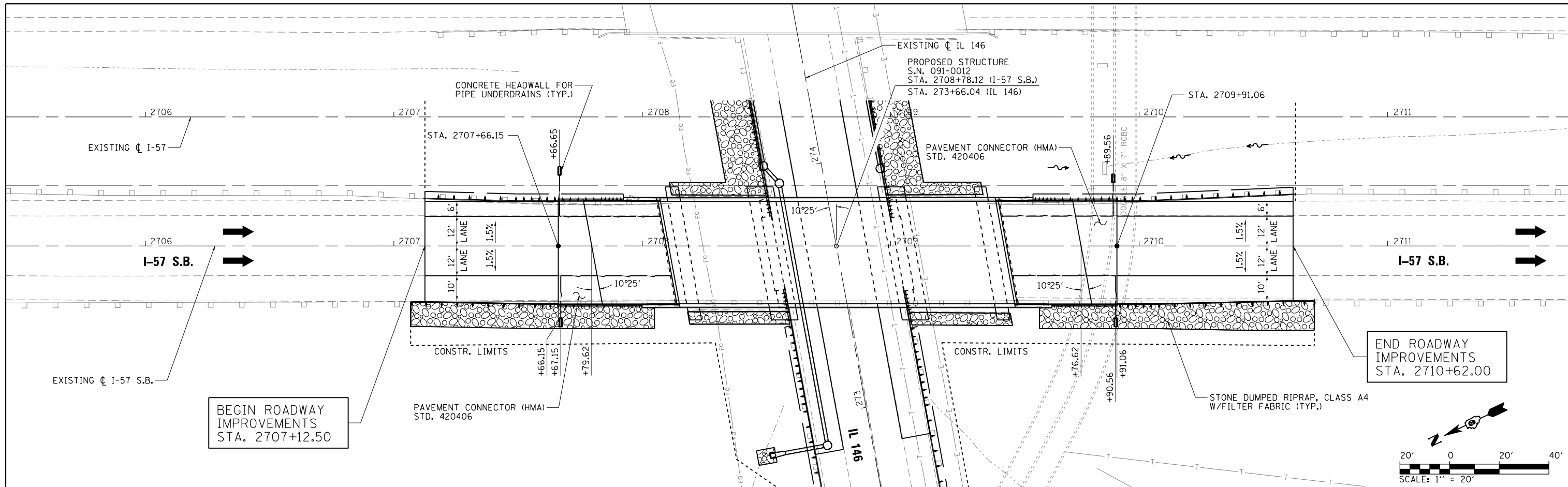
**PLAN AND PROFILE SHEETS
I-57 N.B.**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 2705+56.87 TO STA. 2711+66.64

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	28
CONTRACT NO. 78349			ILLINOIS FED. AID PROJECT	

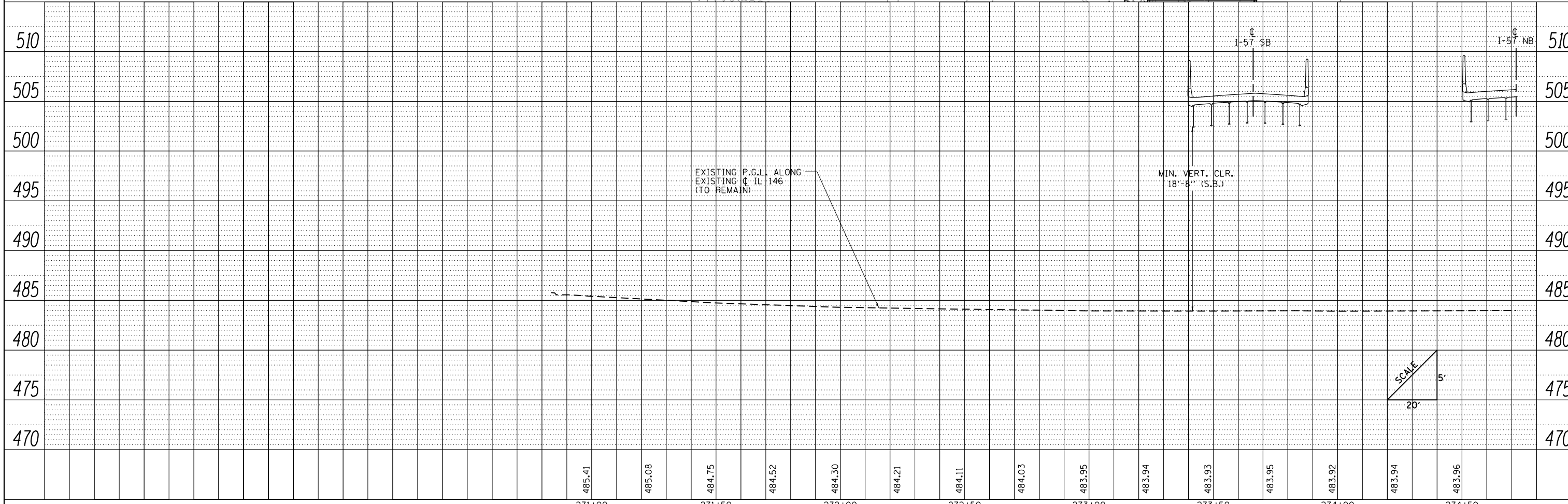
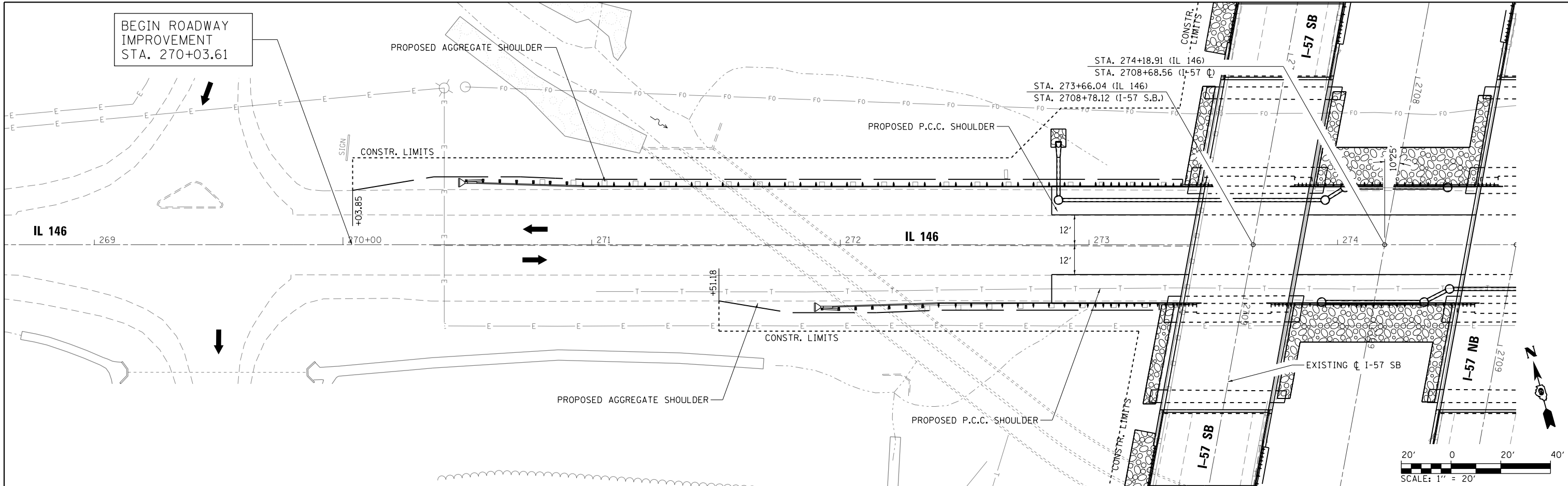
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	
	FILE NAME	



505.09	505.16	505.20	505.23	505.28	505.35	505.45	505.43	505.56	505.49	505.74	505.56	505.99	505.63	506.10	505.70	506.12	505.76	506.17	505.83	506.27	505.90	506.36	505.97	506.43	506.03	506.35	506.10	506.28	506.17	506.27	506.24	506.32	506.30	506.39	506.50	506.62	506.76		
																				2706+00	2706+50	2707+00	2707+50	2708+00	2708+50	2709+00	2709+50	2710+00	2710+50	2711+00	2711+50								

BEGIN ROADWAY IMPROVEMENT STA. 270+03.61



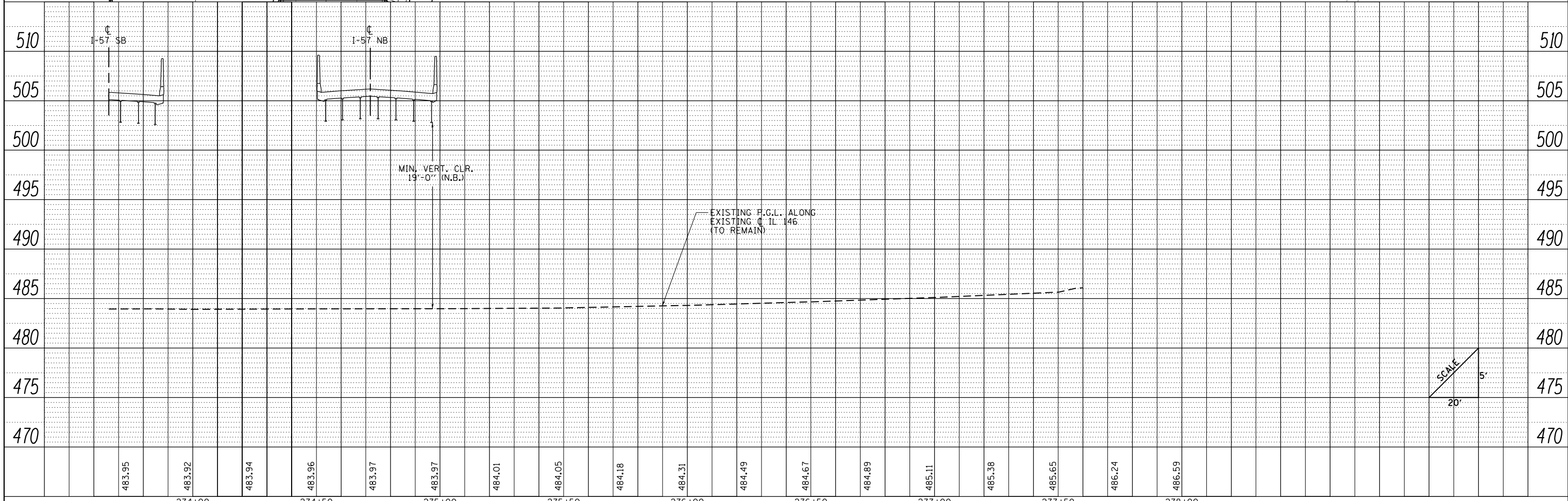
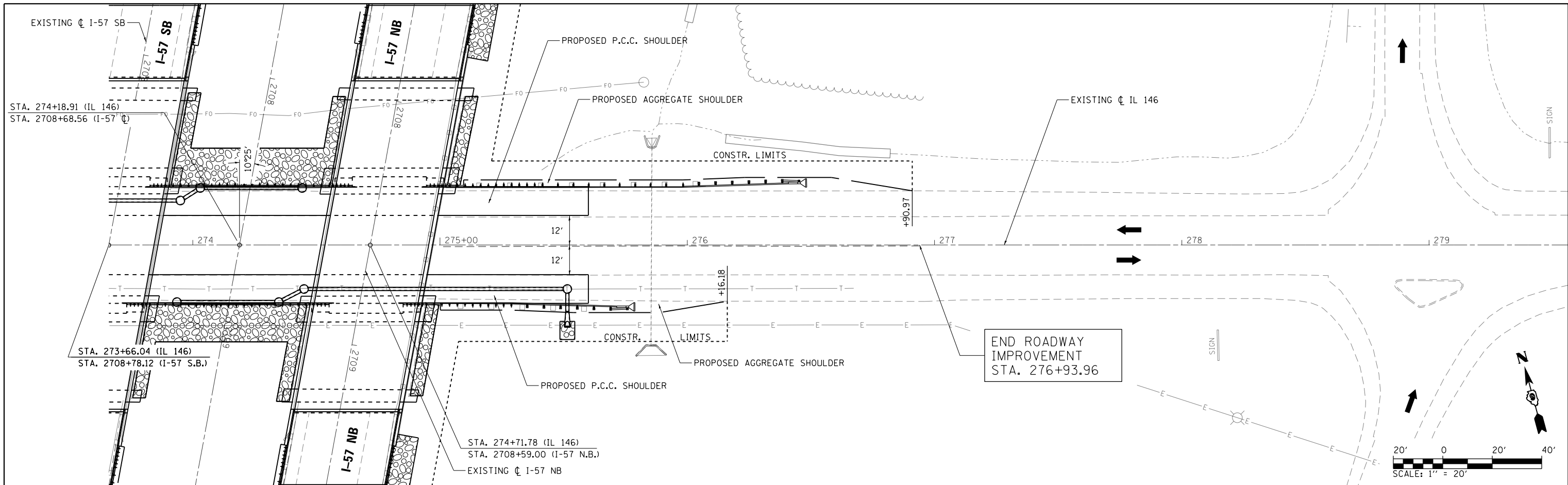
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	PLOTTED	
	ALIGNED	
	CHECKED	
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PROFILE	SURVEYED	DATE
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	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

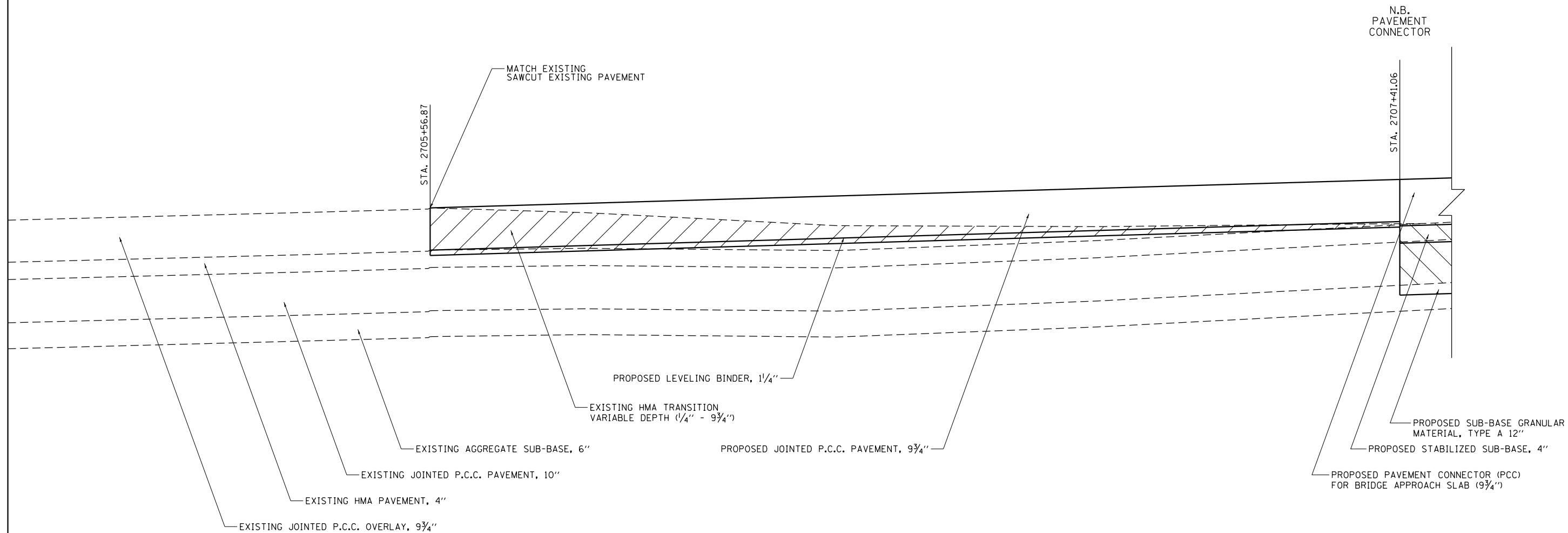
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L:\ID01\0806610\W0_29\Draw\Sheets\Roadway	Plans\0978349-shr-PNP-IL146-001.dgn	DRAWN - RAH	REVISED -		57	(91-3HB)BR-1	UNION	150	30
Default	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -		CONTRACT NO. 78349				
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -		ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	FILED	NO.
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOT AT THIS OFFICE
	NO.	



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS IL 146				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\IDOT\0806610\W0_29\Draw\Sheets\Roadway	Plans\0978349-shr-PNP-IL146-002.dgn	DRAWN - RAH	REVISED -		57	(91-3HB)BR-1	UNION	150	31				
Default	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -		CONTRACT NO. 78349								
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -		ILLINOIS FED. AID PROJECT								



LEGEND

	HMA SURFACE REMOVAL, VARIABLE DEPTH (1 1/4" - 11")
	PAVEMENT REMOVAL

**I-57 NORTHBOUND - NORTH BRIDGE APPROACH
PAVEMENT TRANSITION PROFILE**

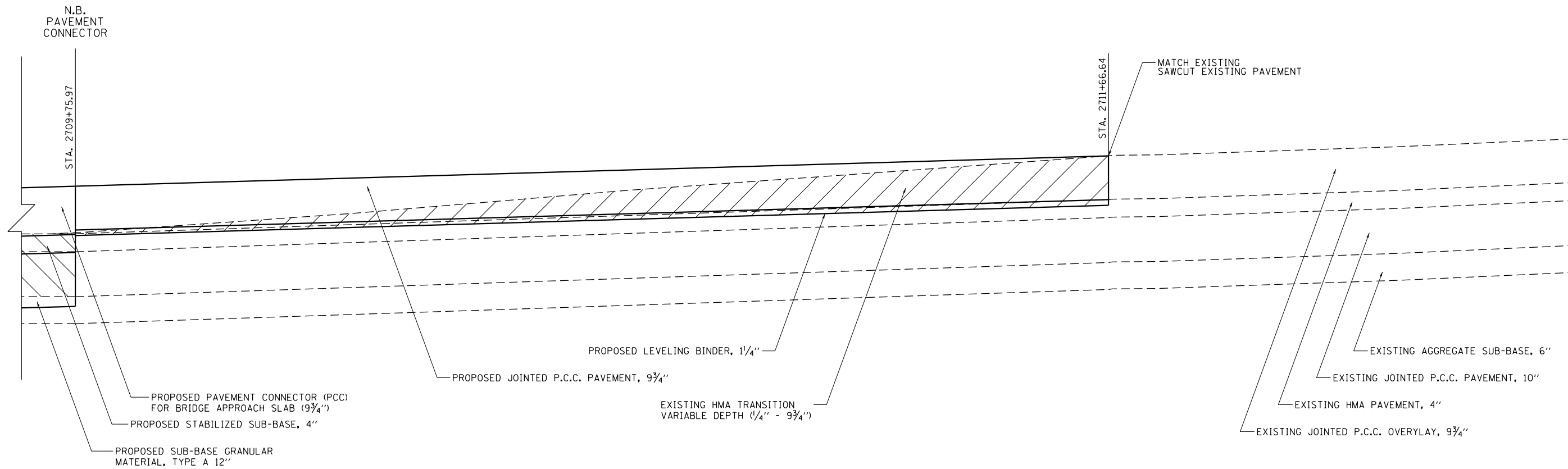
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... \0978349-sht-NB Transition Detail.dgn	PLOT SCALE = 20.0000' / in.	CHECKED - JMM	REVISED -
Sheet 1	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT TRANSITION PROFILES
I-57**

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	32
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

	HMA SURFACE REMOVAL, VARIABLE DEPTH (1 1/4" - 11")
	PAVEMENT REMOVAL

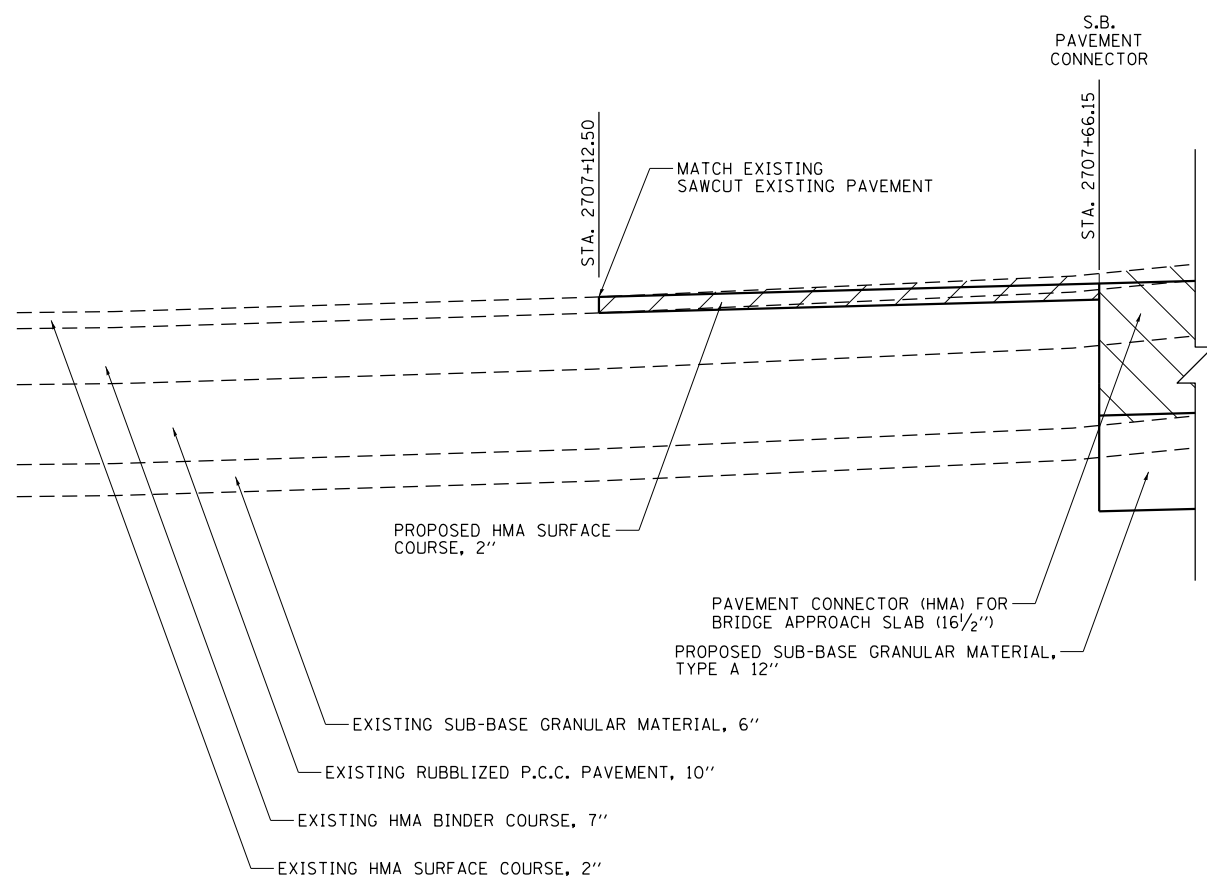
**I-57 NORTHBOUND - SOUTH BRIDGE APPROACH
PAVEMENT TRANSITION PROFILE**

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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Sheet 2	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

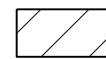
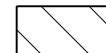
PAVEMENT TRANSITION PROFILES			
I-57			
SCALE: N.T.S.	SHEET 2 OF 3 SHEETS	STA.	TO STA.

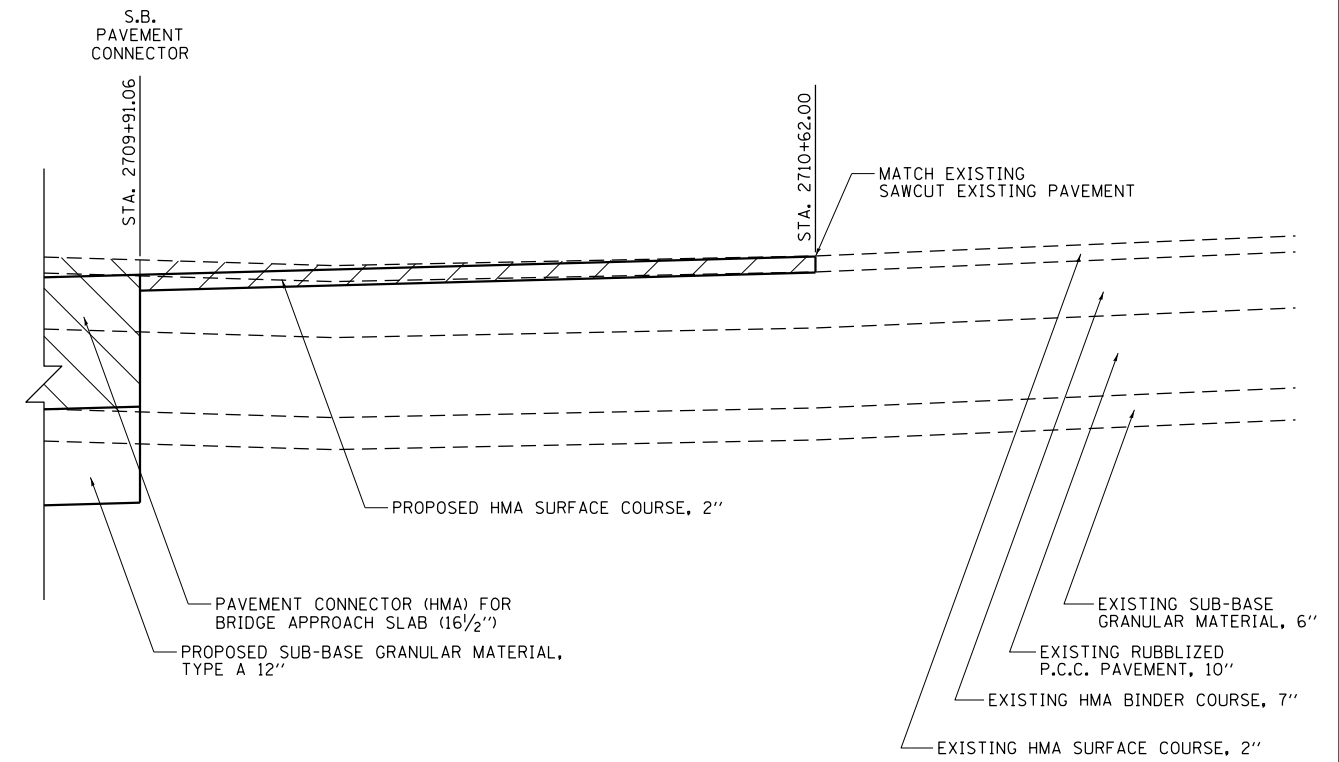
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	33
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



**I-57 SOUTHBOUND – NORTH BRIDGE APPROACH
PAVEMENT TRANSITION PROFILE**

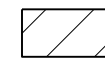
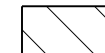
LEGEND

-  HMA SURFACE REMOVAL, VARIABLE DEPTH (2" - 3.3")
-  PAVEMENT REMOVAL



**I-57 SOUTHBOUND – SOUTH BRIDGE APPROACH
PAVEMENT TRANSITION PROFILE**

LEGEND

-  HMA SURFACE REMOVAL, VARIABLE DEPTH (2" - 3.8")
-  PAVEMENT REMOVAL

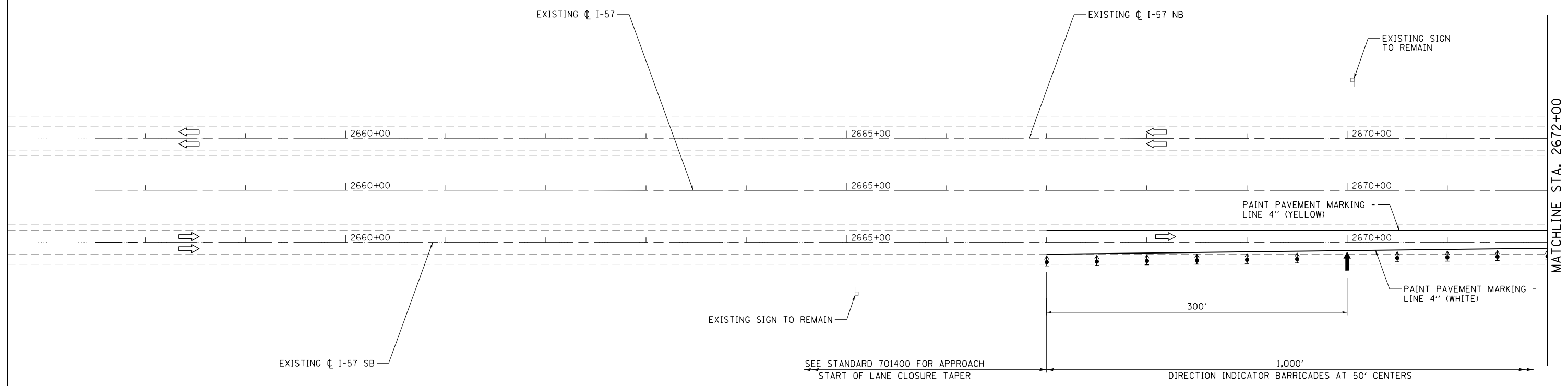
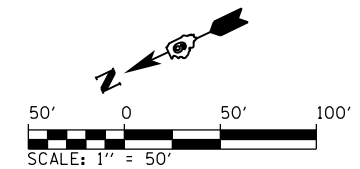
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Default	PLT SCALE = 20.0000' / in.	CHECKED - JMM	REVISED -
	PLT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT TRANSITION PROFILES
I-57**

SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	34
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



NOTE:
1. ENGINEER TO DETERMINE LOCATION OF SPEED DISPLAY TRAILER

LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER

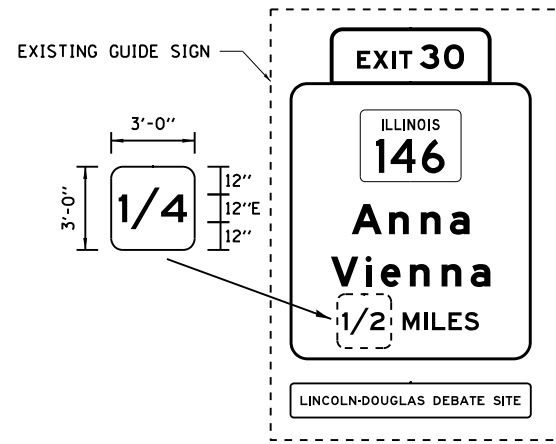
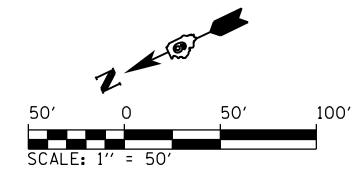
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...	...	CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 1
I - 57**

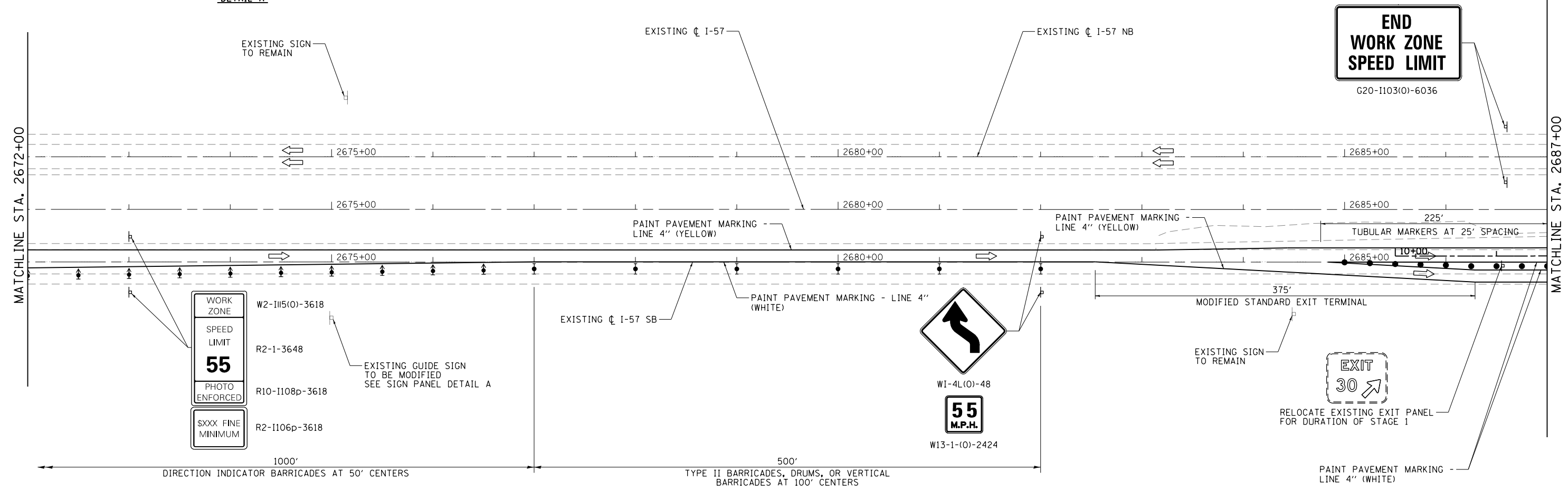
SCALE: 1" = 50' SHEET 1 OF 7 SHEETS STA. 2664+00 TO STA. 2672+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	35
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



NOTE: PLACE 1/4 (MILE) DISTANCE PANEL OVER 1/2 (MILE) LABEL FOR DURATION OF STAGE 1 TO ACCOUNT FOR CHANGE IN DISTANCE TO THE EXIT FROM THE GUIDE SIGN.

DETAIL A



LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER

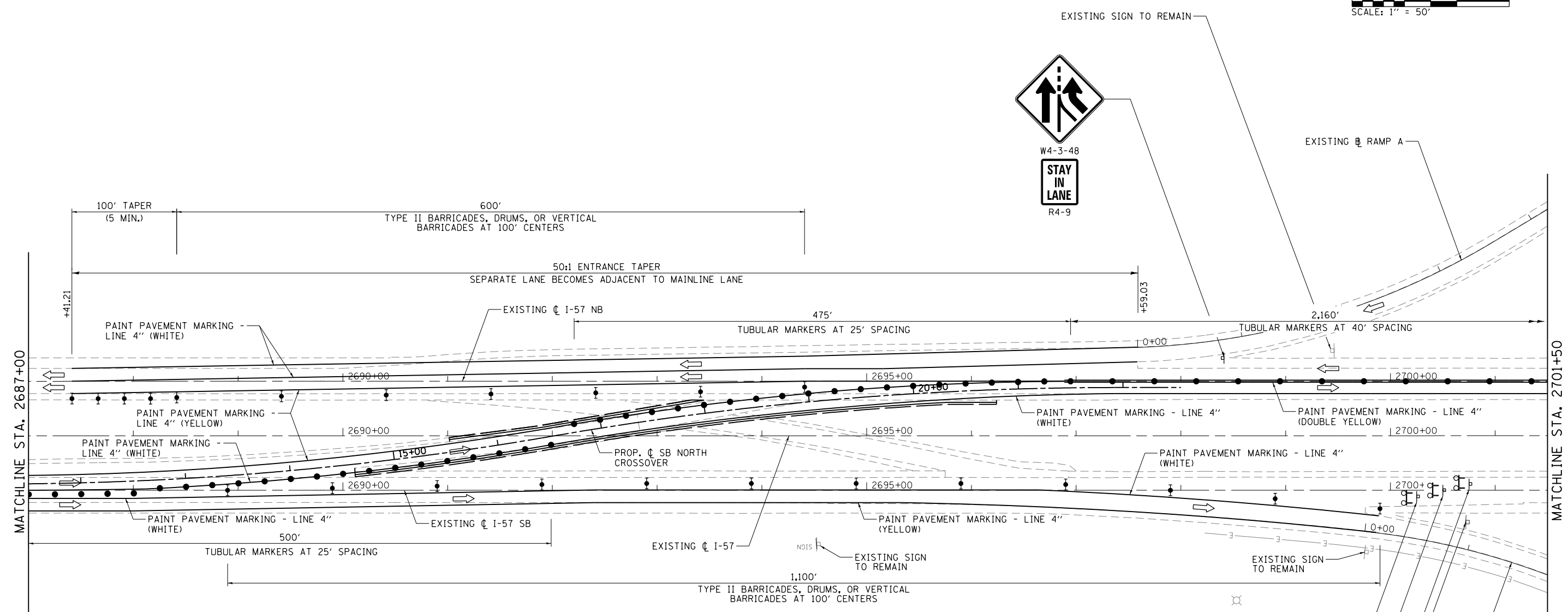
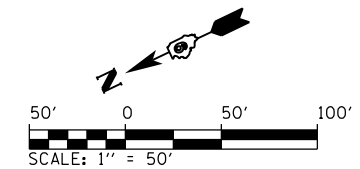
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Default	PLLOT SCALE = 100.0000' / 1in.	CHECKED - JMM	REVISED -
	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 1
I - 57**

SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. 2672+00 TO STA. 2687+00

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	36
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

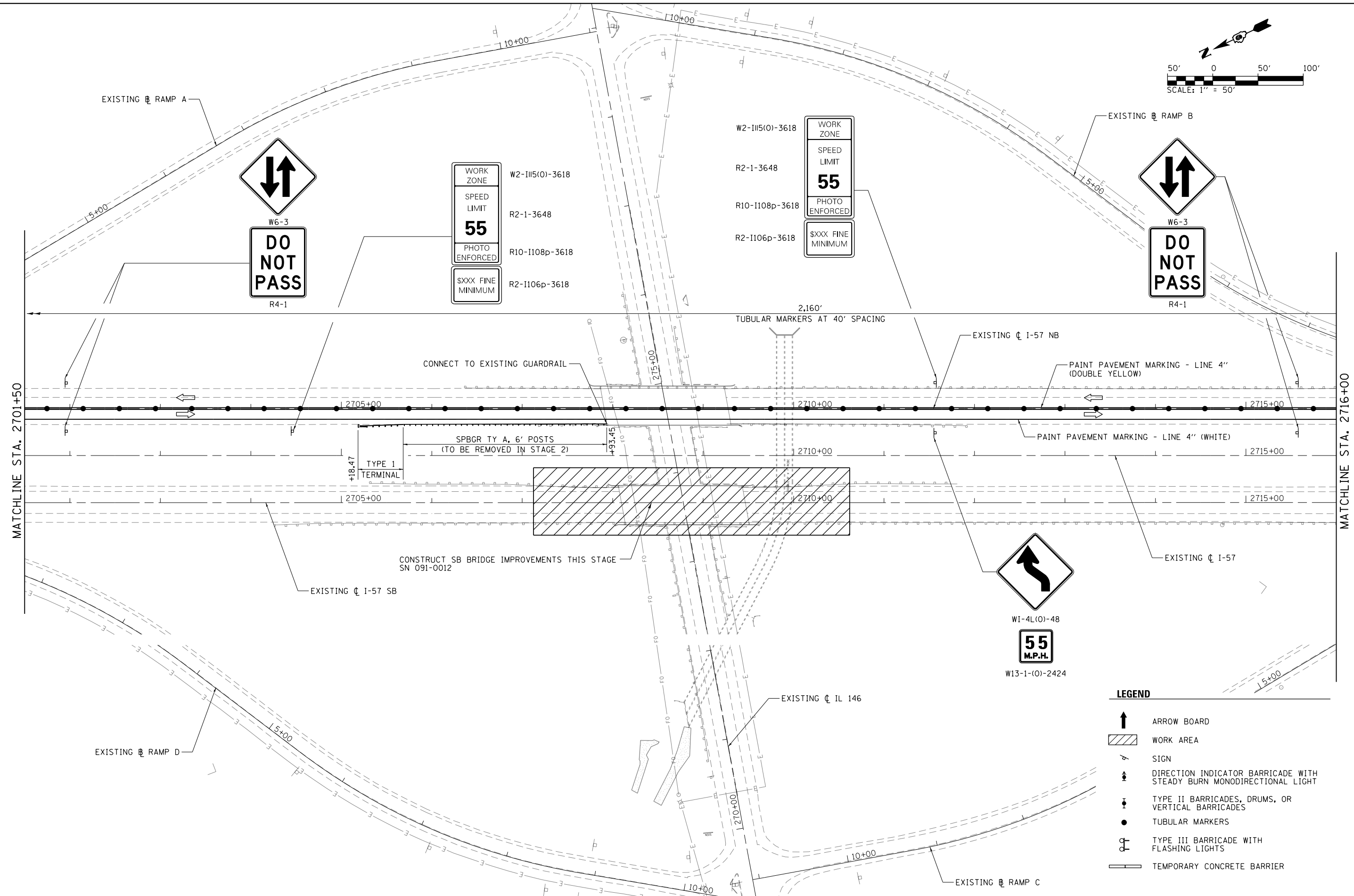
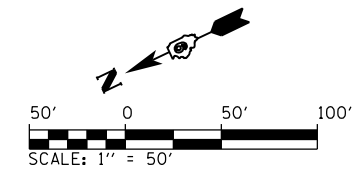
- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 1			
I - 57			
SCALE: 1" = 50'	SHEET 3 OF 7 SHEETS	STA. 2687+00 TO STA. 2701+50	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	37
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



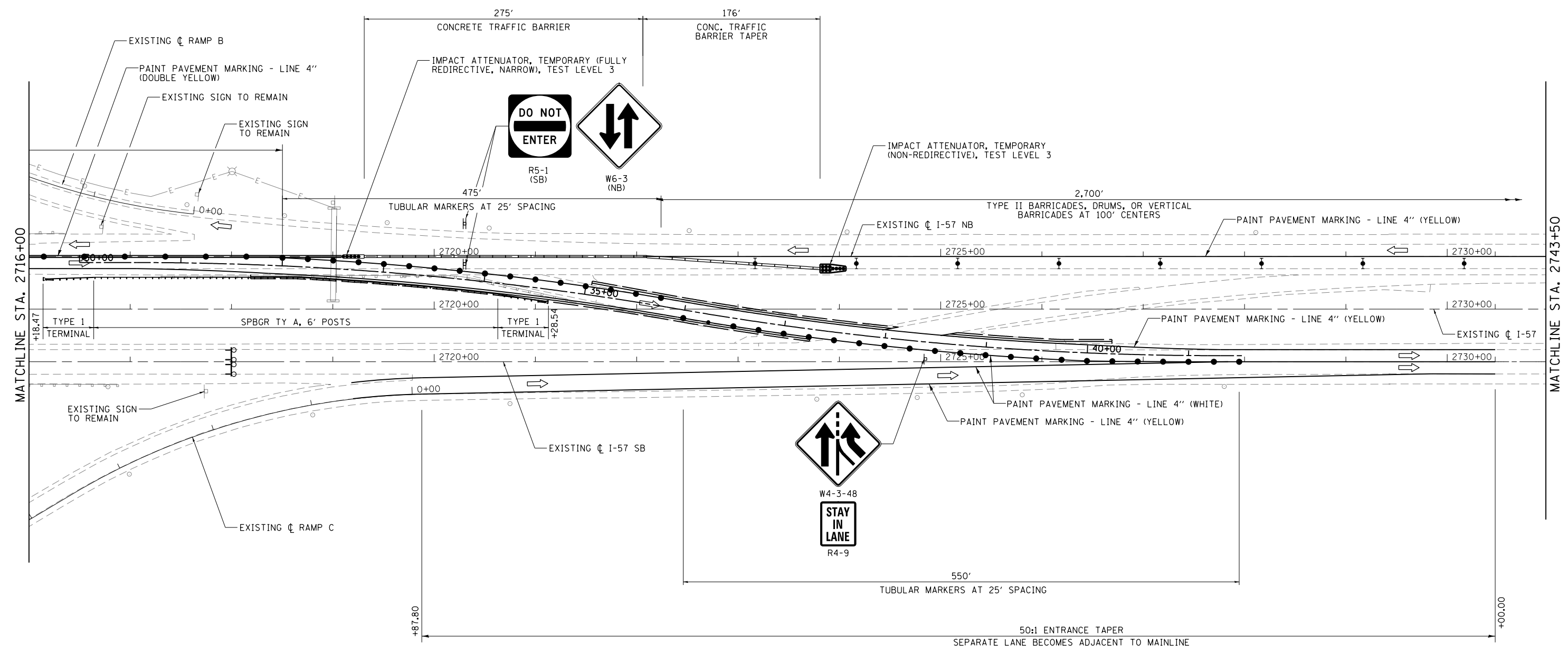
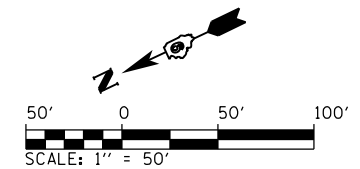
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - STAGE 1
I - 57**

SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. 2701+50 TO STA. 2716+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	38
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
-  TUBULAR MARKERS
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY CONCRETE BARRIER

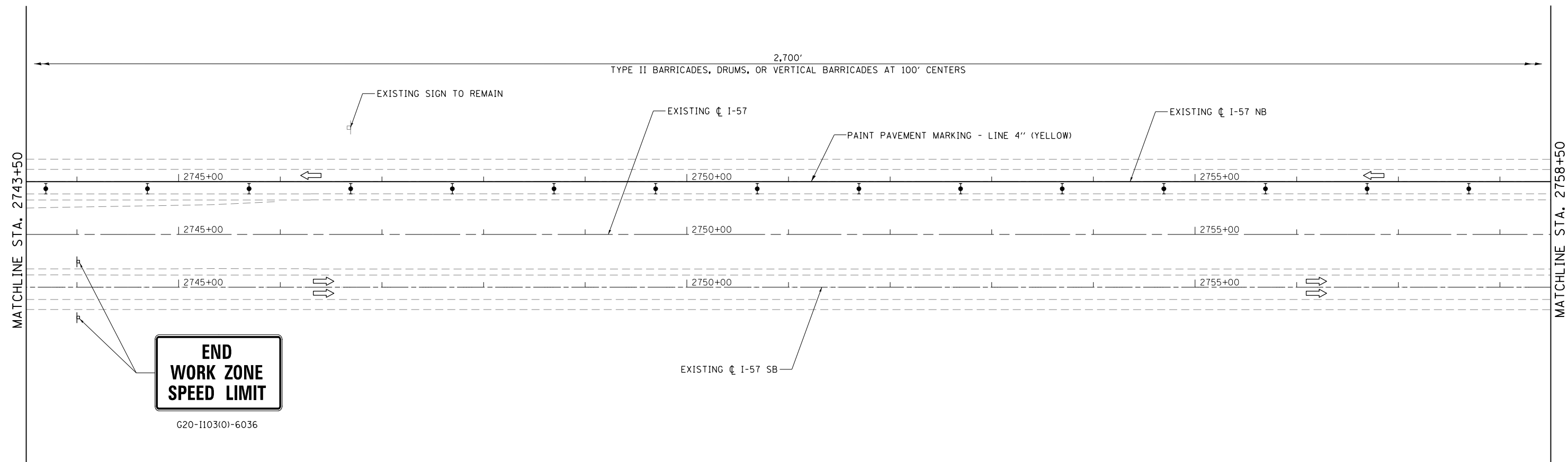
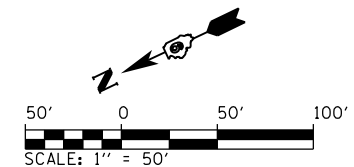
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Default	PLLOT SCALE = 100.0000' / 1in.	CHECKED - JMM	REVISED -
	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - STAGE 1
I - 57**

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. 2716+00 TO STA. 2743+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	39
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
-  TUBULAR MARKERS
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY CONCRETE BARRIER

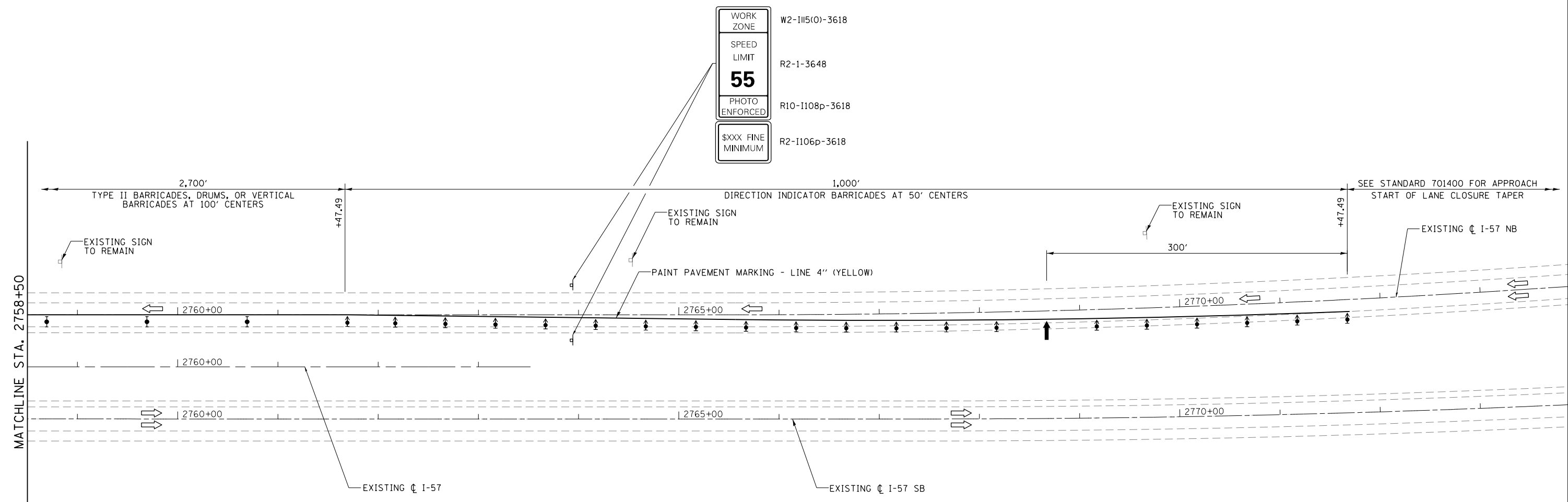
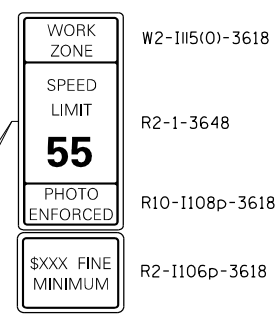
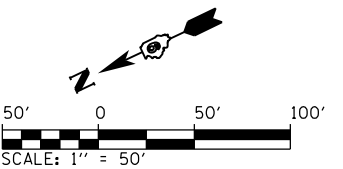
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 1
I - 57**

SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. 2743+50 TO STA. 2758+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	40
				CONTRACT NO. 78349
ILLINOIS FED. AID PROJECT				



NOTE:
1. ENGINEER TO DETERMINE LOCATION OF SPEED DISPLAY TRAILER

LEGEND

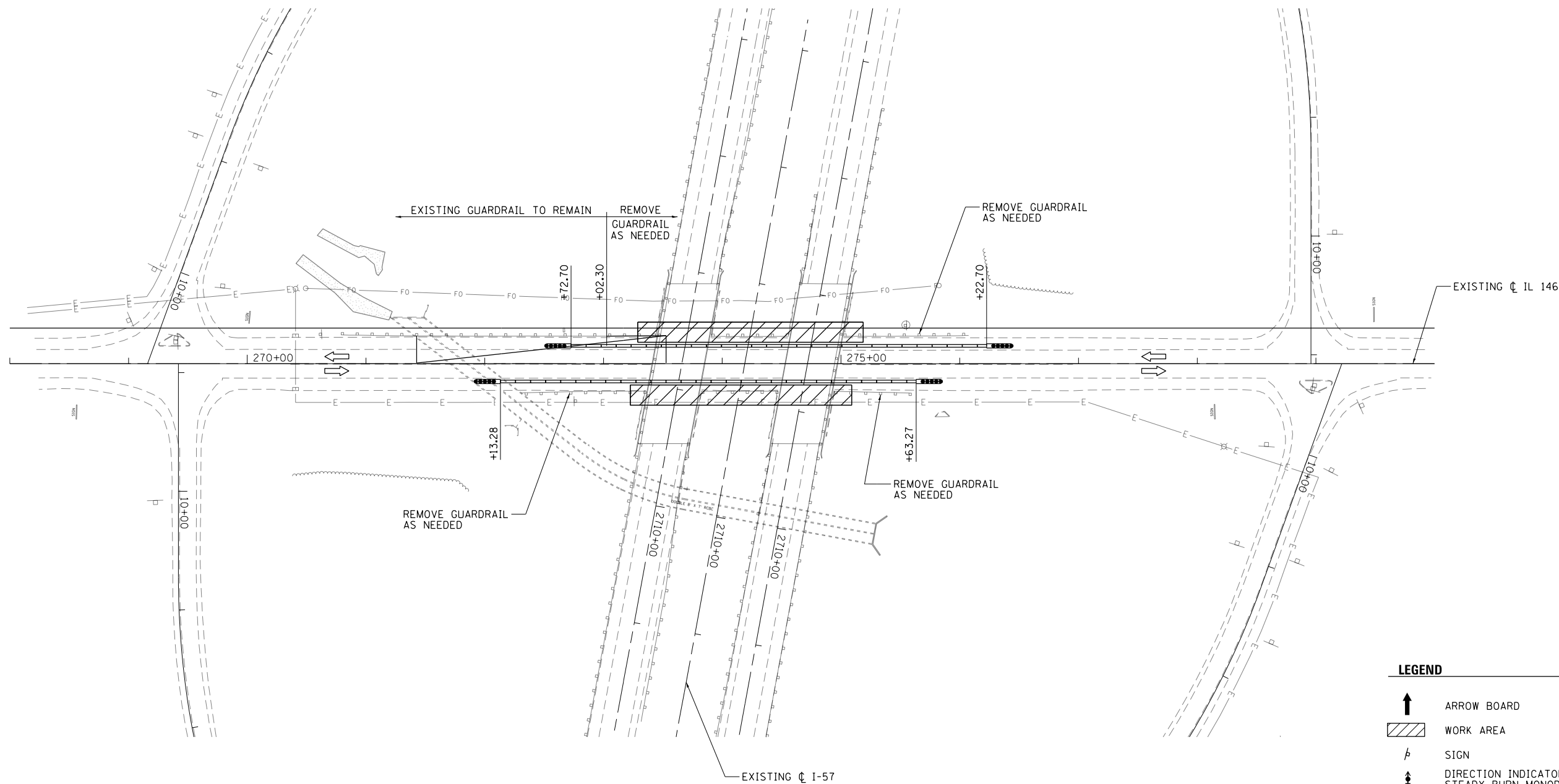
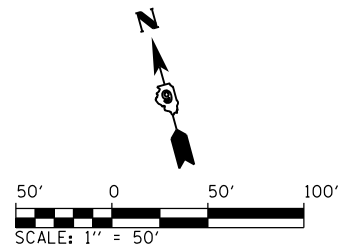
- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 1
I - 57
SCALE: 1" = 50' SHEET 7 OF 7 SHEETS STA. 2758+50 TO STA. 2772+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	41
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

	ARROW BOARD
	WORK AREA
	SIGN
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
	VERTICAL PANEL
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATOR, (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
L:\p01\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-MOT IL146.dgn	PLANS\0978349-sht-MOT IL146.dgn	DRAWN - RAH	REVISED -
Default	PLLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

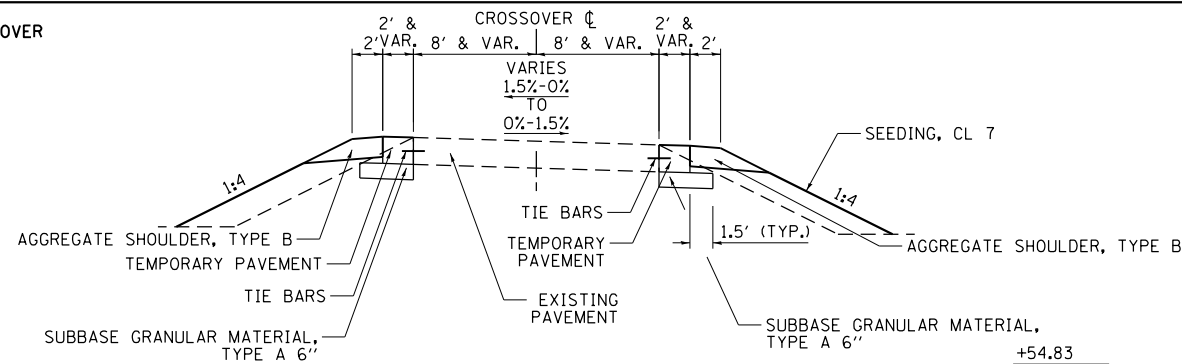
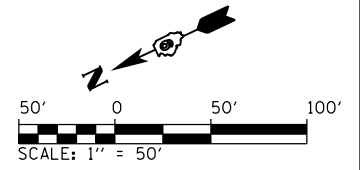
**MAINTENANCE OF TRAFFIC - STAGE 1 & 2
IL 146**

SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 268+00 TO STA. 279+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	42
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

PROP C SB NORTH CROSSOVER
 CURVE-1 DATA
 PI STA. = 13+86.71
 $\Delta = 9^\circ 50' 28''$ (LT)
 $D = 1^\circ 49' 50''$
 $R = 3,130.00'$
 $T = 269.47'$
 $L = 537.61'$
 $E = 11.58'$
 P.C. STA. = 11+17.24
 P.R.C. STA. = 16+54.85

PROP C SB NORTH CROSSOVER
 CURVE-2 DATA
 PI STA. = 19+24.16
 $\Delta = 9^\circ 50' 07''$ (RT)
 $D = 1^\circ 49' 50''$
 $R = 3,130.00'$
 $T = 269.31'$
 $L = 537.29'$
 $E = 11.56'$
 P.R.C. STA. = 16+54.85
 P.T. STA. = 21+92.14

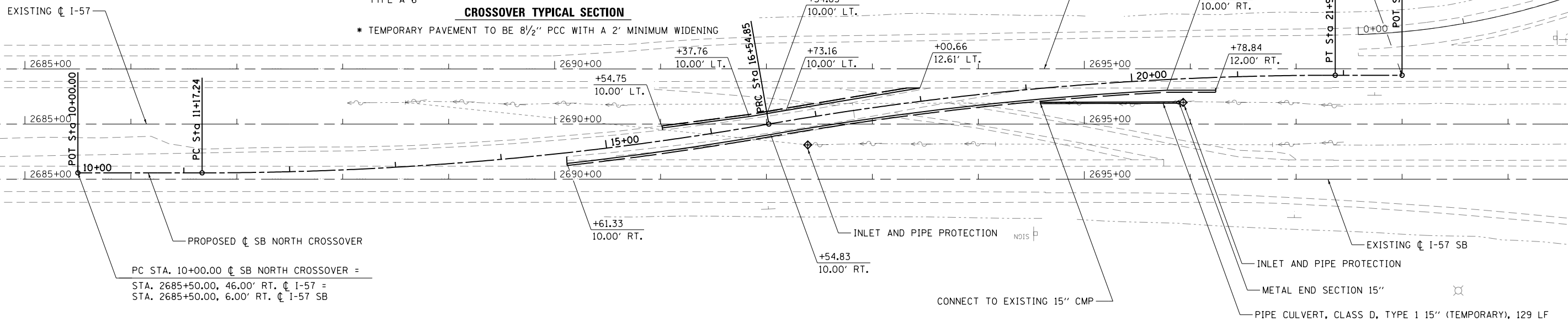


CROSSOVER TYPICAL SECTION

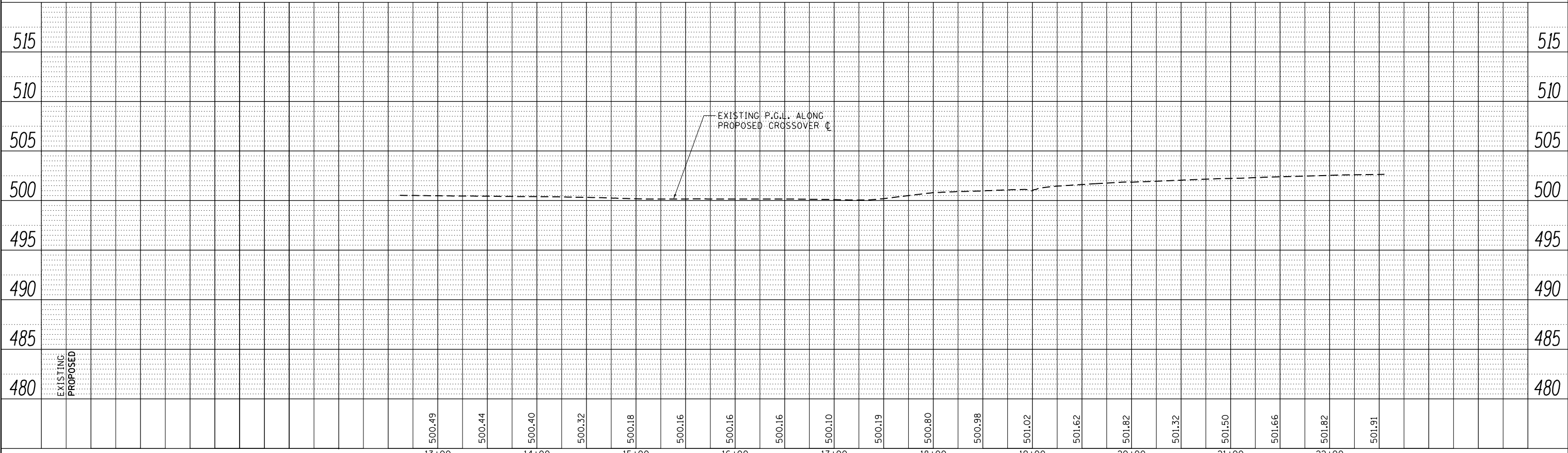
* TEMPORARY PAVEMENT TO BE 8 1/2" PCC WITH A 2' MINIMUM WIDENING

POT STA. 22+55.27 C SB NORTH CROSSOVER =
 STA. 2698+00.00, 46.00' LT. C I-57 =
 STA. 2698+00.00, 6.00' RT. C I-57 NB

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

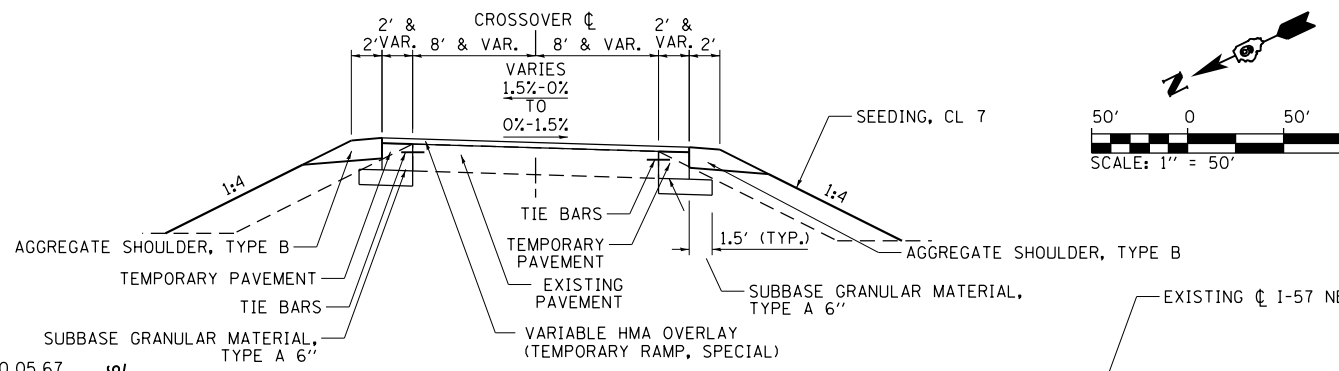
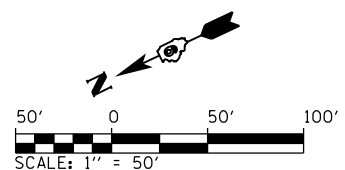


FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 - PLAN AND PROFILE SHEET I-57 SOUTHBOUND NORTH CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\1001\0806610\W0_29\Draw\Sheets\Roadway	Plans\0978349-shr-PNP-STGI SB North CrossOver	DRAWN - RAH	REVISED -			57	(91-3HB)BR-1	UNION	150	43	
Default	PLOT SCALE = 100.0000' / 1"	CHECKED - JMM	REVISED -			CONTRACT NO. 78349					
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -			ILLINOIS FED. AID PROJECT					

PROP C SB SOUTH CROSSOVER
 CURVE-1 DATA
 PI STA. = 33+26.09
 $\Delta = 9^\circ 50' 06''$ (RT)
 $D = 1^\circ 49' 50''$
 $R = 3,130.00'$
 $T = 269.30'$
 $L = 537.28'$
 $E = 11.56'$
 P.C. STA. = 30+56.78
 P.R.C. STA. = 35+94.06

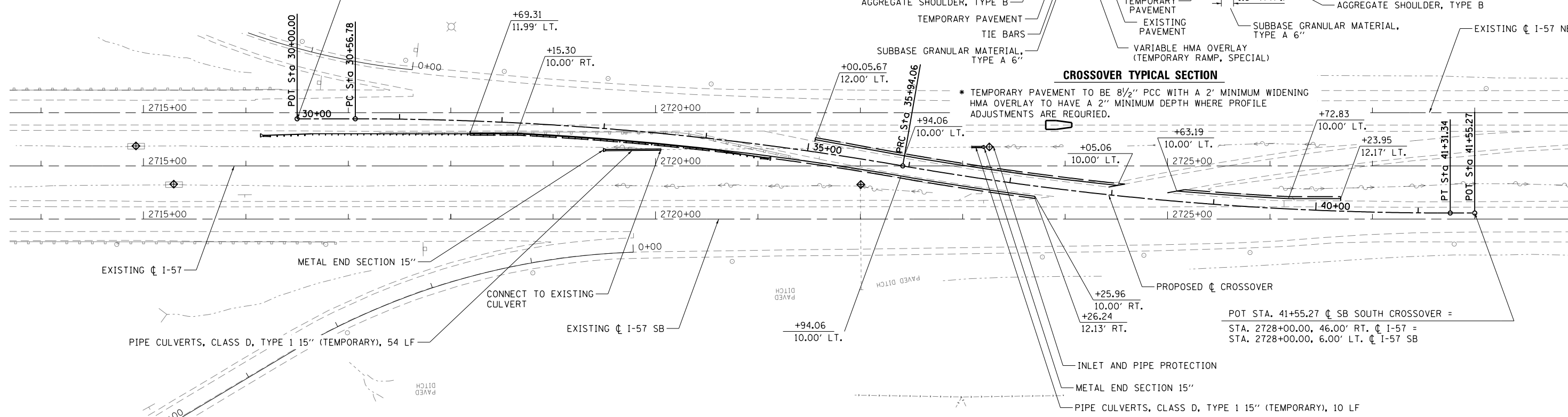
PROP C SB SOUTH CROSSOVER
 CURVE-2 DATA
 PI STA. = 38+63.36
 $\Delta = 9^\circ 50' 06''$ (LT)
 $D = 1^\circ 49' 50''$
 $R = 3,130.00'$
 $T = 269.30'$
 $L = 537.28'$
 $E = 11.56'$
 P.R.C. STA. = 35+94.06
 P.T. STA. = 41+31.34

POT STA. 30+00.00 C SB SOUTH CROSSOVER =
 STA. 2716+50.00, 46.00' LT. C I-57 =
 STA. 2716+50.00, 6.00' RT. C I-57 NB

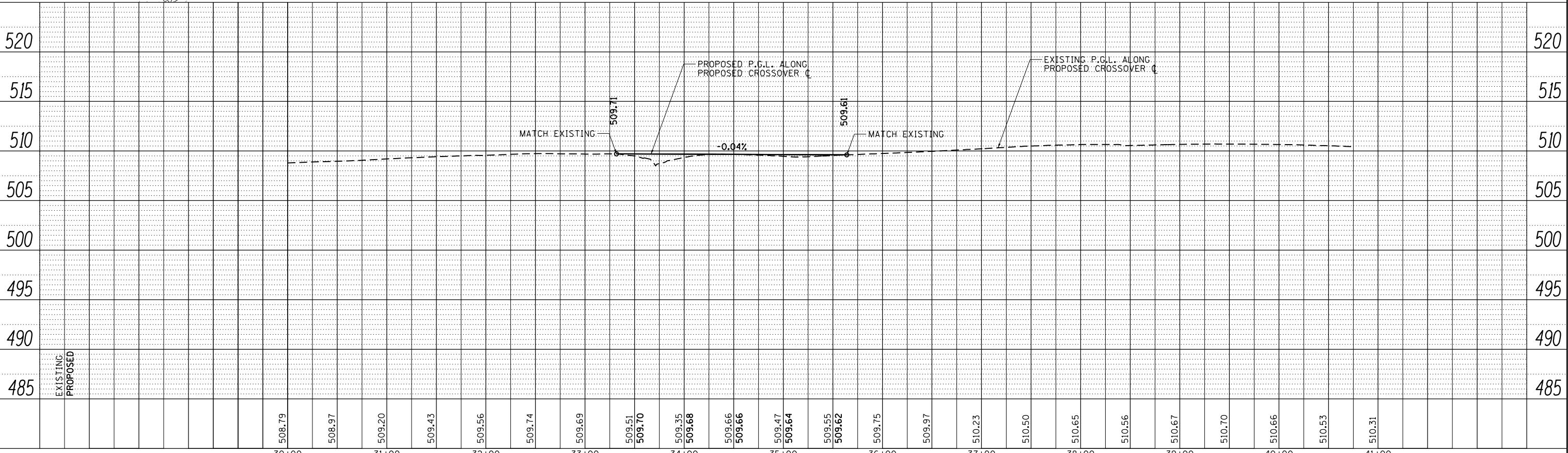


CROSSOVER TYPICAL SECTION

* TEMPORARY PAVEMENT TO BE 8 1/2" PCC WITH A 2" MINIMUM WIDENING HMA OVERLAY TO HAVE A 2" MINIMUM DEPTH WHERE PROFILE ADJUSTMENTS ARE REQUIRED.



POT STA. 41+55.27 C SB SOUTH CROSSOVER =
 STA. 2728+00.00, 46.00' RT. C I-57 =
 STA. 2728+00.00, 6.00' LT. C I-57 SB



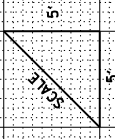
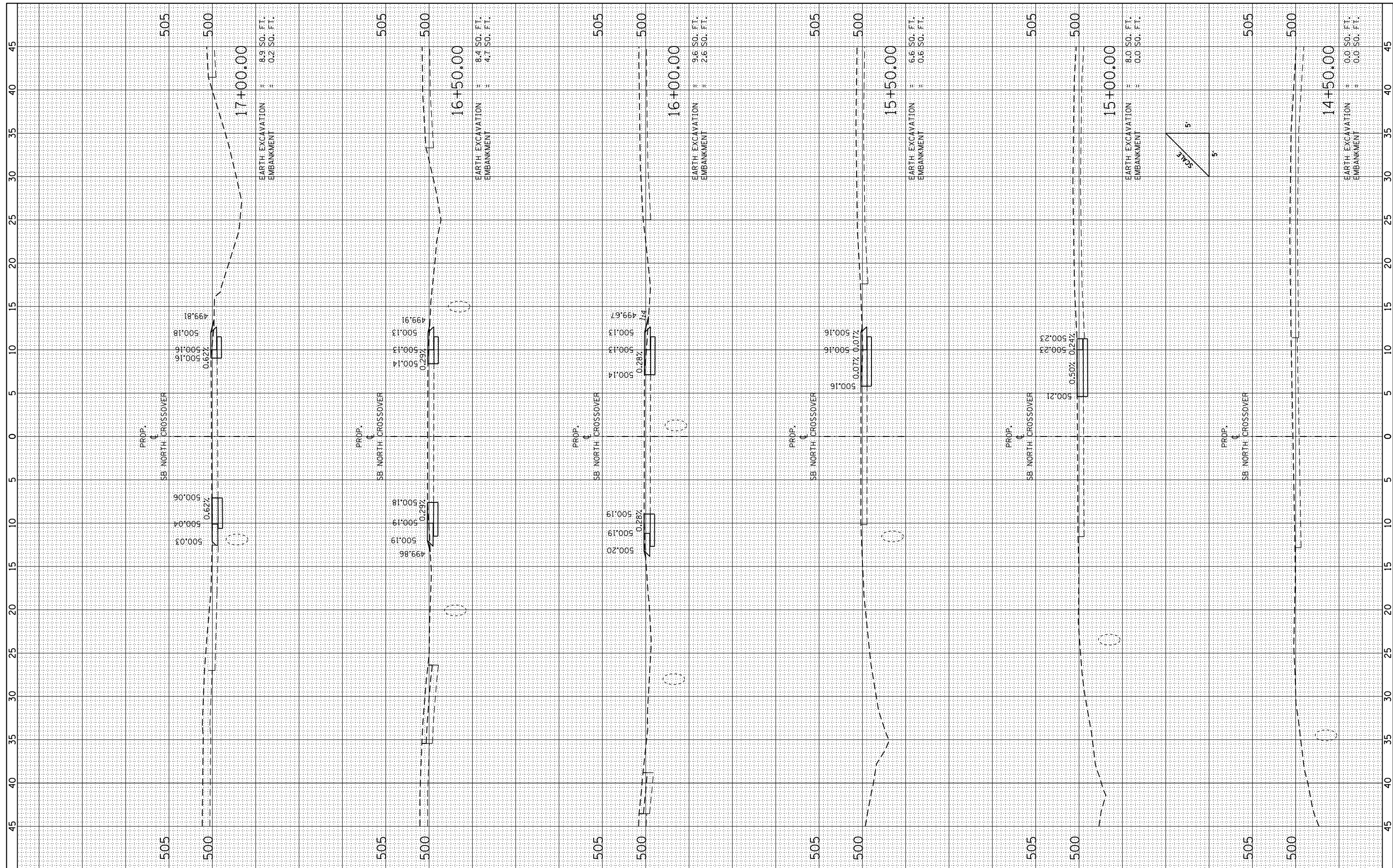
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	NO. _____	

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 - PLAN AND PROFILE SHEET I-57 SOUTHBOUND SOUTH CROSSOVER	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\1001\0806610\00_29\Draw\Sheets\Roadwork	Plans\0978349-sh1-PNP-STG1 SB South CrossOver	DRAWN - RAH	REVISED -			57	(91-3HB)BR-1	UNION	150	44
Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -			CONTRACT NO. 78349				
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -			ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = L:\1001\0806610\10_29\Draw\Sheets\Roadway Plans\10978349-sh1-XSC-STG1-North.dgn
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 PLOT SCALE = 10.0000' / 1"
 PLOT DATE = 10/19/2016

DESIGNED - MJO
 DRAWN - BB
 CHECKED - JMM
 DATE - 09/30/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

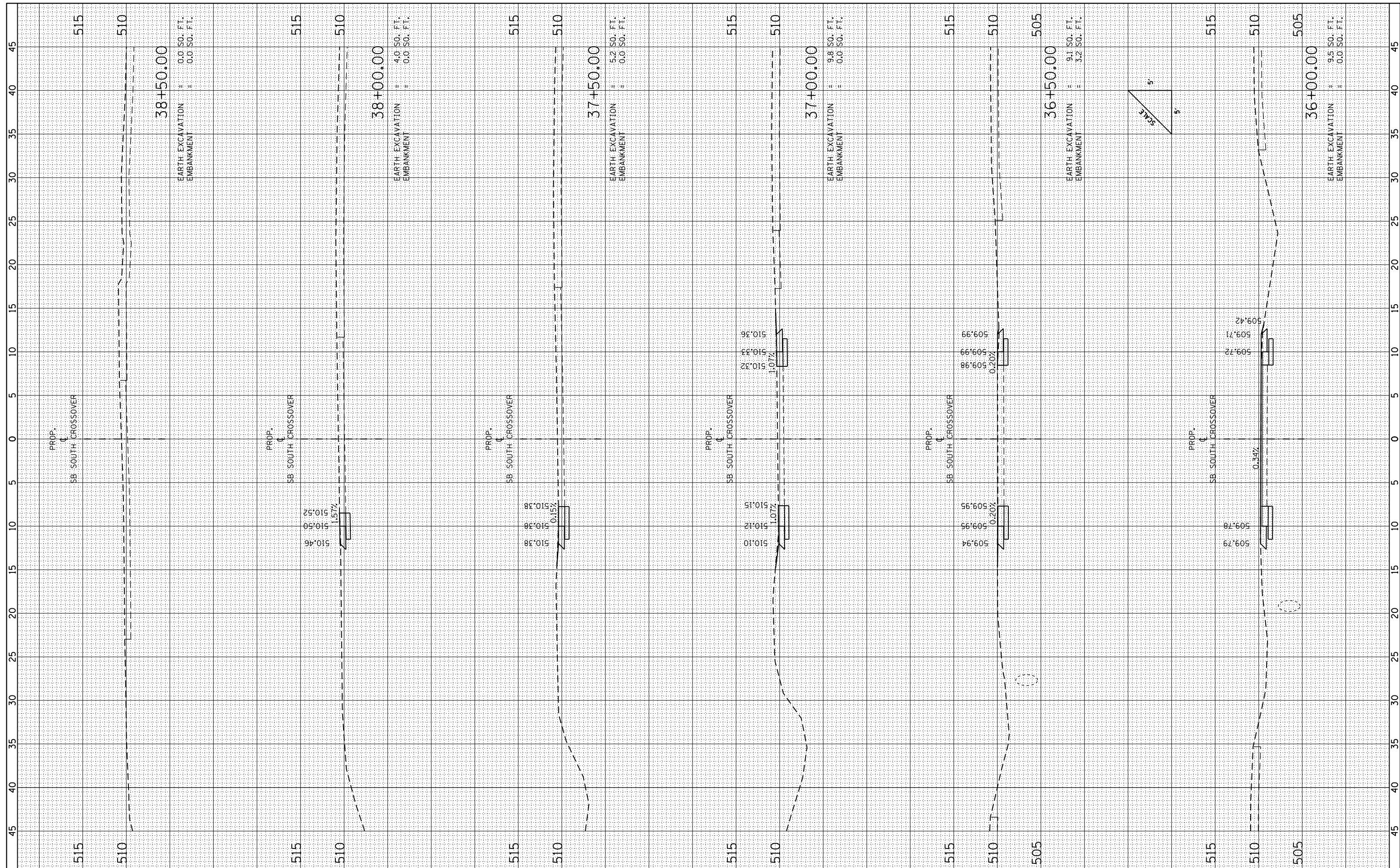
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 STAGE 1 NORTH
 SCALE: SHEET 1 OF 3 SHEETS STA. 14+50.00 TO STA. 17+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3H)BR-1	UNION	150	45
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 PLOT DATE = 10/19/2016

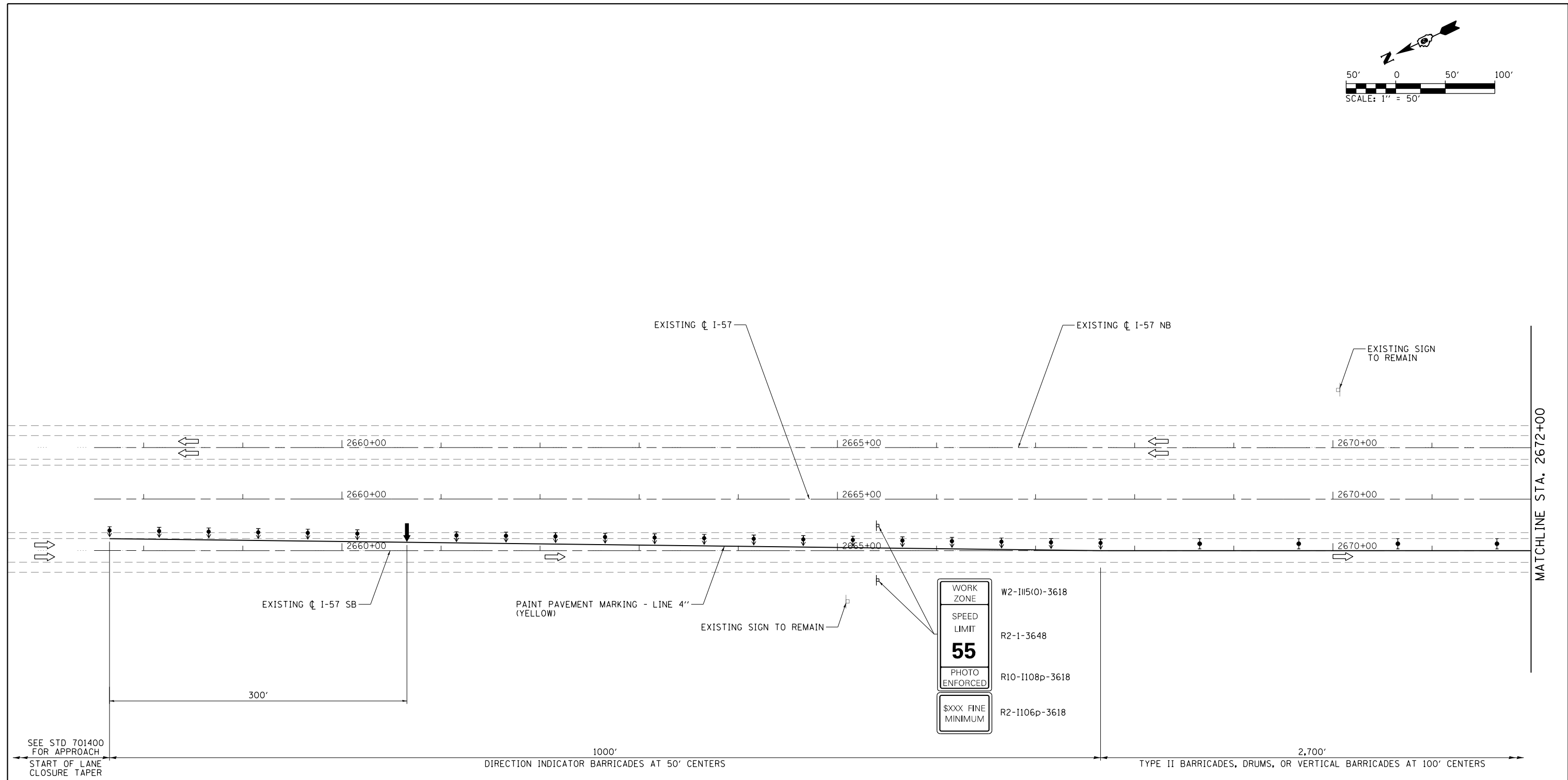
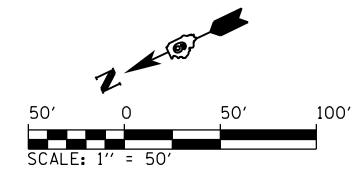
DESIGNED - MJO
 DRAWN - BB
 CHECKED - JMM
 DATE - 09/30/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 STAGE 1 SOUTH
 SCALE: SHEET 3 OF 4 SHEETS STA. 36+00.00 TO STA. 38+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	50
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



WORK ZONE	W2-III5(O)-3618
SPEED LIMIT	R2-1-3648
55	
PHOTO ENFORCED	R10-1108p-3618
\$XXX FINE MINIMUM	R2-1106p-3618

NOTE:
1. ENGINEER TO DETERMINE LOCATION OF SPEED DISPLAY TRAILER

LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER

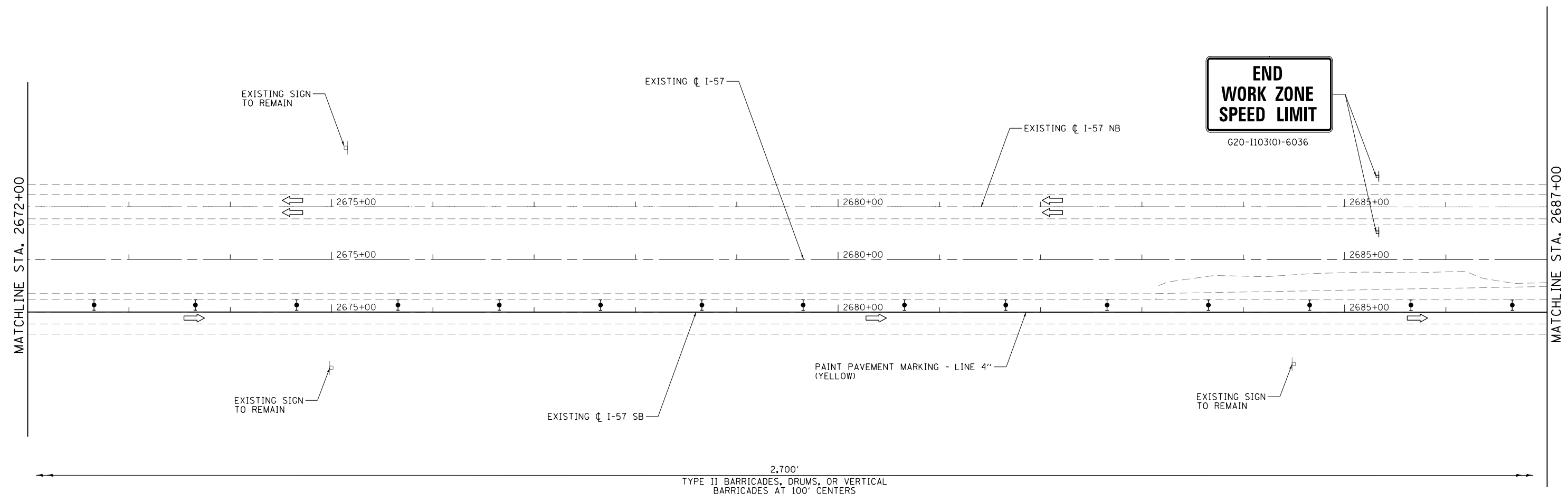
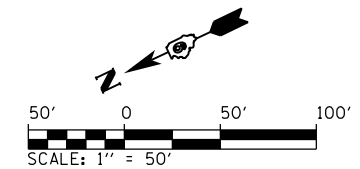
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Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**MAINTENANCE OF TRAFFIC - STAGE 2
I - 57**

SCALE: 1" = 50' SHEET 1 OF 7 SHEETS STA. 2664+00 TO STA. 2672+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	52
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
-  TUBULAR MARKERS
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY CONCRETE BARRIER

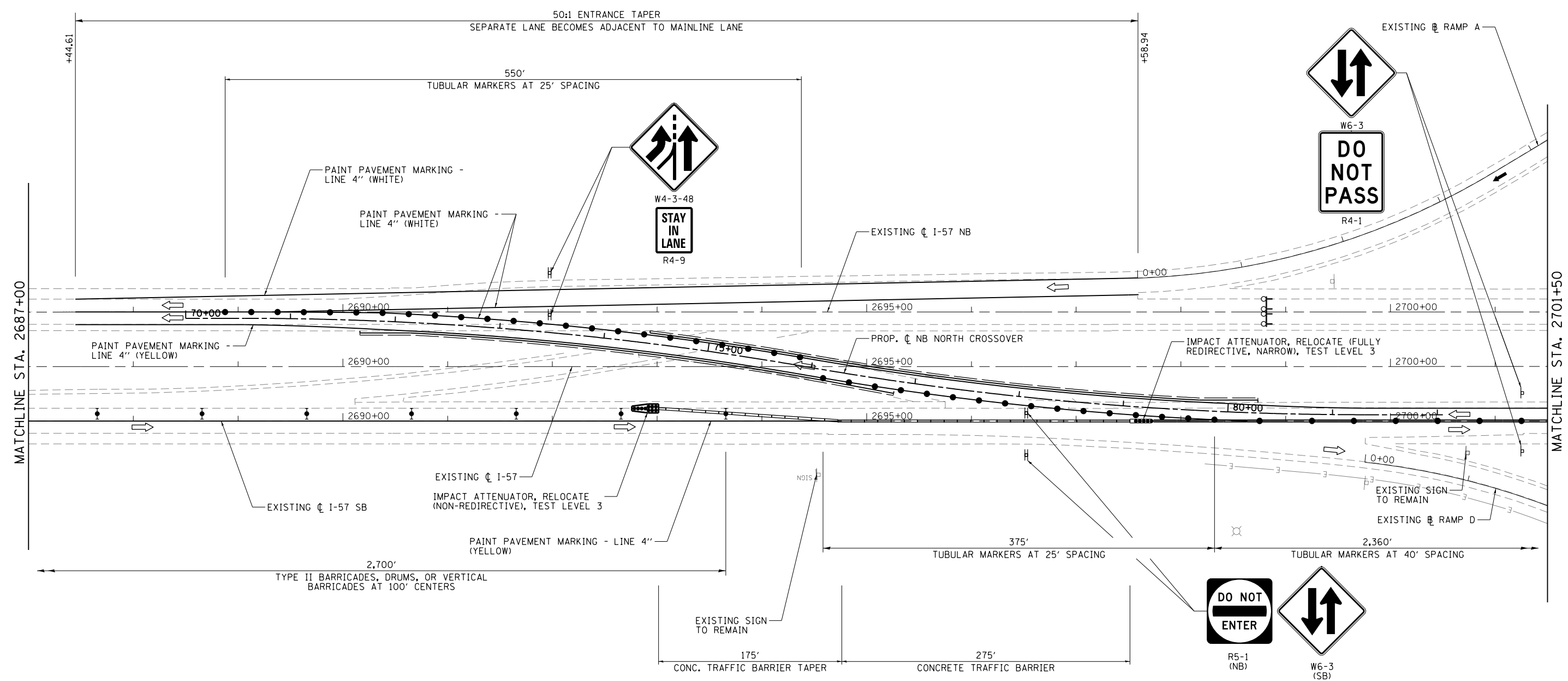
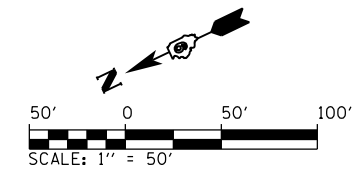
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 2
I - 57**

SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. 2672+00 TO STA. 2687+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	53
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

	ARROW BOARD		TUBULAR MARKERS
	WORK AREA		TYPE III BARRICADE WITH FLASHING LIGHTS
	SIGN		TEMPORARY CONCRETE BARRIER
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT		
	TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES		

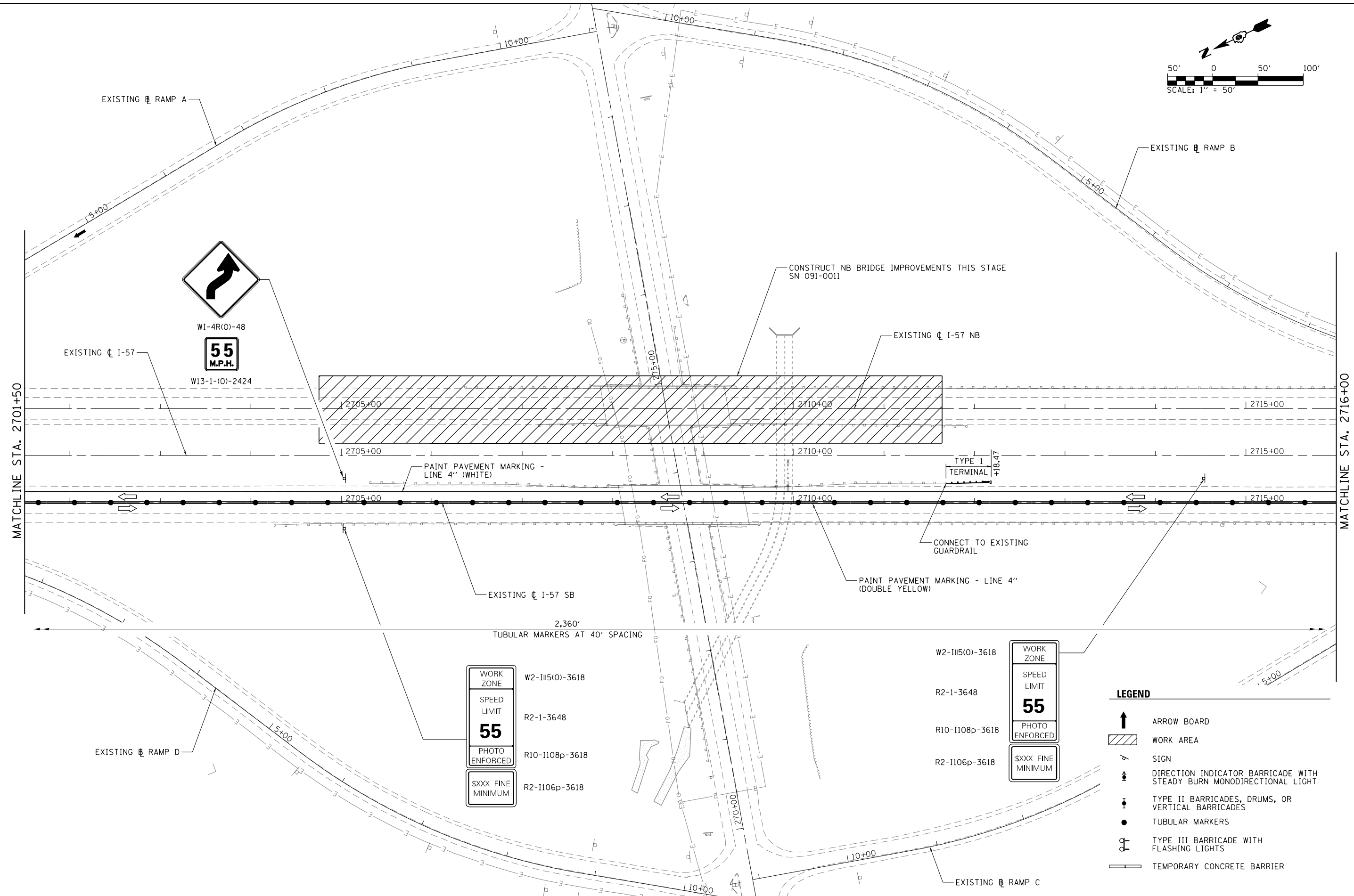
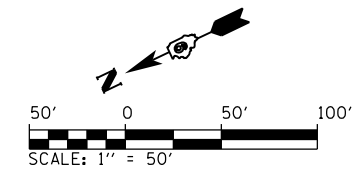
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Default	PLOT DATE = 10/19/2016	CHECKED - JMM	REVISED -
		DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 2
I - 57**

SCALE: 1" = 50' SHEET 3 OF 7 SHEETS STA. 2687+00 TO STA. 2701+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	54
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



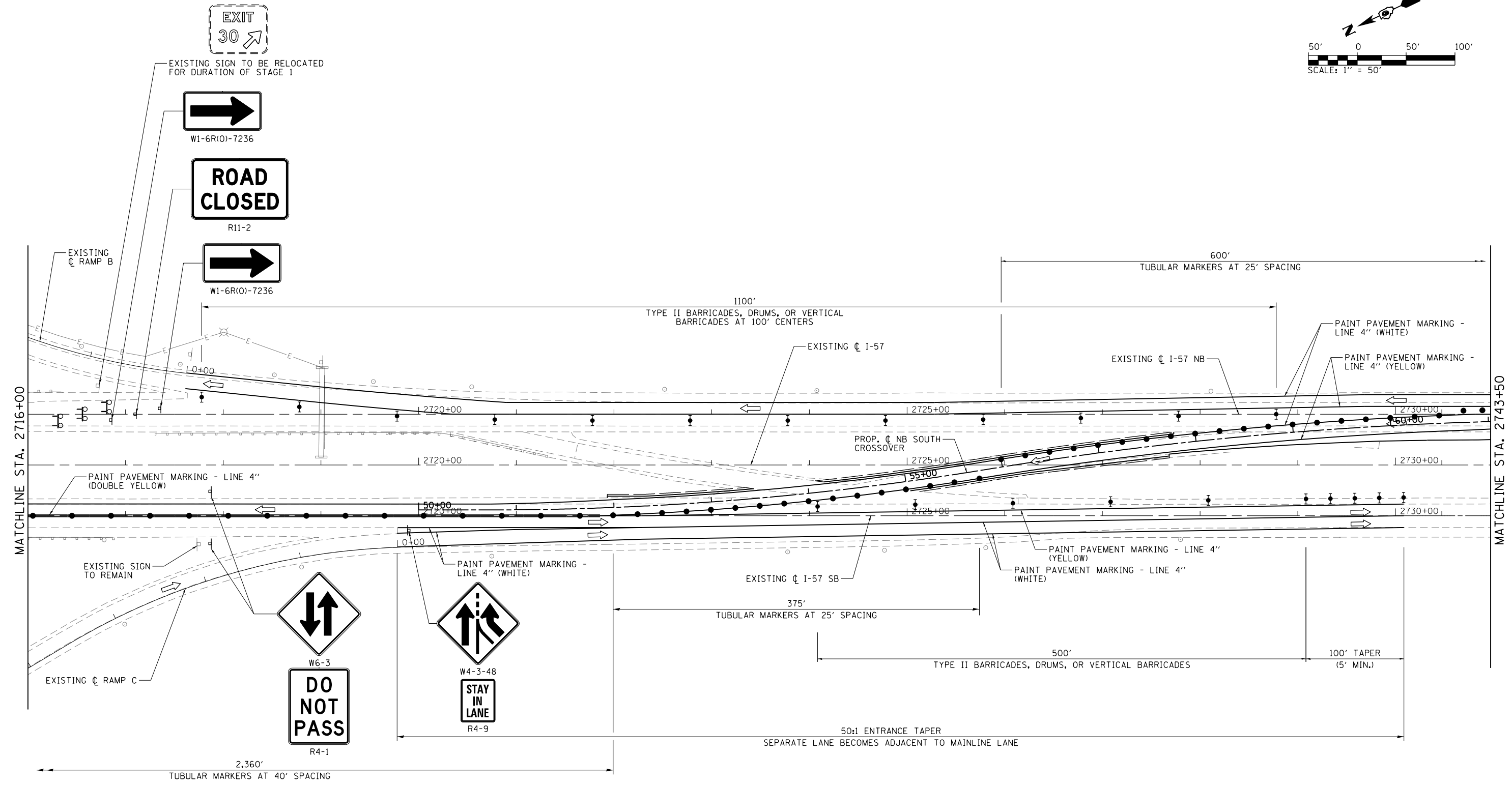
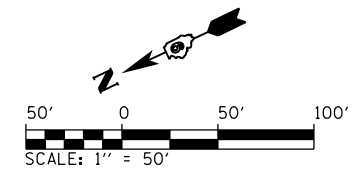
WORK ZONE	W2-III5(O)-3618
SPEED LIMIT	R2-1-3648
55	R10-1108p-3618
PHOTO ENFORCED	R2-1106p-3618
SXXX FINE MINIMUM	

W2-III5(O)-3618	WORK ZONE
R2-1-3648	SPEED LIMIT
R10-1108p-3618	55
R2-1106p-3618	PHOTO ENFORCED
	SXXX FINE MINIMUM









LEGEND

	ARROW BOARD
	WORK AREA
	SIGN
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
	TUBULAR MARKERS
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY CONCRETE BARRIER

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 2 I - 57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\DOT\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-MOT STG2-004.dgn	PLANS\0978349-sht-MOT STG2-004.dgn	DRAWN - RAH	REVISED -		SCALE: 1" = 50'	SHEET 4 OF 7 SHEETS	STA. 2701+50 TO STA. 2716+00	57	(91-3HB)BR-1	UNION	150	55
Default	PLLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -					CONTRACT NO. 78349				
	PLLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -					ILLINOIS FED. AID PROJECT				



LEGEND

-  ARROW BOARD
-  WORK AREA
-  SIGN
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
-  TUBULAR MARKERS
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY CONCRETE BARRIER

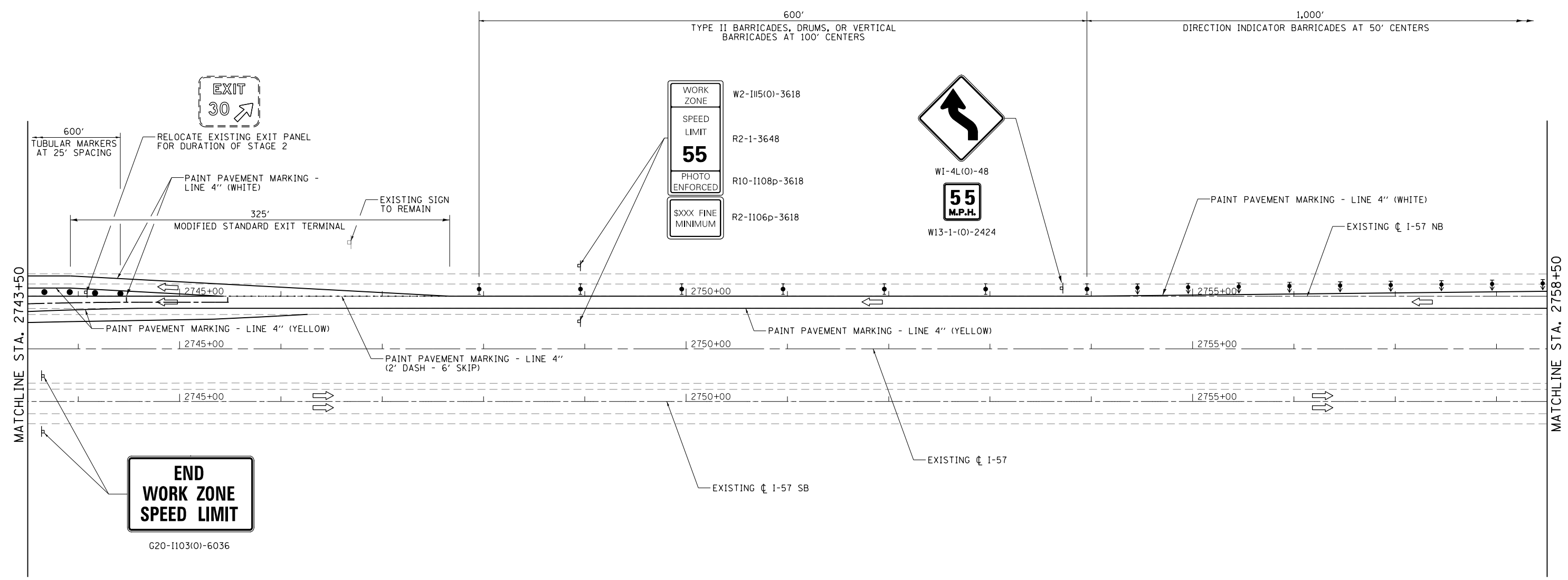
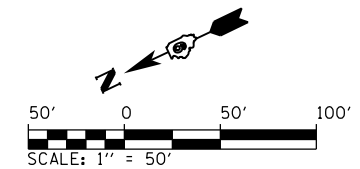
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...0978349-sht-MOT STG2-005.dgn		CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 2
I - 57**

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. 2716+00 TO STA. 2743+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	56
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER

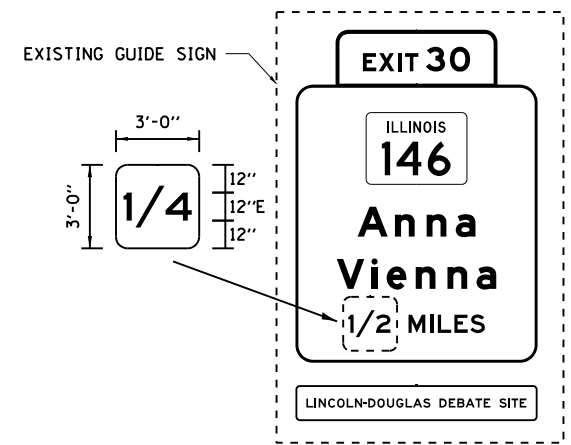
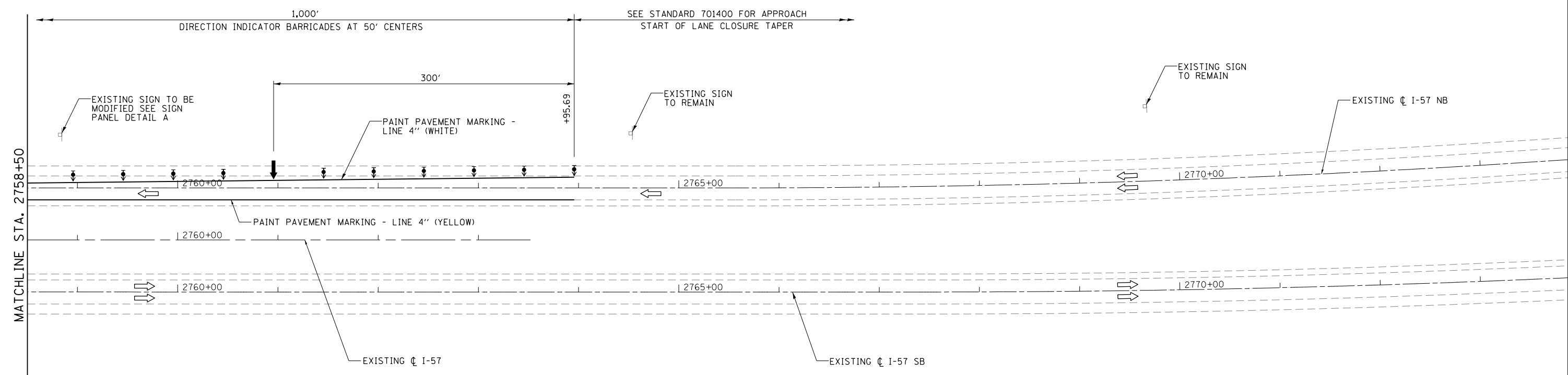
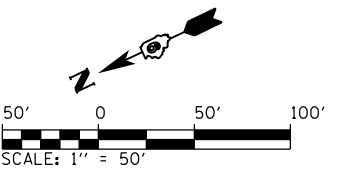
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 2
I - 57**

SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. 2743+50 TO STA. 2758+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	57
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



NOTE: PLACE 1/4 (MILE) DISTANCE PANEL OVER 1/2 (MILE) LABEL FOR DURATION OF STAGE 1 TO ACCOUNT FOR CHANGE IN DISTANCE TO THE EXIT FROM THE GUIDE SIGN.

DETAIL A

NOTE:
1. ENGINEER TO DETERMINE LOCATION OF SPEED DISPLAY TRAILER

LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES
- TUBULAR MARKERS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY CONCRETE BARRIER

FILE NAME = L:\1001\0806610\10_29\Draw\Sheets\Roadway Plans\0978349-sht-MOT STG2-007.dgn	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
...	...	DRAWN - RAH	REVISED -
...	...	CHECKED - JMM	REVISED -
...	...	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 2
I - 57**

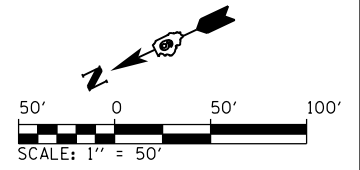
SCALE: 1" = 50' SHEET 7 OF 7 SHEETS STA. 2758+50 TO STA. 2772+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	58
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

PROP C NB NORTH CROSSOVER
 CURVE-1 DATA
 PI STA. = 73+25.58
 $\Delta = 9^\circ 50' 06''$ (RT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 269.30'
 L = 537.28'
 E = 11.56'
 P.C. STA. = 70+56.27
 P.R.C. STA. = 75+93.55

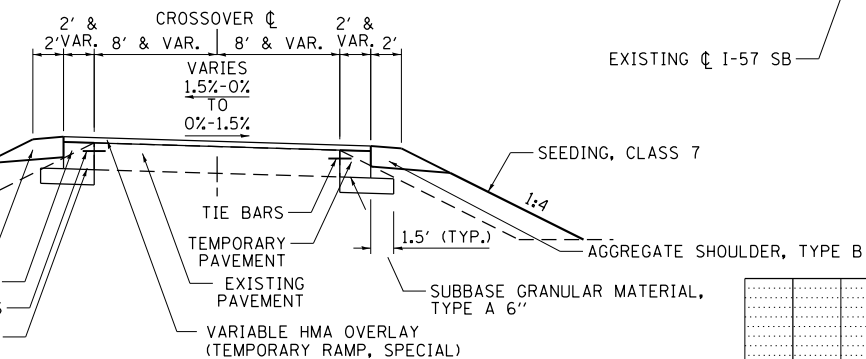
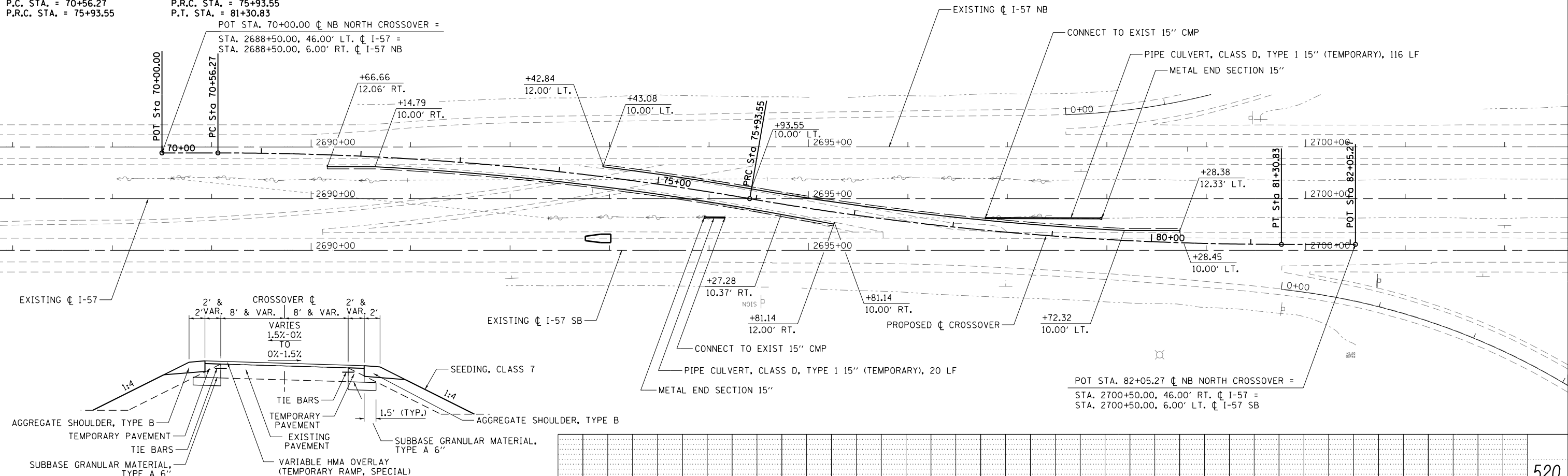
PROP C NB ENTRANCE TRANS.
 CURVE-2 DATA
 PI STA. = 78+62.85
 $\Delta = 9^\circ 50' 06''$ (LT)
 D = 1° 49' 50"
 R = 3,130.00'
 T = 269.30'
 L = 537.28'
 E = 11.56'
 P.R.C. STA. = 75+93.55
 P.T. STA. = 81+30.83

POT STA. 70+00.00 C NB NORTH CROSSOVER =
 STA. 2688+50.00, 46.00' LT. C I-57 =
 STA. 2688+50.00, 6.00' RT. C I-57 NB

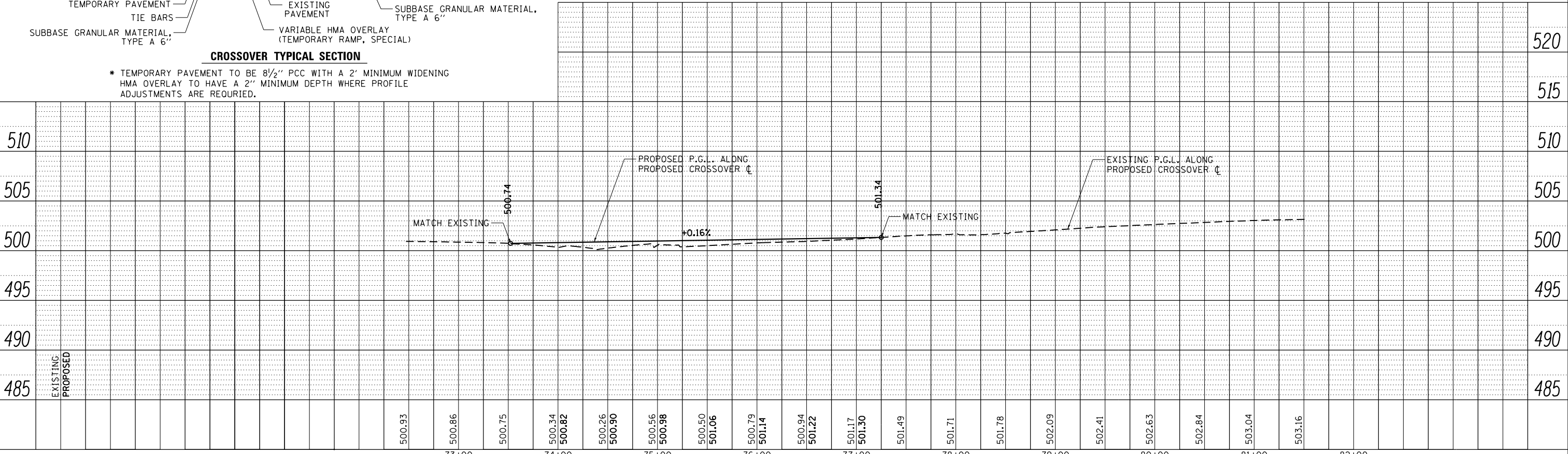


DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	



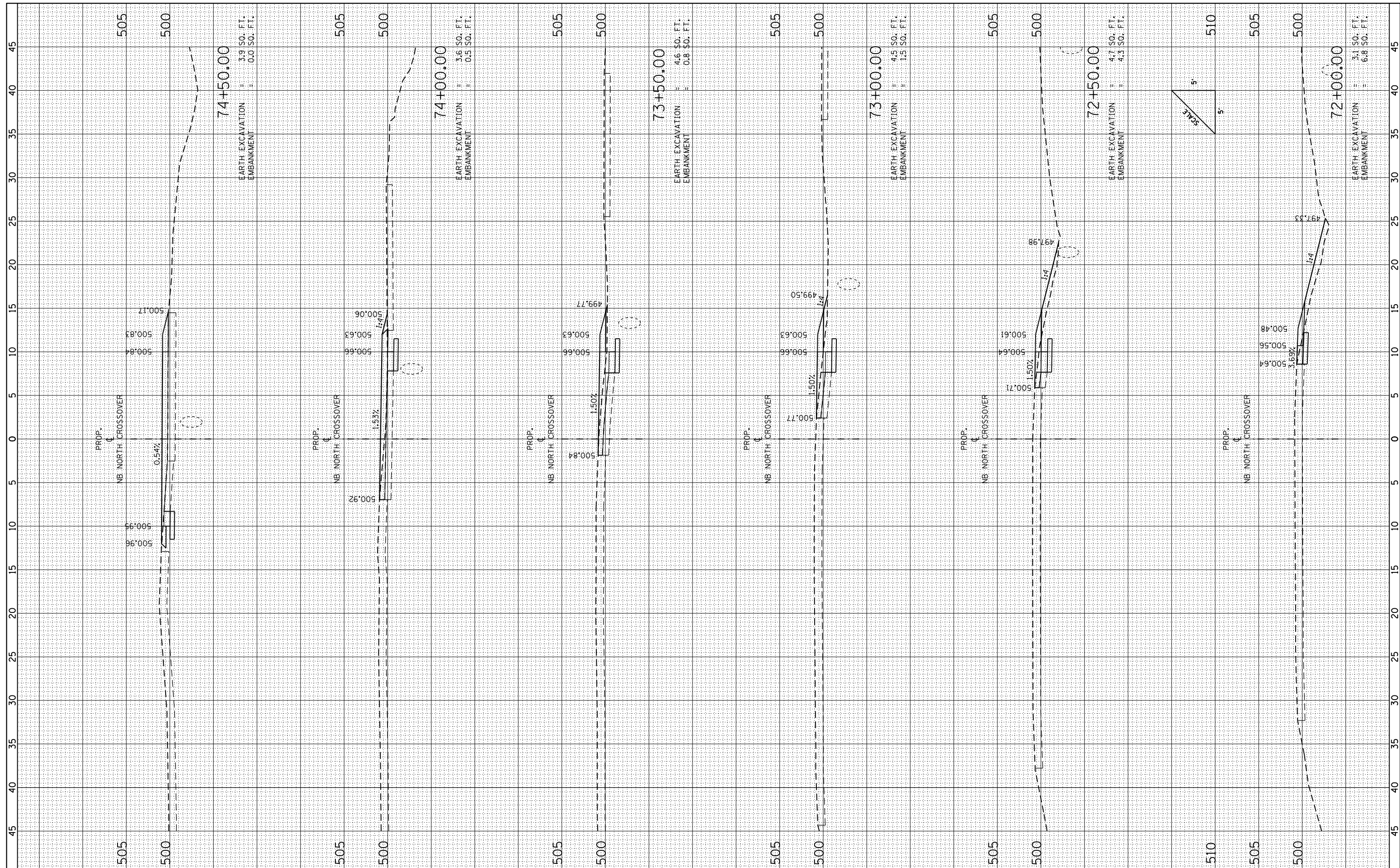
CROSSOVER TYPICAL SECTION
 * TEMPORARY PAVEMENT TO BE 8 1/2" PCC WITH A 2' MINIMUM WIDENING
 HMA OVERLAY TO HAVE A 2" MINIMUM DEPTH WHERE PROFILE
 ADJUSTMENTS ARE REQUIRED.



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 - PLAN AND PROFILE SHEET I-57 NORTHBOUND NORTH CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\IDOT\0806610\W0_29\Draw\Sheets\Roadway	Plans\0978349-shr-PNP-STG2 NB North Cross	DRAWN - RAH	REVISED -			57	(91-3HB)BR-1	UNION	150	59	
Default	PLOT SCALE = 100.0000' / 1"	CHECKED - JMM	REVISED -			CONTRACT NO. 78349					
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -			ILLINOIS FED. AID PROJECT					

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

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



FILE NAME = L:\1001\0806610\W0_29\Draw\Sheets\Roadway Plans\0978349-sh1-XSC-STG2-Nor-th.dgn

USER NAME = Matt Overbey
 DRAWN - BB
 CHECKED - JMM
 DATE - 09/30/16

DESIGNED - MJO
 REVISIONS:
 1. DRAWN - BB
 2. CHECKED - JMM
 3. DATE - 09/30/16

REVISIONS:
 1. REVISED -
 2. REVISED -
 3. REVISED -

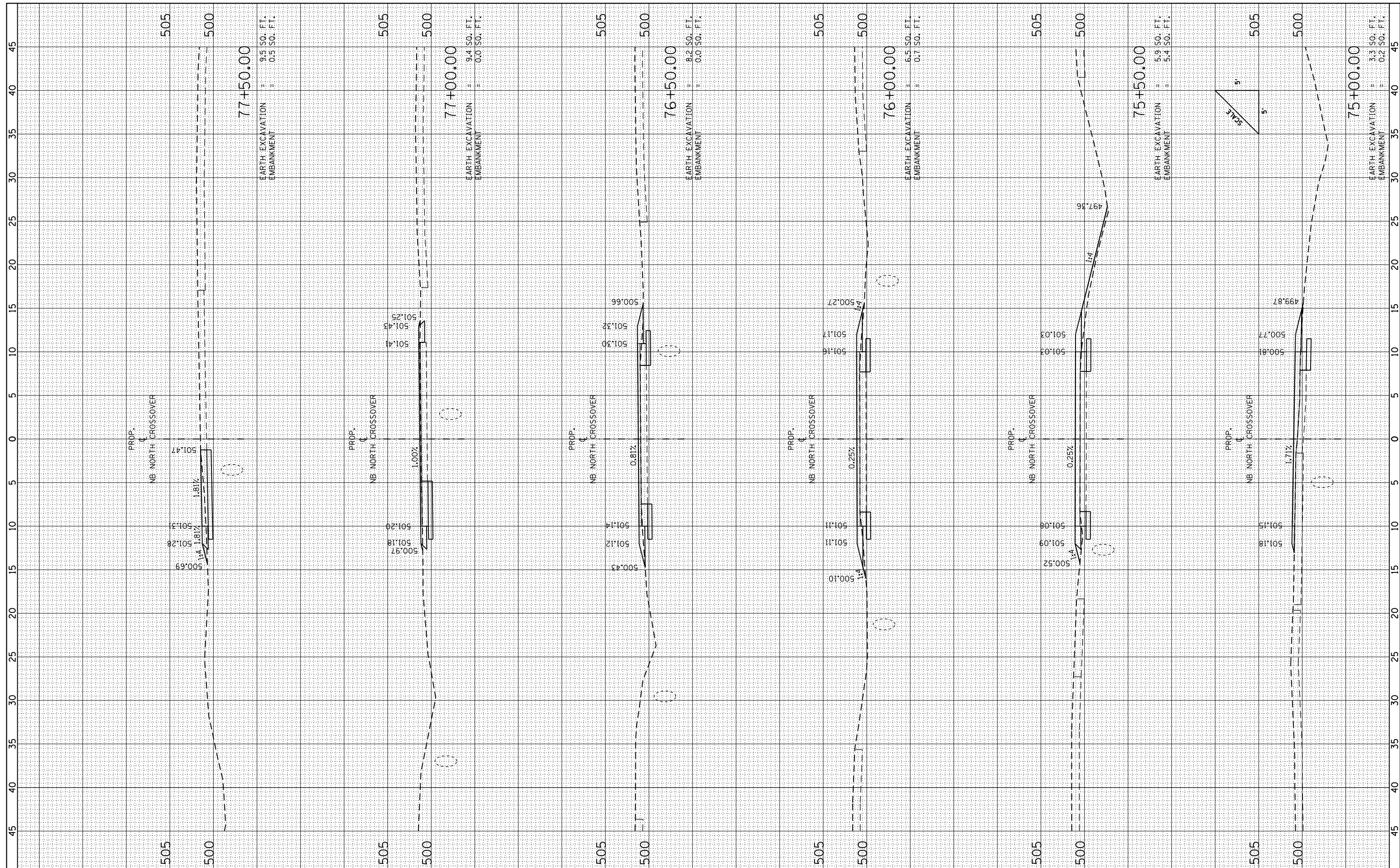
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 STAGE 2 NORTH**
 SCALE: SHEET 1 OF 4 SHEETS STA. 72+00.00 TO STA. 74+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3H)BR-1	UNION	150	61
CONTRACT NO. 78349				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = L:\1001\0806610\W0_29\Draw\Sheets\Roadway Plans\0978349-sh1-XSC-STG2_North.dgn
 PLOT SCALE = 10.0000 / in.
 PLOT DATE = 10/19/2016

USER NAME = Matt Overbey
 DESIGNED - MJO
 DRAWN - BB
 CHECKED - JMM
 DATE - 09/30/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

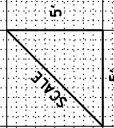
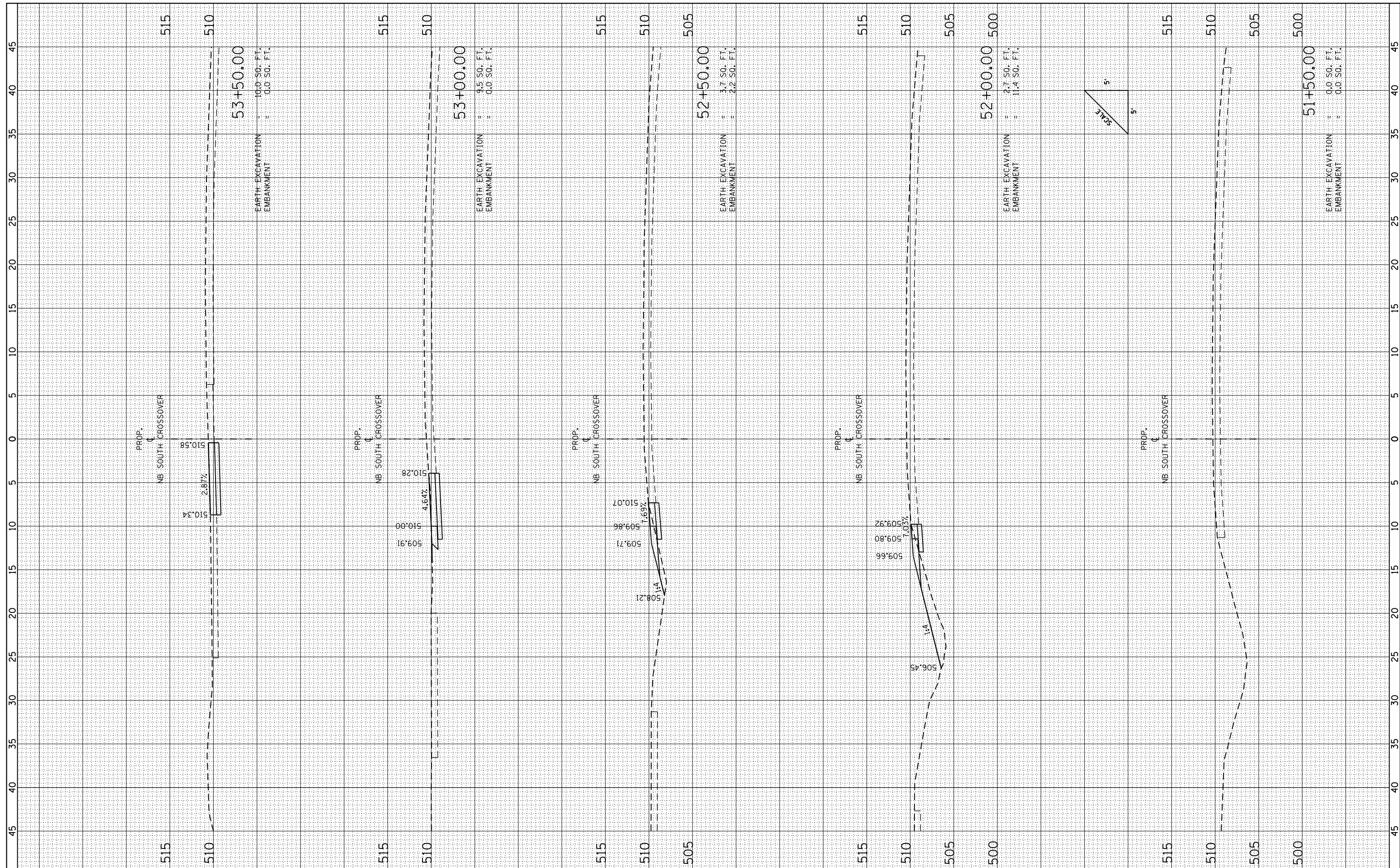
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 STAGE 2 NORTH**
 SCALE: SHEET 2 OF 4 SHEETS STA. 75+00.00 TO STA. 77+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3)H/BR-1	UNION	150	62
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

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

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



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 PLOT SCALE = 10.0000 / 1 in.
 PLOT DATE = 10/19/2016

USER NAME = Matt Overbey
 DESIGNED - MJ0
 DRAWN - BB
 CHECKED - JMM
 DATE - 09/30/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

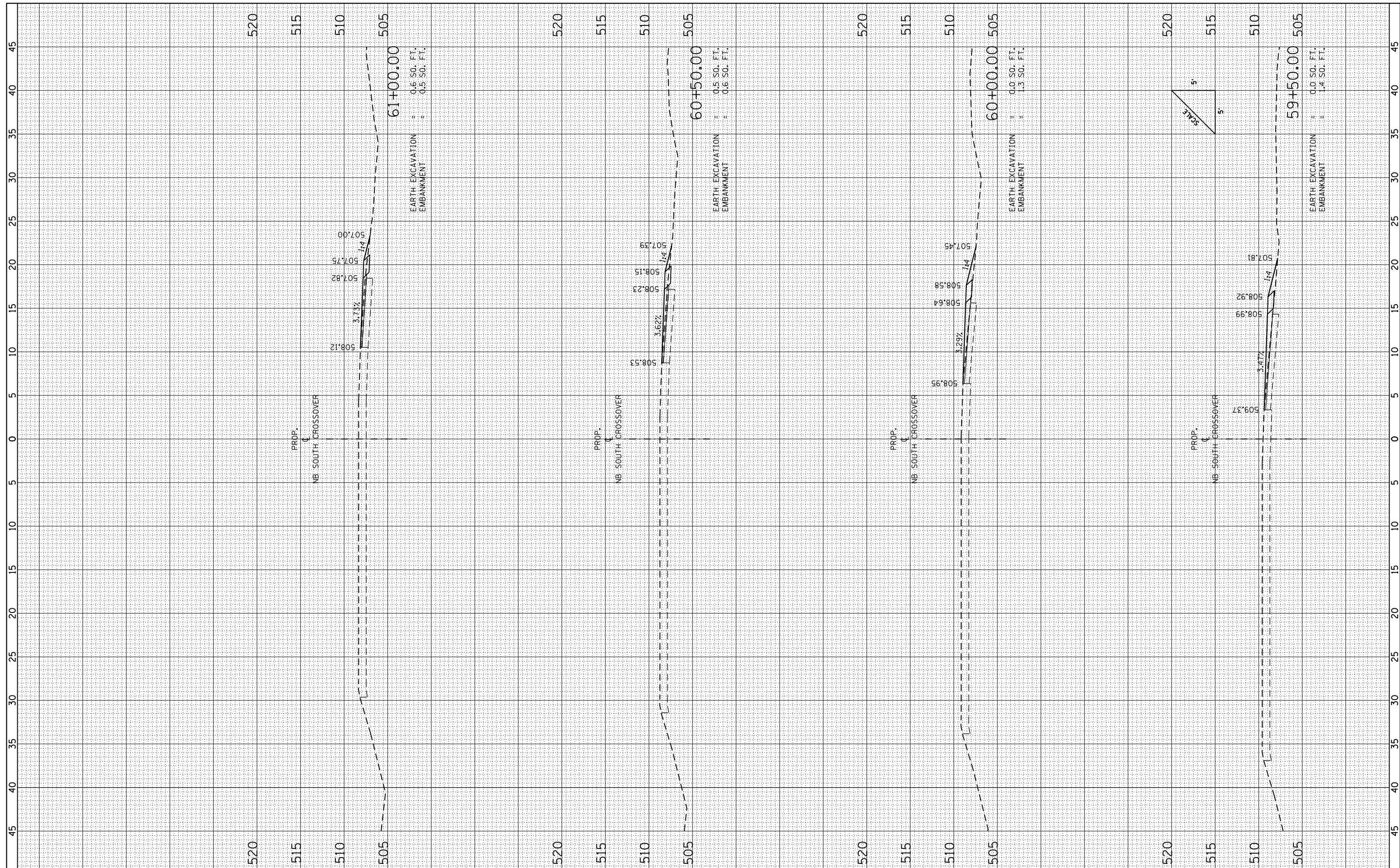
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 STAGE 2 SOUTH**
 SCALE: SHEET 1 OF 5 SHEETS STA. 51+50.00 TO STA. 53+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3H)BR-1	UNION	150	65
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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USER NAME = Matt Overbey
 DRAWN - BB
 CHECKED - JMM
 DATE - 09/30/16

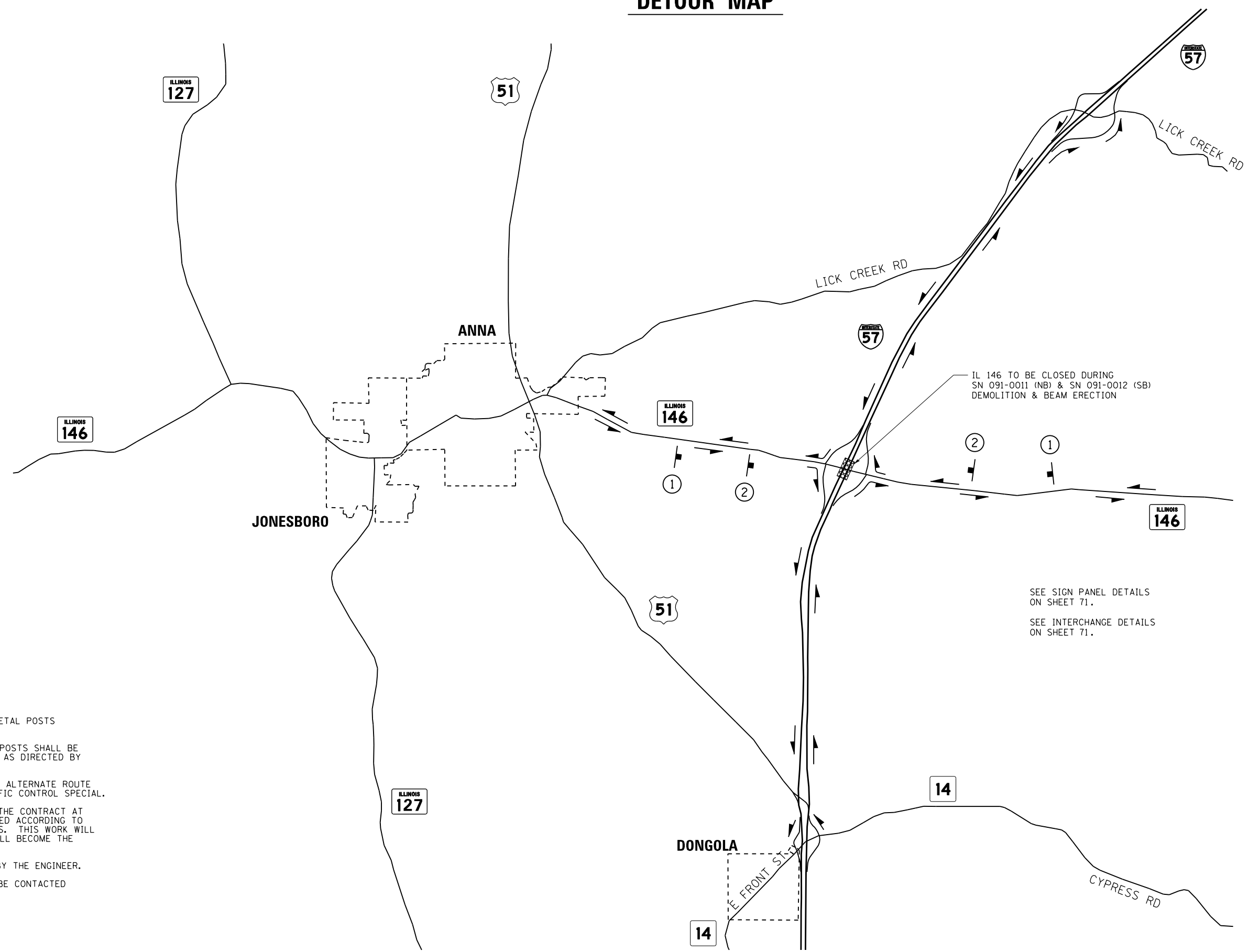
DESIGNED - MJO
 REVISIONS:
 REVISIONS:
 REVISIONS:

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 STAGE 2 SOUTH**
 SCALE: SHEET 4 OF 5 SHEETS STA. 59+50.00 TO STA. 61+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	68
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

DETOUR MAP



IL 146 TO BE CLOSED DURING
SN 091-0011 (NB) & SN 091-0012 (SB)
DEMOLITION & BEAM ERECTION

SEE SIGN PANEL DETAILS
ON SHEET 71.
SEE INTERCHANGE DETAILS
ON SHEET 71.

NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF TRAFFIC CONTROL SPECIAL.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
6. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
L:\IDOT\0806610\WO_29\Draw\Sheets\Roadway Plans\0978349-sht-DETOUR1.dgn	...	DRAWN - RAH	REVISED -
...	...	CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN I-57			
SCALE: N.T.S.	SHEET 1 OF 2 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	70
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

ROAD CLOSED
1 MILE AHEAD

1



2



3



4



5



6



7



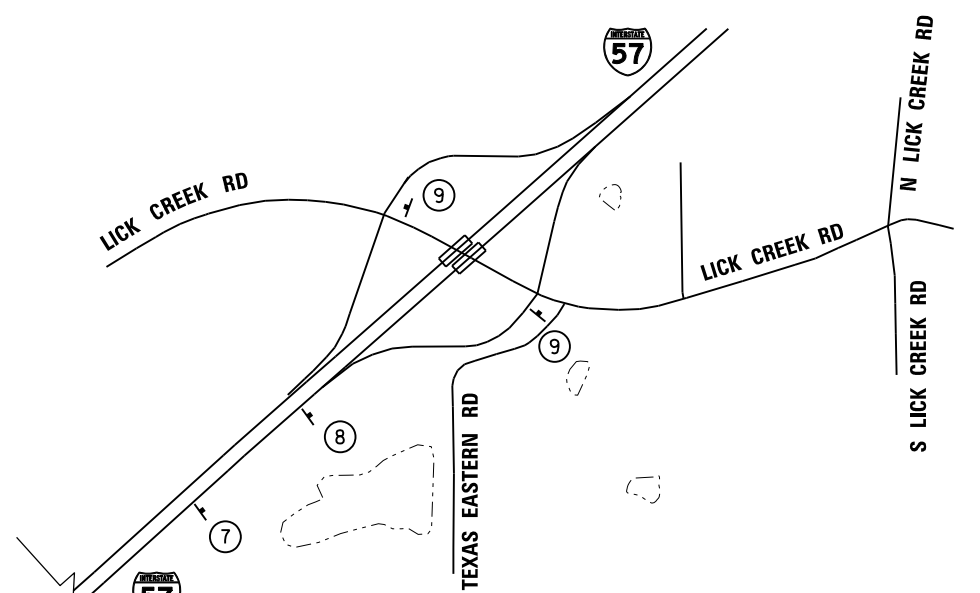
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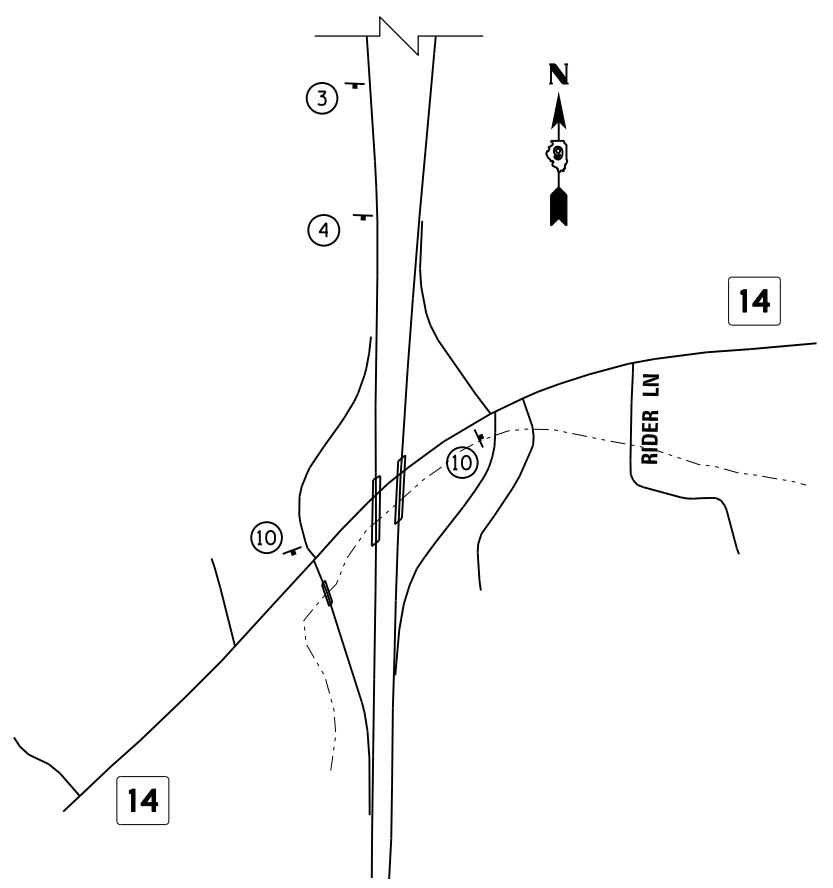
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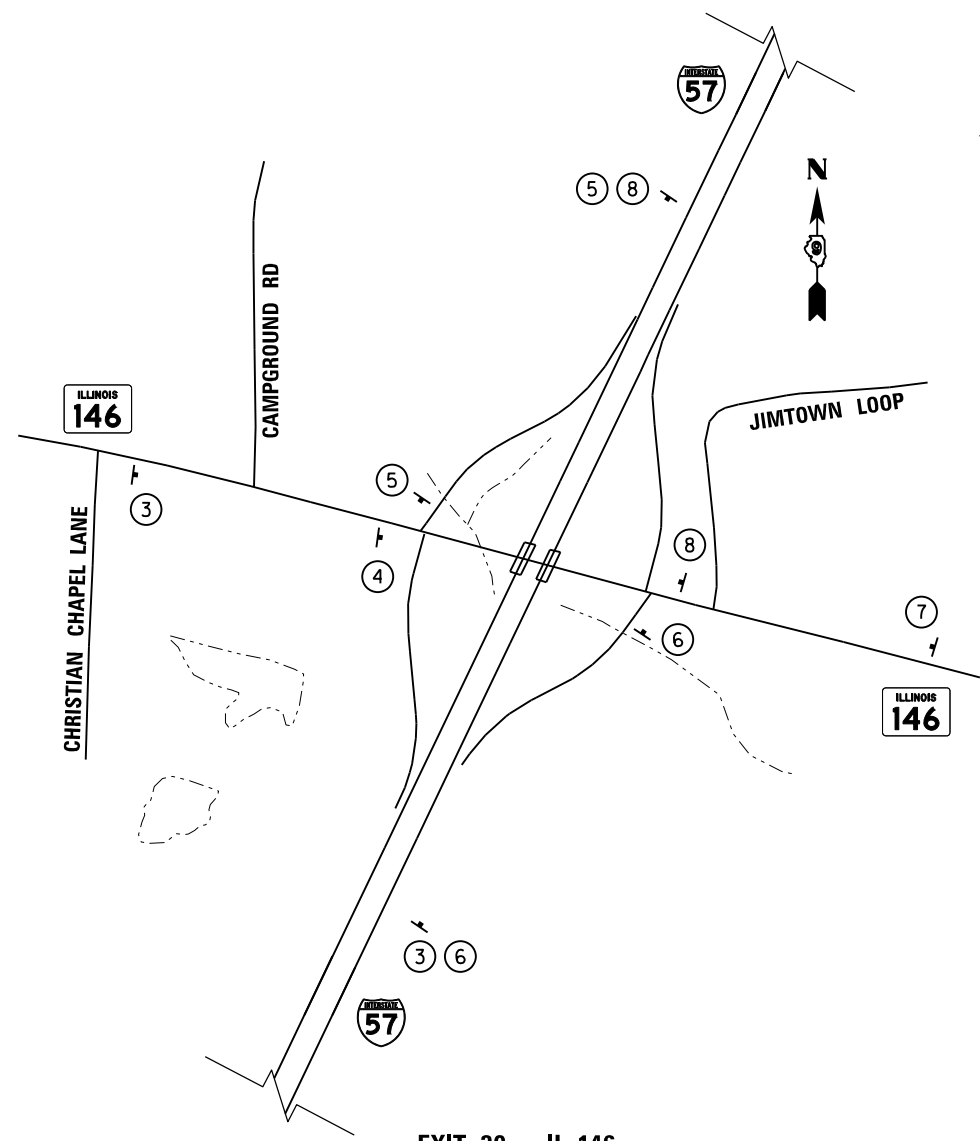
10



EXIT 36 - LICK CREEK



EXIT 24 - DONGOLA



EXIT 30 - IL 146

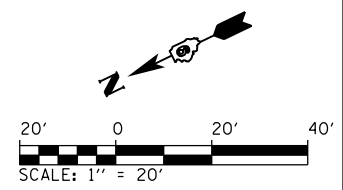
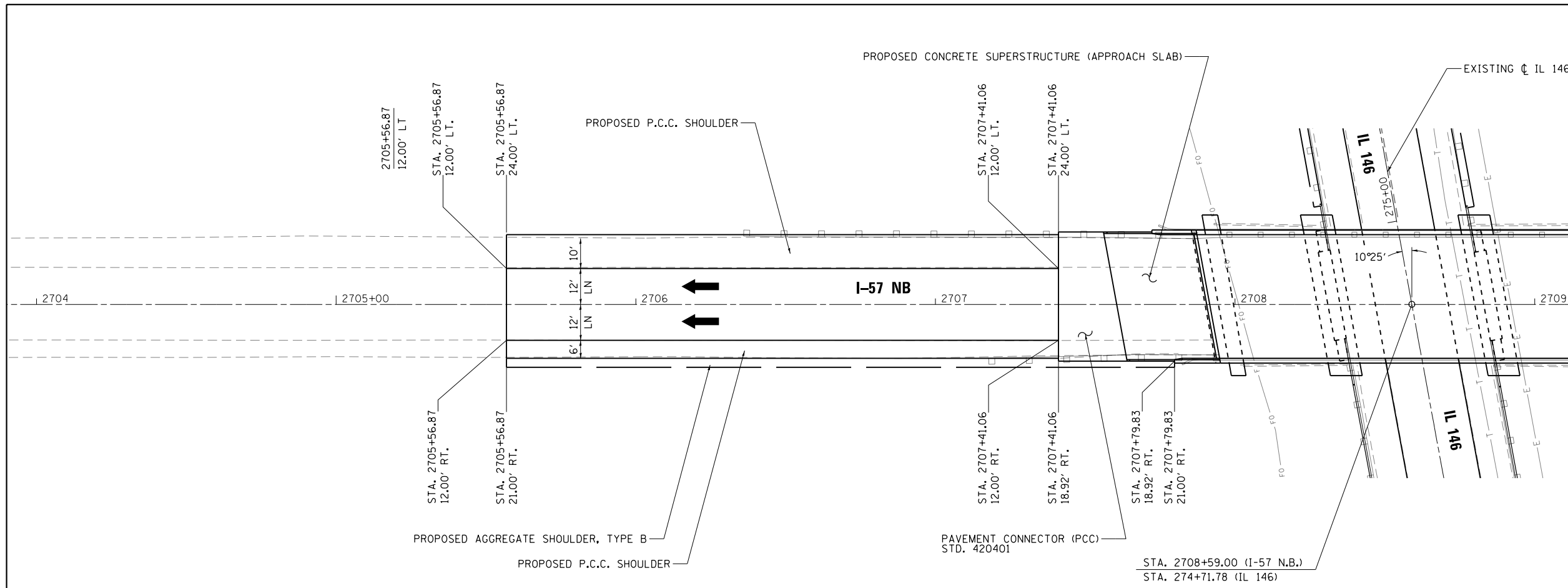
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Default	PLT DATE = 10/19/2016	CHECKED - JMM	REVISED -
		DATE - 09/30/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

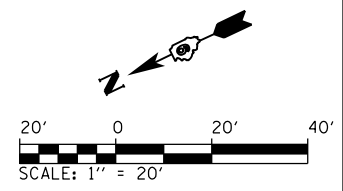
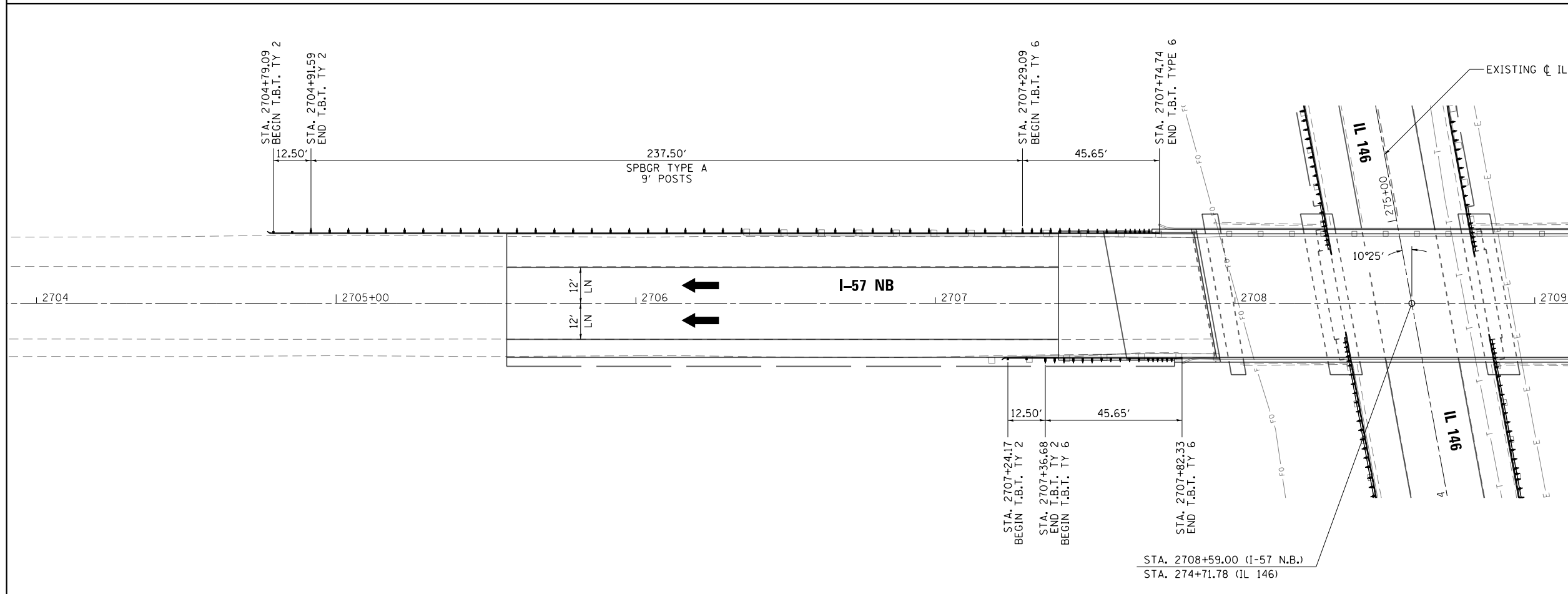
DETOUR PLANS
I-57

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	71
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

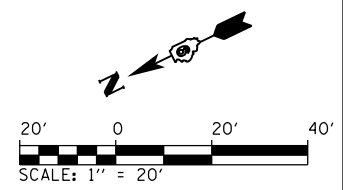
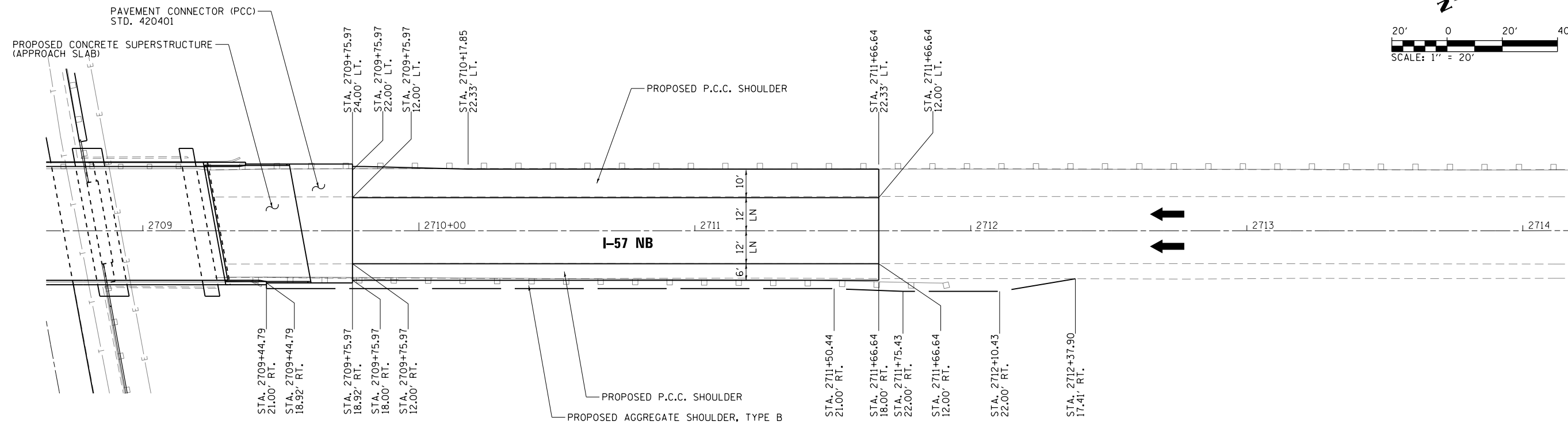


**I-57 NORTHBOUND LANES
PROPOSED SHOULDER LAYOUT**

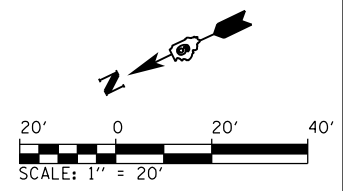
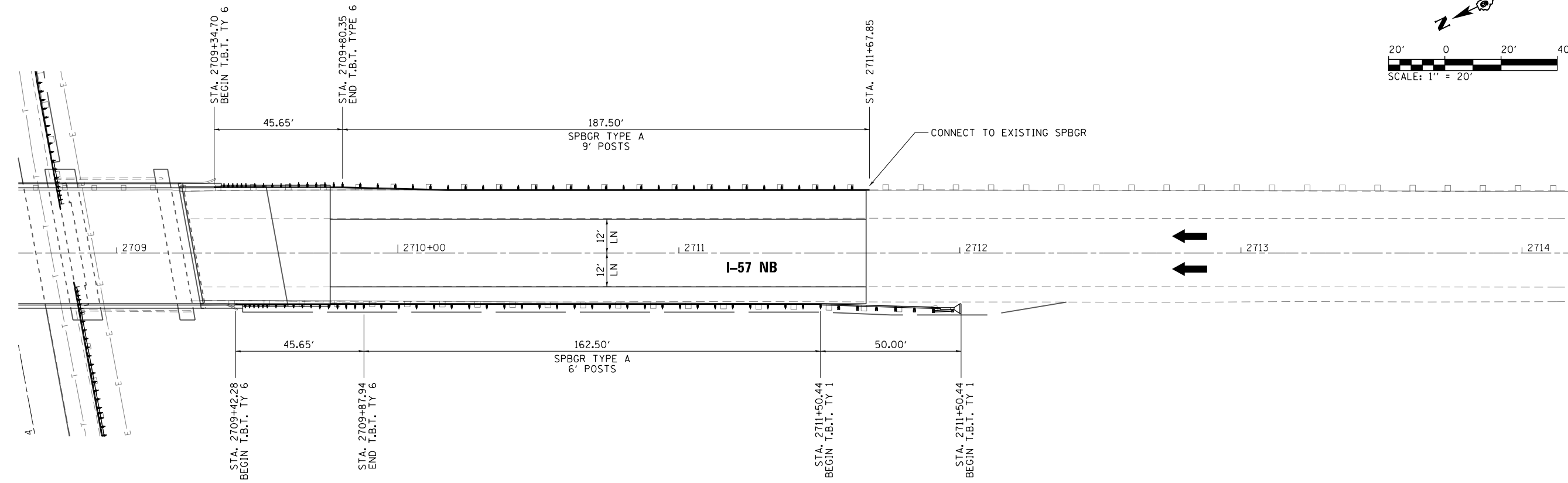


**I-57 NORTHBOUND LANES
PROPOSED GUARDRAIL LAYOUT**

FILE NAME = L:\DOT\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-SHLD&GRDRL NB-001.dgn ...0978349-sht-SHLD&GRDRL NB-001.dgn Default	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER AND GUARDRAIL PLANS I-57 NB			F.A.I. RTE. = 57	SECTION = (91-3H)BR-1	COUNTY = UNION	TOTAL SHEETS = 150	SHEET NO. = 72
	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 5 SHEETS	STA. 2704+00 TO STA. 2709+15	CONTRACT NO. 78349				
PLOT DATE = 10/19/2016	DATE = 09/30/16	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT								

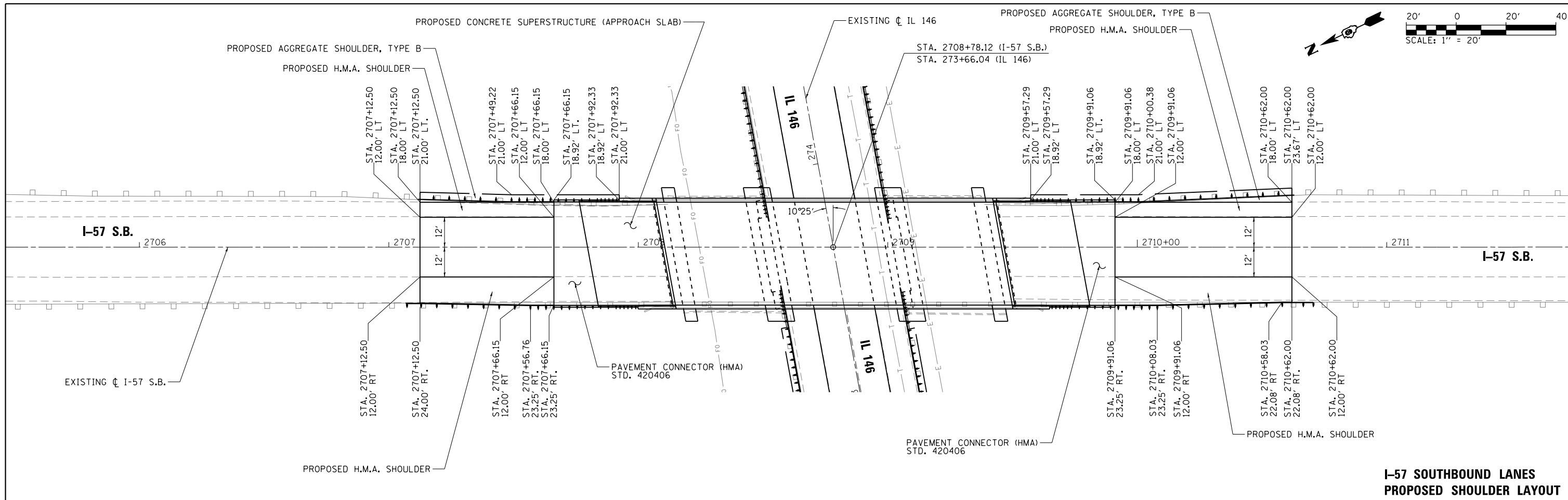


**I-57 NORTHBOUND LANES
PROPOSED SHOULDER LAYOUT**

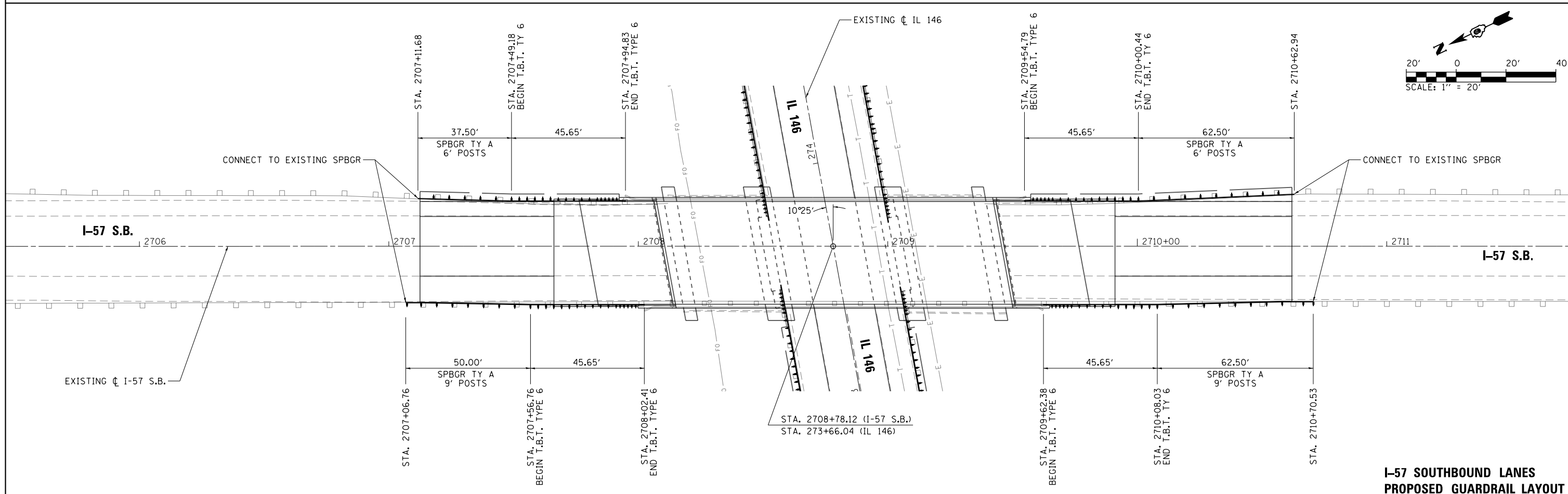


**I-57 NORTHBOUND LANES
PROPOSED GUARDRAIL LAYOUT**

FILE NAME = L:\IDOT\0806610\W0_29\Draw\Sheets\Roadway Plans\0978349-sht-SHL&GRDL NB-002.dgn ... \0978349-sht-SHL&GRDL NB-002.dgn Default	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER AND GUARDRAIL PLANS I-57 NB			F.A.I. RTE. = 57	SECTION = (91-3HB)R-1	COUNTY = UNION	TOTAL SHEETS = 150	SHEET NO. = 73
	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 5 SHEETS	STA. 2708+65 TO STA. 2714+00	CONTRACT NO. 78349				
	PLOT DATE = 10/19/2016	DATE = 09/30/16	REVISED -		ILLINOIS FED. AID PROJECT							

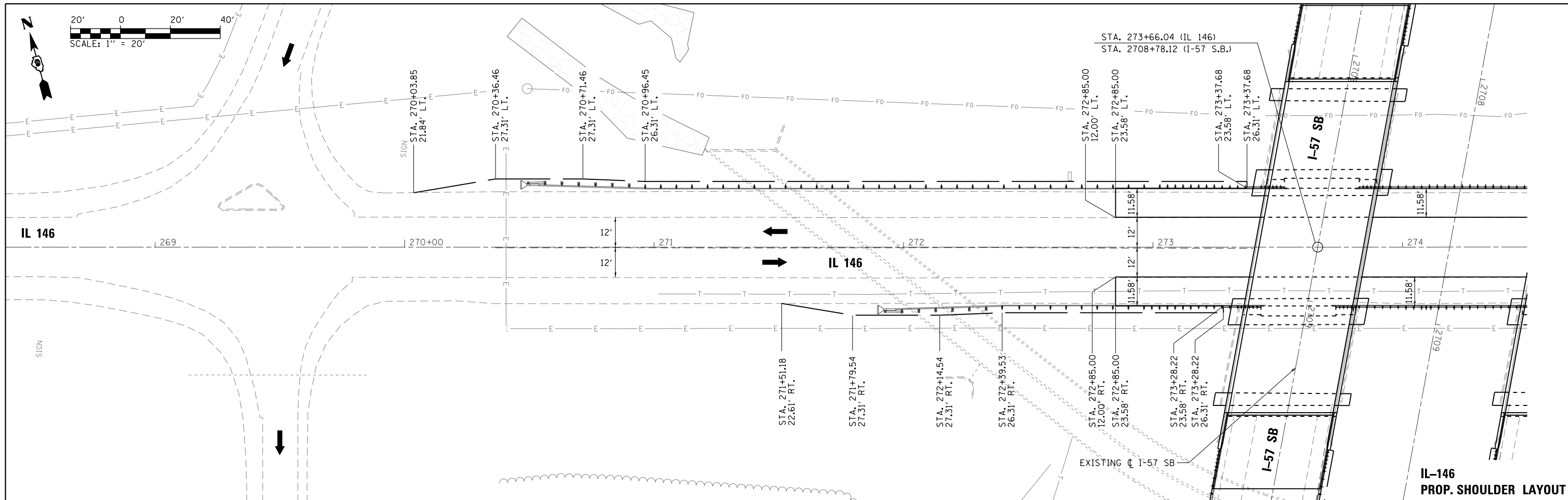


**I-57 SOUTHBOUND LANES
PROPOSED SHOULDER LAYOUT**

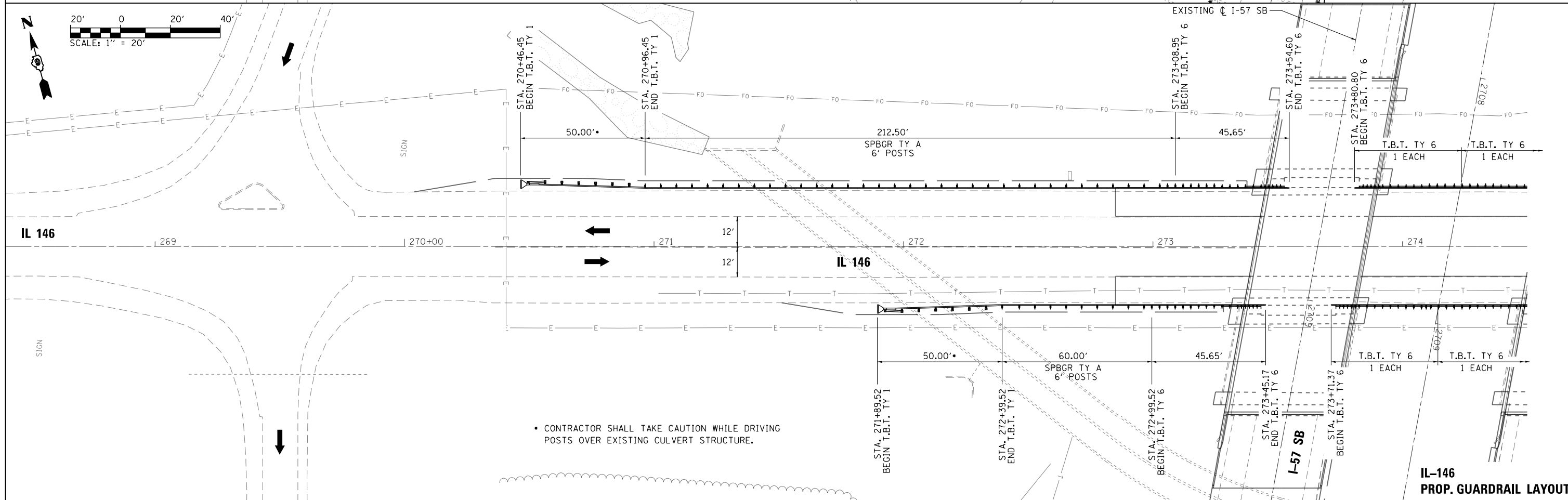


**I-57 SOUTHBOUND LANES
PROPOSED GUARDRAIL LAYOUT**

FILE NAME = L:\100T\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-SHLD&GRDRL SB.dgn ... \0978349-sht-SHLD&GRDRL SB.dgn Default	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER AND GUARDRAIL PLAN I-57 SB			F.A.I. RTE. = 57	SECTION = (91-3HB)BR-1	COUNTY = UNION	TOTAL SHEETS = 150	SHEET NO. = 74
	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -		SCALE: 1" = 20'	SHEET 3 OF 5 SHEETS	STA. 2706+00 TO STA. 2711+00	CONTRACT NO. 78349				
	PLOT DATE = 10/19/2016	DATE = 09/30/16	REVISED -		ILLINOIS FED. AID PROJECT							

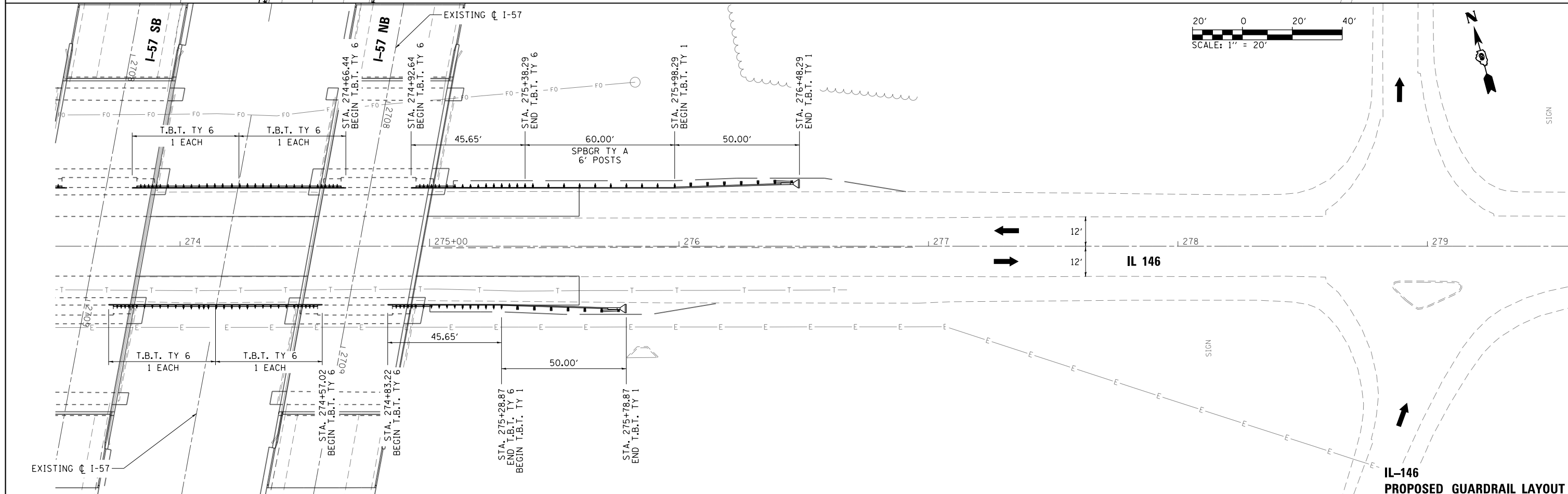
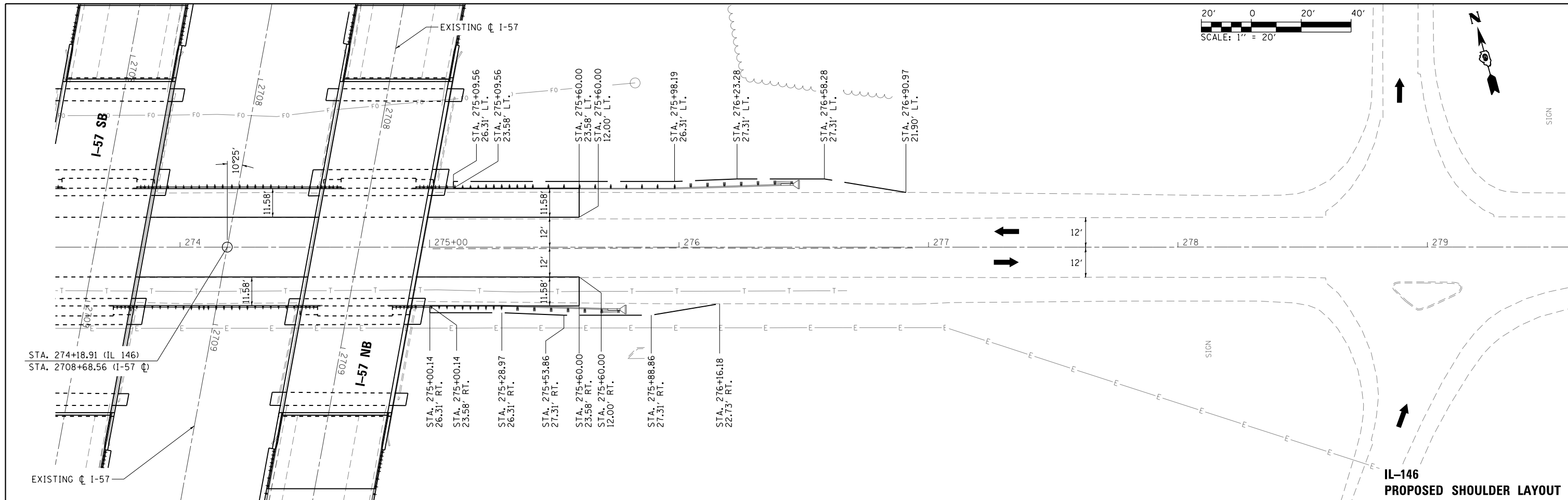


**IL-146
PROP. SHOULDER LAYOUT**

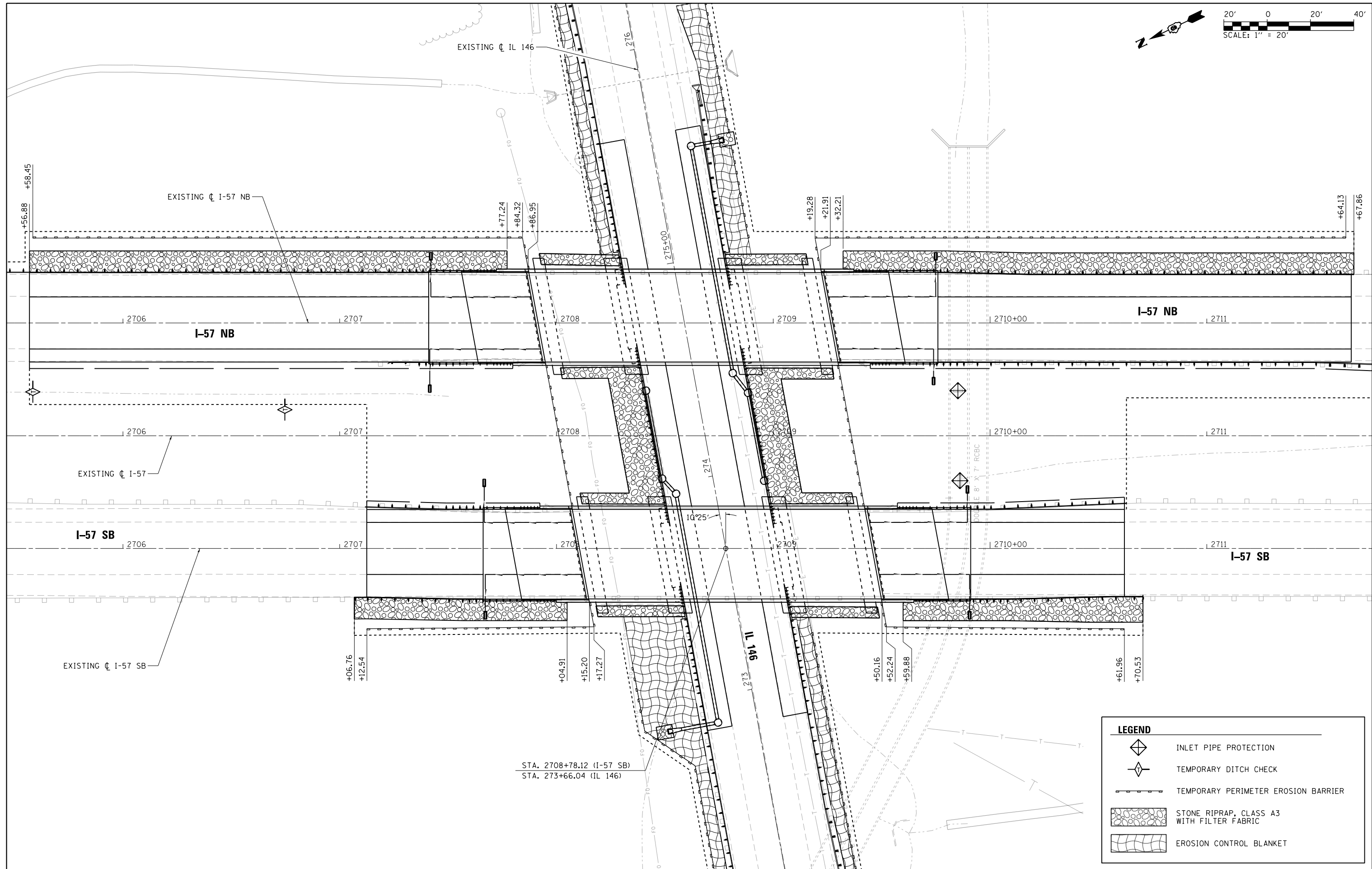
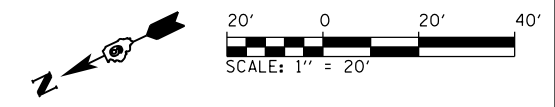


**IL-146
PROP. GUARDRAIL LAYOUT**

FILE NAME = L:\100T\0806610\WO_29\Draw\Sheets\Roadway Plans\0978349-sht-SHLD&GRDRL-IL146-001.dgn	USER NAME = Matt Overbey	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER AND GUARDRAIL PLANS IL-146			F.A.I. RTE. = 57	SECTION = (91-3HB)BR-1	COUNTY = UNION	TOTAL SHEETS = 150	SHEET NO. = 75
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET 4 OF 5 SHEETS	STA. 268+50 TO STA. 274+50	CONTRACT NO. 78349				
	PLOT DATE = 10/19/2016	DATE = 09/30/16	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER AND GUARDRAIL PLANS IL-146		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\IDOT\0806610\WD_29\Draw\Sheets\Roadway Plans\0978349-sht-SHLD&GRDRL-IL146-002.dgn	...	DRAWN - RAH	REVISED -		SCALE: 1" = 20'	SHEET 5 OF 5 SHEETS	STA. 273+50 TO STA. 279+50	57	(91-3HB)BR-1	UNION	150	76
Default	PLOT SCALE = 40.0000' / in.	CHECKED - JMM	REVISED -		CONTRACT NO. 78349							
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -		ILLINOIS FED. AID PROJECT							



LEGEND	
	INLET PIPE PROTECTION
	TEMPORARY DITCH CHECK
	TEMPORARY PERIMETER EROSION BARRIER
	STONE RIPRAP, CLASS A3 WITH FILTER FABRIC
	EROSION CONTROL BLANKET

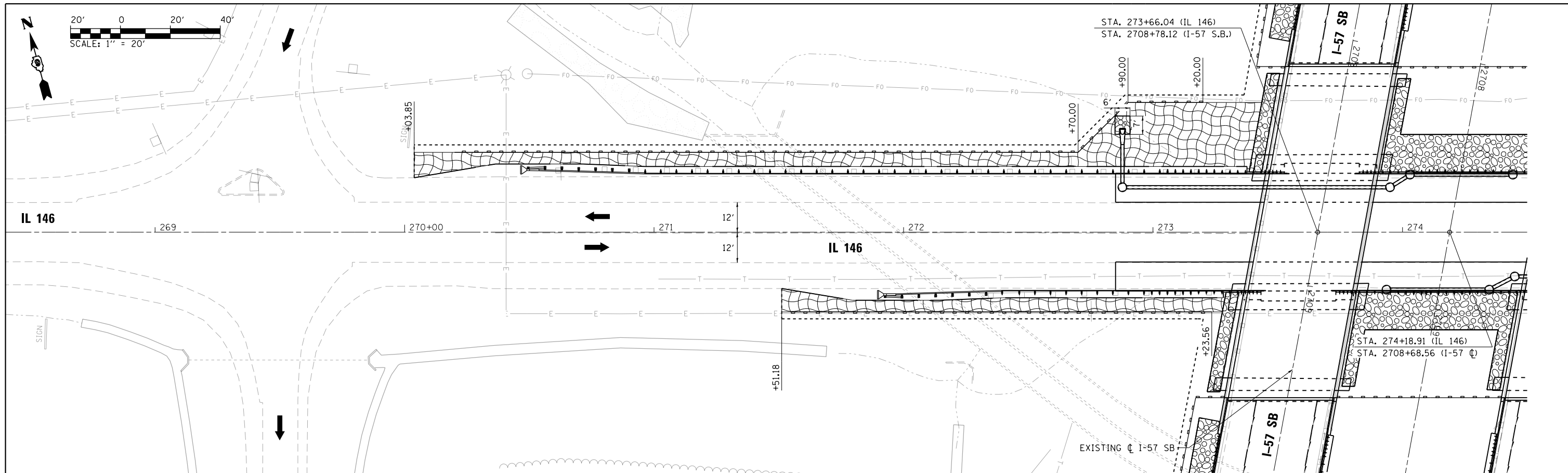
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... \0978349-sht-ER05.I-57.dgn		CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
I-57**

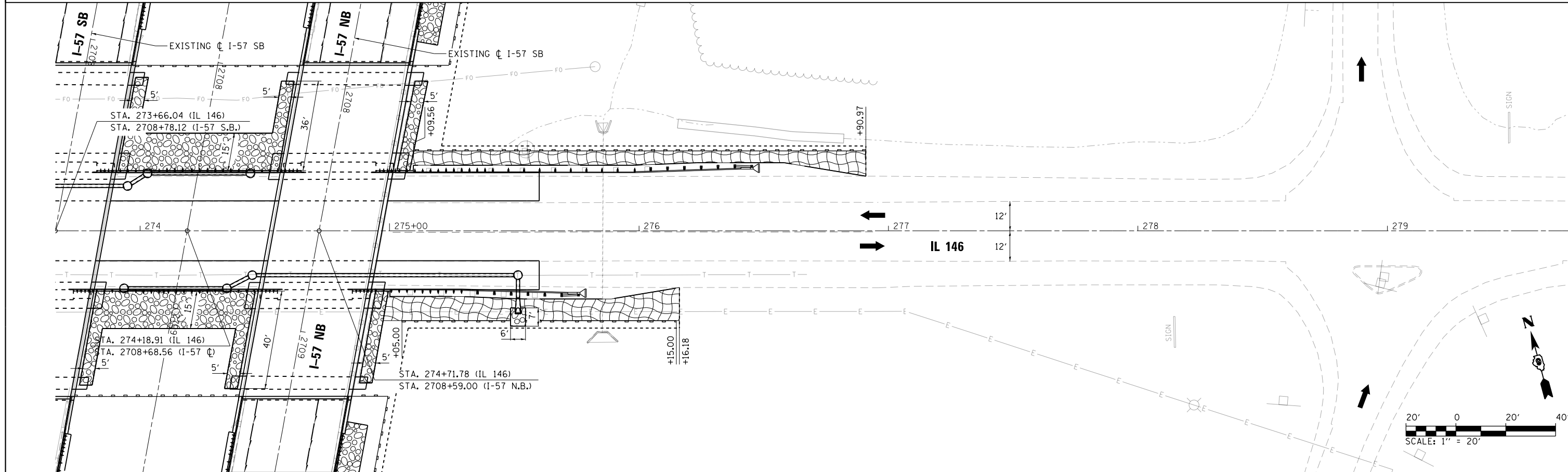
SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 2705+50 TO STA. 2711+70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	77
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

- STONE RIPRAP, CLASS A3 WITH FILTER FABRIC
- EROSION CONTROL BLANKET
- TEMPORARY PERIMETER EROSION BARRIER
- INLET PIPE PROTECTION
- TEMPORARY DITCH CHECK



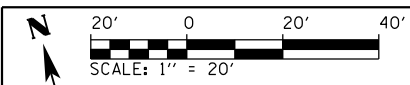
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...	...	DRAWN - RAH	REVISED -
...	...	CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
IL-146**

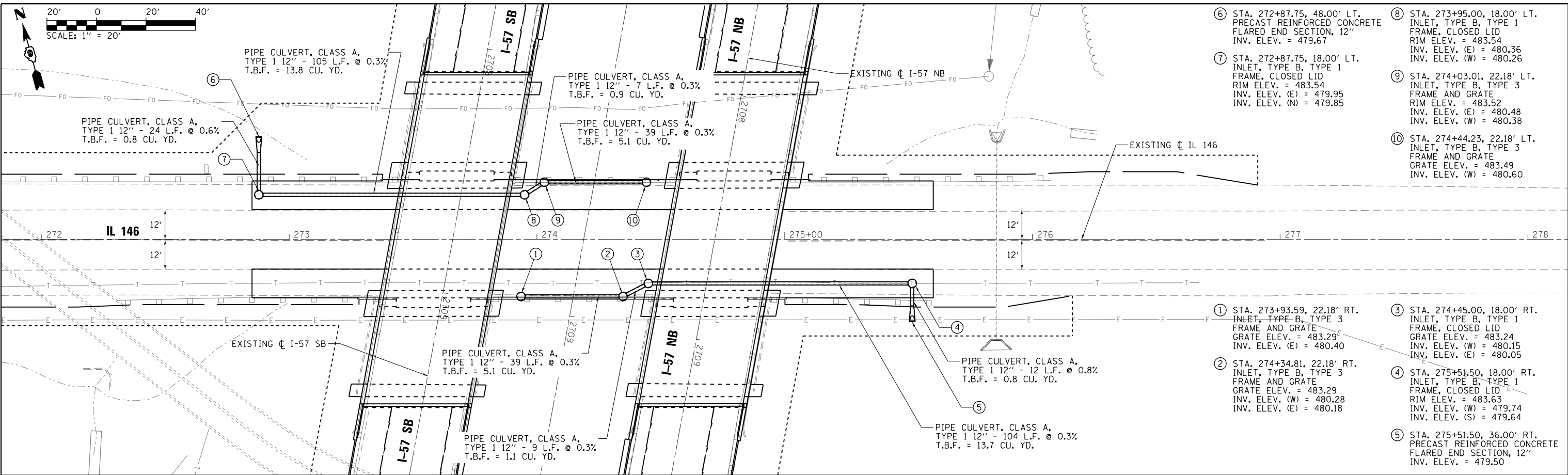
SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 269+00 TO STA. 279+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	78
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

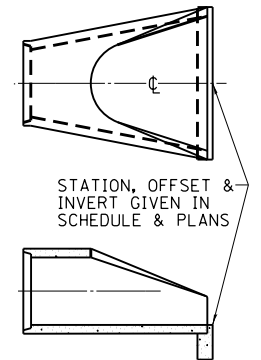
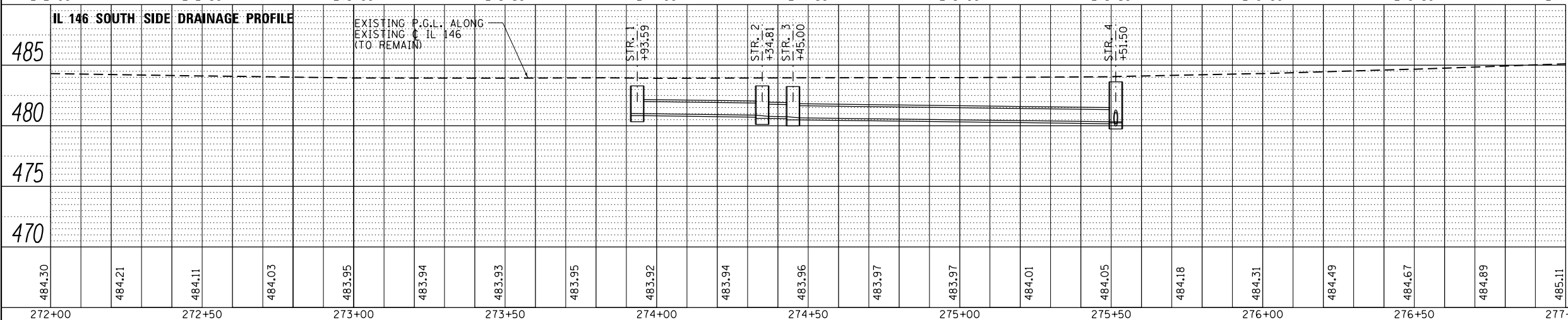
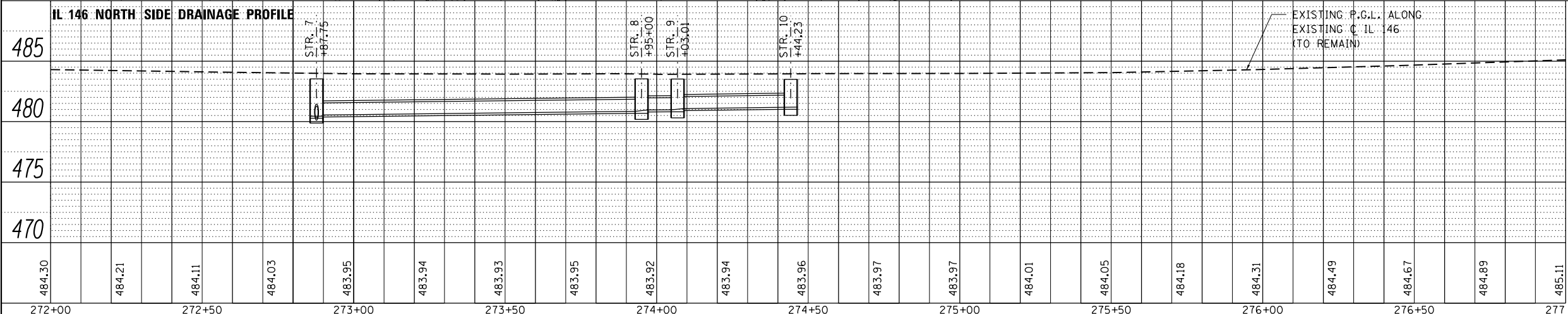


PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

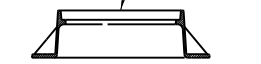
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



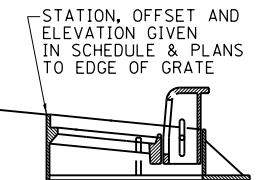
- ⑥ STA. 272+87.75, 48.00' LT. PRECAST REINFORCED CONCRETE FLARED END SECTION, 12" INV. ELEV. = 479.67
- ⑦ STA. 272+87.75, 18.00' LT. INLET, TYPE B, TYPE 1 FRAME, CLOSED LID RIM ELEV. = 483.54 INV. ELEV. (E) = 480.36 INV. ELEV. (W) = 480.26
- ⑧ STA. 273+95.00, 18.00' LT. INLET, TYPE B, TYPE 1 FRAME, CLOSED LID RIM ELEV. = 483.54 INV. ELEV. (E) = 480.36 INV. ELEV. (W) = 480.26
- ⑨ STA. 274+03.01, 22.18' LT. INLET, TYPE B, TYPE 3 FRAME AND GRATE RIM ELEV. = 483.52 INV. ELEV. (E) = 480.48 INV. ELEV. (W) = 480.38
- ⑩ STA. 274+44.23, 22.18' LT. INLET, TYPE B, TYPE 3 FRAME AND GRATE GRATE ELEV. = 483.49 INV. ELEV. (W) = 480.60
- ① STA. 273+93.59, 22.18' RT. INLET, TYPE B, TYPE 3 FRAME AND GRATE GRATE ELEV. = 483.29 INV. ELEV. (E) = 480.40
- ② STA. 274+34.81, 22.18' RT. INLET, TYPE B, TYPE 3 FRAME AND GRATE GRATE ELEV. = 483.29 INV. ELEV. (W) = 480.28 INV. ELEV. (E) = 480.18
- ③ STA. 274+45.00, 18.00' RT. INLET, TYPE B, TYPE 1 FRAME, CLOSED LID RIM ELEV. = 483.24 INV. ELEV. (W) = 480.15 INV. ELEV. (E) = 480.05
- ④ STA. 275+51.50, 18.00' RT. INLET, TYPE B, TYPE 1 FRAME, CLOSED LID RIM ELEV. = 483.63 INV. ELEV. (W) = 479.74 INV. ELEV. (S) = 479.64
- ⑤ STA. 275+51.50, 36.00' RT. PRECAST REINFORCED CONCRETE FLARED END SECTION, 12" INV. ELEV. = 479.50



CONC. END SECTIONS

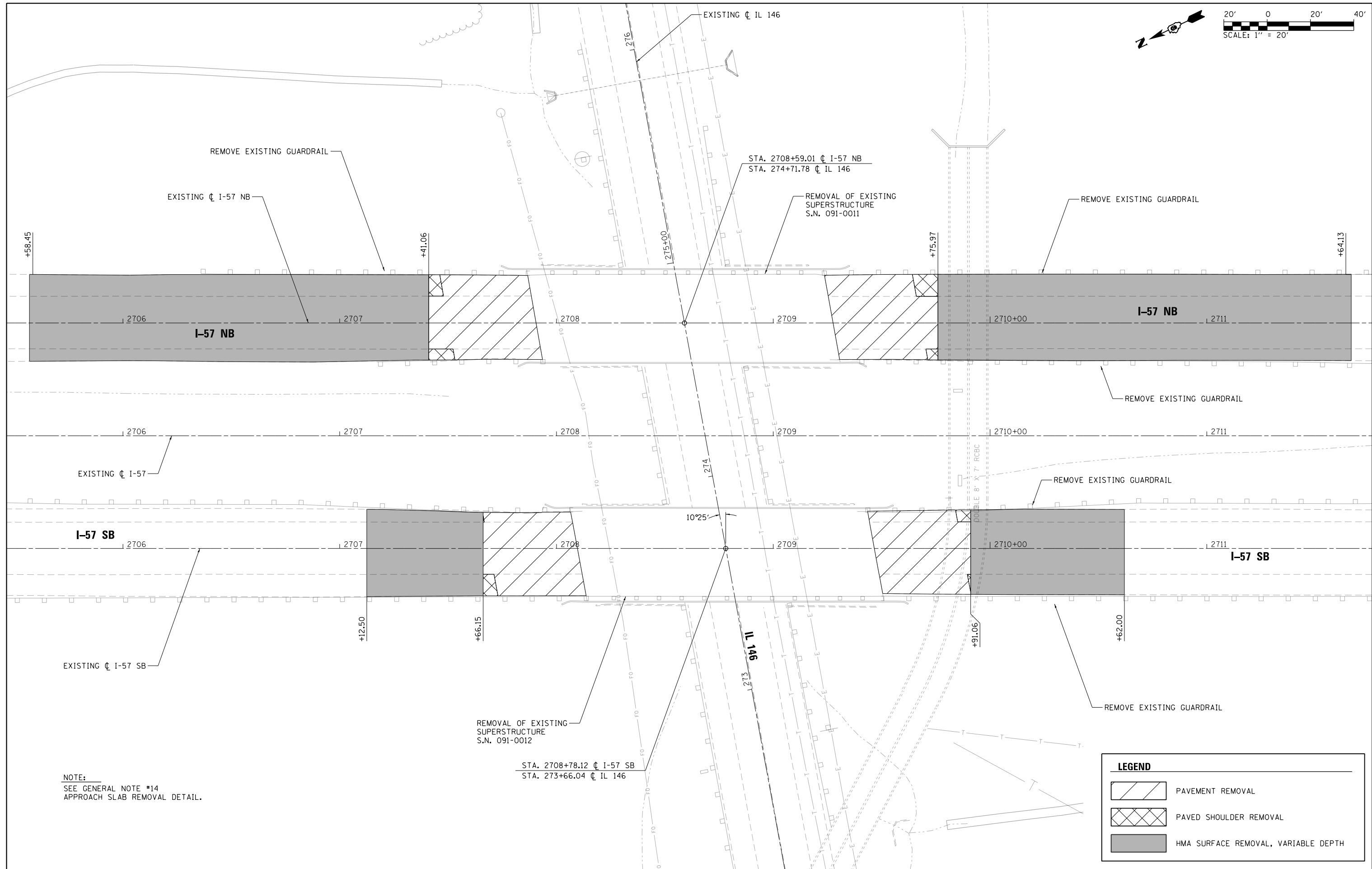
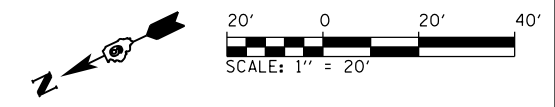


TYPE 1 FRAME AND LID



TYPE 3 FRAME AND GRATE

STATION AND OFFSET ARE NOT TO THE CENTER OF THE MANHOLE OR INLET.



NOTE:
SEE GENERAL NOTE #14
APPROACH SLAB REMOVAL DETAIL.

LEGEND			
	PAVEMENT REMOVAL		
	PAVED SHOULDER REMOVAL		
	HMA SURFACE REMOVAL, VARIABLE DEPTH		

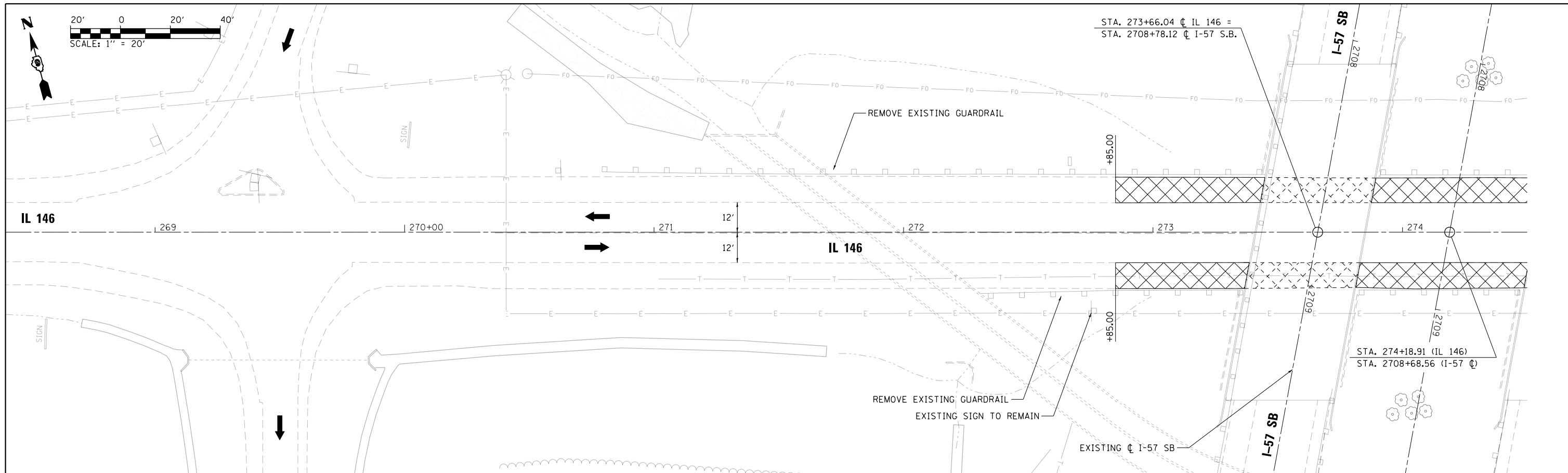
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... \0978349-sht-Removal-I-57.dgn		CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
I-57**

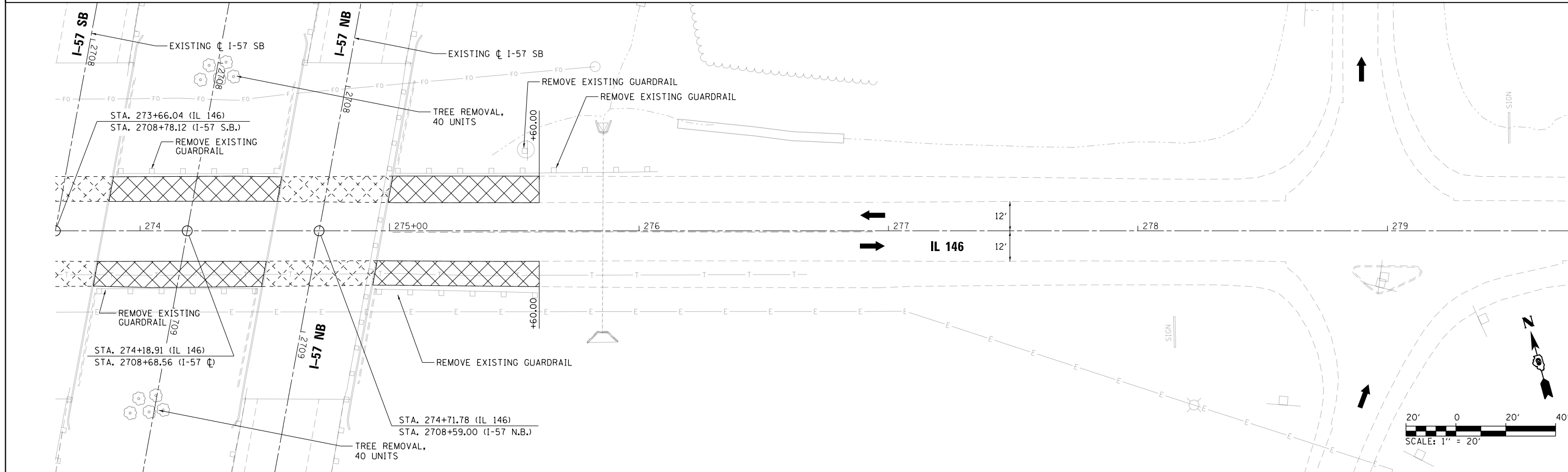
SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 2705+50 TO STA. 2711+70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	80
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

	PAVEMENT REMOVAL		PAVED SHOULDER REMOVAL		HMA SURFACE REMOVAL, VARIABLE DEPTH
--	------------------	--	------------------------	--	-------------------------------------



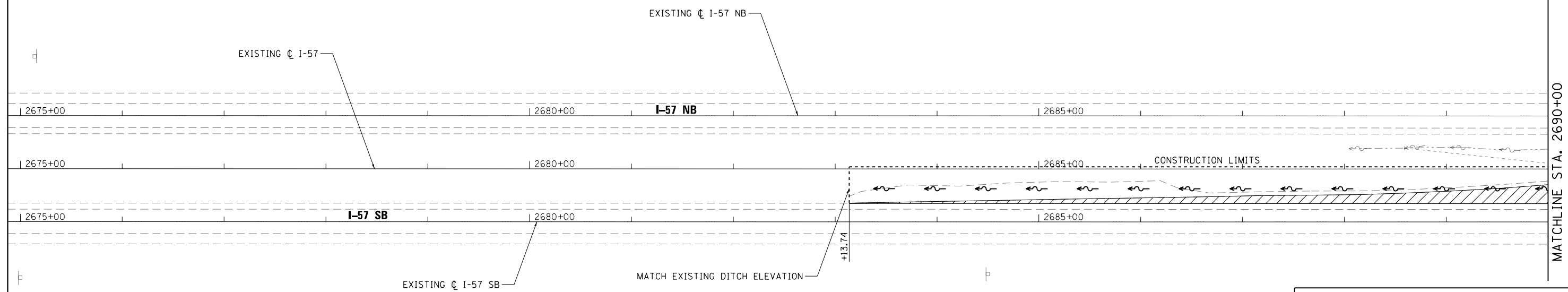
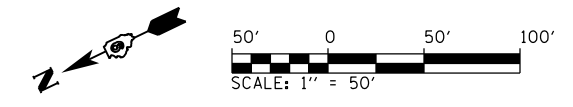
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Default		CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL-146**

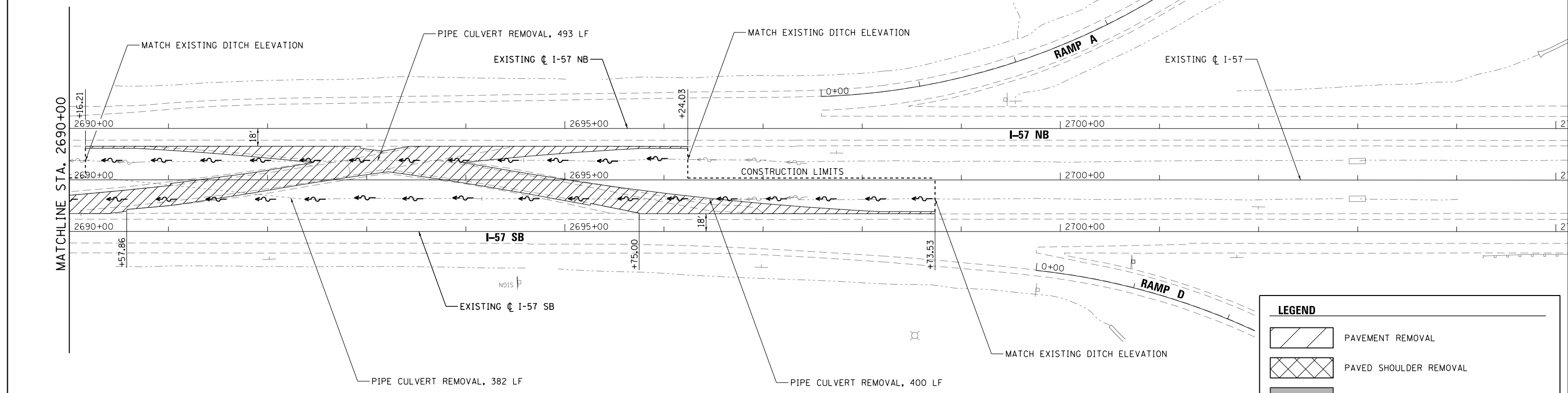
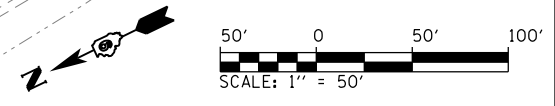
SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 269+00 TO STA. 279+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	81
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH



LEGEND

- PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH

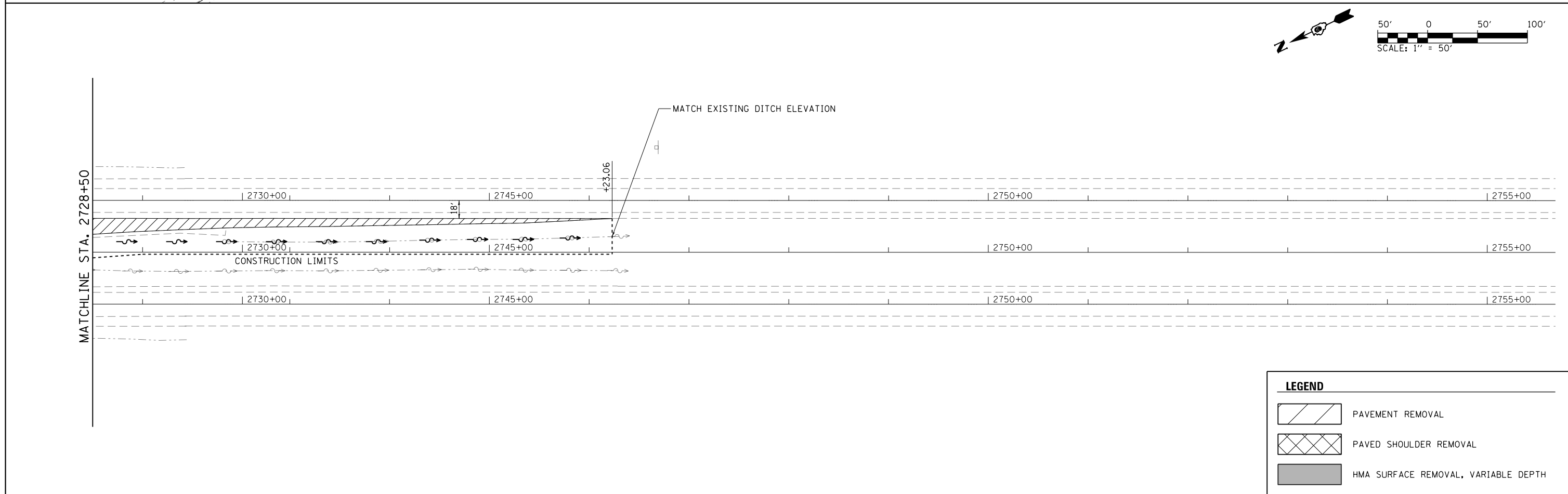
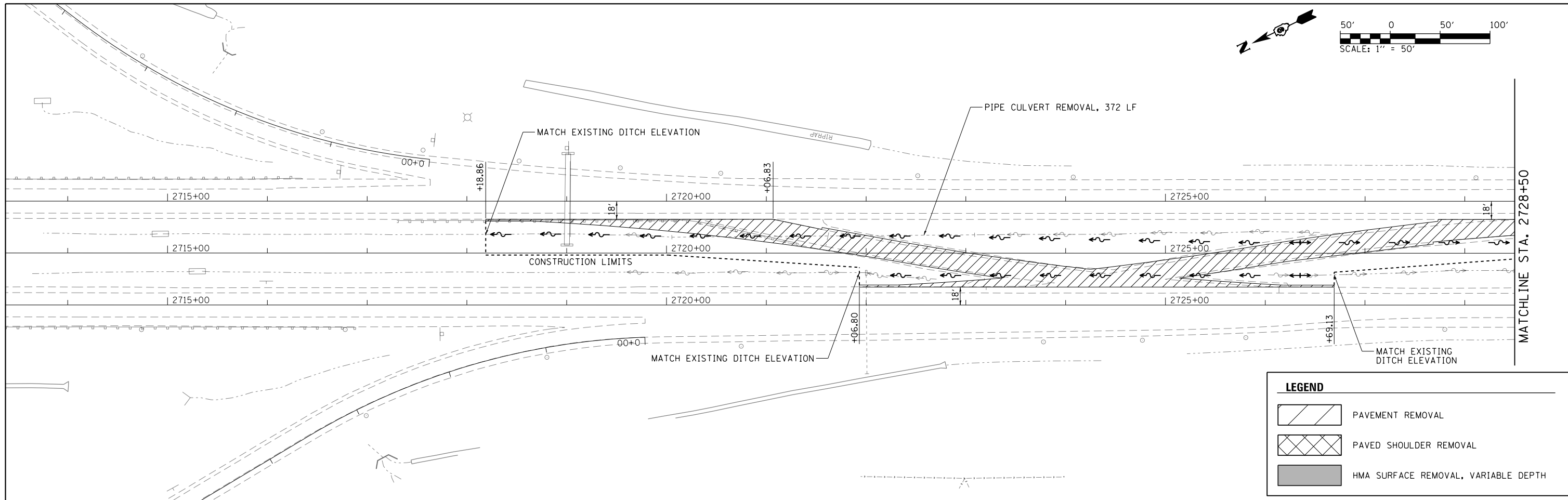
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
I-57 NORTH CROSSOVER**

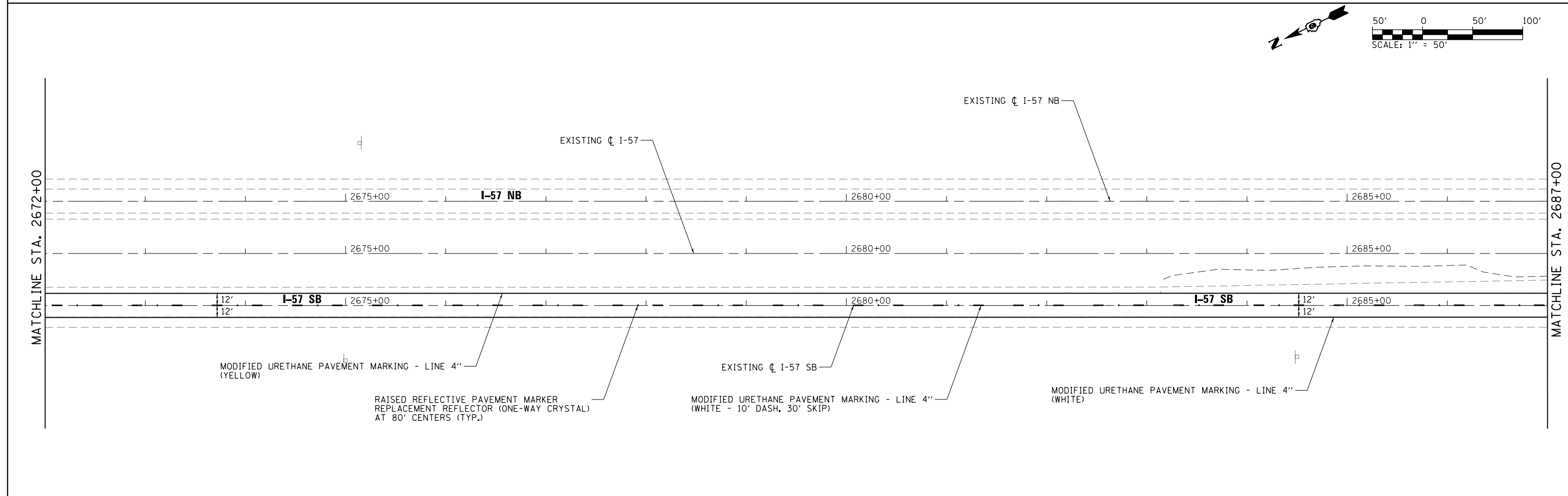
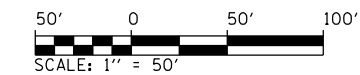
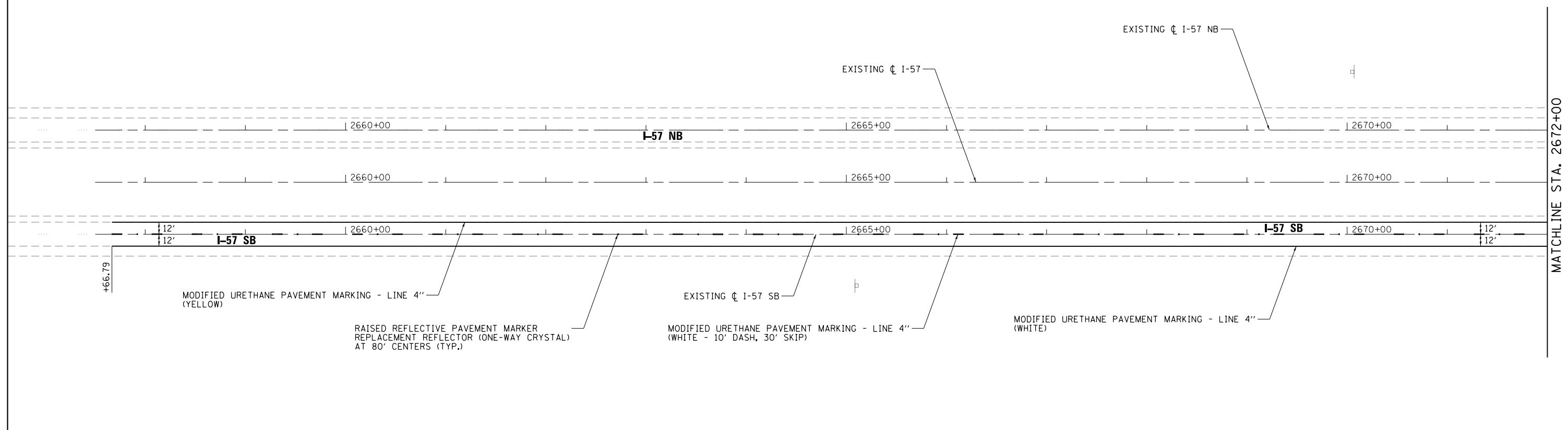
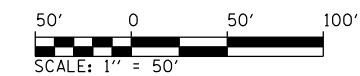
SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. 2675+00 TO STA. 2700+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	82
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN I-57 SOUTH CROSSOVER	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\DOT\0806610\W0_29\Draw\Sheets\Roadway Plans\0978349-sht-Removal-South XOver.dgn	...	DRAWN - RAH	REVISED -			57	(91-3HB)BR-1	UNION	150	83	
Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -			CONTRACT NO. 78349					
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. 2715+00 TO STA. 2755+00



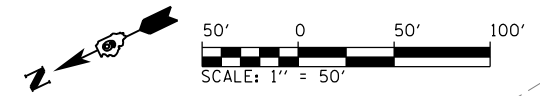
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Default	PLOT DATE = 10/19/2016	CHECKED - JMM	REVISED -
		DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
I-57**

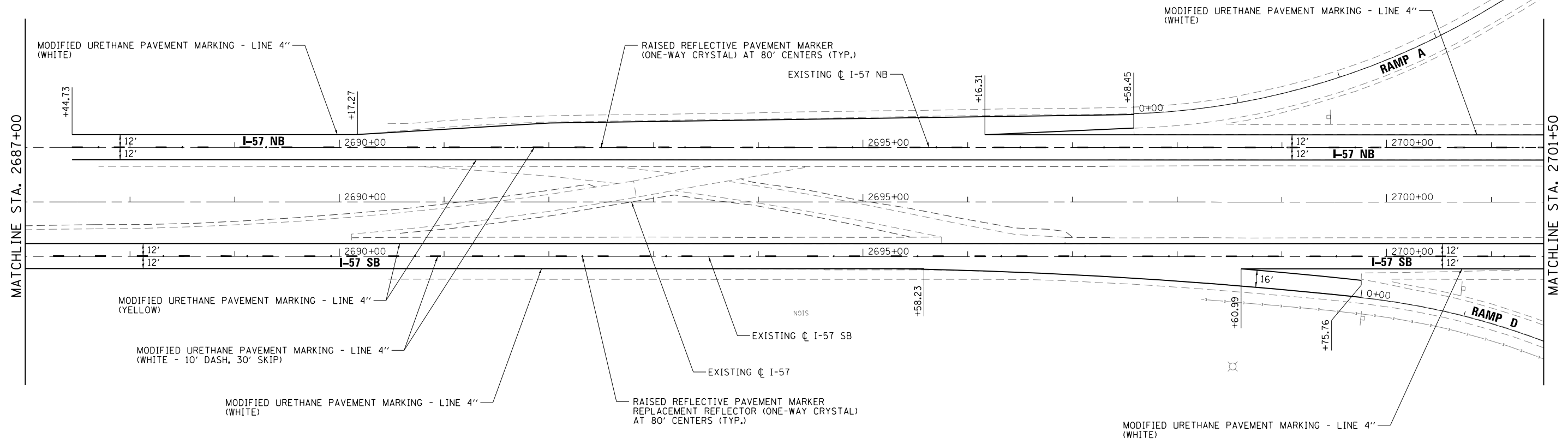
SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 2660+00 TO STA. 2687+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	84
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



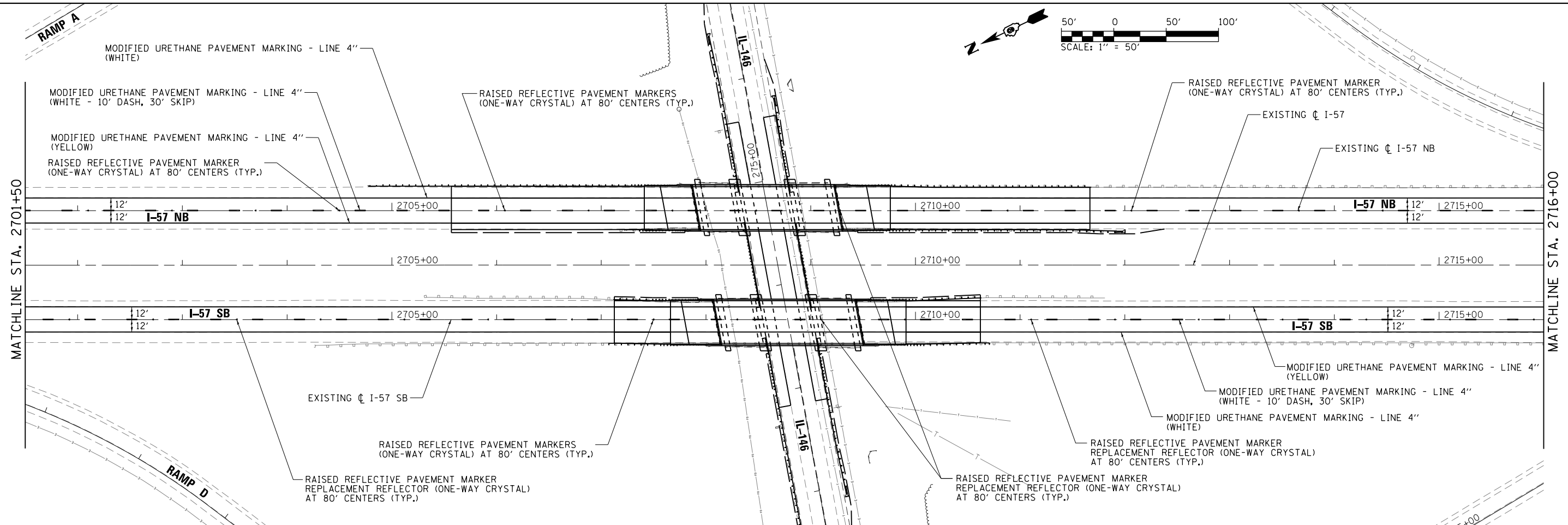
MATCHLINE STA. 2687+00

MATCHLINE STA. 2701+50



MATCHLINE STA. 2701+50

MATCHLINE STA. 2716+00



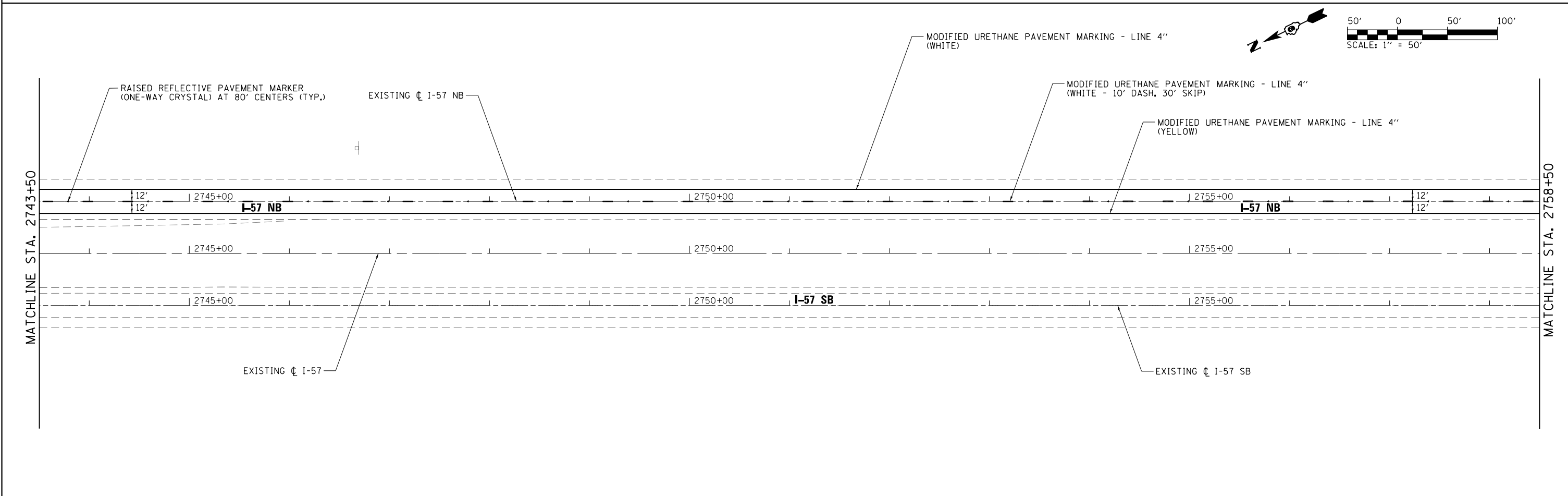
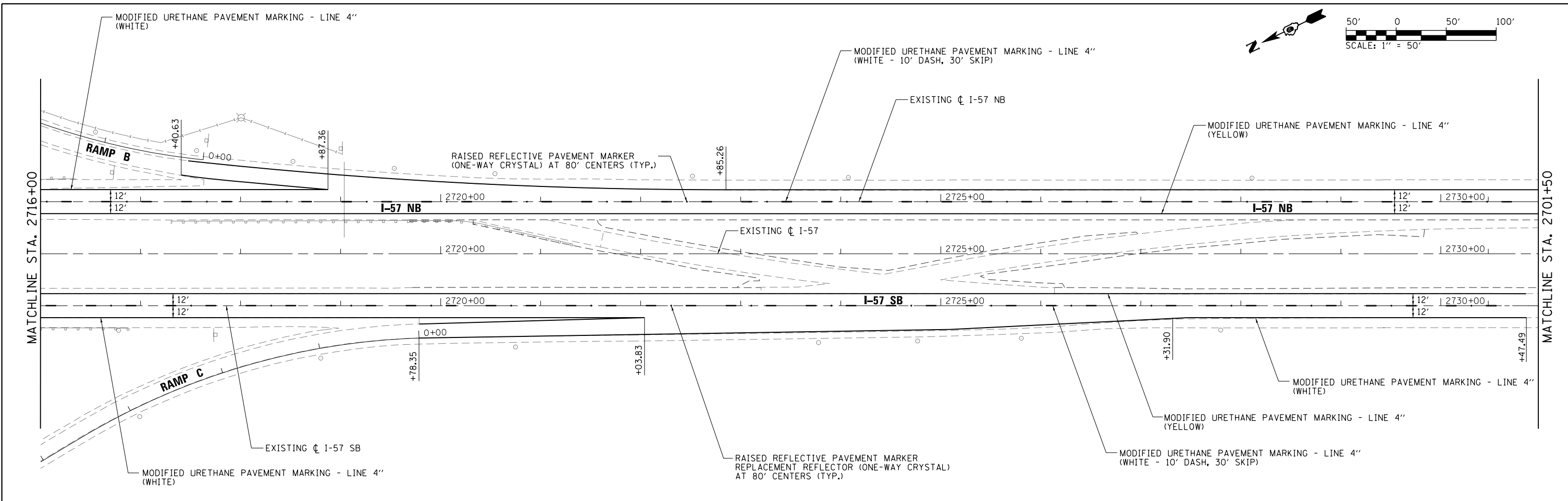
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	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

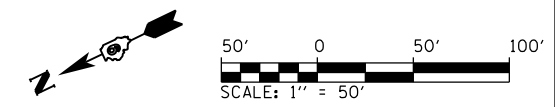
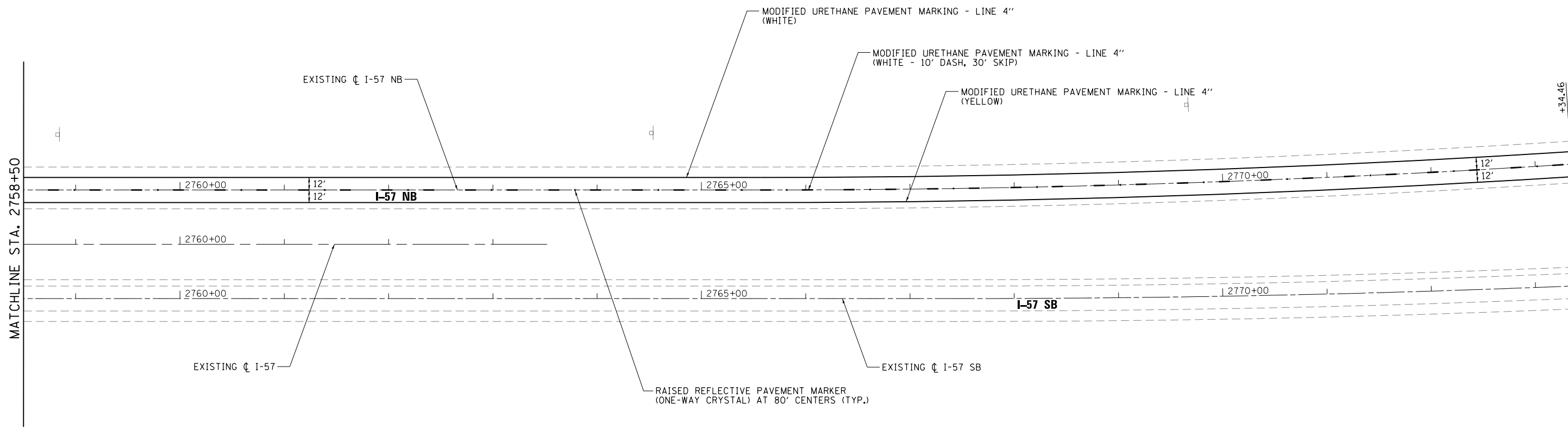
**PAVEMENT MARKING PLAN
I-57**

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 2687+00 TO STA. 2716+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	85
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



FILE NAME = L:\100T\0806610\10_29\Draw\Sheets\Roadway Plans\0978349-sht-PMK-003.dgn ... \0978349-sht-PMK-003.dgn Default	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN I-57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -					57	(91-3HB)BR-1	UNION	150	86
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -		SCALE: 1" = 50'	SHEET 3 OF 5 SHEETS	STA. 2716+00 TO STA. 2758+50	CONTRACT NO. 78349 ILLINOIS FED. AID PROJECT				



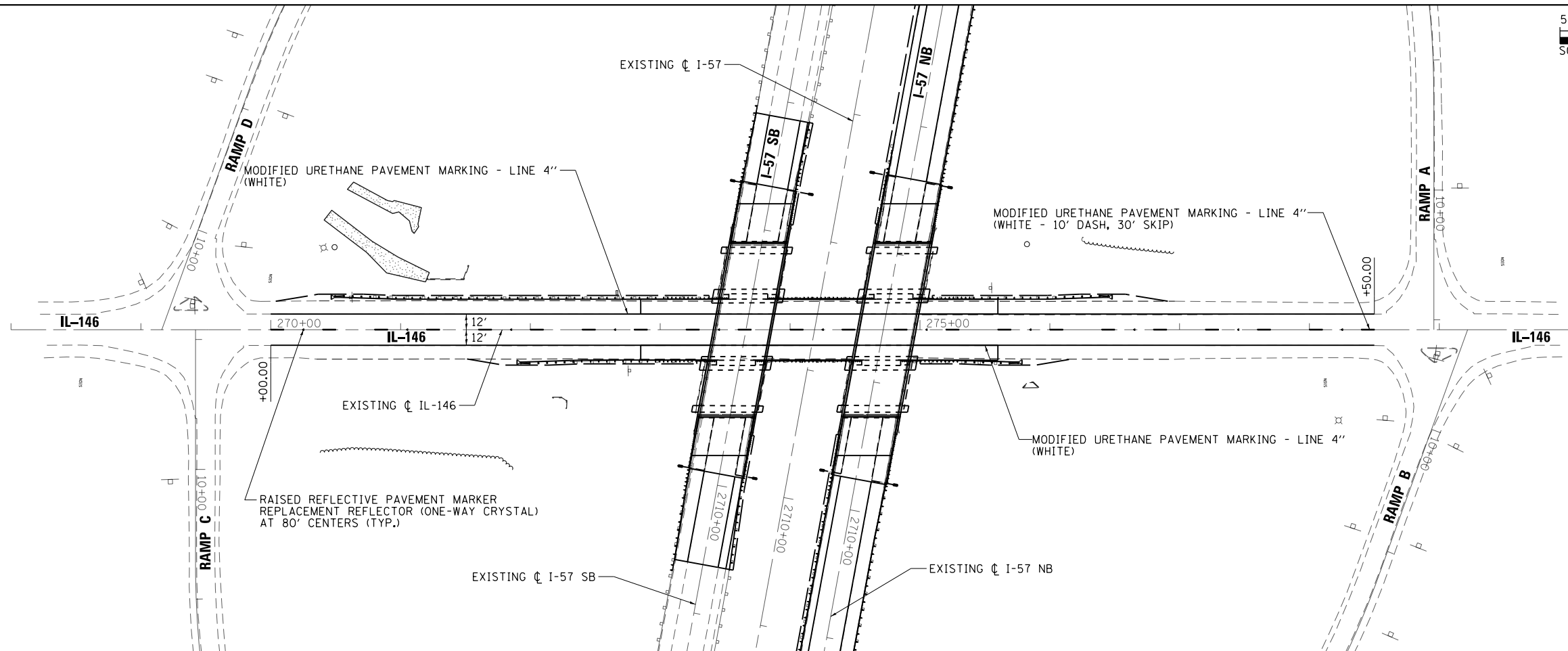
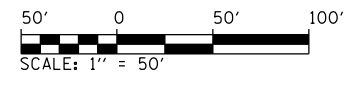
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
I-57**

SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 2716+00 TO STA. 2758+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	87
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				



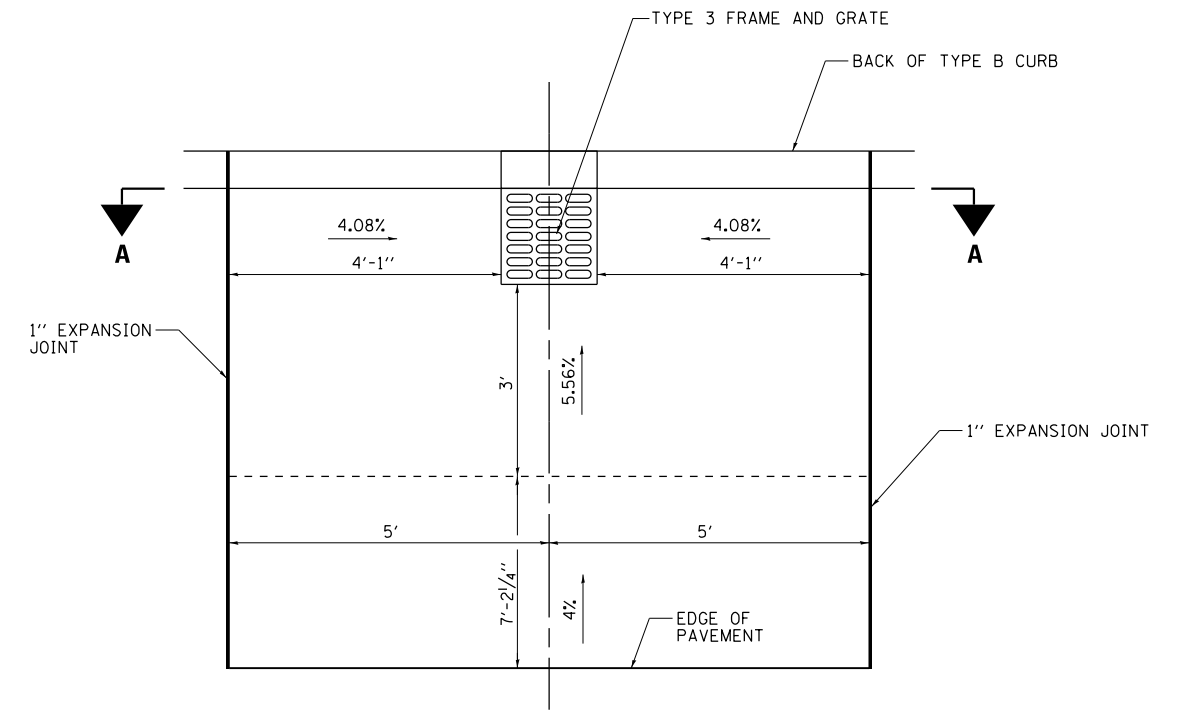
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

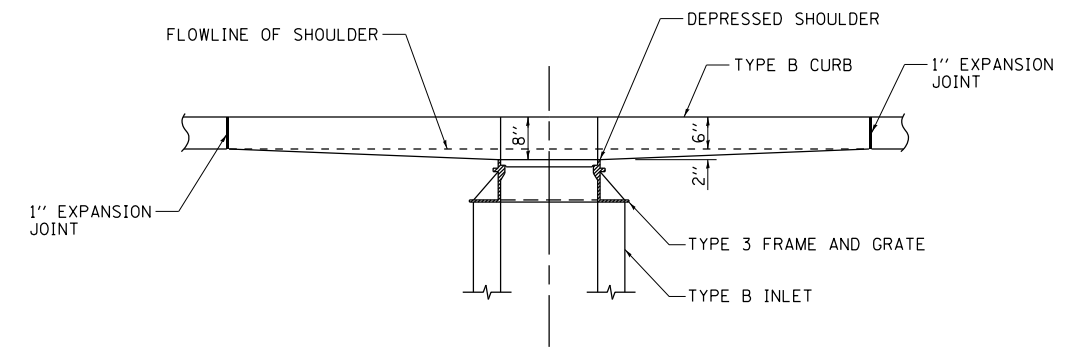
**PAVEMENT MARKING PLAN
IL 146**

SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. 268+00 TO STA. 279+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	88
				CONTRACT NO. 78349
ILLINOIS FED. AID PROJECT				



PLANVIEW



SECTION A-A

FILE NAME =	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
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... \0978349-sht-Detail.dgn	PLOT SCALE = 3.0000' / in.	CHECKED - JMM	REVISED -
Default	PLOT DATE = 10/19/2016	DATE - 09/30/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUTTER DEPRESSION AT INLETS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	89
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

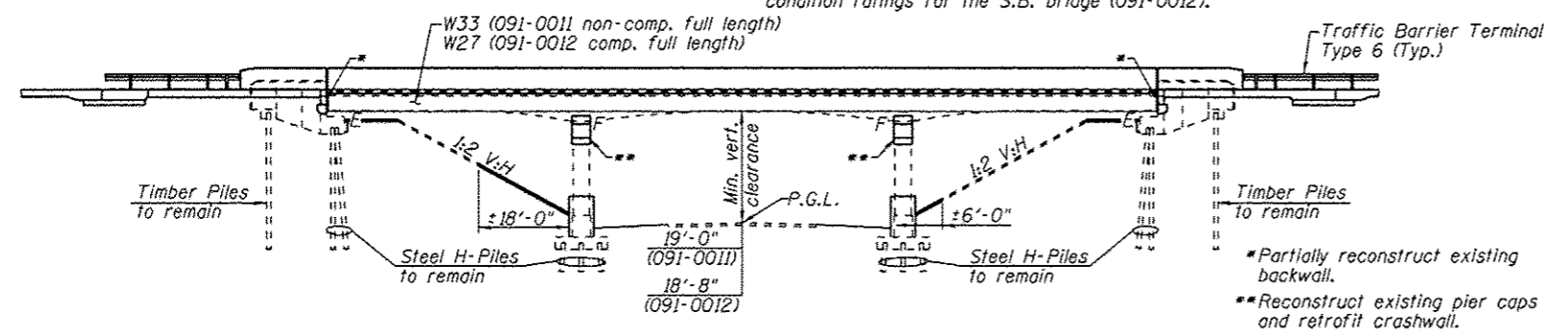
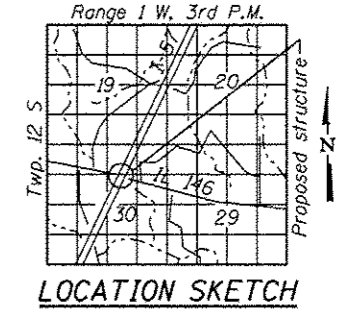
Bench Mark: Chiseled "□" on S.E. wingwall of S.N. 091-0012 - Elev. 506.63 Existing Structure: Existing SN 091-0011 & 0012 were constructed under Section 91-3HB in 1958.

Salvage: None

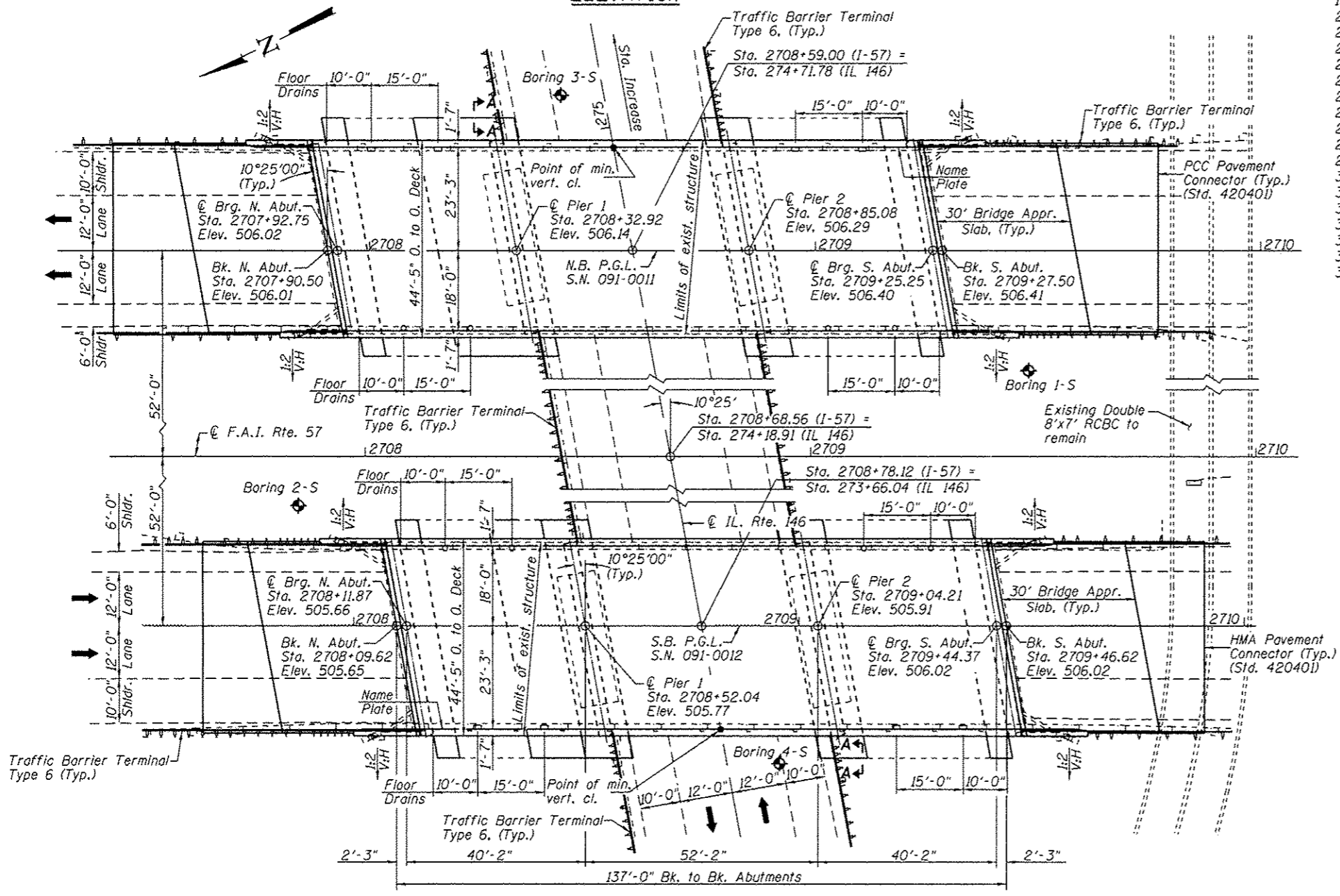
The existing structures are three span (40'-2", 52'-2", 40'-2") continuous haunched conc. T beam bridges on spill through pile bent abuts. and three column conc. hammerhead piers on steel pile supported spread footings. 137'-0" bk. to bk. of abutments. 43'-8" out to out of deck, 10°-25' right ahead skew. The Contractor will remove and replace the exist. superstructure & pier caps. Traffic to be maintained utilizing median cross overs. Stage I two-way traffic to be placed over the N.B. bridge (091-0011) due to lower condition ratings for the S.B. bridge (091-0012).

INDEX OF SHEETS

SHEET NO.	TITLE
1.	General Plan
2.	General Data
3.	Deck Elevations - 1
4.	Deck Elevations - 2
5.	Deck Elevations - 3
6.	Approach Slab Elevations - 1
7.	Approach Slab Elevations - 2
8.	Superstructure (S.N. 091-0011)
9.	Superstructure Details - 1 (S.N. 091-0011)
10.	Superstructure Details - 2 (S.N. 091-0011)
11.	Superstructure (S.N. 091-0012)
12.	Superstructure Details - 1 (S.N. 091-0012)
13.	Superstructure Details - 2 (S.N. 091-0012)
14.	(Intentionally left blank)
15.	Preformed Joint Strip Seal (Intentionally left blank)
16.	Bridge Approach Slab Details 1
17.	Bridge Approach Slab Details 2
18.	Framing Plan and Details (SN 091-0011)
19.	Framing Details (SN 091-0011)
20.	Framing Plan and Details (SN 091-0012)
21.	Framing Details (SN 091-0012)
22.	Bearing Details (SN 091-0011)
23.	Bearing Details (SN 091-0012)
24.	Abutment Removal Details (SN 091-0011)
25.	North Abutment (SN 091-0011)
26.	South Abutment (SN 091-0011)
27.	Abutment Removal Details (SN 091-0012)
28.	North Abutment (SN 091-0012)
29.	South Abutment (SN 091-0012)
30.	Abutment Details (SN 091-0011 & 0012)
31.	Pier Details 1 (SN 091-0011)
32.	Pier Details 2 (SN 091-0011)
33.	Pier Details 1 (SN 091-0012)
34.	Pier Details 2 (SN 091-0012)
35.	Bar Splicer Details
36.	



ELEVATION



PLAN

LOADING HL-93
Allow 50 psf for future wearing surface

DESIGN SPECIFICATIONS

EXIST. CONSTRUCTION
AASHTO Standard Specifications for Highway Construction
1995 FHWA Seismic Retrofit Manual (500 Year)

NEW CONSTRUCTION
2014 AASHTO LRFD 7th Edition, Bridge Design Specifications w/2015 Interims

ADDITIONAL DESIGN CRITERION

$\Delta < 1/800$ (S.N. 091-0011 only)

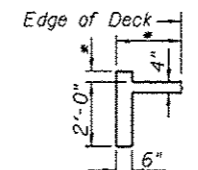
DESIGN STRESSES

FIELD UNITS (EXIST. CONSTRUCTION)
f'c = 3,500 psi
fy = 40,000 psi (Reinforcement)

FIELD UNITS (NEW CONSTRUCTION)
f'c = 3,500 psi (Cast-in-place)
f'c = 4,000 psi (Superstructure Concrete)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

SEISMIC DATA

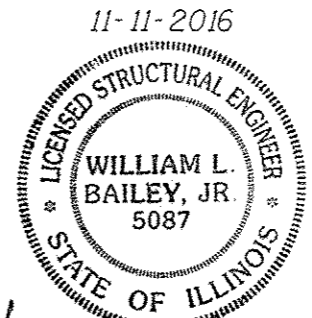
Seismic Performance Category = C
Horizontal Bedrock Acceleration Coefficient = 0.15g
Site Coefficient = 1.5



SECTION A-A
Match to Existing

APPROVED
For Structural Adequacy Only

William L. Bailey, Jr.
Engineer of Bridges & Structures



W. L. Bailey, Jr.
Exp. 11-30-2018

GENERAL PLAN
F.A.I. ROUTE 57
OVER ILLINOIS ROUTE 146
F.A.I. RTE. 57-SECTION (91-3HB)BR-1
UNION COUNTY
STATION 2708+68.56
STRUCTURE NO. 091-0011 (NB) & 0012 (SB)

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USER NAME	DESIGNED - CJW	REVISED -
PLOT SCALE	CHECKED - WLB	REVISED -
PLOT DATE	DRAWN - GLD	REVISED -
	CHECKED - CJW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

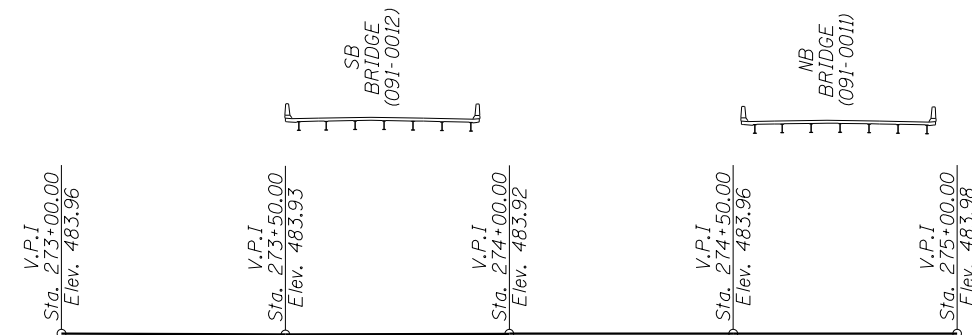
GENERAL PLAN
STRUCTURE NO. 091-0011 (NB) & 0012 (SB)
SHEET NO. 1 OF 36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	90

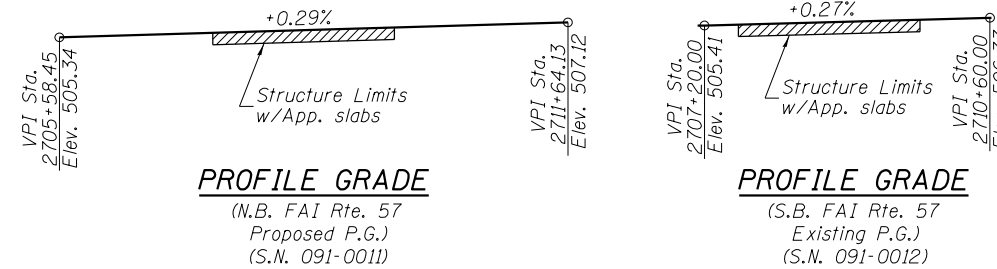
CONTRACT NO. 78349
ILLINOIS FED. AID PROJECT

GENERAL NOTES

- Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8"φ, open holes 15/16"φ, unless otherwise noted.
- Calculated weight of Structural Steel = 142,710 lbs. (SN 091-0011), 95,700 lbs. (SN 091-0012) (AASHTO M270 Grade 50).
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Concrete Sealer shall be applied to the designated areas of the piers and abutment back walls.
- The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8.
- Slipforming of the parapets is not allowed.
- For the S.B. bridge (SN 091-0012) the finishing machine rails shall be placed on the top of the top flange of the exterior beams within the deck pour. Beam blocks shall be placed between beams at all tie locations in each bay for the full width of the deck pour.



PROFILE GRADE
(Along IL Rte. 146
Existing P.G. as Surveyed)
(Looking North)



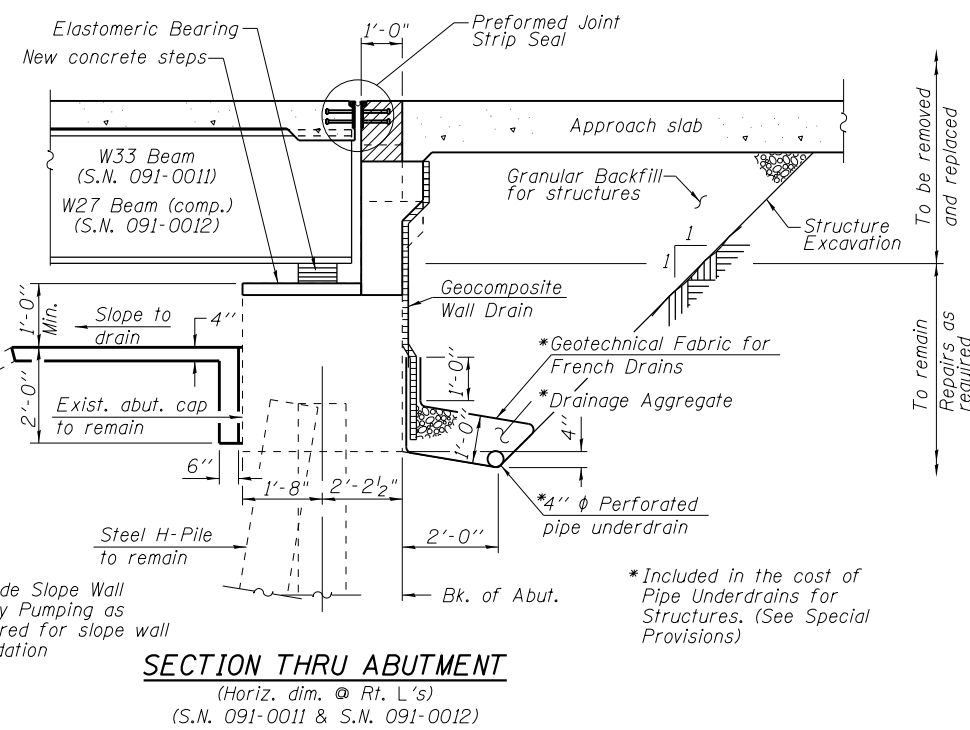
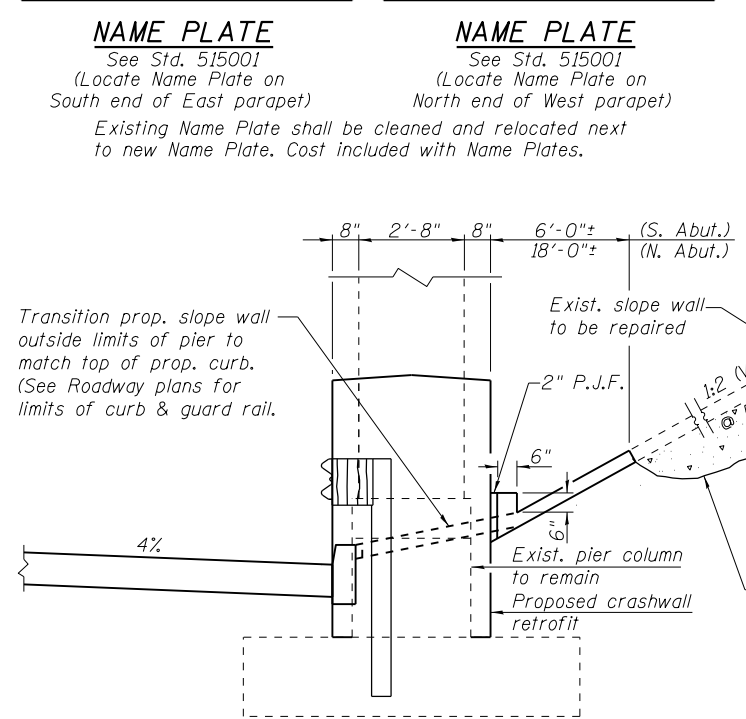
STATION 2708+68.56
REBUILT 201_ BY
STATE OF ILLINOIS
F.A.I. RT 57 SEC. (91-3HB)BR-1
LOADING HL-93
STR. NO. 091-0011 (N.B.)

STATION 2708+68.56
REBUILT 201_ BY
STATE OF ILLINOIS
F.A.I. RT 57 SEC. (91-3HB)BR-1
LOADING HL-93
STR. NO. 091-0012 (S.B.)

NAME PLATE
See Std. 515001
(Locate Name Plate on
South end of East parapet)

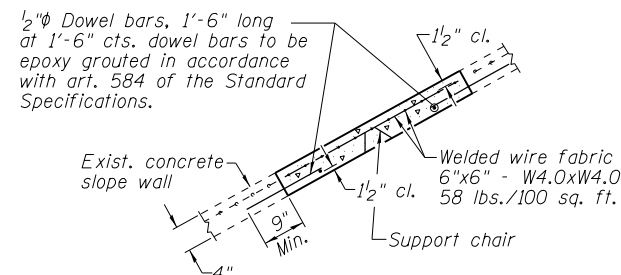
NAME PLATE
See Std. 515001
(Locate Name Plate on
North end of West parapet)

Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.



SECTION THRU ABUTMENT
(Horiz. dim. @ Rt. L's)
(S.N. 091-0011 & S.N. 091-0012)

Note: Slope wall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.



SLOPE WALL REPAIR DETAIL

TOTAL BILL OF MATERIAL

ITEM	UNIT	S.N. 091-0011 (NB)			S.N. 091-0012 (SB)		
		SUPER	SUB	TOTAL	SUPER	SUB	TOTAL
Removal of Existing Superstructures	Each	1		1	1		1
Concrete Removal	Cu. Yd.		61.2	61.2		73.7	73.7
Slope Wall Removal	Sq. Yd.		300	300		300	300
Structure Excavation	Cu. Yd.		124	124		142	142
Floor Drains	Each	8		8	8		8
Concrete Structures	Cu. Yd.	27	89.5	116.5	27	90.3	117.3
Concrete Superstructure	Cu. Yd.	196.3		196.3	196		196
Bridge Deck Grooving	Sq. Yd.	845		845	845		845
Protective Coat	Sq. Yd.	1,039		1,039	1,039		1,039
Concrete Superstructure (Approach Slab)	Cu. Yd.	129.2		129.2	129.2		129.2
Furnishing and Erecting Structural Steel	L Sum	0.5		0.5	0.5		0.5
Stud Shear Connectors	Each				4,095		4,095
Reinforcement Bars, Epoxy Coated	Pound	96,430	10,520	106,950	97,840	10,420	108,260
Bar Splicers	Each		84	84		84	84
Slope Wall Repair	Sq. Yd.		300	300		300	300
Name Plates	Each	1		1	1		1
Preformed Joint Strip Seal	Foot	88		88	88		88
Elastomeric Bearing Assembly, Type I	Each	14		14	14		14
Anchor Bolts, 5/8"	Each	28		28	28		28
Anchor Bolts, 1"	Each	28		28	28		28
Concrete Sealer	Sq. Ft.		3,331	3,331		3,316	3,316
Geocomposite Wall Drain	Sq. Yd.	55		55	51		51
Slope Wall Slurry Pumping	Cu. Yd.	5		5	5		5
Granular Backfill for Structures	Cu. Yd.		90	90		80	80
Drill and Grout Bars	Each		344	344		344	344
Pipe Underdrains for Structures 4"	Foot		151	151		151	151



USER NAME =	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
PLOT SCALE =	DRAWN - GLD	REVISED -
PLOT DATE	CHECKED - CJW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

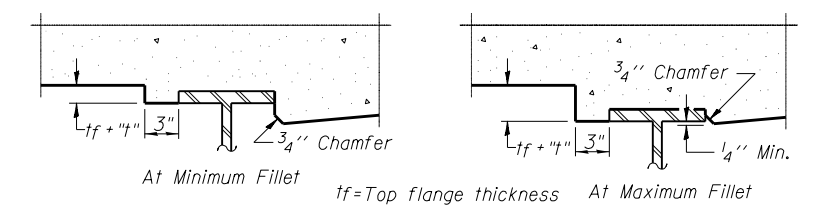
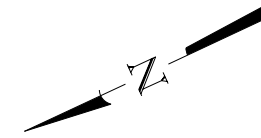
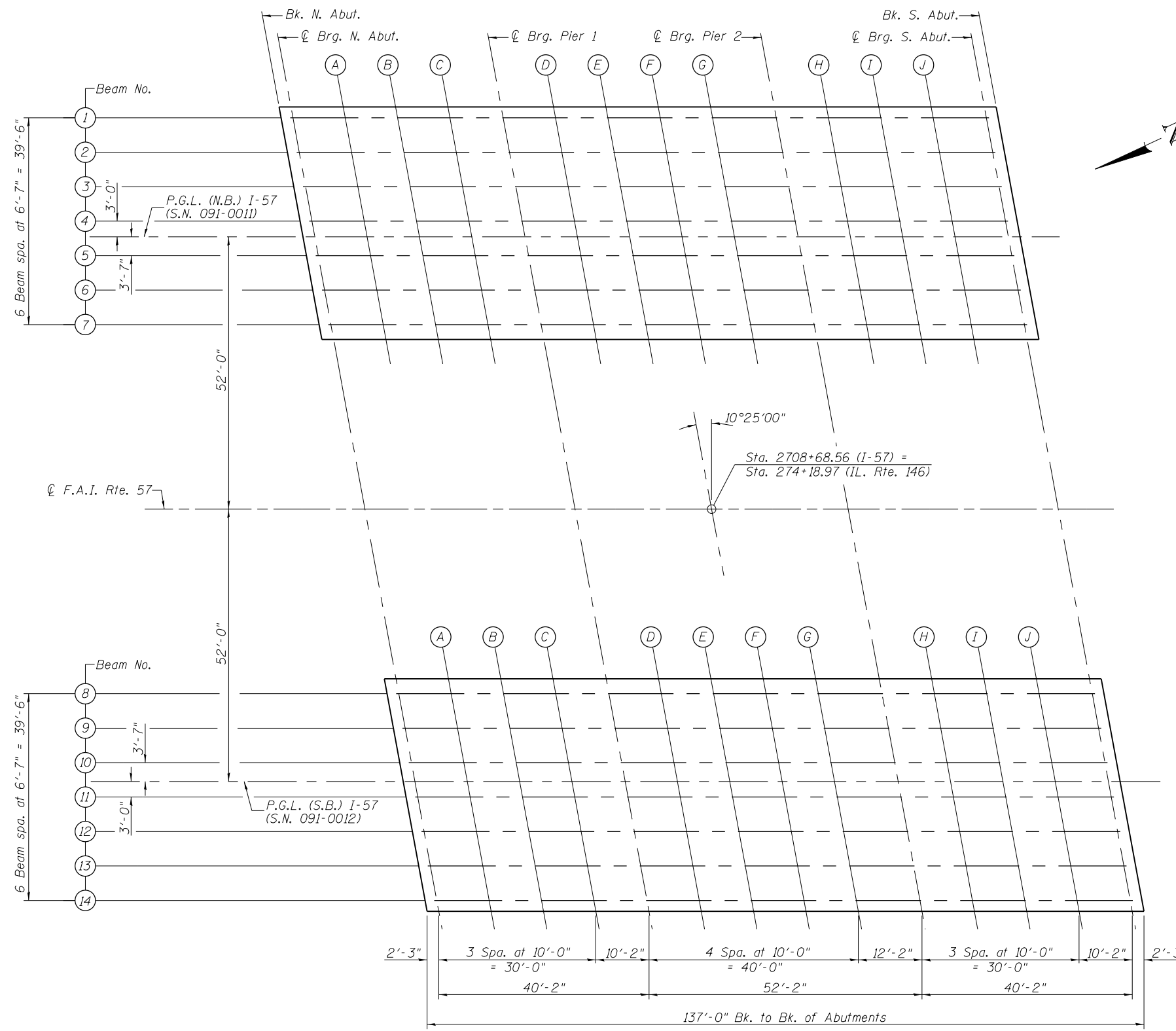
GENERAL DATA
STRUCTURE NO. 091-0011 (NB) & 0012 (SB)

SHEET NO. 2 OF 36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	91
			CONTRACT NO. 78349	

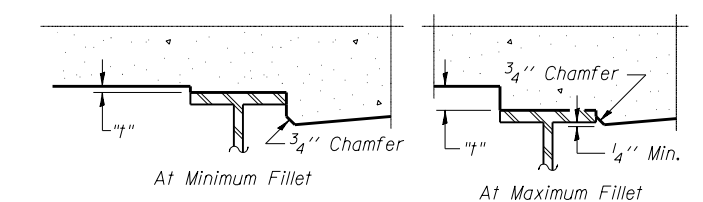
ILLINOIS FED. AID PROJECT

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To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheet 4 of 36, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS
(S.N. 091-0011)



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheet 5 of 36, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS
(S.N. 091-0012)

LAYOUT PLAN FOR DECK ELEVATIONS

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USER NAME =	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
PLOT SCALE =	DRAWN - GLD	REVISED -
PLOT DATE =	CHECKED - CJW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK ELEVATIONS 1
STRUCTURE NO. 091-0011 (NB) & 0012 (SB)

SHEET NO. 3 OF 36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	92
CONTRACT NO. 78349				

ILLINOIS FED. AID PROJECT

BEAM 1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+86.31	-22.75	505.59	505.59
☉ Brg. N. Abut.	2707+88.56	-22.75	505.60	505.60
A	2707+98.56	-22.75	505.62	505.63
B	2708+08.56	-22.75	505.65	505.66
C	2708+18.56	-22.75	505.68	505.69
☉ Pier 1	2708+28.73	-22.75	505.71	505.71
D	2708+38.73	-22.75	505.74	505.75
E	2708+48.73	-22.75	505.77	505.79
F	2708+58.73	-22.75	505.80	505.82
G	2708+68.73	-22.75	505.83	505.84
☉ Pier 2	2708+80.90	-22.75	505.86	505.86
H	2708+90.90	-22.75	505.89	505.89
I	2709+00.90	-22.75	505.92	505.93
J	2709+10.90	-22.75	505.95	505.96
☉ Brg. S. Abut.	2709+21.06	-22.75	505.98	505.98
Bk. S. Abut.	2709+23.31	-22.75	505.99	505.99

BEAM 2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+87.52	-16.17	505.73	505.73
☉ Brg. N. Abut.	2707+89.77	-16.17	505.74	505.74
A	2707+99.77	-16.17	505.77	505.78
B	2708+09.77	-16.17	505.79	505.81
C	2708+19.77	-16.17	505.82	505.83
☉ Pier 1	2708+29.94	-16.17	505.85	505.85
D	2708+39.94	-16.17	505.88	505.89
E	2708+49.94	-16.17	505.91	505.93
F	2708+59.94	-16.17	505.94	505.96
G	2708+69.94	-16.17	505.97	505.98
☉ Pier 2	2708+82.11	-16.17	506.00	506.00
H	2708+92.11	-16.17	506.03	506.04
I	2709+02.11	-16.17	506.06	506.07
J	2709+12.11	-16.17	506.09	506.10
☉ Brg. S. Abut.	2709+22.27	-16.17	506.12	506.12
Bk. S. Abut.	2709+24.52	-16.17	506.13	506.13

BEAM 3

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+88.73	-9.58	505.86	505.86
☉ Brg. N. Abut.	2707+90.98	-9.58	505.86	505.86
A	2708+00.98	-9.58	505.89	505.91
B	2708+10.98	-9.58	505.92	505.93
C	2708+20.98	-9.58	505.95	505.96
☉ Pier 1	2708+31.15	-9.58	505.98	505.98
D	2708+41.15	-9.58	506.01	506.02
E	2708+51.15	-9.58	506.04	506.06
F	2708+61.15	-9.58	506.07	506.09
G	2708+71.15	-9.58	506.10	506.11
☉ Pier 2	2708+83.32	-9.58	506.13	506.13
H	2708+93.32	-9.58	506.16	506.16
I	2709+03.32	-9.58	506.19	506.20
J	2709+13.32	-9.58	506.22	506.23
☉ Brg. S. Abut.	2709+23.48	-9.58	506.25	506.25
Bk. S. Abut.	2709+25.73	-9.58	506.26	506.26

BEAM 4

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+89.94	-3.00	505.96	505.96
☉ Brg. N. Abut.	2707+92.19	-3.00	505.97	505.97
A	2708+02.19	-3.00	506.00	506.01
B	2708+12.19	-3.00	506.03	506.04
C	2708+22.19	-3.00	506.06	506.06
☉ Pier 1	2708+32.36	-3.00	506.09	506.09
D	2708+42.36	-3.00	506.12	506.13
E	2708+52.36	-3.00	506.15	506.17
F	2708+62.36	-3.00	506.17	506.19
G	2708+72.36	-3.00	506.20	506.21
☉ Pier 2	2708+84.53	-3.00	506.24	506.24
H	2708+94.53	-3.00	506.27	506.27
I	2709+04.53	-3.00	506.30	506.31
J	2709+14.53	-3.00	506.33	506.34
☉ Brg. S. Abut.	2709+24.69	-3.00	506.36	506.36
Bk. S. Abut.	2709+26.94	-3.00	506.36	506.36

PGL (N.B.)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+90.50	0.00	506.01	506.01
☉ Brg. N. Abut.	2707+92.75	0.00	506.02	506.02
A	2708+02.75	0.00	506.05	506.06
B	2708+12.75	0.00	506.08	506.09
C	2708+22.75	0.00	506.11	506.11
☉ Pier 1	2708+32.92	0.00	506.14	506.14
D	2708+42.92	0.00	506.16	506.17
E	2708+52.92	0.00	506.19	506.22
F	2708+62.92	0.00	506.22	506.24
G	2708+72.92	0.00	506.25	506.26
☉ Pier 2	2708+85.08	0.00	506.29	506.29
H	2708+95.08	0.00	506.32	506.32
I	2709+05.08	0.00	506.35	506.36
J	2709+15.08	0.00	506.37	506.38
☉ Brg. S. Abut.	2709+25.25	0.00	506.40	506.40
Bk. S. Abut.	2709+27.50	0.00	506.41	506.41

BEAM 5

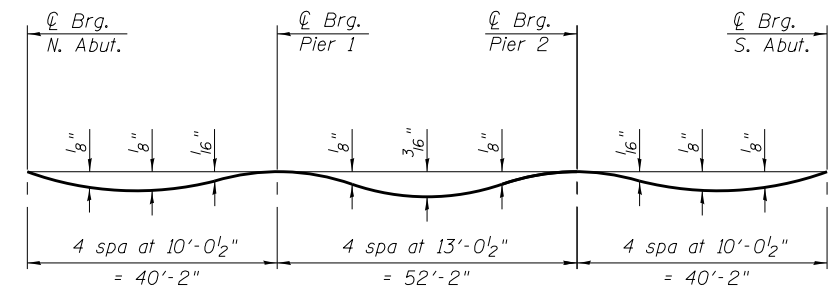
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+91.15	3.58	505.96	505.96
☉ Brg. N. Abut.	2707+93.40	3.58	505.97	505.97
A	2708+03.40	3.58	505.99	506.01
B	2708+13.40	3.58	506.02	506.03
C	2708+23.40	3.58	506.05	506.06
☉ Pier 1	2708+33.57	3.58	506.08	506.08
D	2708+43.57	3.58	506.11	506.12
E	2708+53.57	3.58	506.14	506.16
F	2708+63.57	3.58	506.17	506.19
G	2708+73.57	3.58	506.20	506.21
☉ Pier 2	2708+85.74	3.58	506.23	506.23
H	2708+95.74	3.58	506.26	506.26
I	2709+05.74	3.58	506.29	506.30
J	2709+15.74	3.58	506.32	506.33
☉ Brg. S. Abut.	2709+25.90	3.58	506.35	506.35
Bk. S. Abut.	2709+28.15	3.58	506.36	506.36

BEAM 6

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+92.36	10.17	505.86	505.86
☉ Brg. N. Abut.	2707+94.61	10.17	505.87	505.87
A	2708+04.61	10.17	505.90	505.91
B	2708+14.61	10.17	505.92	505.93
C	2708+24.61	10.17	505.95	505.96
☉ Pier 1	2708+34.78	10.17	505.98	505.98
D	2708+44.78	10.17	506.01	506.02
E	2708+54.78	10.17	506.04	506.06
F	2708+64.78	10.17	506.07	506.09
G	2708+74.78	10.17	506.10	506.11
☉ Pier 2	2708+86.95	10.17	506.13	506.13
H	2708+96.95	10.17	506.16	506.17
I	2709+06.95	10.17	506.19	506.20
J	2709+16.95	10.17	506.22	506.23
☉ Brg. S. Abut.	2709+27.11	10.17	506.25	506.25
Bk. S. Abut.	2709+29.36	10.17	506.26	506.26

BEAM 7

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2707+93.57	16.75	505.74	505.74
☉ Brg. N. Abut.	2707+95.82	16.75	505.74	505.74
A	2708+05.82	16.75	505.77	505.78
B	2708+15.82	16.75	505.80	505.81
C	2708+25.82	16.75	505.83	505.84
☉ Pier 1	2708+35.99	16.75	505.86	505.86
D	2708+45.99	16.75	505.89	505.90
E	2708+55.99	16.75	505.92	505.94
F	2708+65.99	16.75	505.95	505.96
G	2708+75.99	16.75	505.97	505.98
☉ Pier 2	2708+88.16	16.75	506.01	506.01
H	2708+98.16	16.75	506.04	506.04
I	2709+08.16	16.75	506.07	506.08
J	2709+18.16	16.75	506.10	506.10
☉ Brg. S. Abut.	2709+28.32	16.75	506.13	506.13
Bk. S. Abut.	2709+30.57	16.75	506.13	506.13



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.

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USER NAME -	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
PLOT SCALE -	DRAWN - GLD	REVISED -
PLOT DATE	CHECKED - CJW	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK ELEVATIONS 2
STRUCTURE NO. 091-0011 (NB)**

SHEET NO. 4 OF 36 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	93
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

BEAM 8

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+06.54	-16.75	505.36	505.36
☉ Brg. N. Abut.	2708+08.79	-16.75	505.36	505.36
A	2708+18.79	-16.75	505.39	505.40
B	2708+28.79	-16.75	505.42	505.43
C	2708+38.79	-16.75	505.44	505.45
☉ Pier 1	2708+48.96	-16.75	505.47	505.47
D	2708+58.96	-16.75	505.50	505.51
E	2708+68.96	-16.75	505.53	505.55
F	2708+78.96	-16.75	505.55	505.57
G	2708+88.96	-16.75	505.58	505.59
☉ Pier 2	2709+01.12	-16.75	505.61	505.61
H	2709+11.12	-16.75	505.64	505.64
I	2709+21.12	-16.75	505.67	505.68
J	2709+31.12	-16.75	505.69	505.70
☉ Brg. S. Abut.	2709+41.29	-16.75	505.72	505.72
Bk. S. Abut.	2709+43.54	-16.75	505.73	505.73

BEAM 9

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+07.75	-10.17	505.49	505.49
☉ Brg. N. Abut.	2708+10.00	-10.17	505.49	505.49
A	2708+20.00	-10.17	505.52	505.54
B	2708+30.00	-10.17	505.55	505.56
C	2708+40.00	-10.17	505.58	505.58
☉ Pier 1	2708+50.17	-10.17	505.60	505.60
D	2708+60.17	-10.17	505.63	505.64
E	2708+70.17	-10.17	505.66	505.68
F	2708+80.17	-10.17	505.68	505.71
G	2708+90.17	-10.17	505.71	505.72
☉ Pier 2	2709+02.33	-10.17	505.74	505.74
H	2709+12.33	-10.17	505.77	505.77
I	2709+22.33	-10.17	505.80	505.81
J	2709+32.33	-10.17	505.82	505.84
☉ Brg. S. Abut.	2709+42.50	-10.17	505.85	505.85
Bk. S. Abut.	2709+44.75	-10.17	505.86	505.86

BEAM 10

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+08.96	-3.58	505.59	505.59
☉ Brg. N. Abut.	2708+11.21	-3.58	505.60	505.60
A	2708+21.21	-3.58	505.63	505.64
B	2708+31.21	-3.58	505.65	505.67
C	2708+41.21	-3.58	505.68	505.69
☉ Pier 1	2708+51.38	-3.58	505.71	505.71
D	2708+61.38	-3.58	505.74	505.75
E	2708+71.38	-3.58	505.76	505.79
F	2708+81.38	-3.58	505.79	505.81
G	2708+91.38	-3.58	505.82	505.83
☉ Pier 2	2709+03.54	-3.58	505.85	505.85
H	2709+13.54	-3.58	505.88	505.88
I	2709+23.54	-3.58	505.90	505.92
J	2709+33.54	-3.58	505.93	505.94
☉ Brg. S. Abut.	2709+43.71	-3.58	505.96	505.96
Bk. S. Abut.	2709+45.96	-3.58	505.96	505.96

PGL (S.B.)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+09.62	0.00	505.65	505.65
☉ Brg. N. Abut.	2708+11.87	0.00	505.66	505.66
A	2708+21.87	0.00	505.69	505.70
B	2708+31.87	0.00	505.71	505.73
C	2708+41.87	0.00	505.74	505.75
☉ Pier 1	2708+52.04	0.00	505.77	505.77
D	2708+62.04	0.00	505.79	505.81
E	2708+72.04	0.00	505.82	505.85
F	2708+82.04	0.00	505.85	505.87
G	2708+92.04	0.00	505.87	505.89
☉ Pier 2	2709+04.21	0.00	505.91	505.91
H	2709+14.21	0.00	505.93	505.94
I	2709+24.21	0.00	505.96	505.98
J	2709+34.21	0.00	505.99	506.00
☉ Brg. S. Abut.	2709+44.37	0.00	506.02	506.02
Bk. S. Abut.	2709+46.62	0.00	506.02	506.02

BEAM 11

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+10.17	3.00	505.61	505.61
☉ Brg. N. Abut.	2708+12.42	3.00	505.61	505.61
A	2708+22.42	3.00	505.64	505.65
B	2708+32.42	3.00	505.67	505.68
C	2708+42.42	3.00	505.69	505.70
☉ Pier 1	2708+52.59	3.00	505.72	505.72
D	2708+62.59	3.00	505.75	505.76
E	2708+72.59	3.00	505.78	505.80
F	2708+82.59	3.00	505.80	505.83
G	2708+92.59	3.00	505.83	505.84
☉ Pier 2	2709+04.75	3.00	505.86	505.86
H	2709+14.75	3.00	505.89	505.89
I	2709+24.75	3.00	505.92	505.93
J	2709+34.75	3.00	505.94	505.95
☉ Brg. S. Abut.	2709+44.92	3.00	505.97	505.97
Bk. S. Abut.	2709+47.17	3.00	505.98	505.98

BEAM 12

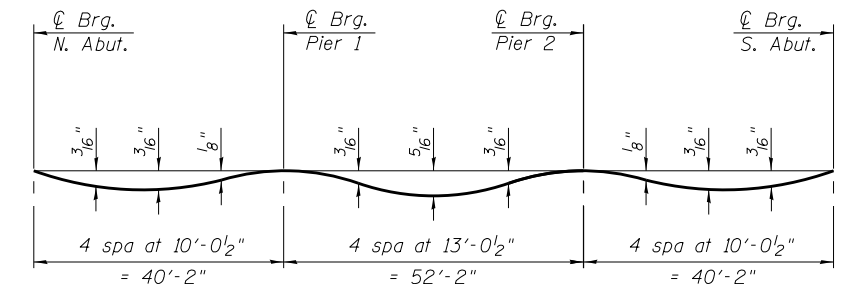
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+11.38	9.58	505.51	505.51
☉ Brg. N. Abut.	2708+13.63	9.58	505.51	505.51
A	2708+23.63	9.58	505.54	505.55
B	2708+33.63	9.58	505.57	505.58
C	2708+43.63	9.58	505.59	505.60
☉ Pier 1	2708+53.80	9.58	505.62	505.62
D	2708+63.80	9.58	505.65	505.66
E	2708+73.80	9.58	505.68	505.70
F	2708+83.80	9.58	505.70	505.73
G	2708+93.80	9.58	505.73	505.74
☉ Pier 2	2709+05.97	9.58	505.76	505.76
H	2709+15.97	9.58	505.79	505.79
I	2709+25.97	9.58	505.82	505.83
J	2709+35.97	9.58	505.84	505.85
☉ Brg. S. Abut.	2709+46.13	9.58	505.87	505.87
Bk. S. Abut.	2709+48.38	9.58	505.88	505.88

BEAM 13

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+12.59	16.17	505.39	505.39
☉ Brg. N. Abut.	2708+14.84	16.17	505.39	505.39
A	2708+24.84	16.17	505.42	505.43
B	2708+34.84	16.17	505.45	505.46
C	2708+44.84	16.17	505.47	505.48
☉ Pier 1	2708+55.01	16.17	505.50	505.50
D	2708+65.01	16.17	505.53	505.54
E	2708+75.01	16.17	505.55	505.58
F	2708+85.01	16.17	505.58	505.61
G	2708+95.01	16.17	505.61	505.62
☉ Pier 2	2709+07.18	16.17	505.64	505.64
H	2709+17.18	16.17	505.67	505.67
I	2709+27.18	16.17	505.70	505.71
J	2709+37.18	16.17	505.72	505.73
☉ Brg. S. Abut.	2709+47.34	16.17	505.75	505.75
Bk. S. Abut.	2709+49.59	16.17	505.76	505.76

BEAM 14

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	2708+13.80	22.75	505.25	505.25
☉ Brg. N. Abut.	2708+16.05	22.75	505.26	505.26
A	2708+26.05	22.75	505.28	505.29
B	2708+36.05	22.75	505.31	505.32
C	2708+46.05	22.75	505.34	505.35
☉ Pier 1	2708+56.22	22.75	505.37	505.37
D	2708+66.22	22.75	505.39	505.40
E	2708+76.22	22.75	505.42	505.44
F	2708+86.22	22.75	505.45	505.47
G	2708+96.22	22.75	505.47	505.49
☉ Pier 2	2709+08.39	22.75	505.51	505.51
H	2709+18.39	22.75	505.53	505.54
I	2709+28.39	22.75	505.56	505.57
J	2709+38.39	22.75	505.59	505.60
☉ Brg. S. Abut.	2709+48.55	22.75	505.62	505.62
Bk. S. Abut.	2709+50.80	22.75	505.62	505.62



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.

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USER NAME -	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
PLOT SCALE -	DRAWN - GLD	REVISED -
PLOT DATE	CHECKED - CJW	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK ELEVATIONS 3
STRUCTURE NO. 091-0012 (SB)**

SHEET NO. 5 OF 36 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	94
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

EAST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+56.23	-23.25	505.49
A1	2707+66.23	-23.25	505.52
A2	2707+76.23	-23.25	505.55
S. End of N. Appr.	2707+86.23	-23.25	505.58

EAST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+58.29	-12.00	505.73
A1	2707+68.29	-12.00	505.76
A2	2707+78.29	-12.00	505.79
S. End of N. Appr.	2707+88.29	-12.00	505.82

☉ ROADWAY & P.G.L.

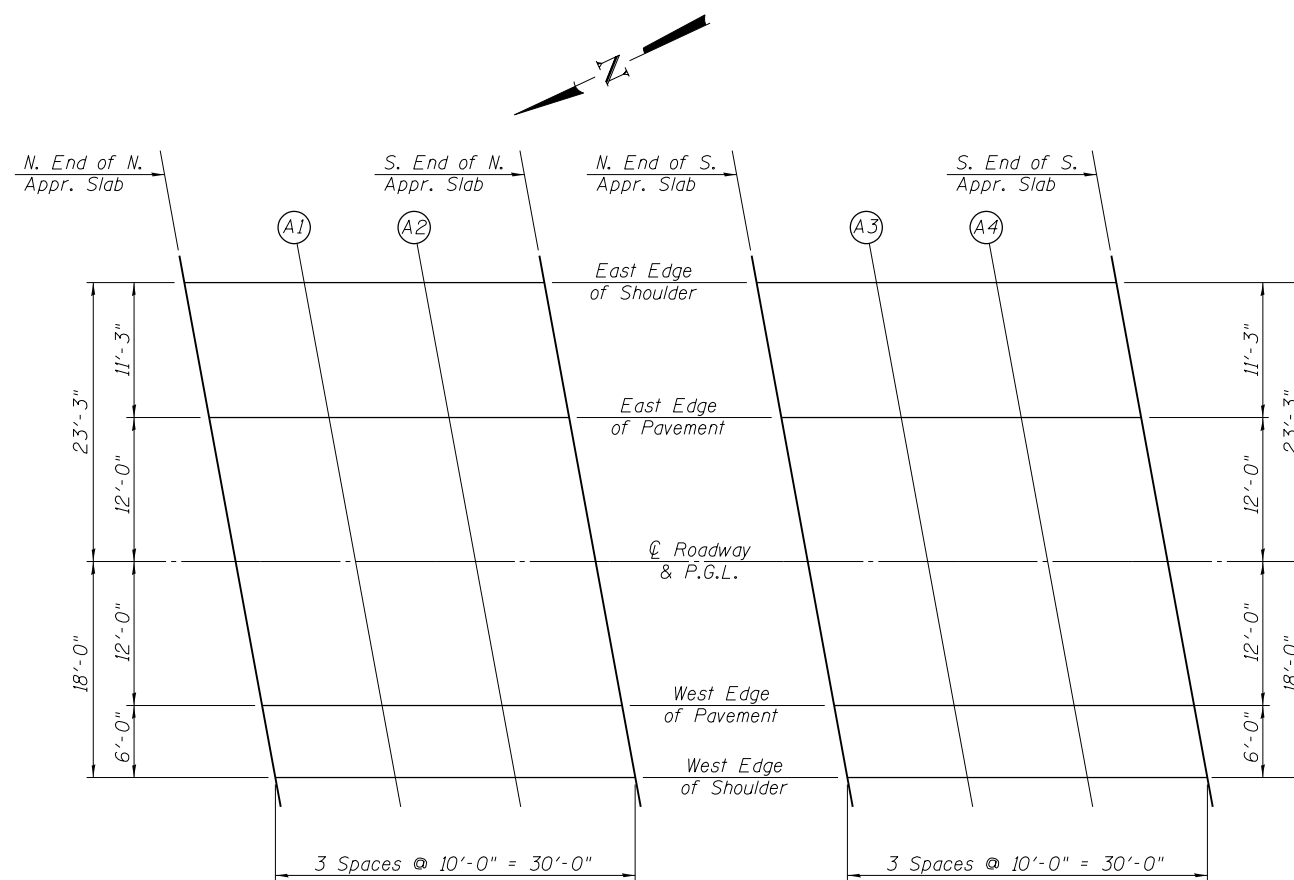
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+60.50	0.00	505.93
A1	2707+70.50	0.00	505.95
A2	2707+80.50	0.00	505.98
S. End of N. Appr.	2707+90.50	0.00	506.01

WEST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+62.71	12.00	505.74
A1	2707+72.71	12.00	505.77
A2	2707+82.71	12.00	505.80
S. End of N. Appr.	2707+92.71	12.00	505.83

WEST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+63.81	18.00	505.62
A1	2707+73.81	18.00	505.65
A2	2707+83.81	18.00	505.68
S. End of N. Appr.	2707+93.81	18.00	505.71



NORTH APPROACH SLAB

SOUTH APPROACH SLAB

PLAN
(S.N. 091-0011)

EAST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+23.23	-23.25	505.98
A3	2709+33.23	-23.25	506.00
A4	2709+43.23	-23.25	506.03
S. End of S. Appr.	2709+53.23	-23.25	506.06

EAST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+25.29	-12.00	506.22
A3	2709+35.29	-12.00	506.25
A4	2709+45.29	-12.00	506.27
S. End of S. Appr.	2709+55.29	-12.00	506.30

☉ ROADWAY & P.G.L.

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+27.50	0.00	506.41
A3	2709+37.50	0.00	506.44
A4	2709+47.50	0.00	506.47
S. End of S. Appr.	2709+57.50	0.00	506.50

WEST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+29.71	12.00	506.23
A3	2709+39.71	12.00	506.26
A4	2709+49.71	12.00	506.29
S. End of S. Appr.	2709+59.71	12.00	506.32

WEST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+30.81	18.00	506.11
A3	2709+40.81	18.00	506.14
A4	2709+50.81	18.00	506.17
S. End of S. Appr.	2709+60.81	18.00	506.19

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USER NAME =	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
PLOT SCALE =	DRAWN - GLD	REVISED -
PLOT DATE =	CHECKED - CJW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROACH SLAB ELEVATIONS 1
STRUCTURE NO. 091-0011 (NB)

SHEET NO. 6 OF 36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	95
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

EAST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+76.32	-18.00	505.25
B1	2707+86.32	-18.00	505.28
B2	2707+96.32	-18.00	505.30
S. End of N. Appr.	2708+06.32	-18.00	505.33

EAST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+77.42	-12.00	505.38
B1	2707+87.42	-12.00	505.40
B2	2707+97.42	-12.00	505.43
S. End of N. Appr.	2708+07.42	-12.00	505.46

☉ ROADWAY & P.G.L.

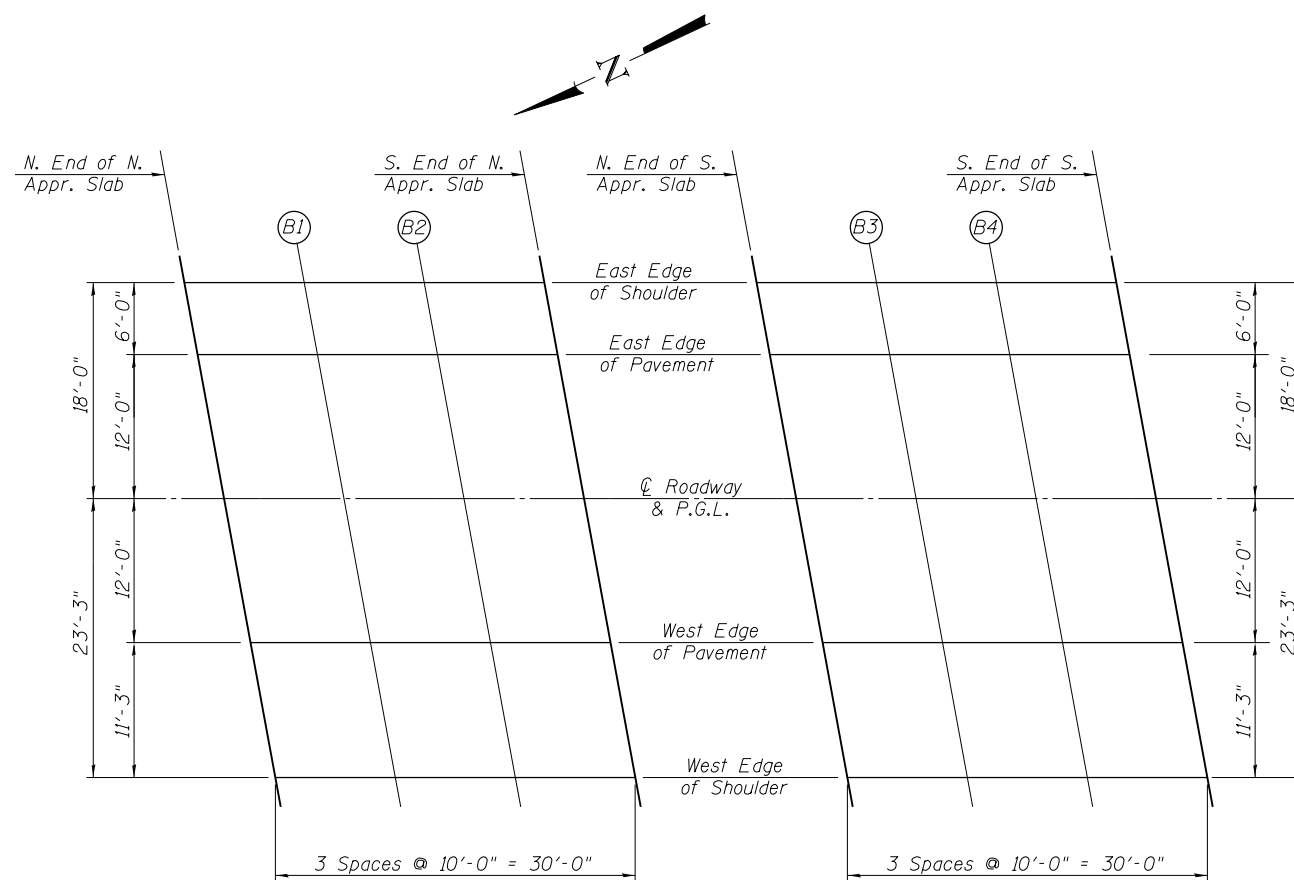
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+79.62	0.00	505.57
B1	2707+89.62	0.00	505.60
B2	2707+99.62	0.00	505.62
S. End of N. Appr.	2708+09.62	0.00	505.65

WEST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+81.83	12.00	505.39
B1	2707+91.83	12.00	505.42
B2	2708+01.83	12.00	505.44
S. End of N. Appr.	2708+11.83	12.00	505.47

WEST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of N. Appr.	2707+83.90	23.25	505.16
B1	2707+93.90	23.25	505.19
B2	2708+03.90	23.25	505.21
S. End of N. Appr.	2708+13.90	23.25	505.24



NORTH APPROACH SLAB

SOUTH APPROACH SLAB

PLAN
(S.N. 091-0012)

EAST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+43.31	-18.00	505.70
B3	2709+53.31	-18.00	505.73
B4	2709+63.31	-18.00	505.75
S. End of S. Appr.	2709+73.31	-18.00	505.78

EAST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+44.41	-12.00	505.83
B3	2709+54.41	-12.00	505.86
B4	2709+64.41	-12.00	505.88
S. End of S. Appr.	2709+74.41	-12.00	505.91

☉ ROADWAY & P.G.L.

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+46.62	0.00	506.02
B3	2709+56.62	0.00	506.05
B4	2709+66.62	0.00	506.08
S. End of S. Appr.	2709+76.62	0.00	506.10

WEST EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+48.82	12.00	505.84
B3	2709+58.82	12.00	505.87
B4	2709+68.82	12.00	505.89
S. End of S. Appr.	2709+78.82	12.00	505.92

WEST EDGE OF SHOULDER

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
N. End of S. Appr.	2709+50.89	23.25	505.61
B3	2709+60.89	23.25	505.64
B4	2709+70.89	23.25	505.67
S. End of S. Appr.	2709+80.89	23.25	505.69

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USER NAME =	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
PLOT SCALE =	DRAWN - GLD	REVISED -
PLOT DATE =	CHECKED - CJW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROACH SLAB ELEVATIONS 2
STRUCTURE NO. 091-0012 (SB)

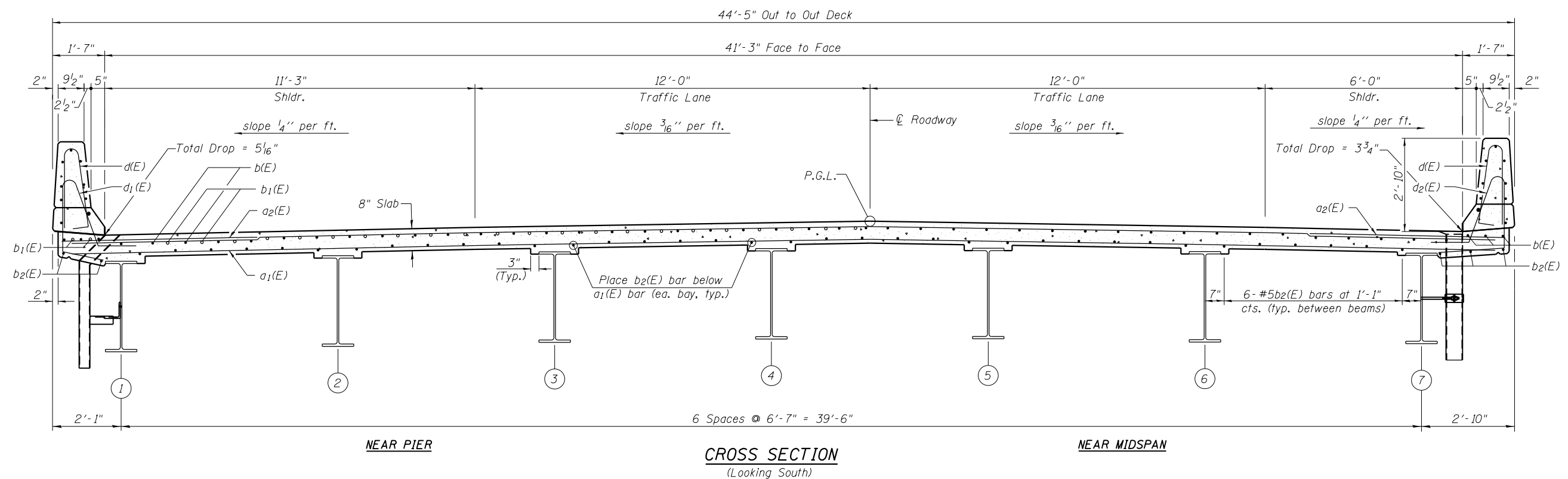
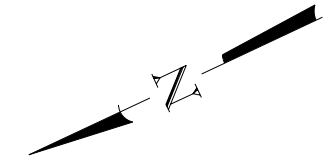
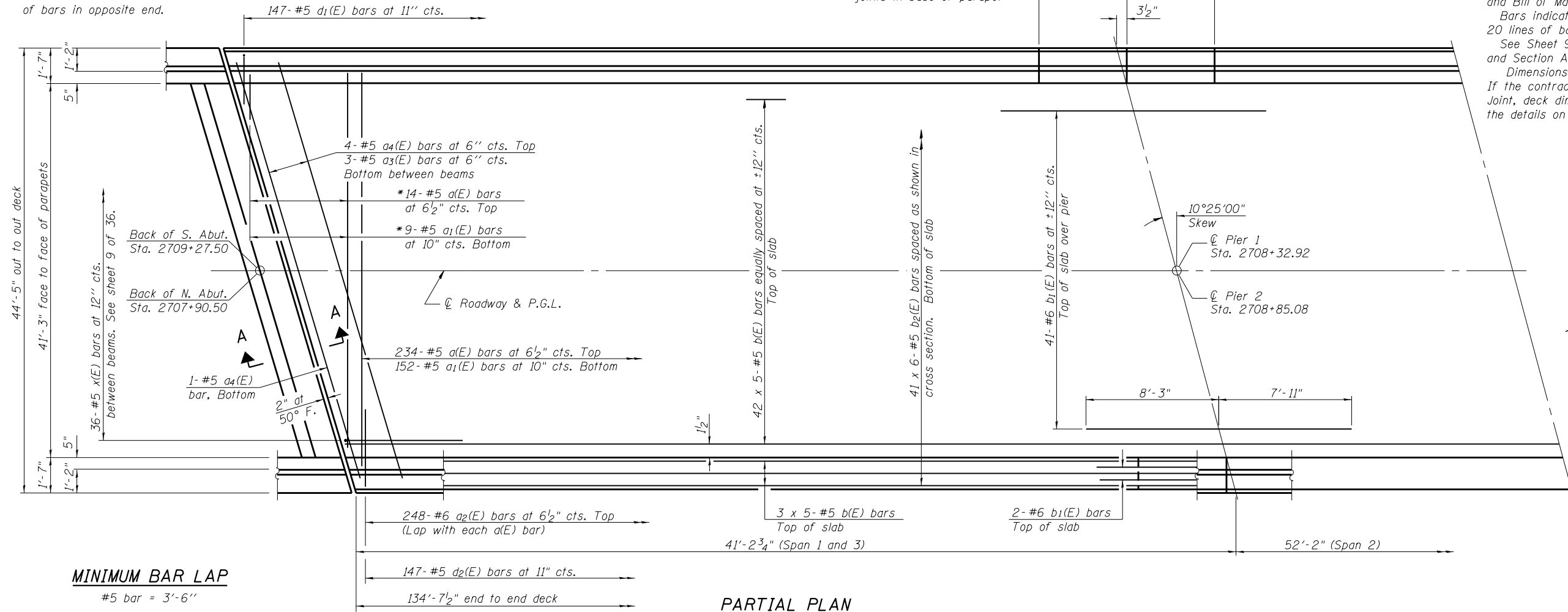
SHEET NO. 7 OF 36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	96
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

* Order a(E) & a₁(E) bars full length.
Cut to fit skew and use remainder
of bars in opposite end.

Aluminum sheeted construction
joints in base of parapet

Notes:
See Sheet 9 & 10 of 36 for superstructure details
and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates
20 lines of bars with 3 lengths per line.
See Sheet 9 of 36 for parapet reinforcement
and Section A-A.
Dimensions are based on a Rolled Rail Strip Seal Joint.
If the contractor elects to use the Welded Rail Strip Seal
Joint, deck dimensions may require adjustments to satisfy
the details on Sheet 15 of 36.



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USER NAME =	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
PLOT SCALE =	DRAWN - GLD	REVISED -
PLOT DATE =	CHECKED - CJW	REVISED -

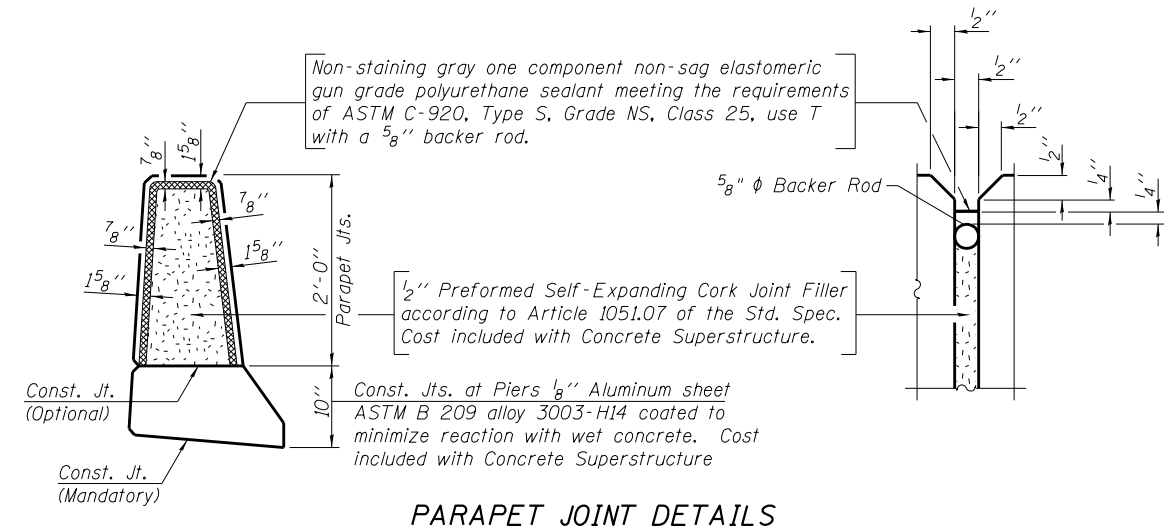
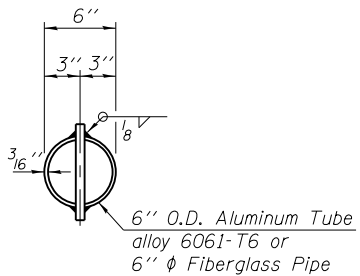
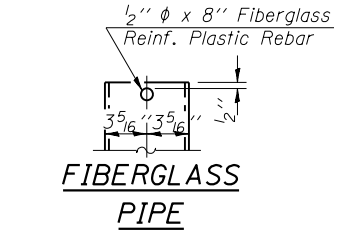
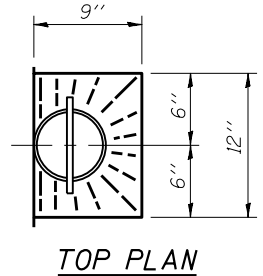
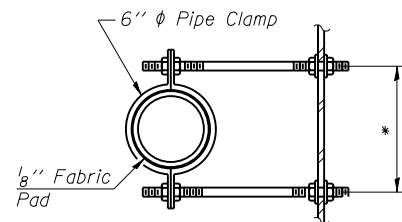
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STRUCTURE NO. 091-0011 (NB)

SHEET NO. 8 OF 36 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	97
CONTRACT NO. 78349				

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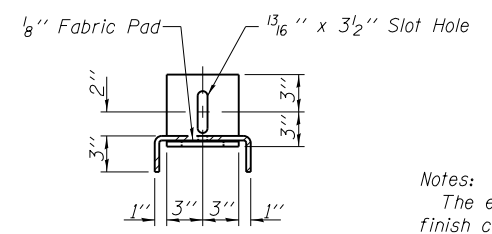
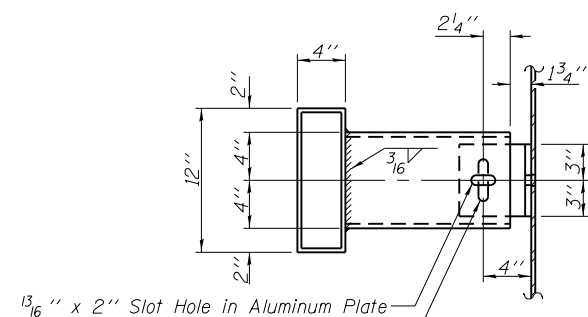
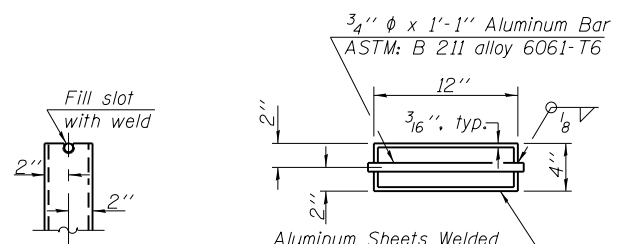


Notes:

Drains shall be located clear of all diaphragms.
 The exterior surfaces of the floor drains shall be painted according to Article 506 with the finish coat as specified. The exterior surfaces of the drains shall be cleaned according to Society of Protective Coatings Spec. SSPC-SP1 prior to painting.
 Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.
 Galvanize clamping device according to AASHTO M232. Cost of clamping device and inserts is included with Floor Drains.

FLOOR DRAIN DETAILS

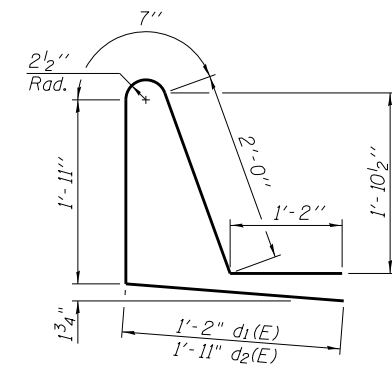
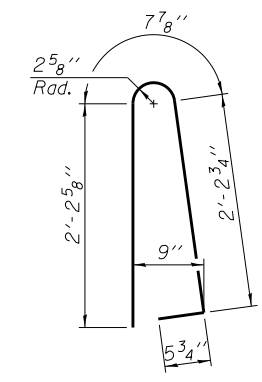
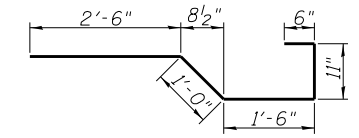
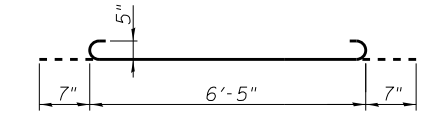
(West Shoulder)



FLOOR DRAIN DETAILS

(East Shoulder)

Notes:
 The exterior surfaces of the floor drains shall be painted with the finish coat as specified in Article 506 of the Standard Specifications. The exterior surfaces of the drain shall be cleaned and given a washcoat pretreatment in accordance with Society of Protective Coatings Spec. SSPC-SP1 & SSPC Paint 27 prior to painting.



SUPERSTRUCTURE
BILL OF MATERIAL 091-0011 (NB)

Bar	No.	Size	Length	Shape
a(E)	248	#5	43'-9"	—
a1(E)	161	#5	43'-4"	—
a2(E)	496	#6	6'-6"	—
a3(E)	36	#5	7'-7"	U
a4(E)	10	#5	44'-5"	—
b(E)	240	#5	29'-9"	—
b1(E)	90	#6	16'-2"	—
b2(E)	246	#5	25'-6"	—
d(E)	294	#5	5'-7"	—
d1(E)	147	#5	6'-10"	—
d2(E)	147	#5	7'-7"	—
e(E)	56	#4	17'-1"	—
e1(E)	28	#4	19'-4"	—
e2(E)	64	#4	6'-1"	—
e3(E)	4	#4	34'-7"	—
e4(E)	2	#4	39'-0"	—
e5(E)	4	#8	34'-7"	—
e6(E)	8	#8	6'-1"	—
e7(E)	2	#8	39'-0"	—
x(E)	72	#5	6'-5"	—

Material	Unit	Quantity
Reinforcement Bars, Epoxy Coated	Pound	46,880
Concrete Superstructure	Cu. Yd.	189.1
Protective Coat	Sq. Yd.	730
Bridge Deck Grooving	Sq. Yd.	586

Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.



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	CHECKED - CJW	REVISED -

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SUPERSTRUCTURE DETAILS - 2
 STRUCTURE NO. 091-0011 (NB)

SHEET NO. 10 OF 36 SHEETS

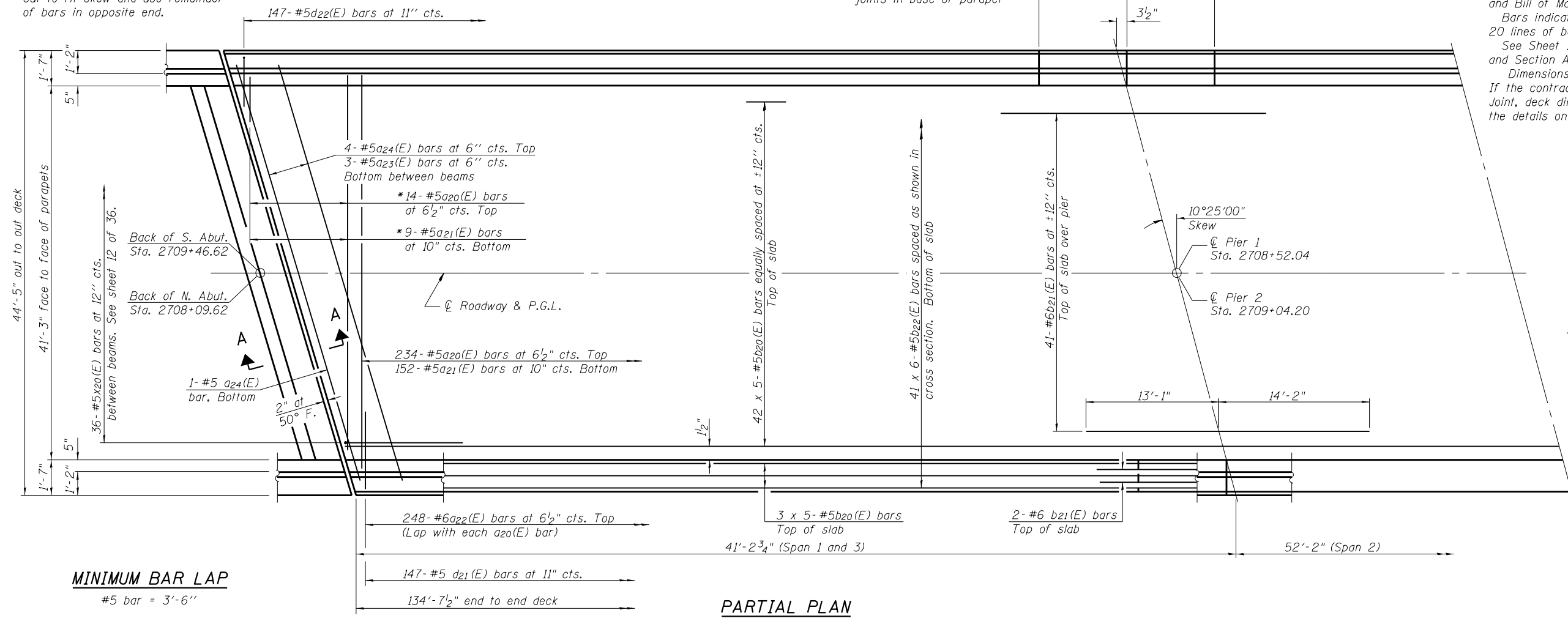
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	99
CONTRACT NO. 78349				
ILLINOIS FED. AID PROJECT				

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* Order $a_{20}(E)$ & $a_{21}(E)$ bars full length.
Cut to fit skew and use remainder
of bars in opposite end.

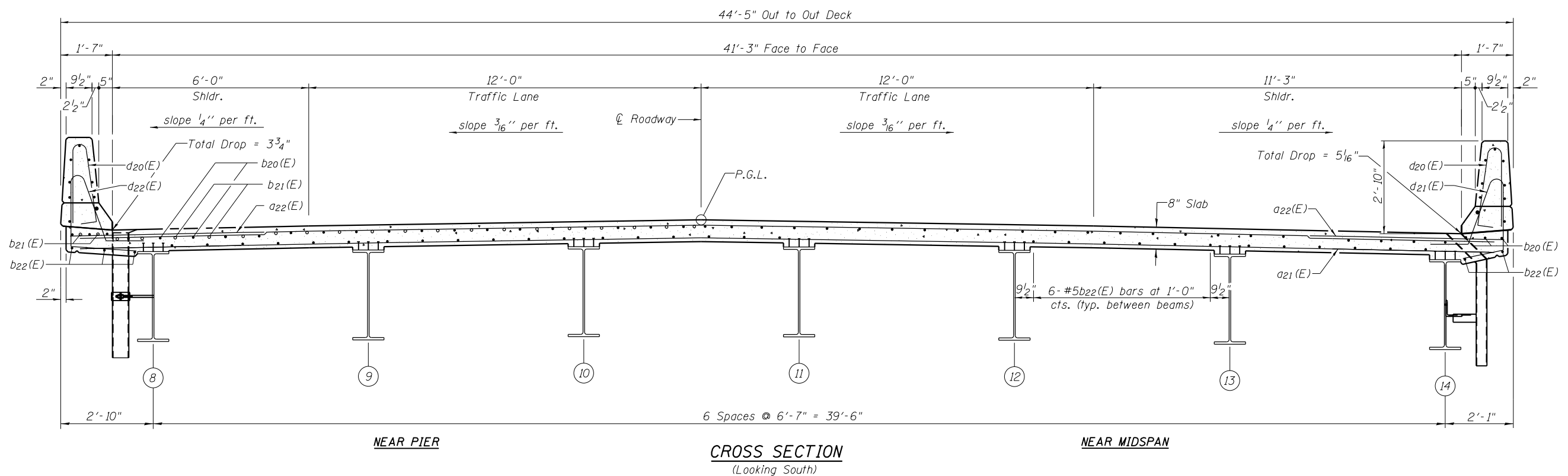
Aluminum sheeted construction
joints in base of parapet

Notes:
See Sheet 12 & 13 of 36 for superstructure details
and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates
20 lines of bars with 3 lengths per line.
See Sheet 12 of 36 for parapet reinforcement
and Section A-A.
Dimensions are based on a Rolled Rail Strip Seal Joint.
If the contractor elects to use the Welded Rail Strip Seal
Joint, deck dimensions may require adjustments to satisfy
the details on Sheet 15 of 36.



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

PARTIAL PLAN



CROSS SECTION
(Looking South)



USER NAME =	DESIGNED - CJW	REVISED -
	CHECKED - WLB	REVISED -
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PLOT DATE	CHECKED - CJW	REVISED -

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DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STRUCTURE NO. 091-0012 (SB)

SHEET NO. 11 OF 36 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(91-3HB)BR-1	UNION	150	100
CONTRACT NO. 78349				

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