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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 57 (I-57)
SECTION (46-2,46-3)RS-3 & I
PROJECT NHPP-Z78N(062)
3R RESURFACING, PATCHING, AND
BRIDGE REPAIRS
KANKAKEE COUNTY

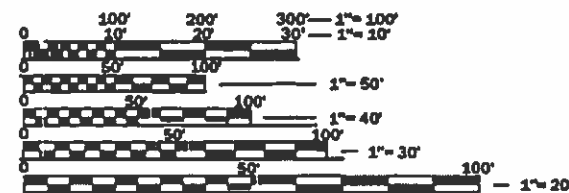
C-93-084-15

BEGIN IMPROVEMENT
STA. 276 + 69

SN 046-2544
STA. 241 + 60

STATION EQUATION
STA. 201 + 96.53 BK =
STA. 107 + 65.25 AH

END IMPROVEMENT
STA. 240 + 00



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

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

PROJECT ENGINEER: BRAD DUNCAN, P.E.
UNIT CHIEF: DARCY CARPENTER
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66E67

GROSS LENGTH = 21,007.22 FT. = 3.979 MILES
NET LENGTH = 20,292.67 FT. = 3.843 MILES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS-3 & I	KANKAKEE	76	1
ILLINOIS			CONTRACT NO. 66E67	

P-93-032-04
D-93-045-15



LOCATION OF SECTION INDICATED THUS: -

FUNCTIONAL CLASSIFICATION: INTERSTATE

ADT 2017	30,800
P.V.	80.2%
S.U.	3.2%
M.U.	16.6%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED

02/01 2019

REGIONAL ENGINEER

March 22 2019

E.A. Etk

ENGINEER OF DESIGN AND ENVIRONMENT

March 22 2019

Paul P. Chif

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE THICKNESS OF HMA 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 HMA IS PLACED.

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

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

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ALL EXCAVATED MATERIAL FROM THE MOW STRIP WILL BE INCORPORATED IN THE SOUTHEAST QUADRANT OF THE I-57 AND IL 17 INTERCHANGE.

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

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

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

ADDITIONAL LEVELING BINDER, AT THE RATE GIVEN ON THE TYPICAL SECTIONS, HAS BEEN ADDED TO THE QUANTITIES TO CORRECT TO A 3/16" / FT. (1.5%) CROWN ON SECTIONS OF EXISTING ROADWAYS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

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

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

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442101-09	CLASS B PATCHES
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
637006-04	CONCRETE BARRIER, DOUBLE FACE, 42 in. (1065mm) HEIGHT
638101-02	CONCRETE GLARE SCREEN
667101-02	PERMANENT SURVEY MARKERS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
701426-09	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701502-09	URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: Tom Benoit
DISTRICT STUDIES & PLANS ENGINEER

DATE: 2-1-19

EXAMINED BY: KCS
DISTRICT CONSTRUCTION ENGINEER
Michael A. Short
DISTRICT MATERIALS ENGINEER
Tom Benoit
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME = plm1016	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
part:IL084EBIDINTEG Illinois.gov:PWDOT Documents\DOT Office\District 3\Projects\EP03204\CADD\state\CAD sheets\0366\PLAN\Rev.dgn			REVISED -			57	(48-246-3)RS-3 & 1	KANKAKEE	76	2
PLOT SCALE = 1/30,000" / 1 in		CHECKED -	REVISED -			CONTRACT NO. 66E67				
PLOT DATE = 2/1/2019		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
Default					SCALE: _____	SHEET 1	OF 1	SHEETS	STA. _____	TO STA. _____

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				CONSTRUCTION CODE				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0004	0047	0047	0047	0047
				URBAN	S.N. 046-0006	S.N. 046-0007	S.N. 046-0012	S.N. 046-0013
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	127199	127199				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	51	51				
40600535	LEVELING BINDER (HAND METHOD), N70	TON	88	88				
40600990	TEMPORARY RAMP	SQ YD	432	432				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	9331	9331				
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	14087	14087				
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	15848	15848				
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	8322	8322				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	38047	38047				
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	125777	125777				
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	31333	31333				
44200050	WELDED WIRE REINFORCEMENT	SQ YD	53	53				
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	141	141				
44201057	CLASS B PATCHES, TYPE III, 17 INCH	SQ YD	32	32				

USER NAME = pletschtr	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	REVISED - _____					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	3
PLOT SCALE = 100.0000 ' / in.	CHECKED - _____	REVISED - _____		SCALE: _____			SHEET 1 OF 8 SHEETS			CONTRACT NO. 66E67	
PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____		STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0004	0047	0047	0047	0047
				URBAN	S.N. 046-0006	S.N. 046-0007	S.N. 046-0012	S.N. 046-0013
44201102	CLASS B PATCHES, TYPE II, 20 INCH	SQ YD	88	88				
44201104	CLASS B PATCHES, TYPE III, 20 INCH	SQ YD	21	21				
44201299	DOWEL BARS 1 1/2"	EACH	660	660				
44213200	SAW CUTS	FOOT	1504	1504				
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1561	1561				
50102400	CONCRETE REMOVAL	CU YD	41.4		16	16	4.8	4.6
50157300	PROTECTIVE SHIELD	SQ YD	600		300	300		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	41.4		15.8	16	4.9	4.7
50300300	PROTECTIVE COAT	SQ YD	175		38.5	38.5	63	35
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	6960		2760	2760	720	720
50800515	BAR SPLICERS	EACH	112		48	48	8	8
52000110	PREFORMED JOINT STRIP SEAL	FOOT	409		100	100	104.5	104.5
60260100	INLETS TO BE ADJUSTED	EACH	49	49				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2625	2625				

* SPECIALTY ITEM

	USER NAME = pletschtr	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - _____	REVISED - _____					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	4
	PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____					CONTRACT NO. 66E67				
	PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____		SCALE: _____	SHEET 2 OF 8 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT				

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				CONSTRUCTION CODE				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0004	0047	0047	0047	0047
				URBAN	S.N. 046-0006	S.N. 046-0007	S.N. 046-0012	S.N. 046-0013
*	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	800	800			
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5	5			
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	13	13			
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	11	11			
	63200310	GUARDRAIL REMOVAL	FOOT	3619	3619			
	63500105	DELINEATORS	EACH	122	122			
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	80811	80811			
*	64401100	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	12673	12673			
*	64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	14	14			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10			
	67100100	MOBILIZATION	L SUM	1	1			
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4			
	70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1			
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1			

* SPECIALTY ITEM

	USER NAME = pletschtr	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN - _____	REVISED - _____					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	5
	PLOT DATE = 2/1/2019	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET 3 OF 8 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 66E67				
		DATE - _____	REVISED - _____					ILLINOIS FED. AID PROJECT				

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CODE NO. ITEM UNIT TOTAL QUANTITY				CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0004	0047	0047	0047	0047
				URBAN	S.N. 046-0006	S.N. 046-0007	S.N. 046-0012	S.N. 046-0013
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	85	85				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13396	13396				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1434	1434				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	84	84				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	91604	91604				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	11130	11130				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	304	304				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	87	87				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2125	2125				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2625	2625				
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	4				
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	6	6				
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	11	11				
* 72501100	TERMINAL MARKER - POST MOUNTED	EACH	14	14				

* SPECIALTY ITEM

	USER NAME = pletschtr	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - _____	REVISED - _____					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	6
	PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____					CONTRACT NO. 66E67				
	PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____		SCALE: _____	SHEET 4 OF 8 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT				

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CODE NO. ITEM UNIT TOTAL QUANTITY				CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0004	0047	0047	0047	0047
				URBAN	S.N. 046-0006	S.N. 046-0007	S.N. 046-0012	S.N. 046-0013
*	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	11130	11130			
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	84	84			
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	91656	91656			
*	78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	304	304			
*	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	87	87			
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	913	913			
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	38	38			
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	913	913			
*	X0325231	CABLE GUARD MARKER	EACH	282	282			
	X0325667	WEED CONTROL MOWING STRIP (SPECIAL)	SQ YD	5944	5944			
	X0326208	ALTERNATE ROUTE SIGNING	L SUM	1	1			
	X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	20		6	6	4
	X0326880	MESSAGE BOARD VEHICLE DRIVER	HOOR	250	250			
	X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	2	2			

* SPECIALTY ITEM

USER NAME = pletschtr	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	REVISED - _____					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	7
PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____		SCALE: _____			CONTRACT NO. 66E67				
PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____		SHEET 5 OF 8 SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT				

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CODE NO. ITEM UNIT TOTAL QUANTITY				CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0004	0047	0047	0047	0047
				URBAN	S.N. 046-0006	S.N. 046-0007	S.N. 046-0012	S.N. 046-0013
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	39715	39715				
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	4	4				
X5619210	WATER VALVES TO BE ADJUSTED, SPECIAL	EACH	5	5				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	15	15				
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	4	4				
X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	L SUM	1	1				
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	120	120				
* X7830068	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS	SQ FT	84	84				
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	91656	91656				
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	11130	11130				
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	256	256				
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	87	87				
X9700001	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL WEEK	50	50				
X9700012	REAL-TIME TRAFFIC CONTROL SYSTEM	WEEK	50	50				

* SPECIALTY ITEM

USER NAME = pletschtr	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	REVISED - _____					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	8
PLOT SCALE = 100.0000 ' / in.	CHECKED - _____	REVISED - _____		SCALE: _____			CONTRACT NO. 66E67				
PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____		SHEET 6 OF 8 SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE	90% FED 10% STATE BRIDGE
				0004	0047	0047	0047	0047
				URBAN	S.N. 046-0006	S.N. 046-0007	S.N. 046-0012	S.N. 046-0013
X9700013	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	WEEK	200	200				
Z0001700	APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	8		8			
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	2		1.1		0.3	0.6
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	1273	1273				
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	626				421	205
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	13.6		5.5	5.5	2.6	
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	16		1.5	1.5	13	
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	54.2		10	10	23.3	10.9
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	40285	40285				
Z0034105	MATERIAL TRANSFER DEVICE	TON	47588	47588				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
Ø Z0076600	TRAINEES	HOUR	2000	2000				
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	5				4	1
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000				

Ø 0042

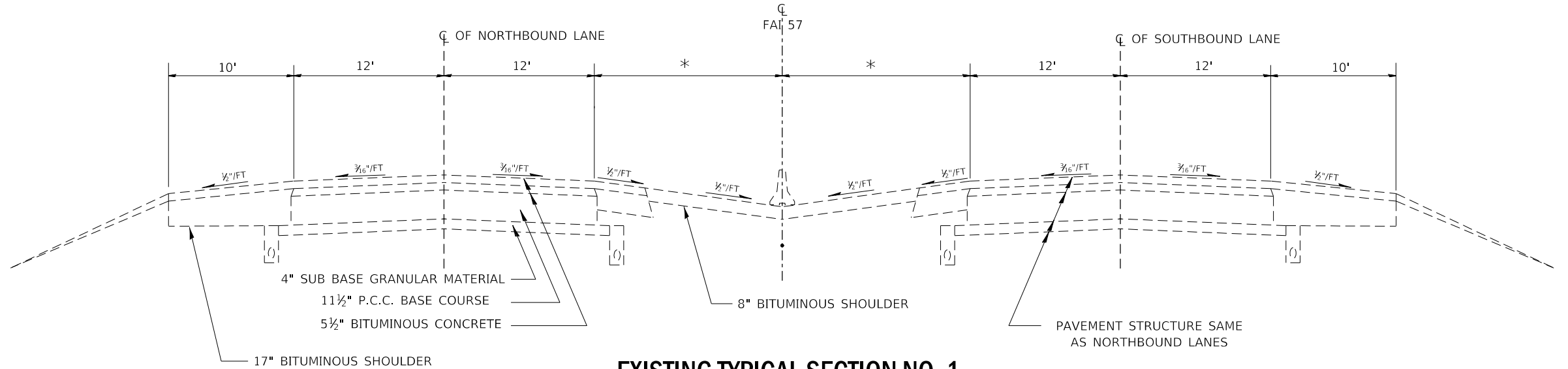
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

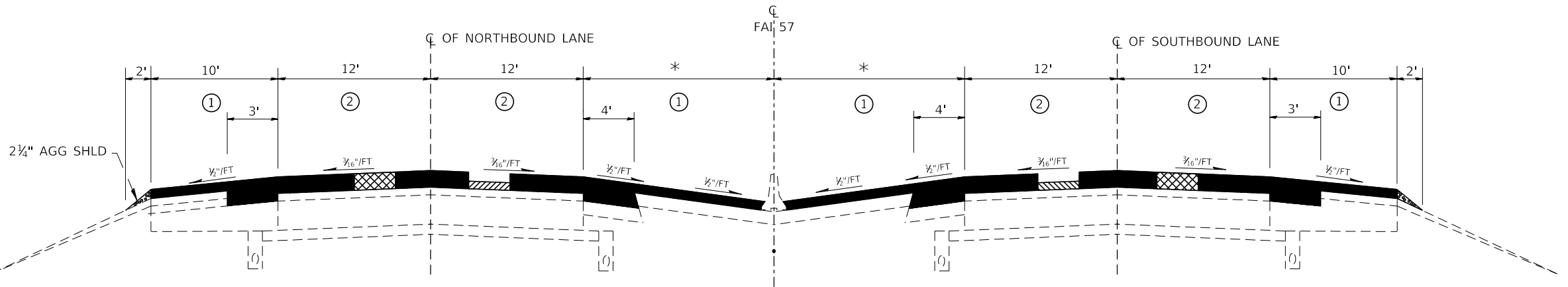
SCALE: _____ SHEET 7 OF 8 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS-3 & I	KANKAKEE	76	9
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION NO. 1
STA 276+69 TO STA 271+94

NOTE: LONGITUDINAL JOINT SEALANT WILL ONLY BE PLACED ON THE CENTERLINE UNDER THE SURFACE LIFT



PROPOSED TYPICAL SECTION NO. 1
STA 276+69 TO STA 271+94

NOTE: MATCH EXISTING SUPER ELEVATIONS

- ① MILL 6" FROM THE INNER 4' OF THE INSIDE AND THE INNER 3' OF THE OUTSIDE SHOULDER
REPLACE WITH 4" OF HMA BINDER N70 IL-19.0
AND 2" OF HMA SURFACE N70 IL-9.5 MIX C
- THEN REMOVE AND REPLACE 2" FROM ENTIRE WIDTH OF BOTH SHOULDERS AFTER FINAL SURFACE REPLACEMENT
- ② PROPOSED HMA SURFACE REMOVAL 4 1/4"
PROPOSED 2" HMA SURFACE COURSE N80 SMA IL-12.5
PROPOSED 2 1/4" HMA BINDER COURSE N90 POLY IL-19.0
- * NOTE: MATCH EXISTING SUPER ELEVATIONS

HMA MIXTURE REQUIREMENT TABLE								
MIXTURE USE(S):	HMA BINDER	SMA SURFACE	HMA SHOULDER BOTTOM LIFT	HMA SHOULDER TOP LIFT	HMA RAMP BOTTOM LIFT	SMA RAMP TOP LIFT	HMA RAMP SHOULDER BOTTOM LIFT	HMA RAMP SHOULDER TOP LIFT
BINDER GRADE (PG):	SBS PG70-28	SBS PG76-28	PG64-22	PG64-22	SBS PG70-28	SBS PG76-28	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N90	4.0% @ N80	4.0% @ N70	4.0% @ N70	4.0% @ N90	4.0% @ N80	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 12.5	IL 19.0	IL 9.5	IL 19.0	IL 12.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:		MIXTURE E		MIXTURE C		MIXTURE E		MIXTURE C
DENSITY TEST METHOD:	CORES	CORES	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR	CORES/NUCLEAR
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	PFP	PFP	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	1000	1000	N/A	N/A	N/A	N/A	N/A	N/A
LOCATION(S)	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT

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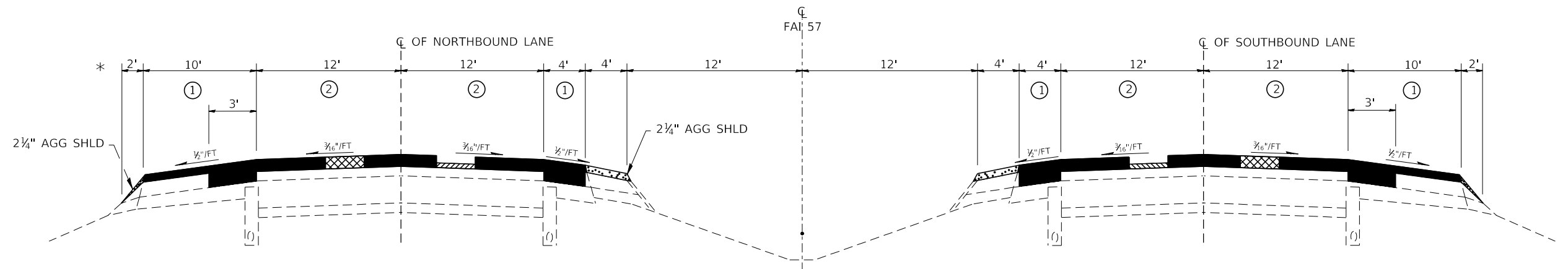
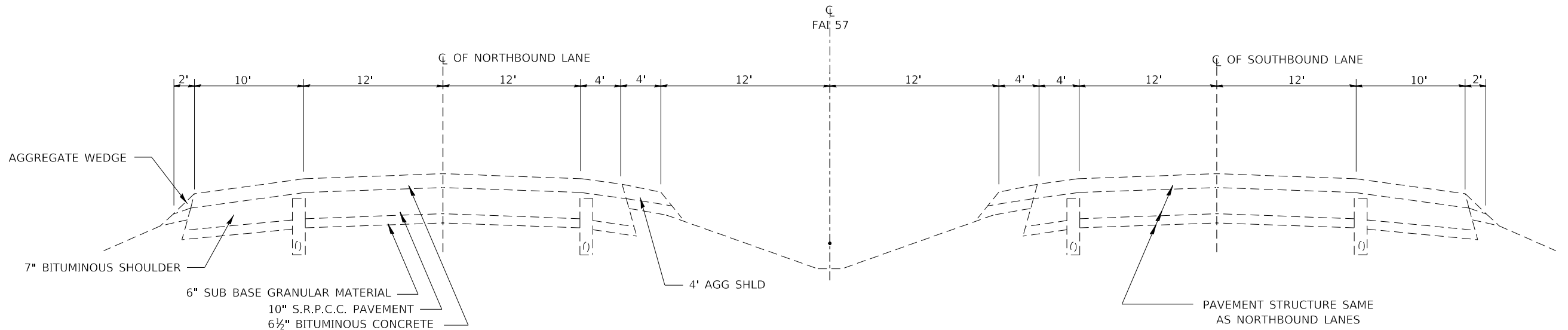
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PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: _____ SHEET 1 OF 7 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS-3 & I	KANKAKEE	76	10
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



- ① MILL 6" FROM THE INNER 4' OF THE INSIDE AND THE INNER 3' OF THE OUTSIDE SHOULDER
REPLACE WITH 4" OF HMA BINDER N70 IL-19.0
AND 2" OF HMA SURFACE N70 IL-9.5 MIX C
- THEN REMOVE AND REPLACE 2" FROM ENTIRE WIDTH OF BOTH SHOULDERS AFTER FINAL SURFACE REPLACEMENT

- ② PROPOSED HMA SURFACE REMOVAL 4 1/4"
PROPOSED 2" HMA SURFACE COURSE N80 SMA IL-12.5
PROPOSED 2 1/4" HMA BINDER COURSE N90 POLY IL-19.0

* NOTE: MATCH EXISTING SUPER ELEVATIONS

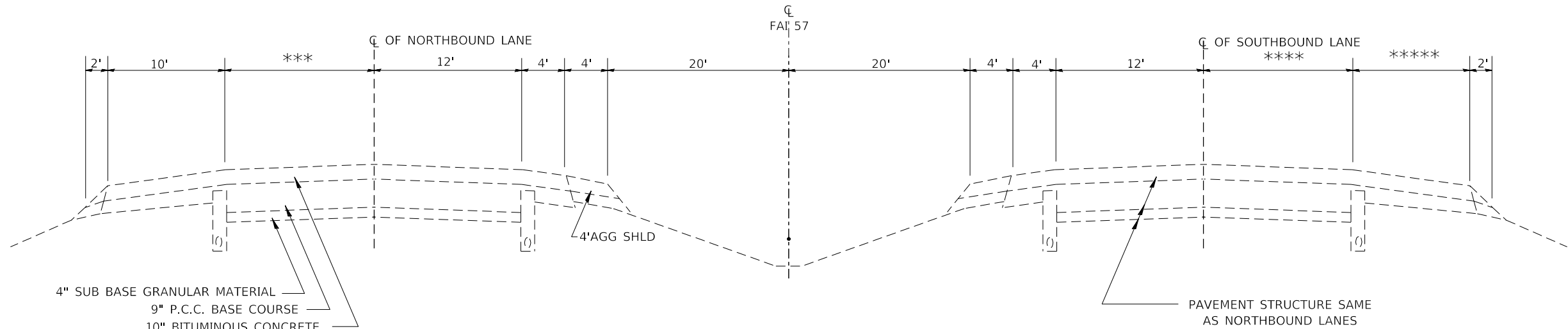
NOTE: LONGITUDINAL JOINT SEALANT WILL ONLY BE PLACED ON THE CENTERLINE UNDER THE SURFACE LIFT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS-3 & I	KANKAKEE	76	11
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

SCALE: _____ SHEET 2 OF 7 SHEETS STA. _____ TO STA. _____



EXISTING TYPICAL SECTION NO. 3

NOTE: THERE IS CURRENTLY CONCRETE CURB B-6.24 AT THE FOLLOWING AREAS. THESE AREAS WILL REQUIRE ADDITIONAL MILLING TO MATCH THE CURB.
STA. 152+00 TO STA. 145+01.86 (SB)
STA. 151+84 TO STA. 145+01.86 (NB)
STA. 142+42.19 TO STA. 139+51.04 (NB + SB)
STA. 138+30.88 TO STA. 135+30 (NB + SB)
THE OUTSIDE SHLD IS ONLY 8' INSTEAD OF 10' OUT TO THE 2' CURB

*** STA. 177+65 TO STA. 177+50 12.3' - 12'

STA. 228+35.17 TO STA. 201+96.53

STA. EQUATION: STA. 201+96.53 (BK)=
STA. 107+65.25 (AH)

STA. 107+65.25 TO STA 177+65

**** STA. 177+05 TO STA. 174+83.21 13.31' - 12'

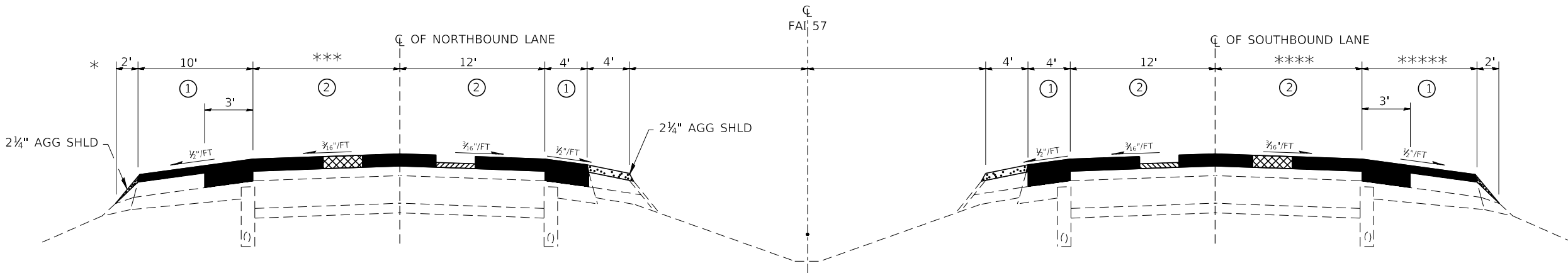
***** STA. 177+65 TO STA. 174+83.21 8'
STA. 174+83.21 TO STA. JOB LIMITS 10'

BRIDGE OMISSIONS

STA. 215+29.5 TO STA. 214+58.5
(S.N. 046-0012 AND 046-0013 SOLDIER CREEK)

STA. 138+30.88 TO STA. 139+51.04
(S.N. 046-0010 AND 046-0011 GRINNELL RD)

STA. 142+42.19 TO STA. 145+01.86
(S.N. 046-0008 AND 046-0009 CONRAIL)



*** STA. 177+65 TO STA. 177+50 12.3' - 12'

- ① MILL 6" FROM THE INNER 4' OF THE INSIDE AND THE INNER 3' OF THE OUTSIDE SHOULDER
REPLACE WITH 4" OF HMA BINDER N70 IL-19.0
AND 2" OF HMA SURFACE N70 IL-9.5 MIX C

THEN REMOVE AND REPLACE 2" FROM ENTIRE WIDTH OF BOTH SHOULDERS AFTER FINAL SURFACE REPLACEMENT

- ② PROPOSED HMA SURFACE REMOVAL 4¼"
PROPOSED 2" HMA SURFACE COURSE N80 SMA IL-12.5
PROPOSED 2¼" HMA BINDER COURSE N90 POLY IL-19.0

* NOTE: MATCH EXISTING SUPER ELEVATIONS

PROPOSED TYPICAL SECTION NO. 3

STA. 228+35.17 TO STA. 201+96.53

STA. EQUATION: STA. 201+96.53 (BK)=
STA. 107+65.25 (AH)

STA. 107+65.25 TO STA 177+65

**** SEE RAMP TYPICALS FOR LOCATIONS OUTSIDE OF SOUTH BOUND 12' DRIVING LANE FOR STA. 177+65-STA. 174+83.21

***** SEE RAMP TYPICAL FOR LOCATIONS OUTSIDE OF SOUTH BOUND 10' SHOULDER FOR STA. 177+65-STA. 174+83.21

BRIDGE OMISSIONS

STA. 145+01.86 TO STA. 142+42.19
(S.N. 046-0008 AND 046-0009 CONRAIL)

STA. 139+51.04 TO STA. 138+30.88
(S.N. 046-0010 AND 046-0011 GRINNELL RD)

STA. 215+29.5 TO STA. 214+58.5
(S.N. 046-0012 AND 046-0013 SOLDIER CREEK)

NOTE: LONGITUDINAL JOINT SEALANT WILL ONLY BE PLACED ON THE CENTERLINE UNDER THE SURFACE LIFT

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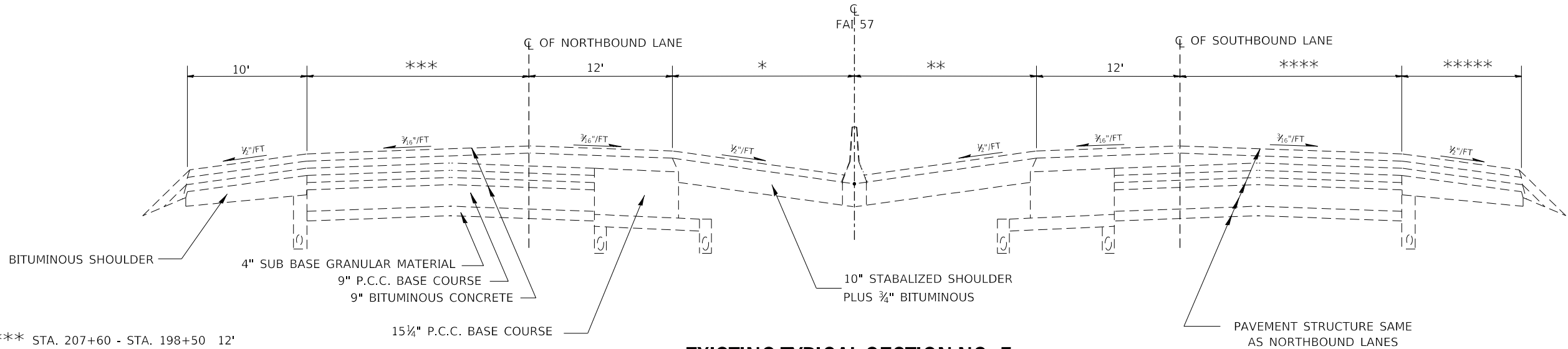
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PLOT DATE = 2/1/2019	DATE - _____	REVISIONS - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: _____ SHEET 3 OF 7 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS-3 & I	KANKAKEE	76	12
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION NO. 5

STA. 182+95 TO STA. 207+60

BRIDGE OMISSION 189+60.23 TO 192+23.95
(SN 046-0006 AND 046-0007)

*** STA. 207+60 - STA. 198+50 12'
STA. 198+50 - STA. 192+25.55 12' - 24'
STA. 192+25.55 - STA. 189+59.46 STRUCTURE
STA. 189+59.46 - STA. 183+50 24'
STA. 183+50 - STA. 182+95 24' - 22.9'

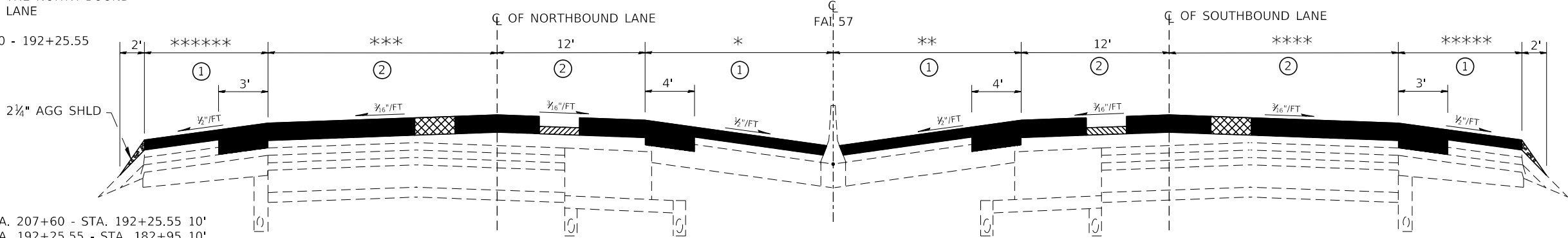
*** STA. 207+60 - STA. 203+97.89 21.05' - 24'
STA. 203+97.89 - STA. 192+24.64 24'
STA. 192+24.64 - STA. 189+58.55 STRUCTURE
STA. 189+58.55 - STA. 186+39 24' - 43'
STA. 186+39 - STA. 182+95 12'

*** STA. 207+60 - STA. 192+25.55 12'
STA. 192+25.55 - STA. 189+59.46 STRUCTURE
STA. 189+59.46 - STA. 183+50 24'
STA. 183+50 - STA. 182+95 24' - 22.9'
SEE RAMP TYPICALS FOR LOCATIONS
OUTSIDE OF THE NORTH BOUND
12' DRIVING LANE
FOR
STA. 207+60 - 192+25.55

* STA. 189+59 - STA. 182+95 8'
STA. 203+97.89 - STA. 198+50 20' - 12.54'
STA. 198+50 - STA. 189+59 12.54' - 8'
* STA. 207+60 - STA. 203+97.89 16.95' - 20'

** STA. 186+00 - STA. 182+95 8.25' - 12.99'
STA. 192+24.64 - STA. 186+00 8' - 8.25'
** STA. 207+60 - STA. 192+24.64 8'

***** STA. 207+60 - STA. 192+24.64 10'
STA. 192+24.64 - STA. 189+58.55 STRUCTURE
STA. 189+58.55 - STA. 186+39 8'
STA. 186+39 - STA. 182+95 10'



PROPOSED TYPICAL SECTION NO. 5

STA. 182+95 TO STA. 207+60

BRIDGE OMISSION 189+60.23 TO 192+23.95
(SN 046-0006 AND 046-0007)

*** STA. 207+60 - STA. 203+97.89 21.05' - 24'
STA. 203+97.89 - STA. 192+24.64 24'
STA. 192+24.64 - STA. 189+58.55 STRUCTURE
STA. 189+58.55 - STA. 182+95 12'
SEE RAMP TYPICALS FOR LOCATIONS
OUTSIDE OF THE SOUTH BOUND
12' DRIVING LANE FOR
STA. 189+58.55 - STA. 182+95

***** STA. 207+60 - STA. 192+24.64 10'
STA. 192+24.64 - STA. 189+58.55 STRUCTURE
STA. 189+58.55 - STA. 182+95 10'
SEE RAMP TYPICALS FOR LOCATIONS
OUTSIDE OF THE SOUTH BOUND
SHOULDER FOR
STA. 189+58.55 - STA. 182+95

① MILL 6" FROM THE INNER 4' OF THE INSIDE AND THE INNER 3'
OF THE OUTSIDE SHOULDER
REPLACE WITH 4" OF HMA BINDER N70 IL-19.0
AND 2" OF HMA SURFACE N70 IL-9.5 MIX C

THEN REMOVE AND REPLACE 2" FROM ENTIRE WIDTH OF BOTH
SHOULDERS AFTER FINAL SURFACE REPLACEMENT

② PROPOSED HMA SURFACE REMOVAL 4 1/4"
PROPOSED 2" HMA SURFACE COURSE N80 SMA IL-12.5
PROPOSED 2 1/4" HMA BINDER COURSE N90 POLY IL-19.0

* NOTE: MATCH EXISTING SUPER ELEVATIONS

* STA. 189+59 - STA. 182+95 8'
STA. 198+50 - STA. 189+59 12.54' - 8'
STA. 203+97.89 - STA. 198+50 20' - 12.54'
STA. 207+60 - STA. 203+97.89 16.95' - 20'

** STA. 186+00 - STA. 182+95 8.25' - 12.99'
STA. 192+24.64 - STA. 186+00 8' - 8.25'
STA. 207+60 - STA. 192+24.64 8'

NOTE: LONGITUDINAL JOINT SEALANT WILL ONLY BE PLACED
ON THE CENTERLINE UNDER THE SURFACE LIFT

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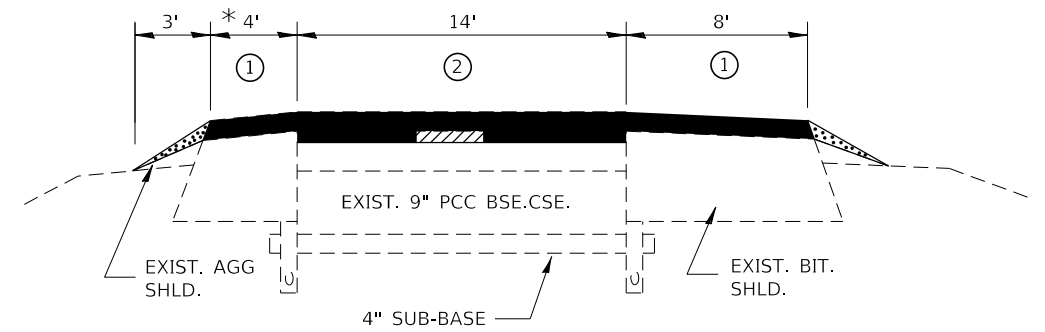
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

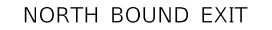
TYPICAL SECTIONS

SCALE: _____ SHEET 5 OF 7 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS-3 & I	KANKAKEE	76	14
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
NO. 2 @ RAMPS



STA. 0+00 - STA. 2+00 NO. 2 (0',0',8')
STA. 2+00 - STA. 5+26 NO. 2 (0',0'-14',8')
STA. 5+26 - STA. 7+91 NO.2 (0',14',8')
STA. 7+91 - STA. 14+61 NO. 2 (4',14',8')
STA. 14+61 - STA. 16+15 NO. 2 (0',14',8')
STA. 16+15 - STA. 22+65 NO. 1 (0',14',8')
GORE AREA
STA. 208+91 - STA. 206+46 (0'-20')



STA. 22+65 - STA. 16+77 NO. 1 (0',14',8')
 STA. 16+77 - STA. 16+15 NO. 3 (0',14'-25',8')
 STA. 16+15 - STA. 12+79 NO. 3 (4',25',8')
 STA. 12+79 - STA. 12+32 NO. 3 (4',25'-14',8')
 STA. 12+32 - STA. 11+20 NO. 2 (4',14',8')
 STA. 11+20 - STA. 6+66 NO. 2 (0',14'-12',8')
 GORE AREA
 STA. 196+78 - STA. 192+25.55 (15'-0')

- * NOTE: 10 SHLD.
STA. 206+46 - STA. 196+78 NORTHBOUND
STA. 185+90 - STA. 182+31 SOUTHBOUND

* NOTE: 10 SHLD.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	16
SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.					CONTRACT NO. 66E67				
					ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE																		
LOCATION					LENGTH	HMA SURF REM 2"	HMA SURF REM 4 1/4"	HMA SURF REM 6"	2 1/4" BINDER MAINLINE N90 POLY IL-19.0	4" BINDER SHOULDER N70 IL-19.0	2" SURFACE MAINLINE, MIX N80 SMA IL-12.5	2" SURFACE SHLDR, MIX "C" N70 IL-9.5	LONG JOINT SEALANT	BIT MATL'S (TACK COAT)	TEMP RAMP	MIX CRACKS JTS & FLGWYS	LEVEL BIND (HM)	RUMBLE STRIP 16"
					FT	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	FOOT	POUND	SQ YD	TON	TON	FT
NORTHBOUND			240+00	207+60.	3240.00	3060.0	8640.0	2520.0	1088.6	564.5	967.7	504.0	3240.0	9234.0	24.0	4.1	7.0	6480.0
			207+60.	192+23.95	1536.05	1450.7	4096.1	1194.7	516.1	267.6	458.8	238.9	1536.1	4377.7	24.0	1.9	3.3	3072.1
	Gap (SN 006-0006)	IL 17	192+23.95	189+60.23	263.72													
			189+60.23	182+95.	665.23	628.3	1773.9	517.4	223.5	115.9	198.7	103.5	665.2	1895.9	24.0	0.8	1.4	1330.5
			185+95.	177+65.	830.00	783.9	2213.3	645.6	278.9	144.6	247.9	129.1	830.0	2365.5		1.1	1.8	1660.0
			177+65.	145+01.86	3263.14	3081.9	8701.7	2538.0	1096.4	568.5	974.6	507.6	3263.1	9299.9	24.0	4.1	7.1	6526.3
	Gap (SN 006-0008)	RR	145+01.86	142+42.19	259.67													
			142+42.19	139+51.04	291.15	275.0	776.4	226.5	97.8	50.7	87.0	45.3	291.2	829.8	24.0	0.4	0.6	582.3
	Gap (SN 006-0010)	GRINELL RD	139+51.04	138+30.88	120.16													
			138+30.88	107+65.25	3065.63	2895.3	8175.0	2384.4	1030.1	534.1	915.6	476.9	3065.6	8737.0	24.0	3.9	6.6	6131.3
	STA EQ 201+96.53BK 107+65.25AH																	
			201+96.53	214+58.5	1261.97	1191.9	3365.3	981.5	424.0	219.9	376.9	196.3	1262.0	3596.6	24.0	1.6	2.7	2523.9
	Gap (SN 006-0013)	SOLDIER CREEK	214+58.5	215+29.5	71.00													
			215+29.5	228+35.17	1305.67	1233.1	3481.8	1015.5	438.7	227.5	390.0	203.1	1305.7	3721.2	24.0	1.7	2.8	2611.3
			228+35.17	273+13.	4477.83	4229.1	11940.9	3482.8	1504.6	780.1	1337.4	696.6	4477.8	12761.8		5.7	9.7	8955.7
			273+13.	276+69.	356.00	336.2	949.3	276.9	119.6	62.0	106.3	55.4	356.0	1014.6	24.0	0.5	0.8	712.0
SOUTHBOUND			276+69	273+13.	356.00	336.2	949.3	276.9	119.6	62.0	106.3	55.4	356.0	1014.6	24.0	0.5	0.8	712.0
			273+13.	228+35.17	4477.83	4229.1	11940.9	3482.8	1504.6	780.1	1337.4	696.6	4477.8	12761.8		5.7	9.7	8955.7
			228+35.17	215+29.5	1305.67	1233.1	3481.8	1015.5	438.7	227.5	390.0	203.1	1305.7	3721.2	24.0	1.7	2.8	2611.3
	Gap (SN 046-0012)	SOLDIER CREEK	215+29.5	214+58.5	71.00													
			214+58.5	201+96.53	1261.97	1191.9	3365.3	981.5	424.0	219.9	376.9	196.3	1262.0	3596.6	24.0	1.6	2.7	2523.9
	STA EQ 201+96.53BK 107+65.25AH																	
			107+65.25	138+30.88	3065.63	2895.3	8175.0	2384.4	1030.1	534.1	915.6	476.9	3065.6	8737.0	24.0	3.9	6.6	6131.3
	Gap (SN 046-0011)	GRINELL RD	138+30.88	139+51.04	120.16											0.2	0.3	240.3
			139+51.04	142+42.19	291.15	275.0	776.4	226.5	97.8	50.7	87.0	45.3	291.2	829.8	24.0	0.4	0.6	582.3
	Gap (SN 046-0009)	RR	142+42.19	145+01.86	259.67													
			145+01.86	177+65.	3263.14	3081.9	8701.7	2538.0	1096.4	568.5	974.6	507.6	3263.1	9299.9	24.0	4.1	7.1	6526.3
			177+65.	182+95.	530.00	500.6	1413.3	412.2	178.1	92.3	158.3	82.4	530.0	1510.5		0.7	1.1	1060.0
			182+95.	189+60.23	665.23	628.3	1773.9	517.4	223.5	115.9	198.7	103.5	665.2	1895.9	24.0	0.8	1.4	1330.5
	Gap (SN 046-0007)	IL 17	189+60.23	192+23.95	263.72													
			192+23.95	207+60.	1536.05	1450.7	4096.1	1194.7	516.1	267.6	458.8	238.9	1536.1	4377.7	24.0	1.9	3.3	3072.1
			207+60.	240+00.	3240.00	3060.0	8640.0	2520.0	1088.6	564.5	967.7	504.0	3240.0	9234.0	24.0	4.1	7.0	6480.0
TOTALS						38047	107428	31333	13536	7019	12032	6267	40285	114813	432	51	88	80811

RAMP RESURFACING							
LOCATION		BIT MATL'S (TACK COAT)	2" SURFACE MAINLINE, MIX N80 SMA IL-12.5	2" SURFACE SHLDR, MIX "C" N70 IL-9.5	2 1/4" BINDER MAINLINE N90 POLY IL-19.0	2 1/4" BINDER SHOULDER N70 IL-19.0	HMA SURF REM 4 1/4"
	LENGTH						
	FEET	POUNDS	TONS	TONS	TONS	TONS	SQ YD
SB ON RAMP	950	2101.88	348.76	348.76	392.35	392.35	3113.89
SB OFF RAMP	1700	3060.00	507.73	507.73	571.20	571.20	4533.33
NB OFF RAMP	1985	3573.00	592.85	592.85	666.96	666.96	5293.33
NB ON RAMP	1650	3650.63	605.73	605.73	681.45	681.45	5408.33
TOTALS		12386	2055	2055	2312	2312	18349

PATCHING SCHEDULE SOUTHBOUND LANES											
LOCATION BY LOG MILE*	PASSING LANE					DRIVING LANE					
	PATCH LENGTH	CLASS B PATCHING TYPE II 17"	WELDED WIRE REINFORCEMENT	DOWEL BARS	SAW CUTS	PATCH LENGTH	CLASS B PATCHING		WELDED WIRE REINFORCEMENT	DOWEL BARS	SAW CUTS
							TYPE II 17"	TYPE III 17"			
	(FT)	SQ YD	SQ YD	EACH	FOOT	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT
0.9	6	8		22	48						
1.1						6	8			22	48
1.1	SN 038-0012					SN 038-0012					
1.3											
1.8											
2.0	SN 038-0011					SN 038-0011					
2.0	SN 038-0009					SN 038-0009					
2.1											
2.2											
2.8											
2.8											
2.8											
2.9											
2.9	SN 038-0007					SN 038-0007					
3.0	6	8		22	48						
3.3 (AUX LANE)						6	8			22	48
3.3 (AUX LANE)						8	11			22	52
3.3	6	8		22	48	6	8			22	48
3.4	6	8		22	48						
3.5	10	13		22	56						
3.5						12		16	16	22	60
3.5	SN 038-0005					SN 038-0005					
3.5	6	8		22	48						
3.5	6	8		22	48						
3.8	SN 038-0080					SN 038-0080					
SB TOTALS	46	61		154	344	38	35	16	16	110	256

*LOG MILE 0.0 = CONCRETE AT NORTH END OF JOB

PATCHING SCHEDULE SOUTHBOUND LANES								
LOCATION BY LOG MILE*	PASSING LANE				DRIVING LANE			
	PATCH LENGTH	CLASS B PATCHING TYPE II 20"	DOWEL BARS	SAW CUTS	PATCH LENGTH	CLASS B PATCHING TYPE II 20"	DOWEL BARS	SAW CUTS
0.9								
1.1								
1.1	SN 038-0012				SN 038-0012			
1.3	6	8	22	48				
1.8					6	8	22	48
2.0	SN 038-0011				SN 038-0011			
2.0	SN 038-0009				SN 038-0009			
2.1					6	8	22	48
2.2	6	8	22	48				
2.8					6	8	22	48
2.8					6	8	22	48
2.8	6	8	22	48				
2.9	6	8	22	48				
2.9	SN 038-0007				SN 038-0007			
3.0								
3.3 (AUX LANE)								
3.3 (AUX LANE)								
3.3								
3.4								
3.5								
3.5								
3.5	SN 038-0005				SN 038-0005			
3.5								
3.5								
3.8	SN 038-0080				SN 038-0080			
SB TOTALS	24	32	88	192	24	32	88	192

*LOG MILE 0.0 = CONCRETE AT NORTH END OF JOB

PATCHING SCHEDULE NORTHBOUND LANES										
LOCATION BY LOG MILE*	PASSING LANE				DRIVING LANE					
	PATCH LENGTH	CLASS B PATCHING TYPE II 17"	DOWEL BARS	SAW CUTS	PATCH LENGTH	CLASS B PATCHING TYPE II 17"	CLASS B PATCHING TYPE III 17"	WELDED WIRE REINFORCEMENT	DOWEL BARS	SAW CUTS
	(FT)	SQ YD	EACH	FOOT	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT
0.1	SN 038-0080				SN 038-0080					
0.4	SN 038-0005				SN 038-0005					
0.9	SN 038-0006				SN 038-0006					
1.1										
1.7										
1.8	SN 038-0008				SN 038-0008					
1.9	SN 038-0010				SN 038-0010					
2.7										
2.7	SN 038-0013				SN 038-0013					
2.9					12		16	16	22	60
3.1	6	8	22	48						
3.2					10	13			22	56
3.3					6	8			22	48
3.4					6	8			22	48
3.4	6	8	22	48						
NB TOTALS	12	16	44	96	34	29	16	16	88	212

*LOG MILE 0.0 = STA 240+00 AT SOUTH END OF JOB

PATCHING SCHEDULE NORTHBOUND LANES											
LOCATION BY LOG MILE*	PASSING LANE					DRIVING LANE					
	PATCH LENGTH	CLASS B PATCHING TYPE II 20"	WELDED WIRE REINFORCEMENT	DOWEL BARS	SAW CUTS	PATCH LENGTH	CLASS B PATCHING TYPE II 20"	CLASS B PATCHING TYPE III 20"	WELDED WIRE REINFORCEMENT	DOWEL BARS	SAW CUTS
	(FT)	SQ YD	SQ YD	EACH	FOOT	(FT)	SQ YD	SQ YD	SQ YD	EACH	FOOT
0.1	SN 038-0080					SN 038-0080					
0.4	SN 038-0005					SN 038-0005					
0.9	SN 038-0006					SN 038-0006					
1.1						16		21	21	22	68
1.7						6	8			22	48
1.8	SN 038-0008					SN 038-0008					
1.9	SN 038-0010					SN 038-0010					
2.7	6	8		22	48						
2.7	SN 038-0013					SN 038-0013					
2.9											
3.1											
3.2											
3.3											
3.4											
3.4	6	8		22	48						
NB TOTALS	12	16		44	96	22	8	21	21	44	116

*LOG MILE 0.0 = STA 240+00 AT SOUTH END OF JOB

ROUTE: I-57		LOCATION: N OF KANKAKEE RIVER BRIDGE TO S IL 50 INTCHG IN BOURBONNAIS			KANKAKEE COUNTY	
GPS NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY	
N/A	NO PERMANENT SURVEY MARKERS OR SECTION CORNER MARKERS TO BE SET ON THIS JOB	N/A	N/A	N/A	N/A	
THERE ARE NO KNOWN LAND SURVEY OR CENTERLINE CONTROL MONUMENTS LOCATED ON THE ROAD SURFACE. UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF FOUND, THE R.E. MUST TIE AND REQUEST PLATS AND PLANS PERSONNEL TO GPS ANY MONUMENT SUBJECT TO DAMAGE OR DESTRUCTION FROM RESURFACING WORK, AND INFORM THEM TO RESET THESE MONUMENTS UPON JOB COMPLETION. NO MONUMENT RECORDS WILL BE REQUIRED FOR THIS JOB.						

APPROACH SLAB REPAIR	
SN 046-0006	
SOUTH APPROACH FULL DEPTH	NORTH APPROACH PARTIAL DEPTH
6' X 12' / 9 = 8.0 SQ YD	5' X 2' / 9 = 1.1 SQ YD

GUARDRAIL										
	DL ,PL MED*	TERM MRK, DA	TBT TY 1 SP (TANG)	SPBGR TY A 6' POSTS (FOOT)	SPBGR TY A 9' POSTS (FOOT)	TBT TY 6 (EACH)	TBT TY2	GR REFL, TY A	HMA STAB SPBGR	GR REMOVAL
STA TO STA		EA	EA	FT	FT	EA	EA	EA	SQ YD	FOOT
NORTHBOUND										
START OF BARRIER WALL (+/- 1500' N OF KANKAKEE RIVER)	MED	1	1					0		50
WALDRON RD/MAPLE ST OVERPASS (SN 046-0080) SOUTH	DL	1	1	187.5		1		3	100	212.5
SN 046-0006 (I-57 OVER IL 17) SOUTH	DL	1	1	350		1		5	154	425
SN 046-0006 (I-57 OVER IL 17) NORTH	DL				287.5	1	1	0	37	325
SN 046-0013 (I-57 OVER SOLDIER CREEK) SOUTH	DL	1	1	300		1		4	137	375
SN 046-0013 (I-57 OVER SOLDIER CREEK) SOUTH	PL	1	1	250		1		4	121	325
SN 046-0013 (I-57 OVER SOLDIER CREEK) NORTH	DL					1	1	0	8	25
START OF BARRIER WALL (+/- 400' S OF START OF PROJECT)	MED	1	1					0		12.5
NORTHBOUND SUBTOTAL		6	6	1088	288	6	2	16	558	1750
SOUTHBOUND										
SN 046-0012 (I-57 OVER SOLDIER CREEK) NORTH	DL	1	1	287.5		1		4	133	362.5
SN 046-0012 (I-57 OVER SOLDIER CREEK) NORTH	PL	1	1	287.5		1		4	133	362.5
SN 046-0012 (I-57 OVER SOLDIER CREEK) SOUTH	DL					1	1	0	8	25
START OF BARRIER WALL NORTH OF IL 17 INTERCHANGE	MED	1	1					0	17	50
SN 046-0007 (I-57 OVER IL 17) NORTH	DL	1	1	262.5		1		4	125	337.5
SN 046-0007 (I-57 OVER IL 17) SOUTH	DL			512.5	512.5	1	1	7	208	550
SN 046-0005 (RR OVER I-57) NORTH	DL	1	1	187.5		1		3		137.5
WALDRON RD/MAPLE ST OVERPASS (SN 046-0080) SOUTH	DL					1	1	0		50
SOUTHBOUND SUBTOTAL		5	5	1538	513	7	3	22	624	1875
GRAND TOTAL		11	11	2625	800	13	5	38	1182	3625

*FURNISHED EX NEEDED BEHIND NEW HMA SHOULDER. INCORPORATE WITH MATERIAL EXCAVATED FROM CORING HMA SHLD

HIGH TENSION MEDIAN CABLE BARRIER SCHEDULE					
LOCATION	HIGH TENSION CABLE MEDIAN BARRIER	CABLE GUARD MARKERS	TERMINAL MARKER POST MOUNTED	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	WEED CONTROL MOWING STRIP (SPECIAL)
	FOOT	EACH	EACH	EACH	SQ YD
STA. 272+90 TO 242+89	2901	64	2	2	1333.8
241+69 TO 218+85	2184	49	2	2	1015.1
STA 214+50 TO 202+46.51	1103	25	2	2	534.9
STA EQ 202+46.51BK TO 107+15.26AH					
STA. 107+15.26 TO 134+50	2635	59	2	2	1215.4
STA 145+10 TO 164+70	1960	44	2	2	915.6
STA 165+90 TO 177+80	1090	24	2	2	528.9
244+00 TO 253+00	800	18	2	2	400
TOTAL	12673	282	14	14	5944

PLACE ON INSIDE SOUTHBOUND SHOULDER

DELINEATORS	
LOCATION	DELINEATORS
STATION	EACH
NORTHBOUND	
240+00 TO 192+24	3
IL 17 OFF RAMP	10
IL 17 ON RAMP	15
189+60 TO 107+65	16
STA EQ 201+96.53BK 107+65.25AH	
201+97 TO 214+59	3
215+30 TO 276+69	16
SOUTHBOUND	
276+69 TO 215+30	15
214+59 TO 201+97	4
STA EQ 201+96.53BK 107+65.25AH	
107+65 TO 189+60	16
IL 17 OFF RAMP	8
IL 17 ON RAMP	12
192+24 TO 240+00	4
TOTAL	122

STAGING SCHEDULE										
STRUCTURE / LOCATION		STAGE	TEMP CONC BARRIER	RELOCATE TEMP CONC BARRIER	IMPACT ATTEN TEMP (NON REDIRECT) TEST LEVEL 3	IMPACT ATTEN TEMP RELOCATE(NON REDIRECT) TEST LEVEL 3	PINNING TEMP CONC BARRIER	TEMP PAVT MRK - 4" TAPE	SHRT TRM PAVT MRK REM	PAVT MARK REM - WATER BLAST
			FOOT		EACH	EACH	EACH	FOOT	SQ FT	SQ FT
SN 006-0006/0007	IL 17	STAGE 1	975		2		12	4619	1538	1046
		STAGE 2	475	975		2	24	4519	1505	512
		STAGE 3		975		2	12	2578	858	
SN 006-0012/0013	SOLDIER CREEK	STAGE 1	675		2		12	STD 701402	STD 701402	STD 701402
		STAGE 2		675		2	12	STD 701402	STD 701402	STD 701402
TOTAL			2125	2625	4	6	72	11716	3901	1558

AGG SHOULDER TY B						
LOCATION NORTHBOUND				LENGTH	AGG SHLD TY B	
				FT	TON	
OUTSIDE SHOULDER			240+00	235+00.	500.00	14
			215+00.	206+50.	850.00	25
			206+50.	196+75.	975.00	28
	Gap (SN 006-0006)	IL 17	192+23.95	189+60.23		
			186+50.	154+45.	3205.00	92
	Gap (SN 006-0008)	RR	145+01.86	142+42.19		
	Gap (SN 006-0010)	GRINNELL RD	139+51.04	138+30.88		
			133+66.	107+65.25	2600.75	75
	STA EQ 201+96.53BK 107+65.25AH					
			201+96.53	211+31.62	935.09	27
	Gap (SN 006-0013)	SOLDIER CREEK	214+58.5	215+29.5		
			215+87.37	271+94.	5606.63	162
			271+94.	276+69.	475.00	21
INSIDE SHOULDER			177+65	148+85.	2880.00	83
			133+66.	107+65.25	2600.75	75
	STA EQ 201+96.53BK 107+65.25AH					
			201+96.53	210+95.02	898.49	26
	Gap (SN 046-0012)	SOLDIER CREEK	210+95.02	215+35.77		
			215+35.77	271+00.	5564.23	161
			271+00.	271+94.	94.00	5
			271+94.	272+05.	11.00	0
TOTALS						794

AGG SHOULDER TY B						
LOCATION SOUTHBOUND				LENGTH	AGG SHLD TY B	
				FT	TON	
OUTSIDE SHOULDER			276+69	271+94.	475.00	21
			271+94.	218+74.	5320.00	153
	Gap (SN 046-0012)	SOLDIER CREEK	218+74.	213+96.95		
			213+96.95	201+96.53	1200.42	35
	STA EQ 201+96.53BK 107+65.25AH					
			107+65.25	133+56.	2590.75	75
	Gap (SN 046-0011)	GRINNELL RD	133+56.	134+76.16		
	Gap (SN 046-0009)	RR	151+75.33	154+35.		
			154+35.	182+27.	2792.00	81
			182+27.	186+25.	398.00	11
	Gap (SN 006-0007)	IL 17	186+25.	197+50.		
			197+50.	208+00.	1050.00	30
	Gap (SN 046-0080)	WALDRON RD	208+00.	232+00.		
			232+00.	240+00.	800.00	23
INSIDE SHOULDER			272+05	271+94.	11.00	0
			271+94.	271+00.	94.00	5
			271+00.	218+58.	5242.00	151
	Gap (SN 046-0012)	SOLDIER CREEK	218+58.	214+56.		
			214+56.	201+96.53	1259.47	36
	STA EQ 201+96.53BK 107+65.25AH					
			107+65.25	134+50.	2684.75	77
	Gap (SN 046-0011)	GRINNELL RD	134+50.	135+70.16		
	Gap (SN 046-0009)	RR	151+75.33	154+35.		
			154+35.	177+65.	2330.00	67
TOTALS						767

RAMP PAVEMENT MARKING										
LOCATION	POLYUREA PVMT MARKING TY 1					GROOVING FOR RECESSED PAVT MKG		RAISED REFLECTIVE PAVEMENT MARKERS		
	4"		8"	24"	L&S					
	WHITE	YELLOW	WHITE	WHITE	WHITE	25"	L&S	CRYSTAL	AMBER	RED
	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	SQ FT	EACH	EACH	EACH
NORTHBOUND OFF RAMP	2275	1400	108	43		43		80	24	104
NORTHBOUND ON RAMP	2180	975								
SOUTHBOUND OFF RAMP	1972	752	100	44	84	44	84	61	13	74
SOUTHBOUND ON RAMP	1255	554								
TOTAL	7682	3681	208	87	84	87	84	141	37	178

FOR TEMPORARY PAVEMENT MARKING QUANTITIES, SEE TEMPORARY PAVEMENT MARKING SCHEDULE.

PAVEMENT MARKING															
LOCATION					DESCRIPTION	LENGTH	POLYUREA PVMT MARKING TY 1		PREFORMED PL PVMT MARK TYP B	GROOVING FOR RECESSED PVMT MARKING			RAISED REF PVMT MARK REM EACH	RAISED REF PVMT MARK EACH	
							4 INCH		8 INCH	6 INCH	5 INCH	7 INCH			9 INCH
							WHITE	YELLOW	WHITE	WHITE					
						FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT			
NORTHBOUND			240+00	211+90.	EDGE & CL	2810.00	2810.00		710	2810	710		35.5	35.5	
			211+90.	192+23.95	EDGE & CL	1966.05	626	1966	520	1296.05	520		26	26	
	Gap (SN 006-0006)	IL 17	192+23.95	189+60.23	EDGE & CL	263.72	263.72	263.72		140	263.72	140	7	7	
			189+60.23	145+01.86	EDGE & CL	4458.37	4458.37	4458.37		1420	4458.37	1420	71	71	
	Gap (SN 006-0008)	RR	145+01.86	142+42.19	EDGE & CL	259.67	259.67	259.67		60	259.67	60	3	3	
			142+42.19	139+51.04	EDGE & CL	291.15	291.15	291.15		70	291.15	70	3.5	3.5	
	Gap (SN 006-0010)	GRINELL RD	139+51.04	138+30.88	EDGE & CL	120.16	120.16	120.16		30	120.16	30	1.5	1.5	
			138+30.88	107+65.25	EDGE & CL	3065.63	3065.63	3065.63		770	3065.63	770	38.5	38.5	
	STA EQ 201+96.53BK 107+65.25AH											0			
			201+96.53	214+58.5	EDGE & CL	1261.97	1261.97	1261.97		320	1261.97	320	16	16	
Gap (SN 006-0013)	SOLDIER CREEK	214+58.5	215+29.5	EDGE & CL	71.00	71.00	71.00		20	71	20	1	1		
		215+29.5	276+69.	EDGE & CL	6139.50	6139.50	6139.50		1540	6139.5	1540	77	77		
NORTHBOUND SUBTOTAL							19367	20707	0	5600	20037	5600	0	280	280
SOUTHBOUND			276+69	215+29.5	EDGE & CL	6139.50	6139.50	6139.50		1540	6139.5	1540	77	77	
	Gap (SN 046-0012)	SOLDIER CREEK	215+29.5	214+58.5	EDGE & CL	71.00	71.00	71.00		20	71	20	1	1	
			214+58.5	201+96.53	EDGE & CL	1261.97	1261.97	1261.97		320	1261.97	320	16	16	
	STA EQ 201+96.53BK 107+65.25AH											0			
			107+65.25	138+30.88	EDGE & CL	3065.63	3065.63	3065.63		770	3065.63	770	38.5	38.5	
	Gap (SN 046-0011)	GRINELL RD	138+30.88	139+51.04	EDGE & CL	120.16	120.16	120.16		30	120.16	30	1.5	1.5	
			139+51.04	142+42.19	EDGE & CL	291.15	291.15	291.15		70	291.15	70	3.5	3.5	
	Gap (SN 046-0009)	RR	142+42.19	145+01.86	EDGE & CL	259.67	259.67	259.67		60	259.67	60	3	3	
			145+01.86	174+82.	EDGE & CL	2980.14	2980.14	2980.14		750	2980.14	750	37.5	37.5	
			174+82.	189+60.23	EDGE & CL	1478.23	282	1478.23		370	880.115	370	18.5	18.5	
Gap (SN 046-0007)	IL 17	189+60.23	192+23.95		263.72	263.72	263.72	96	100	263.72	100	48	5	5	
		192+23.95	240+00.		4776.05	4776.05	4776.05		1500	4776.05	1500	75	75		
SOUTHBOUND SUBTOTAL							19511	20707	96	5530	20109	5530	48	277	277
TOTAL							80293		96	11130	40146	11130	48	557	557

NOTE: OMISSION AREAS SHALL BE GROOVED AND STRIPED

TEMPORARY PAVEMENT MARKING SCHEDULE														
LOCATION					DESCRIPTION	LENGTH	TEMPORARY PAVEMENT MARKING LINE					PVMT MARK REM - WB (1 APP)	SHRT TRM PAVT MRK (3 APPS)	SHRT TRM PVT MRK REM (1 APP)
							4 INCH		6 INCH	8 INCH	24 INCH			
						FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT
NORTHBOUND			240+00	211+90.	EDGE & CL	2810.00	2810	2810	710			1114.17	843.00	93.67
			211+90.	192+23.95	EDGE & CL	1966.05	626.05	1966.05	520			562.02	589.82	65.54
					IL 17 OFF RAMP		2275	1400		108	43	691.50	387.00	43.00
					IL 17 ON RAMP		2128	975				517.17		
	Gap (SN 006-0006)	IL 17	192+23.95	189+60.23	EDGE & CL	263.72	263.72	263.72	140			122.91	79.12	8.79
			189+60.23	145+01.86	EDGE & CL	4458.37	4458.37	4458.37	1420			1841.12	1337.51	148.61
	Gap (SN 006-0008)	RR	145+01.86	142+42.19	EDGE & CL	259.67	259.67	259.67	60			101.56	77.90	8.66
			142+42.19	139+51.04	EDGE & CL	291.15	291.15	291.15	70			114.55	87.34	9.70
	Gap (SN 006-0010)	GRINELL RD	139+51.04	138+30.88	EDGE & CL	120.16	120.16	120.16	30			47.55	36.05	4.01
			138+30.88	107+65.25	EDGE & CL	3065.63	3065.63	3065.63	770			1214.38	919.69	102.19
STA EQ 201+96.53BK 107+65.25AH														
		201+96.53	214+58.5	EDGE & CL	1261.97	1261.97	1261.97	320			500.66	378.59	42.07	
Gap (SN 006-0013)	SOLDIER CREEK	214+58.5	215+29.5	EDGE & CL	71.00	71	71	20			28.67	21.30	2.37	
		215+29.5	276+69.	EDGE & CL	6139.50	6139.5	6139.5	1540			2431.50	1841.85	204.65	
NORTHBOUND SUBTOTAL						23770	23082	5600	108	43	0	9288	6599	733
SOUTHBOUND			276+69	215+29.5	EDGE & CL	6139.50	6139.5	6139.5	1540			2431.50	1841.85	204.65
	Gap (SN 046-0012)	SOLDIER CREEK	215+29.5	214+58.5	EDGE & CL	71.00	71	71	20			28.67	21.30	2.37
			214+58.5	201+96.53	EDGE & CL	1261.97	1261.97	1261.97	320			500.66	378.59	42.07
	STA EQ 201+96.53BK 107+65.25AH													
			107+65.25	138+30.88	EDGE & CL	3065.63	3065.63	3065.63	770			1214.38	919.69	102.19
	Gap (SN 046-0011)	GRINELL RD	138+30.88	139+51.04	EDGE & CL	120.16	120.16	120.16	30			47.55	36.05	4.01
			139+51.04	142+42.19	EDGE & CL	291.15	291.15	291.15	70			114.55	87.34	9.70
	Gap (SN 046-0009)	RR	142+42.19	145+01.86	EDGE & CL	259.67	259.67	259.67	60			101.56	77.90	8.66
			145+01.86	174+82.	EDGE & CL	2980.14	2980.14	2980.14	750			1180.88	894.04	99.34
			174+82.	189+60.23	EDGE & CL	1478.23	282	1478.23	370			385.87	443.47	49.27
				IL 17 OFF RAMP		1972	752		100	44	84	573.33	396.00	44.00
				IL 17 ON RAMP		1255	554				301.50			
Gap (SN 046-0007)	IL 17	189+60.23	192+23.95		263.72	263.72	263.72	100	96		144.91	79.12	8.79	
		192+23.95	240+00.		4776.05	4776.05	4776.05	1500			1967.02	1432.82	159.20	
SOUTHBOUND SUBTOTAL						22738	22013	5530	196	44	84	8992	6608	734
TOTAL							91604	11130	304	87	84	18280	13207	1467

Existing Structures: S.N. 046-0012 and 046-0013 were built in 1955 as FA Route 26, Section 139-B2 at Station 92+06.00. In 1990, the deck slab superstructures were replaced; the wing walls and abutment caps modified to accommodate the new slabs. Structures consist of a 12" concrete slab superstructure, thickened at the supports. The out to out width for both bridges is 43'-2" and the length is 76'-7" back to back abutments. The structures are founded on concrete closed abutments and solid wall piers with foundations keyed into rock. Stage construction shall be utilized to maintain one lane of traffic in each direction.

INDEX OF SHEETS

1. General Plan and Elevation
2. General Data
3. Deck Slab Repair Plan
4. Deck Slab Repair Plan (As-Built)
5. Joint Replacement Details
6. Preformed Joint Strip Seal
- 7-13. Substructure Repair Details
14. Bar Splicer Details
- 15-26. Existing Plans (For Information Only)

SCOPE OF WORK

1. Remove concrete deck and parapets at the expansion joints in order to provide new strip seal joints.
2. Perform deck repairs.
3. Install new superstructure concrete and preformed joint strip seal at abutments.
4. Apply protective coat to top of new concrete surfaces and slab repair areas.
5. Perform Bridge Deck Grooving on slab repair areas.
6. Repair deteriorated concrete on substructure.
7. Repair damaged sections of approach curbs.
8. Restore guardrail attachment.

DESIGN STRESSES

(New Construction)

FIELD UNITS

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

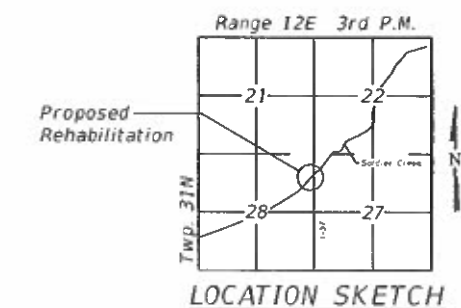
Notes:

Existing curbs shall be re-constructed as per the Engineer. Cost included with Approach Slab Repair (Partial Depth).

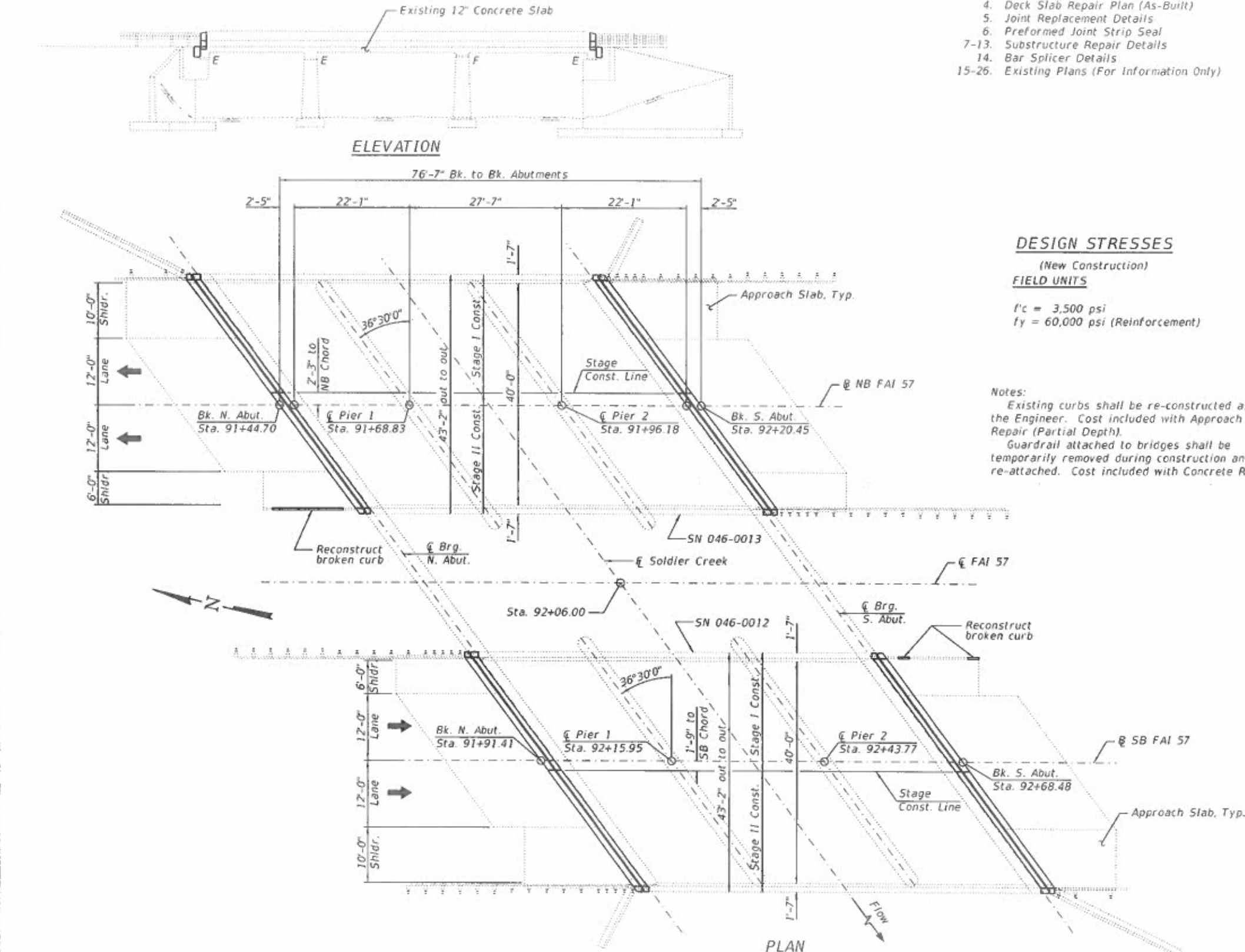
Guardrail attached to bridges shall be temporarily removed during construction and re-attached. Cost included with Concrete Removal.



Michael J. Haley 1-31-2019
 Michael T. Haley
 Licensed Structural Engineer
 State of Illinois No. 81-5991
 Expires 11/30/2020



GENERAL PLAN AND ELEVATION
I-57 OVER SOLDIER CREEK
F.A.I. RTE. 57 - SEC. (46-2, 46-3) RS-3&I
KANKAKEE COUNTY
STATION 92+06.00
STRUCTURE NOS. 046-0012(SB) & 046-0013(NB)



LINE ENGINEERING LTD.
 Consulting Engineers
 Springfield, Illinois

USER NAME	DESIGNED - MTH	REVISION
PLOT SCALE	CHECKED - VPT	REVISION
PLOT DATE	DRAWN - DAS	REVISION
	CHECKED - MTH	REVISION

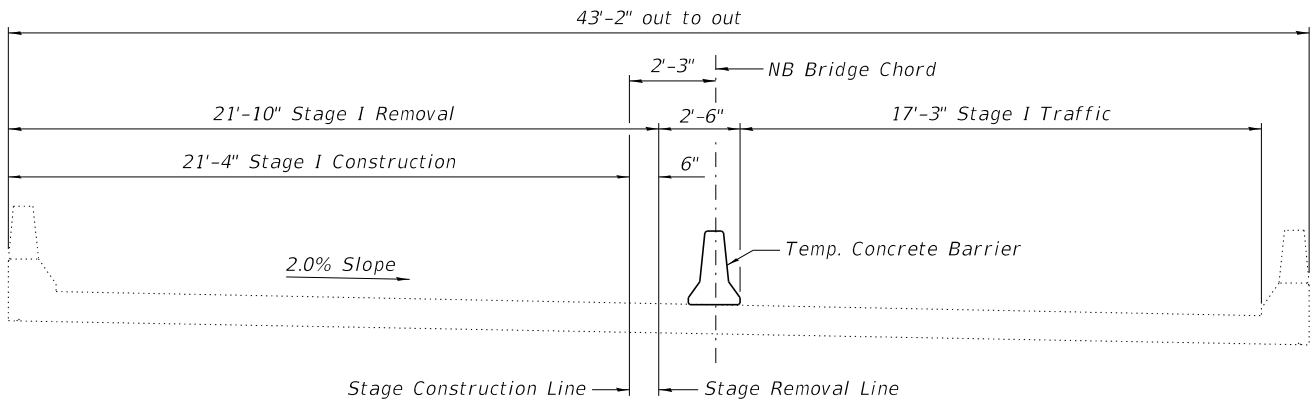
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 28 SHEETS

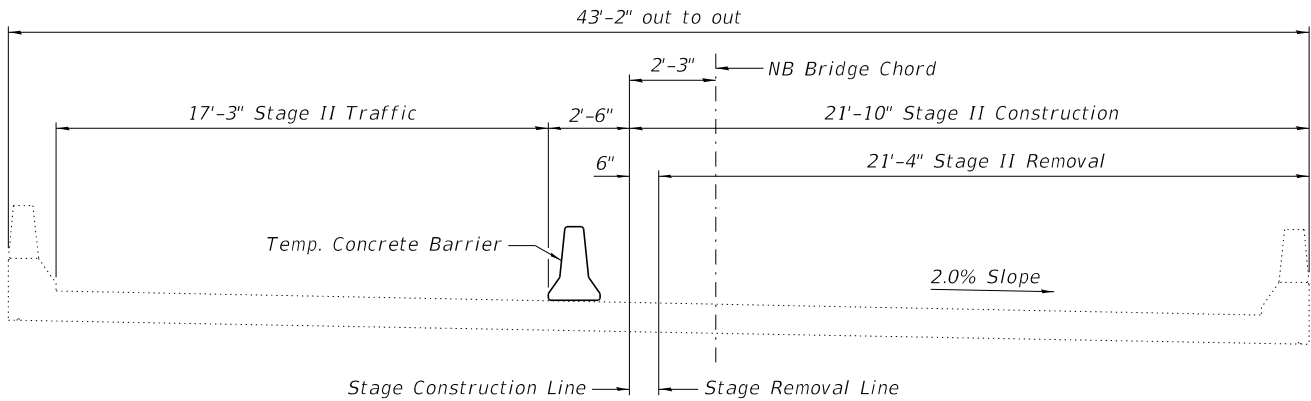
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	23
CONTRACT NO. 68E67				

ILLINOIS FED. AID PROJECT

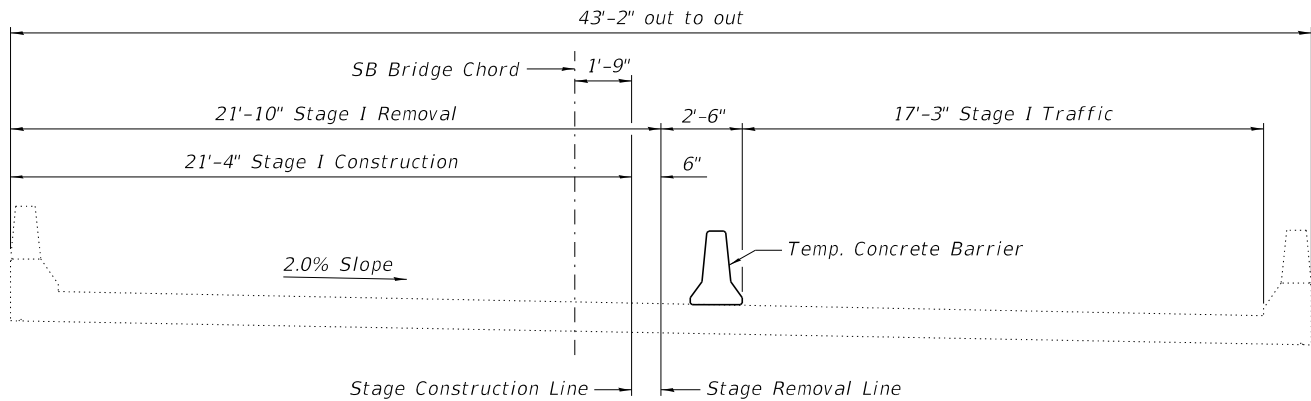
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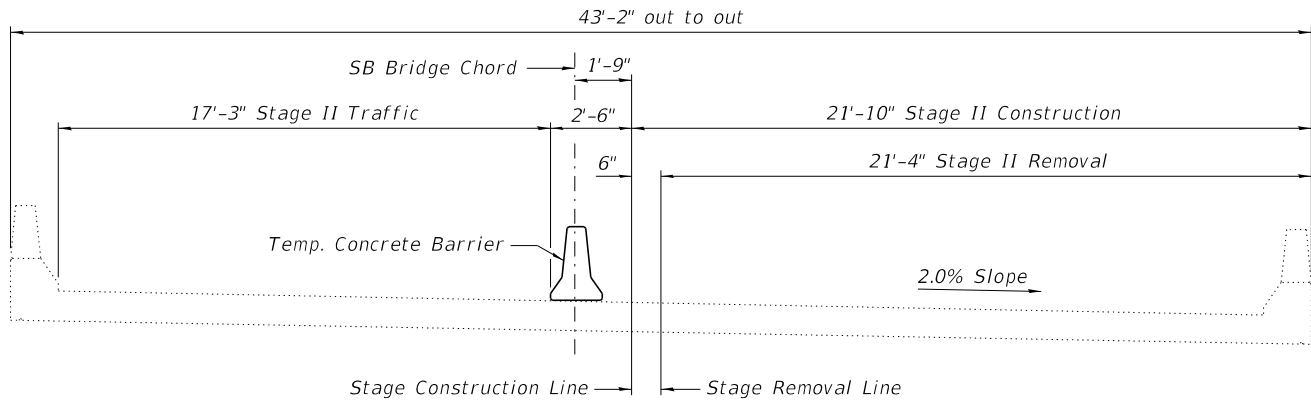
STAGE I REMOVAL & CONSTRUCTION
(Looking South) (SN 046-0013)



STAGE II REMOVAL & CONSTRUCTION
(Looking South) (SN 046-0013)



STAGE I REMOVAL & CONSTRUCTION
(Looking South) (SN 046-0012)



STAGE II REMOVAL & CONSTRUCTION
(Looking South) (SN 046-0012)

GENERAL NOTES

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.
Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.
The deck shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

Note:
See Roadway Plans for Temporary Concrete Barrier quantities.

TOTAL BILL OF MATERIAL

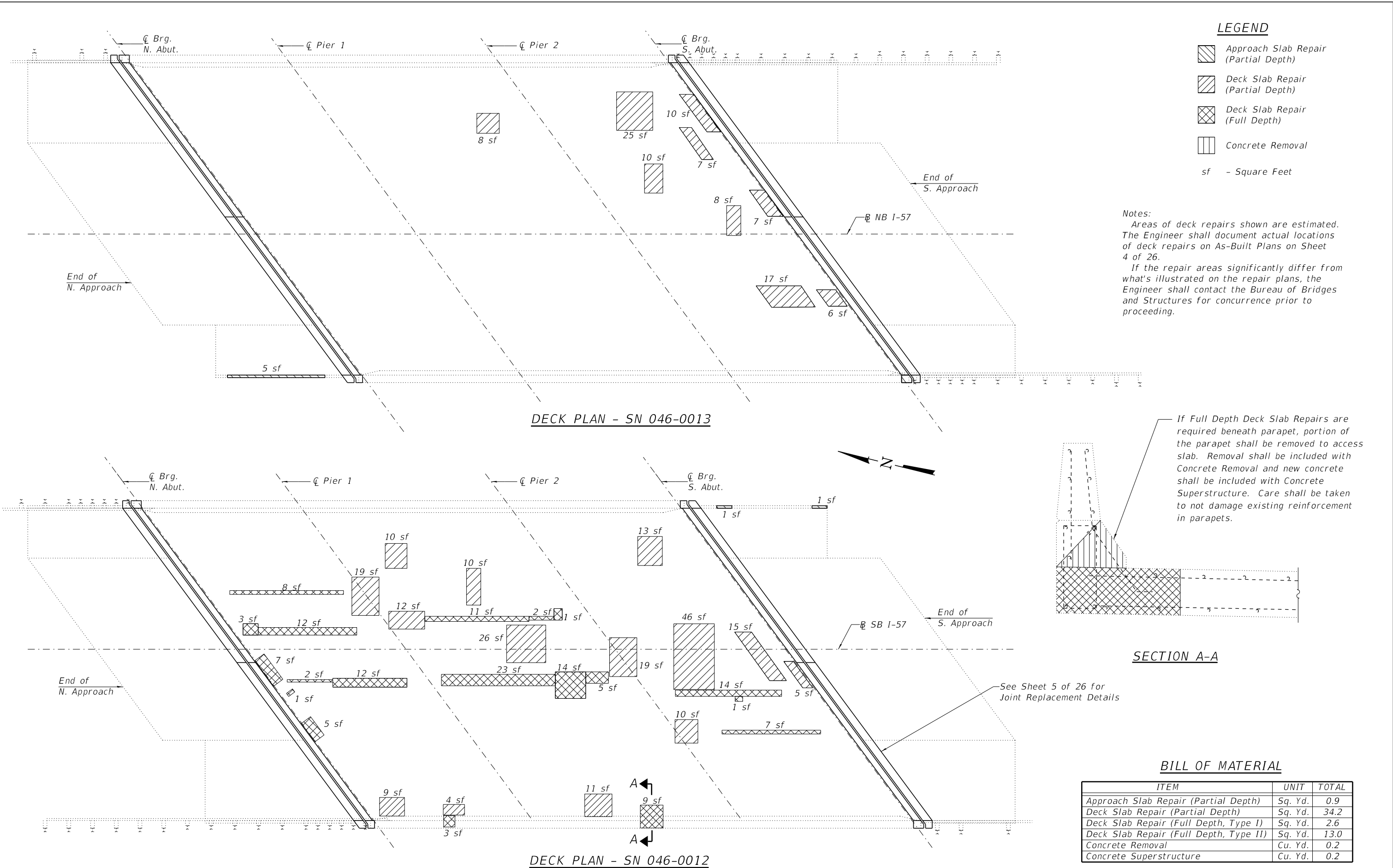
ITEM	UNIT	SN 046-0012	SN 046-0013	TOTAL
Concrete Removal	Cu. Yd.	4.8	4.6	9.4
Concrete Superstructure	Cu. Yd.	4.9	4.7	9.6
* Protective Coat	Sq. Yd.	63	35	98
Reinforcement Bars, Epoxy Coated	Pound	720	720	1,440
Bar Splicers	Each	8	8	16
Preformed Joint Strip Seal	Foot	104.5	104.5	209
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	421	205	626
Deck Slab Repair (Partial Depth)	Sq. Yd.	23.3	10.9	34.2
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2.6	-	2.6
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	13.0	-	13.0
Approach Slab Repair (Partial Depth)	Sq. Yd.	0.3	0.6	0.9
Temporary Shoring and Cribbing	Each	4	1	5

*New concrete surface only.

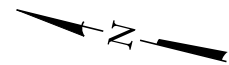
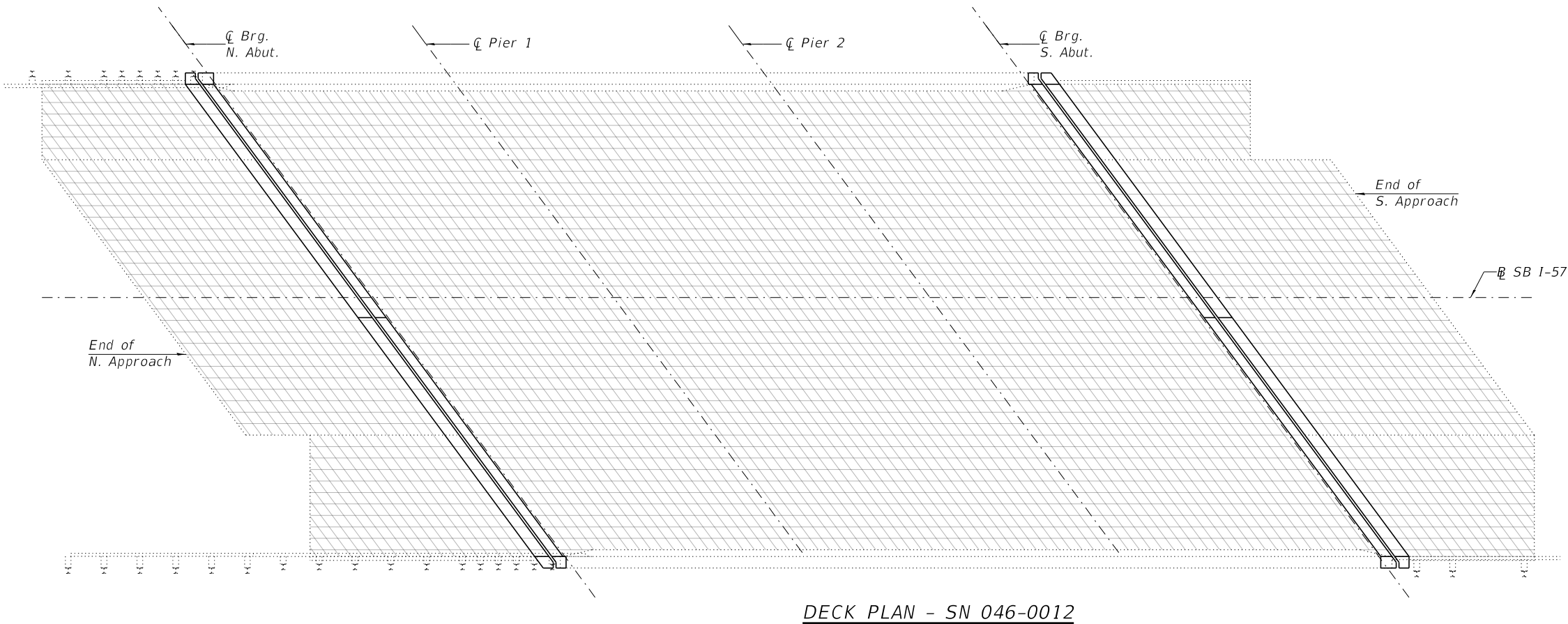
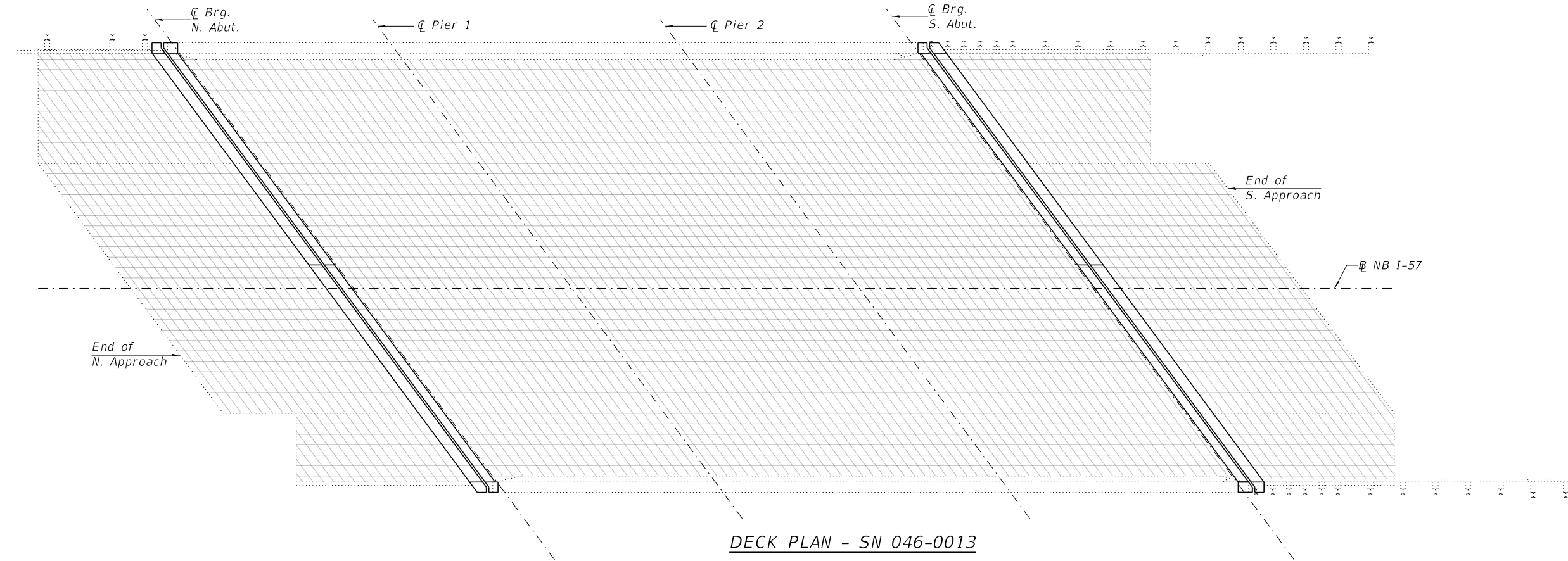
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CHECKED - VPT	REVISED -	
PLOT SCALE =	DRAWN - DAS	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	26	24
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

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BILL OF MATERIAL - AS BUILT

ITEM	UNIT	TOTAL
Approach Slab Repair (Partial Depth)	Sq. Yd.	
Deck Slab Repair (Partial Depth)	Sq. Yd.	
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	



USER NAME =	DESIGNED - MTH	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - DAS	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

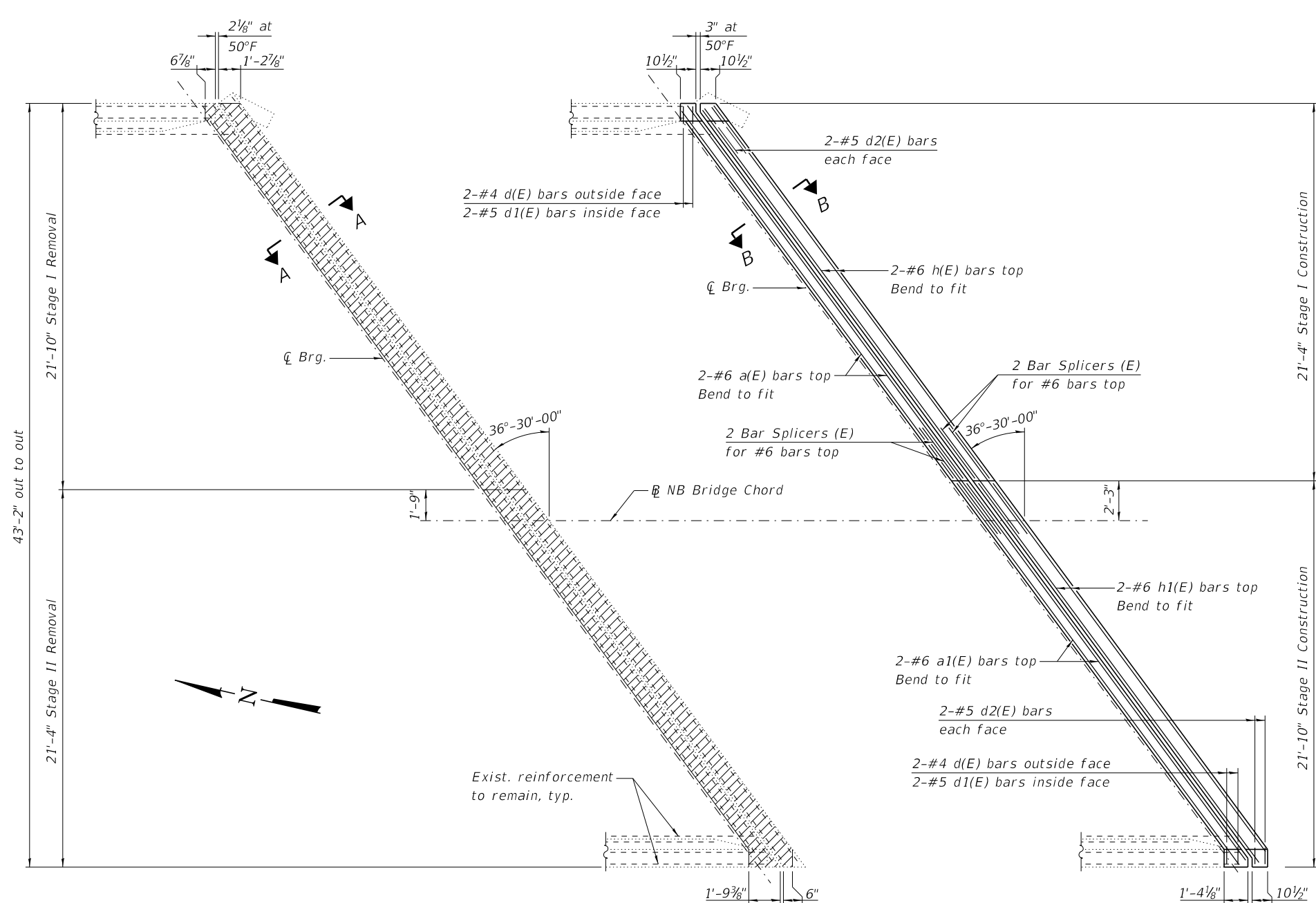
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK SLAB REPAIR PLAN - AS BUILT
STRUCTURE NOS. 046-0012 & 046-0013

SHEET 4 OF 26 SHEETS

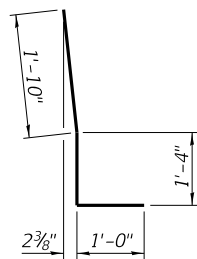
F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	26
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

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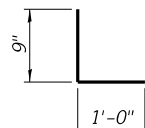


BILL OF MATERIAL (4 locations)

Bar	No.	Size	Length	Shape
a(E)	8	#6	26'-1"	—
a1(E)	8	#6	26'-9"	—
d(E)	16	#4	3'-0"	—
d1(E)	16	#5	4'-2"	L
d2(E)	32	#5	1'-9"	L
h(E)	8	#6	26'-1"	—
h1(E)	8	#6	26'-9"	—
Concrete Removal			Cu. Yd.	9.2
Concrete Superstructure			Cu. Yd.	9.4
Reinforcement Bars, Epoxy Coated			Pound	1,440



BAR d1(E)



BAR d2(E)

Notes:

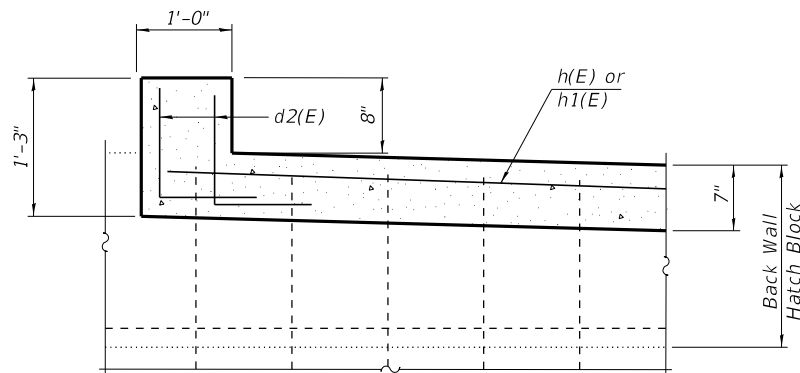
Hatched areas indicate removal.

Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.

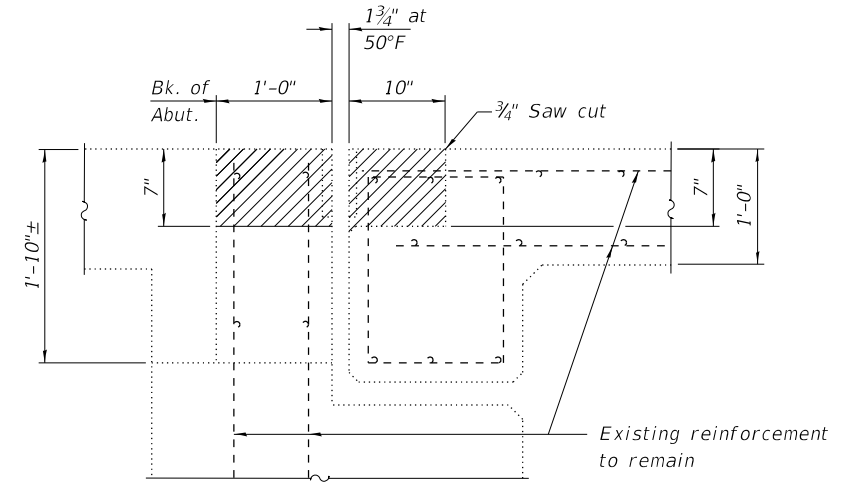
REMOVAL PLAN

South Abutment S.N. 046-0013 shown.
Other Abutments similar.

REPLACEMENT PLAN

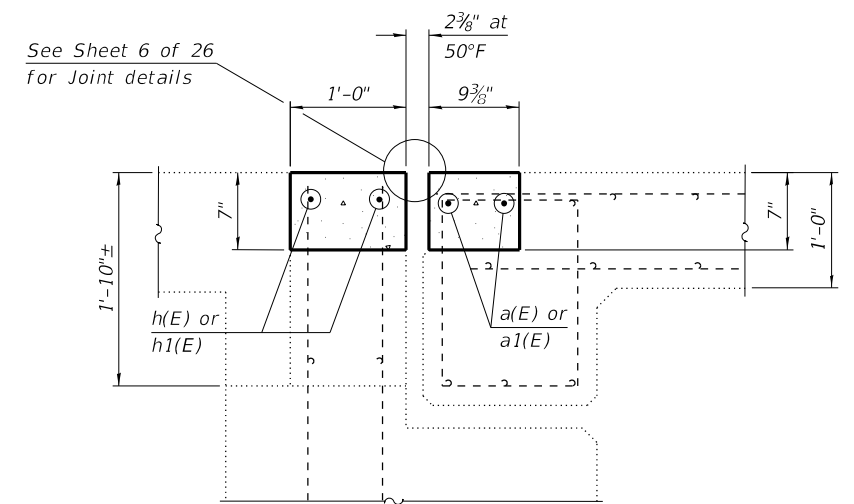


SECTION THRU APPROACH CURB



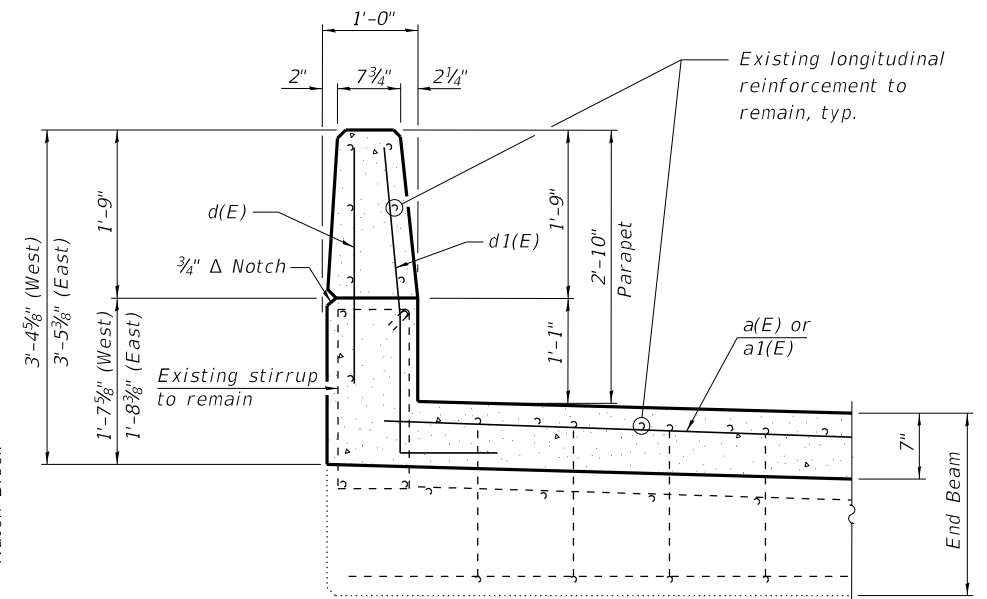
SECTION A-A

(Dimensions at right angles)



SECTION B-B

(Dimensions at right angles)



SECTION THRU PARAPET



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CHECKED - VPT	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - DAS	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

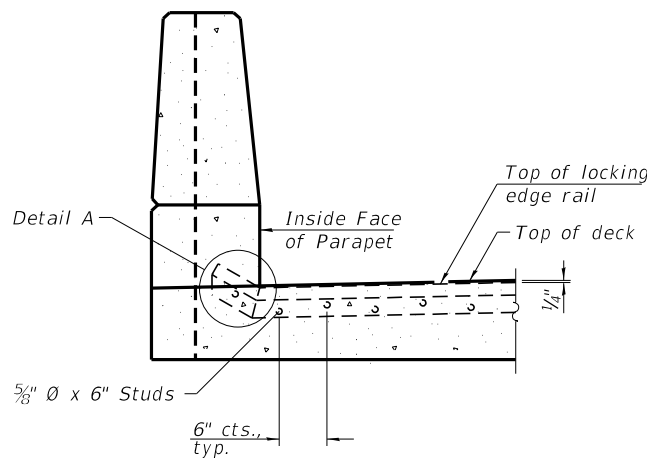
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REPLACEMENT DETAILS
STRUCTURE NOS. 046-0012 & 046-0013

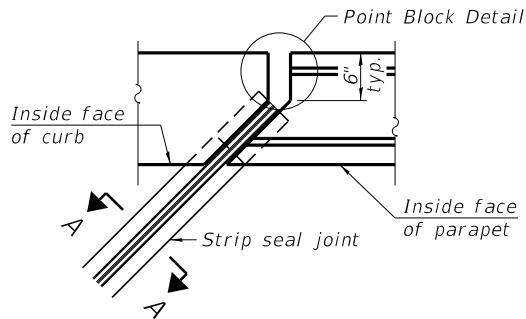
SHEET 5 OF 26 SHEETS

F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-38I	KANKAKEE	26	27
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

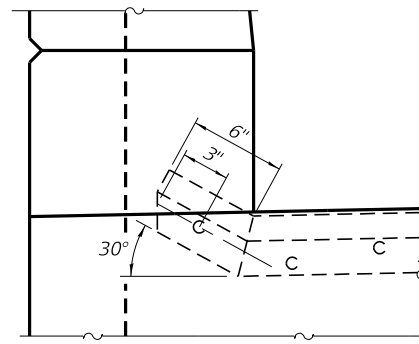
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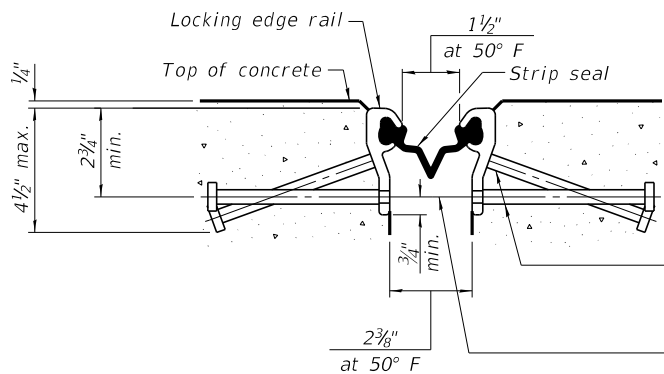
ELEVATION AT PARAPET



PLAN AT PARAPET



DETAIL A



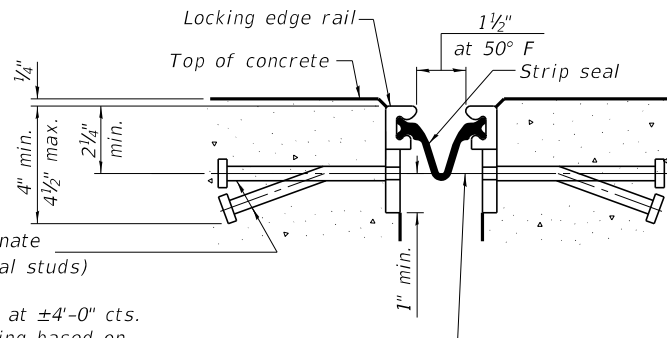
SHOWING ROLLED RAIL JOINT

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

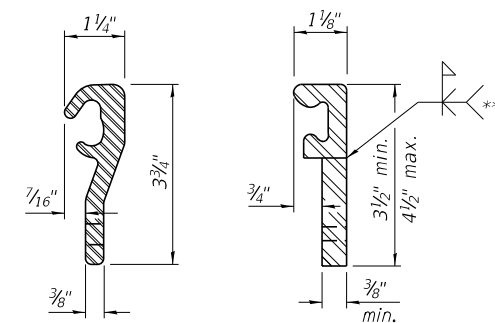
$\frac{3}{8}$ " $\varnothing$ threaded rods in $\frac{7}{16}$ " $\varnothing$ holes at ± 4 "-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

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

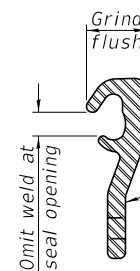


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

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

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	209.0



USER NAME =	DESIGNED - MTH	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - DAS	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

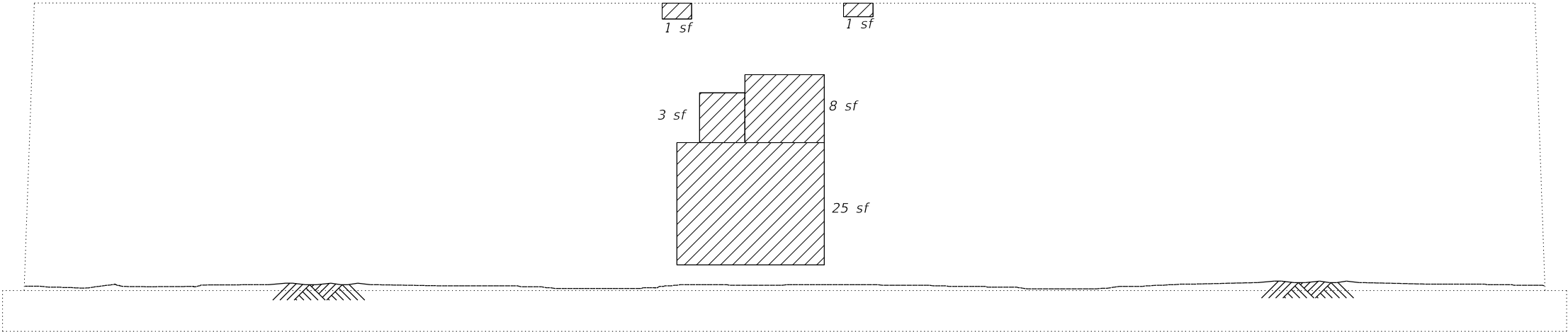
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NOS. 046-0012 & 046-0013

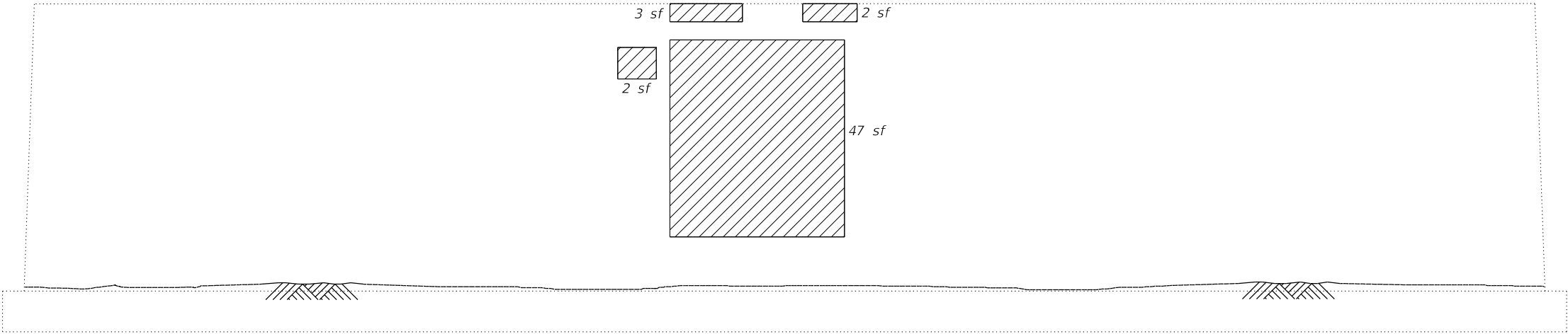
SHEET 6 OF 26 SHEETS

F&I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-38I	KANKAKEE	76	28
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

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PIER 1 ELEVATION
(Looking North)



PIER 1 ELEVATION
(Looking South)

LEGEND



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

sf Square Feet

Note:
Repair of existing pier shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at time of construction.

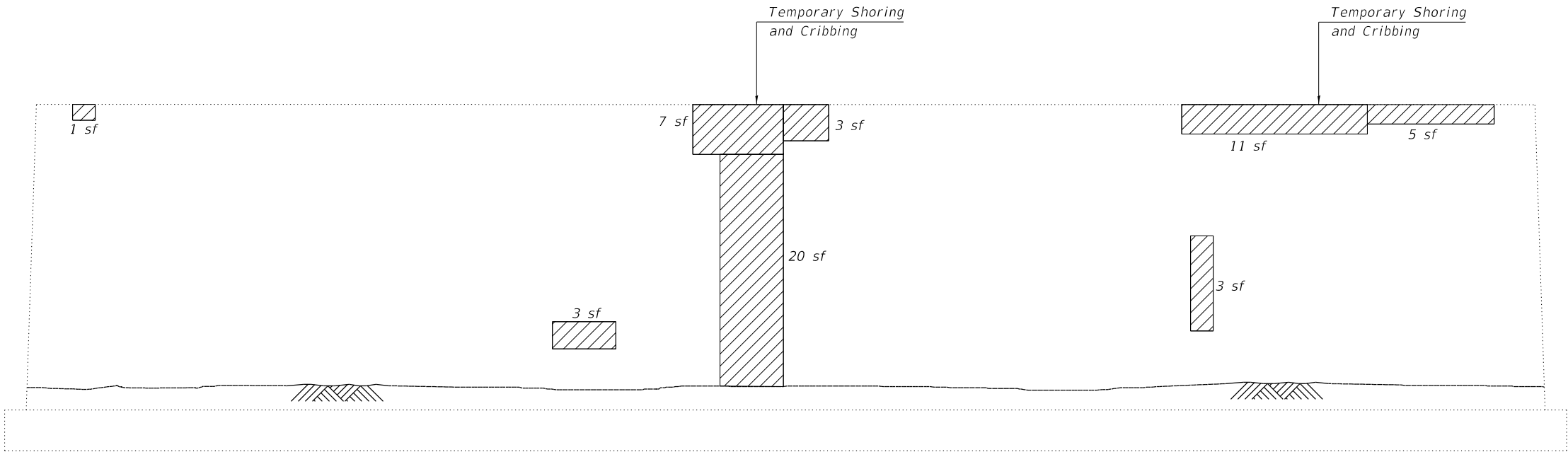
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	92

USER NAME =	DESIGNED - MTH	REVISED -
	CHECKED - VPT	REVISED -
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PLOT DATE =	CHECKED - MTH	REVISED -

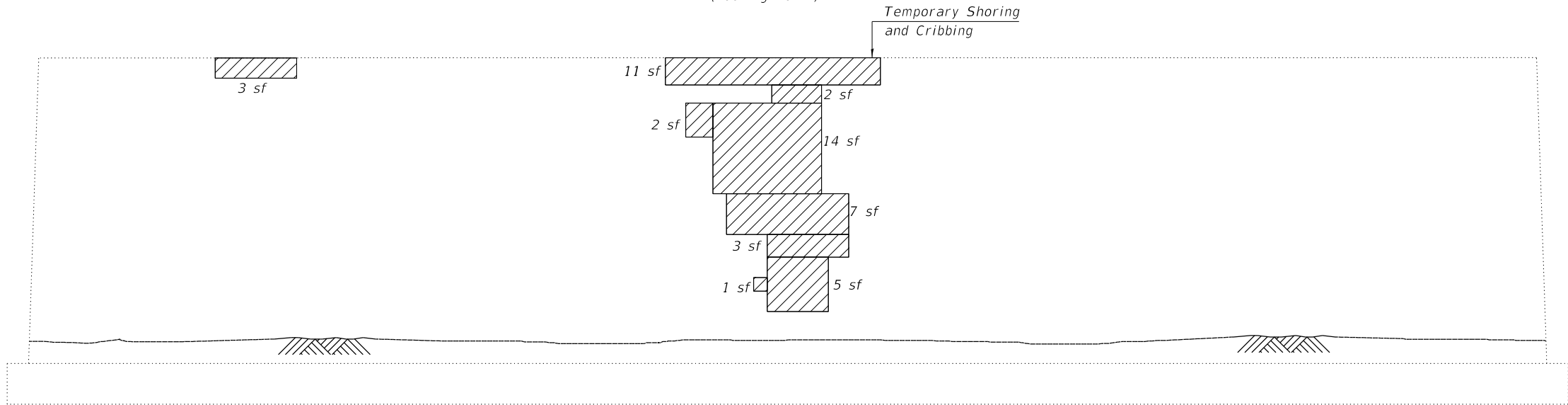
F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	29
		CONTRACT NO. 66E67		
		ILLINOIS	FED. AID PROJECT	

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PIER 2 ELEVATION

(Looking North)



PIER 2 ELEVATION

(Looking South)

LEGEND



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

sf Square Feet

Note:
Repair of existing pier shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at time of construction.

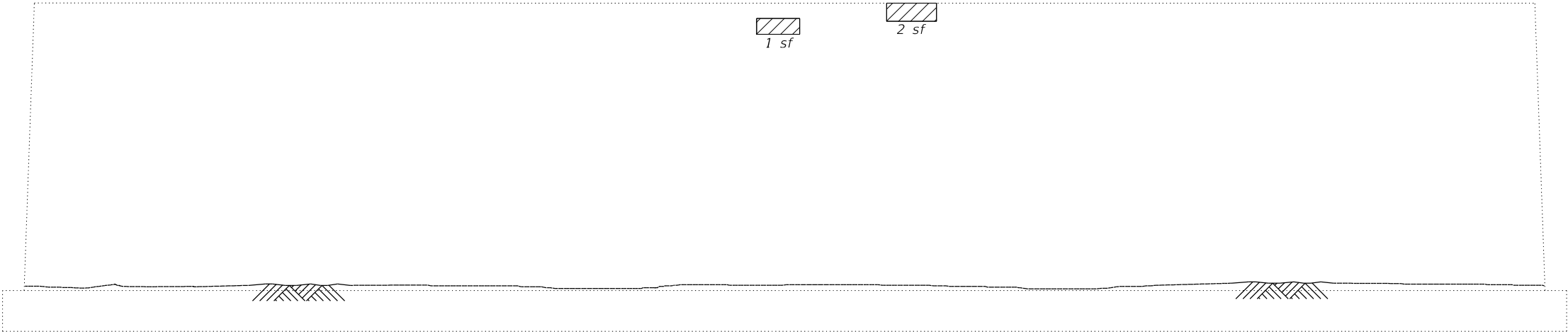
**BEARING
REACTION TABLE**

Dead Load	30.8 kips
Live Load + Impact	37.0 kips

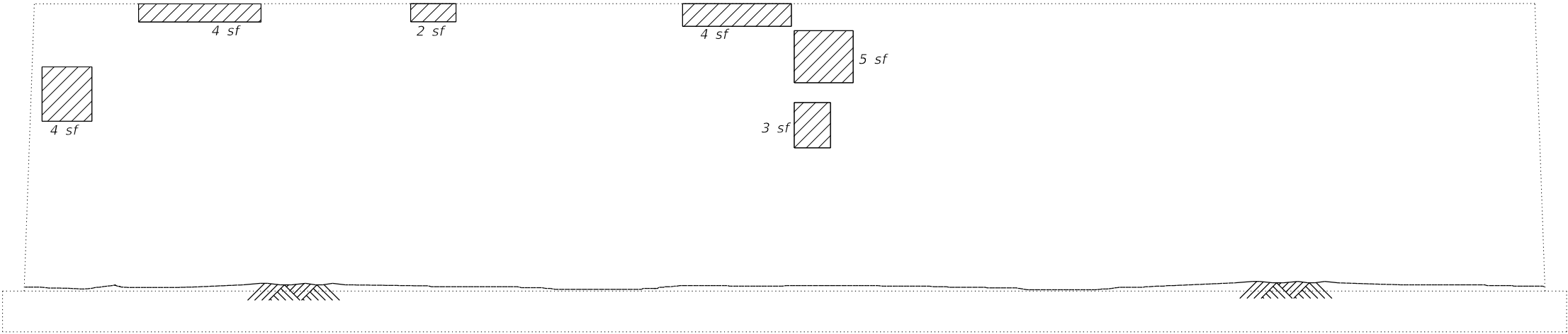
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	101
Temporary Shoring and Cribbing	Each	3

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PIER 1 ELEVATION
(Looking North)



PIER 1 ELEVATION
(Looking South)

LEGEND



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

sf Square Feet

Note:
Repair of existing pier shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at time of construction.

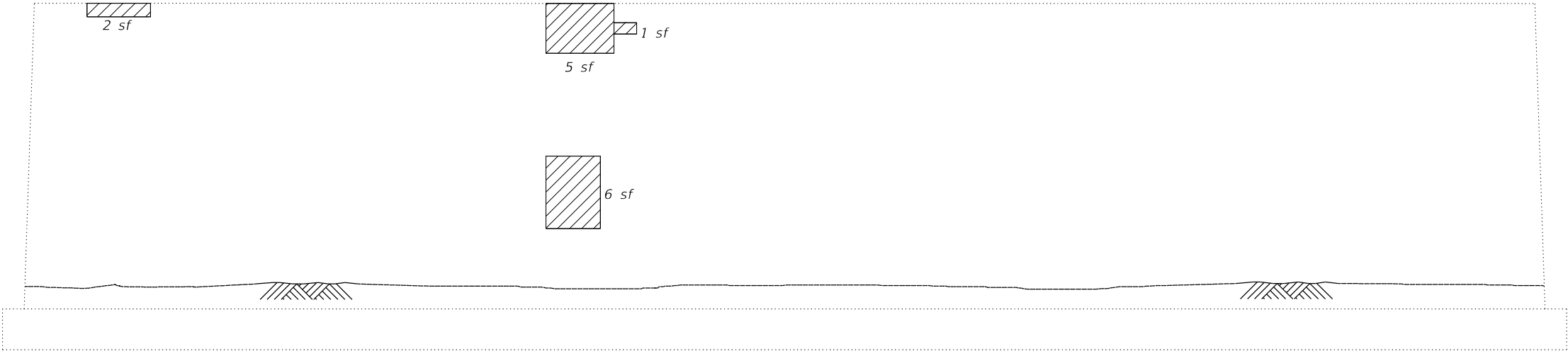
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	25

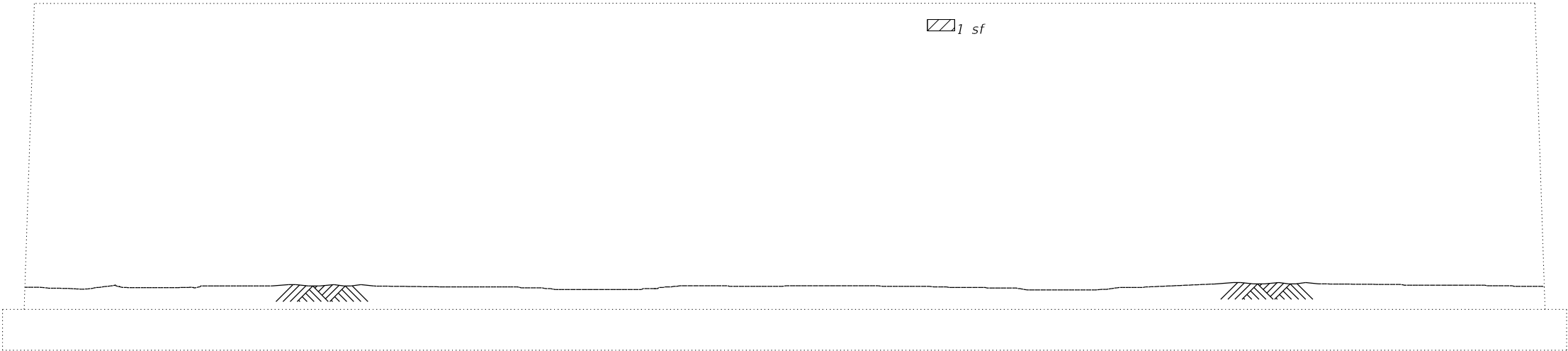
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PLOT SCALE =	DRAWN - DAS	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	31
CONTRACT NO. 66E67				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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PIER 2 ELEVATION
(Looking North)



PIER 2 ELEVATION
(Looking South)

LEGEND



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

sf Square Feet

Note:
Repair of existing pier shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at time of construction.

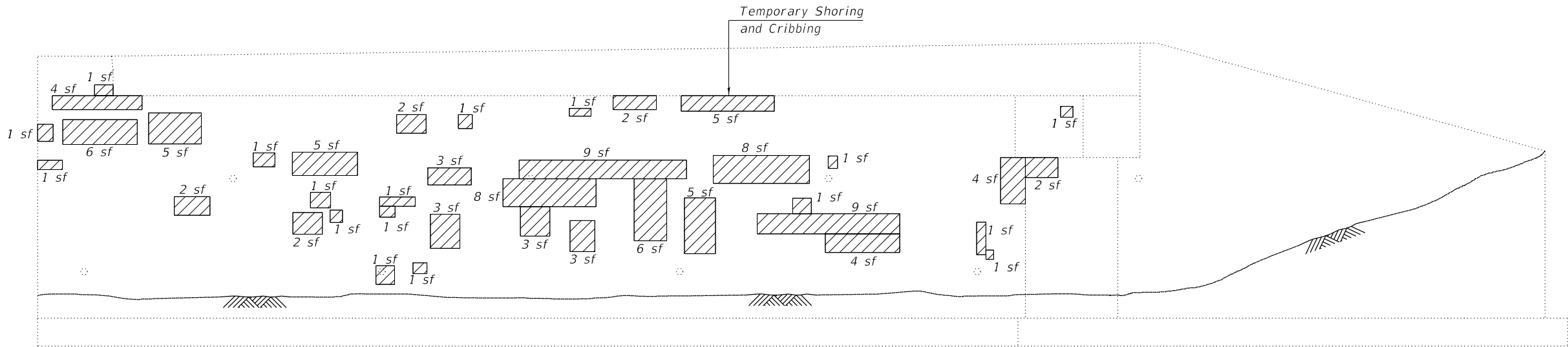
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	15

USER NAME =	DESIGNED - MTH	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - DAS	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

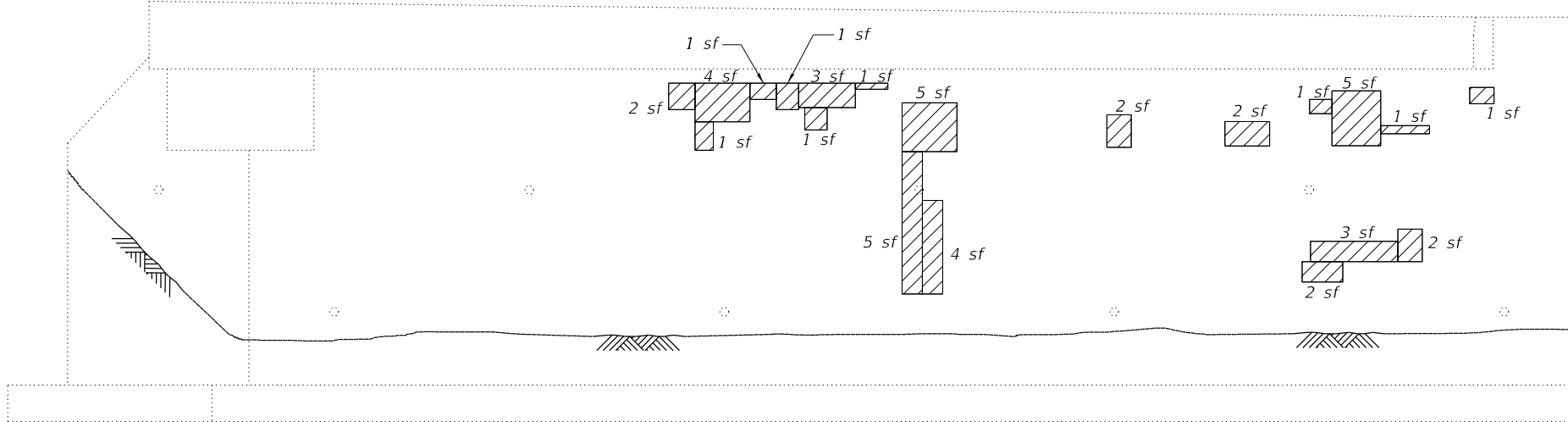
F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	32
CONTRACT NO. 66E67				
ILLINOIS		FED. AID PROJECT		

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ELEVATION

(North Abutment)



ELEVATION

(South Abutment)

LEGEND



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

sf Square Feet

Note:

Repair of existing abutments shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at time of construction.

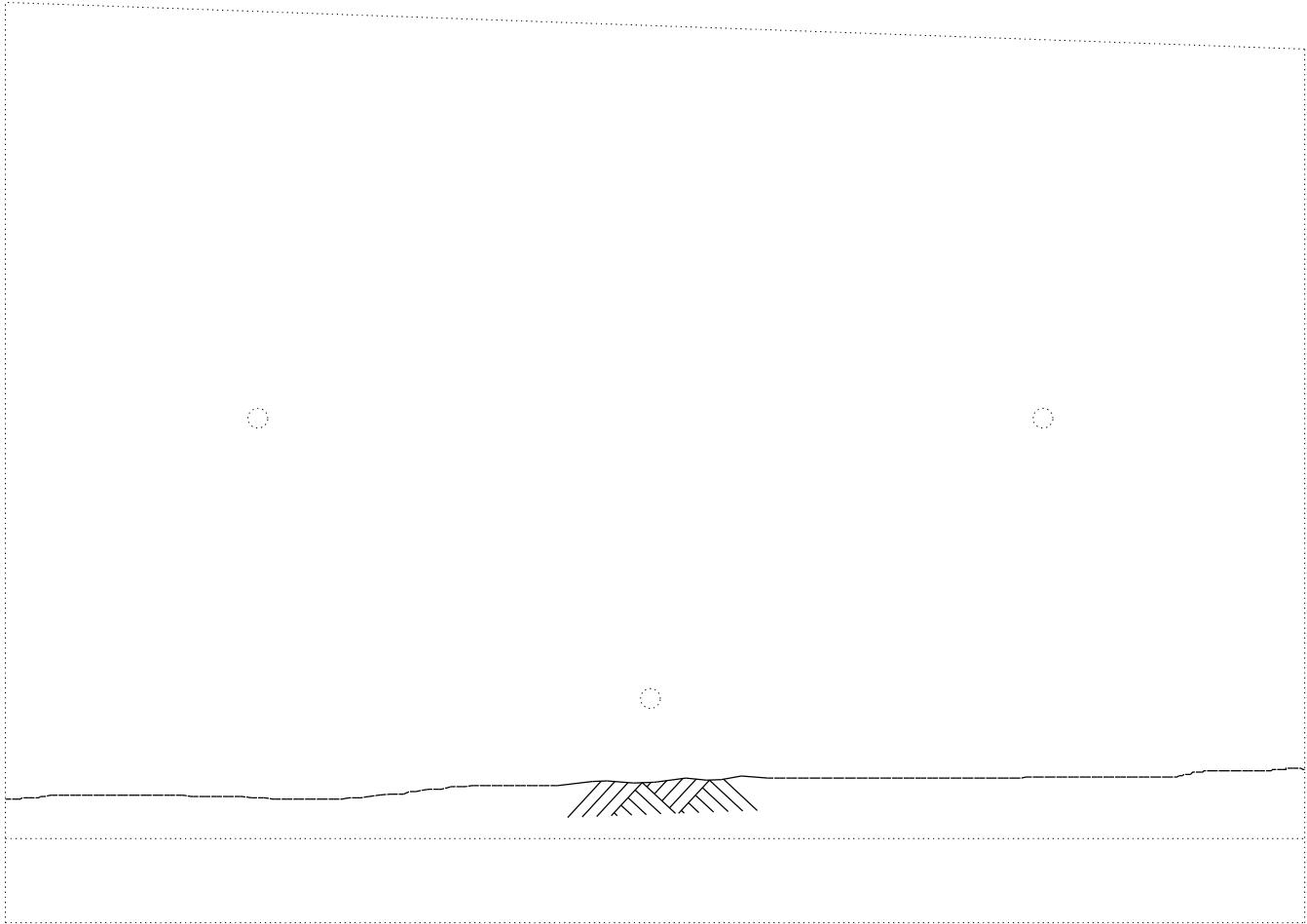
**BEARING
REACTION TABLE**

Dead Load	10.7 kips
Live Load + Impact	29.3 kips

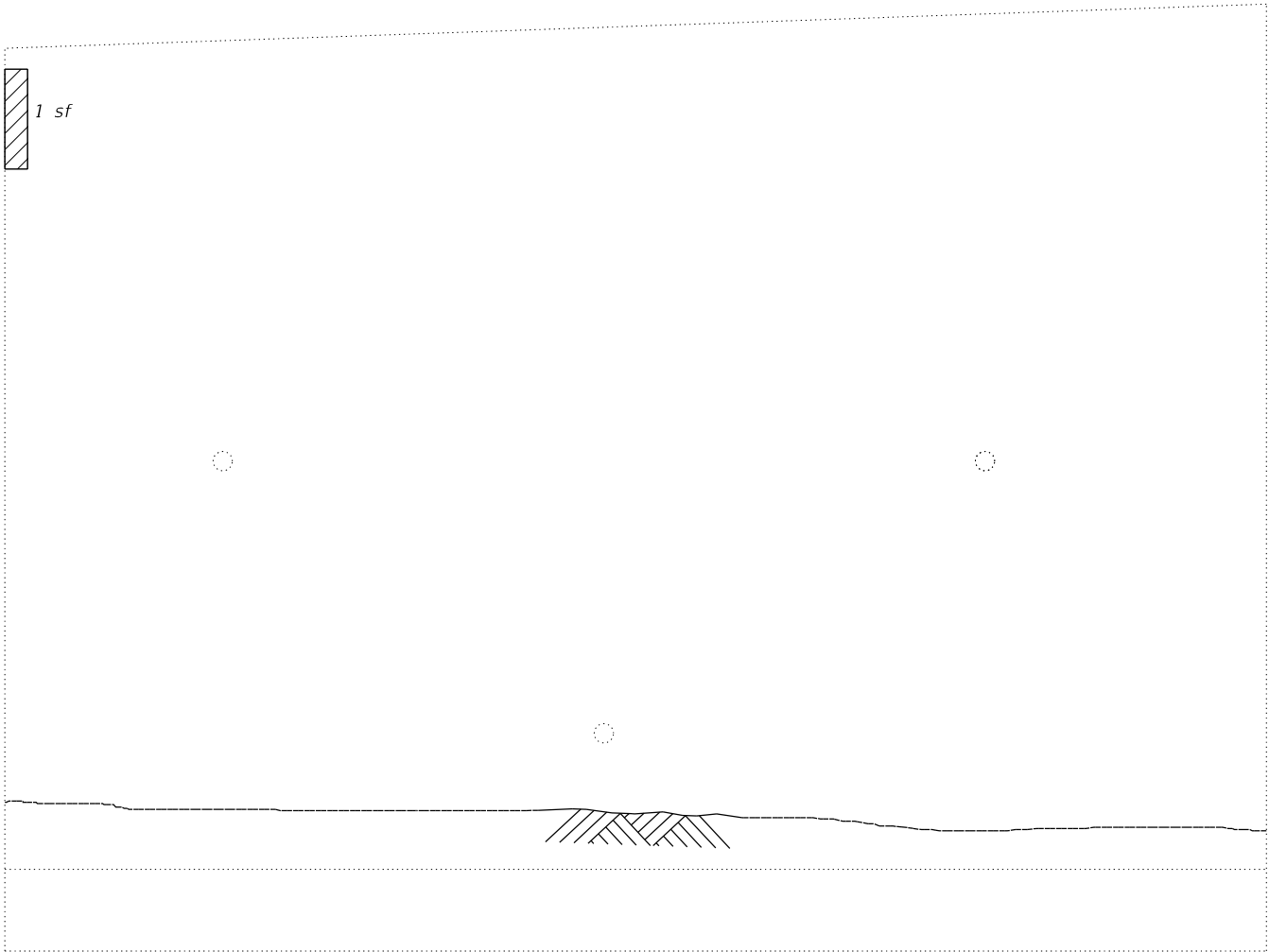
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	164
Temporary Shoring and Cribbing	Each	1

MODEL: Default
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NORTH RETAINING WALL



SOUTH RETAINING WALL

LEGEND



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

sf Square Feet

Note:
Repair of existing walls shall include but may not be limited to the areas shown. The actual areas to be repaired shall be determined by the Engineer at time of construction.

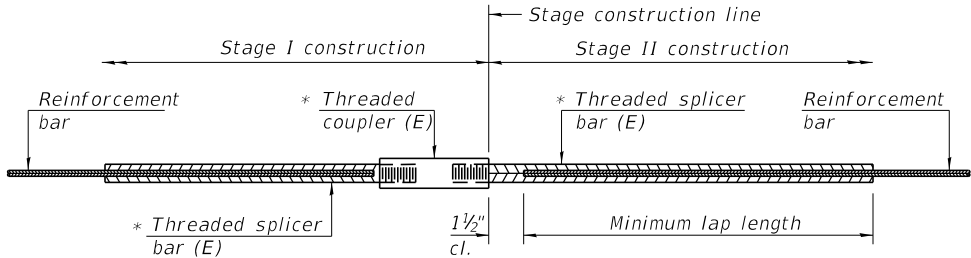
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	1

USER NAME =	DESIGNED - MTH	REVISED -
	CHECKED - VPT	REVISED -
PLOT SCALE =	DRAWN - DAS	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	35
CONTRACT NO. 66E67				
ILLINOIS		FED. AID PROJECT		

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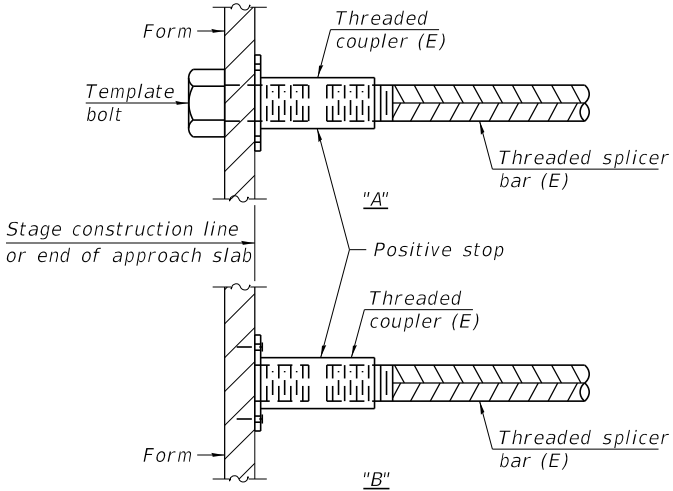


STANDARD BAR SPLICER ASSEMBLY

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

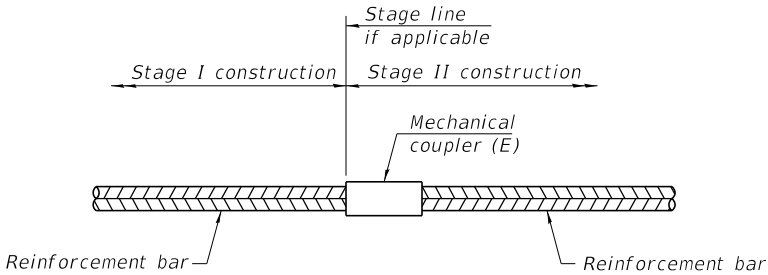
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Abutments	#6	16	4'-0"



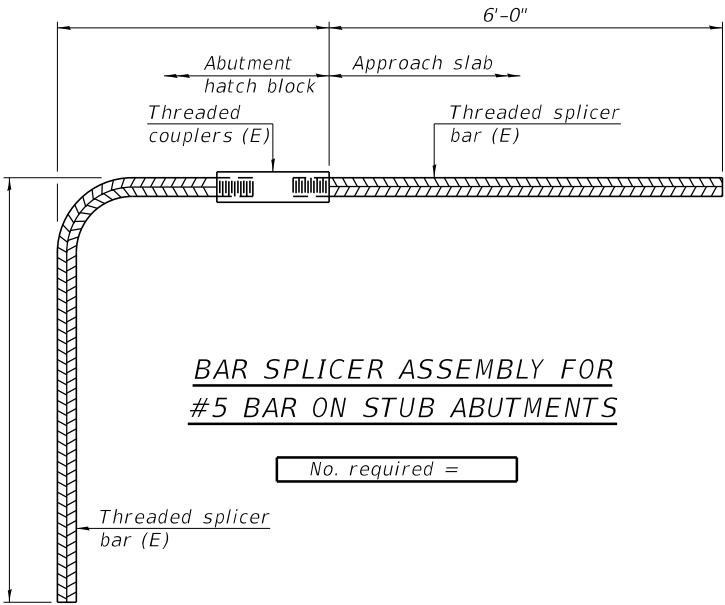
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

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

BSD-1

2-17-2017



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PLOT DATE =	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NOS. 046-0012 & 046-0013

SHEET 14 OF 26 SHEETS

F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	36
CONTRACT NO. 66E67				
ILLINOIS		FED. AID PROJECT		

Benchmark ~ 0.9' Rt. Sta. 91+76, Chiseled "D" on top of Retaining Wall, Elev. 267.05
Existing Structures: Sta. 92+06 built in 1935 as F.A. Rte. 20, Sec. 139 BR-2
Existing deck to be replaced and widened on new bearings as required. Widen and repair existing substructure. Utilize stage construction by building one bridge and two way traffic open at all times on the adjacent bridge. Existing Structure Nos. 046-0012 & 046-0013

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	139 BR-2	KANKAKEE	82	17
FED. ROAD DIST. NO. 7		ILLINOIS PROJECT	Sheet 1 of 11	

INDEX OF SHEETS

1. General Plan and Elevation
2. General Notes and Bill of Material
- 3-4. Superstructure
- 5-6. Drainage Details
7. Bearing and Expansion Details
- 8-10. Abutment Details
11. Special Railing Detail

STATION 92+06
REBUILT 198- BY
STATE OF ILLINOIS
F.A.I. RT. 57 SEC. 139 BR-2
F.A. PROJ. IR-57-6(150)
LOADING H920 & ALT.
STR. NO. 046-0012

LETTERING FOR NAME PLATE
SOUTHBOUND BRIDGE
See Std. 2113

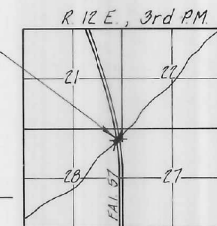
STATION 92+06
REBUILT 198- BY
STATE OF ILLINOIS
F.A.I. RT. 57 SEC. 139 BR-2
F.A. PROJ. IR-57-6(150)
LOADING H920 & ALT.
STR. NO. 046-0013

LETTERING FOR NAME PLATE
NORTHBOUND BRIDGE
See Std. 2113

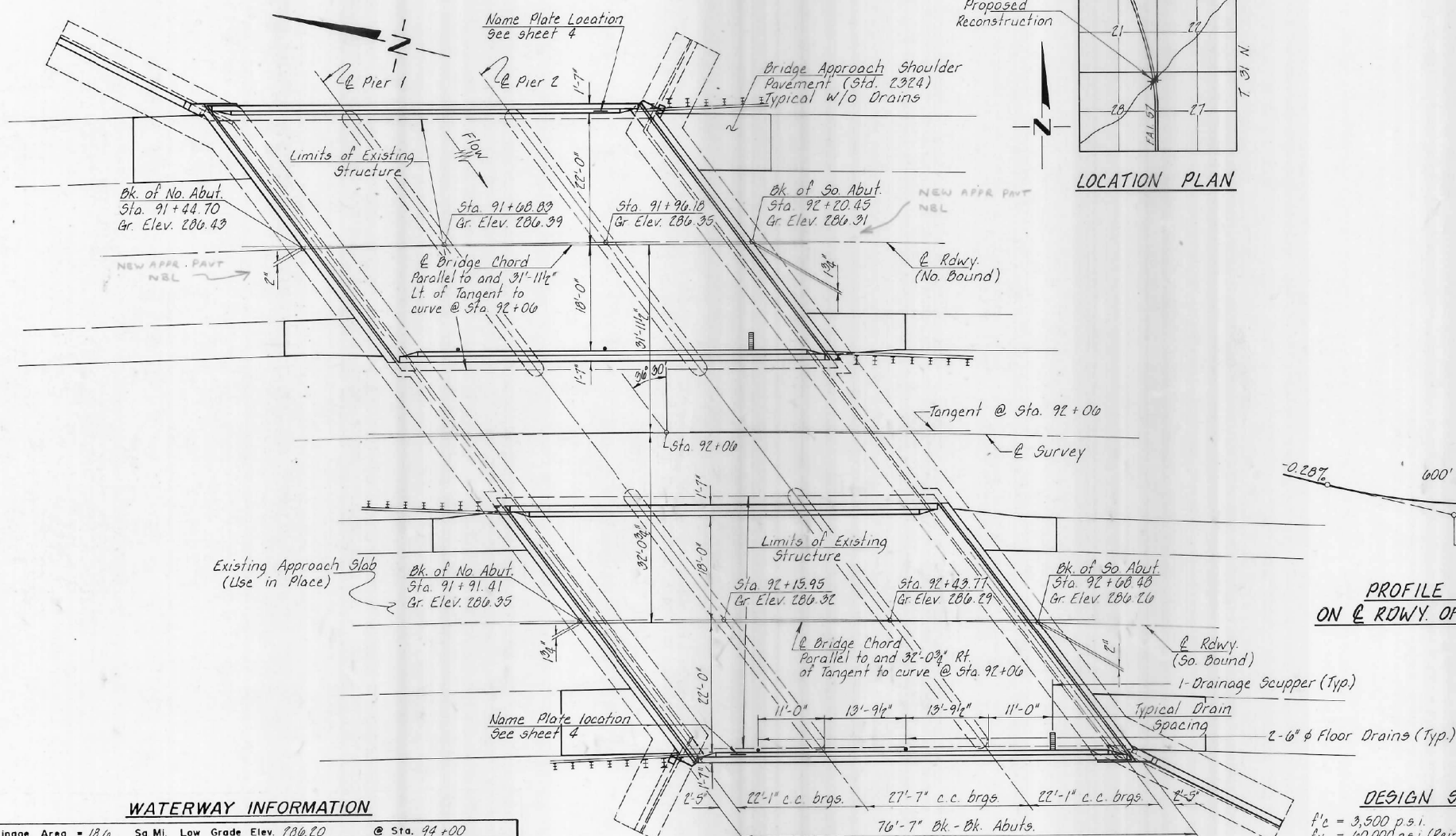
Note: Existing name plates shall be cleaned and relocated. New name plates. Cost shall be incidental to Name Plates. See sheet 4 for details.

Traffic Barrier Terminal, Type 6
(Typ. @ Approach Side Only)

ELEVATION



LOCATION PLAN



PROFILE GRADE ON & ROWY. OF EACH BRIDGE

FIELD CURVE DATA

P.I. Sta. 96+93.50
 $\Delta = 14^\circ 27' 44''$
 $D = 0^\circ 56' 47''$
 $R = 6,054.0'$
 $T = 708.14'$
 $L = 1,528.11'$
 $E = 48.54'$
 $SE = 0.02'/ft.$

WATERWAY INFORMATION

Drainage Area = 18.6		Sq. Mi.		Low Grade Elev. 266.20		@ Sta. 94+00	
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Not. H.W.E.	Head Ft.	Headwater Elev.	
			Exist.	Prop.	Exist.	Prop.	Exist.
Design	50	1,133	343	343	280.5	0.10	280.60
Base	100	1,291	371	371	281.1	0.12	281.22
Overtopping							
Max. Calc.	500	1,644		380	281.3	0.13	281.43

PLAN

DESIGN STRESSES

$f'_c = 3,500$ p.s.i.
 $f_y = 60,000$ p.s.i. (Reinforcement)
LOAD FACTOR
DESIGN
LOADING H920-44 & Alt. Military Loading
Design Specifications: 1983 AASHTO, 1984-8 Interims
25%/59 ft. included in dead load for future wearing surface.
 $f_y = 36,000$ p.s.i.

GENERAL PLAN & ELEVATION
F.A.I. ROUTE 57 OVER SOLDIER CREEK
SECTION 139 BR-2
KANKAKEE COUNTY
STATION 92+06

COLLINS AND RICE
CONSULTING ENGINEERS

DESIGNED J.K.K. CHECKED Z.B.U.
DRAWN M.B. & J.B. DATE 2-20-86 NO. 2006

SOLDIER CREEK 7/11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)
STRUCTURE NOS. 046-0012 & 046-0013

SHEET 15 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-381	KANKAKEE	76	37
CONTRACT NO. 66E67				

ILLINOIS FED. AID PROJECT

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	CHECKED - VPT	REVISED -
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PLOT DATE =	CHECKED - MTH	REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

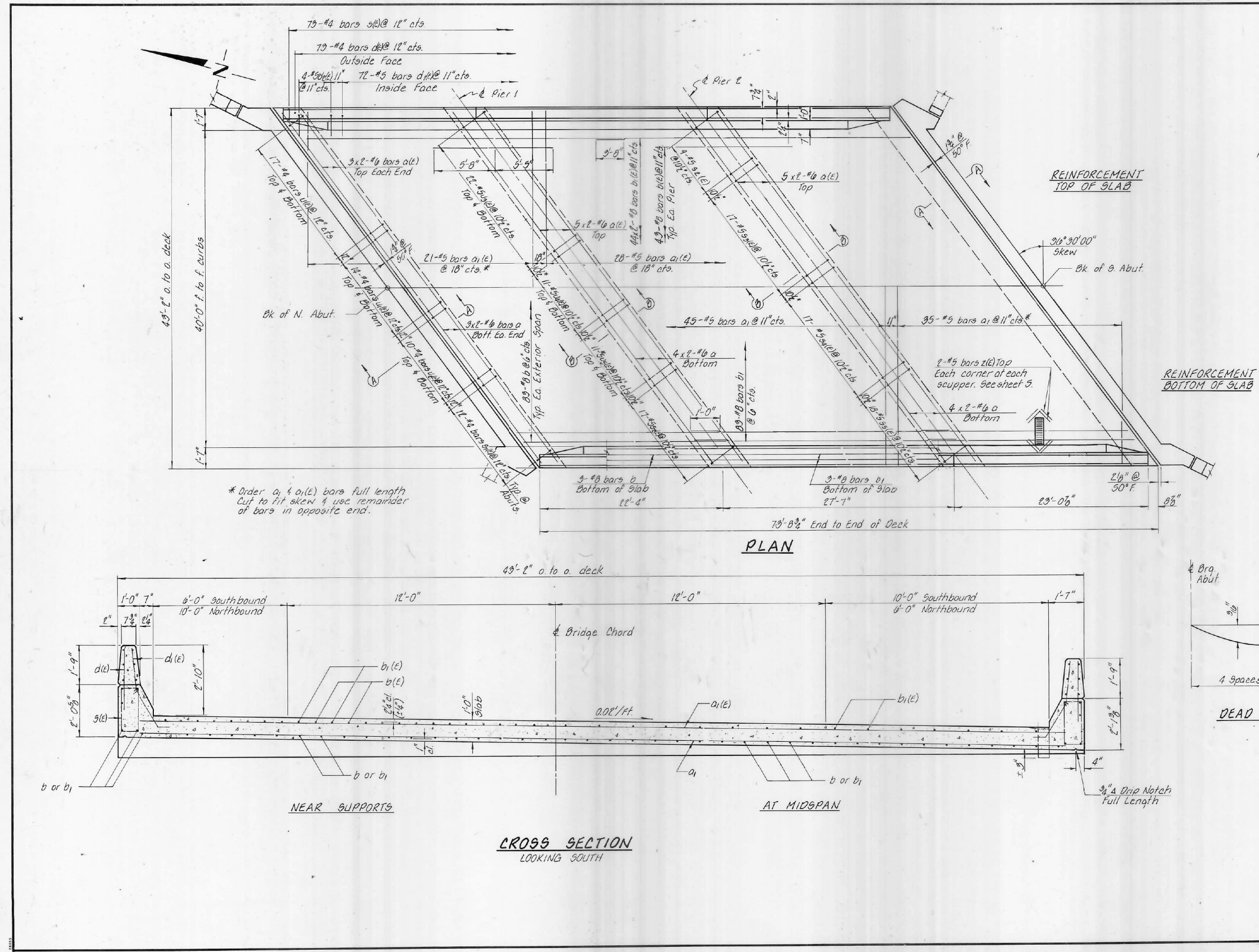
EXISTING PLANS (FOR INFORMATION ONLY)
STRUCTURE NOS. 046-0012 & 046-0013

SHEET 16 OF 26 SHEETS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-381	KANKAKEE	76	38
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	139 BR-2	KANKAKEE	82	19
ILLINOIS PROJECT				

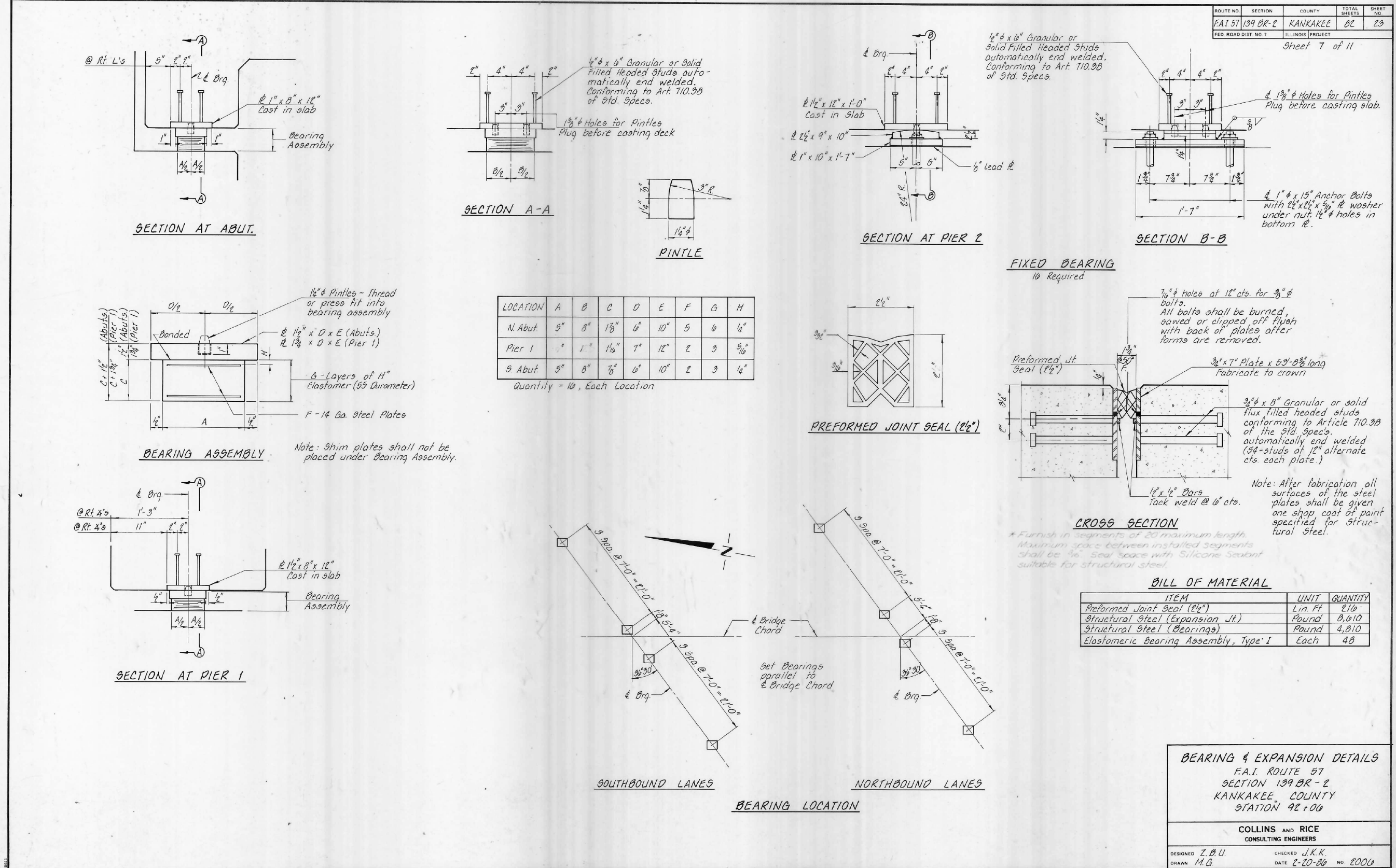
Sheet 3 of 11



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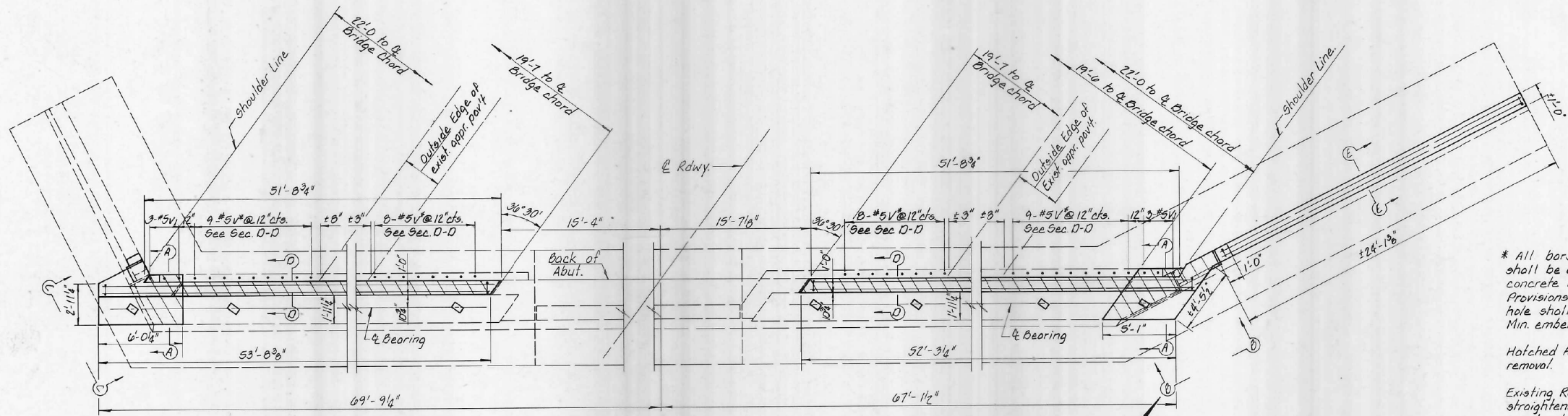
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F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-381	KANKAKEE	76	40
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	139 BR-2	KANKAKEE	22	24
FED. ROAD DIST. NO. 7			ILLINOIS PROJECT	

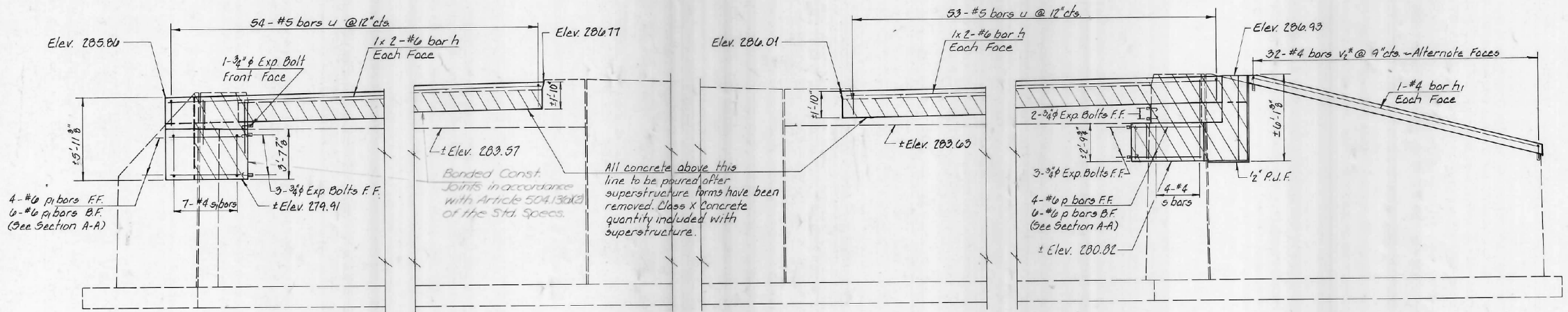
Sheet 8 of 11



PLAN ~ NORTH ABUTMENT

NOTES

- * All bars designated with an asterisk (*) shall be epoxy grouted into existing concrete in accordance with Special Provisions 85P-11. Min. diameter of drill hole shall be bar diameter plus 1/4". Min. embedment is 6".
- Hatched Area indicates area of concrete removal.
- Existing Reinforcement to be cleaned, straightened and incorporated in new construction.
- Set new bearing seat elevation flush with existing seat elevation.



ELEVATION ~ NORTH ABUTMENT
(Looking North)

MIN. BAR LAP
#6 _____ 2'-1"

Work this sheet with sheet 10.

NORTH ABUTMENT	
F.A.I. ROUTE 57	
SECTION 139 BR-2	
KANKAKEE COUNTY	
STATION 92+00	
COLLINS AND RICE	
CONSULTING ENGINEERS	
DESIGNED J.K.K.	CHECKED Z.B.U.
DRAWN K.G.	DATE 2-20-86 NO. 2006

SOLDIER CREEK 8/11

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LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

USER NAME =	DESIGNED - MTH	REVISED -
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PLOT DATE =	CHECKED - MTH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)
STRUCTURE NOS. 046-0012 & 046-0013

SHEET 19 OF 26 SHEETS

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-381	KANKAKEE	26	41
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

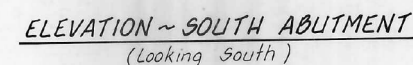
Sheet 9 of



* All bars designated with an asterisk (*) shall be epoxy grouted into existing concrete in accordance with Special Provision B3P-11. Min. diameter of drill hole shall be bar diameter plus 4". Min. embedment is 6".

Existing reinforcement to be cleaned,
straightened and incorporated in
new construction.

MIN. BAR LAP
#10 2'-1"



F.A.I. ROUTE 57
SECTION 139 BR-1
KANKAKEE COUNTY
STATION 92+06

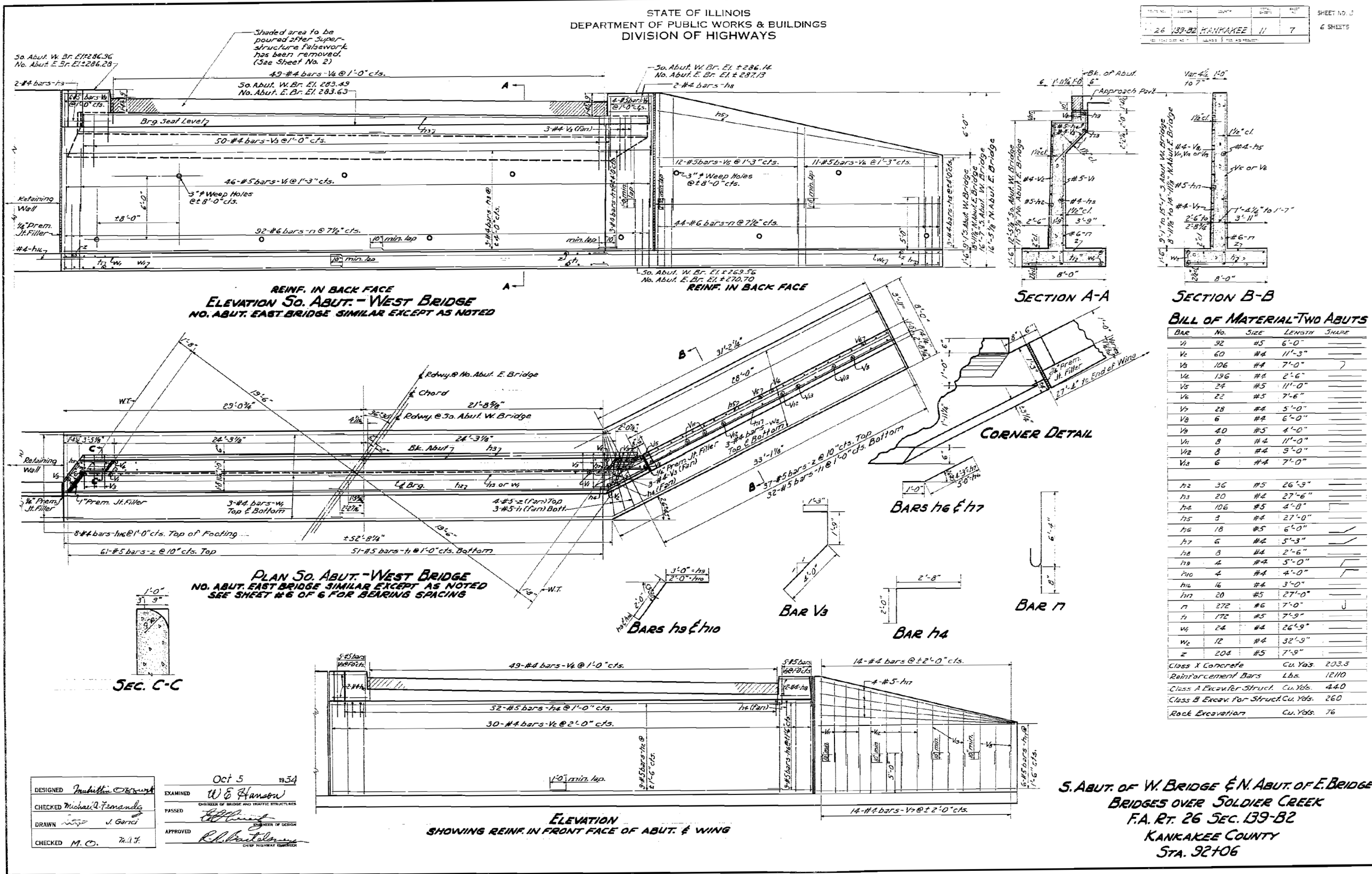
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DRAWN K.G. DATE 2-20-86 NO. 2006

SOLDIER CREEK 9/11

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CHECKED - VPT	CHECKED - VPT	CHECKED - VPT
DRAWN - DAS	DRAWN - DAS	DRAWN - DAS
CHECKED - MTH	CHECKED - MTH	CHECKED - MTH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-381	KANKAKEE	76	45
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



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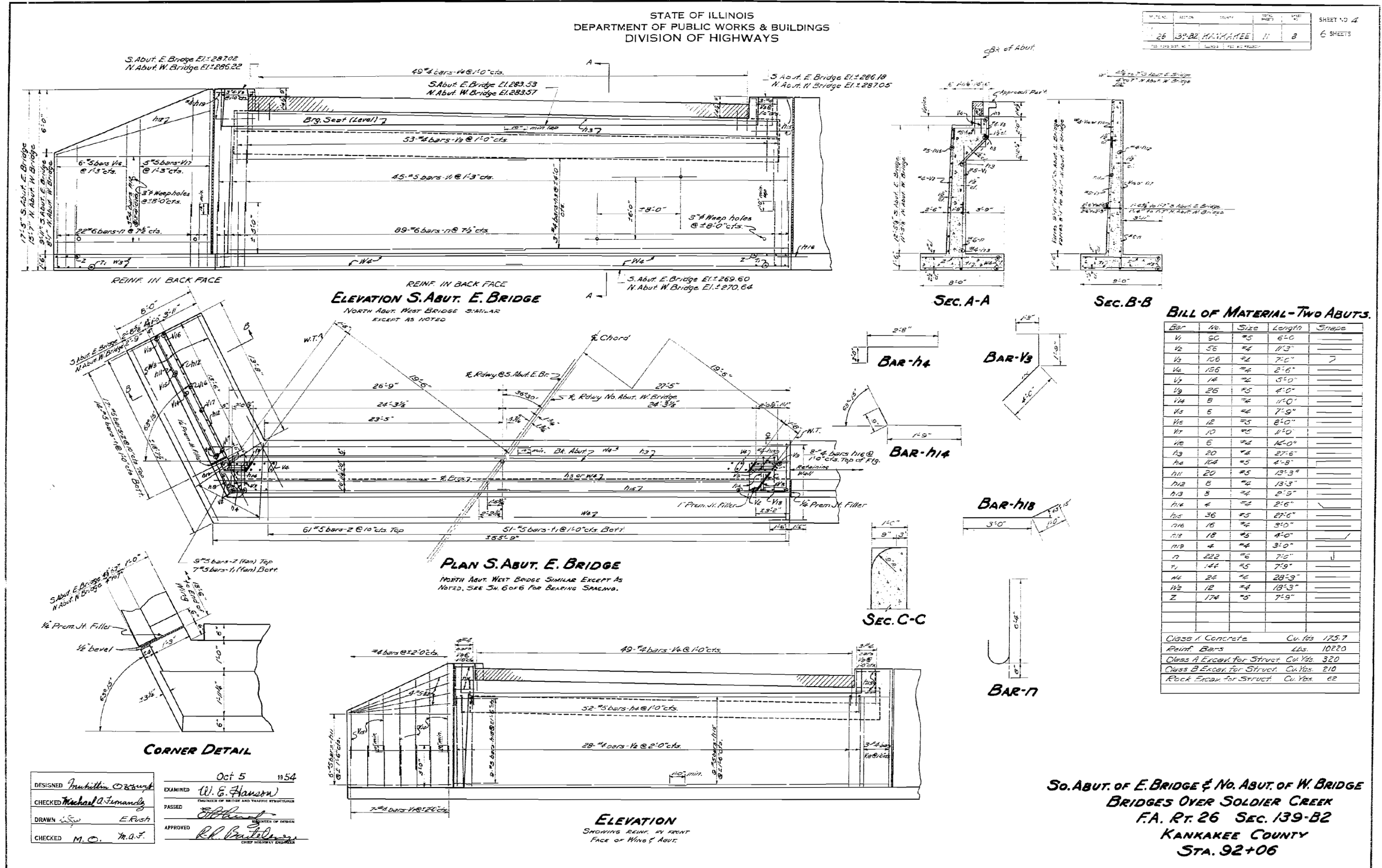
LE LIN ENGINEERING, LTD.
Consulting Engineers
Springfield, Illinois

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

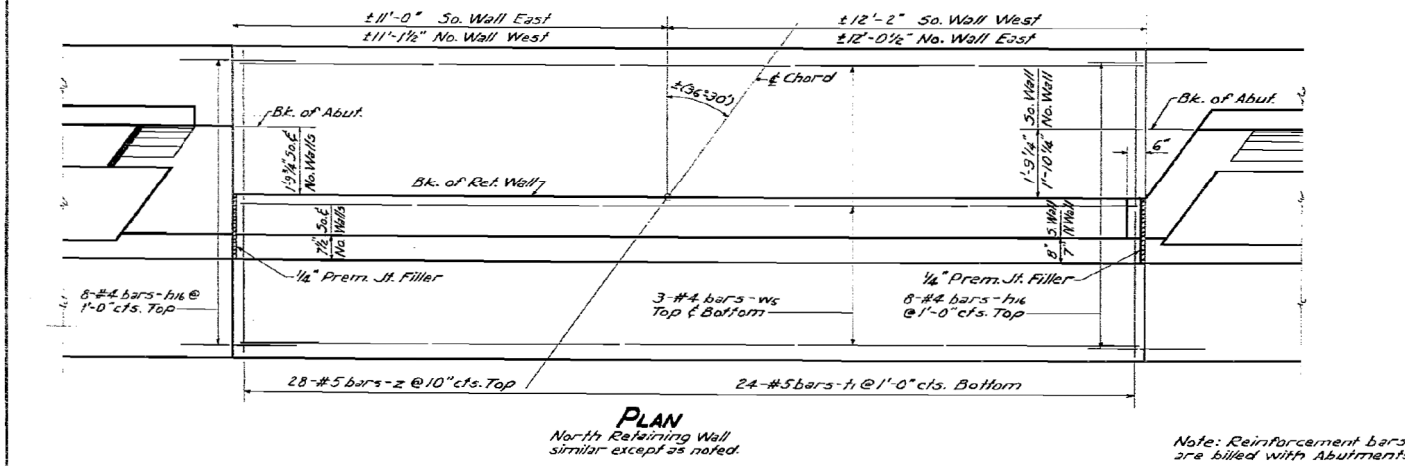
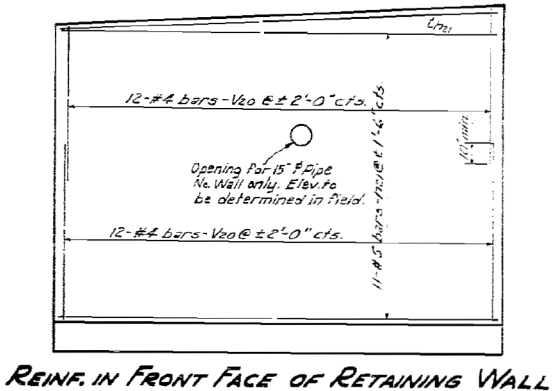
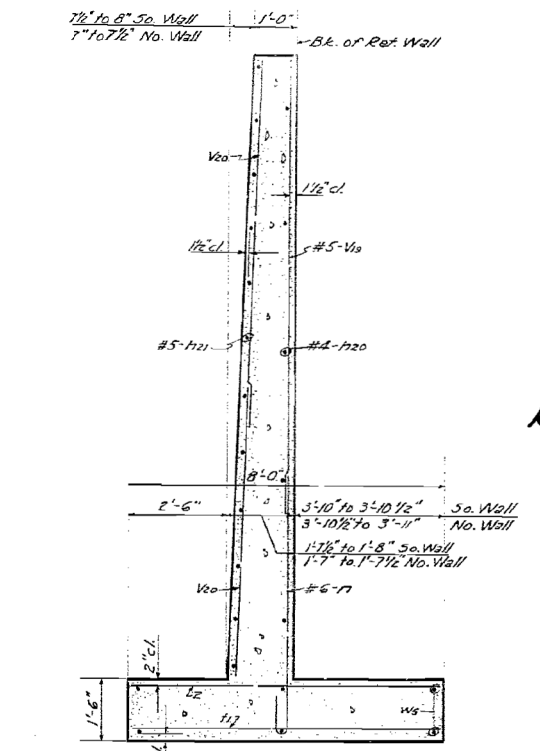
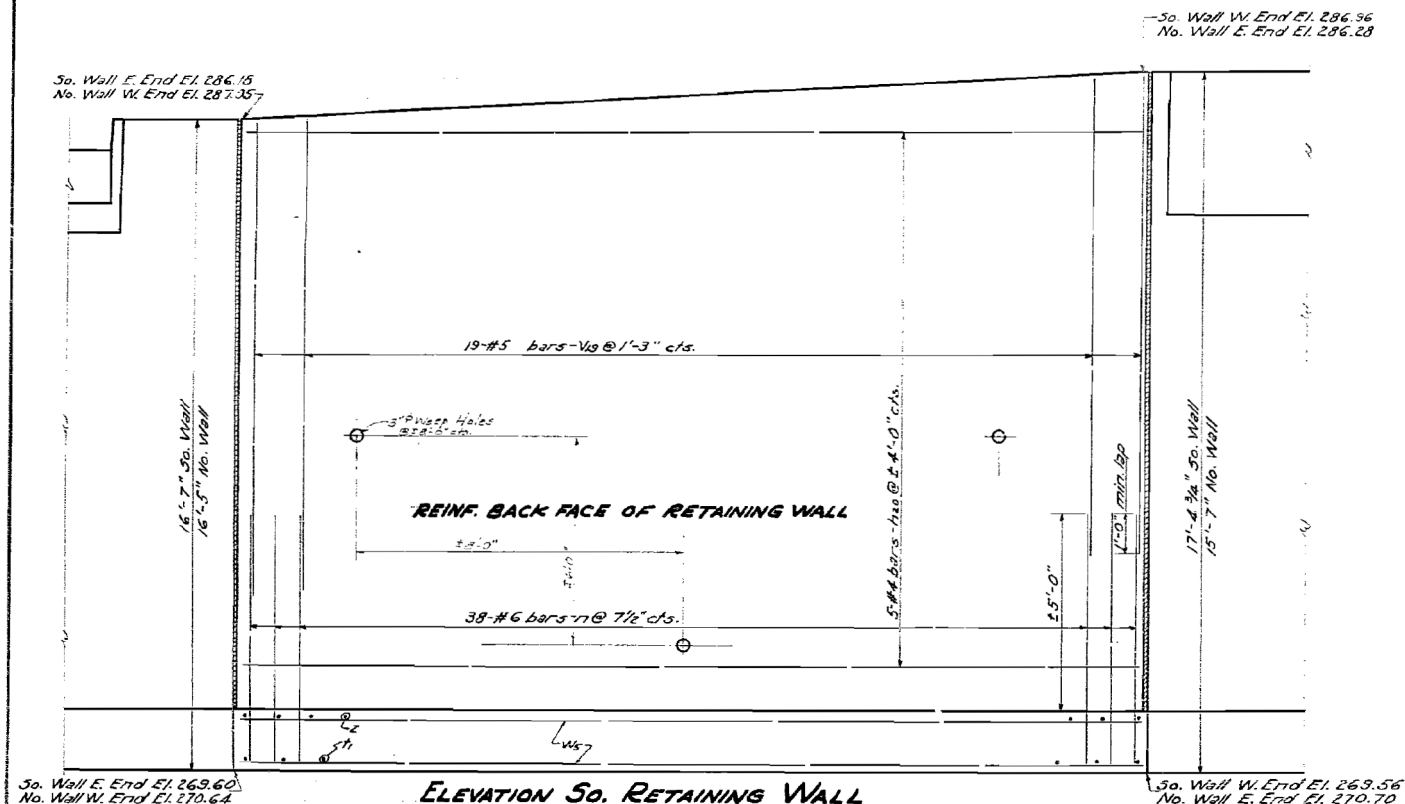
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STRUCTURE NOS. 046-0012 & 046-0013

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-381	KANKAKEE	76	46
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



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

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
26	139-B2	KANKAKEE	11	9
SHEET NO. 9				
6 SHEETS				



DESIGNED *Michael A. Farnham*
CHECKED *Michael A. Farnham*
DRAWN *J. Ganci*
CHECKED *M. O.*

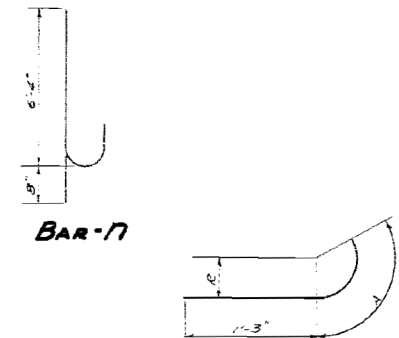
OCT 5 1954
EXAMINED *W. E. Hanson*
PASSED *W. E. Hanson*
APPROVED *R. B. Bantelme*

BILL OF MATERIAL-TWO RET. WALLS

BAR	NO.	SIZE	LENGTH	SHAPE
h20	10	#4	22'-9"	
h21	22	#5	22'-9"	
V19	38	#5	11'-9"	
V20	48	#4	8'-3"	
n	76	#6	7'-0"	
w5	12	#4	22'-5"	
n	48	#5	7'-9"	
z	56	#5	7'-9"	
Class X Concrete			Cu Yds.	54.4
Reinforcement Bars			Lbs.	3230
Class A Excavation for Struct.			Cu Yds.	95
Class B Excavation for Struct.			Cu Yds.	70
Rock Excavation for Struct.			Cu Yds.	21

No. 50. Retaining Walls
BRIDGES OVER SOLDIER CREEK
FA. RT. 26 SEC. 139 B-2
KANKAKEE COUNTY
STA. 92+06

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DETAIL OF BAR HI

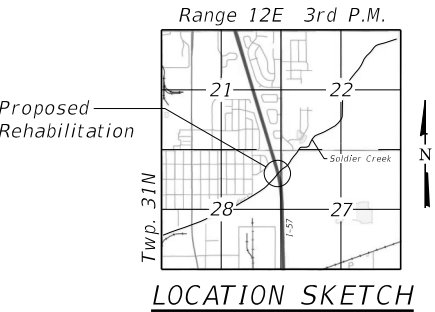
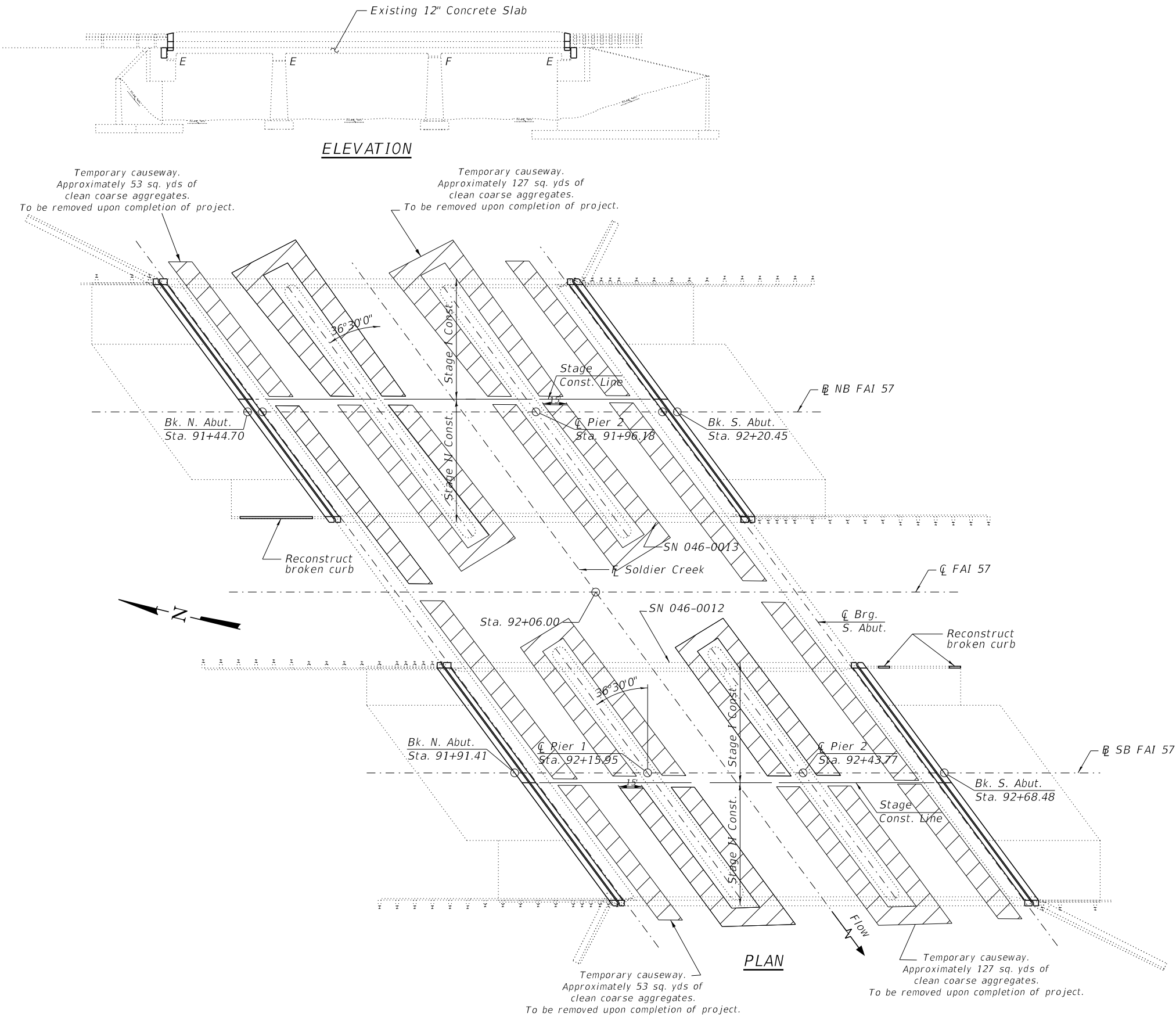
BILL OF MATERIAL - PIERS #1 & 2 E. & W. BRIDGE

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
4	464	#5	7'-3"	—	11	176	#5	21'-0"	—
7	464	#6	7'-0"	J	11	176	#5	4'-0"	—
7	232	#5	4'-6"	—					
11	40	#4	29'-0"	—					

Class 4 Concrete	Cu Yds.	316.0
Reinforcement Bars	Lbs	15960
Class B Excavation for Structures	Cu Yds.	24
Rock Excavation for Structures	Cu Yds.	60

PIERS 1&2
BRIDGES OVER SOLDIER CREEK
F.A. RTE.26 SEC.139-B2
KANKAKEE COUNTY
STA. 92+06

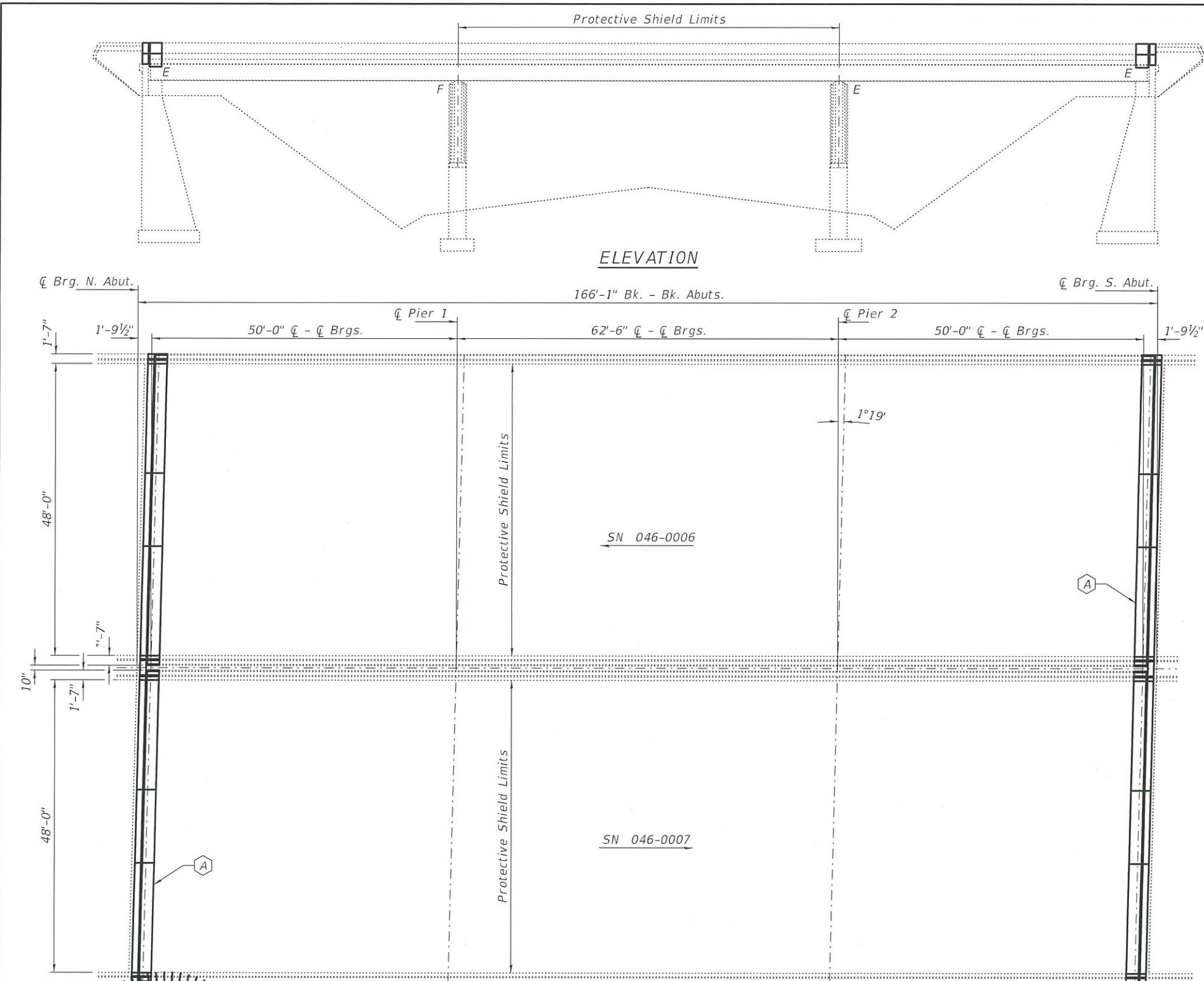
EXHIBIT



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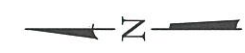
GENERAL PLAN AND ELEVATION
I-57 OVER SOLDIER CREEK
F.A.I. RTE. 57 - SEC. (46-2, 46-3) RS-3&I
KANKAKEE COUNTY
STATION 92+06.00
STRUCTURE NOS. 046-0012(SB) & 046-0013(NB)

	USER NAME = _____	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CAUSEWAY PLAN FOR INFORMATION ONLY	F.A.I RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - _____	REVISED - _____			57	(46-2, 46-3) RS-3&I	KANKAKEE	76	49
	PLOT SCALE = _____	DRAWN - _____	REVISED - _____			CONTRACT NO. 66E67				
	PLOT DATE = _____	CHECKED - _____	REVISED - _____			SHEET 1 OF 1 SHEETS				
						ILLINOIS FED. AID PROJECT				



GENERAL NOTES

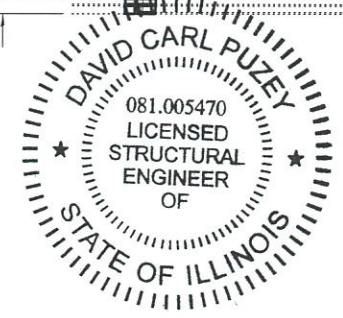
All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make 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.
Fasteners shall be high strength bolts. Bolts 7/8"Ø, open holes 1 1/16"Ø, unless otherwise noted.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on As-built Plans.
Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.
Reinforcement bars designated (E) shall be epoxy coated.
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.



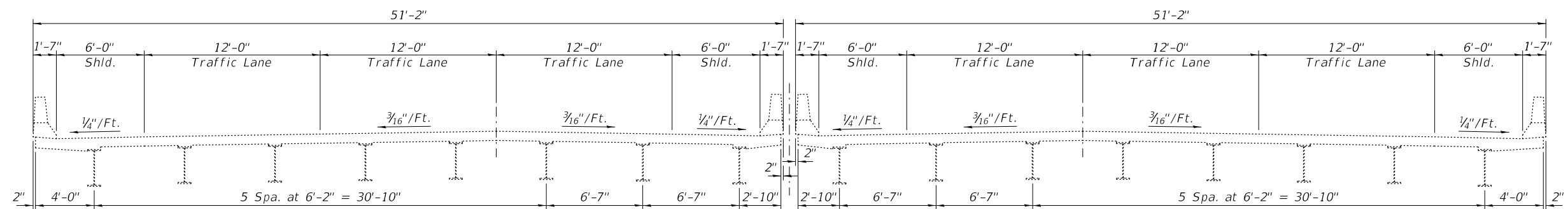
TOTAL BILL OF MATERIAL

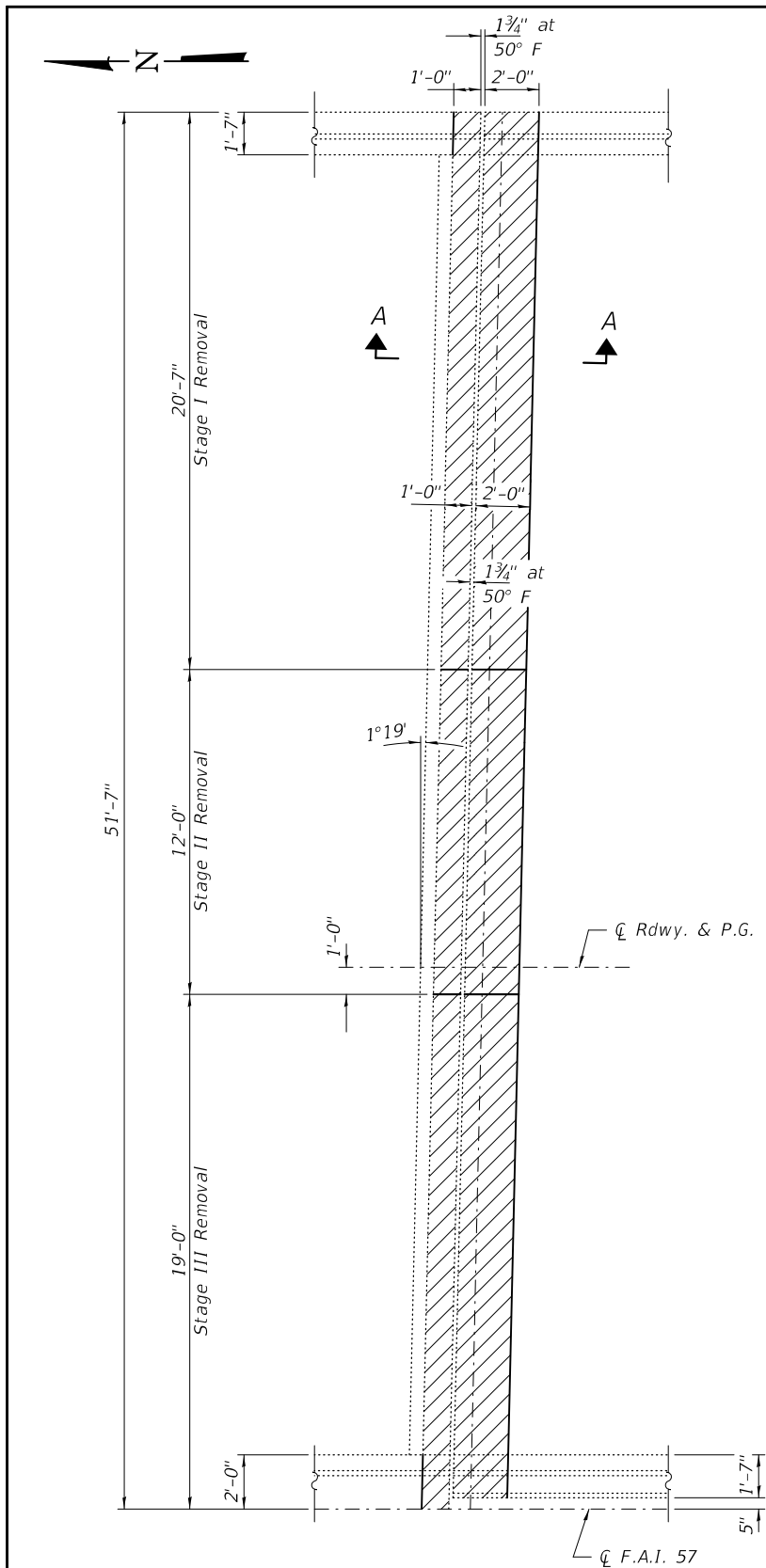
ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	32
Concrete Superstructure	Cu. Yd.	31.8
Reinforcement Bars, Epoxy Coated	Pound	5520
Deck Slab Repair (Partial)	Sq. Yd.	20
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	11
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	3
Preformed Joint Strip Seal	Foot	200
Bar Splicers	Each	96
Protective Shield	Sq. Yd.	600
* Protective Coat	Sq. Yd.	77

* Apply to new concrete only.



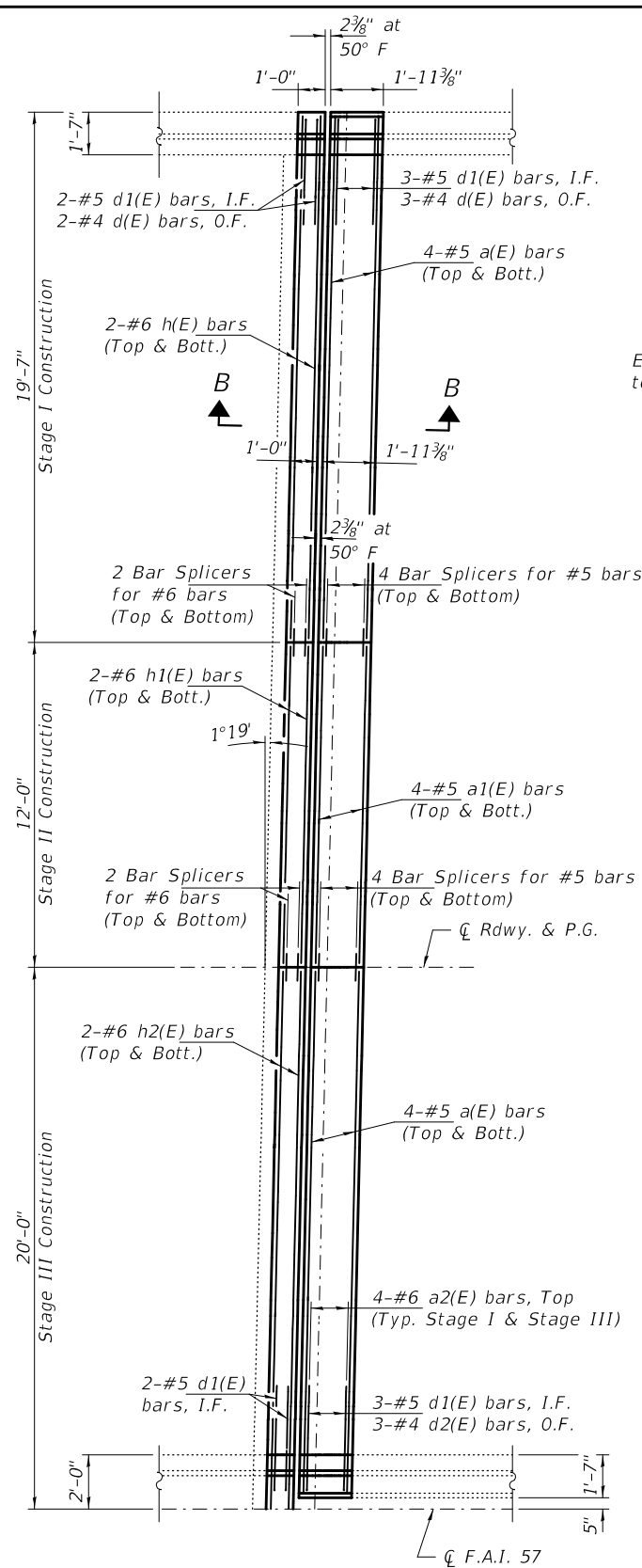
DESIGNED - <i>Hamad Salih</i>	EXAMINED - <i>Timothy A. Delt</i>	DATE - MARCH 19, 2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND ELEVATION FAI 57 OVER IL RTE 17 SN 046-0006 (NB) & 046-0007 (SB)	SHEET NO. 1 OF 8 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - <i>Corey D. Burdell</i>	PASSED - <i>Corey D. Burdell</i>	REVISD -				57	(46-2, 46-3) RS-3&I	KANKAKEE	76	50
DRAWN - <i>daburdell</i>	REVISD -	CONTRACT NO. 66E67								
CHECKED - <i>HSS/CPK</i>	ENGINEER OF BRIDGES AND STRUCTURES	ILLINOIS FED. AID PROJECT								





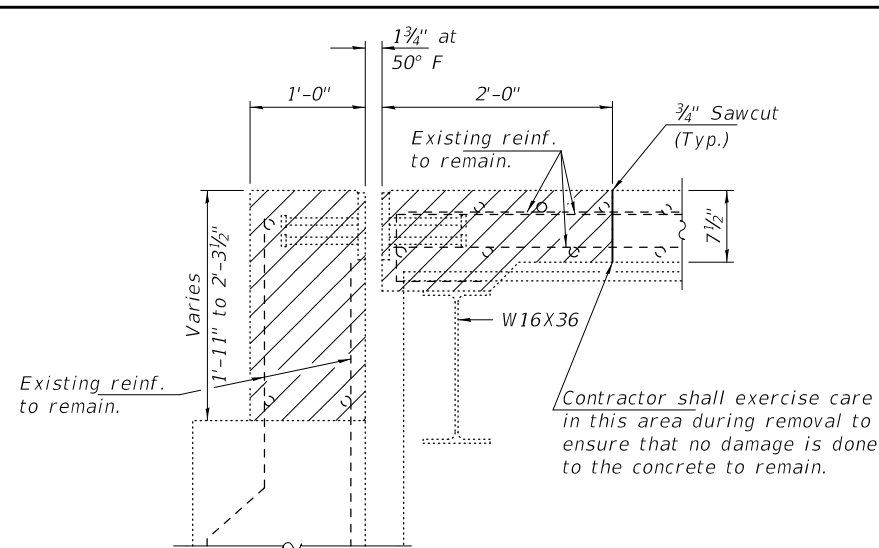
REMOVAL PLAN

North Abut. of SN 046-0006 shown,
North Abut. of SN 046-0007 similar
by mirroring along $\bar{C}$ F.A.I. 57.

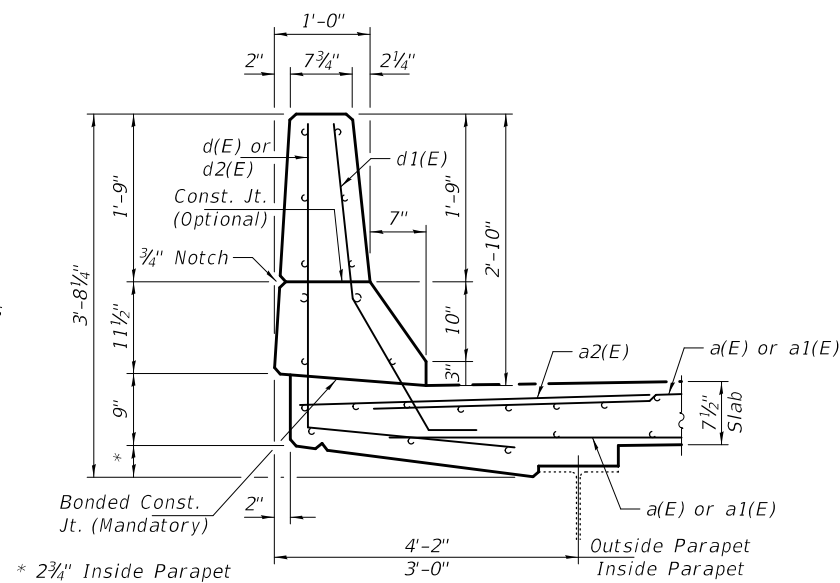


REPLACEMENT PLAN

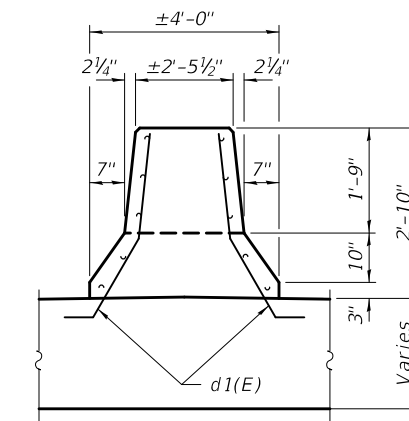
North Abut. of SN 046-0006 shown,
North Abut. of SN 046-0007 similar
by mirroring along $\bar{C}$ F.A.I. 57.



SECTION A-A

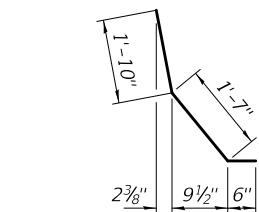


SECTION THRU BRIDGE PARAPET

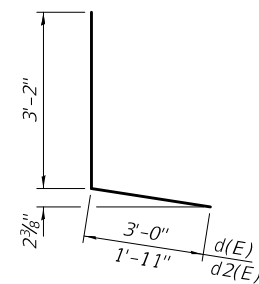


TYPICAL SECTION THRU INSIDE APPROACH PARAPET

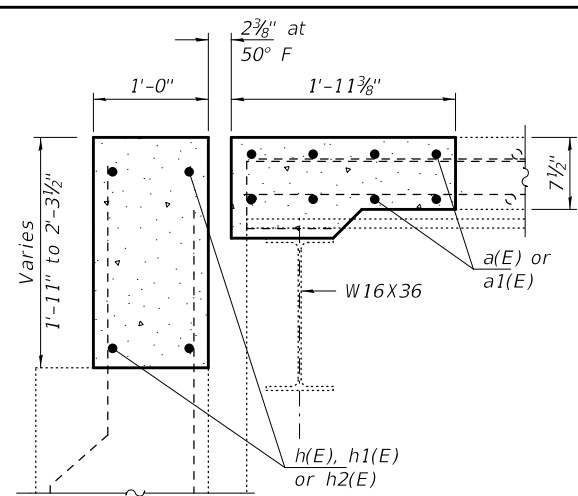
Note:
Existing longitudinal reinforcement
bars is to remain.



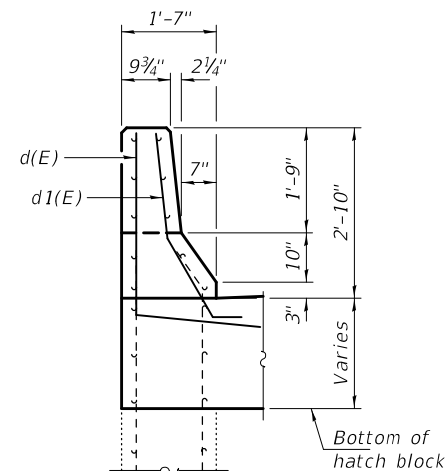
BAR d1(E)



BAR d(E) & d2(E)



SECTION B-B



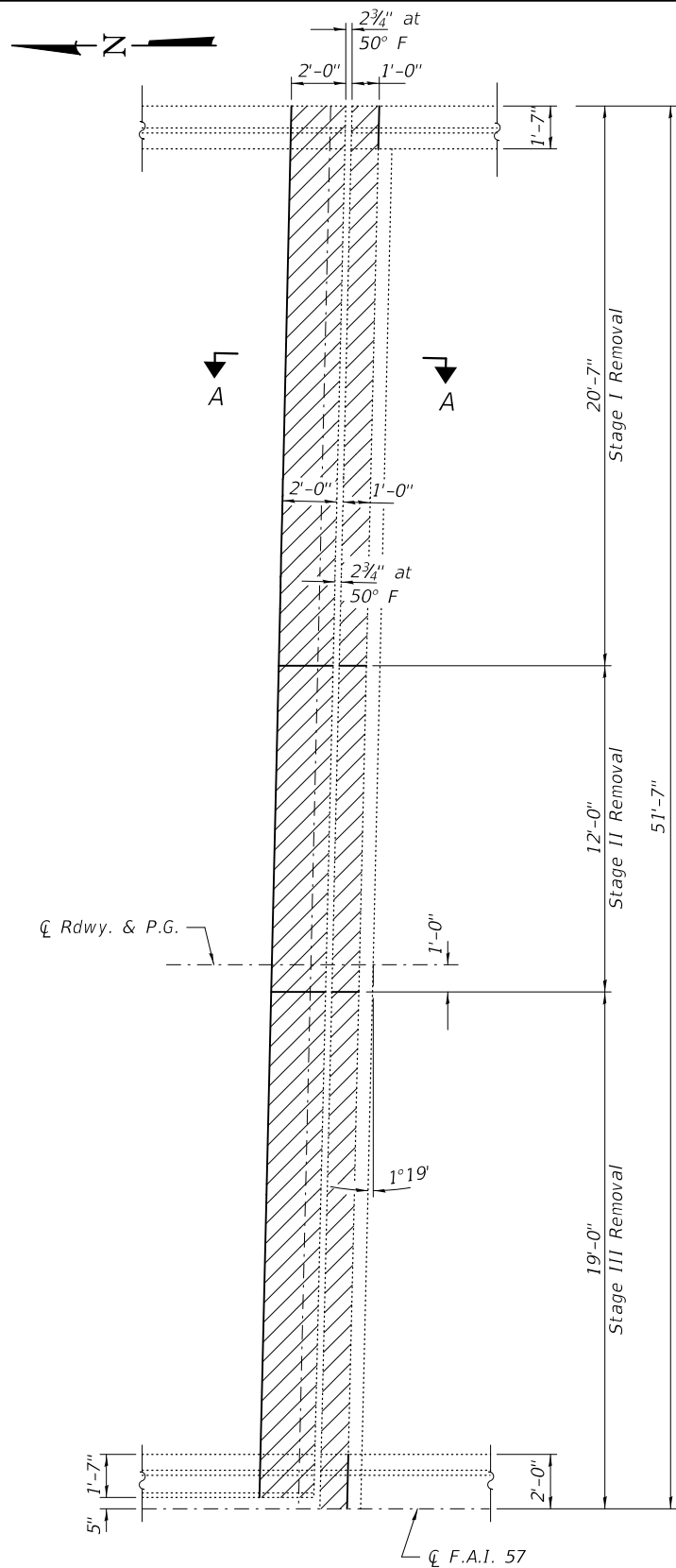
TYPICAL SECTION THRU OUTSIDE APPROACH PARAPET

Note:
Existing longitudinal reinforcement
bars is to remain.

BILL OF MATERIAL - NORTH ABUT.

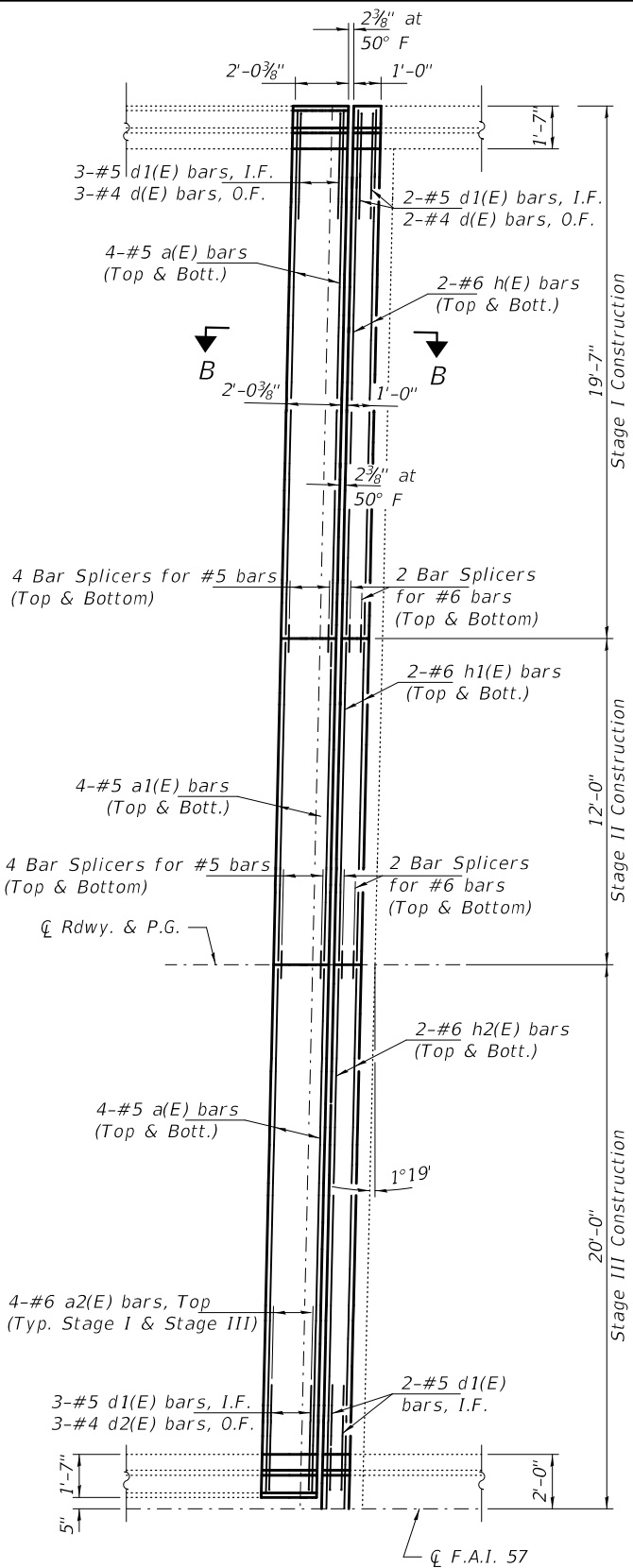
Bar	No.	Size	Length	Shape
a(E)	32	#5	19'-1"	—
a1(E)	16	#5	11'-8"	—
a2(E)	16	#6	4'-0"	—
d(E)	10	#4	6'-2"	J
d1(E)	20	#5	3'-11"	J
d2(E)	6	#4	5'-1"	J
h(E)	16	#6	19'-1"	—
h1(E)	16	#6	11'-8"	—
h2(E)	16	#6	39'-8"	—
Concrete Removal			Cu. Yd.	16
Concrete Superstructure			Cu. Yd.	15.8
Reinforcement Bars, Epoxy Coated			Pound	2760
Bar Splicers			Each	48

Reinforcement bars designated (E) shall be epoxy coated.



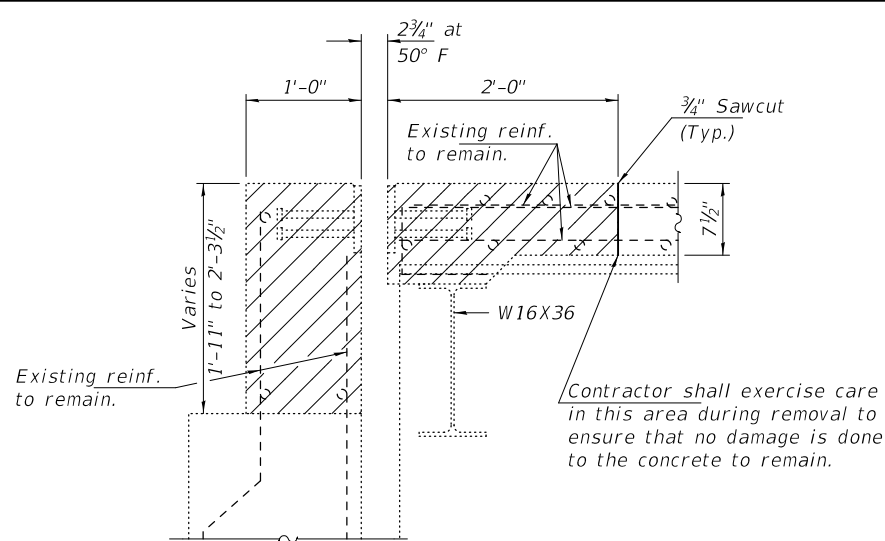
REMOVAL PLAN

South Abut. of SN 046-0006 shown,
South Abut. of SN 046-0007 similar
by mirroring along C.F.A.I. 57.

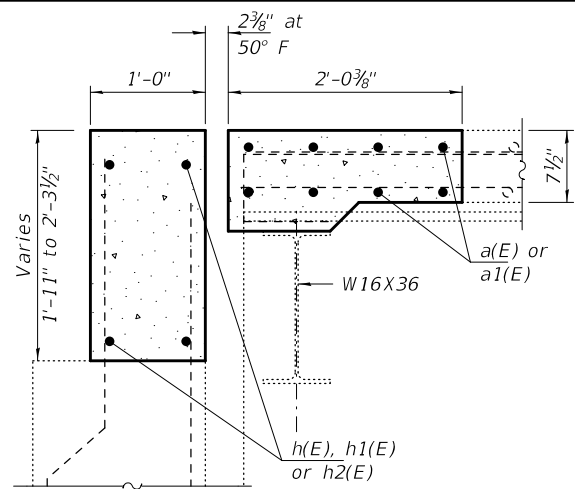


REPLACEMENT PLAN

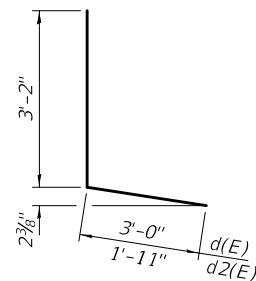
South Abut. of SN 046-0006 shown,
South Abut. of SN 046-0007 similar
by mirroring along C.F.A.I. 57.



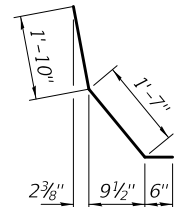
SECTION A-A



SECTION B-B



BAR d(E) & d2(E)

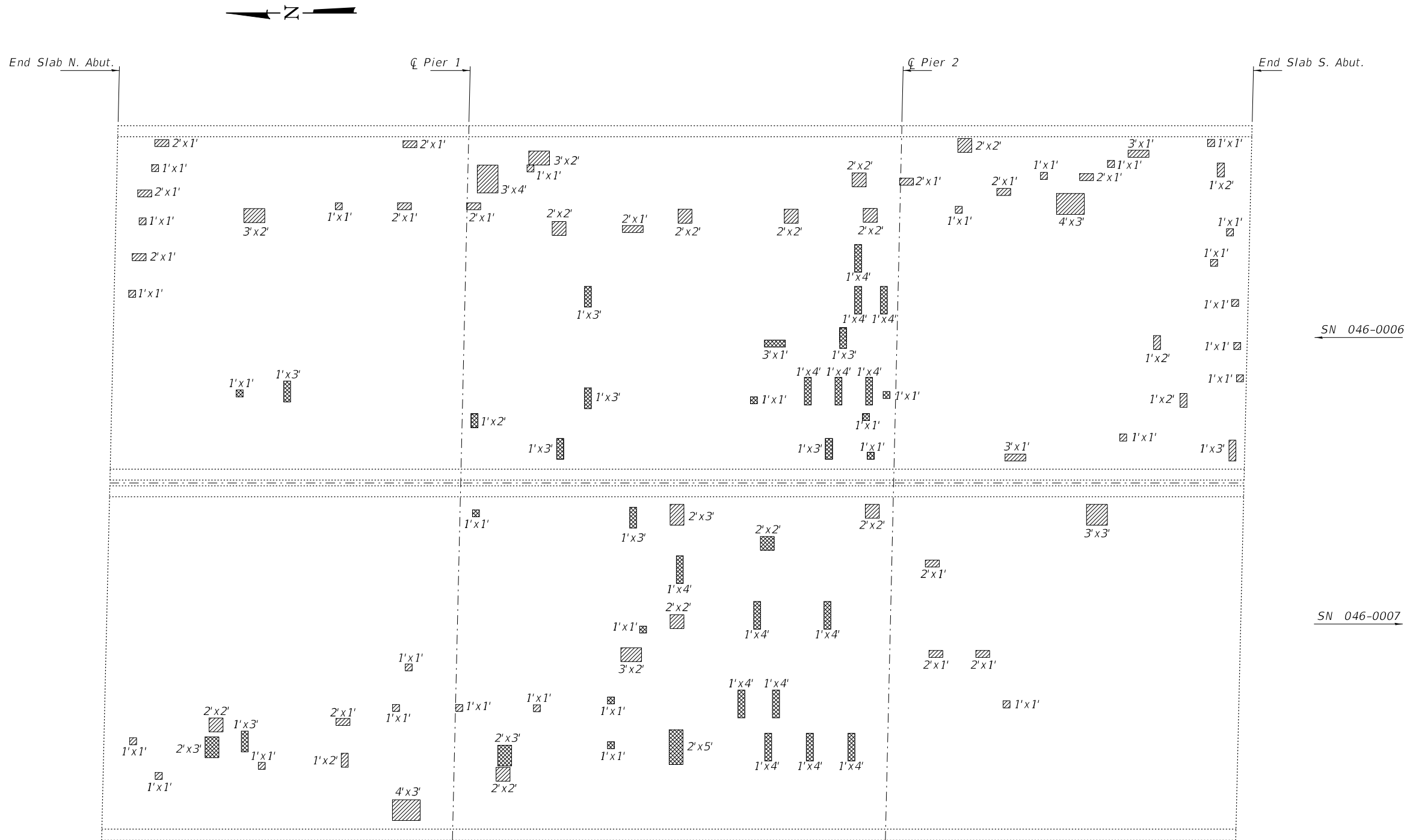


BAR d1(E)

BILL OF MATERIAL - SOUTH ABUT.

Bar	No.	Size	Length	Shape
a(E)	32	#5	19'-1"	—
a1(E)	16	#5	11'-8"	—
a2(E)	16	#6	4'-0"	—
d(E)	10	#4	6'-2"	J
d1(E)	20	#5	3'-11"	J
d2(E)	6	#4	5'-1"	J
h(E)	16	#6	19'-1"	—
h1(E)	16	#6	11'-8"	—
h2(E)	16	#6	39'-8"	—
Concrete Removal			Cu. Yd.	16
Concrete Superstructure			Cu. Yd.	16
Reinforcement Bars, Epoxy Coated			Pound	2760
Bar Splicers			Each	48

Reinforcement bars designated (E) shall be epoxy coated.



PLAN

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

BILL OF MATERIAL

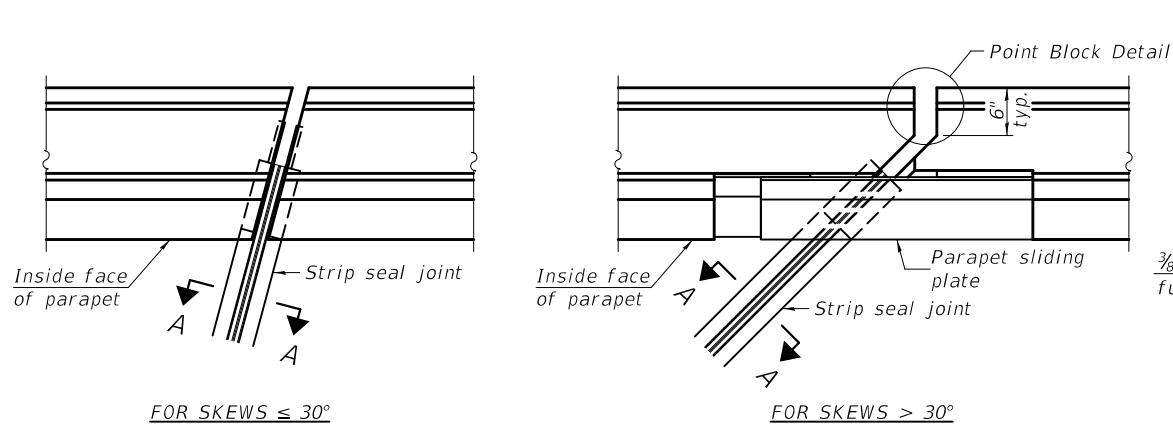
Item	Unit	Total
Deck Slab Repair (Partial)	Sq. Yd.	20
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	11
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	3



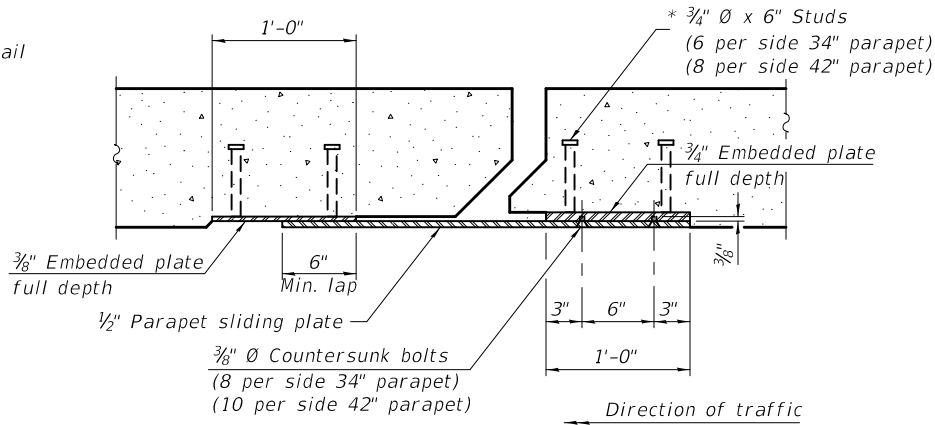
PLAN

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

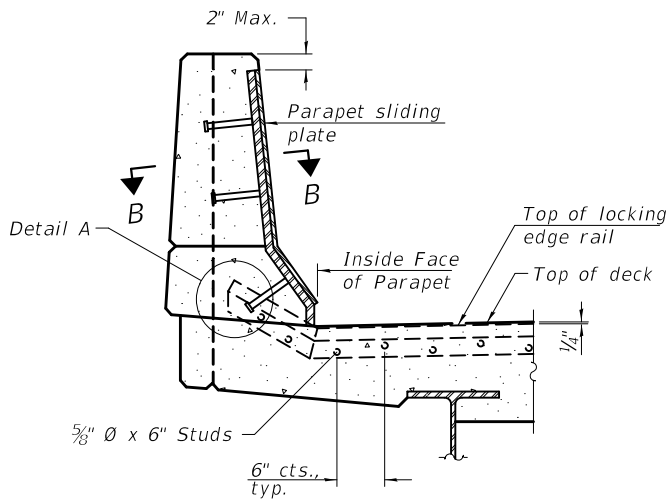
DESIGNED - HSS	EXAMINED		DATE - MARCH 19, 2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	AS-BUILT DECK SLAB REPAIRS SN 046-0006 (NB) & 0007 (SB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CHECKED - CDK		ENGINEER OF STRUCTURAL SERVICES				57	(46-2, 46-3) RS-3&I	KANKAKEE	76	55	
DRAWN - daburdell	PASSED		REVISED -			SHEET NO. 6 OF 8 SHEETS			CONTRACT NO. 66E67		
CHECKED - HSS CDK		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -			ILLINOIS FED. AID PROJECT					



PLAN AT PARAPET

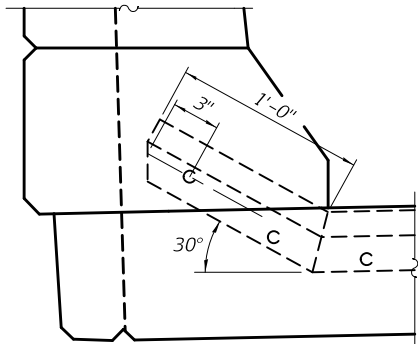


SECTION B-B

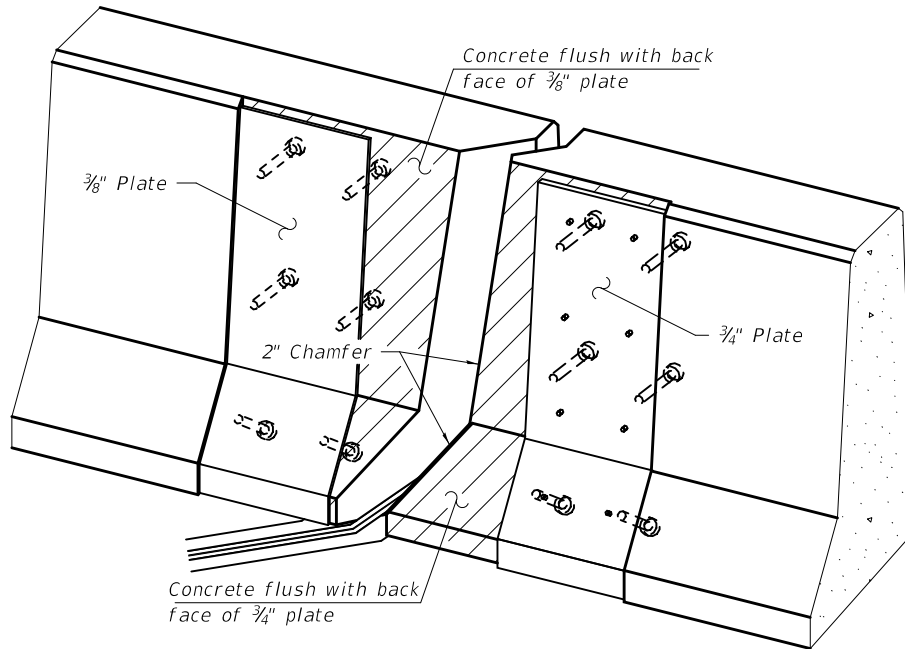


ELEVATION AT PARAPET

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

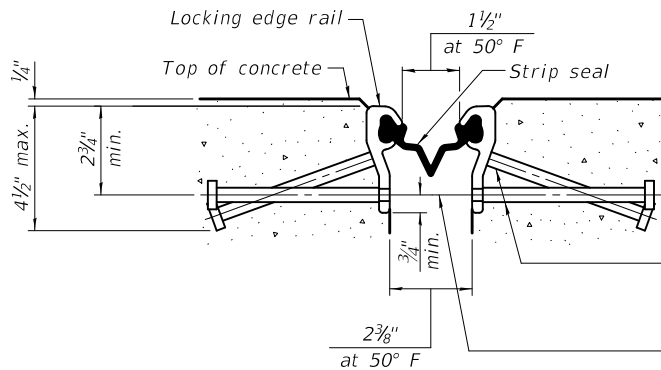


DETAIL A



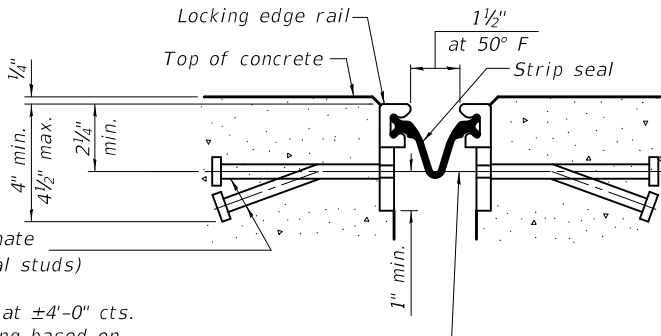
TRIMETRIC VIEW

(Showing embedded plates only)

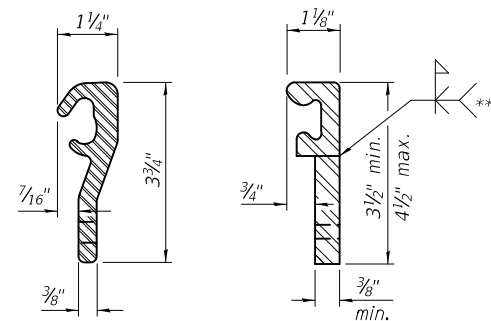


SHOWING ROLLED RAIL JOINT

* 5/8" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
3/8" Ø threaded rods in 7/16" Ø holes at ±4'-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

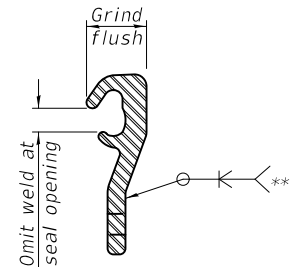


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

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

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	200

Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
The manufacturer's recommended installation methods shall be followed.
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.
Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.
34" F-shape barrier shown, 42" F-shape similar as noted.
The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

EJ-SS

8-11-17

DESIGNED - HSS
CHECKED - CDK
DRAWN - daburdell
CHECKED - HSS CDK

EXAMINED	Timothy A. Daburdell
PASSED	Carl R. Ruyter
	ENGINEER OF BRIDGES AND STRUCTURES

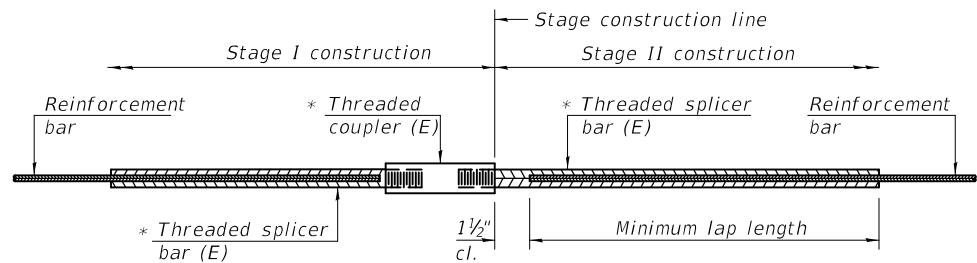
DATE - MARCH 19, 2019
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS
SN 046-0006 (NB) & 0007 (SB)

SHEET NO. 7 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2, 46-3) RS-3&I	KANKAKEE	76	56
ILLINOIS				FED. AID PROJECT

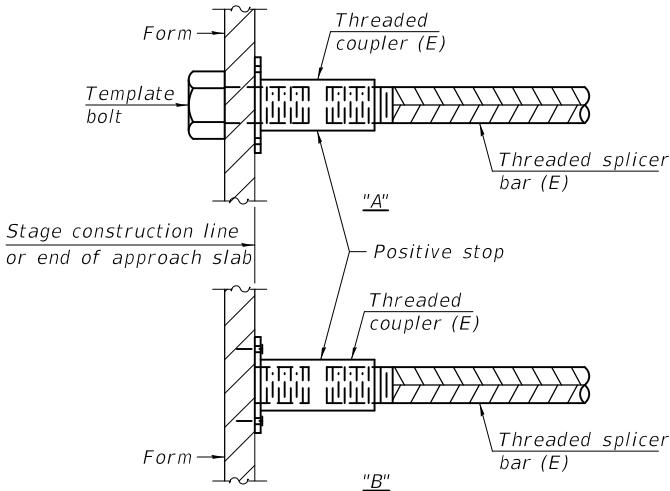


STANDARD BAR SPLICER ASSEMBLY

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

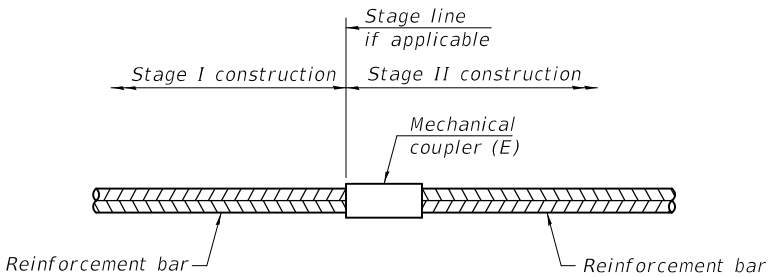
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
North Abutment	#5	32	3'-6"
North Abutment	#6	16	5'-0"
South Abutment	#5	32	3'-6"
South Abutment	#6	16	5'-0"



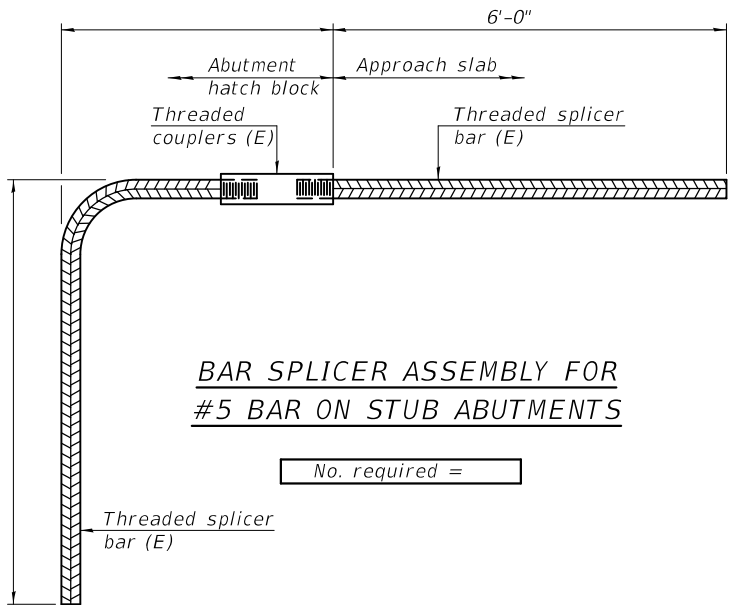
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR
#5 BAR ON STUB ABUTMENTS

No. required =

NOTES

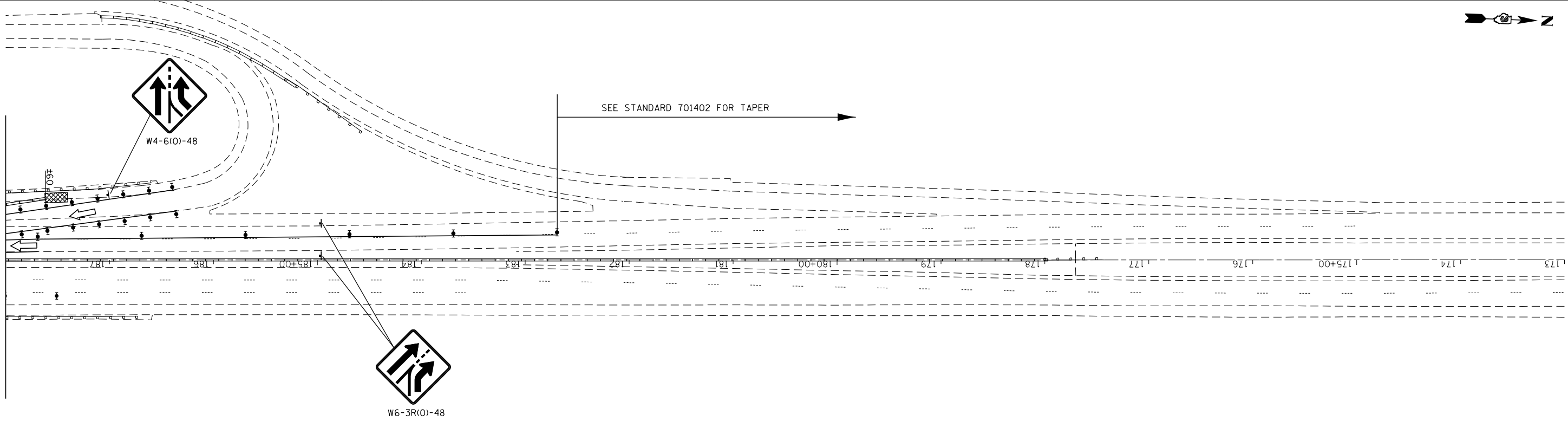
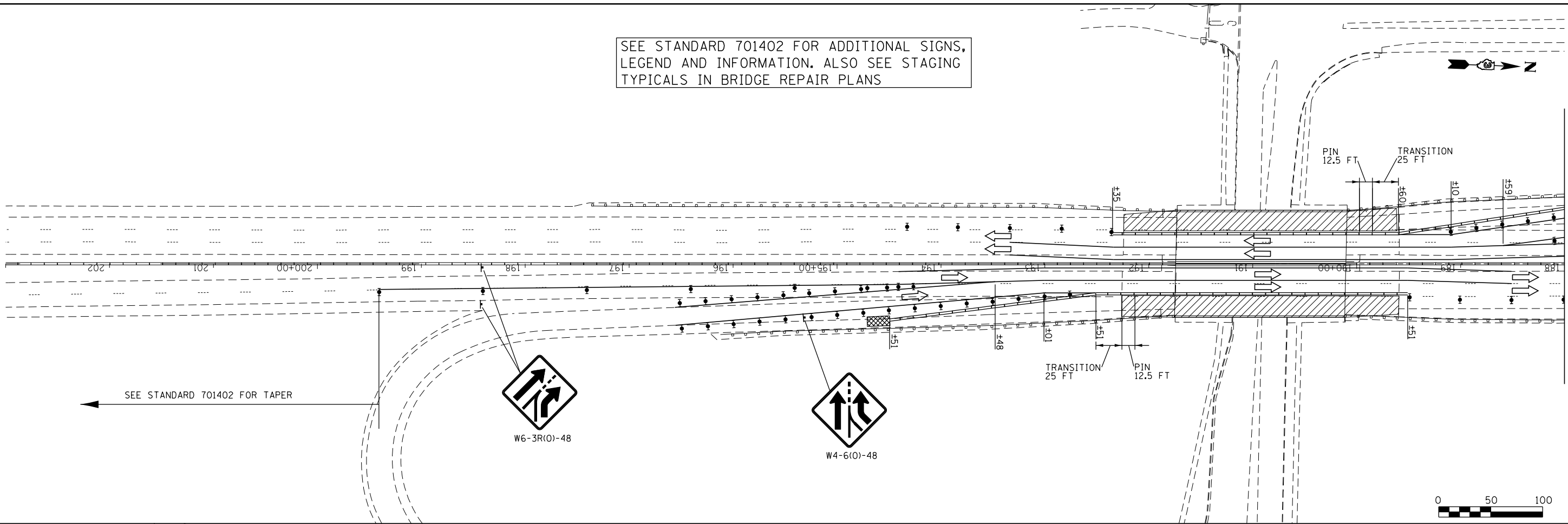
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.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

BSD-1

2-17-2017

DESIGNED - HSS	EXAMINED	DATE - MARCH 19, 2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS SN 046-0006 (NB) & 0007 (SB)				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - CDK	PASSED	REVISED -									57	(46-2, 46-3) RS-3&I	KANKAKEE	76	57
DRAWN - daburdell		REVISED -					SHEET NO. 8 OF 8 SHEETS				CONTRACT NO. 66E67				
CHECKED - HSS CDK											ILLINOIS FED. AID PROJECT				

SEE STANDARD 701402 FOR ADDITIONAL SIGNS,
LEGEND AND INFORMATION. ALSO SEE STAGING
TYPICALS IN BRIDGE REPAIR PLANS



SEE STANDARD 701402 FOR ADDITIONAL SIGNS,
LEGEND AND INFORMATION. ALSO SEE STAGING
TYPICALS IN BRIDGE REPAIR PLANS

MODEL Default
FILE Name: p:\u0000\BID\NTEC\Illinois.gov\PHUDOT\Documents\DOT_Offices\BID\rdct_3\p06cscs\EP03204\CAD\data\CAD\hears\0366667-ehp-Staging.dgn

USER NAME	=carpenterdj	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 100.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 2/1/2019	DATE	-	REVISED	-

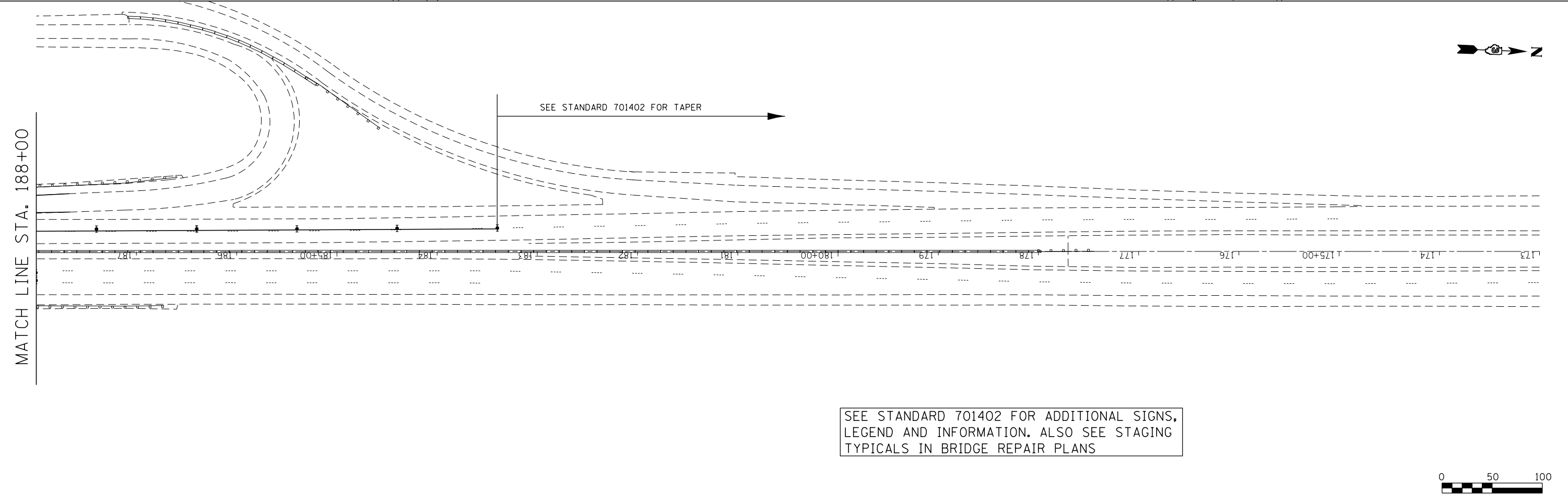
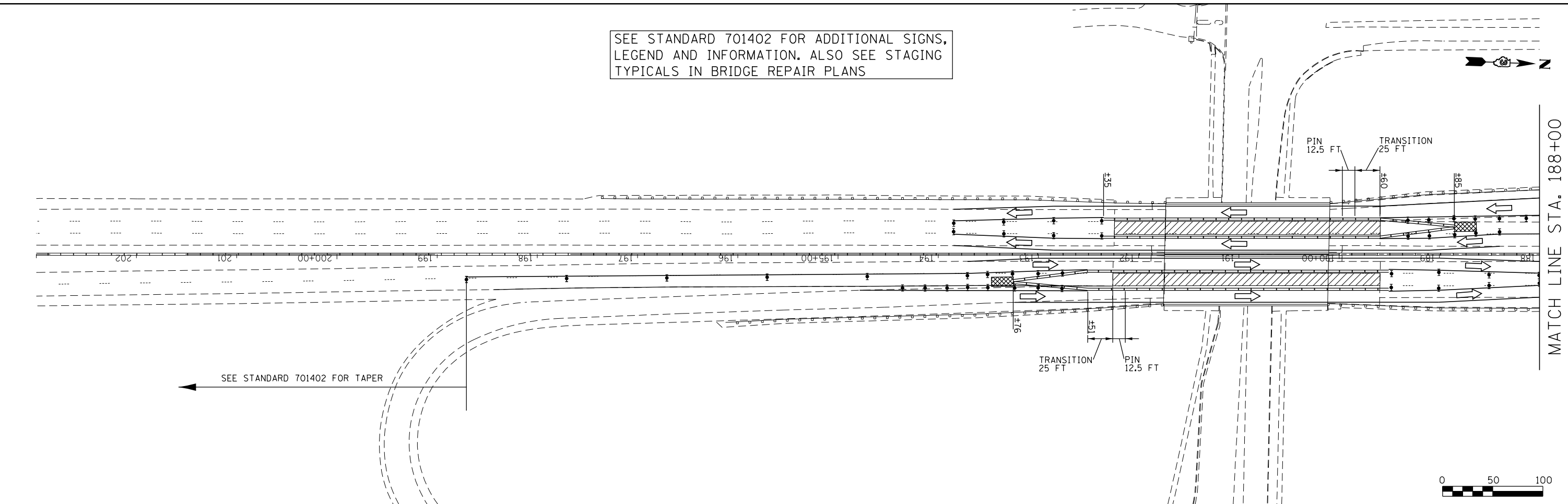
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE I TRAFFIC
SN 046-0006 & SN 046-0007

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS & I	KANKAKEE	76	58
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

SEE STANDARD 701402 FOR ADDITIONAL SIGNS,
LEGEND AND INFORMATION. ALSO SEE STAGING
TYPICALS IN BRIDGE REPAIR PLANS



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MATCH LINE STA. 188+00

USER NAME	= carpenterd\j	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
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PLOT DATE	= 2/1/2019	DATE	-	REVISED	-

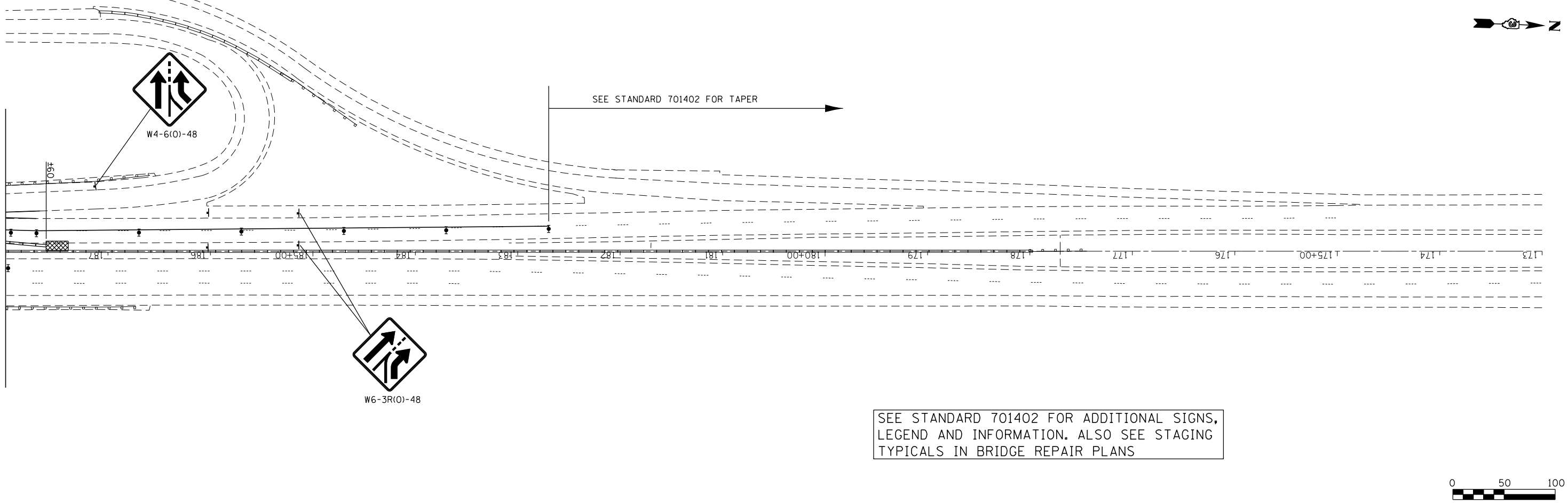
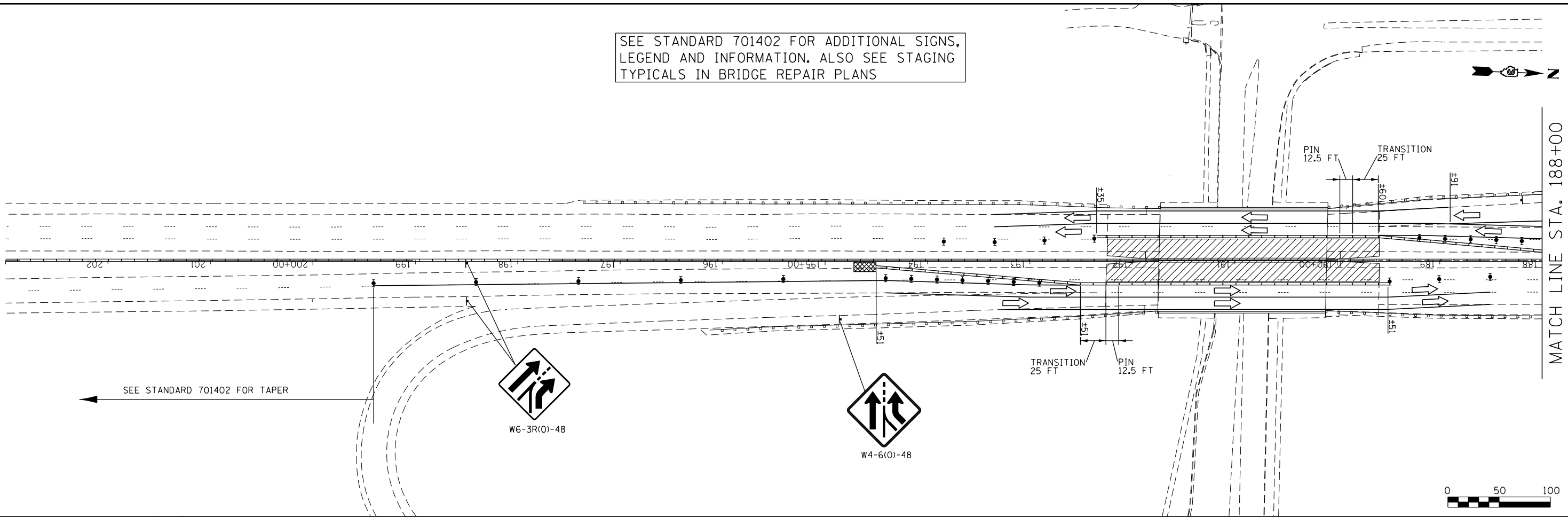
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGE 2 TRAFFIC
SN 046-0006 & SN 046-0007

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS & I	KANKAKEE	76	59
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				

SEE STANDARD 701402 FOR ADDITIONAL SIGNS,
LEGEND AND INFORMATION. ALSO SEE STAGING
TYPICALS IN BRIDGE REPAIR PLANS



SEE STANDARD 701402 FOR ADDITIONAL SIGNS,
LEGEND AND INFORMATION. ALSO SEE STAGING
TYPICALS IN BRIDGE REPAIR PLANS

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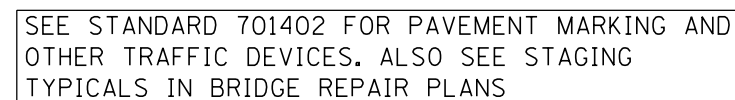
USER NAME	= carpenterd\j	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISION	-
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PLOT DATE	= 2/1/2019	DATE	-	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

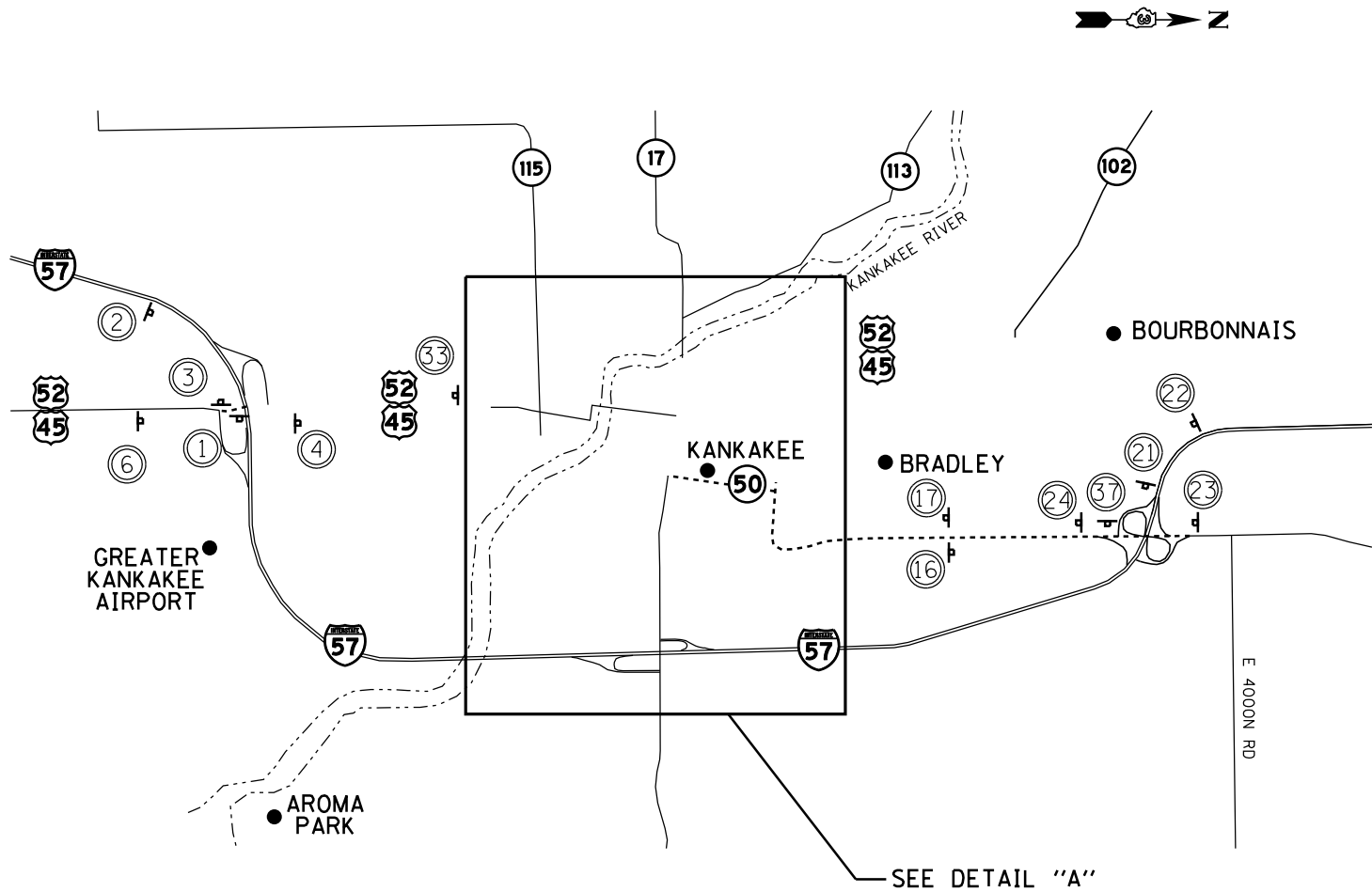
SUGGESTED STAGE 3 TRAFFIC
SN 046-0006 & SN 046-0007

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

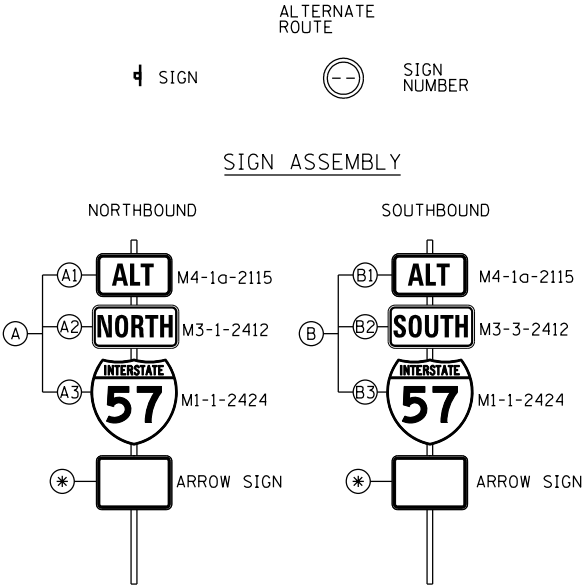
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS & I	KANKAKEE	76	60
CONTRACT NO. 66E67				
ILLINOIS FED. AID PROJECT				



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2,46-3)RS & 1	KANKAKEE	76	61
		CONTRACT NO. 66E67		
		ILLINOIS FED. AID PROJECT		



ALTERNATE ROUTE SIGNS:
ALTERNATE ROUTE FOR I-57 DURING CONSTRUCTION UTILIZES US 45/52, IL 17 AND IL 50.
THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE THE SIGNING FOR THE ALTERNATE ROUTE.
TWO EXTRA MESSAGE BOARDS ON I-57 AS OUTLINED IN THE SPECIAL PROVISIONS SHALL DISPLAY THE FOLLOWING MESSAGE:
I-57 CONSTRUCTION AHEAD
EXPECT DELAYS
ALT ROUTE AVAILABLE
SIGNS A1, B1, C, D, E, F, G, H, I: FLORESCENT ORANGE WITH BLACK SYMBOLS.
SIGNS A2, A3, B2, B3: BLUE WITH WHITE LETTERS.



* SEE BELOW

ARROW SIGNS

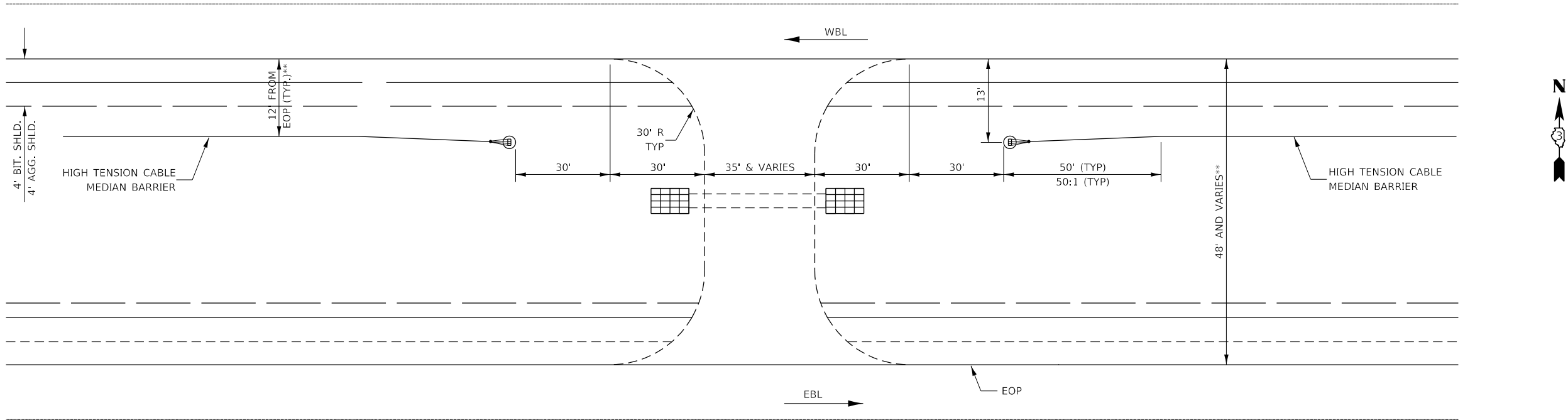
- C M5-1(R)-2115
- D M5-1(L)-2115
- E M5-2(R)-2115
- F M6-1(L)-2115
- G M6-1(R)-2115
- H M6-2(R)-2115
- I M6-3-2115

SIGN NUMBER	LOCATION	PANELS
1	I-57 (NB) AT START OF RAMP	AH
2	I-57 (NB) 1/2 MILE PRIOR TO SIGN 1	AE
3	TOP OF RAMP FOR I-57 (NB) TRAFFIC HEADING NORTH ONTO US 45/52	AG
4	US 45/52 (NB) 500' NORTH OF I-57	AI
5	US 45/52 (NB) AT IL 50 JCT	AI
6	US 45/52 (NB), 100' PRIOR TO RAMP	AI
7	IL 50 (NB), SOUTH END OF BRIDGE	AC
8	IL 50 (NB) AT RIVER STREET	AG
9	IL 50 (NB) (RIVER STREET) AT HARRISON AVE	AF
10	IL 50 (NB) (HARRISON AVE), 200' SOUTH OF IL 17	AI
11	IL 50 (NB) (HARRISON AVE), AT IL 17	AI
12	IL 17 (WB), AT IL 50	AG
13	IL 50 (NB) NORTH OF IL 17	AI
14	IL 50 (NB) AND FAIR STREET	AG
15	IL 50 (NB FAIR STREET) BEFORE CURVE	AI
16	IL 50 (NB KINZIE AVE) 100' NORTH OF NORTH STREET	AI
17	IL 50 (SB KINZIE AVE) 100' NORTH OF NORTH STREET	BI
18	IL 50 (SB FAIR STREET) AT INDIANA AVE	BF
19	IL 50 (SB INDIANA AVE) 200' NORTH OF IL 17	BI
20	IL 17 (EB) AT INDIANA AVE	BG

SIGN NUMBER	LOCATION	PANELS
21	I-57 (SB) AT START OF RAMP	BH
22	I-57 (SB) 1/2 MILE PRIOR TO SIGN 26	BE
23	IL 50 (SB) 100' PRIOR TO RAMP	BI
24	IL 50 (SB) 500' SOUTH OF I-57	BI
25	IL 17 (WB) 100' PRIOR TO THE RAMP	AI
26	IL 17 (WB) 100' PRIOR TO THE RAMP	BI
27	IL 17 (WB) 1500' WEST OF I-57	AI
28	IL 17 (WB) 1500' WEST OF I-57	BI
29	IL 17 (WB) AT INDIANA AVE	BF
30	IL 17 (EB) AT HARRISON STREET	AF
31	IL 17 (EB) 1500' WEST OF INDIANA AVE	AI
32	IL 17 (EB) 1500' WEST OF INDIANA AVE	BI
33	IL 50 (SB) 100' SOUTH OF SE AVE	BI
34	IL 50 (SB INDIANA AVE) AT RIVER STREET	BG
35	RIVER STREET, AT IL 50	BF
36	IL 50 (SB) AT E JEFFERY ST	BI
37	I-57 (SB) BOTTOM OF EXIT RAMP	BG



FILE NAME =	USER NAME = carpenterj	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALTERNATE ROUTE PLAN DETAIL "A"	F.A.I.		SECTION	COUNTY	TOTAL	SHEET
pw\1\084EB\INTEGR\Illinois.gov\PW\DOT\Documents\DOT Offices\District 3\Projects\EP03204\CADData\CADsheets\03204\03204-01.dgn		DRAWN - _____	REVISED - _____			57	(46-2,46-3)RS-3 & I	KANKAKEE	76	63	
PLOT SCALE = 100,000' / in.	CHECKED - _____	REVISED - _____	REVISED - _____			CONTRACT NO. 66E67					
PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____	REVISED - _____			ILLINOIS FED. AID PROJECT					
Default						SCALE: _____	SHEET 2 OF 2 SHEETS	STA. _____ TO STA. _____			

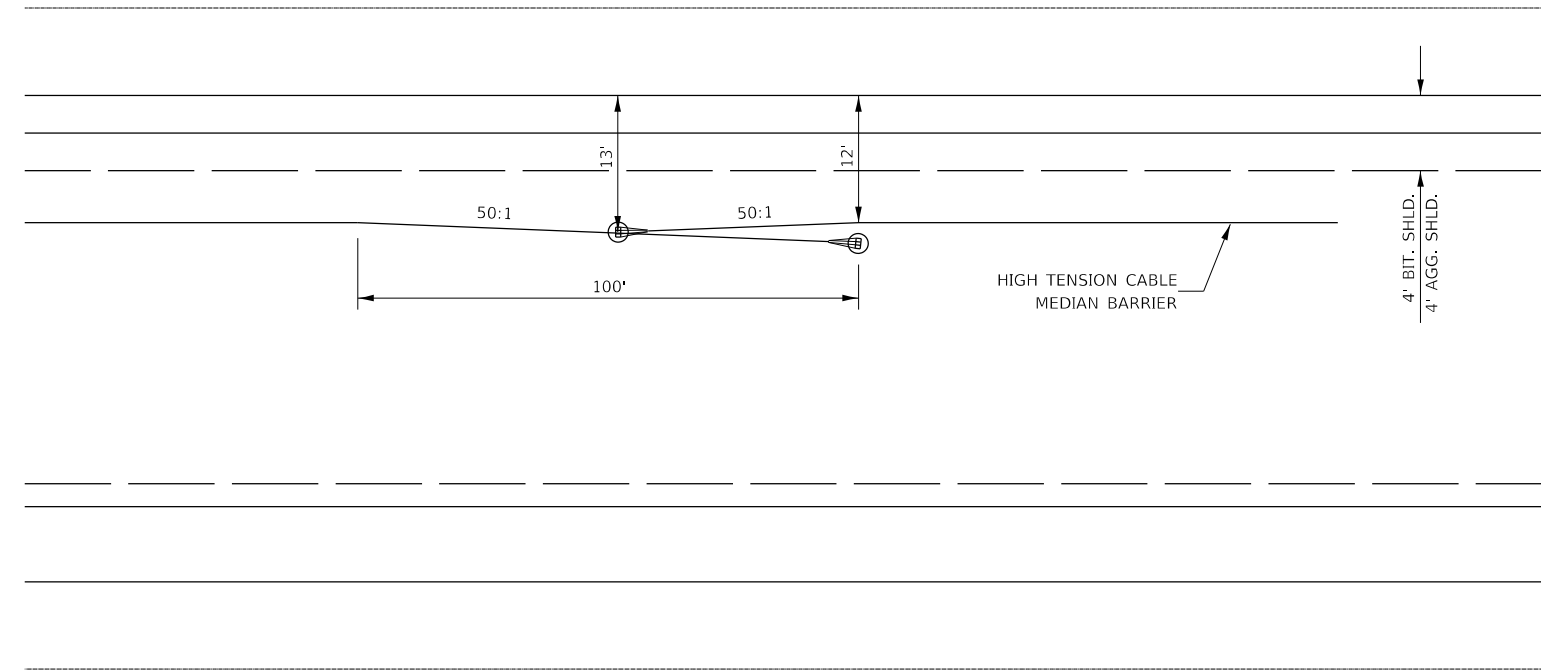


MAINTENANCE CROSSOVERS

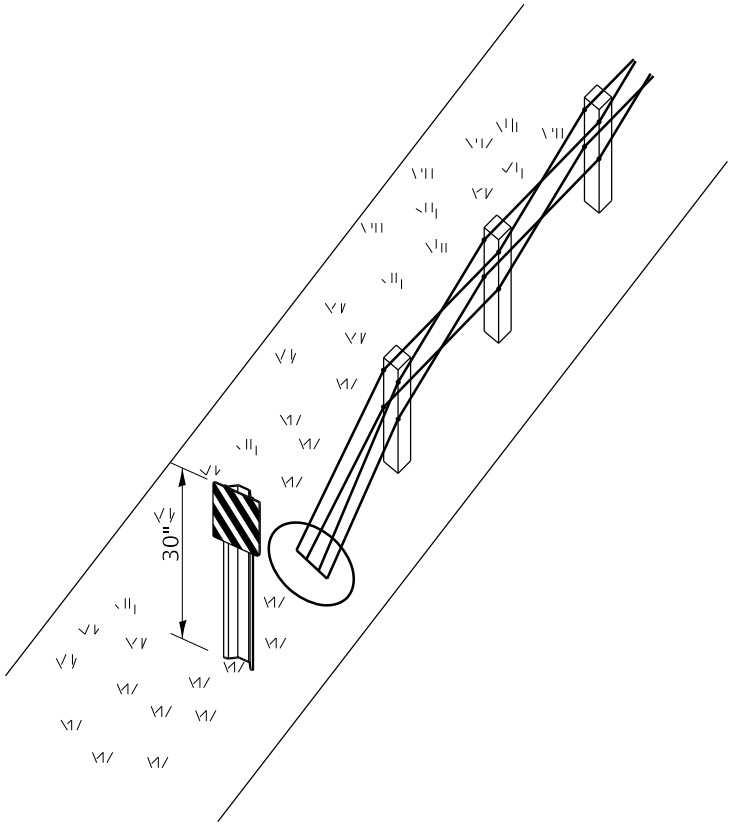
STA 533+97
STA 685+07
STA 790+23

MEDIAN CROSSOVERS

STA 596+64
STA 694+55



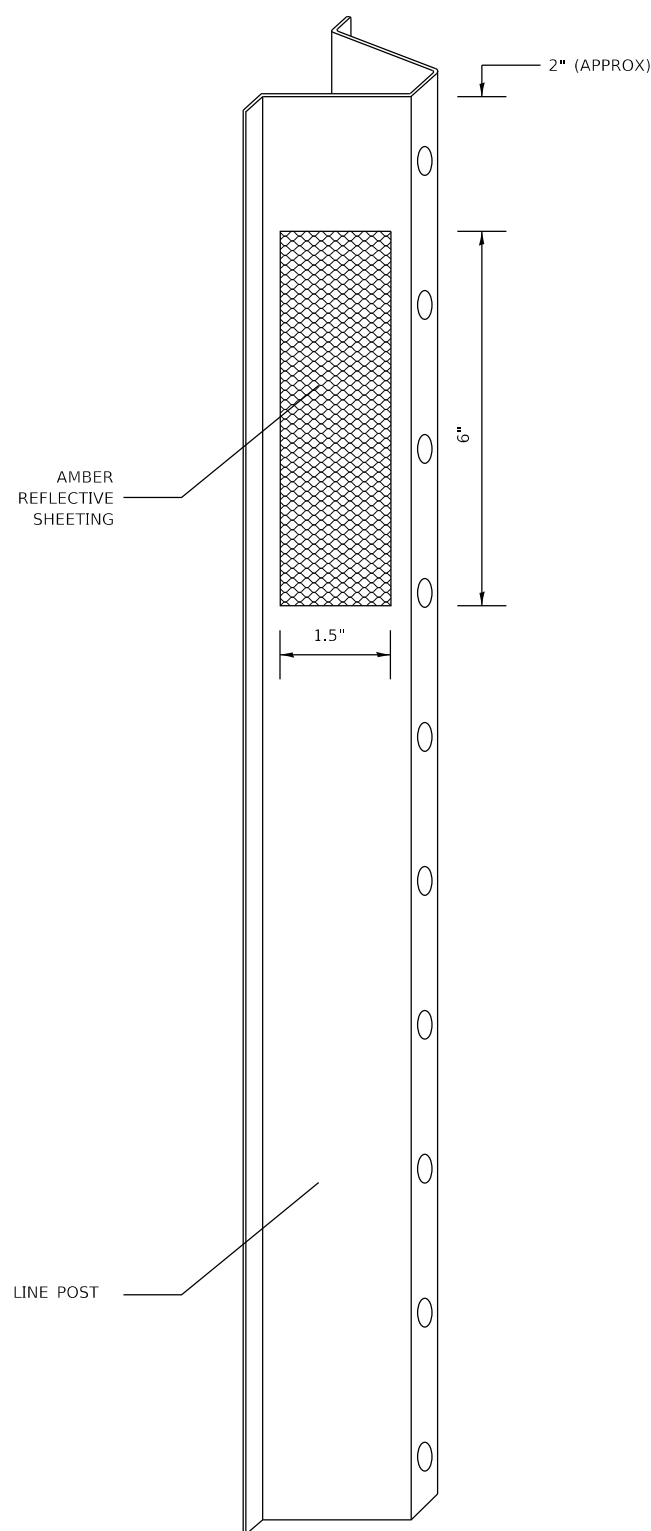
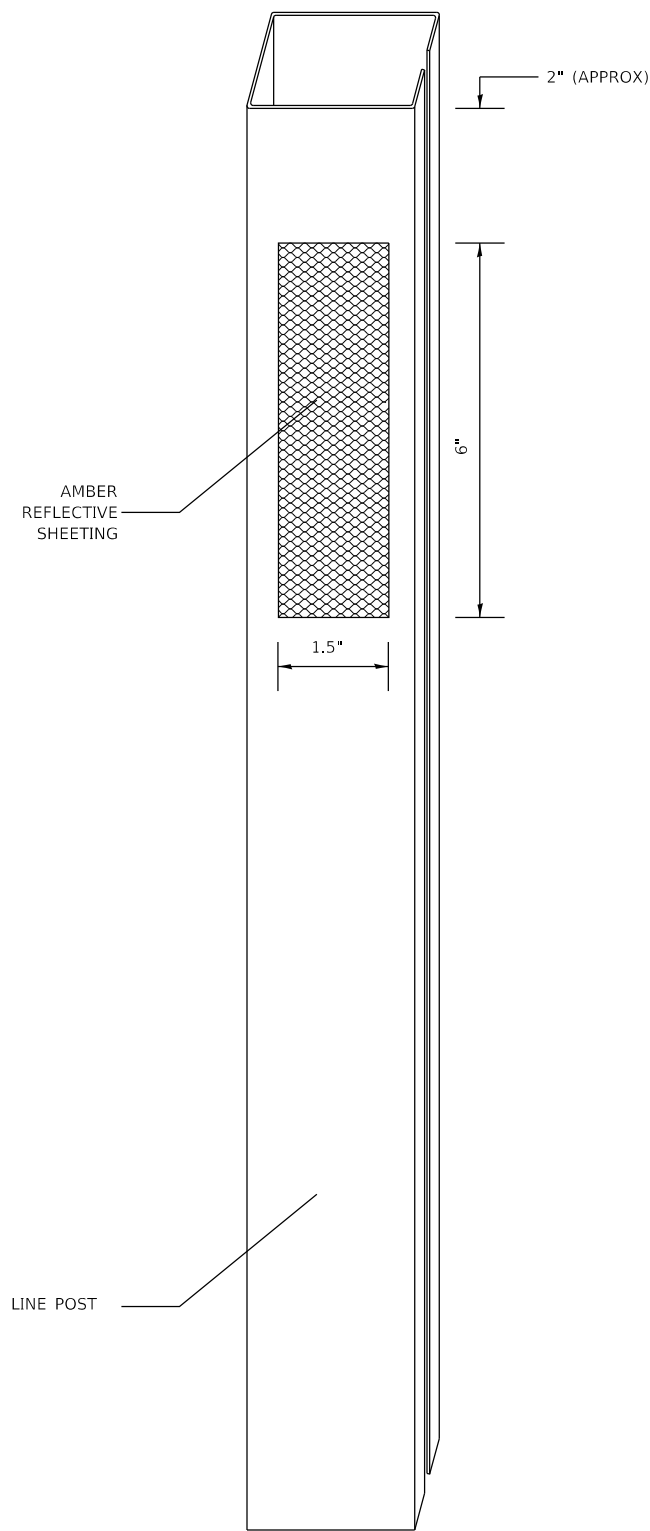
HIGH TENSION CABLE BARRIER OVERLAP DETAIL



**HTC MEDIAN BARRIER
POST MOUNTED TERMINAL MARKER DETAIL**

NOT TO SCALE

FILE NAME =		USER NAME = carpenterd		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS					F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
pw\01\084EB\INTEGR\Illinois.gov\PW\DOT\Documents\DOT Offices\District 3\Projects\EP03204\CADData\CADsheets\I0366\Drawings\		PLOT SCALE = 100,0000' / in.		CHECKED -		REVISED -								57	(46-2,46-3)RS-3 & I		KANKAKEE	76	64
Default		PLOT DATE = 2/1/2019		DATE -		REVISED -								CONTRACT NO. 66E67					
								SCALE: _____		SHEET 1	OF 13	SHEETS	STA. _____	TO STA. _____					
										ILLINOIS	FED. AID PROJECT								

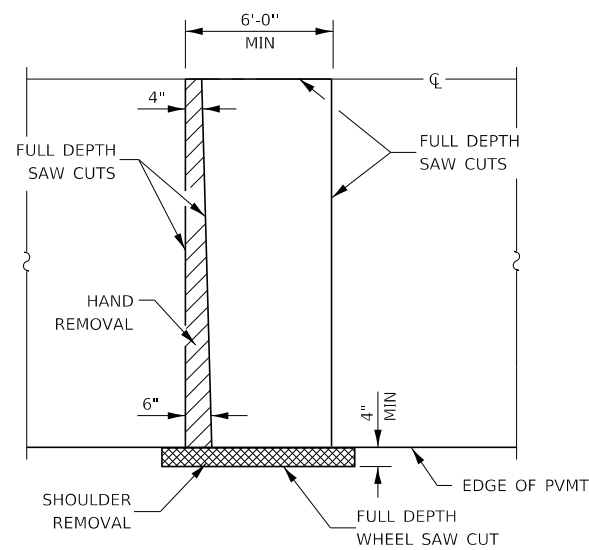


NOTES:

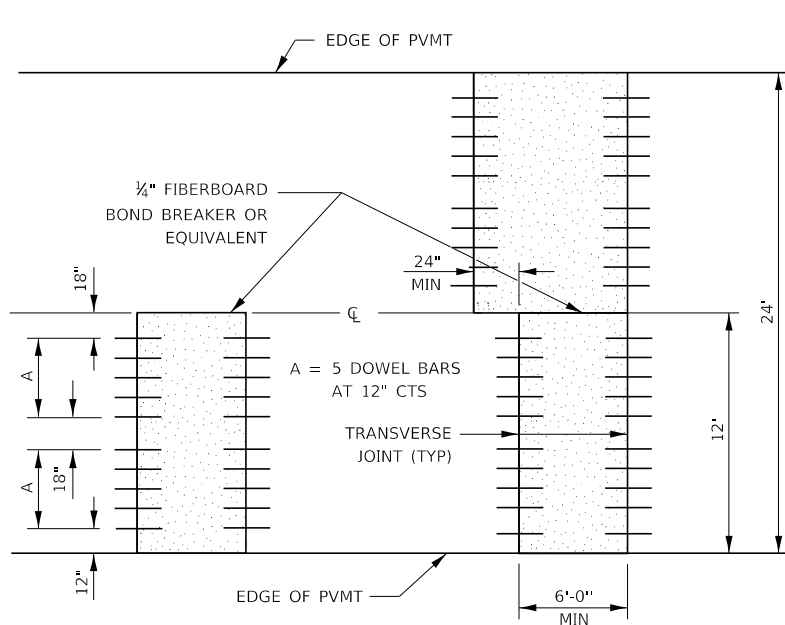
THE REFLECTIVE SHEETING SHALL BE INSTALLED AS SHOWN IN THE PLANS, ON EVERY THIRD POST (IN ORDER TO PROVIDE A SPACING OF 45').

THE REFLECTIVE SHEETING SHALL BE FACING ONCOMING TRAFFIC.

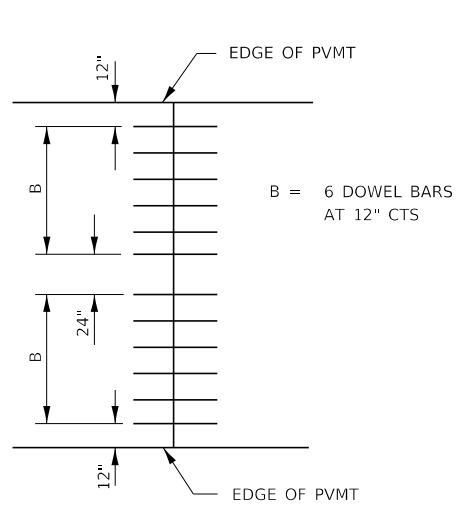
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		CHECKED - _____	REVISED - _____					57	(46-2,46-3)RS-3 & I	KANKAKEE	76	65
		PLOT SCALE = 100,0000' / in.	DATE - _____		SCALE: _____ SHEET 2 OF 13 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 66E67				
		PLOT DATE = 2/1/2019	DATE - _____					ILLINOIS FED. AID PROJECT				



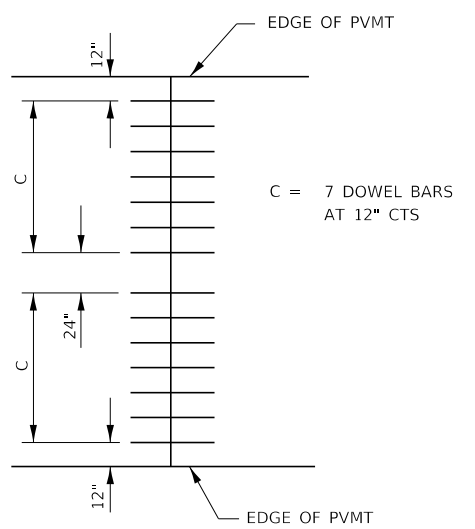
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



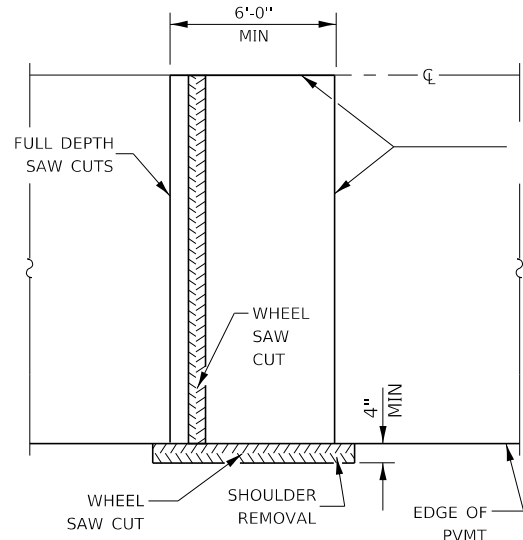
12' WIDE LANES



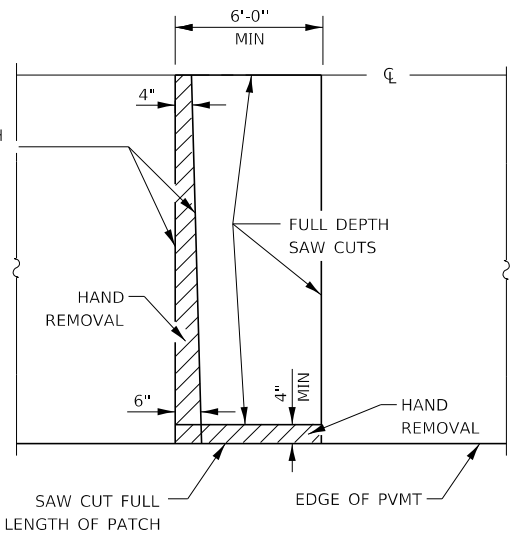
14' WIDE RAMP



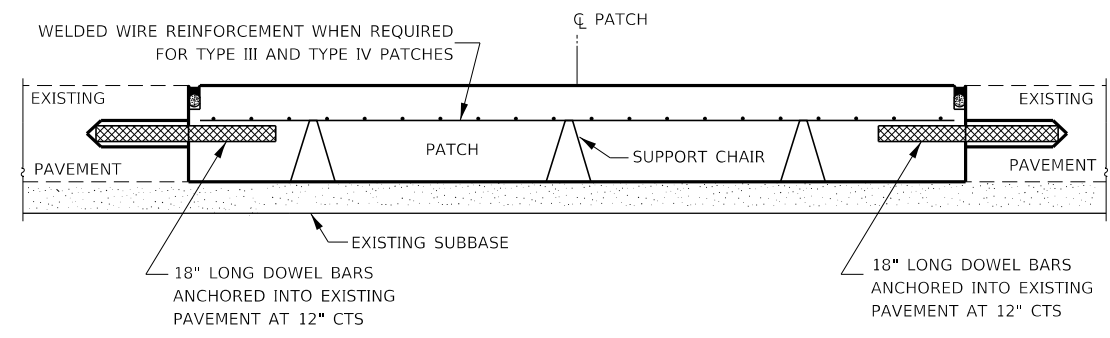
16' WIDE RAMP



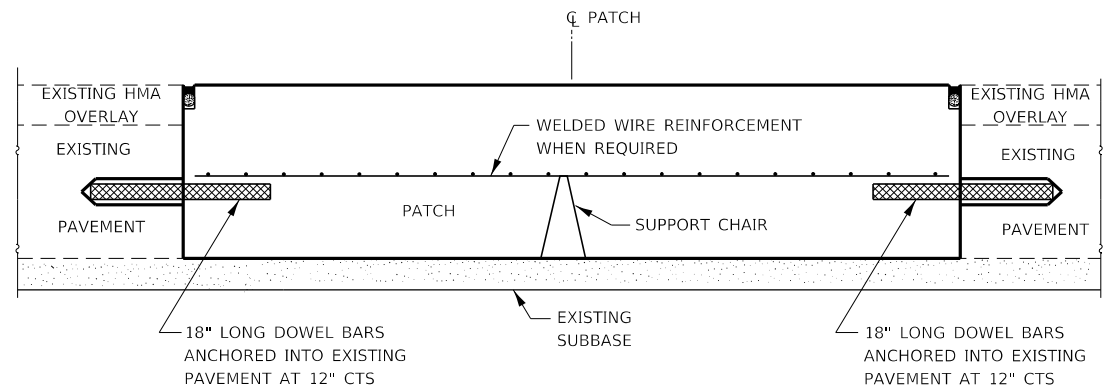
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



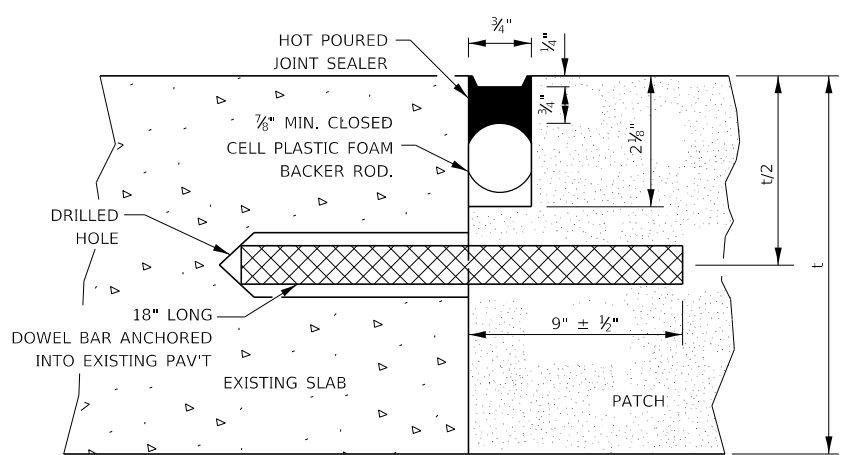
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



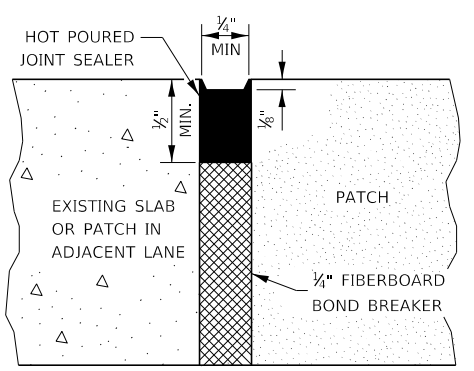
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



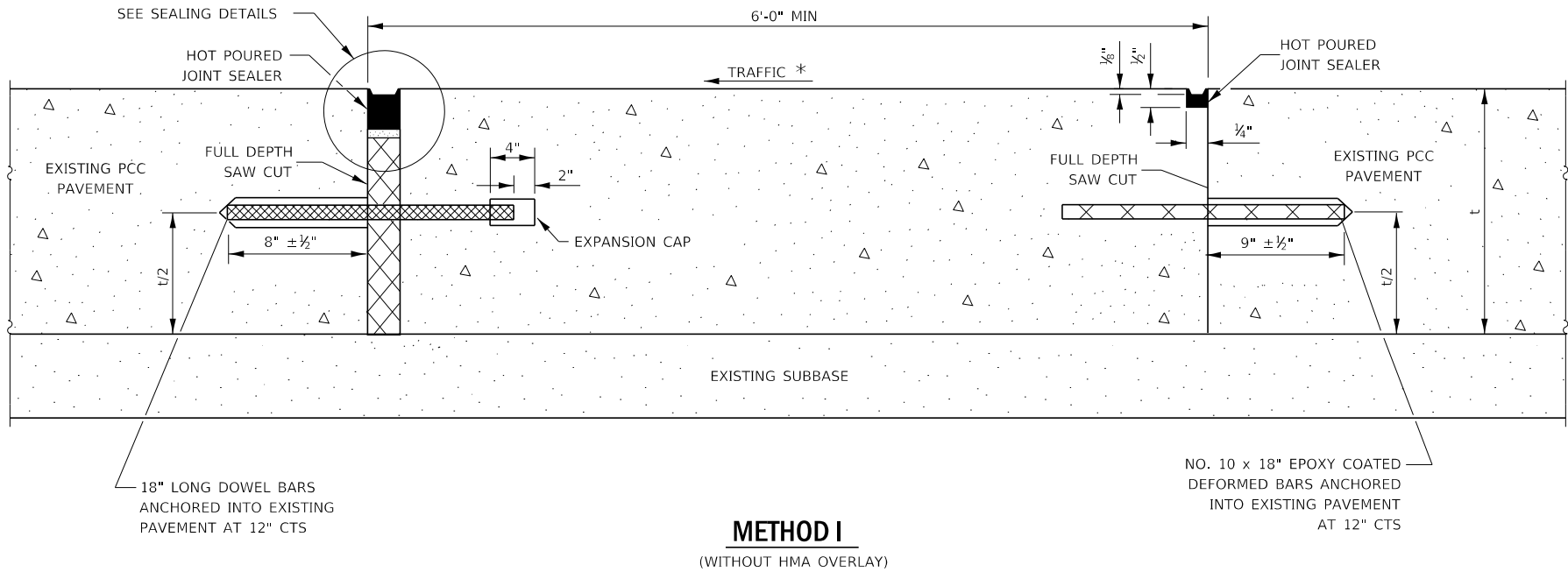
CENTERLINE JOINT

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

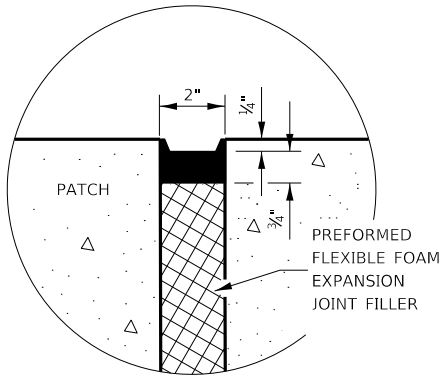
GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

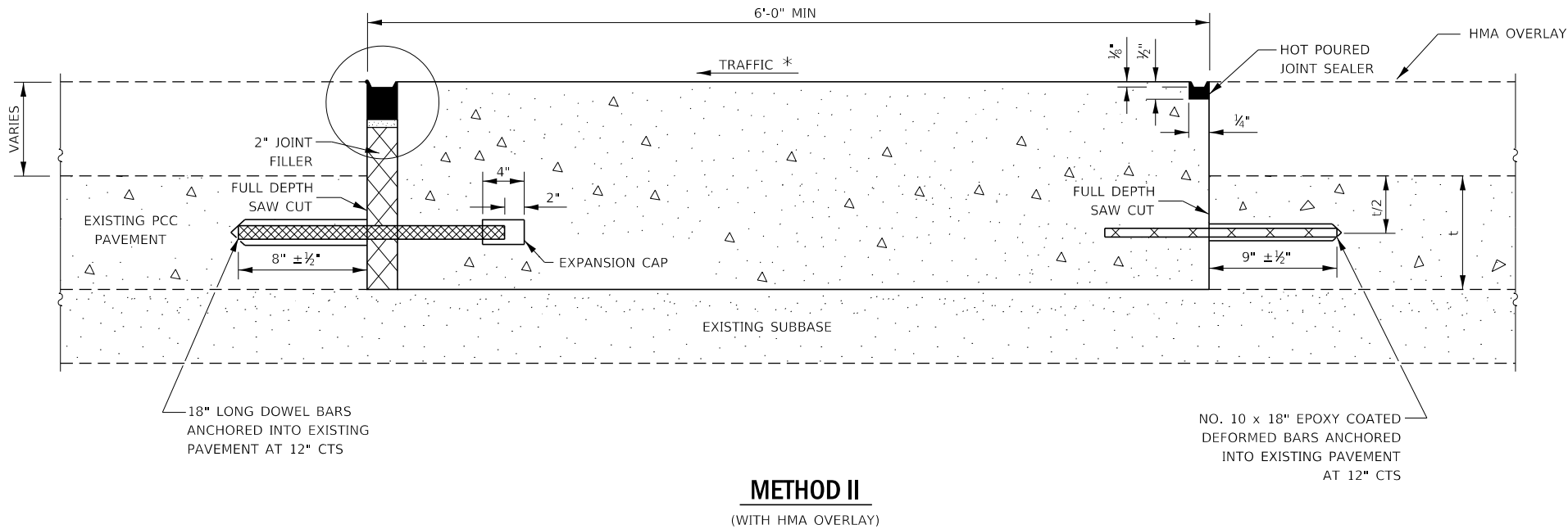
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.



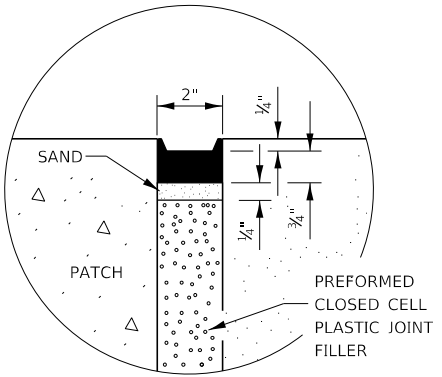
METHOD I
(WITHOUT HMA OVERLAY)



SEALING DETAIL



METHOD II
(WITH HMA OVERLAY)

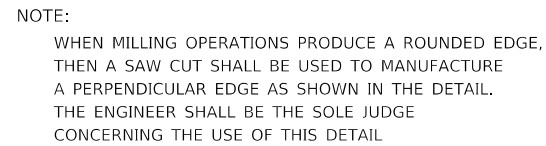


SEALING DETAIL

NOTE

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

FILE NAME =	USER NAME = carpenterj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\w\084E\BID\INTEGR\Illinois.gov\PW\DOT\Documents\DOT Offices\District 3\Projects\EP03204\CADData\CADsheets\03204\03204-01.dgn			REVISED -				57	(46-2,46-3)RS-3 & I	KANKAKEE	76	67
			REVISED -								
			REVISED -								
PLOT SCALE = 100,0000' / in.		CHECKED -	REVISED -	SCALE: _____	SHEET 4 OF 13 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66E67				
PLOT DATE = 2/1/2019		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

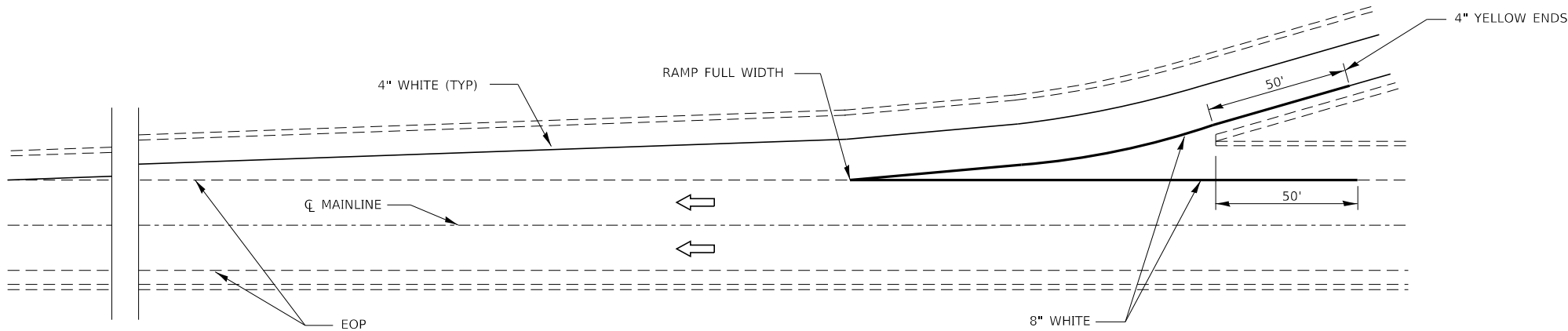


Plan view of the bridge deck and approach sections. The bridge deck is 100 feet wide, divided into two 50-foot lanes. The approach sections are 150 feet long, divided into three 50-foot segments. The bridge deck is labeled "EXIST BRIDGE WITH CONC APPROACH". The approach sections are labeled "1 1/2\" HMA SURF REM" and "PAY FOR AS 1 1/2\" HMA SURF REM". The stationing (STA) is indicated at the ends of the sections.

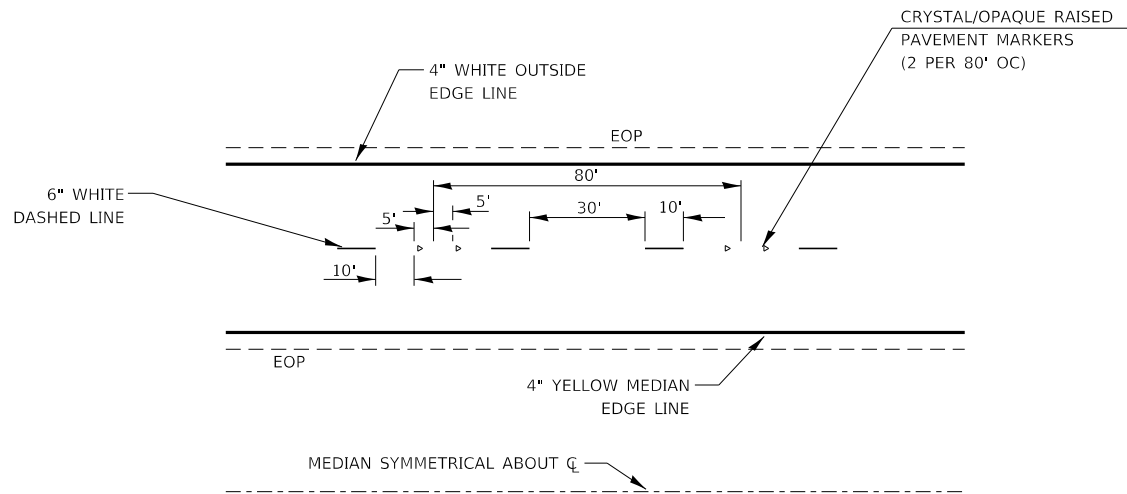
STRUCTURE BUTT JOINT

MILLING AND RESURFACING AT BRIDGE

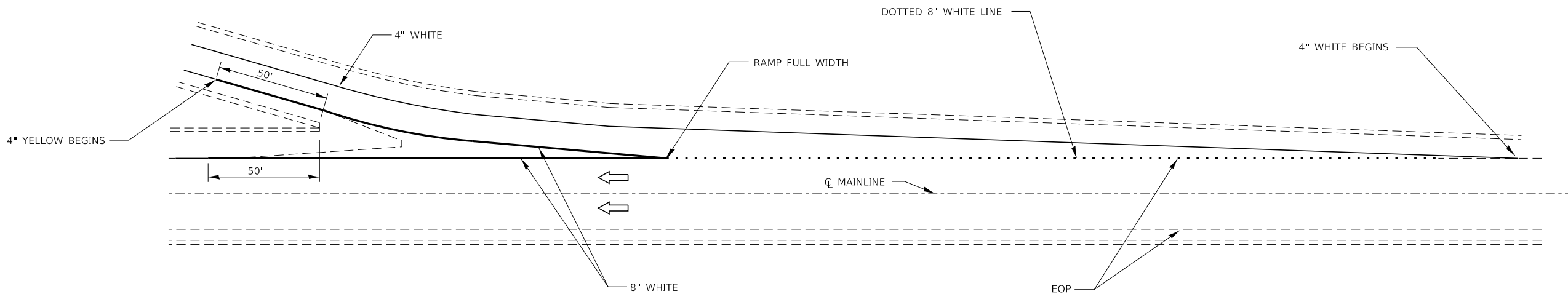
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p:\084EB\INTEGR\Illinois.gov\PM\DOT\Documents\DOT Offices\District 3\Projects\EP03204\CADData\CADsheets\ID366\DRAWING.dgn		DRAWN - _____	REVISED - _____			57	(46-2,46-3)RS-3 & I	KANKAKEE	76	68
						CONTRACT NO. 66E67				
Default										
	PLOT SCALE = 100,000' = 1" in.	CHECKED - _____	REVISED - _____							
	PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____							
				SCALE: _____	SHEET 5 OF 13 SHEETS	STA. _____ TO STA. _____				
							ILLINOIS	FED. AID PROJECT		



TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS

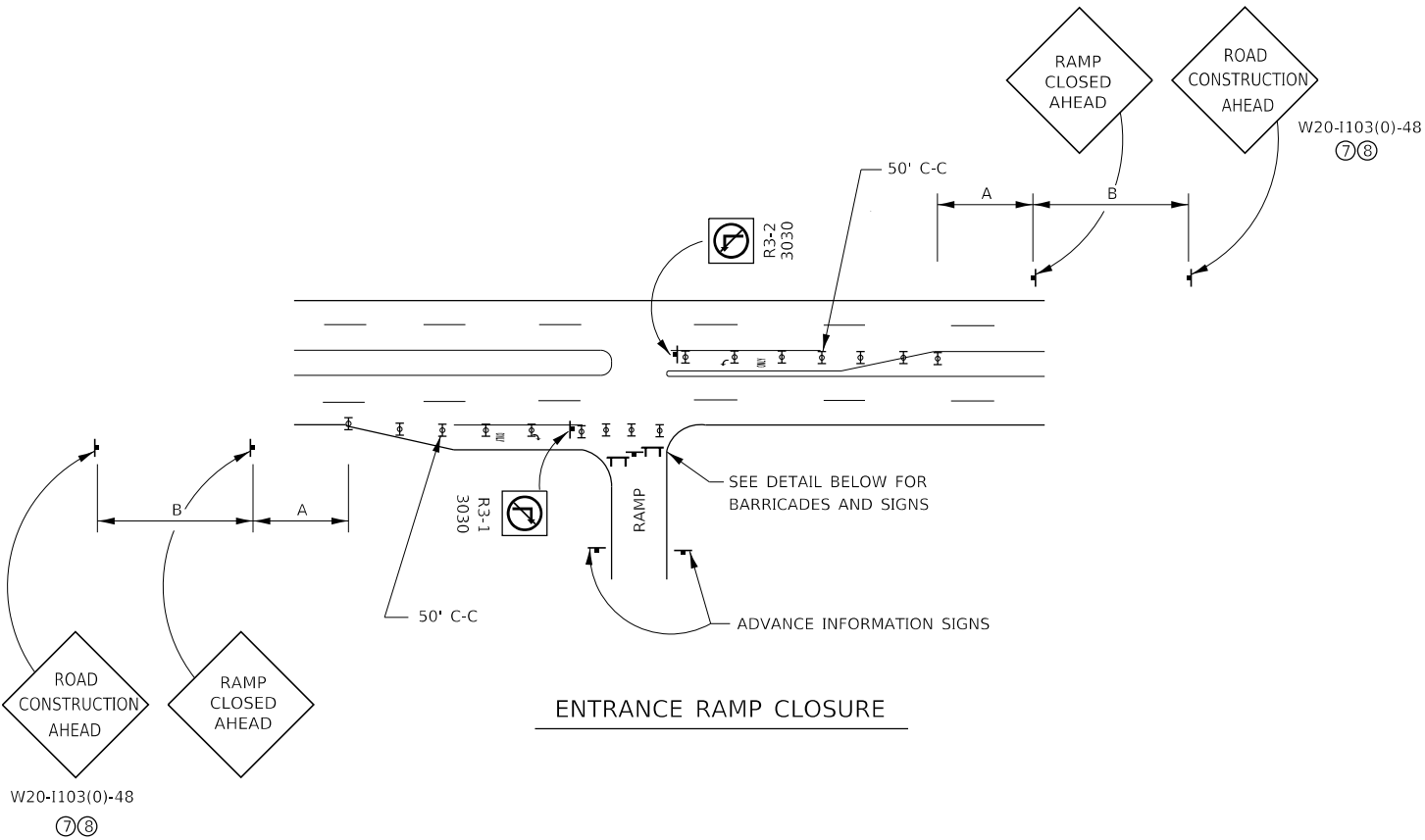


TYPICAL PAVEMENT MARKINGS



TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

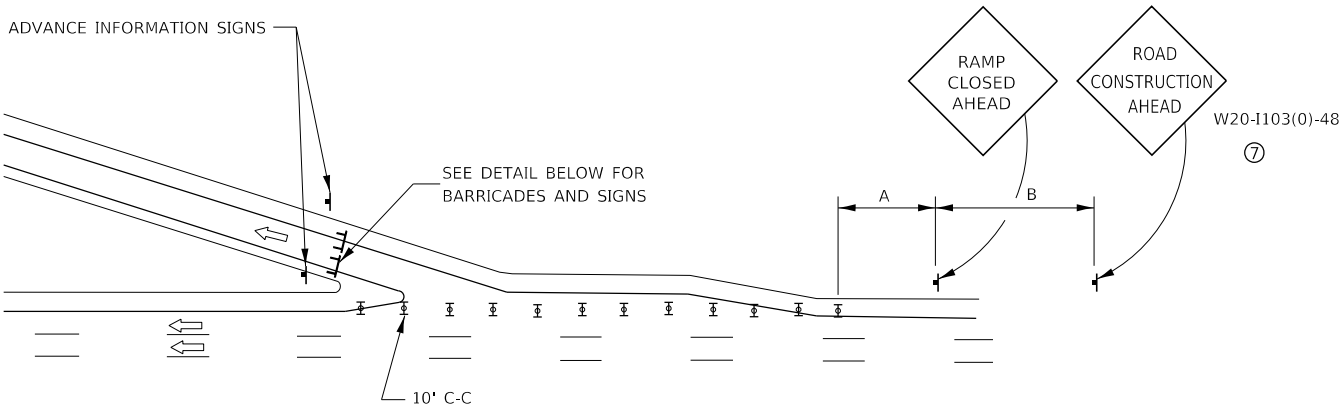
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			REVISED - _____								57	(46-2,46-3)RS-3 & I	KANKAKEE	76	69
	PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____							CONTRACT NO. 66E67					
	PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT										
	SCALE: _____				SHEET 6 OF 13 SHEETS		STA. _____ TO STA. _____								



ENTRANCE RAMP CLOSURE

FACILITY	SIGN SPACING TABLE	
	A	B
EXPRESSWAY >24 HOURS	1000'	1500'
EXPRESSWAY ≤24 HOURS	500'	500'
ARTERIAL ≥45 MPH	350'	350'
ARTERIAL <45 MPH	150'	150'

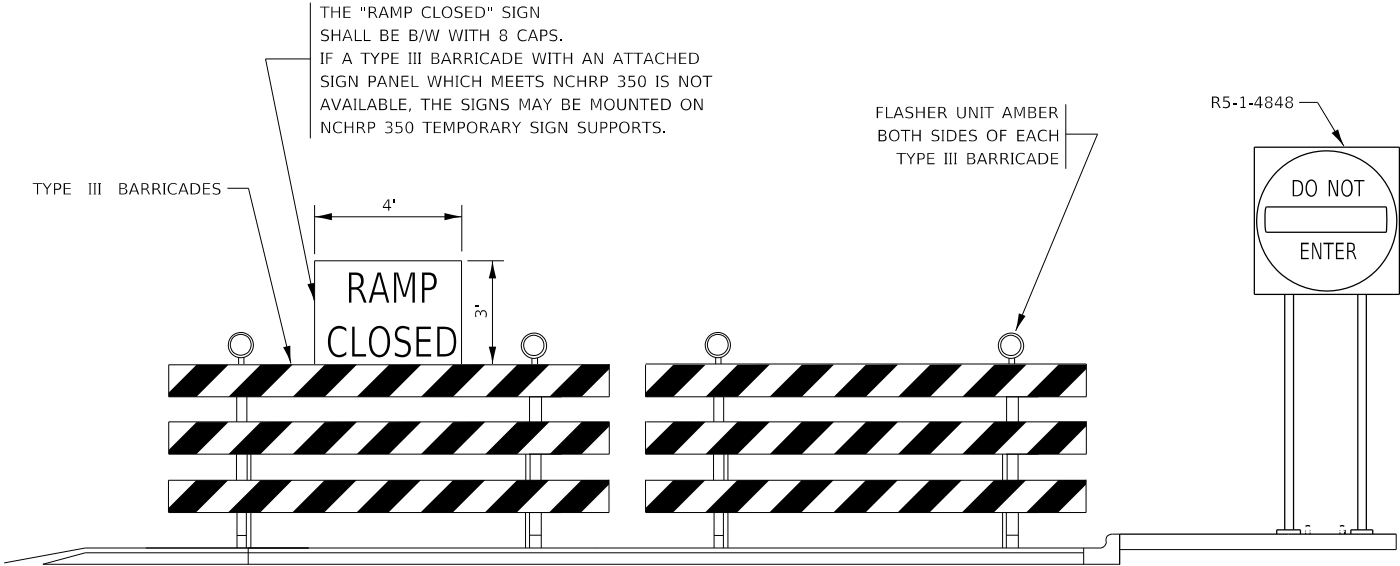
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

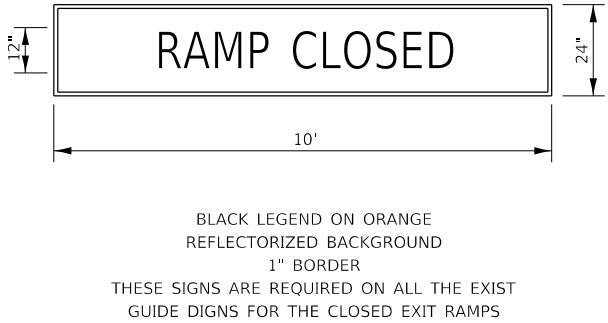
SYMBOLS

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

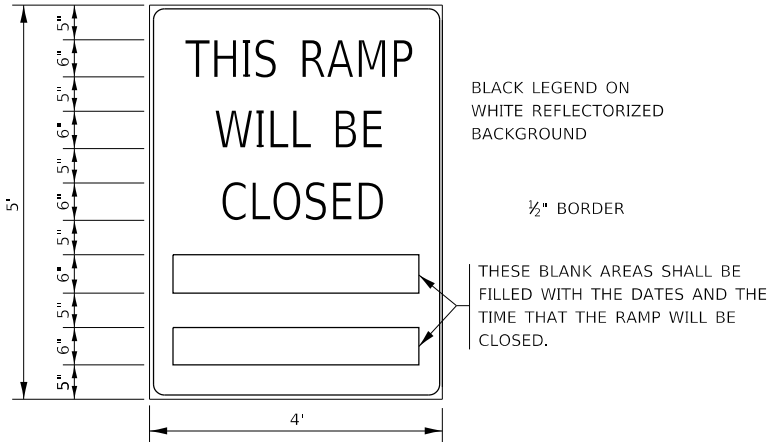


DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



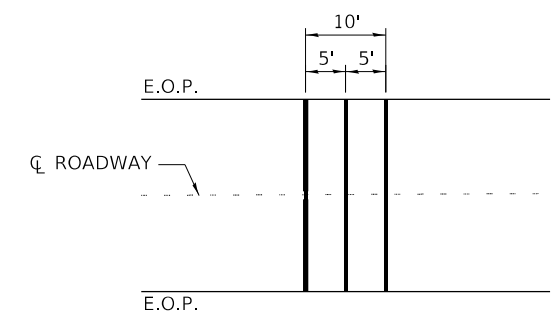
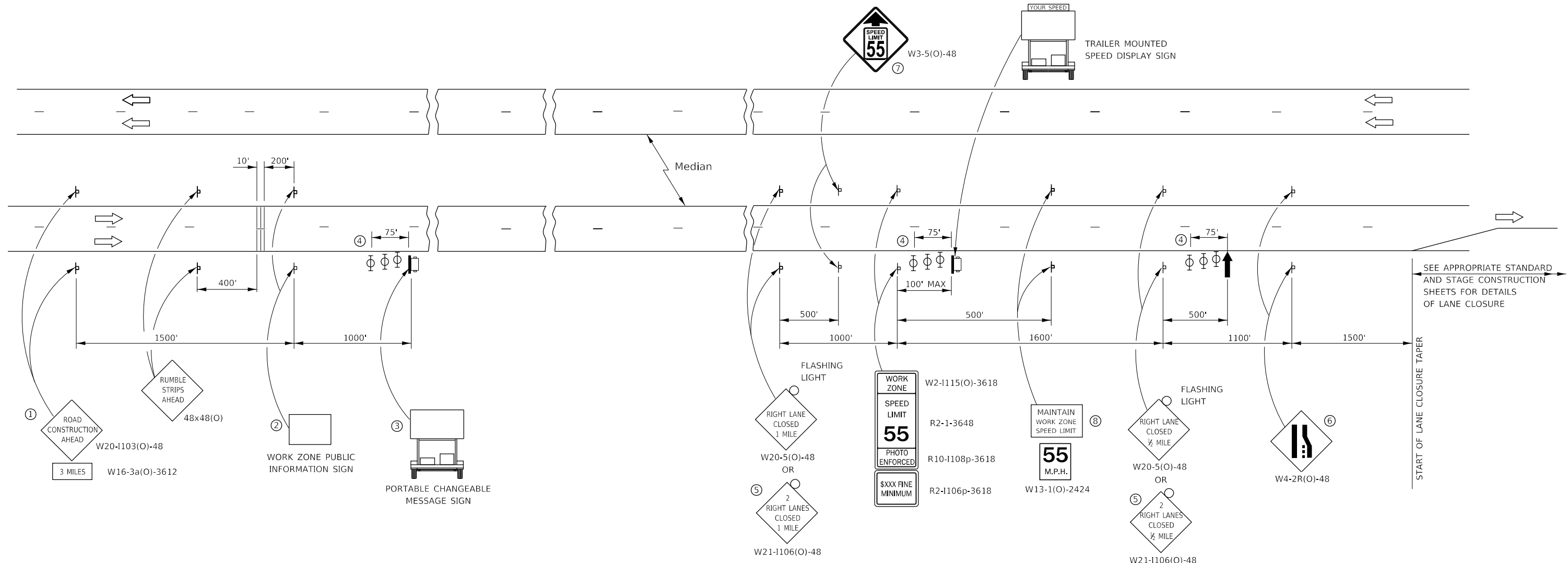
RAMP CLOSURE ADVANCE INFORMATION SIGN



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

GENERAL NOTES:

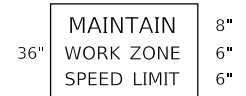
- STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- ALL ROUTE MARKERS AND SIGN ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- THE SIGNING AND BARRICADING WHICH IS REQUIRED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



TEMPORARY RUMBLE STRIP

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
"RIGHT LANE CLOSED" / " x MILES AHEAD"
"LEFT LANE CLOSED" / " x MILES AHEAD"
"ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

- ⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.



- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ☐ SIGN
- ☐ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- ☐ TEMPORARY RUMBLE STRIPS (SEE SPECIAL PROVISION)

GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

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

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

SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

SPACING FOR DELINEATORS
ON HORIZONTAL CURVES

Radius of Curve Feet (m)	Spacing on Curve Feet (m)	Spacing in Advance and Beyond Curve Feet (m)		
		1st. Space	2nd. Space	3rd. Space
Less than 100 (30)	20 (5)	40 (10)	65 (20)	125 (40)
100 - 174 (30 - 54)	30 (10)	60 (20)	90 (25)	180 (55)
175 - 224 (55 - 69)	35 (10)	70 (20)	110 (35)	200 (60)
225 - 274 (70 - 84)	40 (10)	85 (25)	125 (40)	200 (60)
275 - 349 (85 - 104)	50 (15)	95 (30)	145 (45)	200 (60)
350 - 449 (105 - 134)	55 (15)	110 (35)	170 (50)	200 (60)
450 - 549 (135 - 164)	65 (20)	125 (40)	190 (60)	200 (60)
550 - 649 (165 - 199)	70 (20)	140 (45)	200 (60)	200 (60)
650 - 749 (200 - 229)	75 (25)	150 (45)	200 (60)	200 (60)
750 - 849 (230 - 259)	80 (25)	165 (50)	200 (60)	200 (60)
850 - 949 (260 - 289)	85 (25)	175 (55)	200 (60)	200 (60)
950 - 1049 (290 - 319)	90 (25)	185 (55)	200 (60)	200 (60)
1050 - 1299 (320 - 394)	100 (30)	200 (60)	200 (60)	200 (60)
1300 - 1999 (395 - 609)	125 (40)	200 (60)	200 (60)	300 (90)
2000 - 2999 (610 - 914)	150 (45)	200 (60)	200 (60)	300 (90)
3000 - 3999 (915 - 1219)	175 (55)	200 (60)	300 (90)	300 (90)
4000 or greater (1220)	400 (120)	400 (120)	400 (120)	400 (120)

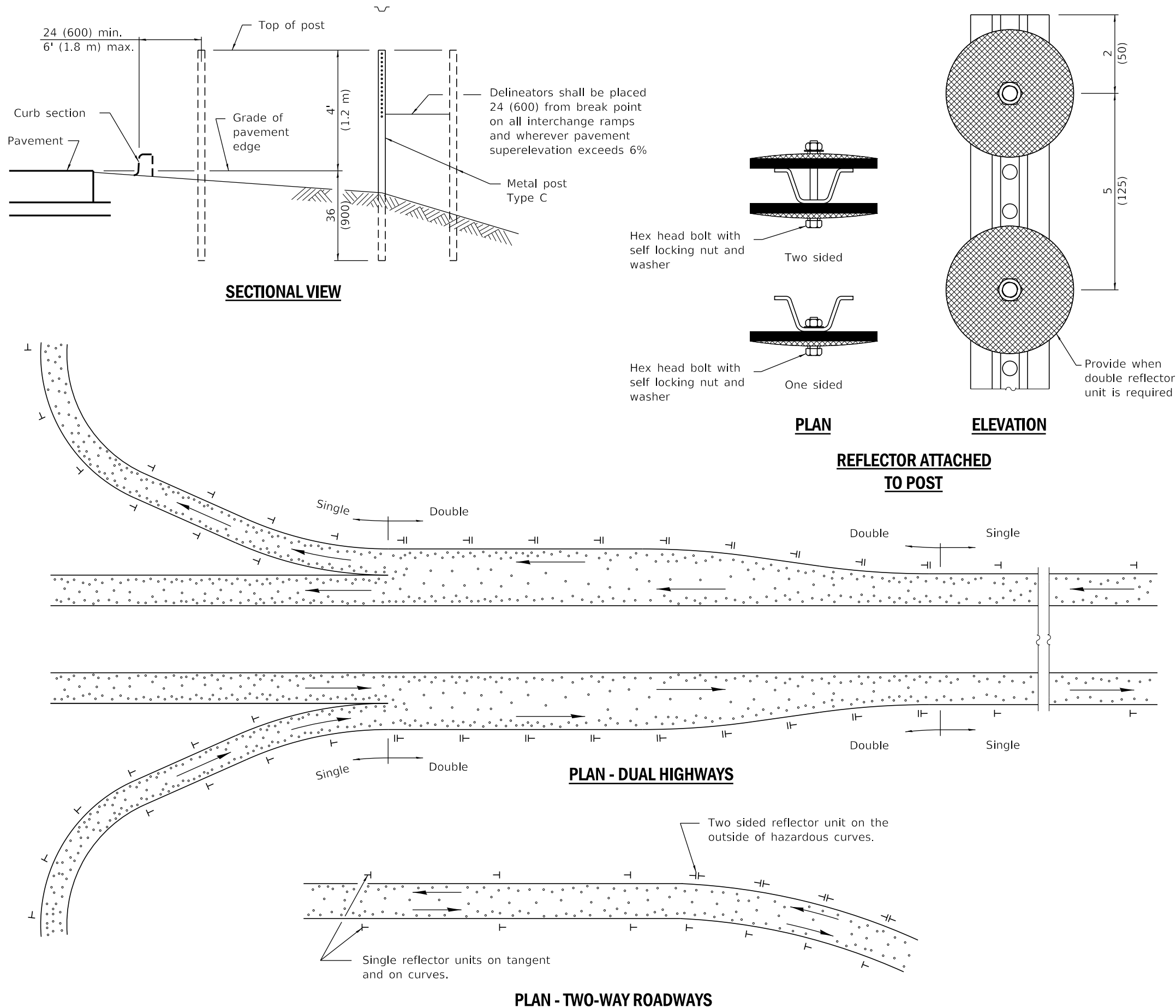
GENERAL NOTES

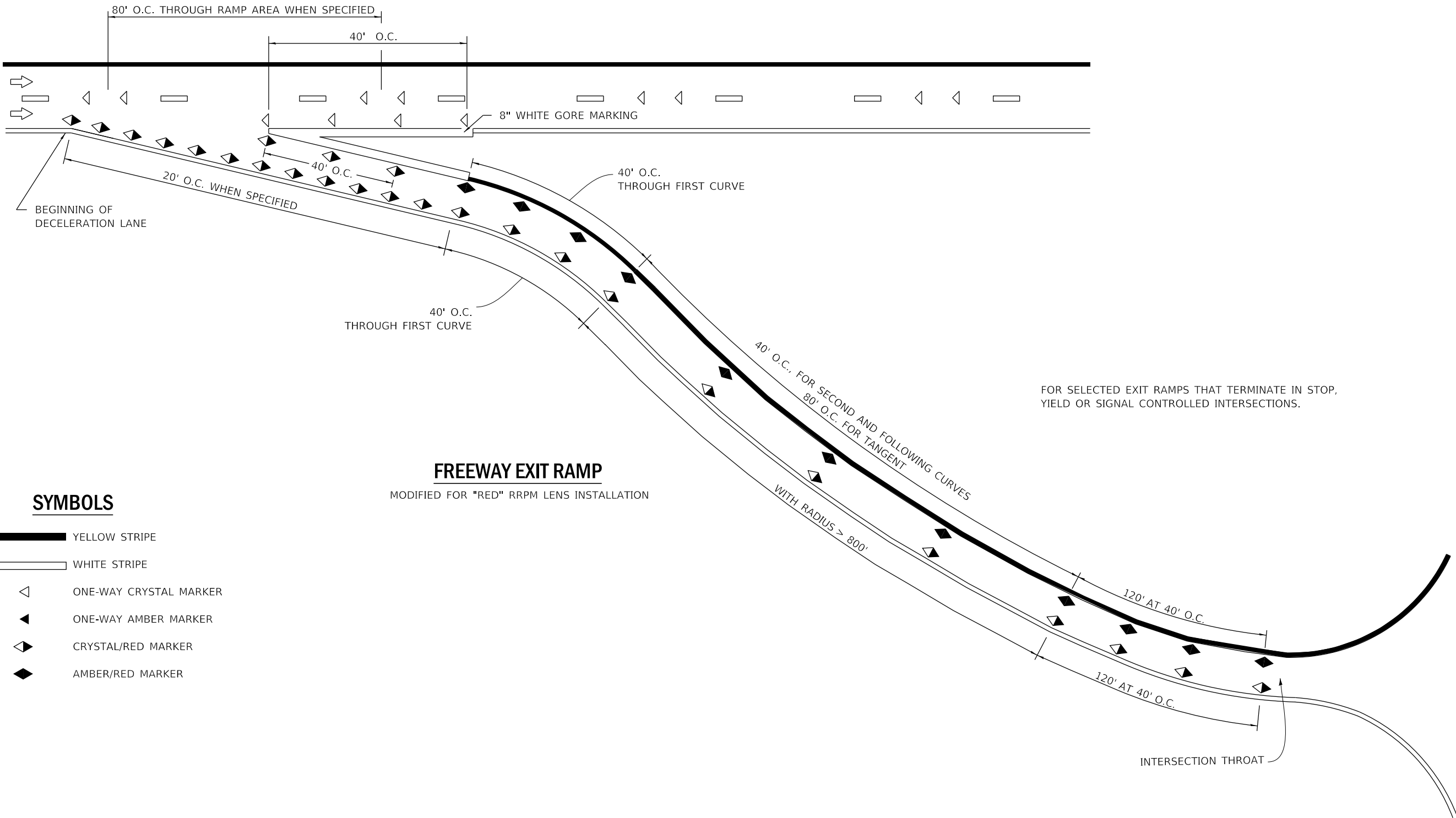
Delineators on tangent sections of main line roadways shall be placed at 400' (120 m) spacing. Delineators on ramps and acceleration and deceleration lanes shall be placed at a maximum spacing of 100' (30 m).

Refer to Standard 720011 for details of metal post.

Double reflector units shall be used on the outside of all acceleration and deceleration lanes. Single reflector units shall be used on ramps. Delineators shall be used on outside of all curved sections of ramps.

All dimensions are in inches (millimeters) unless otherwise shown.





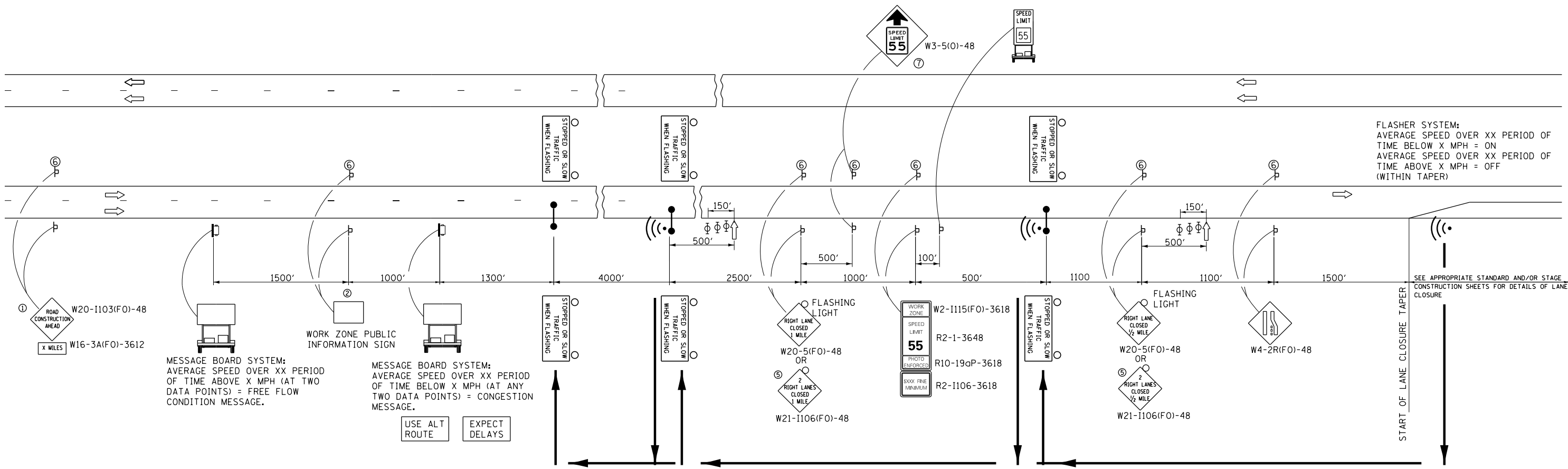
SYMBOLS

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

FREEWAY EXIT RAMP

MODIFIED FOR "RED" RRPM LENS INSTALLATION

FILE NAME = p:\11084E\BID\INTEGRATING\Illinois.gov\PW\DOT\Documents\DOT Offices\District 3\Projects\EP03204\CADData\CADsheets\ID366\Drawings\ID366-11084E-1.dgn	USER NAME = carpenterd	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____			57	(46-2,46-3)RS-3 & I	KANKAKEE	76	73
	PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____			CONTRACT NO. 66E67				
	Default					SCALE: _____	SHEET 10 OF 13 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT	



MESSAGE BOARD SYSTEM:
AVERAGE SPEED OVER XX PERIOD
OF TIME ABOVE X MPH (AT TWO
DATA POINTS) = FREE FLOW
CONDITION MESSAGE.

MESSAGE BOARD SYSTEM:
AVERAGE SPEED OVER XX PERIOD
OF TIME BELOW X MPH (AT ANY
TWO DATA POINTS) = CONGESTION
MESSAGE.

USE ALT
ROUTE

EXPECT
DELAYS

FLASHER SYSTEM:
AVERAGE SPEED OVER XX PERIOD OF
TIME BELOW X MPH = ON
AVERAGE SPEED OVER XX PERIOD OF
TIME ABOVE X MPH = OFF
(WITHIN TAPER)

SEE APPROPRIATE STANDARD AND/OR STAGE
CONSTRUCTION SHEETS FOR DETAILS OF LANE
CLOSURE

- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT.
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ THIS SIGN SHALL BE OMITTED WHEN MEDIAN IS LESS THAN 10'
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊢ SIGN
- ⊙ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- ⋮ RTTCS SIGN

GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

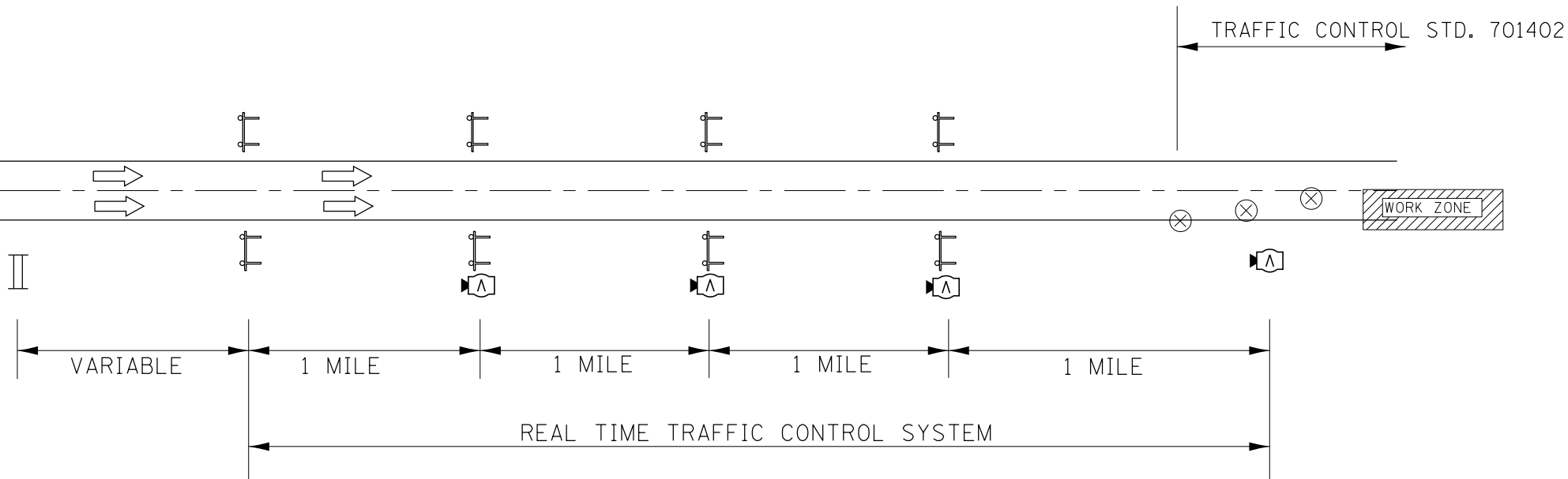
WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

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

WHEN THERE IS AN RTTCS SIGN ON THE RAMP, PLACE IT CLOSE TO THE SIDEROAD, SO IT CAN BE SEEN FROM THE CROSSROAD.

SEE SPECIAL PROVISIONS AND RTTCS DETAIL.

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN.



NOTES:

- ① ACTUAL LOCATION OF REAL TIME MONITORING DEVICES SHALL BE BASED ON MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS ALONG WITH THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.
- ② MODIFICATIONS MAY BE NECESSARY TO ACCOMODATE SPECIFIC CLOSURES. ALL CHANGES WILL BE APPROVED BY THE ENGINEER.

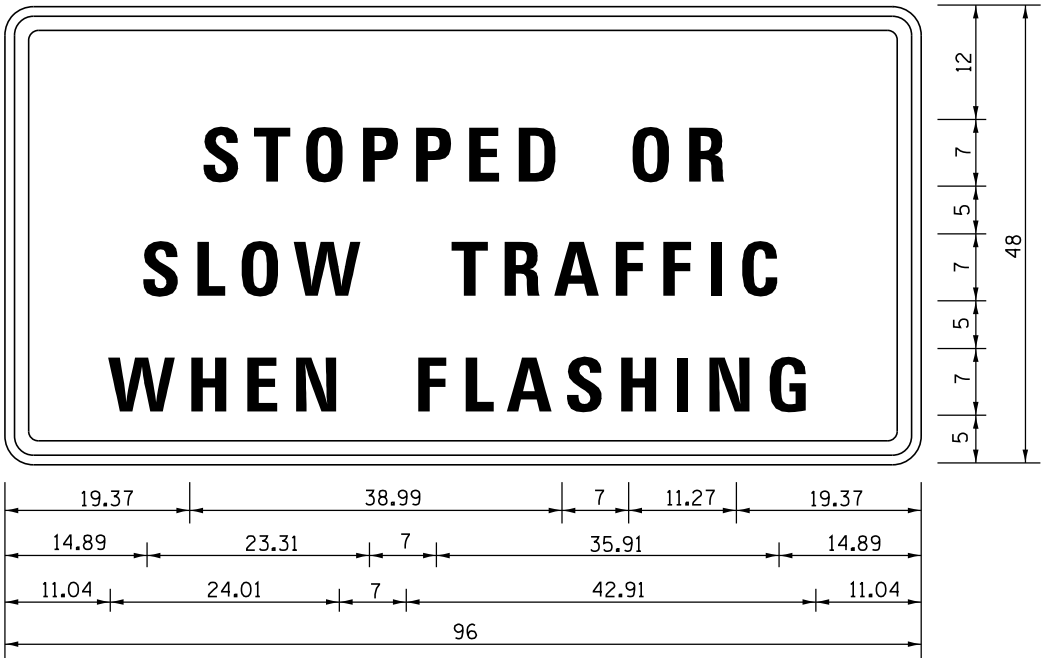
LEGEND

II PORTABLE CHANGEABLE MESSAGE SIGN

RTTC SENSOR REAL TIME TRAFFIC SENSOR

WARNING SIGN W' WIG WAG LIGHTS AND RTTC SENSOR

FILE NAME =	USER NAME = carpenterj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REAL TIME TRAFFIC CONTROL SETUP DETAIL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwc\ILL064E\BID\INTEG\Illnotes\gov\PI\DOT\Documents\DOT Offices\District 3\Projects\EP03204\CAD\Drawings\Drawings\03204-3\03204-3-01.dgn		DRAWN -	REVISED -			57	(46-2,46-3)RS-3 & I	KANKAKEE	76	75
	PLOT SCALE = 115.2311' / in.	CHECKED -	REVISED -			CONTRACT NO. 66E67				
Default	PLOT DATE = 2/1/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: _____ SHEET 12 OF 13 SHEETS STA. _____ TO STA. _____										



Stopped Or Slow Traffic When Flashing; 2.25" Radius, 1.00" Border, 0.63" Indent, Black on Orange;
"STOPPED OR" D 2K; "SLOW TRAFFIC" D 2K; "WHEN FLASHING" D 2K;

TABLE OF LETTER AND OBJECT LEFTS

S 19.37	T 24.69	O 29.94	P 36.45	P 42.26	E 48.07	D 53.60	O 65.36	R 71.87			
S 14.89	L 20.84	O 26.09	W 31.97	T 45.20	R 50.59	A 55.91	F 62.91	F 68.30	I 73.69	C 76.35	
W 11.04	H 18.32	E 24.76	N 30.29	F 42.05	L 47.44	A 52.20	S 58.71	H 64.66	I 71.10	N 73.90	G 80.20

RTTC SIGN DETAIL

EXACT LOCATIONS OF SIGNS AND OTHER RTTC SENSOR UNIT
EQUIPMENT SHALL BE DETERMINED AS DETAILED IN SPECIAL
PROVISION FOR REAL-TIME TRAFFIC CONTROL SYSTEM

SIGNS TO BE EQUIPPED WITH FLASHERS (SEE SPECIAL PROVISION)

FILE NAME =	USER NAME = carpenterj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RTTC SIGN DETAIL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwc\ill084E\BID\INTEG\Illnotes\gov\PI\DOT\Documents\DOT Offices\District 3\Projects\EP03204\CADData\CADsheets\03204-66E67\RTTC\RTTC_Sign_Detail.dgn		DRAWN -	REVISED -			57	(46-2,46-3)RS-3 & I	KANKAKEE	76	76
	PLOT SCALE = 115.8311' / in.	CHECKED -	REVISED -			CONTRACT NO. 66E67				
Default	PLOT DATE = 2/1/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: _____	SHEET 13 OF 13 SHEETS	STA. _____	TO STA. _____	