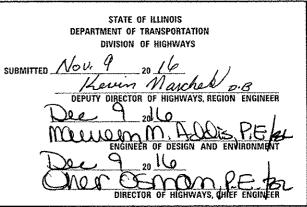


D-93-002-15



URS	AN	URBAN				
OTHER PRINCI	PLE ARTERIAL	INTERSTATE				
(OF	PA)					
F.A.P. 840	(US 45/52)	F. A. I. 5	7 (1-57)			
20	15	20	15			
NORTH	SOUTH	WEST	EAST			
00811 = TCA	ADT = 8950	ADT = 20100	ADT = 23000			
P. V. = 90.26%	P. V. = 85.34%	P. V. = 63.93%	P. V. =72.06%			
S.U. = 5.93%	S. U. = 7.52%	S. U. = 9. 20%	S. U. = 4,46%			
M. U. = 3.81%	M. U. = 7.14%	M.U. = 26,87%	M. U. = 23,48%			



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.

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.

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

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.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH

CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE

RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD

SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL

NOT BE PAID FOR SEPARATELY. BUT WILL BE INCLUDED IN THE COST OF

EARTH EXCAVATION.

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 / SO YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION

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

COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SCALE:

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

DATE:

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

FILE NAME :	USER NAME	= woodshankel	DESIGNED -	R	W	REVISED	-
a=1\\ILU84EBIDINTEG.:Itinai=.goviPWIDOT\Oo	comental 100T	Offices/Oistrict 3/Projects/036	EDRAWNOota\PPE	i (II R	WARY PLANS	REVISED	-
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Dolaute	PLOT DATE	· 11/5/2016	DATE -	7	/12/2016	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
GENERAL NOTES				840	(46-4HBK)[R	KANKAKEE	36	2			
 ,						V			CONTRACT	NO. 1	66E83
 SHEET	1	OF	1	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		

CONT. MAINT. 100% STATE BRIDGE CODE TOTAL 0014 UNIT QUANTITY S. N. 046-0052 NO. ITEM 20200100 EARTH EXCAVATION CU YD 163.3 163.3 35101400 AGGREGATE BASE COURSE, TYPE B TON 939 939 35101600 AGGREGATE BASE COURSE, TYPE B 4" SO YD 405 405 40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 1000 1000 44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" SQ YD 1795 1795 44000500 COMBINATION CURB AND GUTTER REMOVAL FOOT 1069 1069 44004250 PAVED SHOULDER REMOVAL SO YD 40 40 48203029 HOT-MIX ASPHALT SHOULDERS. 8" SQ YD 40 40 50102400 CONCRETE REMOVAL CU YD 70 70 50157300 PROTECTIVE SHIELD SQ YD 465 465 50300255 CONCRETE SUPERSTRUCTURE CU YD 71.5 71.5 50300260 BRIDGE DECK GROOVING SO YD 1644 1644 50300300 PROTECTIVE COAT SQ YD 274 274 50800205 REINFORCEMENT BARS, EPOXY COATED POUND 12849 12849

SCALE:

		3
		3

	FILE NAME =	USER NAME = woodshenkrl	DESIGNED -	RW	REVISED	-	
-	pwi\\ILØ84EBIQINTEG.iJlinois.gov:PWIDGT\Qo	uments\1007 Offices\Oistrict 3\Projects\036	E BRAWN Coto\PREL	INTHARY PLANS	REVISED	*	7
		PLOT SCALE = 182.8288 1/ In.	CHECKED -	EP	REVISED	*	
	Default	PLOT DATE = 11/5/2016	DATE -	7/12/2016	REVISED		7

SUMN	MARY	0F	QU	ANT	ITIES		
SHEET 1	OF 4	SHE	ETS	STA.		TO	STA

RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(46-4HBK)]R	KANKAKEE	36	3
		CONTRACT	NO. 6	6E83
	ILLINOIS FED. A	D PROJECT		

CONSTR. CODE

				CONSTR. CODE
				100% STATE
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		BRIDGE
CODE			TOTAL	0014
NO.	ITEM	UNIT	QUANTITY	S. N. 046-0052
		3,111	COANTIT	3. N. 040 0032
50800515	BAR SPLICERS	EACH	12	12
52000110	PREFORMED JOINT STRIP SEAL	FOOT	136	136
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	2568	2568
63300575	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	100	100
67100100	MOBILIZATION	L SUM		ŀ
70100400	TRAFFIC CONTROL AND PROTECTION, STANDARD 701431	EACH	1	t
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1
70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	LSUM	**************************************	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	Annual control of the	1
		TO AND THE STATE OF THE STATE O		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	**************************************	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	TO ANALYSIS OF THE STATE OF THE	1
			And the state of t	erangen erangen den gemen gemen erangen erangen erangen erangen erangen erangen erangen bereiten erangen berei
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1132	1132
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	374	374
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	108.4	108.4

SCALE:

1

*SPECIALITY ITEMS

FILE NAME =	USER NAME = voodshankel	DESIGNED - RW	REVISED -
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	PLOT SCALE > 100.0000 1/ 10.	CHECKED - EP	REVISED ~
Jafault.	PLOT DATE 4 11/5/2016	DATE - 7/12/2016	REVISED -

STATI	E OF	LLINOIS
DEPARTMENT	0F	TRANSPORTATION

:	SUM	M	ARY	OF	QUAN	TITIES	
 SHEET	2	OF	4	SHEETS	STA.	TO	STA

	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
i	840	(46-4HBK)IR	KANKAKEE	36	4
_			CONTRACT	NO. E	6E83
1		ILLINOIS FED. A	O PROJECT		

			[	CONSTR. CODE
				CONT. MAINT.
		<del></del>		100% STATE
5555				BRIDGE
CODE		-	TOTAL	0014
NO.	ITEM	UNIT	QUANTITY	S. N. 046-0052
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	7629	7629
A CONTRACTOR OF THE CONTRACTOR			A CONTRACTOR OF THE CONTRACTOR	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	242	242
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	218	218
		***	The state of the s	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	F00T	22	22
70400100	TEMPORARY CONCRETE BARRIER	COOT	750	250
70400100	TEMPORARI CONCRETE DARRIER	FOOT	350	350
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
			And the state of t	
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	188	188
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	3201	3201
			Manual Annual An	
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	F00T	650	650
7000000	HODICICO HOCTALANC DANCARTA HABILING AND ON			
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	52	52
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	15	15
X0323078	REMOVE AND RE-ERECT EXISTING BRIDGE RAIL	FOOT	450	450
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	4392	4392
***************************************				**************************************
	TEMPORARY PAVEMENT REMOVAL	SQ YD	405	405

SCALE:

Estat

·SPECIALITY ITEMS

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	pwt\\1L084E8101NTEG.111tenpts.gov:PWI00T\0a	ents\1001 Officee\Oistrict 3\Projects\D36ffBRAWNDate\PRELIMBARY PLANS	REVISED -	-
	i		REVISEO -	
DaTe - 7/12/2016 REVISED -	Derault		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 3 OF 4 SHEETS STA. TO STA.

CONSTR. CODE CONT. MAINT. 100% STATE BRIDGE

0014

4

TOTAL

4

1

EACH

LSUM

SQ YD

405

405

UNIT QUANTITY S. N. 046-0052 NO. ITEM X4402020 | CONCRETE MEDIAN SURFACE REMOVAL SQ FT 2568 2568

X6061610 COMBINATION CONCRETE CURB AND GUTTER, TYPE B (MODIFIED) FOOT 1069 1069

<del>X7010410</del> SPEED DISPLAY TRAILER-CAL-MO-

Z0006012 BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 INCHES SQ YD 1770 1770

Z0012130 BRIDGE DECK SCARIFICATION 3/4" SO YD 1770 1770 Z0012754 | STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES) SQ FT 372 372

Z0016001 DECK SLAB REPAIR (FULL DEPTH, TYPE I) 5 5

Z0016002 DECK SLAB REPAIR (FULL DEPTH, TYPE 11) SQ YD 78 78

Z0030850 | TEMPORARY INFORMATION SIGNING SQ FT 42 42

*SPECIALITY ITEMS

Z0062456 TEMPORARY PAVEMENT

CODE

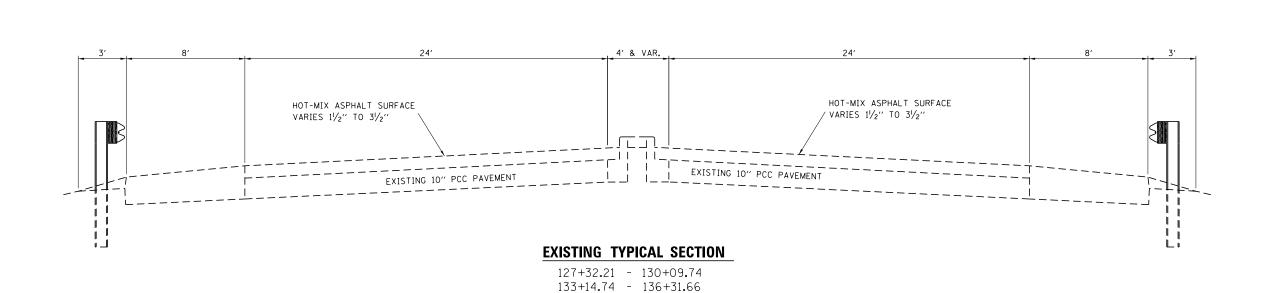
X5080525 BAR SPLICERS, SPECIAL

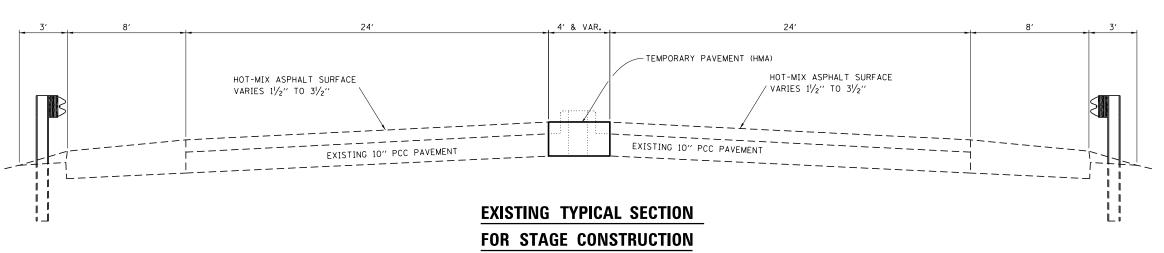
X7200201 WIDTH RESTRICTION SIGNING

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MIN TRINING

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put\\(L084EBIDINTEG.::\timess.gay:P\()O0T\De	perments/1904 Uffices/Usstrict 3/Projects/U36	SEBRANNED ALA SPRELINGUMARY PLANS	REVISED -	STATE OF ILLINOIS	SUMMARY OF QUANTITIES	840 (46-4HBK)IR	KANKAKEE 36 6
	PLOY SCALE : 128.8088 '/ In.	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 66E83
(int nutt	PLOT DATE * 11/5/2016	DATE - 7/12/2016	REVISED -		SCALE: SHEET 4 OF 4 SHEETS STA TO STA	ILLINOIS FED. AL	O PROJECT





127+32.21 - 130+09.74 133+14.74 - 136+31.66

	HMA MIXTUR	RE REQUIREMENT TABL	E			
LOCATION(S):		130+09.74 MEDIAN 136+31.66 MEDIAN	STA. 130+10 - STA. 130+20 LT & RT SHOULDER STA. 132+95 - STA. 133+15 LT & RT SHOULDER			
MIXTURE USE(S):	TEMPORARY PAVEMENT FOR STAGING - LOWER LIFTS - BINDER	TEMPORARY PAVEMENT FOR STAGING - TOP LIFT - SURFACE	SHOULDER BOTTOM LIFT(S) BINDER	SHOULDER TOP LIFT SURFACE		
BINDER GRADE (PG):	PG64-22	PG64-22	PG64-22	PG64-22		
DESIGN AIR VOIDS:	4.0% @N90	4.0% @N90	4.0% @N50	4.0% @N50		
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 19.0	IL 9.5		
FRICTION AGGREGATE:		MIXTURE C		MIXTURE C		
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN		
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA		
SUBLOT SIZE:	N/A	N/A	N/A	N/A		
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES		

FILE NAME =	USER NAME = woodshankrl	DESIGNED - RW	REVISED			F.A.P.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
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	PLOT SCALE = 100.0000 ' / in.	CHECKED - EP	REVISED	DEPARTMENT OF TRANSPORTATION				CONTRACT	T NO. 66E83
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED		SCALE: SHEET 1 OF 1 SHEETS STA TO STA		ILLINOIS FED.	AID PROJECT	

#### SCHEDULE - TEMPORARY PAVEMENT MARKING

LOCATION	TEMPORARY PAVEMENT MARKING L&S	TEMPO PAVEN MARK LINE	MENT ING E	TEMPORARY PAVEMENT MARKING LINE	TEMPORARY PAVEMENT MARKING LINE	TEMPORARY PAVEMENT MARKING LINE			PAVE		Γ MARKII TER BLA		)VAL		
		4'		6′′	8′′	24′′									
	SQ FT	FOC	T	FOOT	FOOT	FOOT					SQ FT				
	(WHITE)	(YELLOW)	(WHITE)	(WHITE)	(WHITE)	(WHITE)			ISTING				MPORAR		
STA STA.							(L&S)	4′′	6′′	8′′	12'' (L&	S) 4''	6′′	8′′	24''
					STAGE I										
122+32.21 - 127+32.21 LT															
122+32.21 - 127+32.21 RT		370.0							60.0						
127+32.21 - 130+09.74 LT		411.0	214.0				52.0		30.0						
127+32.21 - 130+09.74 RT		60.0	308.0					121.8	30.0						
130+09.74 - 133+14.74 LT		610.0	610.0				26.0	201.3							
130+09.74 - 133+14.74 RT							37.5	201.3							
133+14.74 - 136+31.66 LT		636.0	242.0		48.0					55.0	12.0				
133+14.74 - 136+31.66 RT		109.0	205.0					196.5							
136+31.66 - 145+00.00 LT		754.0					11.5	165.3	55.0						
136+31.66 - 145+00.00 RT															
STAGE I SUBTOTALS		2950.0	1579.0		48.0		164.5	886.2	325.0	55.0	12.0				
				(	STAGE II										
122+32.21 - 127+32.21 LT															
122+32.21 - 127+32.21 RT												122.1			
127+32.21 - 130+09.74 LT	27.1		158.0	72.0			23.0					206.3			
127+32.21 - 130+09.74 RT		440.0	202.0									121.4			
130+09.74 - 133+14.74 LT				110.0		5.0	11.5					402.6			
130+09.74 - 133+14.74 RT		610.0	610.0			17.0									
133+14.74 - 136+31.66 LT			175.0		170.0							289.7		32.2	
133+14.74 - 136+31.66 RT		542.0	363.0	60.0								103.6			
136+31.66 - 145+00.00 LT	81.3											248.8			
136+31.66 - 145+00.00 RT															
STAGE II SUBTOTALS	108.4	1592.0	1508.0	242.0	170.0	22.0	34.5					1494.5		32.2	
				S	TAGE III										
122+32.21 - 127+32.21 LT	_														
122+32.21 - 127+32.21 RT															
127+32.21 - 130+09.74 LT											27.		36.0		
127+32.21 - 130+09.74 RT							_					211.9			<del></del>
130+09.74 - 133+14.74 LT													55.0		5.0
130+09.74 - 133+14.74 RT							_			-		402.6		117.0	17.0
133+14.74 - 136+31.66 LT							+			-		57.8		113.9	+
133+14.74 - 136+31.66 RT 136+31.66 - 145+00.00 LT										-	81.		30.0		+
136+31.66 - 145+00.00 RT							+			-	⁰¹	J			
STAGE II SUBTOTALS							+			-	100	.4 1023.1	121 0	1170	22 0
TOTALS	108.4	7629	a O	242.0	218.0	22.0	+				4392	17   102J.I	121.0	110.3	1 4 6 0
TUTALS	100.4	1023	J. U	242.0	210.0	22.U					4732				

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	PLOT SCALE = 100.0000 '/ in.	CHECKED - EP	REVISED	DEPARTMENT OF TRANSPORTATION						CONTRACT NO. 66E83
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED		SCALE: SHEET 1 OF	OF 2 SHEETS	STA TO STA	_	ILLINOIS FEE	D. AID PROJECT

#### SCHEDULE - PERMANENT PAVEMENT MARKING

	MO	DIFIED	MODI	FIED	MODIFIED	MODIFIED	MODIFIED
	URE	ETHANE	URET	HANE	URETHANE	URETHANE	URETHANE
	PAV	/EMENT	PAVE	MENT	PAVEMENT	PAVEMENT	PAVEMENT
LOCATION	MΑ	RKING	MARI	KING	MARKING	MARKING	MARKING
		L&S	LINE	4''	LINE 6"	LINE 8"	LINE 12''
		SQ FT	FO	ОТ	FOOT	FOOT	FOOT
	()	WHITE)	(YELLOW)	(WHITE)	(WHITE)	(WHITE)	(WHITE)
STA. TO STA.	THROUGH	THROUGH TWO ARROW					
314.10 314.	ARROW	COMBINATION					
122+32.21 - 127+32.21 LT							
122+32.21 - 127+32.21 RT					120		
127+32.21 - 130+09.74 LT	23	52	246	219	60		
127+32.21 - 130+09.74 RT			252	120	60		
130+09.74 - 133+14.74 LT	11.5	26	305	305	80		
130+09.74 - 133+14.74 RT	11.5	26	305	305	80		
133+14.74 - 136+31.66 LT			302	243	70	52	15
133+14.74 - 136+31.66 RT			290	309	70		
136+31.66 - 145+00.00 LT	11.5	26			110		
136+31.66 - 145+00.00 RT							
SUBTOTALS	58 130		1700	1501			
STAGE I TOTALS		188	32	01	650	52	15

#### SCHEDULE - MEDIAN

	EARTH	COMBINATION	CONCRETE	TEMPORARY	TEMPORARY	AGGREGATE	AGGREGATE	COMBINATION	CONCRETE
LOCATION	EXCAVATION	CURB AND	MEDIAN	PAVEMENT	PAVEMENT	BASE	BASE	CONCRETE	MEDIAN
LOCATION		GUTTER	SURFACE		REMOVAL	CSE.	CSE.	CURB AND GUTTER	SURFACE,
		REMOVAL	REMOVAL			TYPE B 4"	TYPE B	TYPE B, MODIFIED	4 INCH
STA STA.	CU YD	FOOT	SQ FT	SQ YD	SQ YD	SQ YD	TON	FOOT	SQ FT
127+32.21 - 130+09.74	73.2	488	1149	182	182	182	423	488	1149
133+14.74 - 136+31.66	90.1	581	1419	223	223	223	516	581	1419
TOTALS	163.3	1069	2568	405	405	405	939	1069	2568

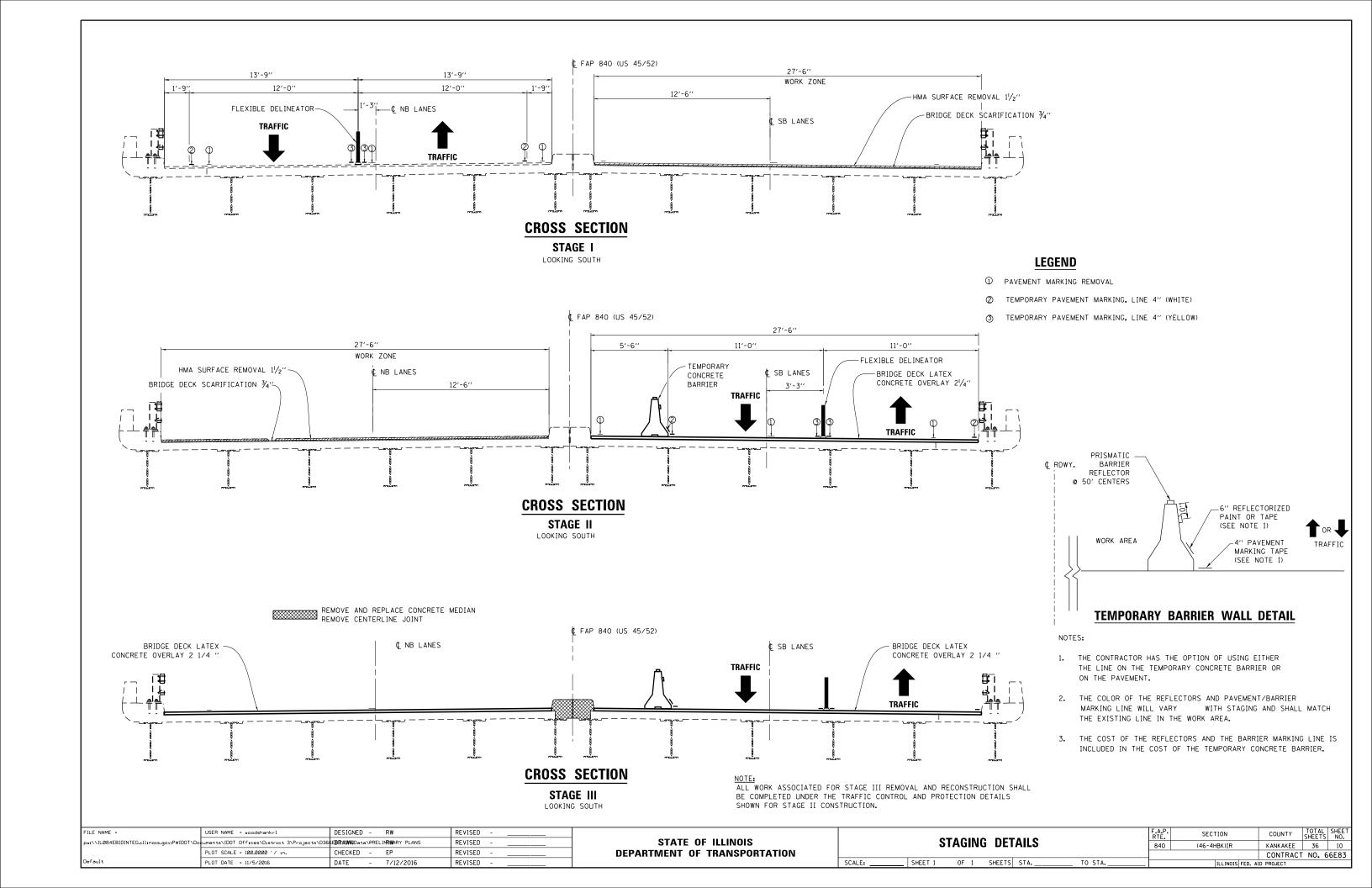
## SCHEDULE - SHOULDER

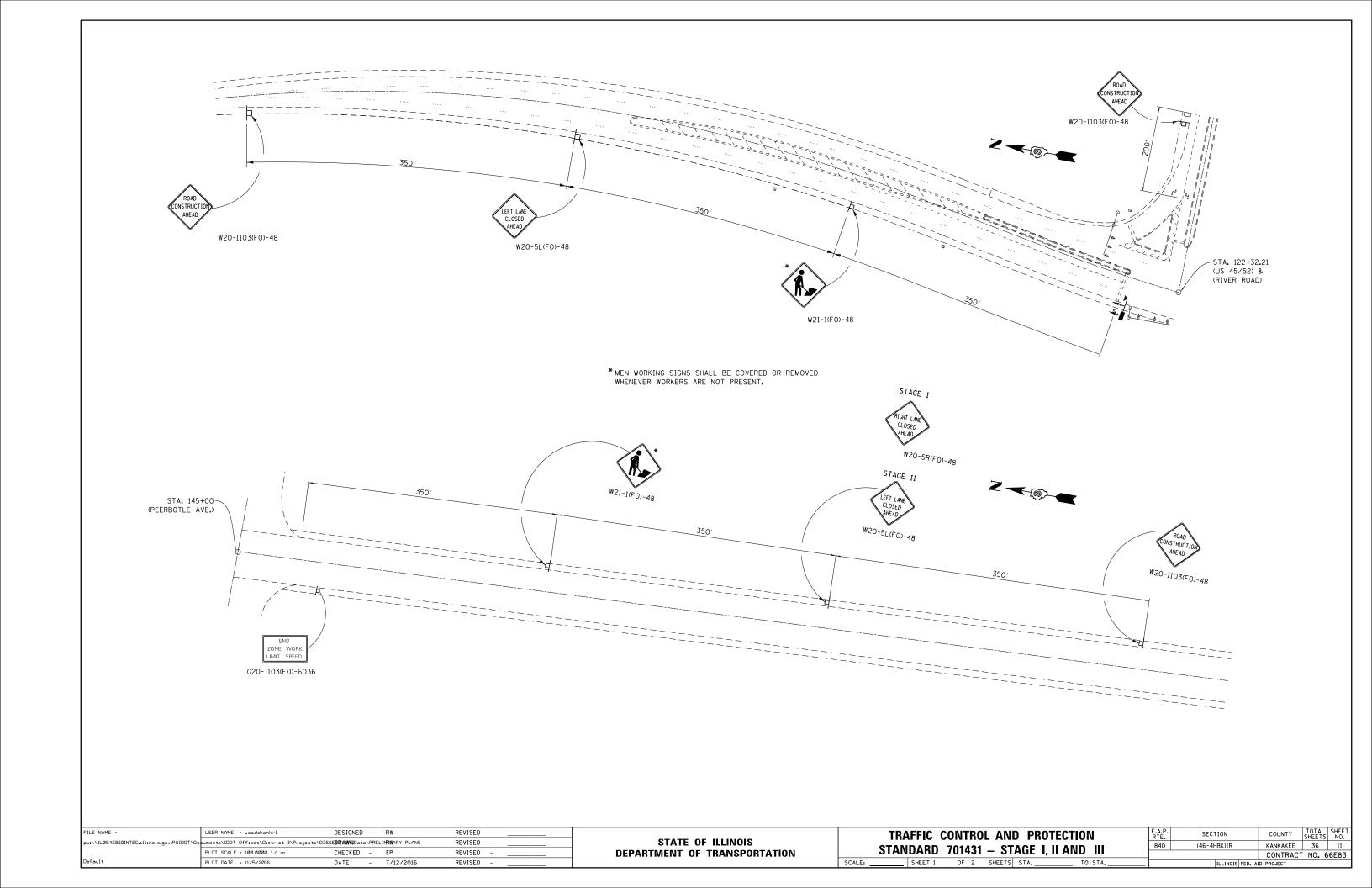
				PAVED	HMA
, ,	^	A T I O N I		SHOULDER	SHOULDER
LOCATION				REMOVAL	8′′
				SQ YD	SQ YD
130+10	130+10 - 130+30 LT.		10	10	
130+10	130+10 - 130+30 RT.		10	10	
132+95		133+15	LT.	10	10
132+95		133+15	RT.	10	10
TOTAL				40	40

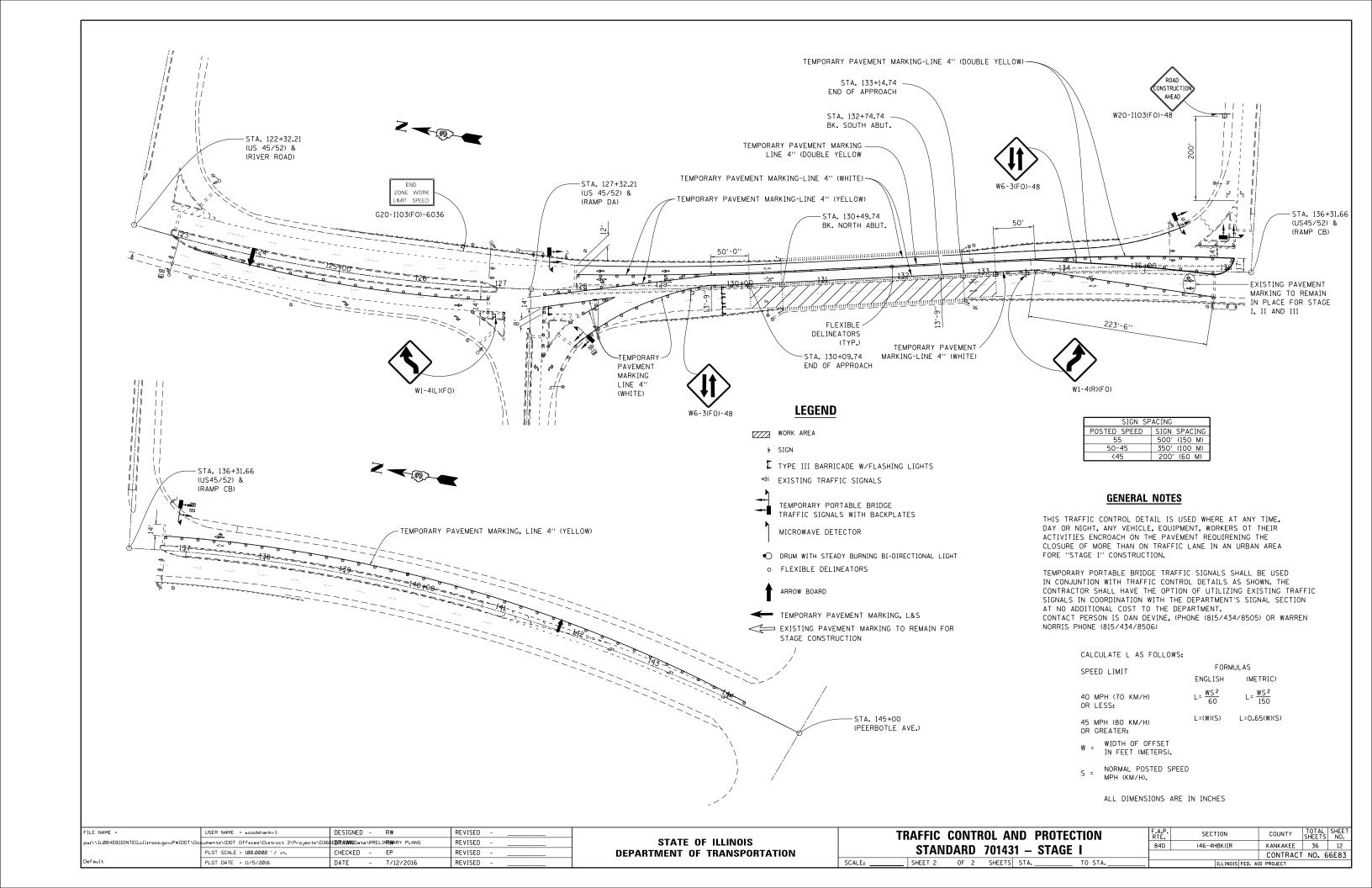
### SCHEDULE - GUARDRAIL

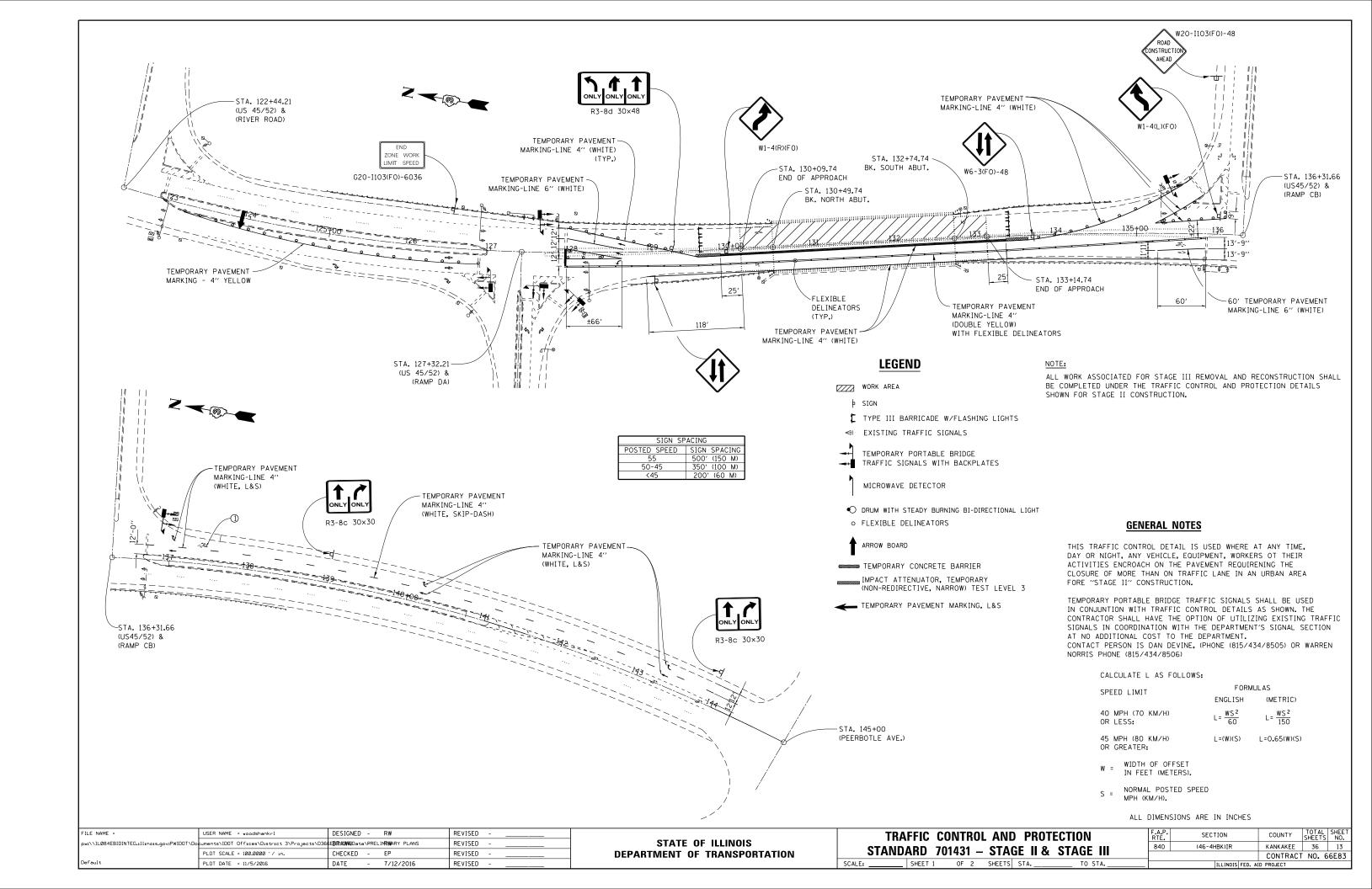
LOCATION		REMOVE AND RE-ERECT RAIL ELEMENT OF EXISTING GUARDRAIL FOOT
STA. 130+49.74	LT.	25
STA. 130+49.75	RT.	25
STA. 132+74.74	LT.	25
STA. 132+74.75	RT.	25
TOTALS		100

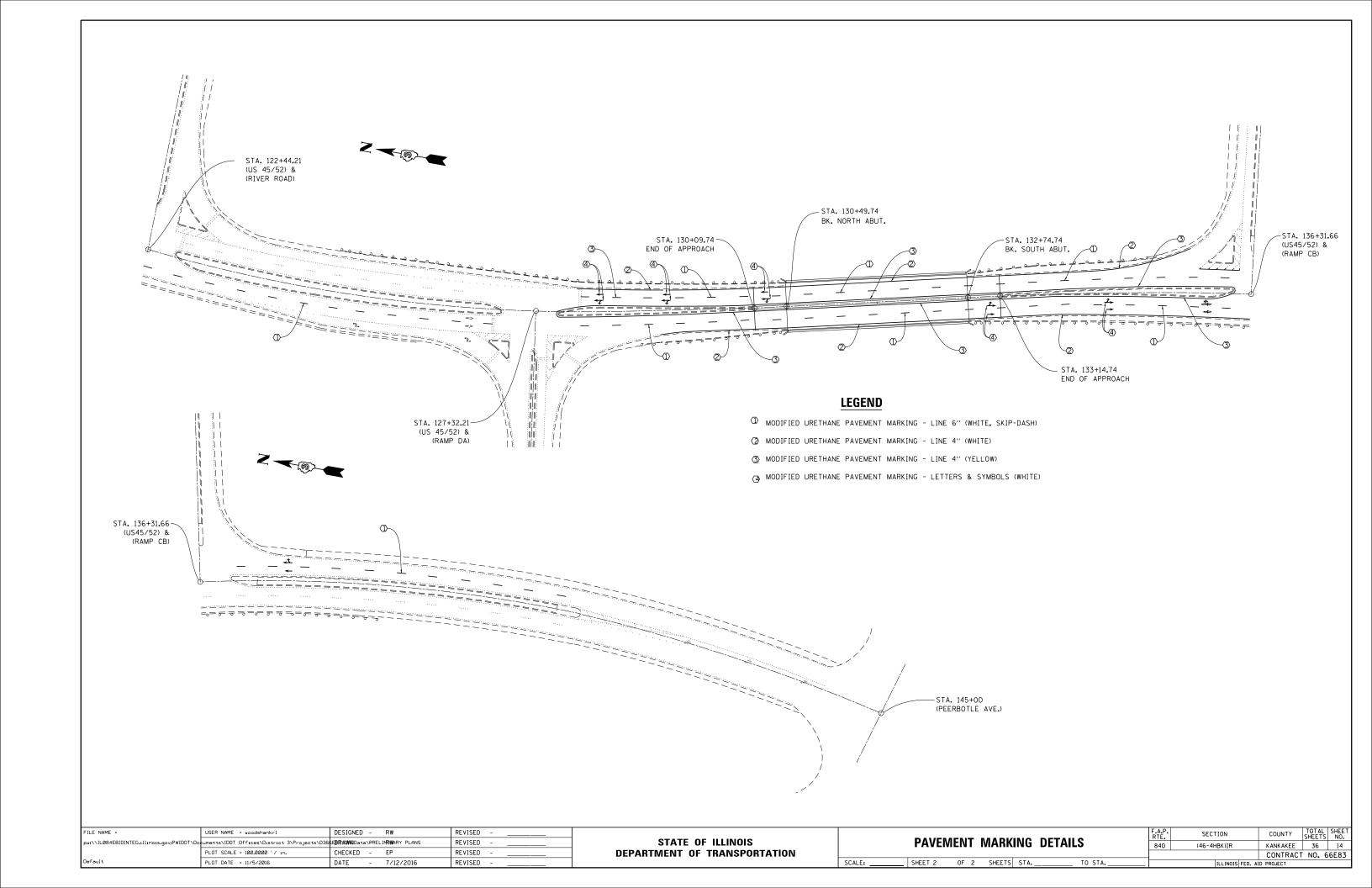
FILE NAME =	USER NAME = woodshankrl	DESIGNED - RW	REVISED -					F.A.P.	SECTION	COUNTY SHEETS	SHEET NO.
pw:\\IL084EBIDINTEG.ıllınoıs.gov:PWIDOT\Do	cuments\IDOT Offices\District 3\Projects\D36	SEBRYOWNDO to \PRELIMRWARY PLANS	REVISED	STATE OF ILLINOIS		SCHEDULES		840	(46-4HBK)IR	KANKAKEE 36	9
	PLOT SCALE = 100.0000 '/ in.	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRACT NO. 6	6E83
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED		SCALE:	SHEET 2 OF 2 SHEETS STA.	TO STA		ILLINOIS FED. A	1	











# MP 315 MP 314 MP 313 MP 312 MP 311 B MP 310 $(\mathbf{A})$ MP 309 MP 305 MP 304 MP 303 MP 302 MP 301 MP 300 MP 299 MP 298 MP 297 MP 294 <u>[52]</u>-MP 293 MP 291 MP 290

# STAGE I

MAX WIDTH 12'-3" 3.15 MILES A HEA D

W12-I103-4848



US 45/52 SOUTHBOUND AT INTERSECTION WITH IL 17

MAX WIDTH 12'-3" 3.20 MILES AHEAD

W12-I103-4848



IL 50 SOUTHBOUND AT INTERSECTION WITH IL 17

MAX WIDTH 12'-3" 13.1 MILES AHEAD

W12-I103-4848



US 45/52 NORTHBOUND AT INTERSECTION WITH IL 49

# **STAGE II**

MAX WIDTH
9'-6"
3.15 MILES
A HEA D

W12-I103-4848



US 45/52 SOUTHBOUND AT INTERSECTION WITH IL 17

MAX WIDTH
9'-6"
3.20 MILES
A HEA D

W12-I103-4848



IL 50 SOUTHBOUND AT INTERSECTION WITH IL 17

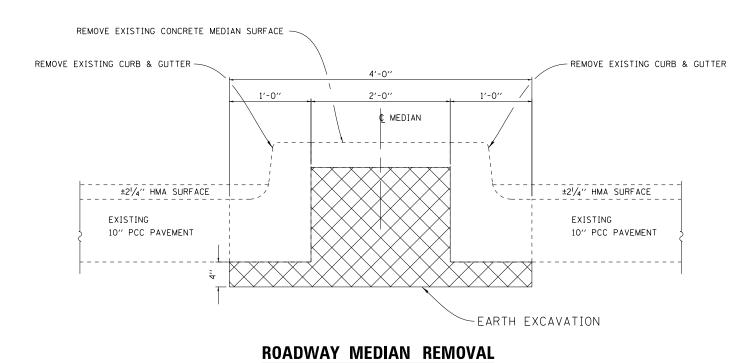
MAX WIDTH 9'-6" 13.1 MILES AHEAD

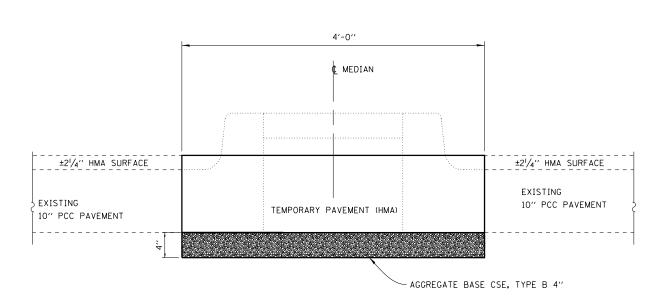
W12-I103-4848



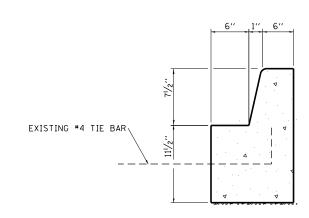
US 45/52 NORTHBOUND AT INTERSECTION WITH IL 49

FILE NAME =	USER NAME = woodshankrl	DESIGNED - RW	REVISED -								F.A.P.	SECTION	COUNTY	SHEETS I	NO.
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	PLOT SCALE = 100.0000 '/ in.	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRAC	T NO. 66E	:83
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED.	. AID PROJECT		

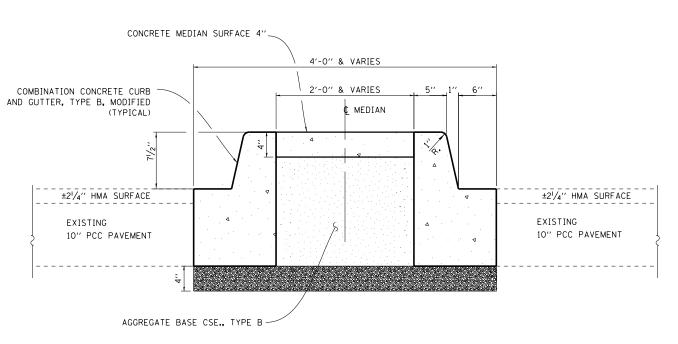




## **ROADWAY MEDIAN TEMPORARY PAVEMENT**

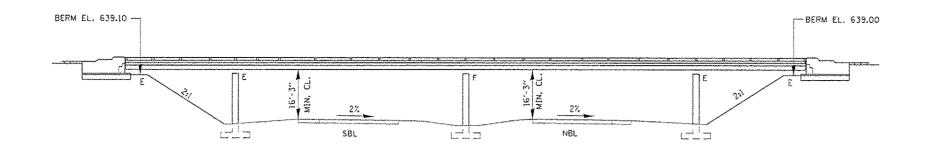


# **COMBINATION CONCRETE CURB AND GUTTER, TYPE B, MODIFIED**

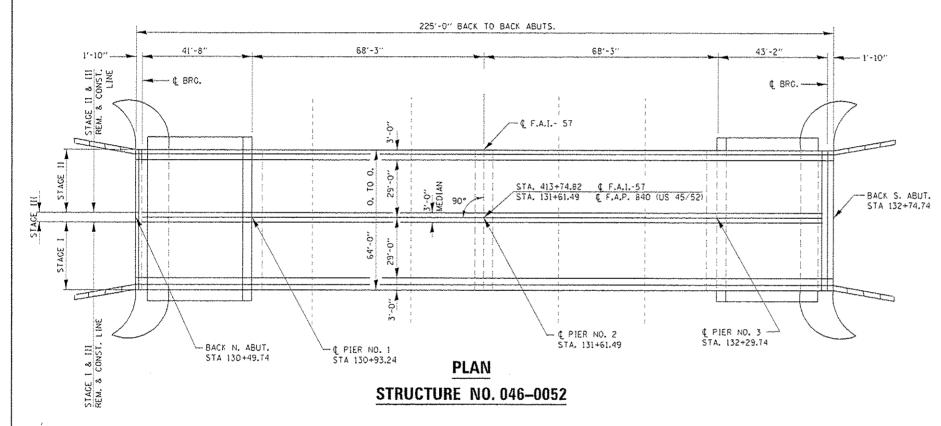


#### **ROADWAY MEDIAN RECONSTRUCTION**

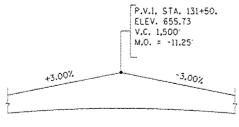
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pw:\\IL084EBIDINTEG.:llinois.gov:PWIDOT\Do	cuments\IDOT Offices\District 3\Projects\D36(		REVISED -	STATE OF ILLINOIS	MEDIAN DETAILS    RTE.   840 (46-4HBK)]R KANKAKEE		KANKAKEE	36 16			
	PLOT SCALE = 100.0000 '/ 10.	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRACT	NO. 66E83
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AII	PROJECT	



#### **ELEVATION**









P.V.I. STA. 414+00. ELEV. 624.25 - V.C. 400' M.O. = 0.04+0.09% +0.01%

### CENTERLINE PROFILE GRADE FAI-57

#### **GENERAL NOTES**

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.

PRIOR TO POURING THE NEW LAYTEX CONCRETE OVERLAY, ALL HEAVY OR LOOSE RUST, LOOSE MILL SCALE, AND OTHER LODSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE.

THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD. THE CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.

JOINT PLATES AND ATTACHED BARS SHALL BE SHOP PAINTED WITH THE INORGANIC ZINC RICH PRIMER PER AASHTO M300, TYPE, 1. NO FIELD PAINT REDUIRED.

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.

SYTHETIC FIBER SHALL BE ADDED TO THE BRIDGE DECK CONCRETE OVERLAY. SEE SPECIAL PROVISIONS.

PROTECTIVE COAT SHALL BE APPLIED TO NEWLY PLACED CONCRETE SURFACES WITH THE FOLLOWING EXCEPTION:

PROTECTIVE COAT SHALL NOT BE APPLIED TO THE NEW LATEX CONCRETE OVERLAY.

#### TOTAL BILL OF MATERIALS

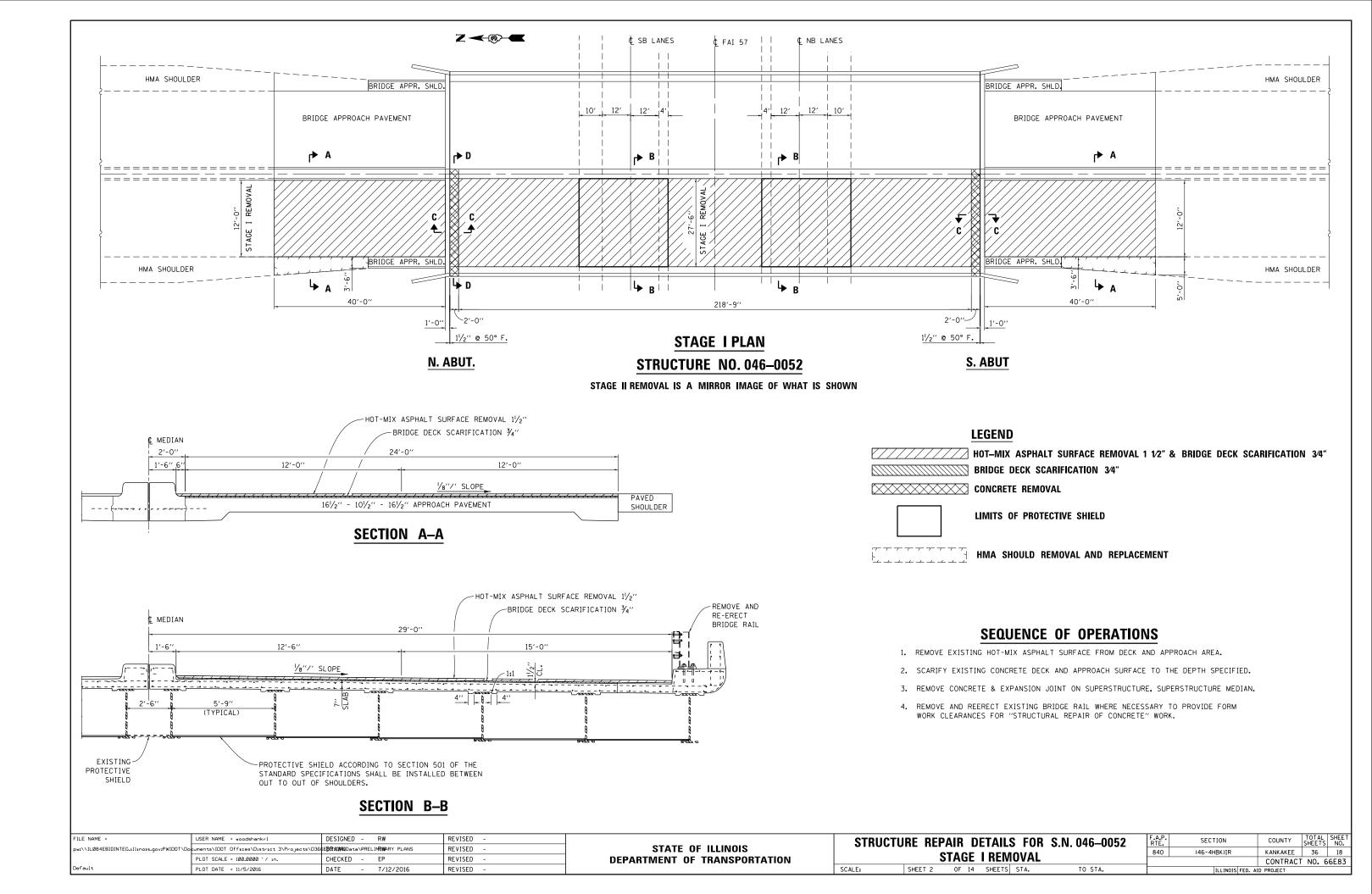
ITEM	UNIT	QUANTITY
HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	SO YD	1795
CONCRETE REMOVAL	CU YD	70
PROTECTIVE SHIELD	SQ YD	465
CONCRETE SUPERSTRUCTURE	CU YD	71.5
BRIDGE DECK GROOVING	SO YD	1644
PROTECTIVE COAT	SQ YD	274
REINFORCEMENT BARS, EPOXY COATED	POUND	12849
BAR SPLICERS	EACH	12
PREFORMED JOINT STRIP SEAL	FOOT	136
REMOVE AND REERECT EXISTING BRIDGE RAIL	FOOT	450
BAR SPLICERS, SPECIAL	EACH	4
BRIDGE DECK LATEX CONCRETE OVERLAY 2 1/4"	SO YD	.1770
BRIDGE DECK SCARIFICATION 3/4"	SQ YD	1770
STRUCTURAL REPAIR FO CONCRETE	CO CT	270
(DEPTH EQUAL TO OR LAESS THAN 5")	SO FT	372
DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	5
DECK SLAB REPAIR (FULL DEPTH, TYPE [])	SO YD	78

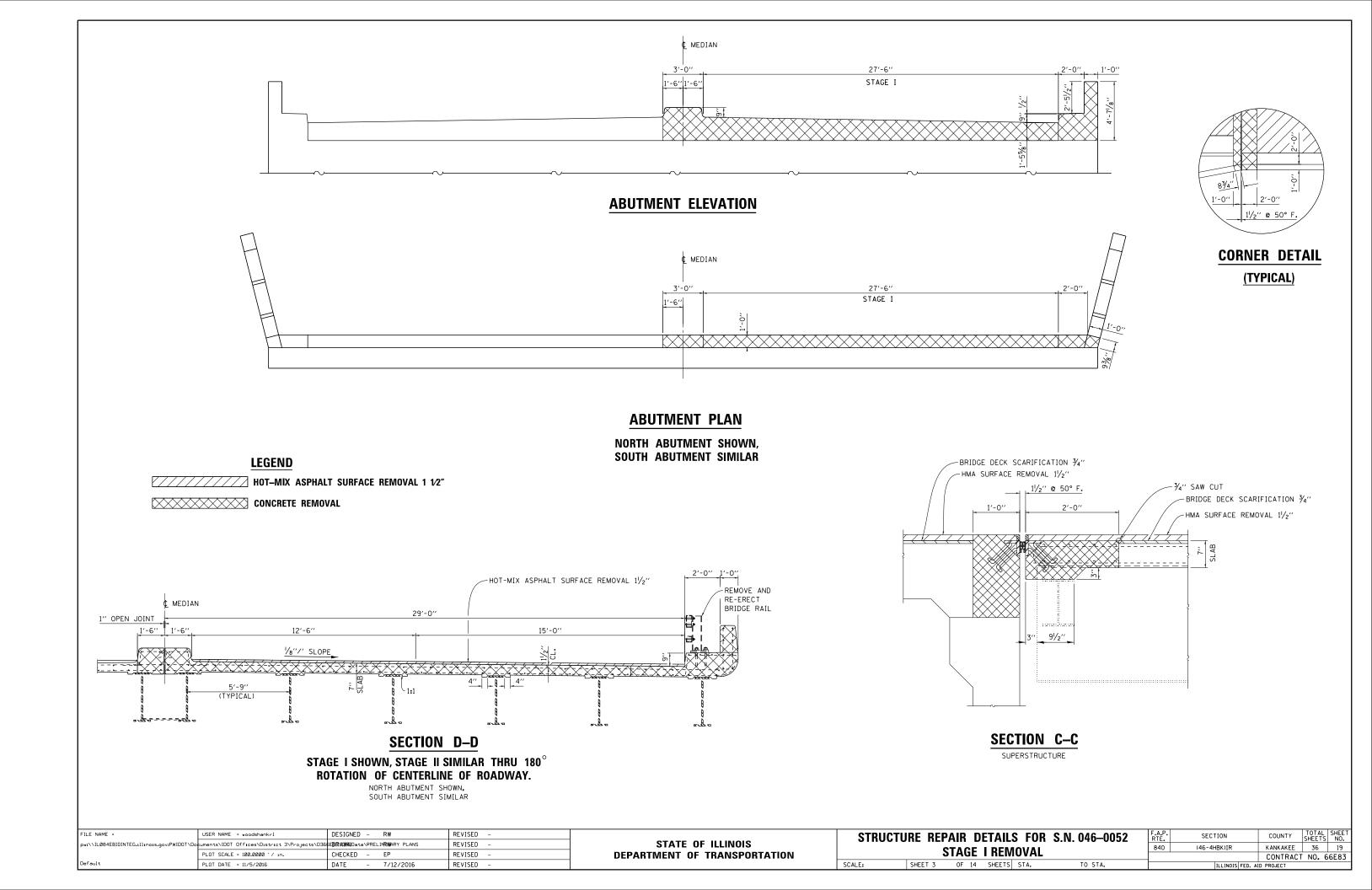
QUANTITIES OF DECK SLAB REPAIR (FULL DEPTH, TYPE 1 HAS BEEN INCLUDED TO ESTABLISH A UNIT BID PRICE.

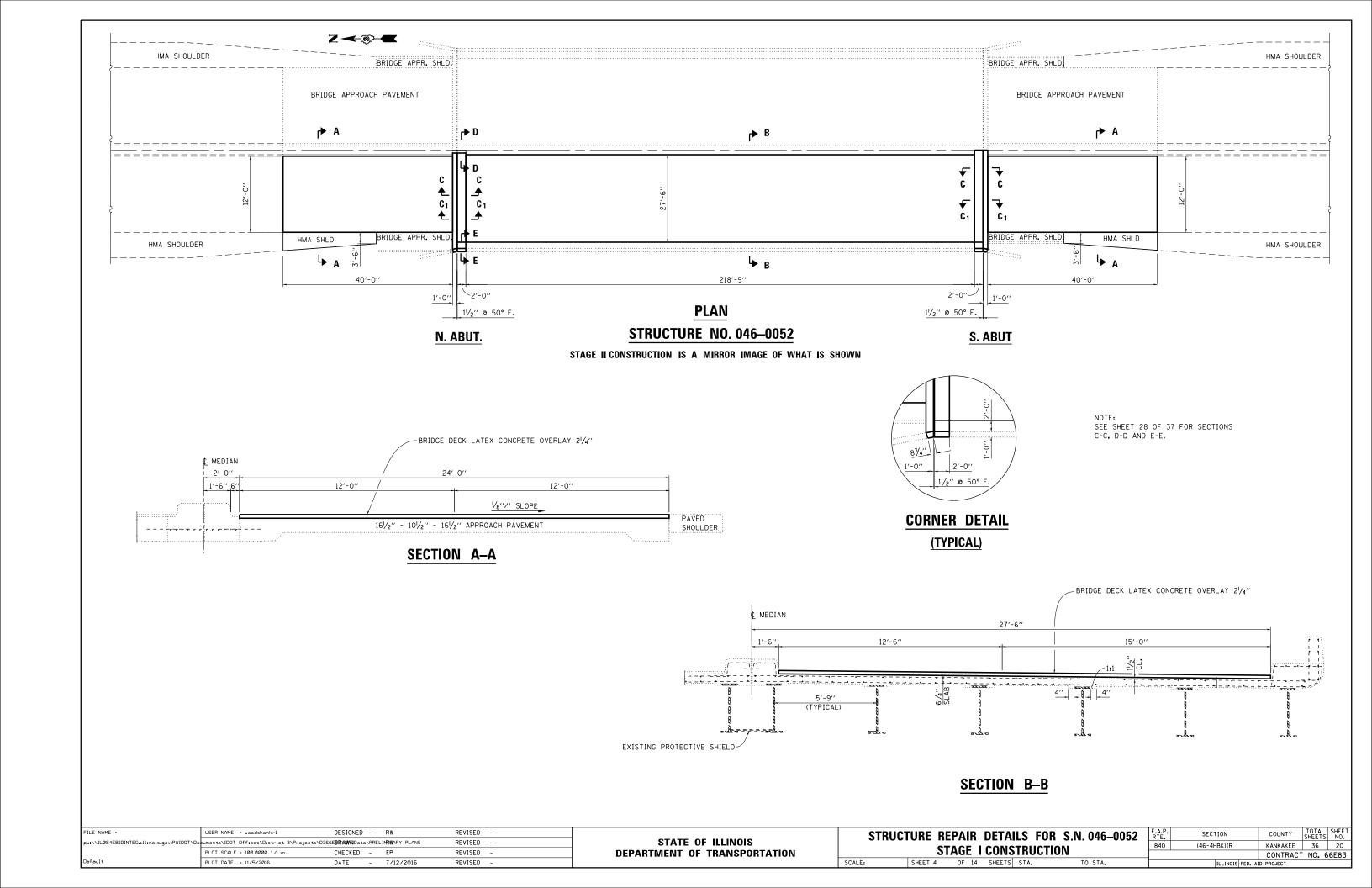
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	Çafault.	PLOT DATE 2 (1/5/20)6	DATE - 7/12/2016	REVISED -	

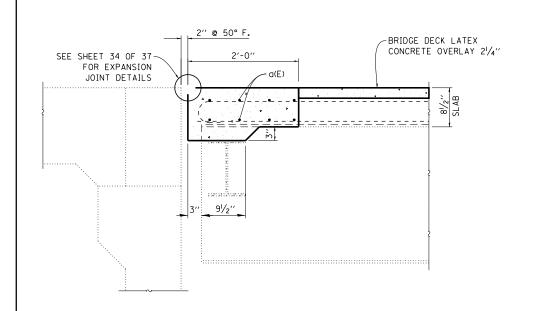
STATE	: OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

STRUCTURE REPAIR DETAILS FOR S.N. 046-0052	F.A.P. SECTION COUNTY SHEETS NO
GENERAL PLAN AND ELEVATION	B40 (46-4HBK)]R KANKAKEE 36 17
	CONTRACT NO. 66EB
SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.	THE THOUSE GET AND PROJECT



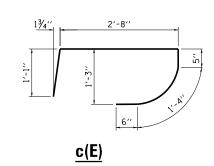


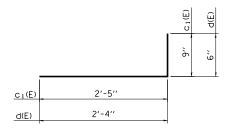




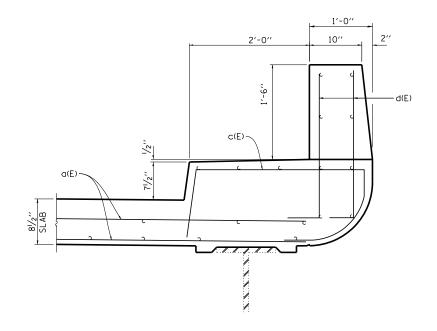
#### SECTION C-C

N. ABUT. SHOWN S. ABUT. MIRROR IMAGE



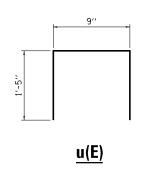


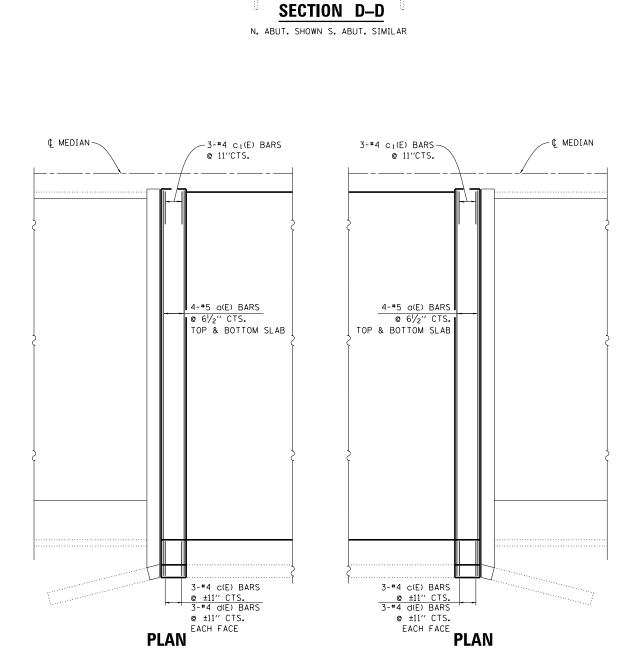
 $c_1(E)$ , d(E)



### SECTION E-E

N. ABUT. SHOWN S. ABUT. MIRROR IMAGE





MEDIAN

2′-6′′

c1(E)

NORTH ABUT. SHOWING REINFORCEMENT

SCALE:

DIAPHRAGM

SOURTH ABUT. SHOWING REINFORCEMENT

-EXISTING REINFORCEMENT SHALL BE CUT OFF FLUSH AT CONCRETE LINE

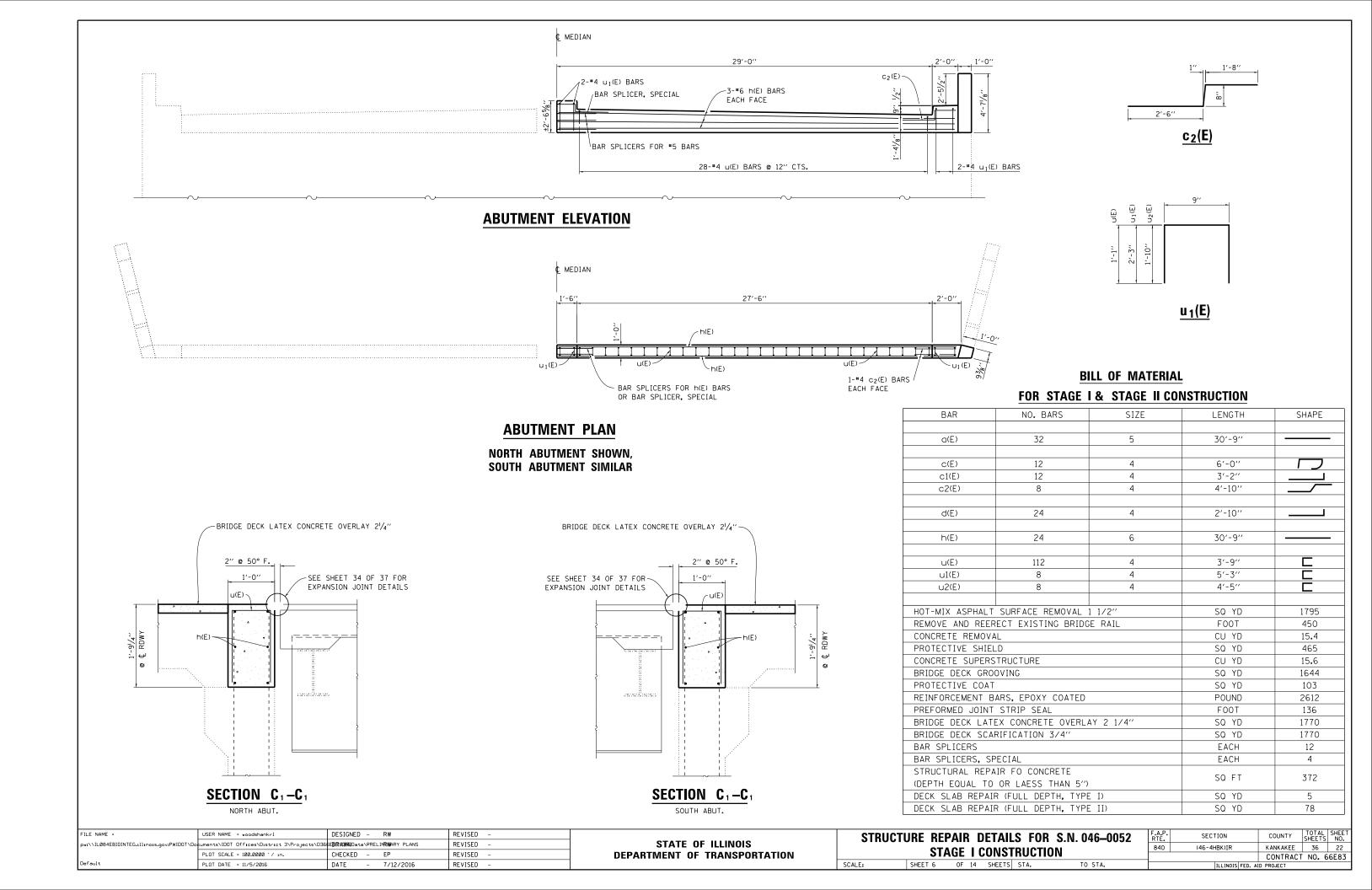
DIAPHRAGM

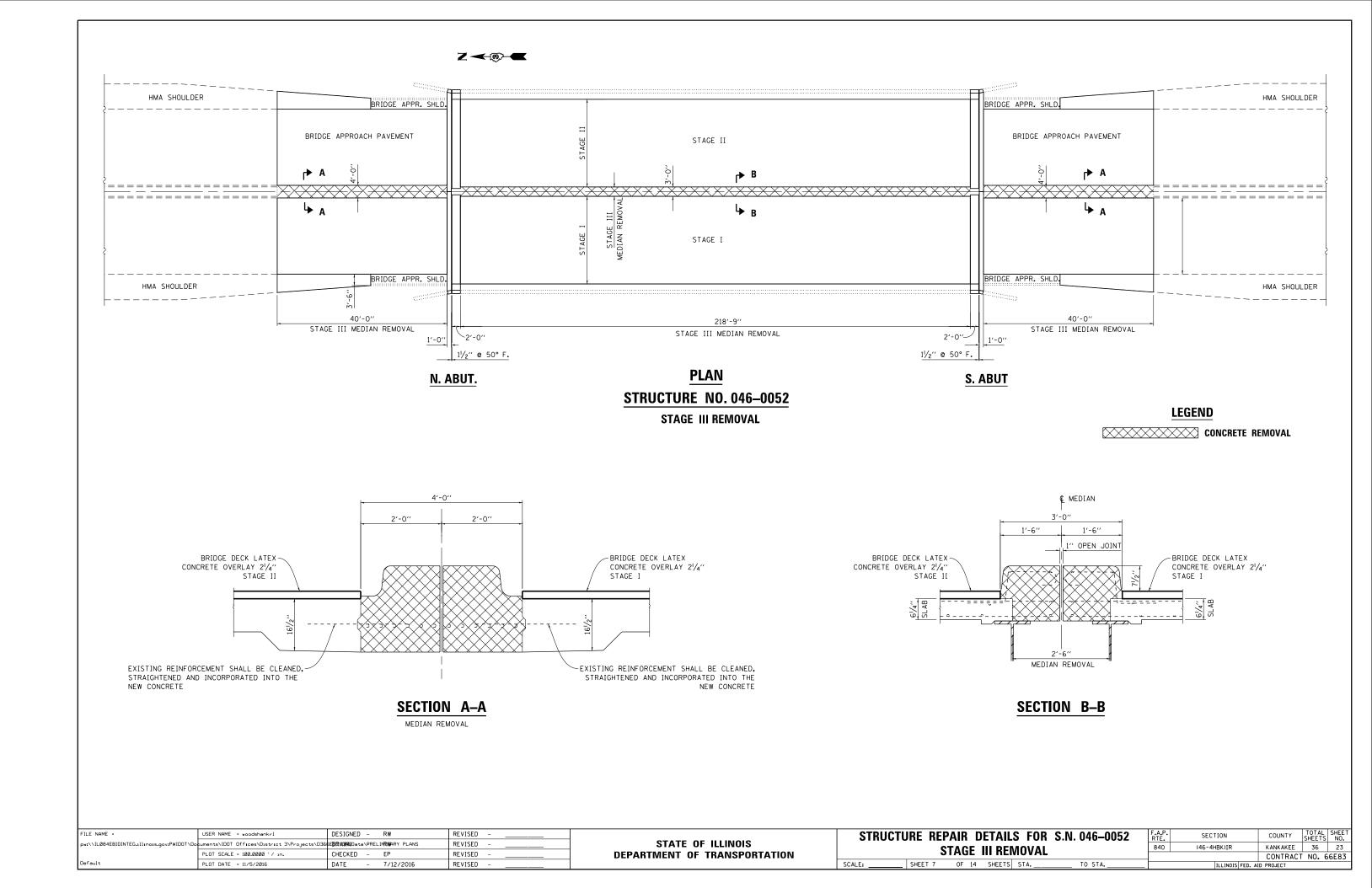
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

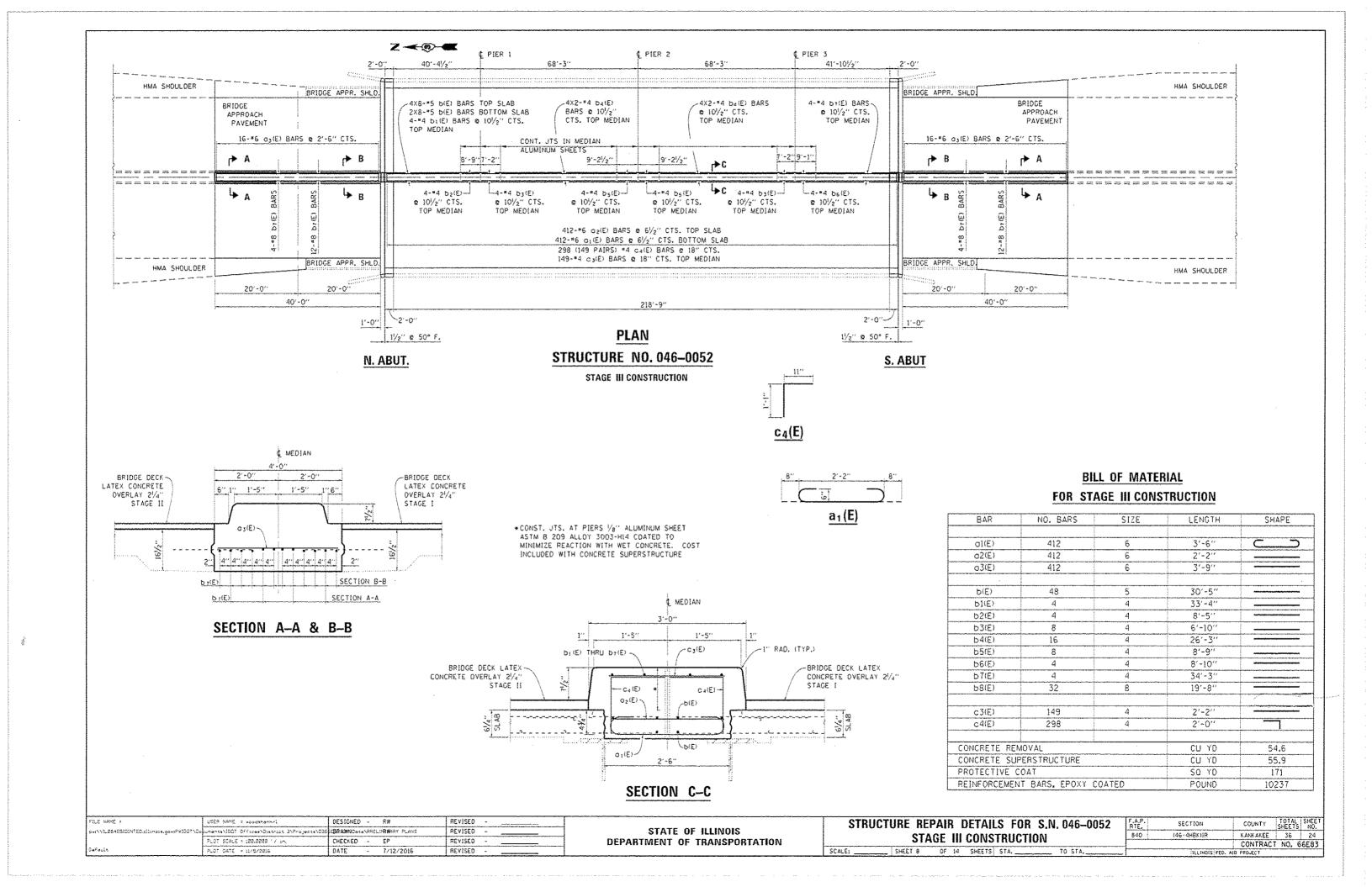
 STRUCTURE REPAIR DETAILS FOR S.N. 046-0052
 F.A.P. RTE.
 SECTION
 COUNTY SHEETS NO.
 TO TAL SHEETS NO.

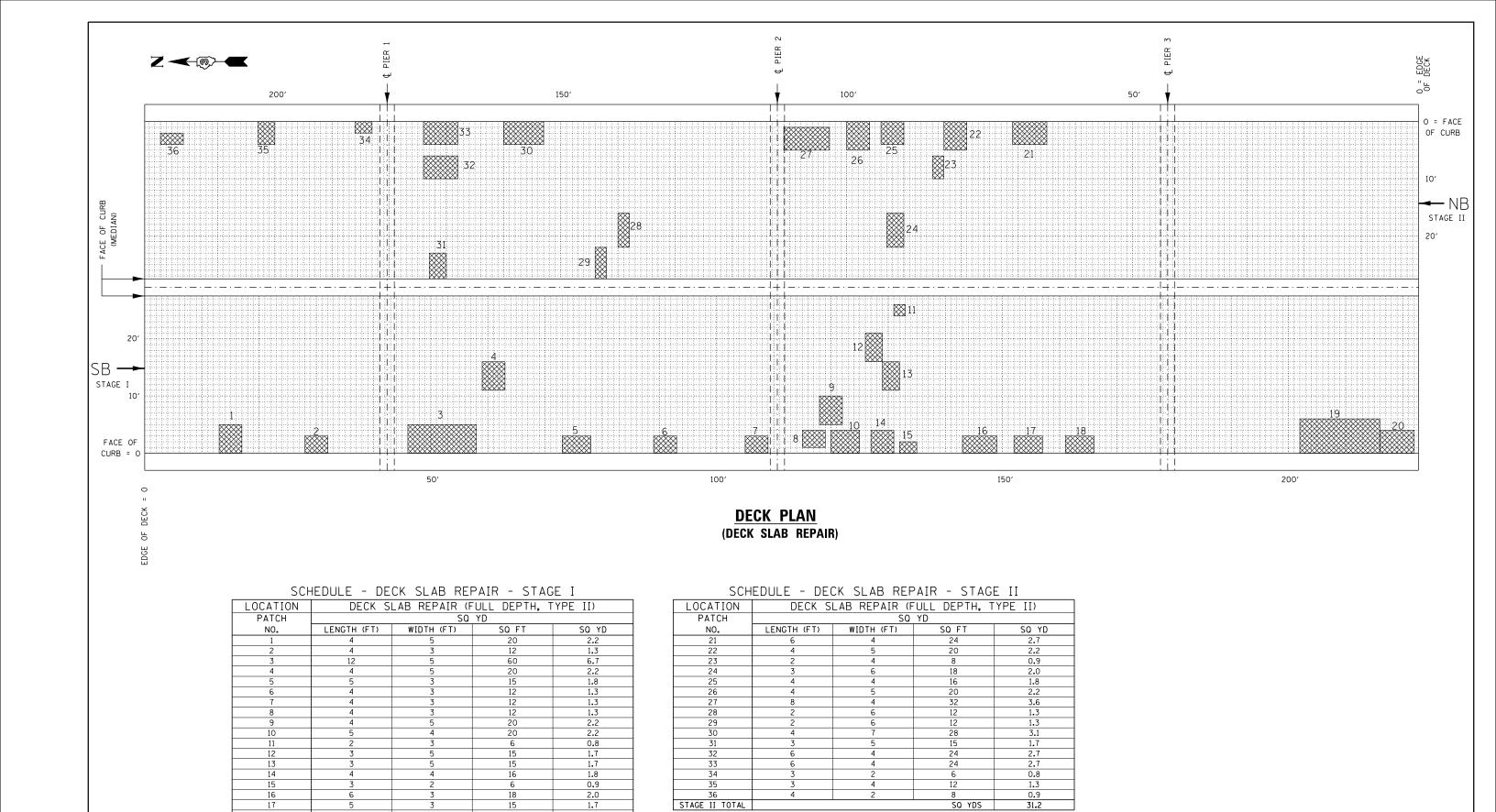
 STAGE I CONSTRUCTION
 840
 (46-4HBK)IR
 KANKAKEE
 36
 21

 CONTRACT NO. 66E83









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STAGE I TOTAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

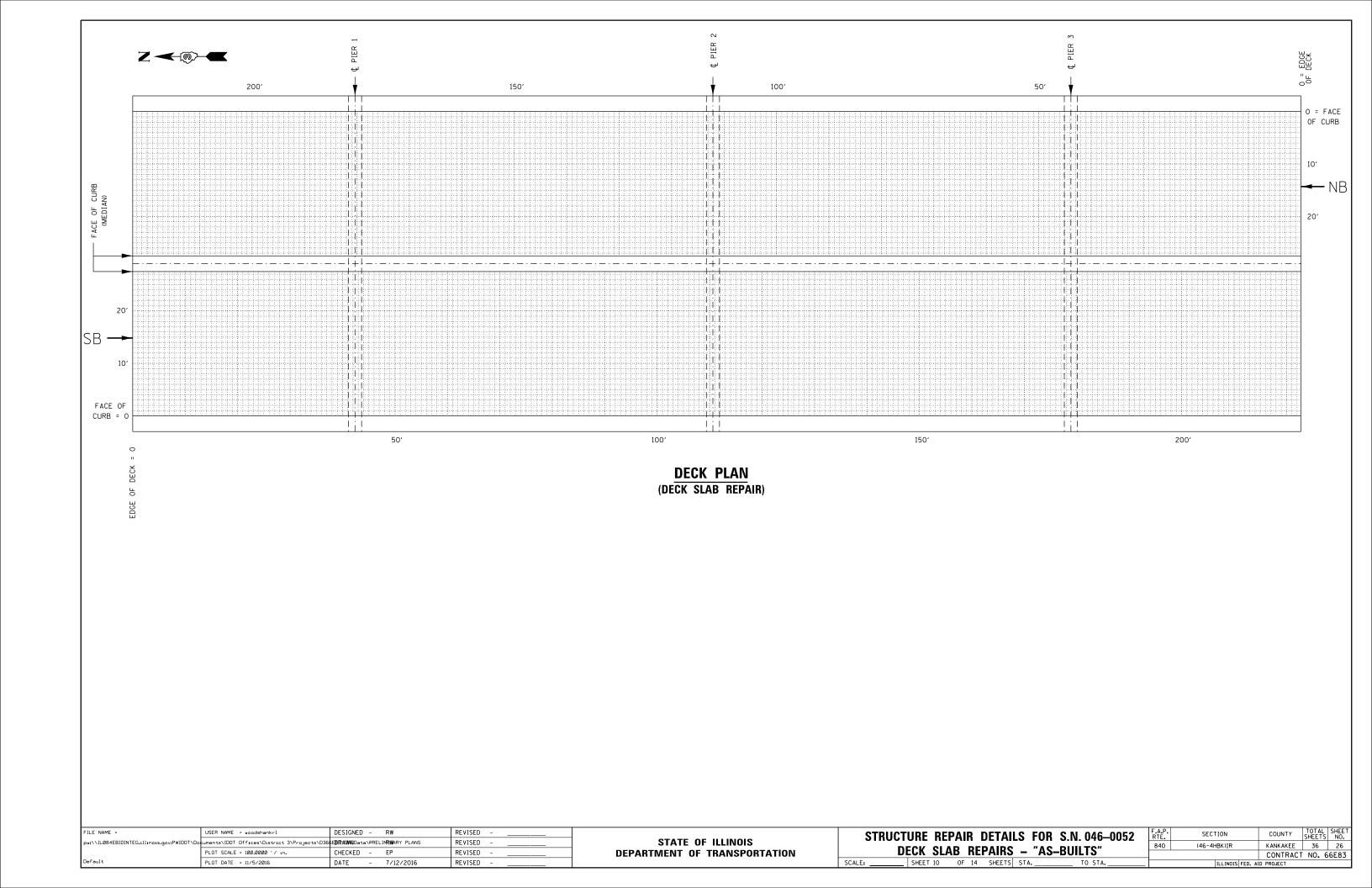
1.7 9.3

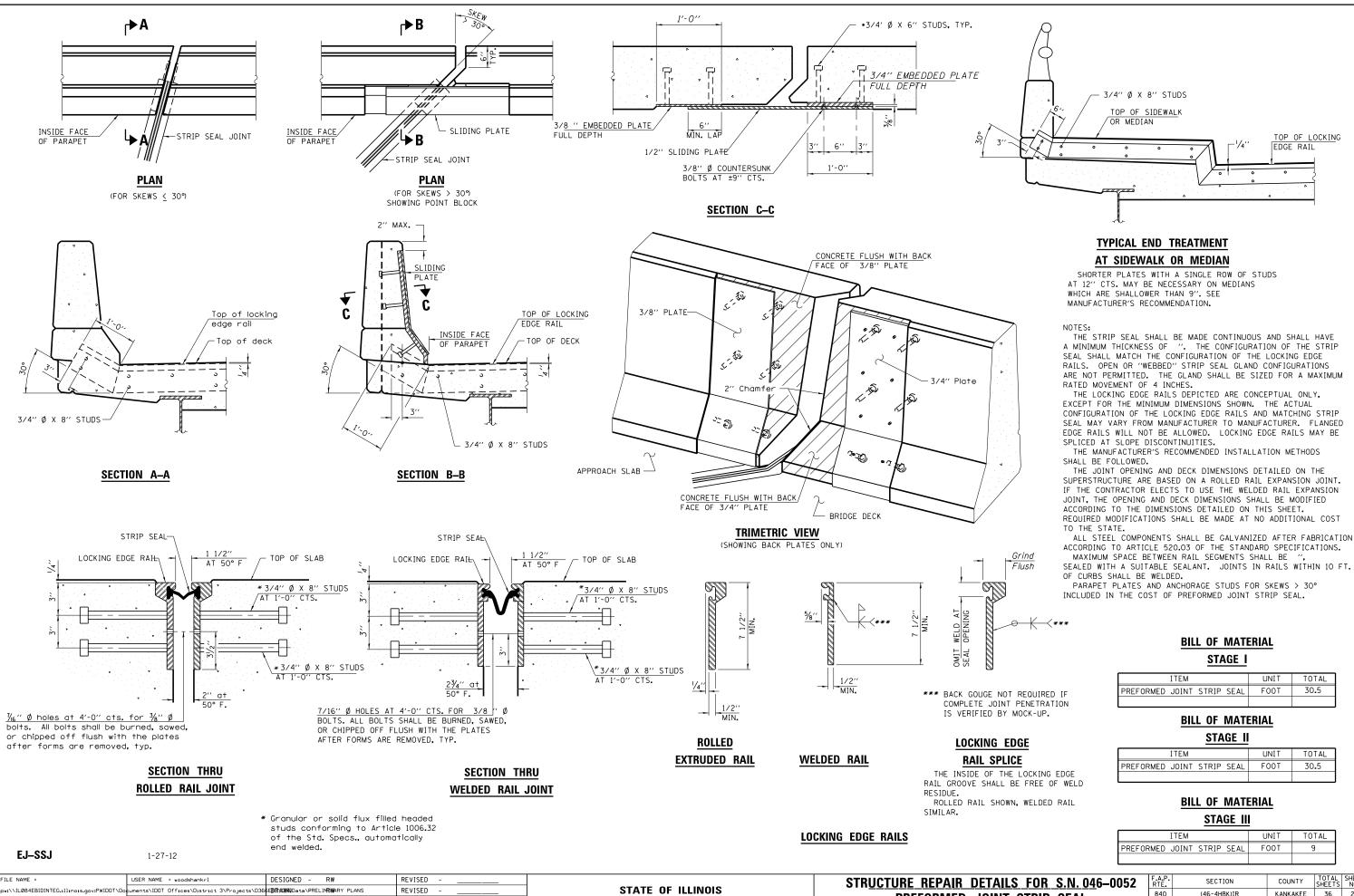
46.8

SQ YDS

STRUC	TURE REF	PAIR DETA	ILS FOR	S.N. 046–0052
DEC	CK SLAB	<b>REPAIRS</b>	- STAGE	1 AND II
SCALE:	SHEET 9	OF 14 SHEE	TS STA.	TO STA.

F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
840	(46-4HBK)IR		KANKAKEE	36	25
			CONTRACT	NO. 6	6E83
	ILLINOIS FED	. А	ID PROJECT		





**DEPARTMENT OF TRANSPORTATION** 

CHECKED -

7/12/2016

DATE

PLOT DATE = 11/5/2016

REVISED

REVISED

STRUCTURE REPAIR DETAILS FOR S.N. 046-0052 PREFORMED JOINT STRIP SEAL SHEET 11 OF 14 SHEETS STA.

COUNTY 840 (46-4HBK)IR KANKAKEE 36 27 CONTRACT NO. 66E83

**BILL OF MATERIAL** STAGE I

**BILL OF MATERIAL** 

STAGE II

**BILL OF MATERIAL** 

STAGE III

ITEM

ITEM

ITEM

TOTAL

30.5

TOTAL

30.5

UNIT TOTAL

UNIT

FOOT

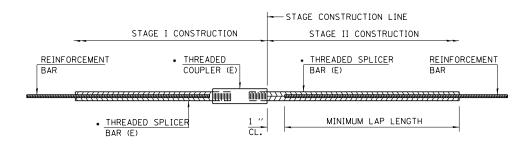
UNIT

FOOT

FOOT

TOP OF LOCKING

EDGE RAIL

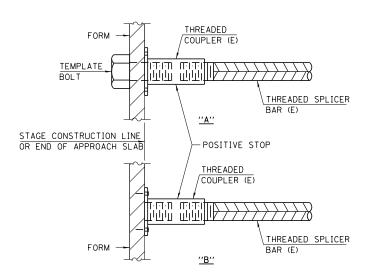


#### STANDARD BAR SPLICER ASSEMBLY

THREADED SPLICER BAR LENGTH = MIN. LAP LENGTH + 1 " + THREAD LENGTH

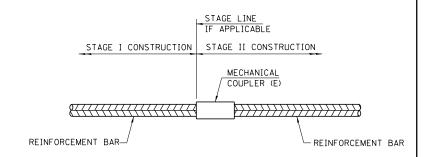
* EPOXY NOT REQUIRED ON BAR SPLICER ASSEMBLY COMPONENTS USED IN CONJUNCTION WITH BLACK BARS.

LOCATION	BAR SIZE	NO. ASSEMBLIES REQUIRED	MINIMUM LAP LENGTH
N. ABUT BLOCK OUT	#5	6	3′-0′′
S. ABUT BLOCK OUT	#5	6	3′-0′′



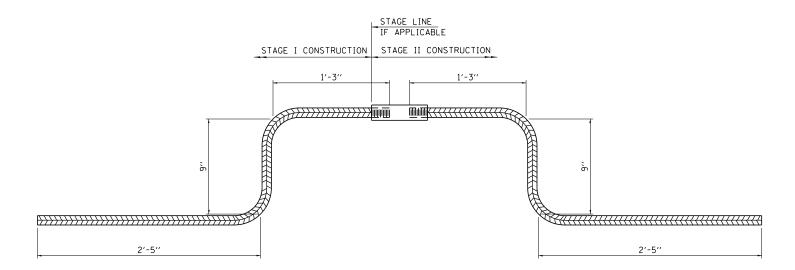
#### **INSTALLATION AND SETTING METHODS**

"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, SPECIAL**

LOCATION	BAR SIZE	NO. ASSEMBLIES REQUIRED
N. ABUT. MEDIAN	#4	2
S. ABUT. MEDIAN	#4	2

#### **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.

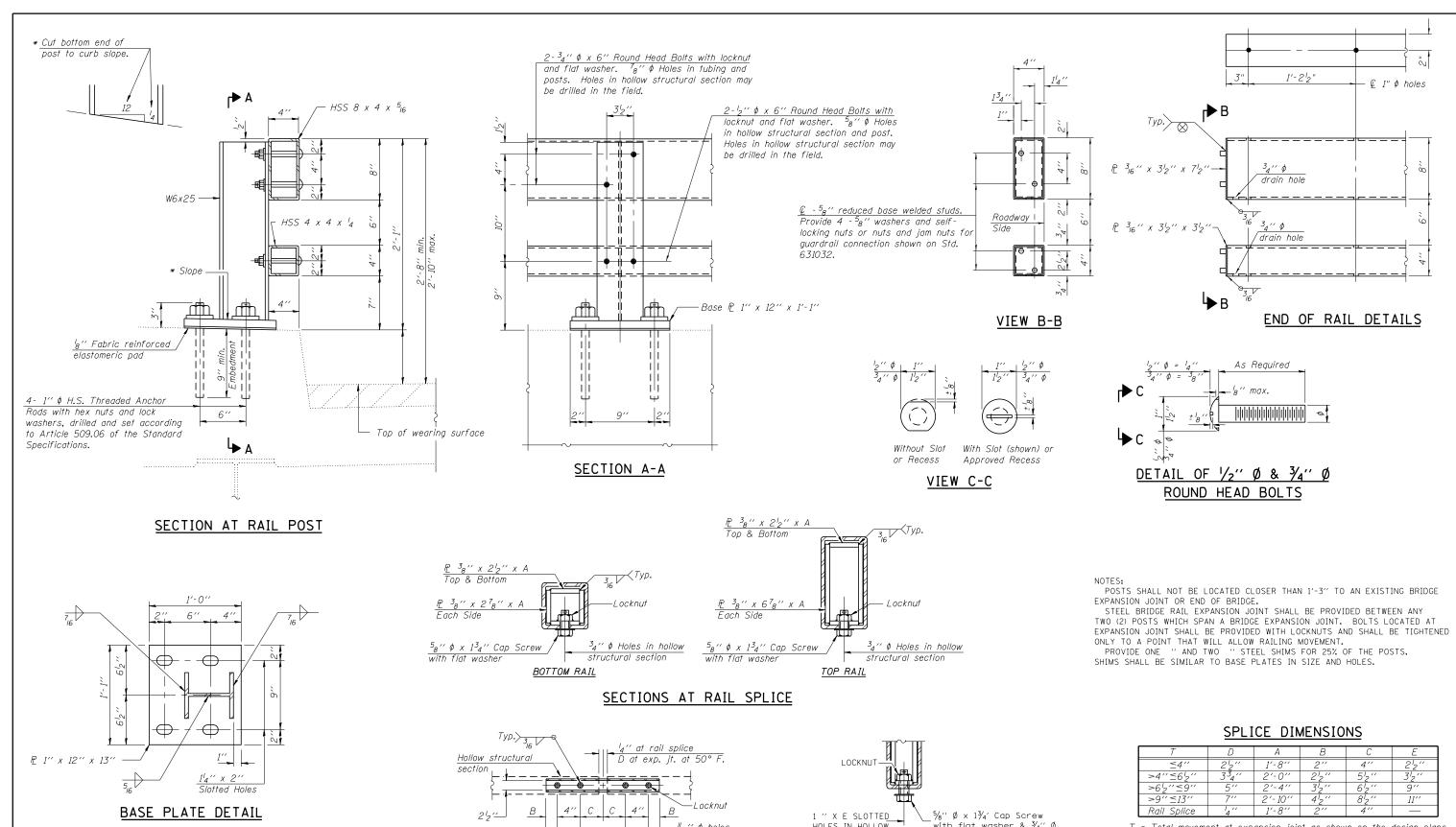
BAR SPLICER ASSEMBLIES SHALL BE EPOXY COATED ACCORDING TO THE REQUIREMENTS
FOR REINFORCEMENT BARS. SEE SECTION 508 OF THE STANDARD SPECIFICATIONS.

SEE APPROVED LIST OF BAR SPLICER ASSEMBLIES AND MECHANICAL SPLICERS FOR

ALTERNATIVES.

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.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(46-4HBK)IR	KANKAKEE	36	28
		CONTRACT	NO. 6	6E83
	TILINOIS EED AT	D PROJECT		



T	D	Α	В	С	Ε
≤4′′	2/2"	1'-8''	2"	4''	212"
>4''≤6 ^l 2''	334''	2'-0"	212"	5½"	32"
>6½′′≤9′′	5′′	2'-4"	3/2"	6½''	9''
>9′′≤13′′	7''	2'-10''	4/2"	812"	11''
Rail Splice	4"	1'-8''	2"	4''	_

T = Total movement at expansion joint as shown on the design plans.

#### **BILL OF MATERIAL**

Item	Unit	Quantity
REMOVE AND RE-ERECT	Foot	450
EXISTING BRIDGE RAIL	1 001	430

#### (6'-3" Maximum Post Spacing)

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Default	PLOT DATE = 11/5/2016	DATE -	7/12/2016	REVISED	- <u></u>

1-12-15

R-31

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

PLAN-BOTT. SPLICE P

**TYPICAL** 

STRUCTURE REPAIR DETAILS FOR S.N. 046-0052	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STEEL RAILING, TYPE 2399 DETAILS	840	(46-4HBK)IR	KANKAKEE	37	29
·			CONTRACT	NO. 6	6E83
SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.		ILLINOIS FED. A	D PROJECT		

with flat washer & 3/4" Ø

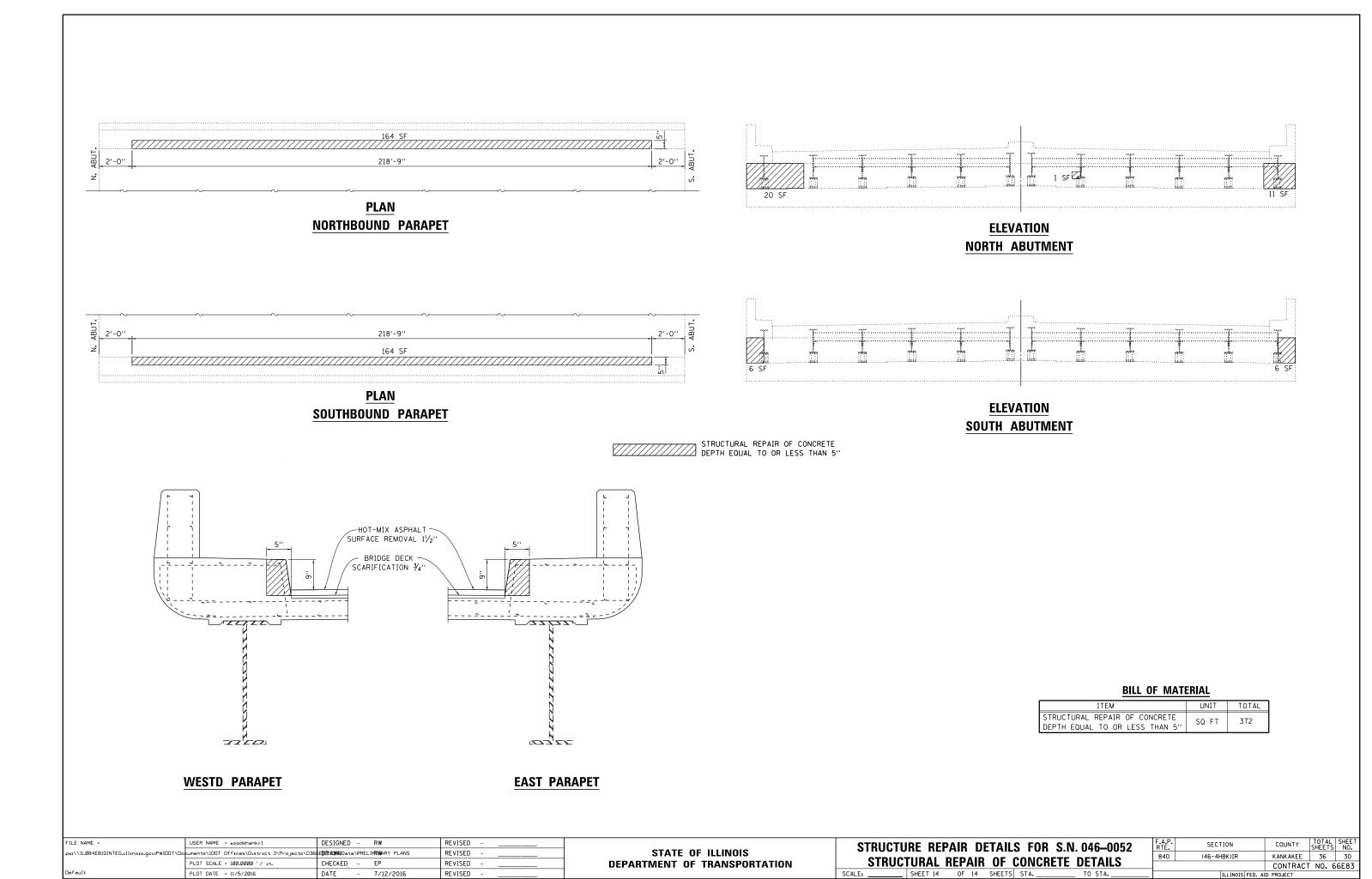
XS pipe spacer,  $\frac{1}{2}$ " long.

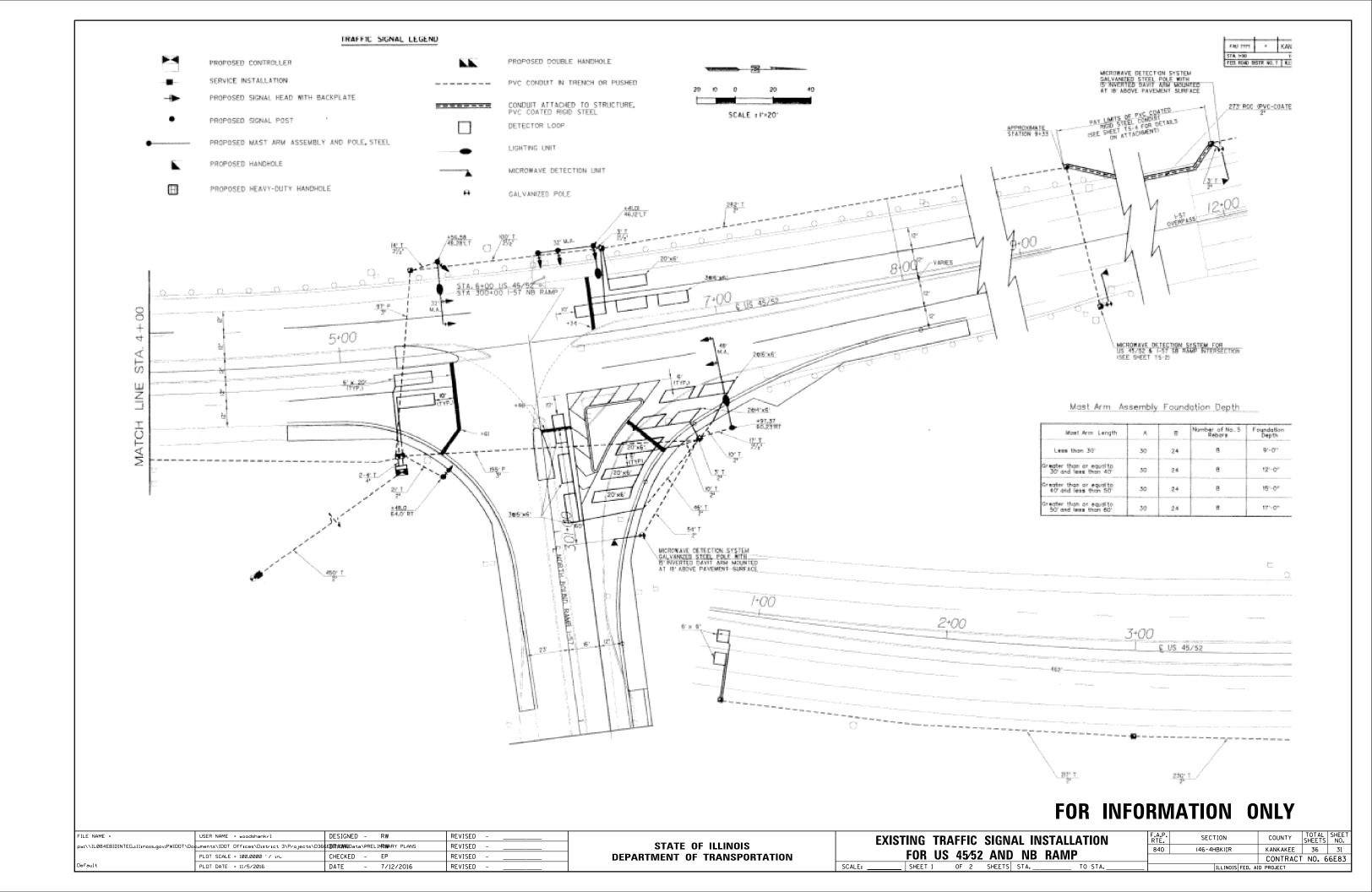
HOLES IN HOLLOW

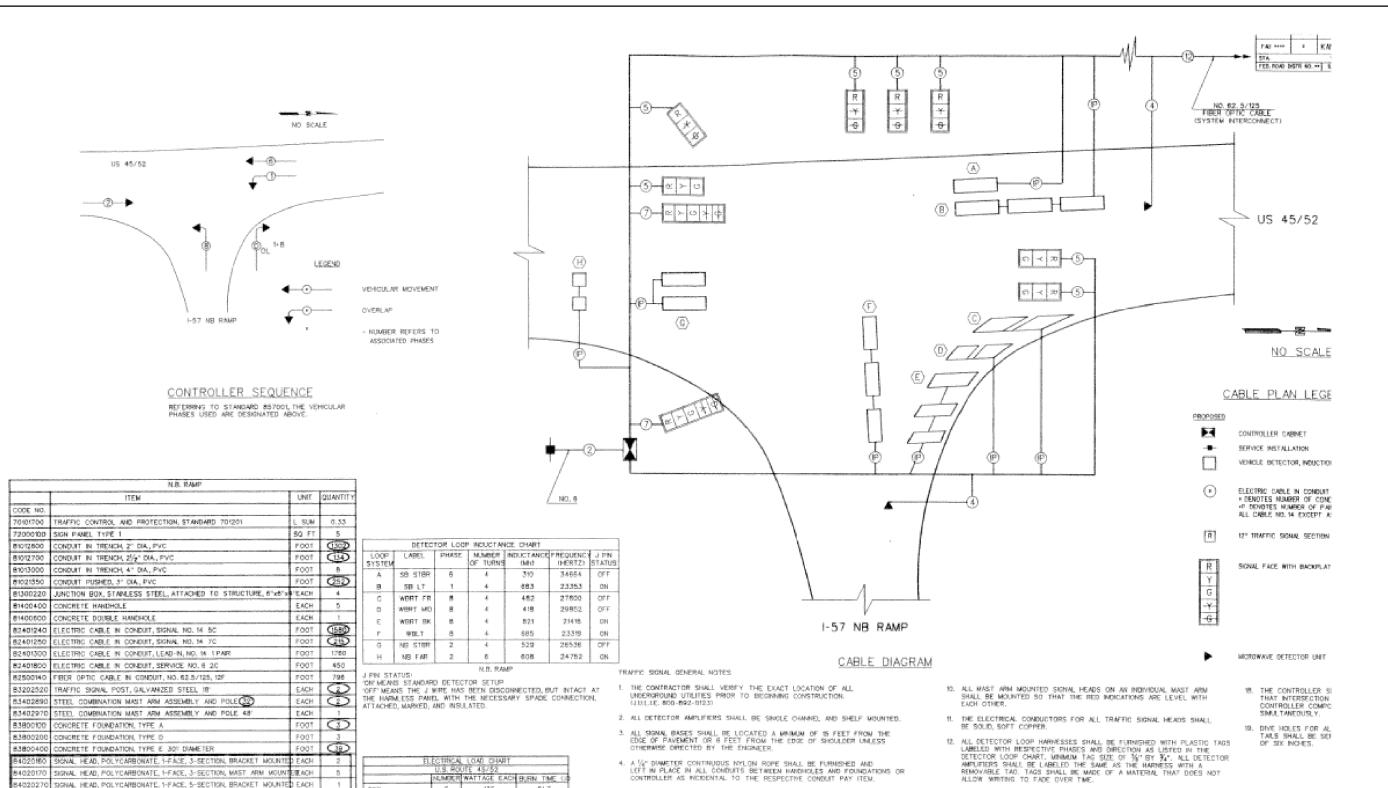
STRUCTURAL SECTION

RAIL SPLICE CONNECTION

AT EXPANSION JT.







FILE NAME =	USER NAME = woodshankrl	DESIGNED - RW	REVISED
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	PLOT SCALE = 100.0000 '/ in.	CHECKED - EP	REVISED
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED

SIGNAL, HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, BRACKET, WOUNTED EACH

CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC CONTED FIGO STEEDFOOT

GREEN YELLOW ANNOW GREEN ARROW

WORRS WOULD

CONTROLLER LOOP DETECTOR

MUMBER WATTACE EACH BURN TIME (

MUMBER WATTAGE EACH BURN TIME (

45.8

EACH

EACH

FACH

EACH

FOOT I

(14D)

273

84020280 SIGNAL HEAD, POLYCARBONATE, 1-FACE, 5-SECTION, MAST ARM MOUNTERACH

84200400 TRAFFIC SIGNAL BACKPLATE FORMED PLASTI 84400250 LUMINARE, SODILM VAPOR, HORIZONTAL MOUNT, 250W

SERVICE INSTALLATION, TYPE B 86800100 TRENCH AND BACKFILL FOR ELECTRICAL WORK

85700200 FULL-ACTUATED CONTROLLER AND TYPE IV CARMET

84700100 DETECTOR LOOP, TYPE 1

Educate investment of their

#### STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

THE PROPOSED TRAFFIC SIGNAL CONTROL CABRET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE COOR COMPARTMENT AS INDICENTAL TO THE CONTROL CABRET PAY ITEM.

THE DEPARTMENT OF TRANSPORTATION (8:5-434-8508) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON OF THE CONTROLLER UNIT.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL AND STREET LIGHTING, THE CONTRACTOR SHALL CONTROCT THE UTILITY COMPANY PRIOR TO REGIMNING WORK TO DETAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE

MO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUST AT CHEATER THAN 2 FEET WINNIAM DEPTH TO WOOD OBSTACLES SUCH AS UNDERSPOUND UTILITIES.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM.

EXISTIN	G TRA	FFIC :	SIGNAL	. INST	ALLATION
			AND I		
SCALE:	SHEET 2	0F 2	SHEETS	STA.	TO STA.

THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING ARQUING UTILITIES AS NECESSARY, NODENTAL TO THE COMDUIT OR FOUNDATION PAY ITEM.

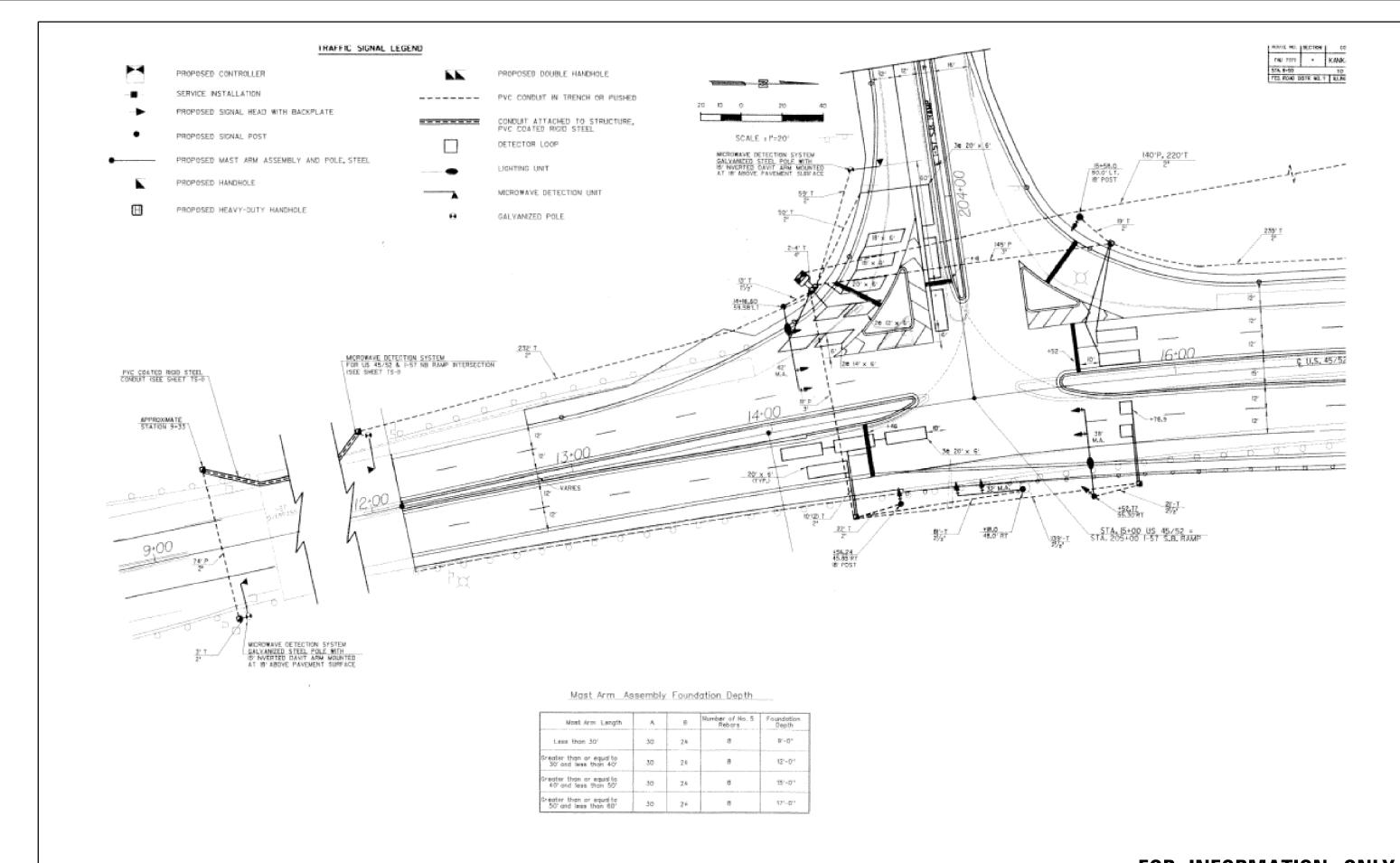
ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIG SIGNAL COMPONENTS SHALL BE CONTED WITH A MON-LEAD BASED ANTI-SEIZE COMPOUND, SIMLAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

18. DOUBLE FUSED FUSE HOLDERS AND SUNCE AMPOSTORS ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR IN THE BASE OF THE COMBINATION WAST ARM AS INCIDENTAL TO THE LIGHT FICTURE PAY ITEM. THE LIGHT FIXTURE ON THE COMBINATION MAST ARM SHALL BE ATTACHED TO AN 16 FOOT ARM AS SHOWN IN THE STANDARD DRAWNOS, UNLESS SPECIFICALLY STATED OTHERWISE ELSEWHERE IN THE PLANS.

THE ENGINEER SHALL APPROVE THE LOCATION OF THE DETECTOR LOOPS BEFORE SLOTS ARE SAWED IN THE PAYEMENT.

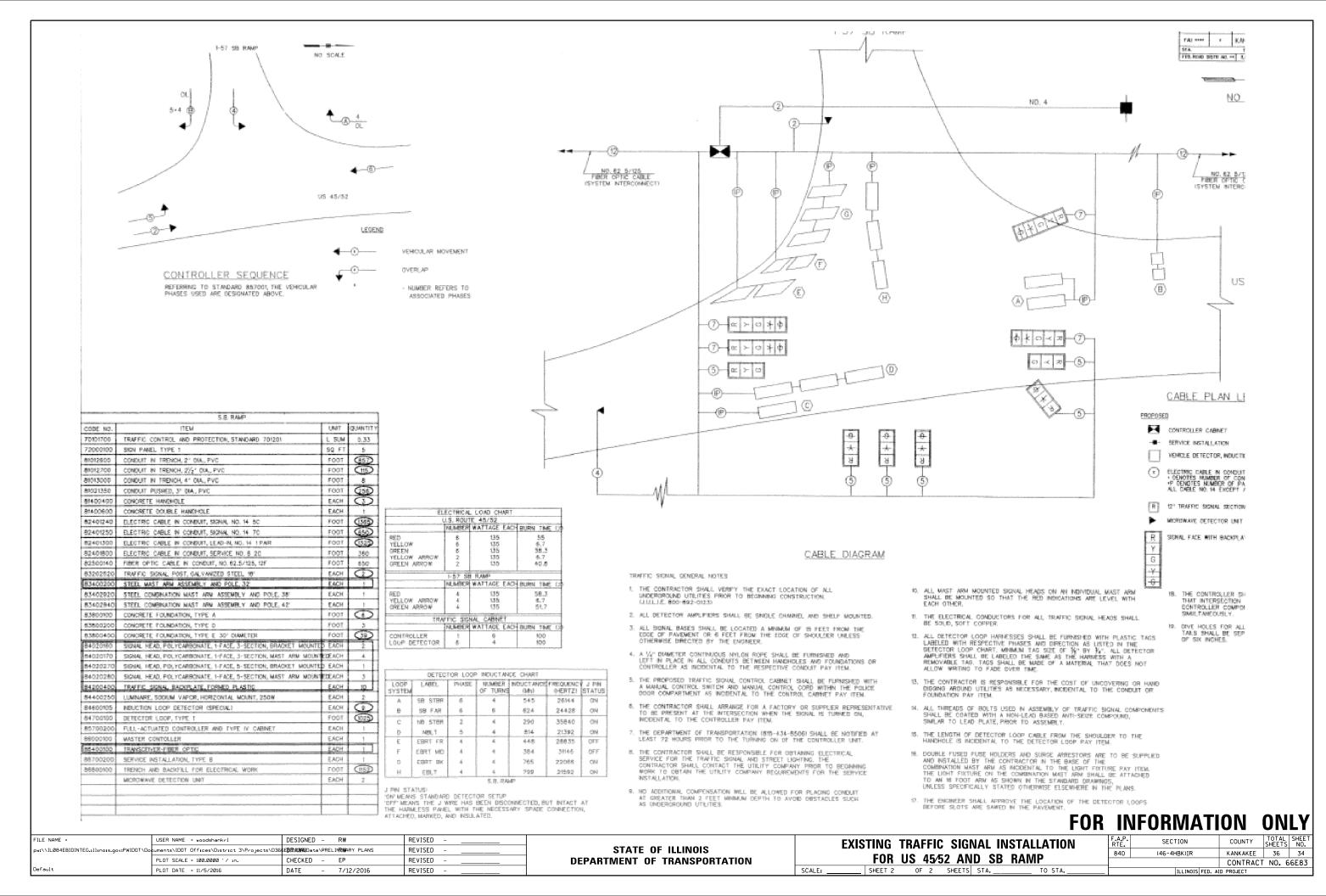
S. THE LENGTH OF DETECTOR LOOP CABLE FROM THE SHOULDER TO THE HAMDHOLE IS RICIDENTAL TO THE DETECTOR LOOP PAY ITEM.

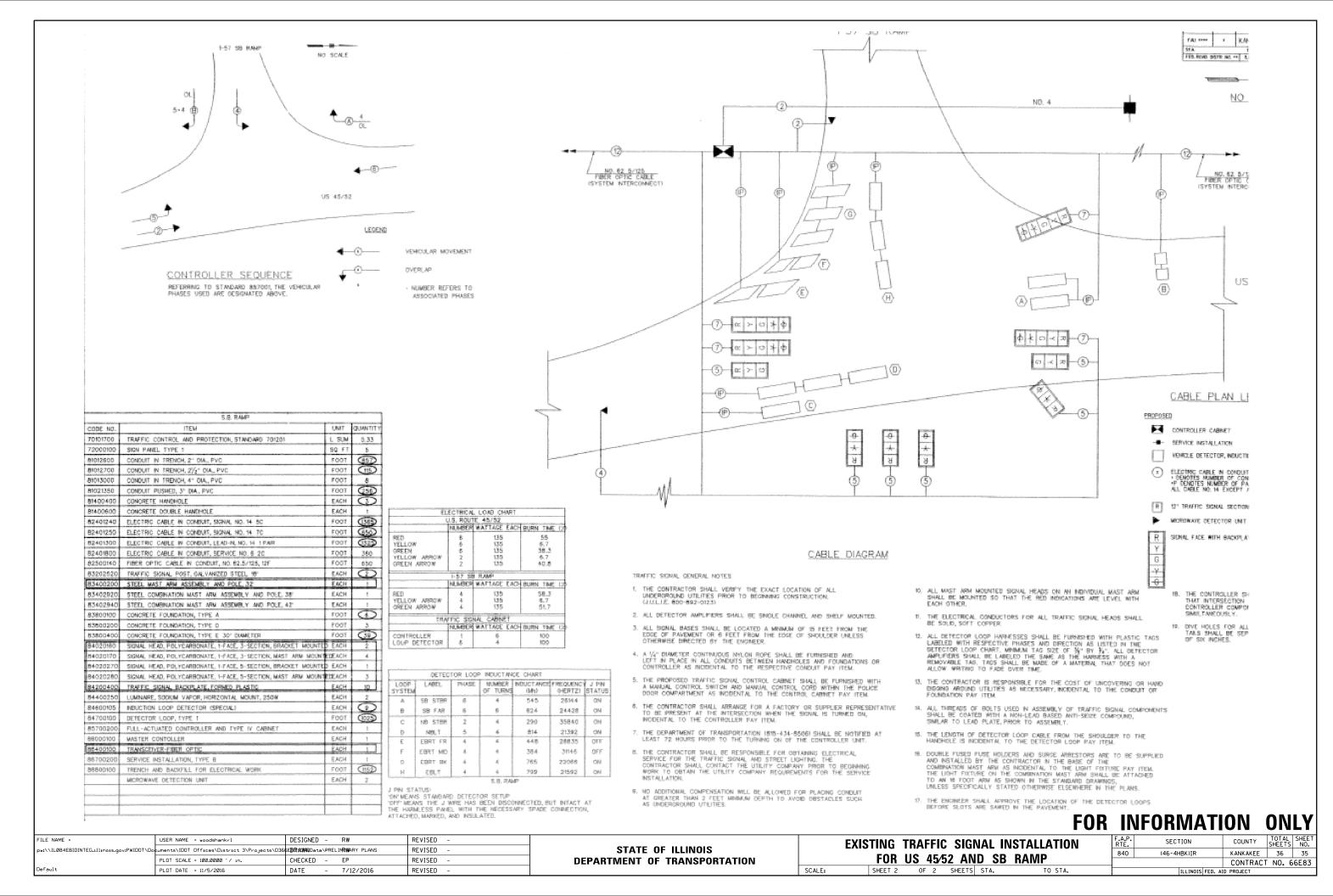
<b>FOR</b>	IN	FORMATI	ON (	INC	LY
	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	840	(46-4HBK)IR	KANKAKEE	36	32
			CONTRACT	NO. 6	6E83
Α		ILLINOIS FED. AI	D PROJECT		

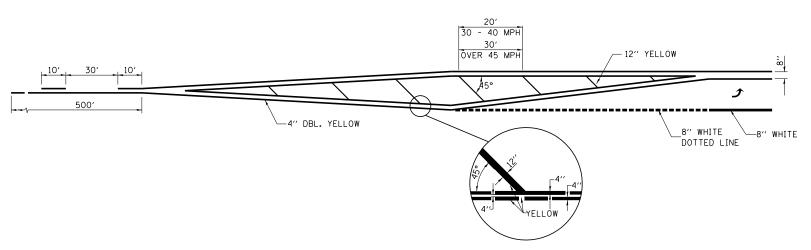


## FOR INFORMATION ONLY

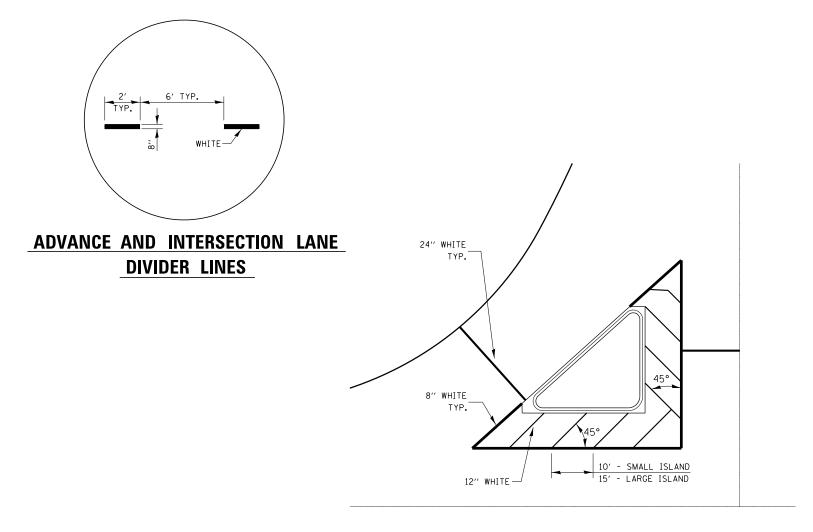
pw:\\L084EBIDINTEG.:ll:nois.gov:PWIDOT\Do	USER NAME = woodshankrl cuments\IDOT Offices\District 3\Projects\D36	DESIGNED - RW  GEBRIXONNData\PRELIMINARY PLANS	REVISED -	STATE OF ILLINOIS	EX	ISTING TRAFFIC SIGNAL INSTALLATION	RTE.	SECTION (46-4HBK)IR	COUNTY	SHEETS NO.
-	PLOT SCALE = 100.0000 ' / in.	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION		FOR US 45/52 AND SB RAMP	840	(46-4HBK/IR	CONTRACT N	NO. 66E83
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT	







# TYPICAL APPLICATION MEDIAN AND LEFT TURN LANE

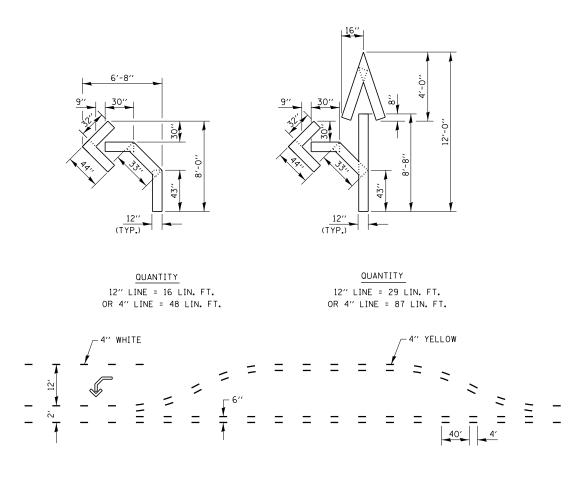


## TYPICAL ISLAND



#### 150' AND LONGER

# TYPICAL PLACEMENT OF ARROWS IN TURN LANES



# SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

FILE NAME =	USER NAME = woodshankrl	DESIGNED - RW	REVISED -				F.A.P.	SECTION	COUNTY TOTAL SHEET
pw://ILØ84EBIDINTEG.:111:no:s	s.gov:PWIDOT\Documents\IDOT Offices\District 3\Projec	ts\D36 <b>6EBRXXWN</b> Data\PRELIM <b>RN</b> ARY PLANS	REVISED -	STATE OF ILLINOIS		TYPICAL PAVEMENT MARKINGS	840	(46-4HBK)IR	KANKAKEE 36 36
	PLOT SCALE = 100.0000 ' / in.	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT NO. 66E83
Default	PLOT DATE = 11/5/2016	DATE - 7/12/2016	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT