06-13-2025 LETTING ITEM 070

INDEX OF SHEETS

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- 2. GENERAL NOTES
- 3 4 . SUMMARY OF QUANTITIES
- 5. TYPICAL SECTIONS
- 6-7. SCHEDULES
- 8. DETAIL "A"
- 9 11 . CLASS A PAVEMENT PATCHING DETAILS
- 12. TRAFFIC CONTROL AND PROTECTION, STANDARD 701400
- 13. TYPICAL PAVEMENT MARKING

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 001001-02 AREAS OF REINFORCEMENT BARS 001006 DECIMAL OF AN INCH AND OF A FOOT OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE 701101-05 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION,

IMPROVEMENT ENDS

IROQUOIS COUNTY LINE (MILE MARKER 263.51)

701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 AWAY
701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
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
701901-10 TRAFFIC CONTROL DEVICES

100' 200' 300'— 1"= 100' 20' 30'— 1"= 100' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 10' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20' 30'— 1"= 30' 20'— 1"= 30' 20'— 1"= 30' 20'— 1"= 30'— 1

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.

 \circ

 \circ

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123
OR 811

PROJECT ENGINEER JUNIOR SENAT P.E. UNIT CHIEF RON WOODSHANK DISTRICT 3 (815) 434-6131

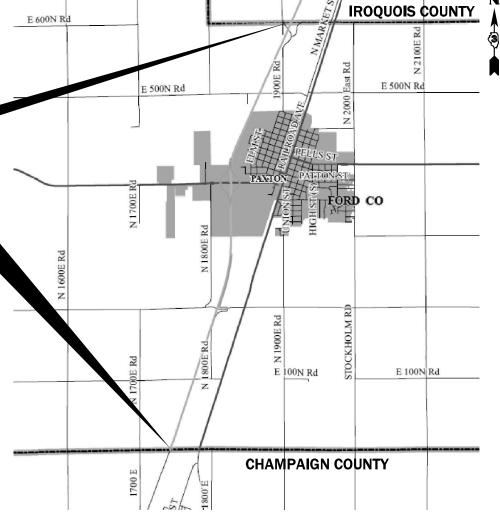
CONTRACT NO. 66R54

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 57 (I-57)
SECTION (10,27-38 & 1)PP-1
PAVEMENT PATCHING
FORD COUNTY

C-93-112-25



GROSS LENGTH = 33,950 FT. = 6.43 MILES

NET LENGTH = 811 FT. = 0.15 MILE

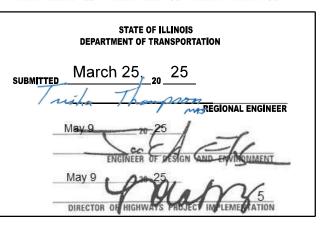
D-93-079-25



FUNCTIONAL CLASSIFICATION

RURAL - INTERSTATE F.A.I. ROUTE 57 (I-57) 2023 ADT = 21,100

P.V. 68.6 % S.U. 3.0 % M.U. 28.4 %



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

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.

THE CONTRACTOR SHALL NOTIFY THE DEPARTMENTS TRAFFIC SIGNAL SECTION WHEN PATCHING OPERATIONS ENCROACH NEAR INTERSTATE INTERCHANGES WITH OVERHEAD LIGHTING AT LEAST 72 HOURS PRIOR TO BEGINNING ANY PATCHING OPERATIONS NEAR THE IINTERCHANGE.

COMMITMENTS

NO COMMITMENTS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN START & END DATES OF CONSTRUCTION: INSPECTORS:

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED -
	DRAWN	-	RW	REVISED -
	CHECKED	-	JS	REVISED -
PLOT DATE = 3/4/2025	DATE	-	2/6/2025	REVISED -

L	CONSTRUCTION CODE
7	CONTRACT MAINTENANC
l	100% STATE

ſ					ROADWAY
-	CODE			TOTAL	0006
ŀ	NO.	ITEM	UNIT	QUANTITY	RURAL
	44200565	CLASS A PATCHES, TYPE II, 11 INCH	SQ YD	206	206
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	163	163
	44200571	CLASS A PATCHES, TYPE IV, 11 INCH	SQ YD	715	715
	44213000	PATCHING REINFORCEMENT	SQ YD	1084	1084
ļ	44213200	SAW CUTS	FOOT	2486	2486
			_		
ļ	67100100	MOBILIZATION	LSUM	1	1
ļ					
ŀ	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
ļ					
ŀ	70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1	1
ŀ					
ŀ	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15
ŀ	70106700	TEMPORARY RUMBLE STRIPS	EACH	8	8
ŀ	70106700	IEMPURART RUMDLE STRIPS	EACH	8	8
ŀ	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	15	15
ŀ					
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	819	819
ļ					
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	200	200
Ī					
[Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	178	178

^{*=} SPECIALTY ITEM

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED	-
	DRAWN	-	RW	REVISED	-
	CHECKED	-	JS	REVISED	-
PLOT DATE = 2/7/2025	DATE	-	2/6/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES 57	.l. E.	
	'	
CALE: SHEET 1 OF 1 SHEETS STA. TO STA.		-

CONSTRUCTION CODE
CONTRACT MAINTENANCE
100% STATE

				0000-000400 100940 0014011100040400
				ROADWAY
CODE			TOTAL	0006
NO.	ITEM	UNIT	QUANTITY	RURAL
	·			
Z0018913	DRILL AND GROUT #8 TIE BARS	EACH	864	864

 USER NAME
 = ronald.woodshank
 DESIGNED
 RW
 REVISED

 DRAWN
 RW
 REVISED

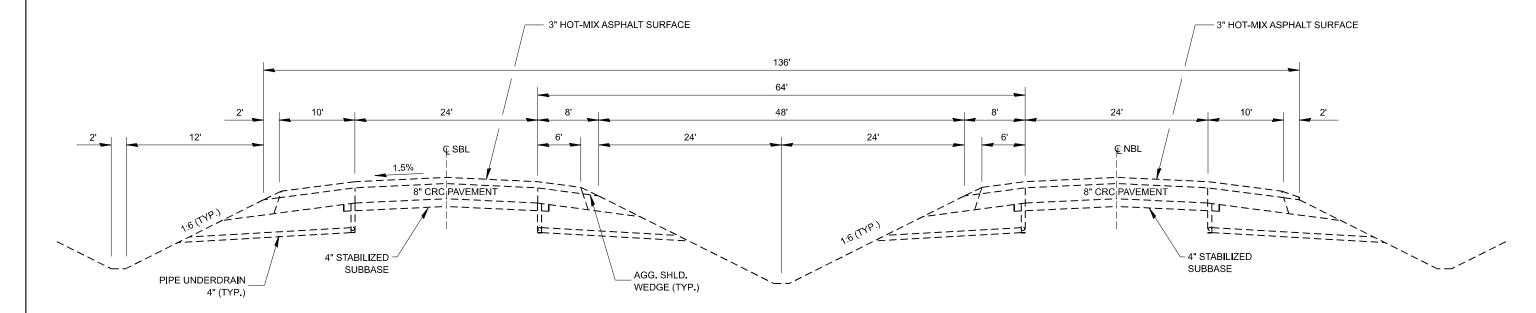
 CHECKED
 JS
 REVISED

 PLOT DATE
 =
 3/4/2025
 DATE
 2/6/2025
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

| SUMMARY OF QUANTITIES | F.A.I. | F.A.

AI. SECTION COUNTY TOTAL SHEET NO. 67 (10,27-38&1)PP-1 FORD 13 4 CONTRACT NO. 66R54



TYPICAL SECTION (F.A.I.57)

MILE MARKER 257.08 - MILE MARKER 263.51

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED -	
	DRAWN	-	RW	REVISED -	
	CHECKED	-	JS	REVISED -	
PLOT DATE = 2/7/2025	DATE	-	2/6/2025	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

	EVIC	TIME	· T	YPICAL	CECTIO	NC	RTE.
	EAR	HINC	, ,	IFICAL	SECTIO	NO	57
SHEET	1	OF	1	SHEETS	STA.	TO STA.	

MODEL: Default

PATCHING SCHEDULE

						NORTHBOL	UND PASSING LAN	E									NORTH	BOUND DRIVING LA	NE			
ľ	÷		CLASS	A PAT	CHING	CLASS A	PATCH	SAW	DRILL	DRILL				CLASS	A PAT	CHING	CLASS A	PATCH	SAW	DRILL	DRILL	
	PATCH	PATCH	TYPE	TYPE	TYPE	PATCH	REINFORCEMENT	CUTS	AND	AND		PATCH	PATCH	TYPE	TYPE	TYPE	PATCH	REINFORCEMENT	CUTS	AND	AND	
LOCATION				Ш	ı	EXPANSION			GROUT	GROUT		LENGTH	WIDTH	11	Ш	IV	EXPANSION				GROUT	
			11"	11"	11"	JOINT			#6	#8	COMMENTS	A THE STATE OF THE	300000000000000000000000000000000000000	11"	11"	11"	JOINT			#6	#8	COMMENTS
						""			TIE	TIE	00-00 (900) 900-00-00-00-00-00-00-00-00-00-00-00-00-									TIE	TIE	
									BARS	BARS										BARS		
MILE MARKER	FFFT	FEET	SO YD	SO YD	SO YD	FOOT	SQ YD	FOOT	76 - N. 2. N. (2001 200 200 200 200 200 200 200 200 200	EACH		FEET	FFFT	SO YD	SQ YD	SO YD	FOOT	SQ YD	FOOT	60 (60) (60) (60) (60)	BARS	
257.08	, ree i		JQID	3Q 1D	JULID	1001	OQ ID	1.001	LACII	LACII	CHAMP	AIGN COUNTY L	A 10 10 10 10 10 10 10 10 10 10 10 10 10	JOGID	JQID	JQ ID	1001	00.15	1001	LACII	LAGII	
258.1								T	1			8	12	11				11	40		24	
258.4												10	12	13				13	44		24	
258.7	24	12			32		32	72	8	24	MATCH EXISTING DL PATCH											
258.7												10	12	13			12	13	44		24	REPLACE EXISTING EXPANSION JOINT
259.3												16	12		21			21	56		24	REMOVE EXISTING PATCH
*259.3	8	12	11				11	40		24		8	12	11				11	40		24	
260.4												8	12	11		_		11	40		24	
260.5												16	12		21			21	56		24	REMOVE EXISTING PATCH
260.5	30	12			40		40	84	10	24		30	12			40		40	84	10	24	
260.8												24	12			32		32	72	8	24 _	REMOV E EXISTING PATCHES
260.9										-		10	12	13				13	44		24	
*261.8	12	12		16		_	16	48		24	_	12	12		16			16	48		24	
261.9 262.3												210	12 12	11		280		11 280	40 444	70	24	SEE DETAIL "A"
262.4								-			_	164	12			219		219	352	70 54	24	SEE DETAIL "A"
*262.4	12	12		16		_	16	48		24		12	12		16	219		16	48	34	24	SEE DETAIL A
263.1	12	12		.0		-	10	70		24	_	8	12	11	10			11	40		24	
263.51				I.	<u> </u>				l		IROQU	I DIS COUNTY LIN				_		11	1			
NB TOTALS	86	60	11	32	72	0	115	292	18	120		554	192	94	74	571	12	739	1492	142	384	

PATCHING SCHEDULE

						SOUTHBOU	ND PASSING LANE										SOUTHBO	UND DRIVING LANE				
			CLASS	A PAT	CHING	CLASS A	PATCH	SAW	DRILL	DRILL				CLASS	S A PAT	CHING	CLASS A	PATCH	SAW	DRILL	DRILL	
	PATCH	PATCH	TYPE	TYPE	TYPE	PATCH	REINFORCEMENT	CUT	AND	AND		PATCH	PATCH	TYPE	TYPE	TYPE	PATCH	REINFORCEMENT	CUT	AND	AND	
LOCATION	LENGTH	WIDTH	Ш	Ш	IV	EXPANSION			GROUT	GROUT		LENGTH	WIDTH	II	Ш	IV	EXPANSION			GROUT	GROUT	
			11"	11"	11"	JOINT			#6	#8	COMMENTS			11"	11"	11"	JOINT			#6	#8	COMMENTS
									TIE	TIE				''						TIE	TIE	
									BARS	BARS										BARS	BARS	
MILE MARKER	FEET	FFFT	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	FOOT	2 - 20000000000000000000000000000000000	EACH		FEET	FEET	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	FOOT	V) 2,540 (000,294,694	EACH	
263.51											IROQUOIS	COUNTY LINE		1 - 4								
*263.4	6	12	8				8	36		24		6	12	8				8	36		24	
262.8												24	12			32		32	72	8	24	REMOVE EXISTING PATCHES
262.3												8	12	11				11	40		24	
262.1												8	12	11				11	40		24	
262.1	8	12	11				11	40		24		16	12	,	21			21	56		24	REMOVE EXISTING PATCH
261.7	6	12	8				8	36		24												
*259.2	8	12	11				11	40		24		8	12	11				11	40		24	
259.2												8	12	11				11	40		24	
258.9												14	12		19			19	52		24	
258.8	13	12		17			17	50		24												
258.8												30	12			40		40	84	10	24	
258.8											MATCH EXISTING DL PATCH	8	12	11				11	40		24	
257.08											CHAMPAIGN	COUNTY LINE										
SB PL TOTALS	41	60	38	17	0	0	55	202	0	120		130	120	63	40	72	0	175	500	18	240	

*INDICATES PATCH LOCATIONS AR ADJACENT

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -								F.A.I.	SECTION	COUNTY	TOTAL	SHEET
	DRAWN - RW	REVISED -	STATE OF ILLINOIS			SCHED	OULES	•		57	(10,27-38&1)PP-1	FORD	13	6
	CHECKED - JS	REVISED -	DEPARTMENT OF TRANSPORTATION								,		T NO. 66R	₹54
PLOT DATE = 3/4/2025	DATE - 2/6/2025	REVISED -		SCALE:	SHEET 1	OF 2 SH	HEETS	STA.	TO STA.		ILLINOIS FED	. AID PROJECT		

SCHEDULE - PAVEMENT MARKING

	ı	NORTHB	OUND L	ANE
LOCATION	PATCH	MODI URET		MODIFIED URETHANE
LOCATION	LENGTH			PAVEMENT
		MARI LINE		MARKING LINE - 6"
MILE MARKER	FEET	SQ	YD	SQ YD
		YELLOW	WHITE	WHITE
257.08		NE		
258.1	8		8	
258.4	10		10	
258.7	24	24		30
258.7	10		10	
259.3	16		16	
*259.3	8	8	8	10
260.4	8		8	
260.5	16		16	
260.5	30	30	30	30
260.8	24		24	
260.9	10		10	
*261.8	12	12	12	20
261.9	8		8	
262.3	210		210	
262.4	164		164	
*262.4	12	12	12	20
263.1	8			
263.51 IROQUOIS COUNTY LII				IE
NB TOTALS	578	86	554	110

SCHEDULE - PAVEMENT MARKING

SOUTHBOUND LANE							
LOCATION	PATCH	MODI URET		MODIFIED URETHANE PAVEMENT MARKING			
LOCATION	LENGTH	PAVE MARI					
		LINE		LINE - 6"			
MILE MARKER	FEET	FE	ET	FEET			
		YELLOW	WHITE	WHITE			
263.51	FORD COUNTY LINE						
*263.4	6	6	6	10			
262.8	24		24				
262.3	8		8				
262.1	8		8				
262.1	16	16	16	20			
261.7	6	6		10			
*259.2	8	8	8	10			
259.2	8		8				
258.9	14		14				
258.8	13	13		20			
258.8	30		30				
258.8	8		8	20			
257.08	CHAMPAIGN COUNTY LINE						
SB TOTALS	149	49	130	90			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

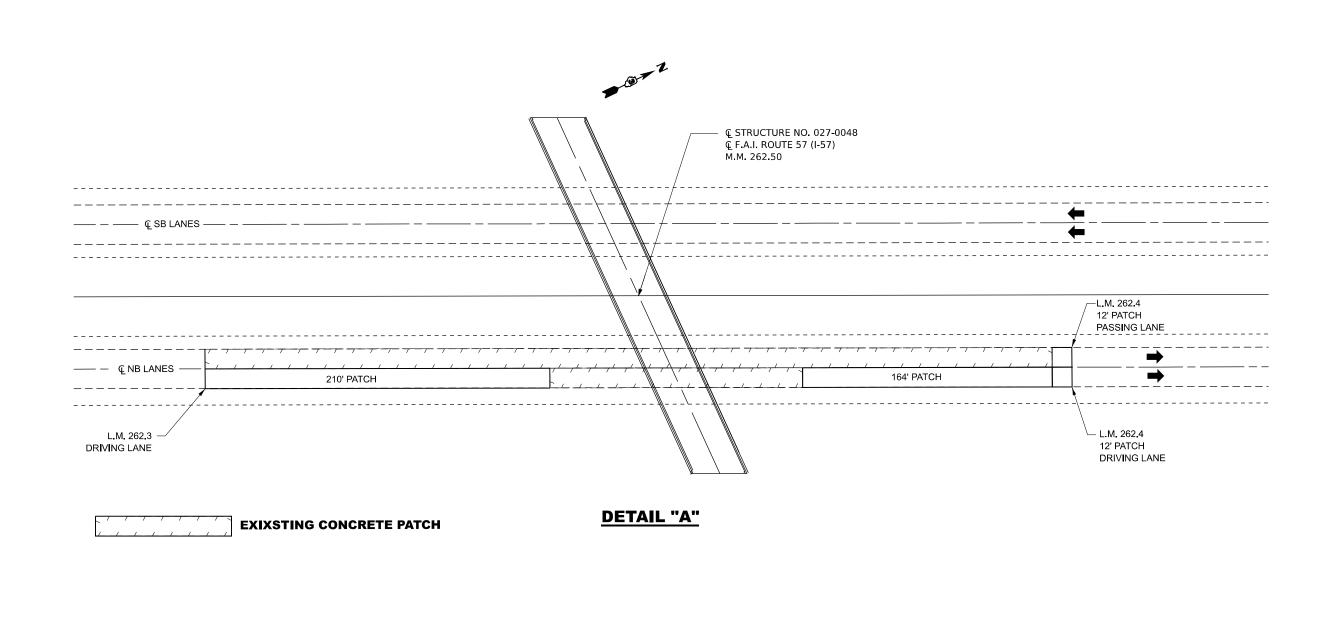
SCALE:

 SCHEDULES
 F.A.I. RTE.
 S

 57
 (10,27)

 SHEET 2 OF 2 SHEETS STA.
 TO STA.

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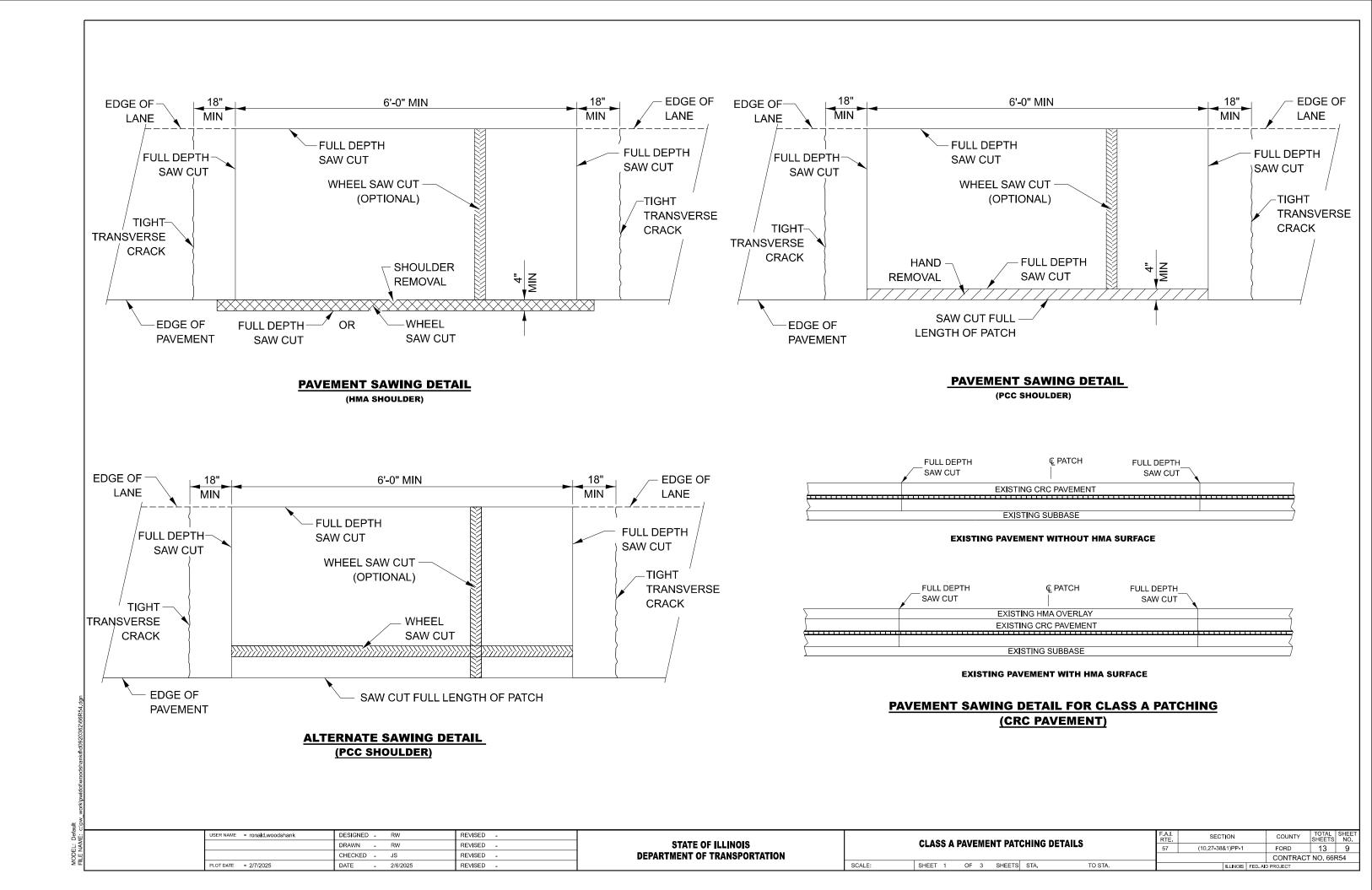
 USER NAME
 = ronald.woodshank
 DESIGNED
 RW
 REVISED

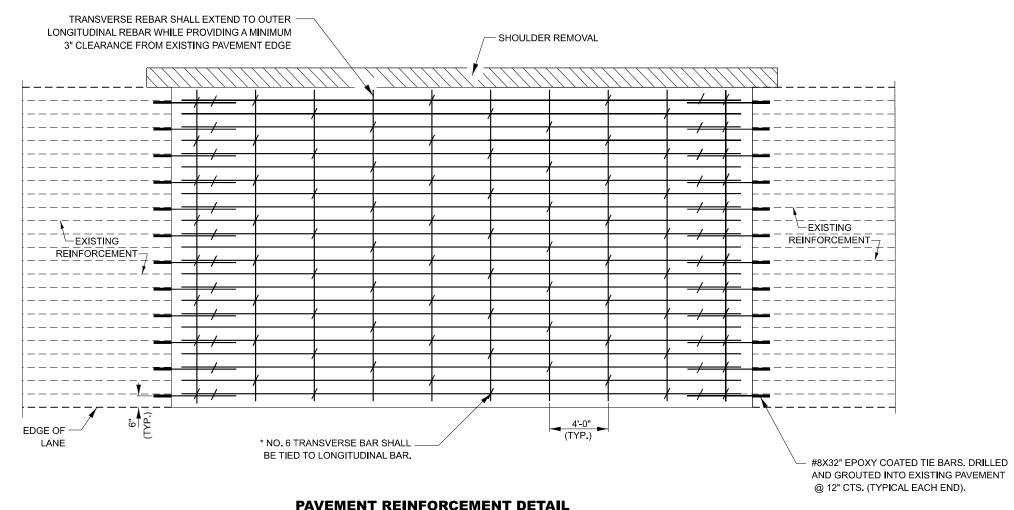
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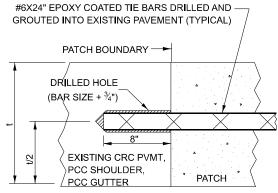
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 REVISED

 PLOT DATE
 = 2/7/2025
 DATE
 2/6/2025
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SHEET 1 OF 1 SHEETS STA. TO STA.



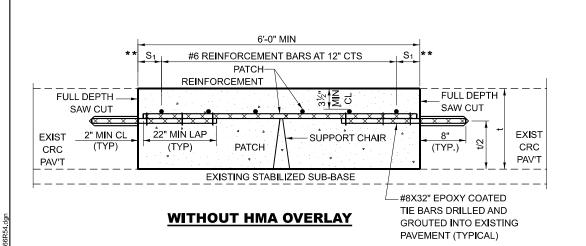


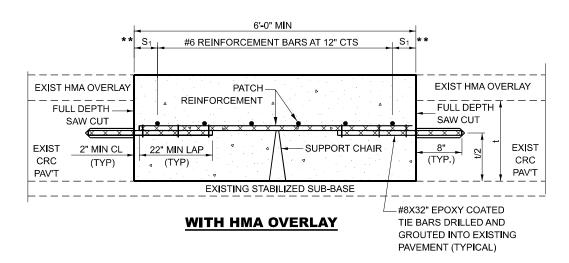


LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.

PAVEMENT REINFORCEMENT DETAIL





PATCHING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)

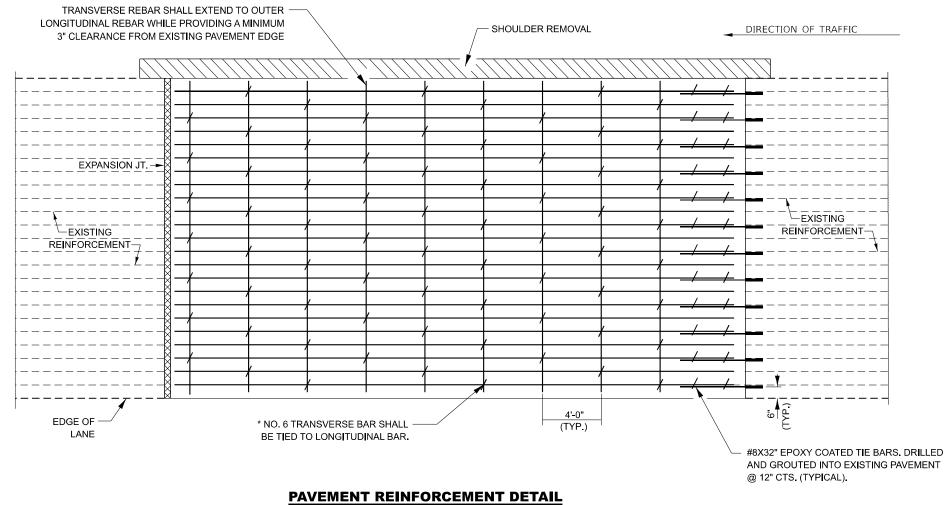
NOTES:

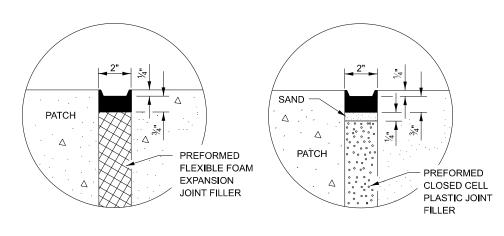
SPACING OF NEW LONGITUDINAL REINFORCEMENT SHALL MATCH THE SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

TRANSVERSE CONSTRUCTION JOINTS: #8 X 32" EPOXY COATED TIE BAR SHALL BE DRILLED AND GROUTED INTO THE EXISTING PCC PAVEMENT AT A SPACING OF ± TWICE THE SPACING OF EXISTING LONGITUDINAL REINFORCEMENT BARS AND SHALL BE TIED TO PROPOSED LONGITUDINAL REINFORCEMENT WITH A MINIMUM OF TWO TIES PER BAR WHEN PRACTICAL.

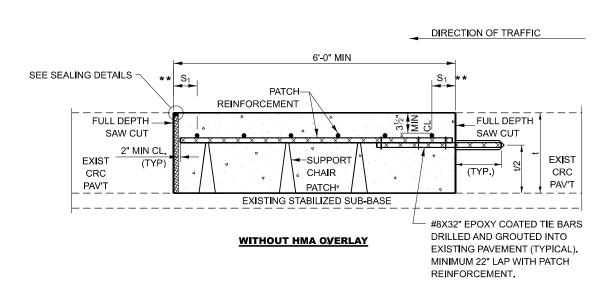
- * EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
- ** VARIABLE: WHERE S₁ IS 2½" MIN. AND 12" MAX.

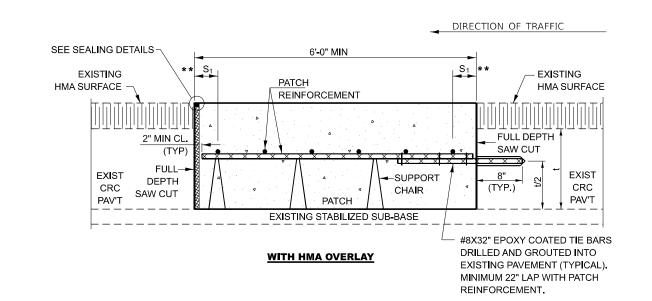
USER NAME = ronald.woodshank DESIGNED - RW REVISED **CLASS A PAVEMENT PATCHING DETAILS** DRAWN -STATE OF ILLINOIS RW REVISED (10,27-38&1)PP-1 13 | 10 CHECKED - JS REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 66R54 SHEET 2 OF 3 SHEETS STA. REVISED





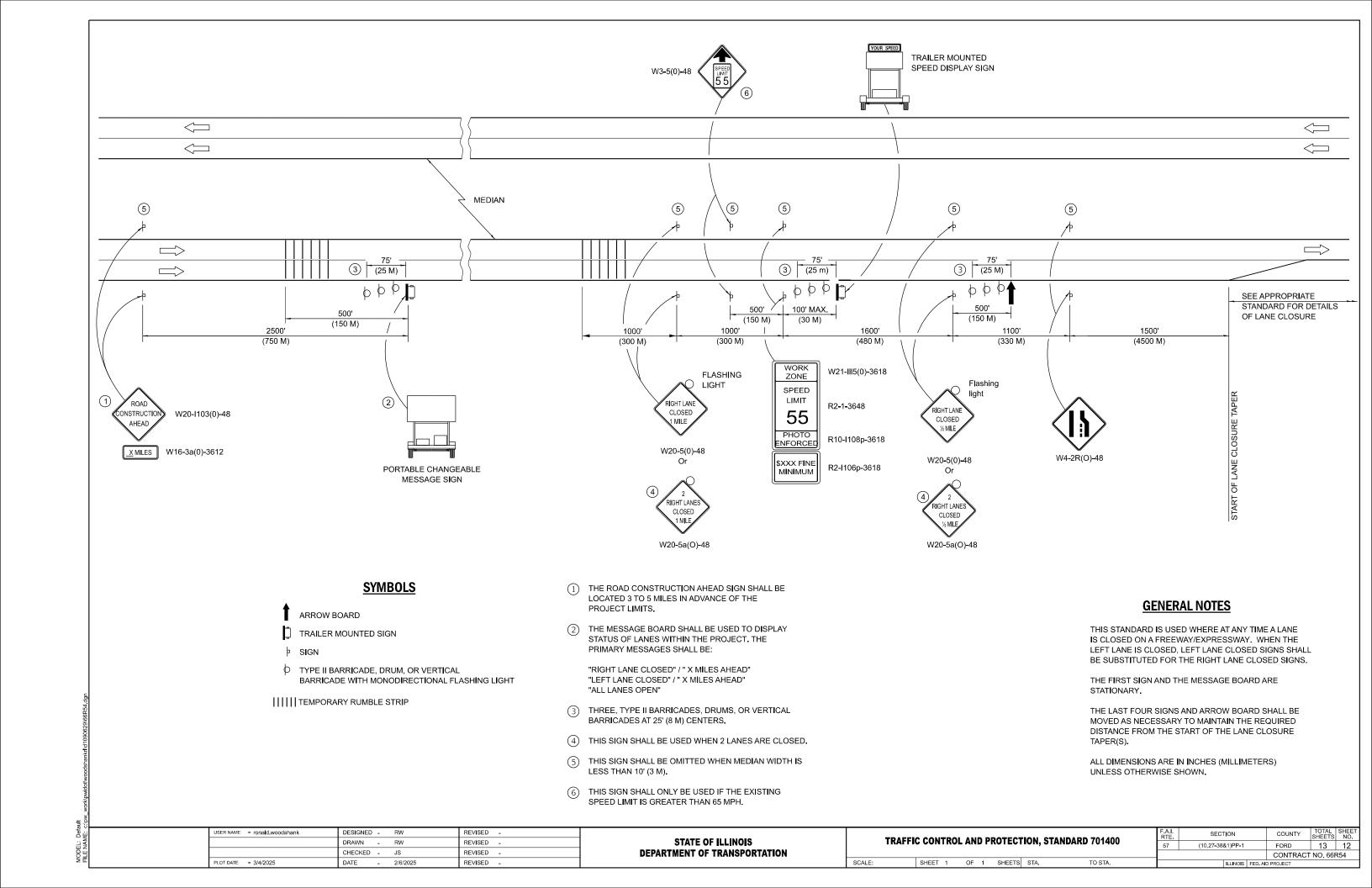
SEALING DETAILS

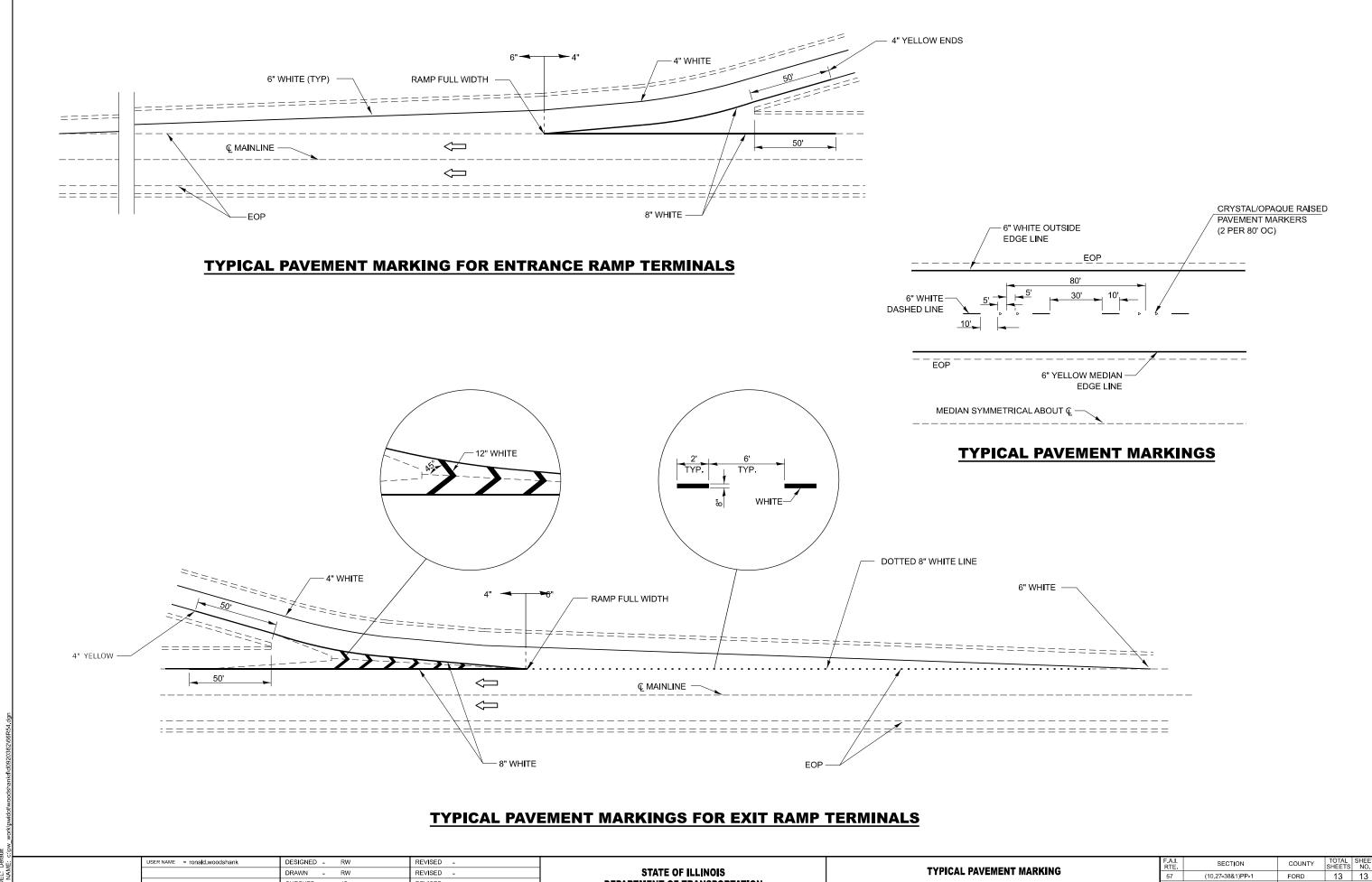




CLASS A PATCH WITH EXPANSION JOINT

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -					F.A.I. RTF	SECTION	COUNTY	TOTAL S	SHEET	
	DRAWN - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS A PAVEMENT PATCHING DETAILS				57	(10,27-38&1)PP-1	FORD	13	11
	CHECKED - JS	REVISED -							CONTR/		T NO. 66R	.54
PLOT DATE = 2/7/2025	DATE - 2/6/2025	REVISED -		SCALE:	SHEET 3 OF 3 SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		





DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 1 SHEETS STA.

CONTRACT NO. 66R54

CHECKED - JS

REVISED -

REVISED