

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	DIST 8 PATCHING 2018-5	MARION	6	1
ILLINOIS			CONTRACT NO. 76L81	

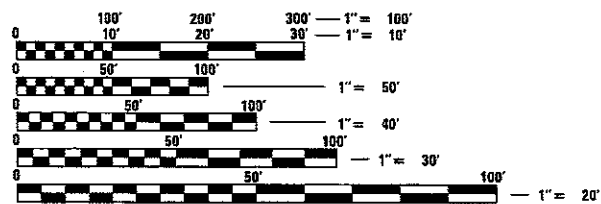
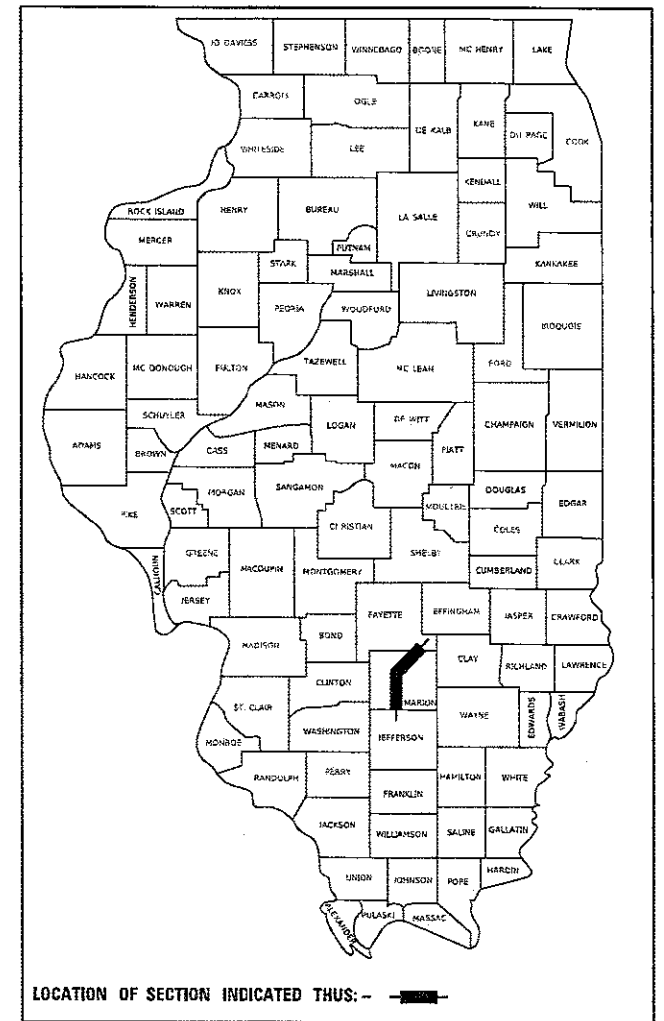
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROPOSED  
HIGHWAY PLANS**

**FAI ROUTE 57 (I-57)  
SECTION DIST 8 PATCHING 2018-5  
PATCHING  
MARION COUNTY**

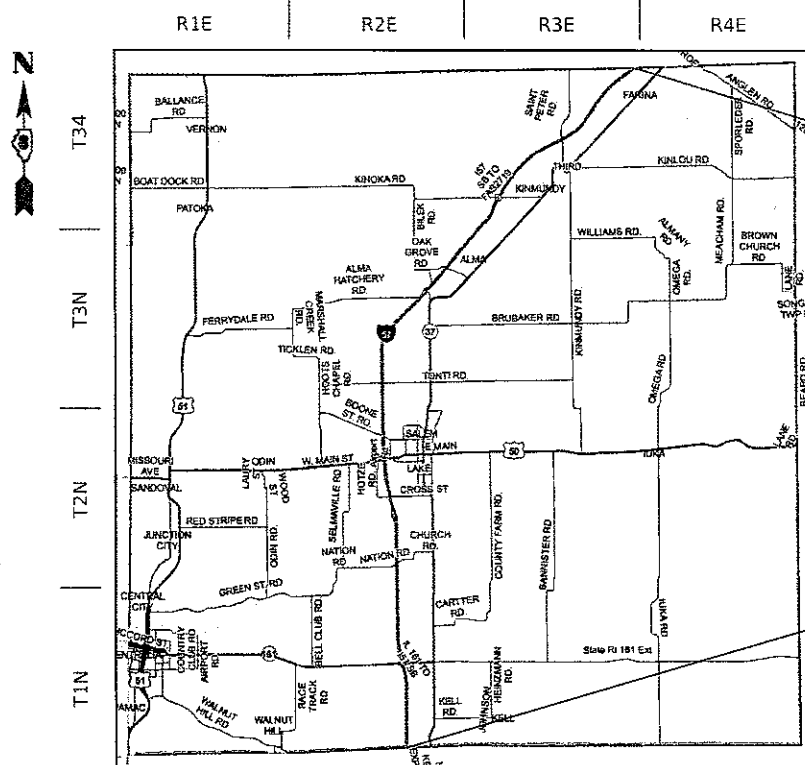
C-98-308-18

D-98-099-18



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

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



END PROJECT  
LAT: 38.82452  
LONG: -88.80210

BEGIN PROJECT  
LAT: 38.47633  
LONG: -88.86079

GROSS / NET LENGTH = 27.95 MILE

PROJECT ENGINEER: HERVE GELIN (618) 346-3179  
PROJECT MANAGER: BILLIE OWEN (618) 346-3209

CONTRACT NO. 76L81

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 29 2018  
Jeffrey Z. Kane  
REGIONAL ENGINEER

May 11 2018  
co E.A. Elk  
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 2018  
James P. [Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

## INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS AND ADT
3. SUMMARY OF QUANTITIES
- 4.-5. TYPICAL SECTIONS
6. SCHEDULE OF QUANTITIES

## HIGHWAY STANDARDS

000001-06  
 001001-02  
 001006  
 442001-04  
 701400-09  
 701411-11  
 701411-09  
 701426-09  
 701428-01  
 701901-07  
 780001-05  
 781001-04

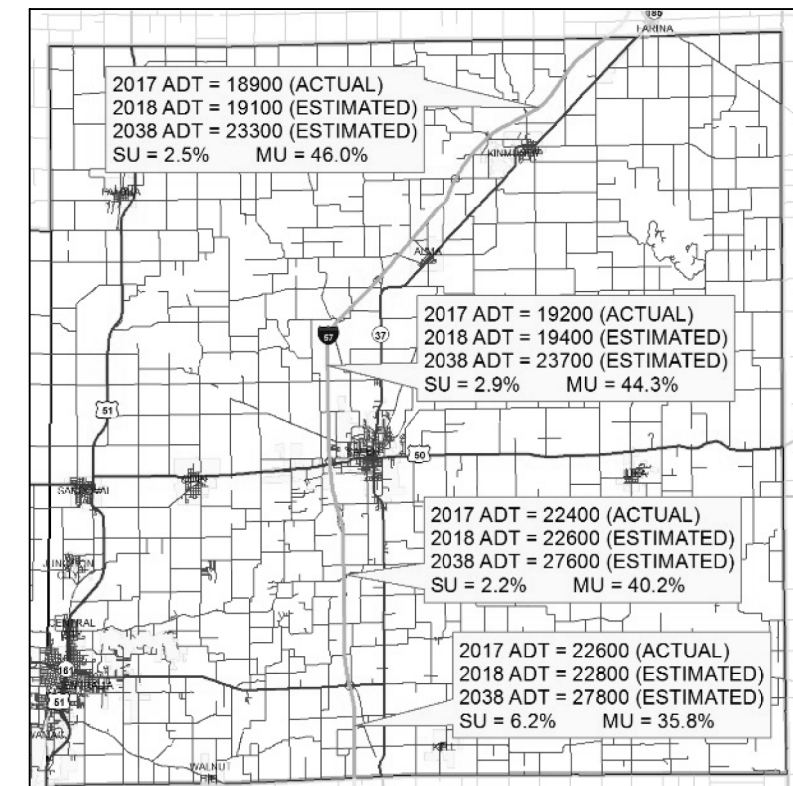
## GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
2. THE CONTRACTORS PATCHING REMOVAL OPERATIONS MAY NOT EXCEED ONE DAYS PATCH REPLACEMENT PRODUCTION.

## COMMITMENTS

NONE

## ADT



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PLOT DATE = 3/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS  
 GENERAL NOTES, COMMITMENTS AND ADT**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	DIST 8 PATCHING 2018-5	MARION	6	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L81	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY	RURAL
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	115	115	
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SQ YD	723	723	
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SQ YD	769	769	
44213000	PATCHING REINFORCEMENT	SQ YD	1605	1605	
44213200	SAW CUTS	FOOT	5560	5560	
44213204	TIE BARS 3/4"	EACH	291	291	
67100100	MOBILIZATION	L SUM	1	1	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	6	6	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	25	25	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1520	1520	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	71	71	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	hour	500	500	

\* SPECIALTY ITEM Ø 0042

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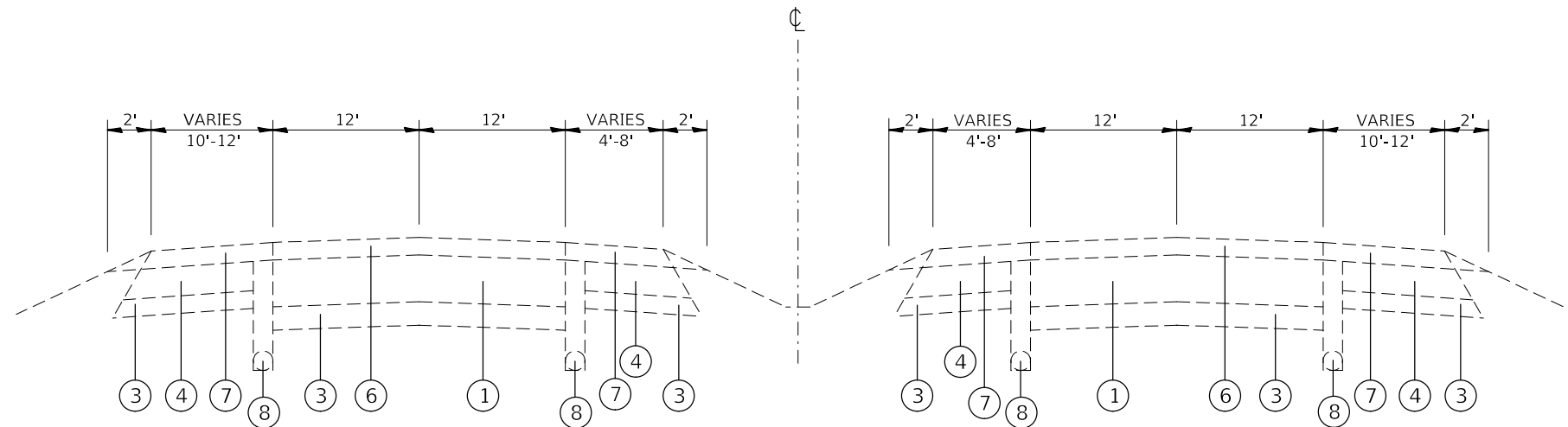
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

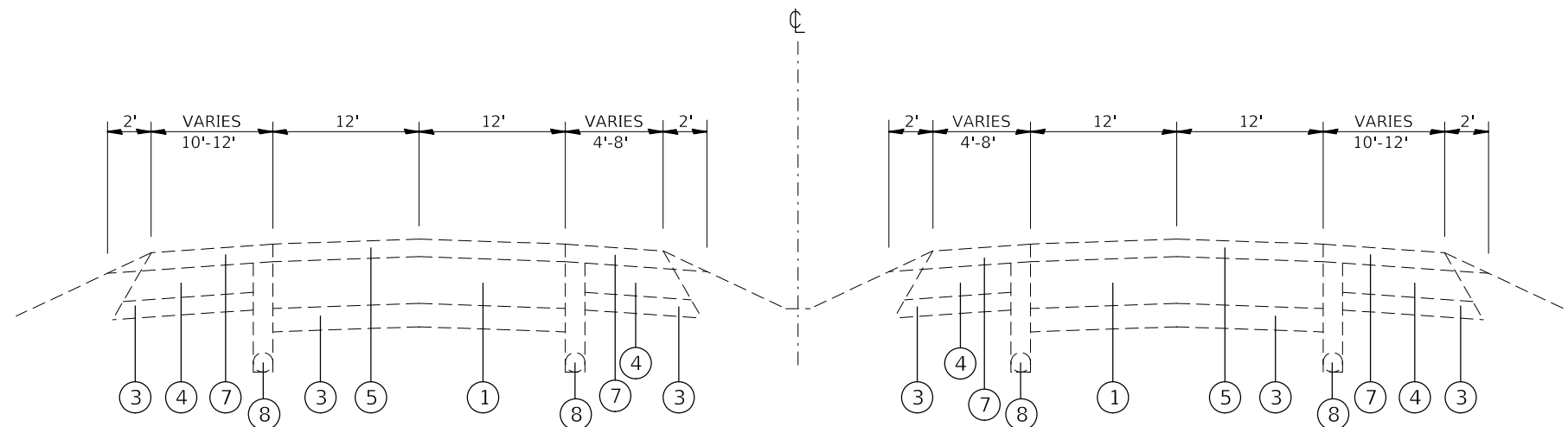
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	DIST 8 PATCHING 2018-5	MARION	6	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L81	



EXISTING TYPICAL SECTION

MILE POINT 106.00 TO MILE POINT 110.00  
 MILE POINT 115.48 TO MILE POINT 130.00\*  
 \*EXCEPT FOR BRIDGE APPROACH PAVEMENT



EXISTING TYPICAL SECTION

MILE POINT 110.00 TO MILE POINT 113.41  
 MILE POINT 113.42 TO MILE POINT 113.46  
 MILE POINT 113.47 TO MILE POINT 115.48

LEGEND

- ① EXISTING CRPPC PAVEMENT 8"
- ② EXISTING PCC PAVEMENT 16½" - 12" - 16½"
- ③ EXISTING STABILIZED SUB-BASE - 4"
- ④ EXISTING STABILIZED SHOULDER - 8"
- ⑤ EXISTING HOT-MIX ASPHALT RESURFACING 3¾"
- ⑥ EXISTING HOT-MIX ASPHALT RESURFACING 4½"
- ⑦ EXISTING HOT-MIX ASPHALT SHOULDERS 3¾"
- ⑧ EXISTING PIPE UNDERDRAINS 4"

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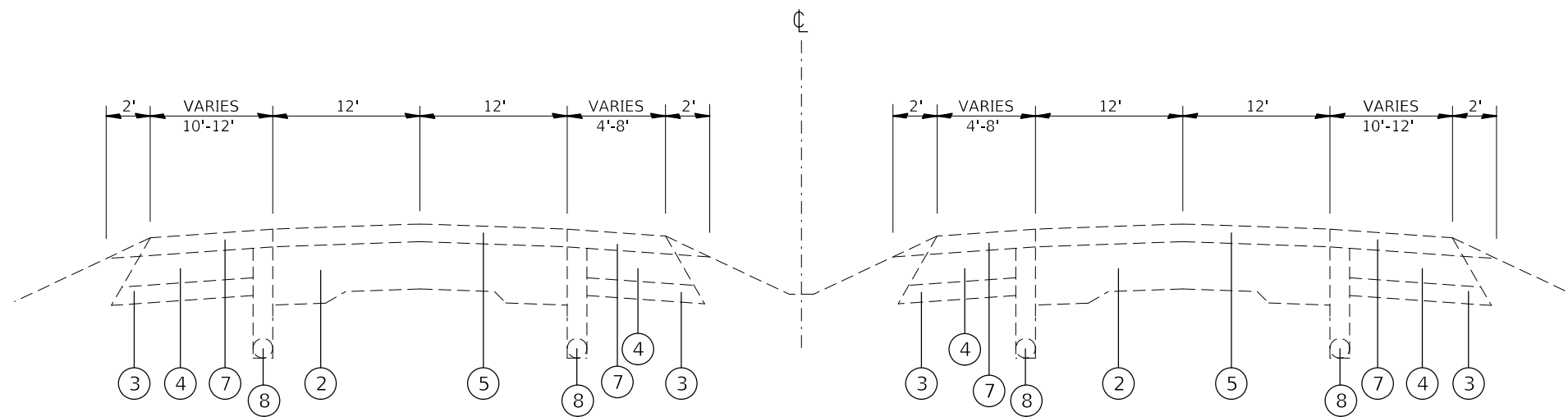
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	DIST 8 PATCHING 2018-5	MARION	6	4
			CONTRACT NO. 76L81	
			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

\*BRIDGE APPROACH PAVEMENTS

LEGEND

- ① EXISTING CRPCC PAVEMENT 8"
- ② EXISTING PCC PAVEMENT 16½" - 12" - 16½"
- ③ EXISTING STABILIZED SUB-BASE - 4"
- ④ EXISTING STABILIZED SHOULDER - 8"
- ⑤ EXISTING HOT-MIX ASPHALT RESURFACING 3¾"
- ⑥ EXISTING HOT-MIX ASPHALT RESURFACING 4½"
- ⑦ EXISTING HOT-MIX ASPHALT SHOULDERS 3¾"
- ⑧ EXISTING PIPE UNDERDRAINS 4"

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	DIST 8 PATCHING 2018-5	MARION	6	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L81	

PATCHING AND PAVEMENT MARKING SCHEDULE												
I-57 SOUTHBOUND					CLASS A PATCH - 13"			PATCHING REINFORCEMENT	TIE BARS 3/4" EACH	SAW CUTS FOOT	RAISED REFLECTIVE PAVEMENT MARKER EACH	PAINT PAVEMENT MARKING LINE - 4" FOOT
M.P.	DL/PL	L	x	W	TYPE II SQYD	TYPE III SQYD	TYPE IV SQYD					
106.4	DL	14	x	12		18.67		18.67		77	1	18
107	DL	25	x	12			33.33	33.34	13	99	1	32
107.2	DL	54	x	12			72.00	72	27	157	2	68
107.3	DL	16	x	12		21.33		21.34		81	1	20
107.4	DL	50	x	12			66.67	66.67	25	149	2	63
107.5	DL	14	x	12		18.67		18.67		77	1	18
107.6	DL	58	x	12			77.33	77.34	29	165	2	73
107.7	DL	12	x	12		16.00		16		73	1	15
107.7	DL	25	x	12			33.33	33.34	13	99	1	32
107.8	DL	16	x	12		21.33		21.34		81	1	20
108.1	DL	18	x	12		24.00		24		85	1	23
108.1	DL	22	x	12			29.33	29.34	11	93	1	28
108.7	DL	16	x	12		21.33		21.34		81	1	20
108.9	DL	16	x	12		21.33		21.34		81	1	20
109.6	DL	22	x	12			29.33	29.34	11	93	1	28
109.7	DL	16	x	12		21.33		21.34		81	1	20
109.8	DL	12	x	12		16.00		16		73	1	15
109.8	DL	14	x	12		18.67		18.67		77	1	18
122.9	DL	12	x	12		16.00		16		73	1	15
123.3	DL	8	x	12	10.67			10.67		65	1	10
126.3	DL	12	x	12		16.00		16		73	1	15
125	DL	22	x	12			29.33	29.34	11	93	1	28
127	DL	28	x	12			37.33	37.34	14	105	1	35
127.1	DL	12	x	12		16.00		16		73	1	15
128.3	DL	6	x	12	8.00			8		61	1	8
128.6	DL	10	x	12	13.33			13.34		69	1	13
129.9	DL	15	x	12		20.00		20		79	1	19
131.4	DL	14	x	12		18.67		18.67		77	1	18
131.5	DL	22	x	12			29.33	29.34	11	93	1	28
131.5	DL	12	x	12		16.00		16		73	1	15
131.6	DL	86	x	12			114.67	114.67	43	221	3	108
132.1	DL	18	x	12		24.00		24		85	1	23
SOUTHBOUND SUB-TOTAL					32	346	552	930	208	2962	37	881
ANT. FAILURES (15%)					5	52	83	140	32	445	6	133
SOUTHBOUND TOTAL					37	398	635	1070	240	3407	43	1014

PATCHING AND PAVEMENT MARKING SCHEDULE												
I-57 NORTHBOUND					CLASS A PATCH - 13"			PATCHING REINFORCEMENT	TIE BARS 3/4" EACH	SAW CUTS FOOT	RAISED REFLECTIVE PAVEMENT MARKER EACH	PAINT PAVEMENT MARKING LINE - 4" FOOT
M.P.	DL/PL	L	x	W	TYPE II SQYD	TYPE III SQYD	TYPE IV SQYD					
106.9	DL	10	x	12	13.33					13.34		13
106.9	DL	25	x	12			33.33			33.34	13	32
106.9	DL	12	x	12		16.00				16		15
106.9	DL	14	x	12		18.67				18.67		18
108.9	DL	14	x	12		18.67				18.67		18
109.1	DL	15	x	12		20.00				20		19
109.3	DL	16	x	12		21.33				21.34		20
109.4	DL	16	x	12		21.33				21.34		20
110.1	DL	16	x	12		21.33				21.34		20
111.3	DL	12	x	12		16.00				16		15
111.5	DL	8	x	12	10.67					10.67		10
112	DL	12	x	12		16.00				16		15
112.4	DL	10	x	12	13.33					13.34		13
113.6	PL	16	x	12		21.33				21.34		20
113.7	PL	8	x	12	10.67					10.67		10
114	PL	6	x	12	8.00					8		8
114.1	DL	12	x	12		16.00				16		15
114.1	DL	22	x	12			29.33			29.34	11	28
122.9	PL	14	x	12		18.67				18.67		18
122.9	PL	14	x	12		18.67				18.67		18
122.9	PL	12	x	12		16.00				16		15
124	PL	8	x	12	10.67					10.67		10
124	PL	16	x	12		21.33				21.34		20
124	DL	40	x	12			53.33			53.34	20	50
NORTHBOUND SUB-TOTAL					67	282	116	465	44	1872	24	440
ANT. FAILURES (15%)					11	43	18	70	7	281	4	66
NORTHBOUND TOTAL					78	325	134	535	51	2153	28	506
TYPE A PATCHING TOTALS					115	723	769	1605	291	5560	71	1520

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	DIST 8 PATCHING 2018-5	MARION	6	6
CONTRACT NO. 76L81				
ILLINOIS FED. AID PROJECT				