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04-24-2020 LETTING ITEM 070

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

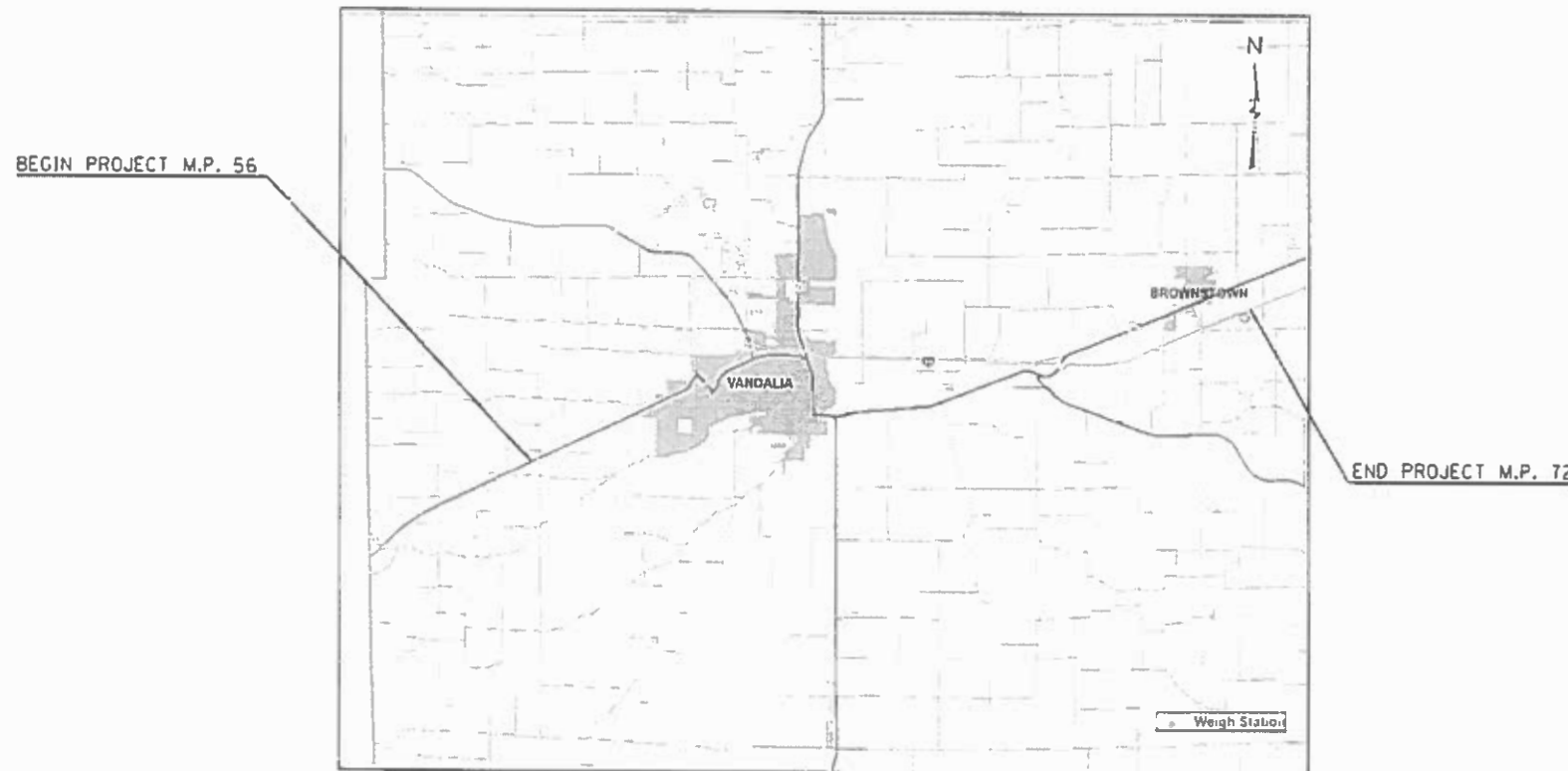
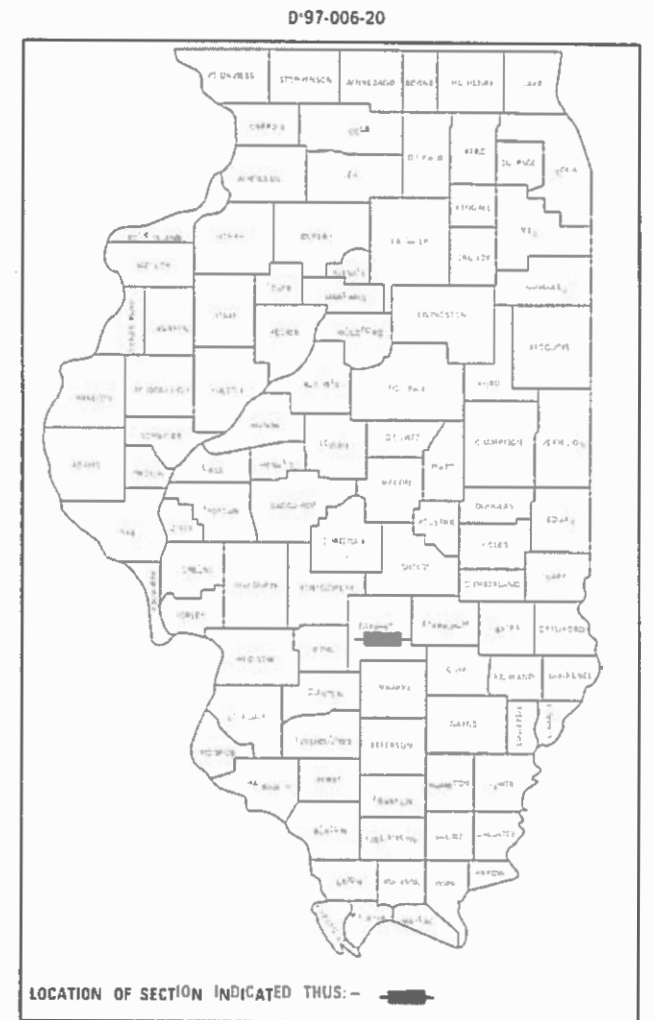
FAI SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	D7 PATCHING 2020-2	FAYETTE	4	1
		ILLINOIS	CONTRACT NO. 74930	

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
ADT = 21,600 (2019)

# PROPOSED HIGHWAY PLANS

FAI ROUTE 70 (I-70)  
SECTION D7 PATCHING 2020-2  
PATCHING  
FAYETTE COUNTY

C-97-006-20



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 EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT ENGINEER BRIAN LEWIS  
PROJECT MANAGER BRANDON BAILEY  
PHONE: (217) 342-8360  
CONTRACT NO. 74930

GROSS LENGTH = 90,288.0 FT. = 17.10 MILE  
NET LENGTH = 90,288.0 FT. = 17.10 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED JANUARY 13 20 20

*Jeffrey P. Myerks*  
REGIONAL ENGINEER

*Mark [unclear]*  
ENGINEER OF DESIGN AND ENVIRONMENT

*James [unclear]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & PATCHING SCHEDULE
3	SUMMARY OF QUANTITIES
4	I-70 SCHEDULE OF QUANTITIES

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 4:

STD. NO.	DESCRIPTION
001001-02	AREAS OF REINFORCEMENT BARS
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS • 45 MPH
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

## GENERAL NOTES

THIS PROJECT IS LOCATED ON I-70 IN FAYETTE COUNTY. THE PROJECT STARTS APPROXIMATELY 3.2 MILES EAST OF THE BOND COUNTY LINE AT M.P. 56 TO THE BROWNSTOWN WEIGH STATION AT M.P. 72. THE PROJECT ALSO INCLUDES THE BROWNSTOWN WEIGH STATION. THE WORK INCLUDED IN SECTION D7 PATCHING 2020-2 CONSISTS OF CLASS A PAVEMENT PATCHING, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE ESTIMATED NUMBER OF PATCHES IS AS FOLLOWS:

	TYPE II	TYPE III	TYPE IV
EASTBOUND DRIVING	18	4	0
EASTBOUND PASSING	7	0	0
WESTBOUND DRIVING	15	0	1
WESTBOUND PASSING	4	0	0
BROWNSTOWN WEIGH STATION	9	5	3

THE ACTUAL LOCATIONS OF PAVEMENT PATCHING AND FINAL QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

DETECTOR LOOP, TYPE I HAS BEEN INCLUDED FOR ANY DETECTOR LOOPS THAT MAY BECOME DAMAGED DURING THE CONSTRUCTION OF CLASS A PATCHES IN THE BROWNSTOWN WEIGH STATION.

## PATCHING SCHEDULE

PATCHING SCHEDULE FAYETTE COUNTY (I-70)	CLASS A PATCHES, TYPE II, 12"	CLASS A PATCHES, TYPE III, 12"	CLASS A PATCHES, TYPE IV, 12"	CLASS A PATCHES, TYPE II, 16"	CLASS A PATCHES, TYPE III, 16"	CLASS A PATCHES, TYPE IV, 16"	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"
	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	FOOT	EACH
<b>I-70 (M.P. 56 TO M.P. 72)</b>									
EASTBOUND DRIVING				176.1	64.0		240.1	1449.0	
EASTBOUND PASSING				72.0			72.0	424.5	
WESTBOUND DRIVING				138.7		100.0	238.7	1144.0	37.0
WESTBOUND PASSING				42.7			42.7	262.0	
<b>TOTAL</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>429.5</b>	<b>64.0</b>	<b>100.0</b>	<b>593.5</b>	<b>3279.5</b>	<b>37.0</b>
<b>BROWNSTOWN WEIGH STATION</b>									
EASTBOUND	101.1	96.0	106.7				303.8	1461.5	12.0
<b>PROJECT TOTALS</b>	<b>101.1</b>	<b>96.0</b>	<b>106.7</b>	<b>429.5</b>	<b>64.0</b>	<b>100.0</b>	<b>897.3</b>	<b>4741.0</b>	<b>49.0</b>
<b>ROUND TO</b>	<b>101</b>	<b>96</b>	<b>107</b>	<b>430</b>	<b>64</b>	<b>100</b>	<b>897</b>	<b>4741</b>	<b>49</b>

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PLOT DATE = 1/15/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, INDEX OF SHEETS & PATCHING SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	D7 PATCHING 2020-2	FAYETTE	4	2
CONTRACT NO. 74930				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0006 100% STATE			CODE NO	ITEM	UNIT		0006 100% STATE		
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SO YD	101	101			70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
44200581	CLASS A PATCHES, TYPE III, 12 INCH	SO YD	96	96			* 88600100	DETECTOR LOOP, TYPE I	FOOT	101	101		
44200583	CLASS A PATCHES, TYPE IV, 12 INCH	SO YD	107	107									
44200645	CLASS A PATCHES, TYPE II, 16 INCH	SO YD	430	430									
44200646	CLASS A PATCHES, TYPE III, 16 INCH	SO YD	64	64									
44200647	CLASS A PATCHES, TYPE IV, 16 INCH	SO YD	100	100									
44213000	PATCHING REINFORCEMENT	SO YD	897	897									
44213200	SAW CUTS	FOOT	4741	4741									
44213204	TIE BARS 3/4"	EACH	49	49									
67100100	MOBILIZATION	L SUM	1	1									
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4									
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1									
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1									

\* SPECIALTY ITEM

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/15/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	D7 PATCHING 2020-2	FAYETTE	4	3
CONTRACT NO. 74930			ILLINOIS FED. AID PROJECT	

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PATCHING SCHEDULE FAYETTE COUNTY ( I-70)	MILEPOST	LENGTH		CLASS A PATCHES, TYPE II, 16"	CLASS A PATCHES, TYPE III, 16"	CLASS A PATCHES, TYPE IV, 16"	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"
		FOOT	FOOT						
I-70 ( M.P. 56 TO M.P. 72)									
EASTBOUND									
EBPL	60.391	6	12	8			8	61.5	
EBDL	60.606	6	12	8			8	61.5	
EBPL	60.608	8	12	10.7			10.7	65.5	
EBDL	60.623	6	12	8			8	61.5	
EBDL	63.702	6	12	8			8	61.5	
EBPL	63.702	6	12	8			8	55.5	
EBDL	63.743	6	12	8			8	61.5	
EBPL	63.743	6	12	8			8	55.5	
EBDL	63.800	12	12		16		16	73.5	
EBDL	63.802	12	12		16		16	73.5	
EBDL	64.194	6	12	8			8	61.5	
EBDL	64.220	10	12	13.3			13.3	69.5	
EBPL	64.270	10	12	13.3			13.3	69.5	
EBDL	64.762	10	12	13.3			13.3	69.5	
EBPL	64.762	10	12	13.3			13.3	59.5	
EBDL	64.781	8	12	10.7			10.7	65.5	
EBPL	64.781	8	12	10.7			10.7	57.5	
EBDL	64.800	12	12		16		16	73.5	
EBDL	64.802	6	12	8			8	61.5	
EBDL	64.805	8	12	10.7			10.7	65.5	
EBDL	64.815	11	12	14.7			14.7	71.5	
EBDL	64.825	11	12	14.7			14.7	71.5	
EBDL	64.990	12	12		16		16	73.5	
EBDL	65.448	6	12	8			8	61.5	
EBDL	65.904	6	12	8			8	61.5	
EBDL	65.960	8	12	10.7			10.7	65.5	
EBDL	70.753	6	12	8			8	61.5	
EBDL	70.774	6	12	8			8	61.5	
EBDL	71.088	6	12	8			8	61.5	

PATCHING SCHEDULE FAYETTE COUNTY ( I-70)	MILEPOST	LENGTH		CLASS A PATCHES, TYPE II, 16"	CLASS A PATCHES, TYPE III, 16"	CLASS A PATCHES, TYPE IV, 16"	PATCHING REINFORCEMENT	SAW CUTS	TIE BARS 3/4"
		FOOT	FOOT						
I-70 ( M.P. 56 TO M.P. 72)									
WESTBOUND									
WBDL	67.862	75	12			100.0	100.0	199.5	
WBDL	66.205	10	12	13.3			13.3	69.5	
WBDL	66.004	8	12	10.7			10.7	65.5	
WBDL	65.993	6	12	8.0			8.0	61.5	
WBDL	65.981	6	12	8.0			8.0	55.5	
WBPL	65.981	10	12	13.3			13.3	69.5	
WBPL	65.969	8	12	10.7			10.7	65.5	
WBDL	64.780	6	12	8.0			8.0	61.5	
WBDL	64.600	6	12	8.0			8.0	61.5	
WBPL	64.599	8	12	10.7			10.7	65.5	
WBDL	64.134	6	12	8.0			8.0	61.5	
WBDL	63.970	6	12	8.0			8.0	61.5	
WBDL	63.775	8	12	10.7			10.7	65.5	
WBDL	63.716	6	12	8.0			8.0	61.5	
WBDL	60.293	10	12	13.3			13.3	69.5	
WBDL	58.815	6	12	8.0			8.0	61.5	
WBPL	58.400	6	12	8.0			8.0	61.5	
WBDL	58.384	6	12	8.0			8.0	61.5	
WBDL	58.064	6	12	8.0			8.0	61.5	
WBDL	57.876	8	12	10.7			10.7	65.5	37.0
TOTAL				429.5	64.0	100.0	593.5	3279.5	37.0

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**I-70 SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	D7 PATCHING 2020-2	FAYETTE	4	4
			CONTRACT NO. 74930	
			ILLINOIS FED. AID PROJECT	