

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

F.A.P. ROUTE 325/F.A.P. ROUTE 91 (IL. RTE. 16)  
SECTION D7 PATCHING 2017-1

PATCHING  
COLES COUNTY

C-97-063-16

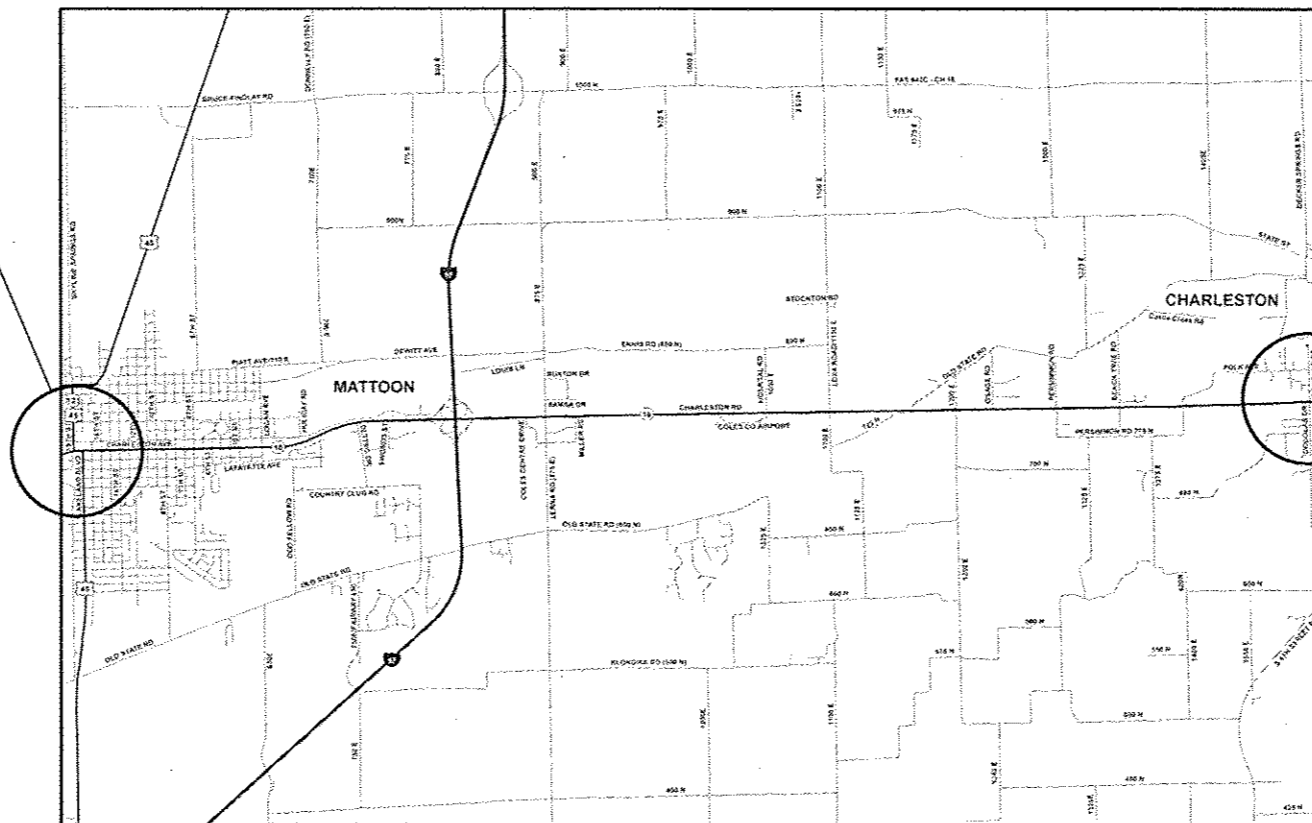
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 15,000 (2016)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D7 PATCHING 2017-1	COLES	3	1
		ILLINOIS	CONTRACT NO. 74768	

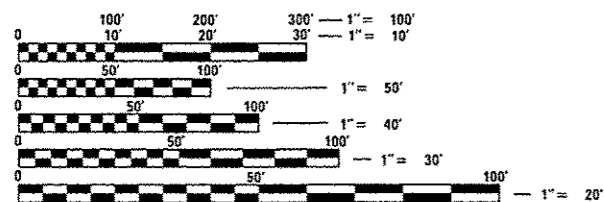
• FAP 325/91

D-97-032-16



PROJECT BEGINS:  
U.S. RTE. 45  
(LAKELAND BLVD.)

PROJECT ENDS:  
DOUGLAS DR.



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

PROJECT ENGINEER: TOM RONAN  
PROJECT MANAGER: KALEB KNIERIM  
PHONE: (217)-342-8320  
CONTRACT NO. 74768

GROSS LENGTH = 51,163 FT. = 9.69 MILES  
NET LENGTH = 51,163 FT. = 9.69 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 2, 2016

*[Signature]* REGIONAL ENGINEER

Sept 30, 2016  
Maureen M. Addis  
actg ENGINEER OF DESIGN AND ENVIRONMENT

Sept 30, 2016  
*[Signature]* 2  
DIRECTOR OF PROGRAM DEVELOPMENT

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## INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, DETECTOR LOOP TABLE, & SCHEDULE
3	SUMMARY OF QUANTITIES

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 3:

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-07	CLASS B PATCHES
701101-05	OFF-RD OPERATIONS, MULTI-LANE, LESS THAN 15' TO PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701411-09	LANE CLOSURE, MULTI-LANE, ENTRANCE OR EXIT RAMP
701422-08	LANE CLOSURE, MULTI-LANE, 45 - 55 MPH
701602-07	URBAN LANE CLOSURE, MULTI-LANE, TWO-WAY WITH BI-DIRECTIONAL TURN LANE
701701-10	URBAN LANE CLOSURE, MULTI-LANE, INTERSECTION
701901-05	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

## NUMBER OF TURNS REQUIRED IN DETECTOR LOOPS

6 X 6		LOOP SIZE
		2 TURNS
		3 TURNS
0	545	4 TURNS
546	818	5 TURNS
819	1145	6 TURNS
1146	1527	7 TURNS
1528	1964	8 TURNS
1965	2455	9 TURNS
2456	3000	10 TURNS

THE NUMBERS IN THE TABLE REPRESENT THE LENGTH OF ELECTRIC CABLE FROM THE LOOP TO THE CABINET

## GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON ILLINOIS ROUTE 16 IN COLES COUNTY. THE PROJECT STARTS AT US ROUTE 45 IN MATTOON AND EXTENDS EAST FOR APPROXIMATELY 9.69 MILES TO DOUGLAS DRIVE IN CHARLESTON. THE WORK INCLUDED IN SECTION D7 PATCHING 2017-1 CONSISTS OF CLASS B PAVEMENT PATCHING, DETECTOR LOOPS, TRAFFIC CONTROL AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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

AN ESTIMATED QUANTITY OF DETECTOR LOOPS, TYPE I HAS BEEN INCLUDED TO REPLACE ANY DETECTOR LOOPS THAT ARE WITHIN THE LIMITS OF A PATCH. THE ACTUAL LOCATIONS OF DETECTOR LOOPS AND FINAL QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

## PATCHING SCHEDULE

PATCHING SCHEDULE	CLASS B PATCHES, TYPE II, 15"	CLASS B PATCHES, TYPE III, 15"	DOWEL BARS 1 1/2"	WELDED WIRE REINFORCEMENT	SAW CUTS
	SQ YD	SQ YD	EACH	SQ YD	FOOT
EBDL	603	48	1500	48	3789
EBPL	531		1300		3224
WBDL	531	32	1360	32	3394
WBPL	509		1260		3127
TOTALS	2174	80	5420	80	13533

• FAP 325 & FAP 91

FILE NAME : pww\11084E810M\FEG.illinois.gov\PW\DOT\Do	USER NAME : staffannk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES, DETECTOR LOOP TABLE AND PATCHING SCHEDULE</b>	F.A.P. RTE.	SECTION D7 PATCHING 2017-1	COUNTY COLES	TOTAL SHEETS 3	SHEET NO. 2
PLLOT SCALE : 100.0000 / in.	PLLOT DATE : 8/10/2016	CHECKED -	REVISED -	SCALE: N/A	SHEET 1 OF 1 SHEETS	ILLINOIS FED. AID PROJECT		CONTRACT NO. 74768		

