

04-27-2018 LETTING ITEM 039

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325/91	D7 PATCHING 2018-6	COLES	3	1
		ILLINOIS	CONTRACT NO. 74810	

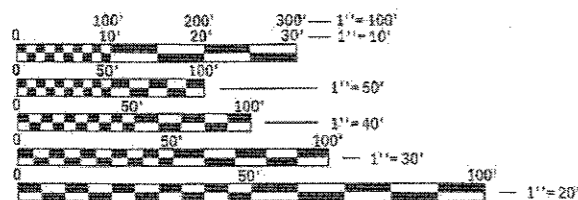
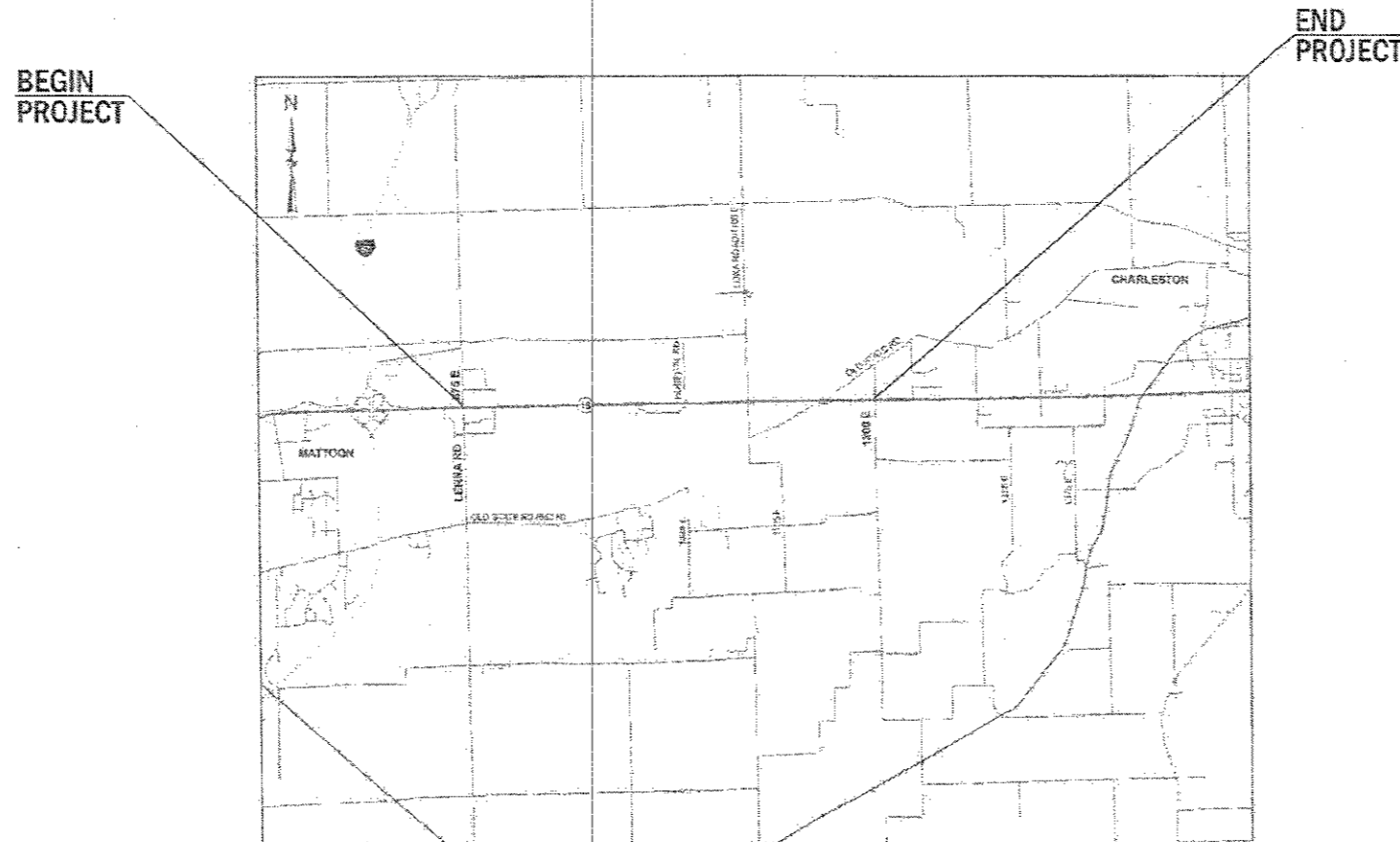
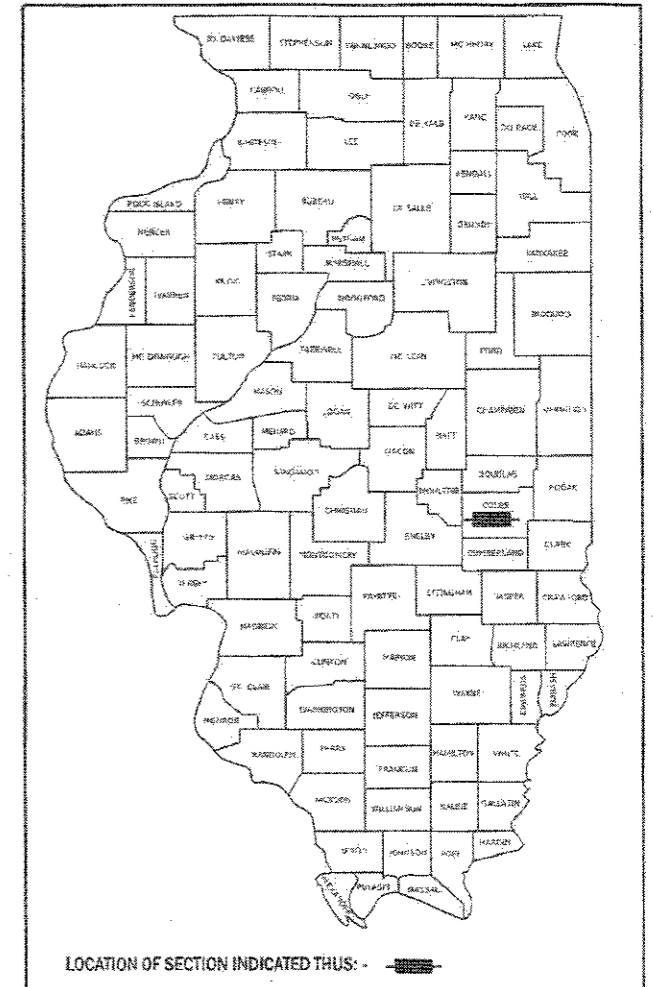
FOR INDEX OF SHEETS, SEE SHEET NO. 2
ADT = 13,300 5% TRUCKS (2015)

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 325/91 (ILL 16)
SECTION D7 PATCHING 2018-6
PROJECT
PATCHING
COLES COUNTY

C-97-064-17

D-97-031-17



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: TOM RONAN
PHONE: (217) 342-8320
CONTRACT NO. 74810

GROSS LENGTH = 17054.4 FT. = 3.23 MILE
NET LENGTH = 17054.4 FT. = 3.23 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 29 2018
Jeffrey A Southie
REGIONAL ENGINEER

Mar 23 2018
as E.A.E.T.
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 23 2018
Paul P. Chaf
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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INDEX OF SHEETS

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
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-08	CLASS B PATCHES
701101-05	OFF-ROAD OPERATIONS, MULTI-LANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701422-10	LANE CLOSURE, MULTI-LANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701901-07	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 PROJECT IS LOCATED ON ILLINOIS ROUTE 16 IN COLES COUNTY. THE PROJECT STARTS AT LERNA ROAD AND EXTENDS EAST FOR APPROXIMATELY 3.23 MILES TO 1200E WEST OF CHARLESTON. THE WORK INCLUDED IN SECTION D7 PATCHING 2018-6 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 COLES COUNTY (ILL 16)	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			
EBDL	502	32	1120	32	2956
EBPL	435	0	1040	0	2602
WBDL	451	0	1080	0	2701
WBPL	416	0	1040	0	2574
TOTALS	1804	32	4280	32	10833

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, DETECTOR LOOP TABLE, AND PATCHING SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\084EB\INTEG.illinois.gov\FWIDOT\Documents\DOT Offices\District 7\Projects\74810\CADData\CAD\10-shi-genmate.dgn	10-shi-genmate.dgn	CHECKED -	REVISED -			325/91	D7 PATCHING 2018-6	COLES	3	2	
PLOT SCALE = 100.0000 / in.		DATE -	REVISED -			CONTRACT NO. 74810					
PLOT DATE = 1/24/2018						ILLINOIS FED. AID PROJECT					

