

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

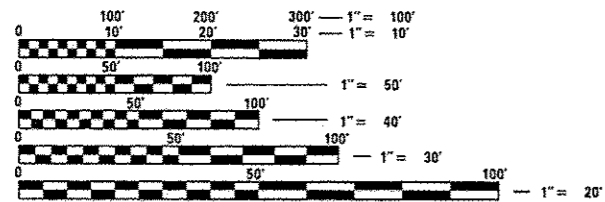
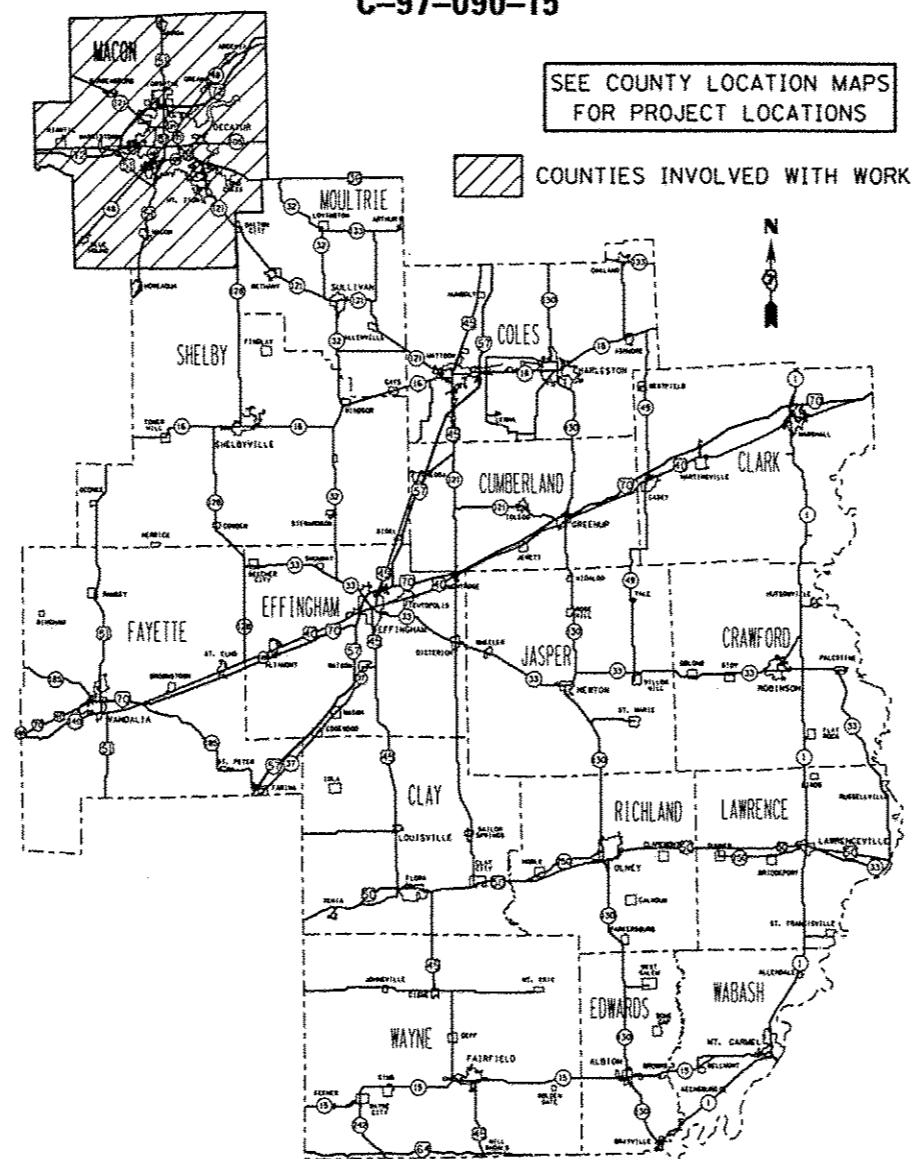
F.A.P. ROUTE 322 (US RTE. 51)
SECTION D7 PATCHING 2016-4

PAVEMENT PATCHING
MACON COUNTY

C-97-090-15

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 PATCHING 2016-4	MACON	5	1
		ILLINOIS	CONTRACT NO. 74736	



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. 74736

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 14 20 15

Roger L. Driskell 1003
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

John D. Baranzelli PE, BC
acting ENGINEER OF DESIGN AND ENVIRONMENT

Oct 2 20 15

Omer Osman PE, BC
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES/DET. LOOP TBL
5	LOCATION MAPS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 5:

00001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
420001-08	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
421001-02	BAR REINFORCEMENT FOR CONTINUOUSLY REINFORCED CONCRETE PAVEMENT
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-08	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-09	LANE CLOSURE, FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W NONTRAVERSABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-04	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON US ROUTE 51 IN MACON COUNTY. THE SB PATCHING STARTS AT MARION AVENUE IN FORSYTH AND EXTENDS NORTH TO THE MACON/DEWITT COUNTY LINE. THE NB PATCHING STARTS APPROXIMATELY 425 FEET SOUTH OF SHAFER ST./ILLINIWICK RD. AND EXTENDS NORTH TO THE MACON/DEWITT COUNTY LINE. ALL PAVEMENT PATCHING IS IN THE BARE CONCRETE SECTIONS, THERE IS NO PATCHING IN AREAS THAT HAVE BEEN RESURFACED. THE WORK INCLUDED IN SECTION 07 PATCHING 2016-4 CONSISTS OF CLASS A AND CLASS B PAVEMENT PATCHING, DETECTOR LOOPS, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

ALL REINFORCEMENT BARS FOR CLASS A PATCHES SHALL BE #6 BARS.

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.

FILE NAME *	USER NAME = staffamk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11284EBID\INTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 7\Projects\7477\Drawings\CD\Sheets\0774736-ahg-gennote.d		CHECKED -	REVISED -			322	07 PATCHING 2016-4	MACON	5	2
Default		DATE -	REVISED -			SCALE: N/A	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 74736	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		100% STATE 0005	
44200525	CLASS A PATCHES, TYPE I, 8 INCH	SO YD	272	272	
44200529	CLASS A PATCHES, TYPE II, 8 INCH	SO YD	648	648	
44200533	CLASS A PATCHES, TYPE III, 8 INCH	SO YD	386	386	
44200535	CLASS A PATCHES, TYPE IV, 8 INCH	SO YD	788	788	
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SO YD	1016	1016	
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SO YD	64	64	
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SO YD	54	54	
44201299	DOWEL BARS 1 1/2"	EACH	2660	2660	
44213000	PATCHING REINFORCEMENT	SO YD	2092	2092	
44213100	PAVEMENT FABRIC	SO YD	118	118	
44213200	SAW CUTS	FOOT	17610	17610	
44213204	TIE BARS 3/4"	EACH	776	776	
67100100	MOBILIZATION	LSUM	1	1	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		100% STATE 0005	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1	
88600100	DETECTOR LOOP, TYPE I	FOOT	500	500	
X7010410	SPEED DISPLAY TRAILER	CAL MO	5	5	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	

* SPECIALTY ITEM

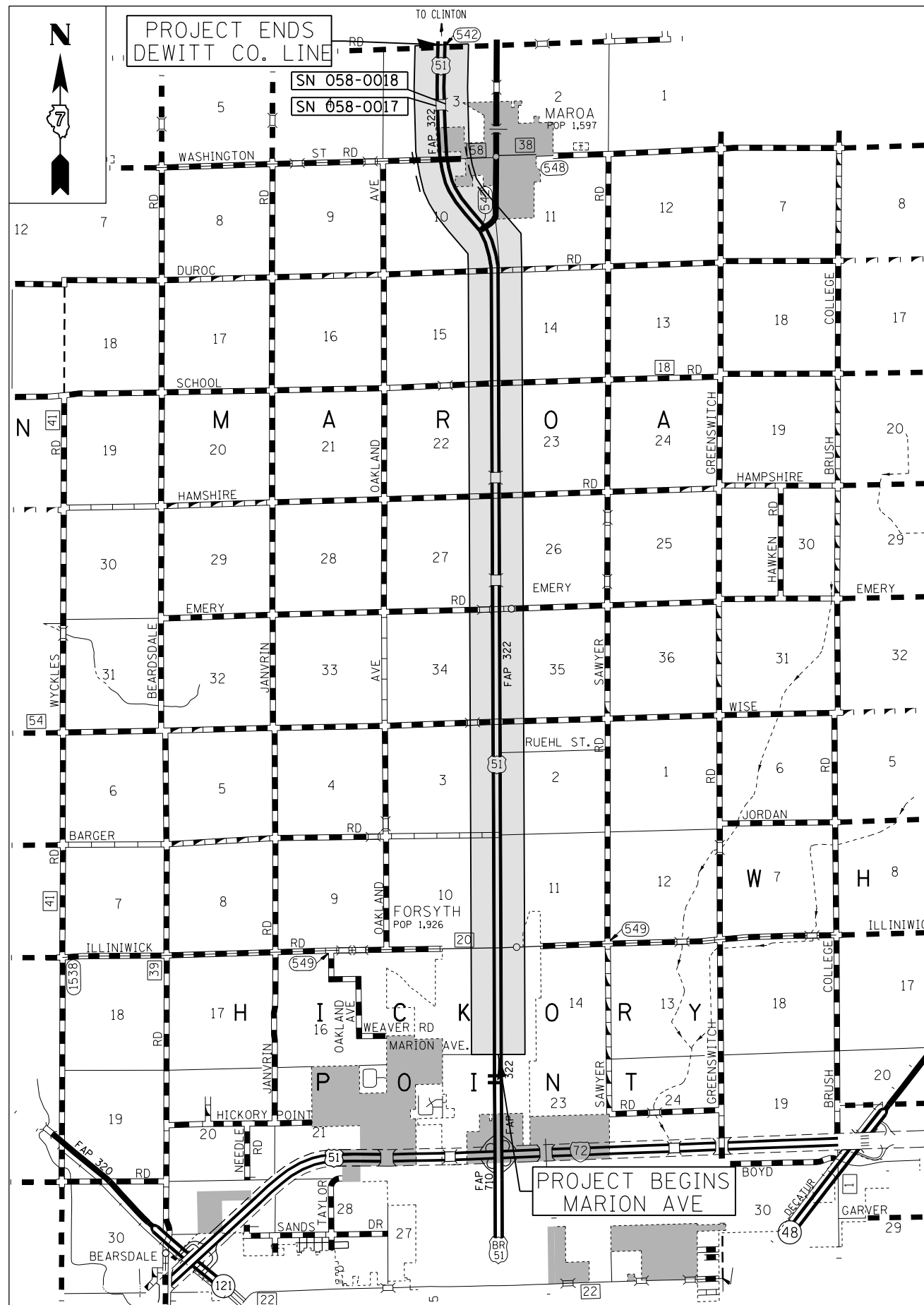
PATCHING SCHEDULE

PATCHING SCHEDULE	CLASS A PATCHES, TYPE I, 8"	CLASS A PATCHES, TYPE II, 8"	CLASS A PATCHES, TYPE III, 8"	CLASS A PATCHES, TYPE IV, 8"	CLASS B PATCHES, TYPE II, 9"	CLASS B PATCHES, TYPE III, 9"	CLASS B PATCHES, TYPE IV, 9"	PATCHING REINFORCEMENT	DOWEL BARS 1 1/2"	PAVEMENT FABRIC	SAW CUTS	TIE BARS 3/4"
	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	EACH	SO YD	FOOT	EACH
NBDL	44	146	96	267	240	0	0	552	600	0	4201	260
NBPL	8	75	32	27	192	0	0	142	480	0	1916	45
SBDL	208	355	205	380	312	48	54	1148	880	102	8636	387
SBPL	12	72	53	114	272	16	0	250	700	16	2857	84
TOTALS	272	648	386	788	1016	64	54	2092	2660	118	17610	776

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



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74736\DRAWING\CAPSheets\0774736-sht-plan.dwg		REVISOR =	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	DT PATCHING 2016-4	MACON	5	5
CONTRACT NO. 74736				
ILLINOIS FED. AID PROJECT				