

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<	D7 PATCHING 2021-2	COLES	9	1
		ILLINOIS	CONTRACT NO. 74A32	

\* FAP 824A & FAP 325

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT (2020) = 9,700 (US 45, ILL 121)  
ADT (2020) = 9,150 (ILL 16)

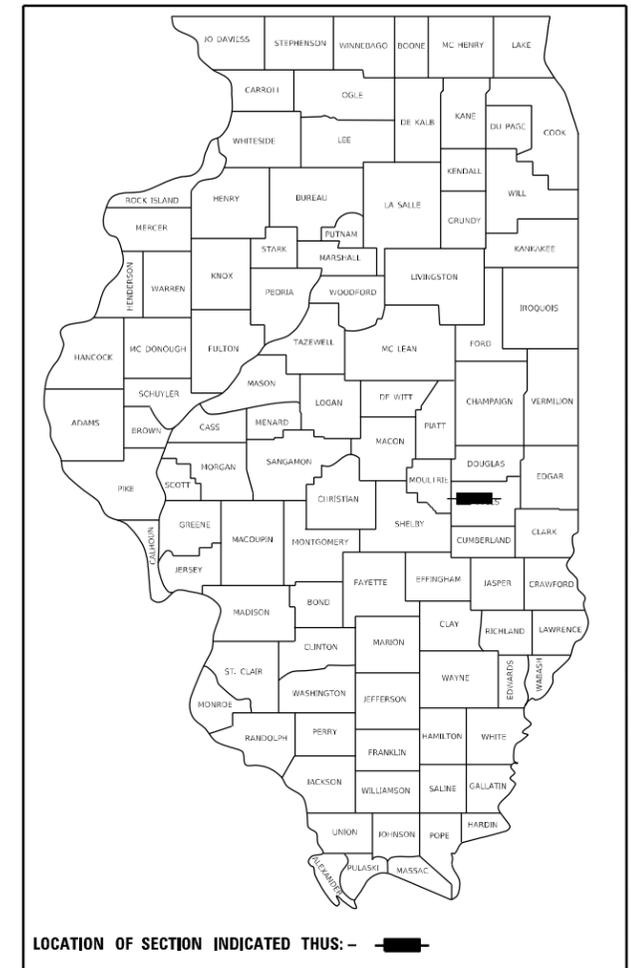
PROPOSED  
HIGHWAY PLANS

FAP ROUTE 824A, 325 (US 45, ILL 121, ILL 16)  
SECTION D7 PATCHING 2021-2

PAVEMENT PATCHING  
COLES COUNTY

C-97-116-21

D-97-063-21



STATION EQUATION:  
26+63 BK= 989+25 AH

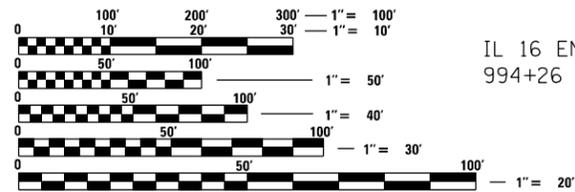
IL 16 START STATION:  
72+30.4

US 45/ ILL 121  
START STATION: 45+01.48

IL 16 END STATION:  
994+26

STATION EQUATION:  
1420+56 BK= 0+00 AH

US 45/ ILL 121  
END STATION: 1415+92

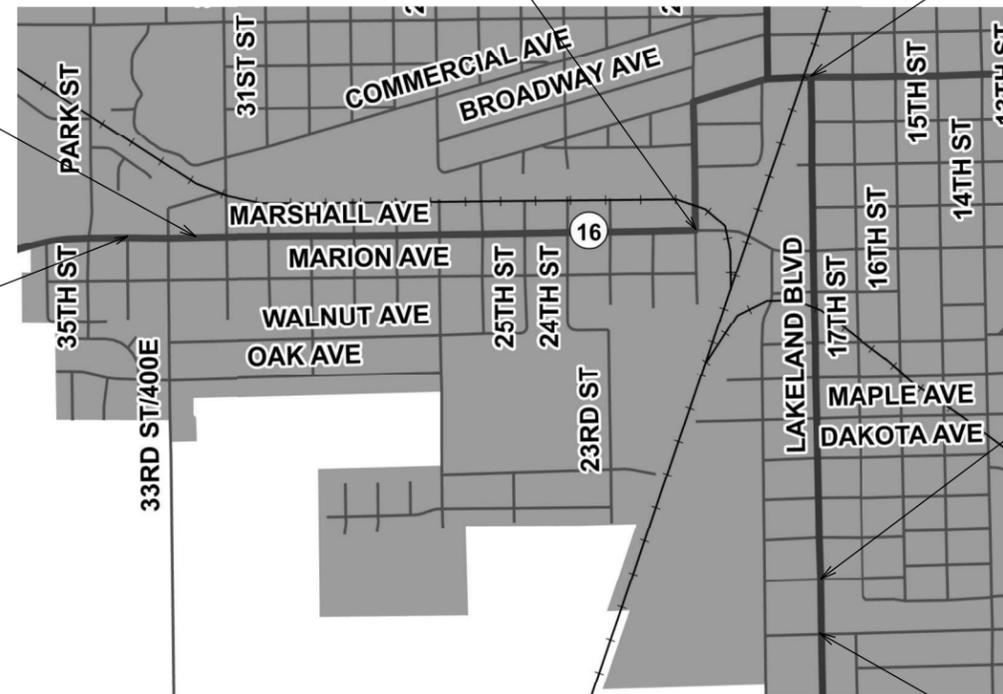


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER DEBRA BARRETT  
PROJECT MANAGER JACQUELYN SEALS

CONTRACT NO. 74A32



GROSS LENGTH = 10,033 FT. = 1.90 MILE  
NET LENGTH = 10,003 FT. = 1.90 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 15, 2020

*John P. Myer*  
REGIONAL ENGINEER

January 29, 2021  
*Scott A. Elk*  
ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021  
*James J. Quinn*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

**GENERAL NOTES**

THIS PROJECT IS LOCATED ON ILL 16 AND US 45/ ILL 121 IN THE CITY OF MATTOON IN COLES COUNTY. THE PROJECT IS LOCATED FROM 34TH ST TO 21ST ST ON ILL 16 & FROM IL 16 TO RUDY AVE ON US 45/ ILL 121. THE WORK INCLUDED IN SECTION D7 PATCHING 2021-2 CONSISTS OF CLASS B PAVEMENT PATCHING, PARTIAL DEPTH PATCHING, MANHOLE ADJUSTMENT, 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.

PARTIAL DEPTH PATCHING LANE WIDTH IN THE DRIVING LANE INCLUDES TO THE FACE OF THE PCC GUTTER. HOT-MIX ASPHALT REMOVAL IN THE PCC GUTTER IS TO BE REMOVED BY METHODS THAT WILL NOT DAMAGE THE PCC GUTTER AND IS INCLUDED IN THE COST OF PARTIAL DEPTH REMOVAL,TYPE I-IV, VARIABLE DEPTH.

THE COST OF RAISED REFLECTIVE PAVEMENT MARKER REMOVAL IS INCLUDED IN THE COST OF PARTIAL DEPTH REMOVAL,TYPE I-IV, VARIABLE DEPTH.

DETECTOR LOOPS REMOVED DUE TO PATCHING WILL BE REPLACED IN KIND AND PAID FOR AS DETECTOR LOOP, TYPE I.

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED WITHIN CITY LIMITS. DENSITY REQUIREMENTS MUST STILL BE MET.

THE MANHOLE WITHIN PATCH 38 ON US 45/ ILL 121, STATION 27+37, WILL BE ADJUSTED TO BETTER MATCH THE HEIGHT OF THE ROADWAY.

**INDEX OF SHEETS**

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3	SUMMARY OF QUANTITIES
4-7	PATCHING SCHEDULES
8-9	DISTRICT 7 DETAIL

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 9:

STD. NO.	DESCRIPTION
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
442101-09	CLASS B PATCHES
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701502-09	URBAN LANE CLOSURE, 2L, 2W, BI-DIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BI-DIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

**MIXTURE REQUIREMENTS**

THE FOLLOWING MIXTURE REQUIREMENTS APPLY TO THIS PROJECT.

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
HMA PARTIAL DEPTH PATCHING (TOP LIFT)	PG 64-22	4.0% @ N=90	IL - 9.5	MIXTURE D	QC/QA
HMA PARTIAL DEPTH PATCHING (BOTTOM LIFT)	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	QC/QA

REV. - MS

\* FAP 824A & FAP 325

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				*	D7 PATCHING 2021-02	COLES	9	2	
PLOT DATE = 12/15/2020	CHECKED -	REVISED +		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 74A32			
	DATE -	REVISED +									

100%  
STATE

100%  
STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0006 URBAN		
44200050	WELDED WIRE REINFORCEMENT	SO YD	141.3	141.3		
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SO YD	104.1	104.1		
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SO YD	42.6	42.6		
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SO YD	26.7	26.7		
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SO YD	355	355		
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SO YD	19.6	19.6		
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SO YD	52.4	52.4		
44201299	DOWEL BARS 1 1/2"	EACH	1100	1100		
44213200	SAW CUTS	FOOT	2765	2765		
44213204	TIE BARS 3/4"	EACH	18	18		
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1		
67100100	MOBILIZATION	L SUM	1	1		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701502					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0006 URBAN		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701602					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701701					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701801					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
88600600	DETECTOR LOOP, TYPE I	FOOT	192	192		
X4406010	PARTIAL DEPTH REMOVAL, TYPE I, VARIABLE DEPTH	SO YD	7.9	7.9		
X4406210	PARTIAL DEPTH REMOVAL, TYPE II, VARIABLE DEPTH	SO YD	347.6	347.6		
X4406410	PARTIAL DEPTH REMOVAL, TYPE III, VARIABLE DEPTH	SO YD	654.5	654.5		
X4406610	PARTIAL DEPTH REMOVAL, TYPE IV, VARIABLE DEPTH	SO YD	1526	1526		
X4421000	PARTIAL DEPTH PATCHING	TON	852	852		

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\* FAP 824A, FAP 325

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	DRAWN -	REVISED -
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PLOT DATE = 12/15/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 PATCHING 2021-2	COLES	9	3
			CONTRACT NO. 74A32	
		ILLINOIS	FED. AID PROJECT	

Adjacent Patch Y or blank	Route	Patch Number	Lane	Station	Length (FT)	Width (FT)	Plan Depth (INCHES)	44201007 B, Type II, 13" (SQ YD)	44201011 B, Type III, 13" (SQ YD)	44201013 B, Type IV, 13" (SQ YD)	44213204 Tie Bars 3/4" (EACH)	44200050 WWR (SQ YD)	44213200 Saw Cuts (FT)	44201299 Dowel Bars 1 1/2" (EA)
	IL 16	1	EB	65+31	6.0	12.0	13.0	8.0					48.0	20
	IL 16	2	EB	64+89	6.0	12.0	13.0	8.0					48.0	20
	IL 16	3	EB	63+48	6.0	12.0	13.0	8.0					48.0	20
	IL 16	4	EB	55+87	8.0	12.0	13.0	10.7					52.0	20
	IL 16	5	EB	54+94	20.0	12.0	13.0			26.7	6	26.7	76.0	20
	IL 16	6	EB	50+57	6.0	12.0	13.0	8.0					48.0	20
	IL 16	7	EB	47+82	8.0	12.0	13.0	10.7					52.0	20
	IL 16	8	EB	46+46	16.0	12.0	13.0		21.3			21.3	68.0	20
	IL 16	9	EB	44+76	6.0	12.0	13.0	8.0					48.0	20
	IL 16	10	EB	39+28	6.0	12.0	13.0	8.0					48.0	20
	IL 16	11	EB	33+89	6.0	12.0	13.0	8.0					48.0	20
	IL 16	12	EB	32+24	8.0	12.0	13.0	10.7					52.0	20
	IL 16	13	EB	990+30	16.0	12.0	13.0		21.3			21.3	68.0	20
	IL 16	14	WB	993+34	6.0	12.0	13.0	8.0					48.0	20
	IL 16	15	WB	53+71	6.0	12.0	13.0	8.0					48.0	20
<b>TOTAL:</b>								104.1	42.6	26.7	6	69.3	800.0	300

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\* FAP 824A, FAP 325

USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CLASS B PATCHING SCHEDULE IL 16</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					*	D7 PATCHING 2021-2	COLES	9	4
PLOT DATE = 12/15/2020	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 74A32				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

Adjacent Patch	Route	Patch Number	Lane	Station	Length (FT)	Width (FT)	Plan Depth (INCHES)	44201031 B, Type II, 15" (SQ YD)	44201035 B, Type III, 15" (SQ YD)	44201037 B, Type IV, 15" (SQ YD)	44213204 Tie Bars 3/4" (EACH)	44200050 WWR (SQ YD)	44213200 Saw Cuts (FT)	44201299 Dowel Bars 1 1/2" (EA)
	US 45/IL 121	16	SBPL	1419+17	20.0	12.0	15.0			26.7	6	26.7	76.0	20
	US 45/IL 121	17	SBPL	1419+40	6.0	12.0	15.0	8.0					48.0	20
Y	US 45/IL 121	18	SBDL	1420+03	6.0	12.0	15.0	8.0					45.0	20
y	US 45/IL 121	19	SBPL	1420+03	6.0	12.0	15.0	8.0					45.0	20
	US 45/IL 121	20	SBDL	2+09	7.0	11.0	15.0	8.6					47.0	20
	US 45/IL 121	21	SBDL	4+16	6.0	11.0	15.0	7.3					45.0	20
Y	US 45/IL 121	22	SBDL	8+53	8.0	11.0	15.0	9.8					45.0	20
Y	US 45/IL 121	23	SBPL	8+53	8.0	11.0	15.0	9.8					45.0	20
	US 45/IL 121	24	SBDL	11+06	9.0	11.0	15.0	11.0					51.0	20
Y	US 45/IL 121	25	SBDL	19+85	12.0	11.0	15.0	14.7					51.0	20
Y	US 45/IL 121	26	SBPL	19+85	12.0	11.0	15.0	14.7					51.0	20
	US 45/IL 121	27	SBDL	41+35	8.0	16.0	15.0	14.2					64.0	20
	US 45/IL 121	28	SBDL	41+56	8.0	16.0	15.0	14.2					64.0	20
Y	US 45/IL 121	29	NBDL	41+35	8.0	11.0	15.0	9.8					45.0	20
Y	US 45/IL 121	30	NBPL	41+35	8.0	11.0	15.0	9.8					45.0	20
	US 45/IL 121	31	NBPL	38+99	8.0	11.0	15.0	9.8					49.0	20
	US 45/IL 121	32	NBPL	35+40	6.0	11.0	15.0	7.3					45.0	20
	US 45/IL 121	33	NBPL	35+13	8.0	11.0	15.0	9.8					49.0	20
Y	US 45/IL 121	34	NBDL	31+70	6.0	11.0	15.0	7.3					42.0	20
Y	US 45/IL 121	35	NBPL	31+70	6.0	11.0	15.0	7.3					42.0	20
Y	US 45/IL 121	36	NBDL	27+77	6.0	11.0	15.0	7.3					42.0	20
Y	US 45/IL 121	37	NBPL	27+77	6.0	11.0	15.0	7.3					42.0	20
	US 45/IL 121	38	NBDL	27+37	16.0	11.0	15.0		19.6			19.6	65.0	20
	US 45/IL 121	39	NBDL	26+64	21.0	11.0	15.0			25.7	6	25.7	75.0	20
Y	US 45/IL 121	40	NBDL	19+85	12.0	11.0	15.0	14.7					51.0	20
Y	US 45/IL 121	41	NBPL	19+85	12.0	11.0	15.0	14.7					51.0	20
Y	US 45/IL 121	42	NBDL	19+20	6.0	11.0	15.0	7.3					42.0	20
Y	US 45/IL 121	43	NBPL	19+20	6.0	11.0	15.0	7.3					42.0	20
Y	US 45/IL 121	44	NBDL	16+82	6.0	11.0	15.0	7.3					42.0	20

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\* FAP 824A, FAP 325

USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CLASS B PATCHING SCHEDULE US 45 /IL 121</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET OF	SHEETS	STA.	TO STA.	COLES	9	5
PLOT DATE = 12/15/2020	CHECKED -	REVISED -		CONTRACT NO. 74A32							
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

Adjacent Patch	Route	Patch Number	Lane	Station	Length (FT)	Width (FT)	Plan Depth (INCHES)	44201031 B, Type II, 15" (SQ YD)	44201035 B, Type III, 15" (SQ YD)	44201037 B, Type IV, 15" (SQ YD)	44213204 Tie Bars 3/4" (EACH)	44200050 WWR (SQ YD)	44213200 Saw Cuts (FT)	44201299 Dowel Bars 1 1/2" (EA)
Y	US 45/IL 121	45	NBPL	16+82	6.0	11.0	15.0	7.3					42.0	20
	US 45/IL 121	46	NBPL	14+57	10.0	11.0	15.0	12.2					53.0	20
	US 45/IL 121	47	NBPL	12+66	6.0	11.0	15.0	7.3					45.0	20
	US 45/IL 121	48	NBPL	10+90	6.0	11.0	15.0	7.3					45.0	20
Y	US 45/IL 121	49	NBDL	8+53	8.0	11.0	15.0	9.8					45.0	20
Y	US 45/IL 121	50	NBPL	8+53	12.0	11.0	15.0	14.7					51.0	20
	US 45/IL 121	51	NBDL	4+40	6.0	11.0	15.0	7.3					45.0	20
	US 45/IL 121	52	NBPL	2+71	8.0	11.0	15.0	9.8					49.0	20
	US 45/IL 121	53	NBPL	1420+06	6.0	12.0	15.0	8.0					48.0	20
	US 45/IL 121	54	NBPL	1419+64	6.0	12.0	15.0	8.0					48.0	20
	US 45/IL 121	55	NBPL	1419+25	6.0	12.0	15.0	8.0					48.0	20
<b>TOTAL:</b>								355.0	19.6	52.4	12.0	72.0	1965.0	800.0

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\* FAP 824A, FAP 325

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CLASS B PATCHING SCHEDULE  
US 45 /IL 121**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 PATCHING 2021-2	COLES	9	6
			CONTRACT NO. 74A32	
		ILLINOIS	FED. AID PROJECT	

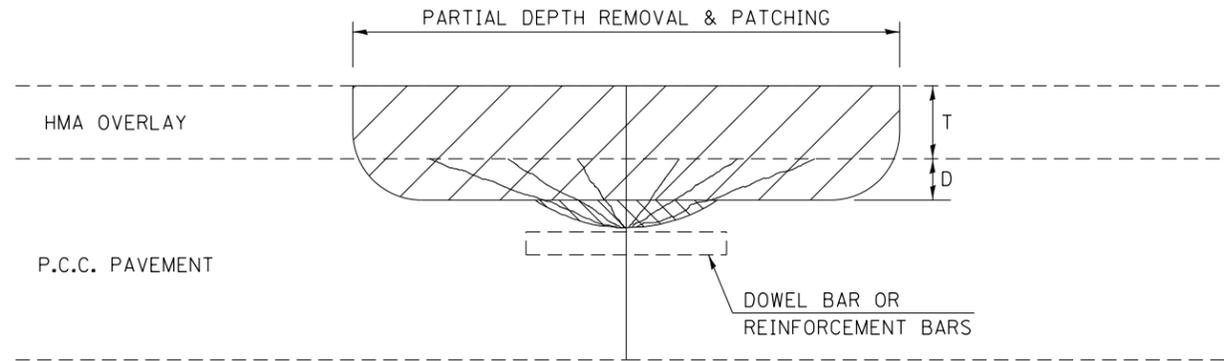
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Route	Patch		Start	End	Length	Width	Average Plan Depth	X4406010 PD Removal Type I	X4406210 PD Removal Type II	X4406410 PD Removal Type III	X4406610 PD Removal Type IV	X4421000 Partial Depth Patching
	Number	Lane	Station	Station	(FT)	(FT)	(INCHES)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)
IL 16	1	EB	71+81	71+39	42.0	13.0	6.0			60.7		20.4
IL 16	2	EB	70+15	70+04	11.0	13.0	6.0		15.9			5.3
IL 16	3	EB	70+04	69+50	54.0	6.5	6.0		39.0			13.1
IL 16	4	EB	69+50	69+14	36.0	13.0	6.0			52.0		17.5
IL 16	5	EB	68+29	61+56	673.0	6.5	6.0				486.1	163.3
IL 16	6	EB	60+38	59+93	45.0	13.0	6.0			65.0		21.8
IL 16	7	EB	59+72	59+63	9.0	13.0	6.0		13.0			4.4
IL 16	8	EB	57+38	57+03	35.0	13.0	6.0			50.6		17.0
IL 16	9	EB	52+49	51+47	102.0	13.0	6.0				147.3	49.5
IL 16	10	EB	49+83	49+74	9.0	13.0	6.0		13.0			4.4
IL 16	11	EB	47+37	46+15	122.0	13.0	6.0				176.2	59.2
IL 16	12	EB	45+12	44+31	81.0	6.5	6.0			58.5		19.7
IL 16	13	EB	43+74	42+59	115.0	6.5	6.0			83.1		27.9
IL 16	14	EB	41+77	39+32	245.0	6.5	6.0				176.9	59.5
IL 16	15	EB	39+00	38+73	27.0	6.5	6.0		19.5			6.6
IL 16	16	EB	37+45	37+32	13.0	13.0	6.0		18.8			6.3
IL 16	17	EB	35+97	35+75	22.0	6.5	6.0		15.9			5.3
IL 16	18	EB	33+00	32+89	11.0	13.0	6.0		15.9			5.3
IL 16	19	EB	32+16	31+91	25.0	13.0	6.0		36.1			12.1
IL 16	20	EB	28+76	28+66	10.0	13.0	6.0		14.4			4.9
IL 16	21	EB	27+82	27+22	60.0	13.0	6.0			86.7		29.1
IL 16	22	EB	989+34	990+24	90.0	13.0	6.0				130.0	43.7
IL 16	23	EB	990+39	990+91	52.0	13.0	6.0			75.1		25.2
IL 16	24	EB	992+18	992+30	12.0	13.0	6.0		17.3			5.8
IL 16	25	EB	992+69	993+47	78.0	13.0	6.0				112.7	37.9
IL 16	26	WB	27+36	27+44	8.0	13.0	6.0		11.6			3.9
IL 16	27	WB	33+68	33+76	8.0	13.0	6.0		11.6			3.9
IL 16	28	WB	35+67	35+78	11.0	6.5	6.0	7.9				2.7
IL 16	29	WB	37+67	37+84	17.0	13.0	6.0		24.6			8.3
IL 16	30	WB	38+98	39+22	24.0	13.0	6.0		34.7			11.6
IL 16	31	WB	42+97	43+06	9.0	13.0	6.0		13.0			4.4
IL 16	32	WB	46+86	47+35	49.0	13.0	6.0			70.8		23.8
IL 16	33	WB	57+35	57+50	15.0	13.0	6.0		21.7			7.3
IL 16	34	WB	57+93	58+29	36.0	13.0	6.0			52.0		17.5
IL 16	35	WB	64+96	65+04	8.0	13.0	6.0		11.6			3.9
IL 16	36	WB	69+26	68+54	72.0	13.0	6.0				104.0	34.9
IL 16	37	WB	68+54	71+21	267.0	6.5	6.0				192.8	64.8
TOTAL:								7.9	347.6	654.5	1526.0	852.0

\* FAP 824A, FAP 325

USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PARTIAL DEPTH PATCHING SCHEDULE IL 16</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						*	D7 PATCHING 2021-2	COLES	9	7
PLOT DATE = 12/15/2020	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 74A32	
	DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

RESURFACED PCC PAVEMENT



 +  = PARTIAL DEPTH REMOVAL

MILL MACHINE  
AND/OR WHEEL  
SAW REMOVAL

AIR EQUIPMENT  
OR MECHANICAL  
SWEEPER REMOVAL  
OF LOOSE AND/OR  
UN SOUND CONCRETE

GENERAL NOTES

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

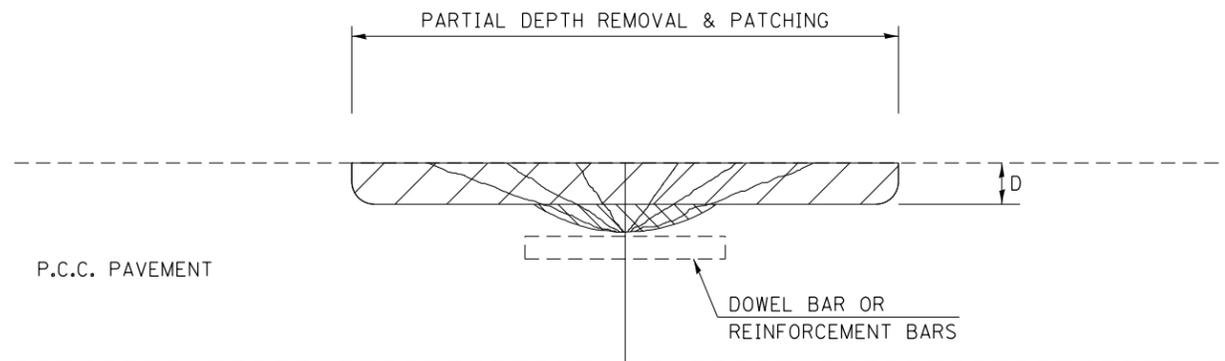
SEE GENERAL NOTES FOR MIXTURE REQUIREMENTS.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT.  
( 3" ( 75 mm ) ± OR TO SOUND CONCRETE )

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

BARE PCC PAVEMENT



NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED - 11/06
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74A32\DRAWING\CADsheets\D774A32-dist-details.dwg		DRAWN -	REVISED -
	PLOT SCALE = 1200.0000 "/ in.	CHECKED -	REVISED -
	PLOT DATE = 12/15/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

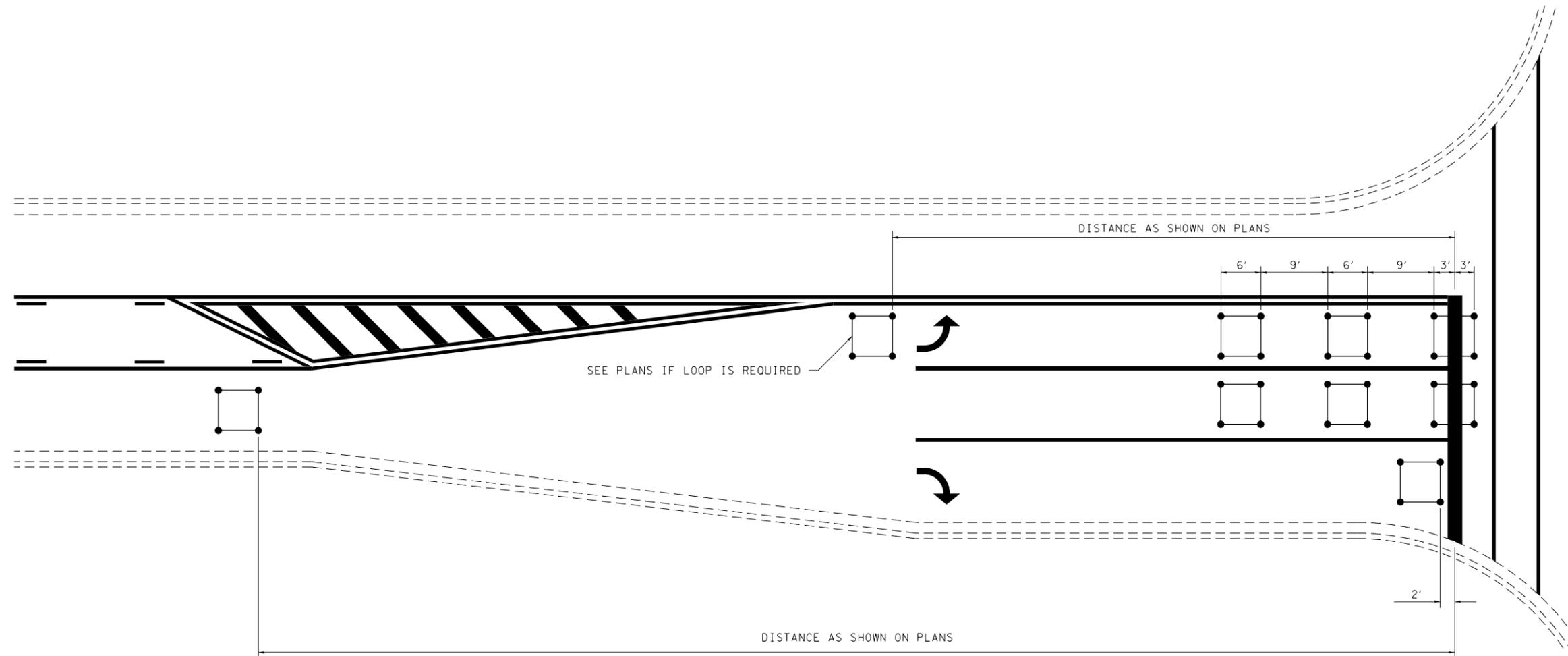
PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

SCALE: SHEET NO. OF SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. X4421000				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 PATCHING 2021-2	COLES	9	8
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74A32	

\* FAP 824A, FAP 325

# TYPICAL APPLICATION OF DETECTOR LOOPS



**NOTE:**

1. EACH LOOP SHALL HAVE ITS OWN HOMERUN TO THE GULFBOX/HANDHOLE.
2. LOOPS SHOULD BE CENTERED IN EACH LANE.
3. USE 6' BY 6' LOOPS FOR LANE WIDTHS OF 11' OR GREATER.
4. USE 5' BY 5' LOOPS IF LANE WIDTH IS LESS THAN 11'.

NOT TO SCALE

**DISTRICT 7 DETAIL NO. 88600100**

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED - MKS 4-08
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74A32\DRAWING\CADsheets\D774A32-dist-detail.dwg		CHECKED -	REVISED -
	PLOT SCALE = 1200.0000 "/ in.	DATE -	REVISED -
	PLOT DATE = 12/15/2020		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS OF DETECTOR LOOPS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 PATCHING 2021-2	COLES	9	9
<b>CONTRACT NO. 74A32</b>				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* FAP 824A, FAP 325