

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

THIS PROJECT IS LOCATED ON US 45 SOUTH BANKER STREET FROM FAYETTE AVENUE TO JAYCEE AVENUE IN THE CITY OF EFFINGHAM IN EFFINGHAM COUNTY. THE WORK INCLUDED IN SECTION D7 PATCHING 2025-3 CONSISTS OF CLASS B PAVEMENT PATCHING, PARTIAL DEPTH PAVEMENT PATCHING, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

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

DETECTOR LOOPS DAMAGED DUE TO PATCHING WILL BE REPLACED IN KIND AND PAID FOR AS DETECTOR LOOP REPLACEMENT.

Partial Depth Pavement Patching Schedule						
Location	Station	Length	Width	Area	Partial Depth Patching	Part. Depth Removal, Type II, 2"
		FEET	FEET	SQ YD	TON	SQ YD
SBDL	91+00	6.0	12.0	8.0	0.88	8.0
SBPL	91+00	6.0	12.0	8.0	0.88	8.0
CTL	91+00	6.0	12.0	8.0	0.88	8.0
NBPL	91+00	6.0	12.0	8.0	0.88	8.0
NBDL	91+00	6.0	12.0	8.0	0.88	8.0
SBDL	42+45	6.0	12.0	8.0	0.88	8.0
SBPL	42+45	6.0	12.0	8.0	0.88	8.0
CTL	42+45	6.0	12.0	8.0	0.88	8.0
NBPL	42+45	6.0	12.0	8.0	0.88	8.0
NBDL	42+45	6.0	12.0	8.0	0.88	8.0
SBDL	56+45	6.0	12.0	8.0	0.88	8.0
SBPL	56+45	6.0	12.0	8.0	0.88	8.0
CTL	56+45	6.0	12.0	8.0	0.88	8.0
NBPL	56+45	6.0	12.0	8.0	0.88	8.0
NBDL	56+45	6.0	12.0	8.0	0.88	8.0
SBDL	70+10	6.0	12.0	8.0	0.88	8.0
SBPL	70+10	6.0	12.0	8.0	0.88	8.0
CTL	70+10	6.0	12.0	8.0	0.88	8.0
NBPL	70+10	6.0	12.0	8.0	0.88	8.0
NBDL	70+10	6.0	12.0	8.0	0.88	8.0
SBDL	83+20	6.0	12.0	8.0	0.88	8.0
SBPL	83+20	6.0	12.0	8.0	0.88	8.0
CTL	83+20	6.0	12.0	8.0	0.88	8.0
NBPL	83+20	6.0	12.0	8.0	0.88	8.0
NBDL	83+20	6.0	12.0	8.0	0.88	8.0
			TOTAL:	200.0	22	200.0
Final layout determined by Engineer in the field						

INDEX OF SHEETS

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

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
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	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
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BI-DIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
886001-01	DETECTOR LOOP INSTALLATIONS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:									
LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
PARTIAL DEPTH PATCHING	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90	S&S PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	QCQA	3000	N/A

US 45/South Banker Class B Patching Schedule							
	Type 2 (SQ YD)	Type 3 (SQ YD)	Type 4 (SQ YD)	Tie Bars (EA)	Wd. Wire (SQ YD)	Saw Cut (FT)	Dowels (EA)
TOTAL:	1746.3	73.3	26.7	23.0	100.0	10870.0	4320.0

REV - MS

MODEL: General Index Schedules (Sheet)
FILE NAME: c:\pwworking\hillsdale\1013112\General Notes and Index.dgn

	USER NAME = Reid,Doll	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, LIST OF STANDARDS, & PAVING SCHEDULES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -							D7 PATCHING 2025-3	EFFINGHAM	4	2	
		CHECKED -	REVISED -						CONTRACT NO. 74D28					
	PLOT DATE = 2/4/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

MODEL: SQQ [Sheet]
FILE NAME: c:\pw_workspace\illinois\id1013112\SQQ.dgn

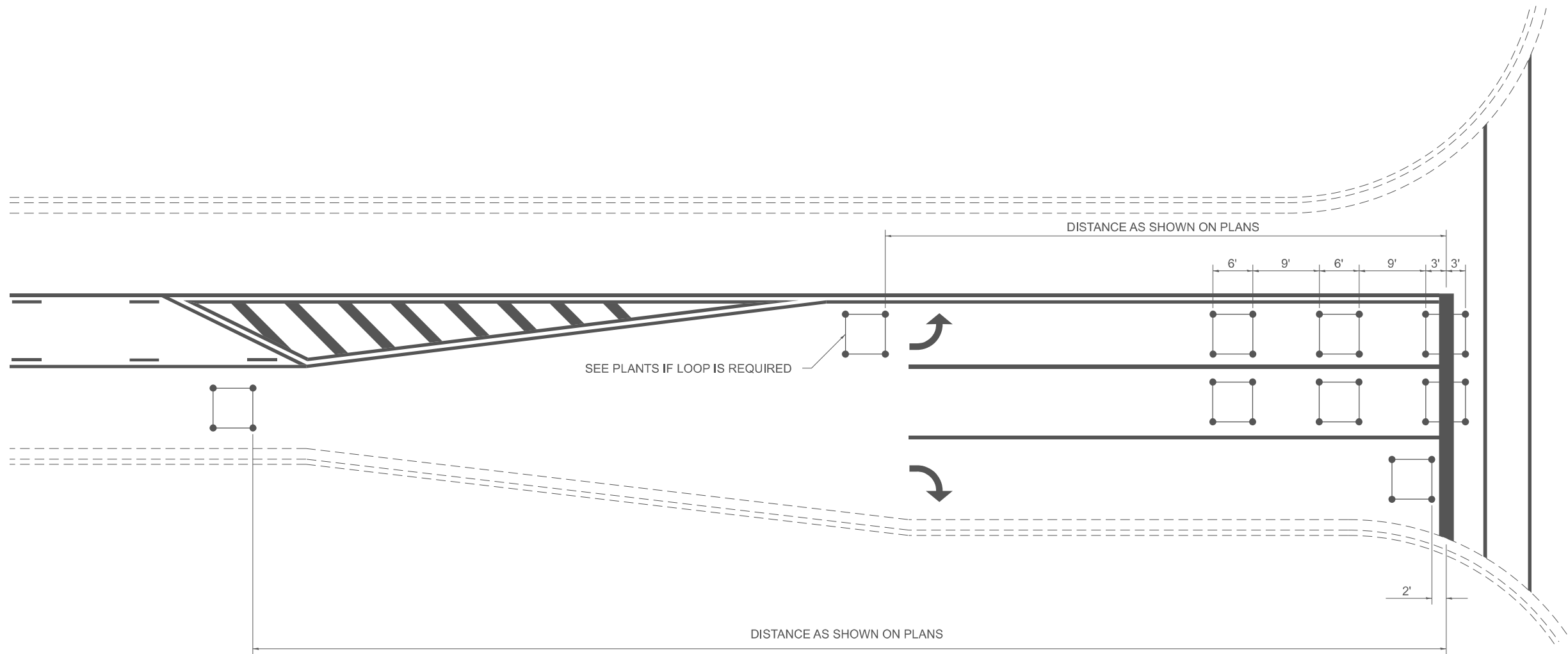
				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0006
44200050	WELDED WIRE REINFORCEMENT	SQ YD	100	100
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	1746	1746
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	73	73
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	27	27
44201299	DOWEL BARS 1 1/2"	EACH	4320	4320
44213200	SAW CUTS	FOOT	10870	10870
44213202	TIE BARS 1"	EACH	23	23
67100100	MOBILIZATION	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
X4406220	PARTIAL DEPTH REMOVAL, TYPE II, 2"	SQ YD	200	200
X4421000	PARTIAL DEPTH PATCHING	TON	22	22
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1503	1503

* SPECIALTY ITEM

REV - MS

	USER NAME = Reid,Doll	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						D7 PATCHING 2025-3	EFFINGHAM	4	3
		CHECKED -	REVISED -					CONTRACT NO. 74D28				
	PLOT DATE = 2/4/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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

	USER NAME = Reid.Doll	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP DETAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						D7 PATCHING 2025-3	EFFINGHAM	4	4
		CHECKED -	REVISED -					CONTRACT NO. 74D28				
	PLOT DATE = 1/23/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Detector Loop (Sheet)
FILE NAME: c:\p\work\p\wid\hillead\1013112\DETECTOR LOOP.dgn