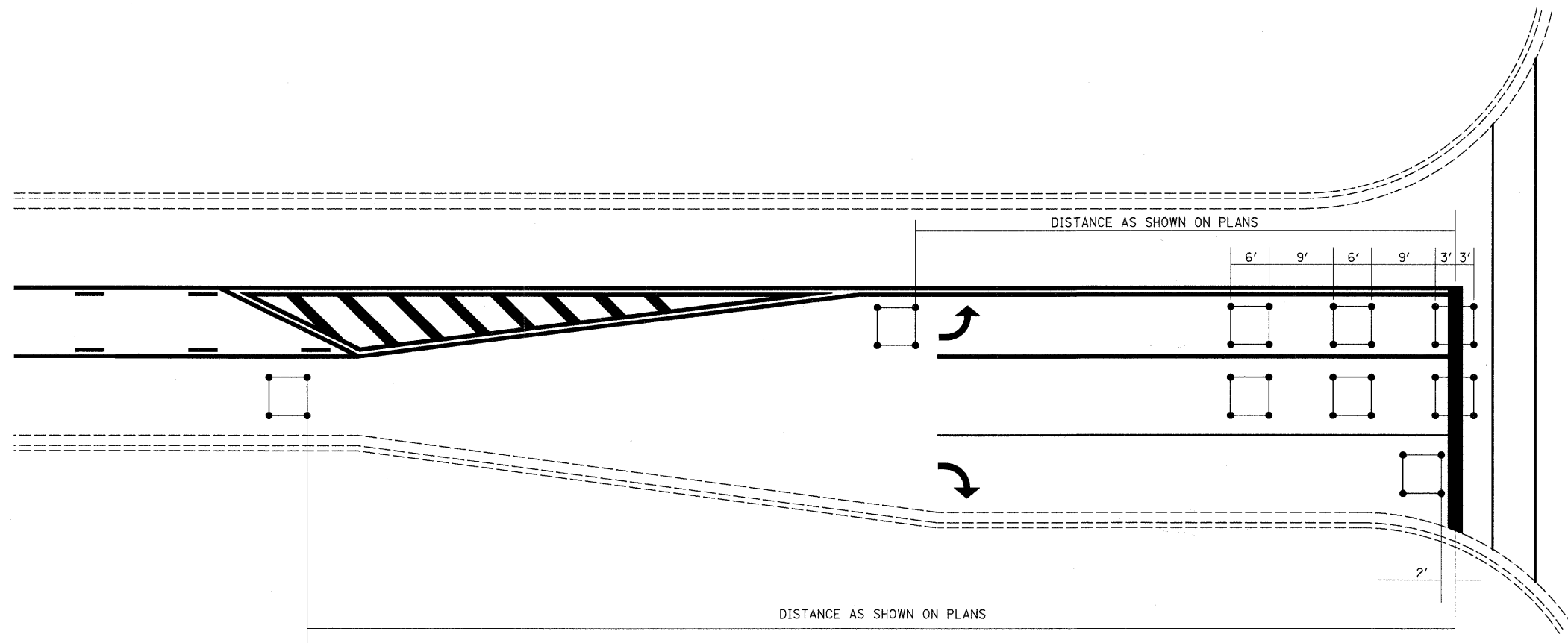


TYPICAL APPLICATION OF DETECTOR LOOPS



NUMBER OF TURNS REQUIRED IN DETECTOR LOOPS														
5 X 5		6 X 6		6 X 15		6 X 30		6 X 35		6 X 40		6 X 50		LOOP SIZE
FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	
0	681	0	545	0	545	0	491	0	559	0	627	0	764	2 TURNS
682	954	819	1145	956	1432	492	982	560	1118	628	1255	765	1527	3 TURNS
955	1272	1146	1433	1433	2005	955	1636	1119	1864	1256	2091	1528	2545	4 TURNS
1273	1636	1528	1964	1527	2673	1637	2455	1865	2795	2092	3136	2546	3818	5 TURNS
1637	2045	1965	2455	2006	3436	2456	3436	2796	3914					6 TURNS
2046	2499	2456	3000	2674										7 TURNS
														8 TURNS
														9 TURNS
														10 TURNS

THE NUMBERS IN THE TABLE REPRESENT THE DISTANCE FROM THE CABINET TO THE DETECTOR LOOP IN FEET

NOTES:

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

FILE NAME = c:\projects\74288d\shplan_74288.dgn	USER NAME = mcollella	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATION OF DETECTOR LOOPS	F.A.P. RTE. 323	SECTION (58-62)TS	COUNTY MACON	TOTAL SHEETS 17	SHEET NO. 15		
	PLOT SCALE = 20.0000' / IN.	DRAWN - DRM	REVISED -									
	PLOT DATE = 10/26/2007	CHECKED -	REVISED -									
		DATE - 12-06	REVISED -									
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
						CONTRACT NO. 74288						