



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

19th & Western Ave./Broadway Ave.

LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A2,A3, B1,B2,B3, C1,C2,C3, D1,D2,D3	6' X 6'	NORMAL	NO	0
A4,A5,B4,B5, C4,C5,D4,D5	6' X 6'	EXTENDED	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:
(A1, A2, A3), (A4), (A5),
(B1, B2, B3), (B4), (B5),
(C1, C2, C3), (C4), (C5),
(D1, D2, D3), (D4), (D5)
12 AMPLIFIERS PLUS 2 ADDITIONAL
TOTAL 14 AMPLIFIERS

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
ca:\pw\work\pwidot\swartzrw\d0240046\077	259-shi-det-loops.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP LAYOUT		
19th ST & WESTERN AVE /BROADWAY AVE		
SCALE: 20	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(8,9,10)RS-2, (192)RS-2	COLES	24	18
CONTRACT NO. 74259				
[ILLINOIS] FED. AID PROJECT				