

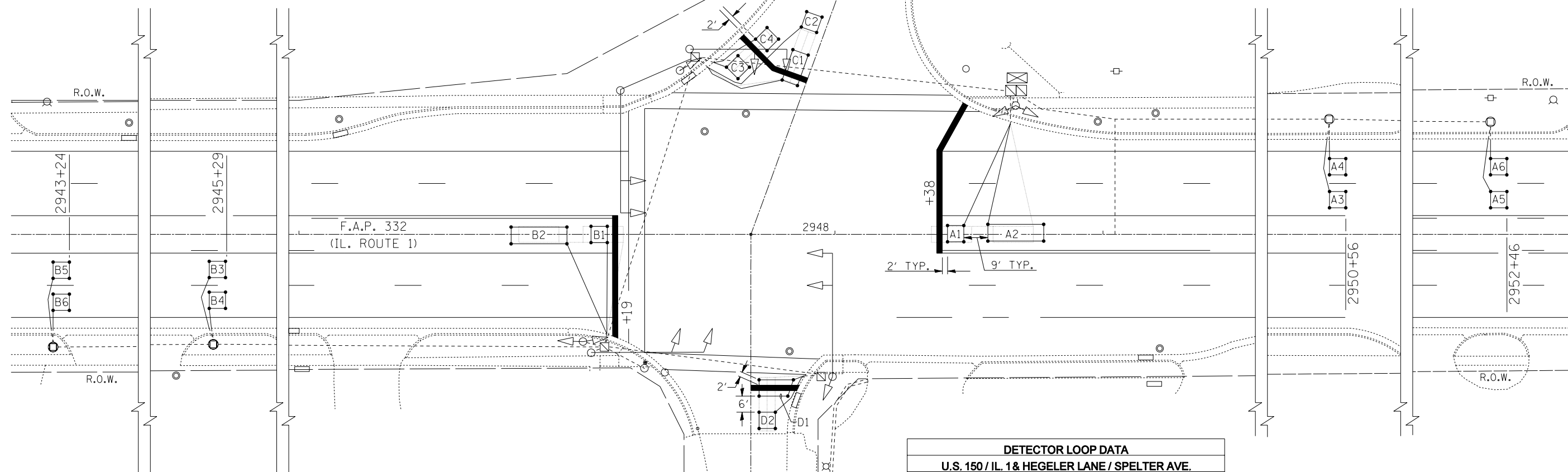


DETECTOR LOOPS

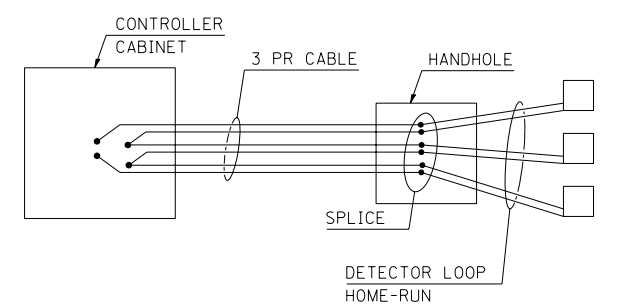
F.A.P. 332 (IL. ROUTE 1)
&
HEGELER LANE/SPELTER AVENUE

DETECTOR LOOP, TYPE 1

897 FT.



DETAIL OF DETECTOR LOOP WIRING
WIRED IN SERIES WITH MULTI-PAIR CABLE



DETECTOR LOOP DATA				
U.S. 150 / IL. 1 & HEGELER LANE / SPELTER AVE.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1	6	6	3	
A2	20	6	3	
A3-4	6	6	4	
A5-6	6	6	5	
B1	6	6	5	
B2	20	6	3	
B3-4	6	6	6	
B5-6	6	6	6	
C1	12	6	4	
C2	6	6	4	
C3-4 *	6	6	4	10
D1	6	12	4	10
D2	6	6	5	10

* LOOPS C3 & C4 SHALL BE WIRED IN SERIES AT THE HANDHOLE (ONLY 3 EXISTING PAIRS FOR THIS APPROACH). ALL OTHER LOOPS SHALL BE WIRED PER DETAIL.

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1, A2), (A3, A4), (A5, A6), (B1, B2), (B3, B4), (B5, B6), (C1, C2), (C3, C4), (D1, D2)

NOTE: LOOPS GROUPED BY LANE SHALL BE SPACED AT 9' - 0"

FILE NAME =	USER NAME = leroyma	DESIGNED -	REVISED -
ce:\pw\work\PWIDOT\LEROYMA\d0144976\d9505300.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/29/2010		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOPS
F.A.P. 332 (IL ROUTE 1) & HEGELER LANE/SPELTER AVENUE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47RS-9	VERMILION	25	16
CONTRACT NO. 70123				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.