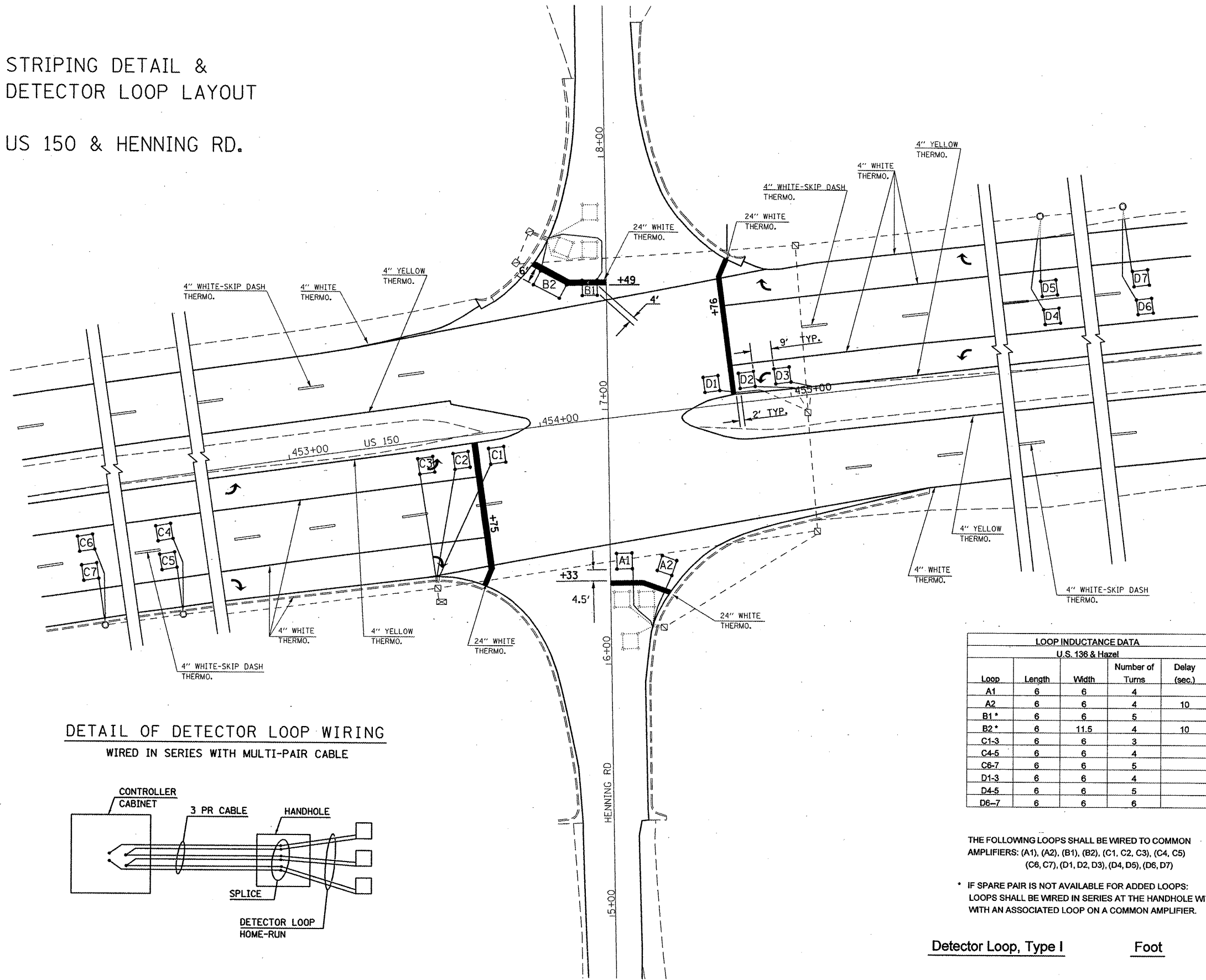
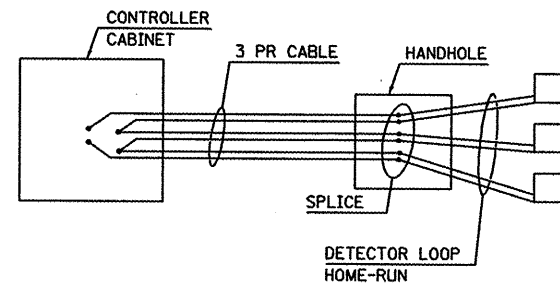


STRIPING DETAIL &  
DETECTOR LOOP LAYOUT

US 150 & HENNING RD.



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



LOOP INDUCTANCE DATA				
U.S. 136 & Hazel				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1	6	6	4	
A2	6	6	4	10
B1*	6	6	5	
B2*	6	11.5	4	10
C1-3	6	6	3	
C4-5	6	6	4	
C6-7	6	6	5	
D1-3	6	6	4	
D4-5	6	6	5	
D6-7	6	6	6	

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1), (A2), (B1), (B2), (C1, C2, C3), (C4, C5) (C6, C7), (D1, D2, D3), (D4, D5), (D6, D7)

\* IF SPARE PAIR IS NOT AVAILABLE FOR ADDED LOOPS: LOOPS SHALL BE WIRED IN SERIES AT THE HANDHOLE WITH AN ASSOCIATED LOOP ON A COMMON AMPLIFIER.

Detector Loop, Type I

Foot

919.0

FILE NAME =	USER NAME = biggsrd	DESIGNED - RLA	REVISED -
ct:\pwork\PIWIDOT\BIGGSRD\0132727\0578315-ghr-plan.dgn		DRAWN - RLA	REVISED -
PLOT SCALE = 40,0000' / IN.		CHECKED - JMS	REVISED -
PLOT DATE = 12/17/2009		DATE - 7/7/2009	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STRIPING DETAIL & DETECTOR LOOP LAYOUT  
US 150 & HENNING RD.  
SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

*FAU 7052 / FAP 729				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(36X,36X-1,34Z-3)RS-1	VERMILION	58	52
CONTRACT NO. 70315			ILLINOIS FED. AID PROJECT	