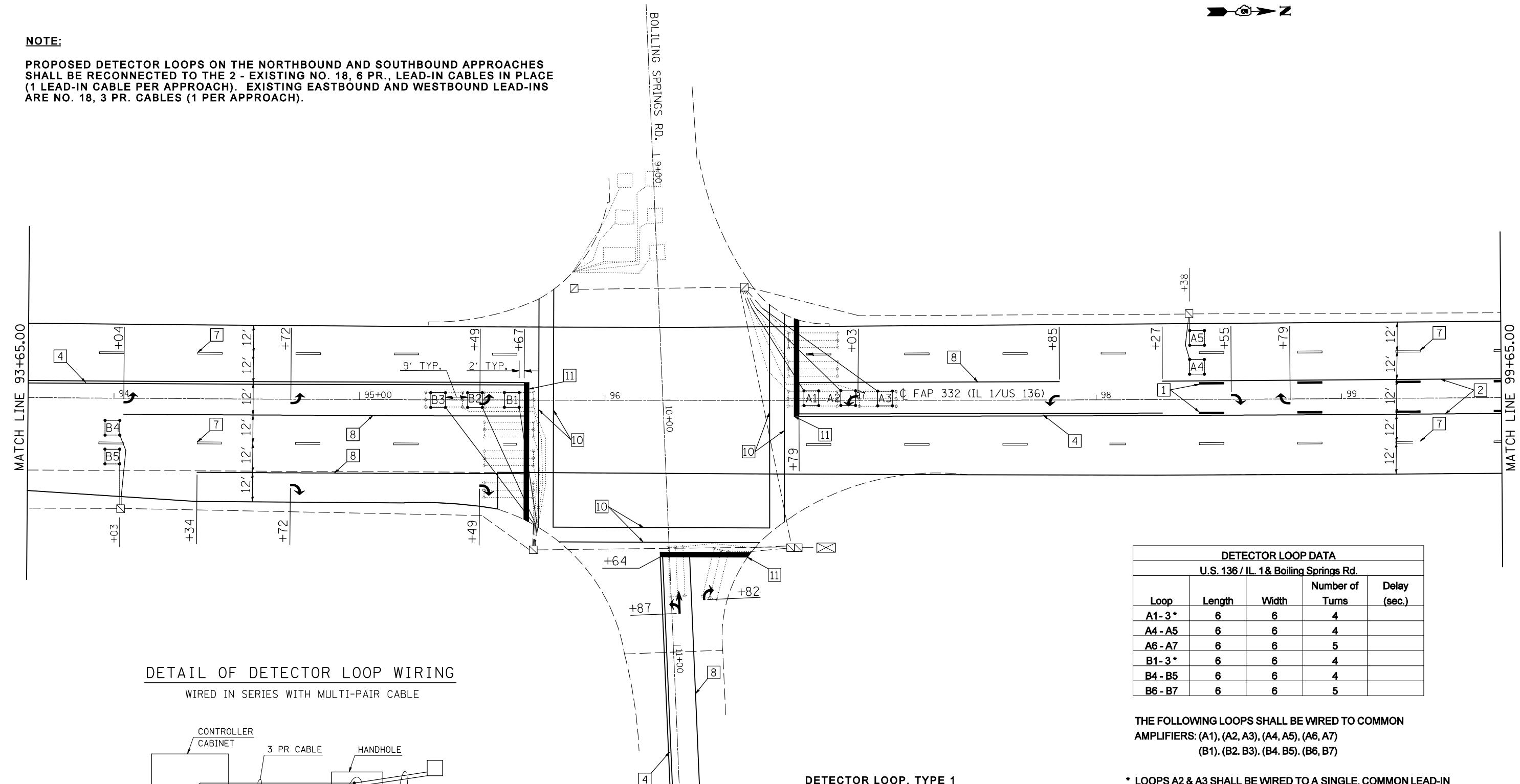


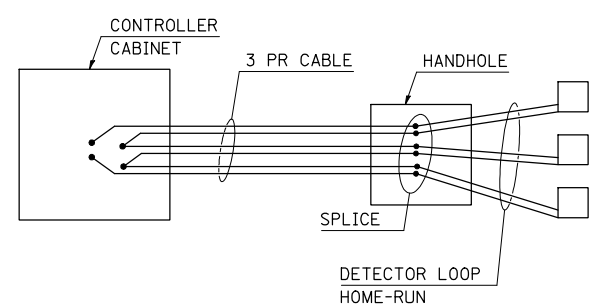


NOTE:

PROPOSED DETECTOR LOOPS ON THE NORTHBOUND AND SOUTHBOUND APPROACHES SHALL BE RECONNECTED TO THE 2 - EXISTING NO. 18, 6 PR., LEAD-IN CABLES IN PLACE (1 LEAD-IN CABLE PER APPROACH). EXISTING EASTBOUND AND WESTBOUND LEAD-INS ARE NO. 18, 3 PR. CABLES (1 PER APPROACH).



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



DETECTOR LOOP, TYPE 1
IL. 1 & BOILING SPRINGS RD. 753 FT.

DETECTOR LOOP DATA				
U.S. 136 / IL. 1 & Boiling Springs Rd.				
Loop	Length	Width	Number of Turns	Delay (sec.)
A1-3*	6	6	4	
A4-A5	6	6	4	
A6-A7	6	6	5	
B1-3*	6	6	4	
B4-B5	6	6	4	
B6-B7	6	6	5	

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1), (A2, A3), (A4, A5), (A6, A7) (B1), (B2, B3), (B4, B5), (B6, B7)

* LOOPS A2 & A3 SHALL BE WIRED TO A SINGLE, COMMON LEAD-IN PAIR DUE TO THE NUMBER OF AVAILABLE LEAD-IN PAIRS AT THE HANDHOLE. LOOPS B2 & B3 SHALL BE WIRED WITH THE SAME METHOD AT THE RESPECTIVE HANDHOLE.

FILE NAME =	USER NAME = bowerm1	DESIGNED -	REVISED -
et\pwork\pwidot\BOWERML\d0145216\d570124-sht-pmk.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & DETECTOR LOOP DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	VERMILION	86	71
* (48-X1)RS&(48-X2,RX,RX-1)RS-1			CONTRACT NO. 70124	
ILLINOIS FED. AID PROJECT				