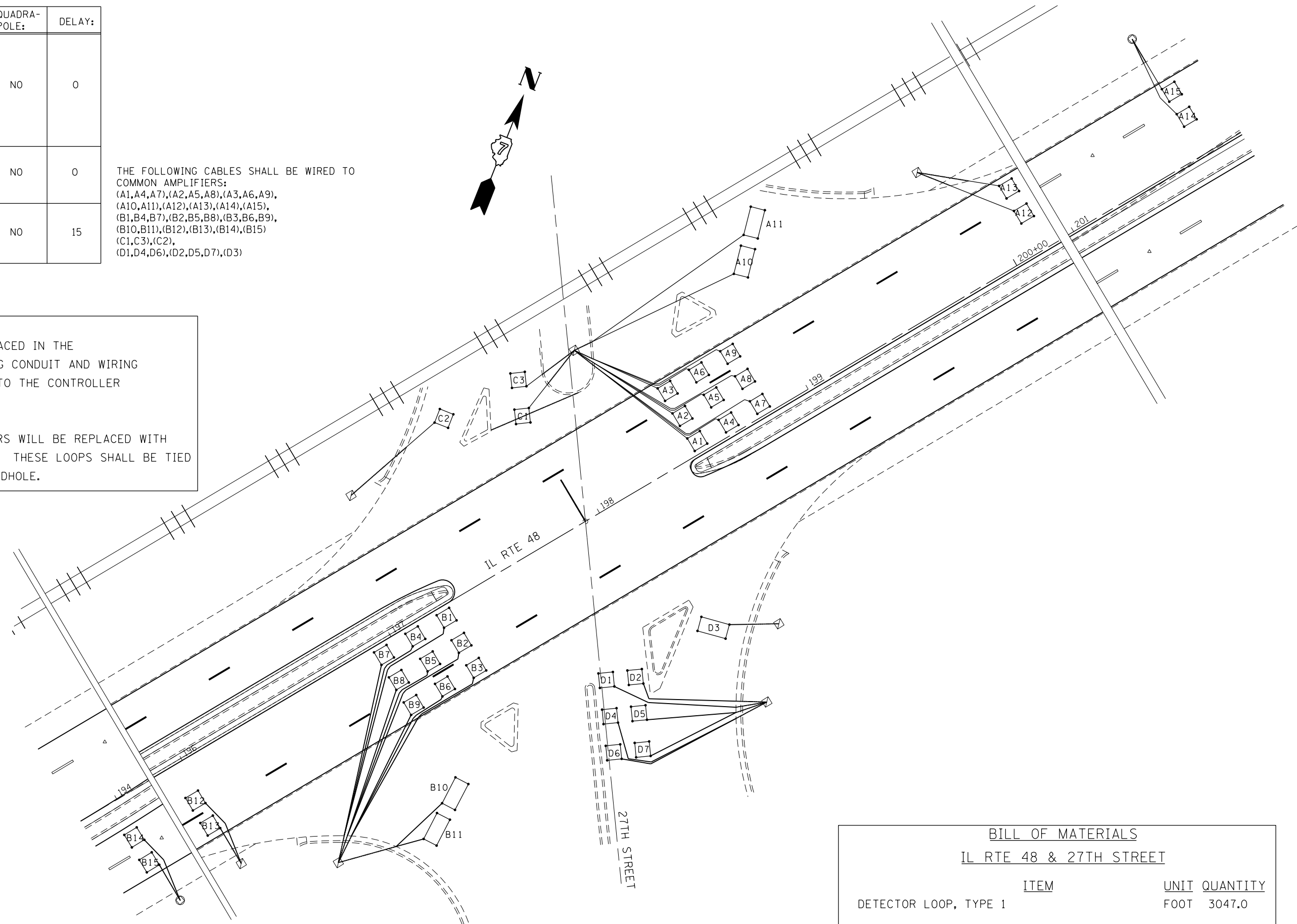


LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A4,A7, A2,A5,A8, A3,A6,A9, B1,B4,B7, B2,B5,B8, B3,B6,B9, C1,C2, D1,D4,D6, D2,D5,D7	6' X 6'	NORMAL	NO	0
A12,A13, A14,A15, B12,B13, B14,B15	6' X 6'	EXTENDED	NO	0
A10,A11, B10,B11, C2, D3	6' X 12'	DELAY	NO	15

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON AMPLIFIERS:  
 (A1,A4,A7),(A2,A5,A8),(A3,A6,A9),  
 (A10,A11),(A12),(A13),(A14),(A15),  
 (B1,B4,B7),(B2,B5,B8),(B3,B6,B9),  
 (B10,B11),(B12),(B13),(B14),(B15)  
 (C1,C3),(C2),  
 (D1,D4,D6),(D2,D5,D7),(D3)

NOTE:  
 DETECTOR LOOPS ARE TO BE REPLACED IN THE EXISTING LOCATIONS. EXISTING CONDUIT AND WIRING FROM THE GULFBOX/HANDHOLE TO THE CONTROLLER WILL BE UTILIZED.  
  
 ALL LOOPS NEAR THE STOP BARS WILL BE REPLACED WITH THE 3 LOOP DESIGN AS SHOWN. THESE LOOPS SHALL BE TIED TOGETHER IN THE GULFBOX/HANDHOLE.



BILL OF MATERIALS		
IL RTE 48 & 27TH STREET		
ITEM	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	3047.0

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pwwork\pwwork\steflenmk\d0271850\074537-sh1-ts.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 48 & 27TH ST  
 DETECTOR LOOP LAYOUT

SCALE: 20 SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 712, F.A.U. RTE. 7464

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
58-64-IRS	126RS-2	Macon	69	66
CONTRACT NO. 74537			ILLINOIS FED. AID PROJECT	