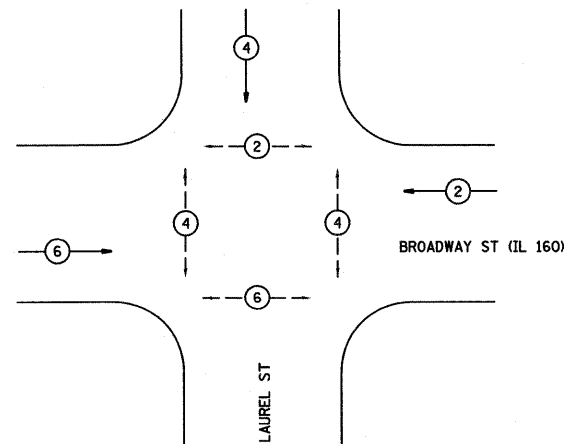


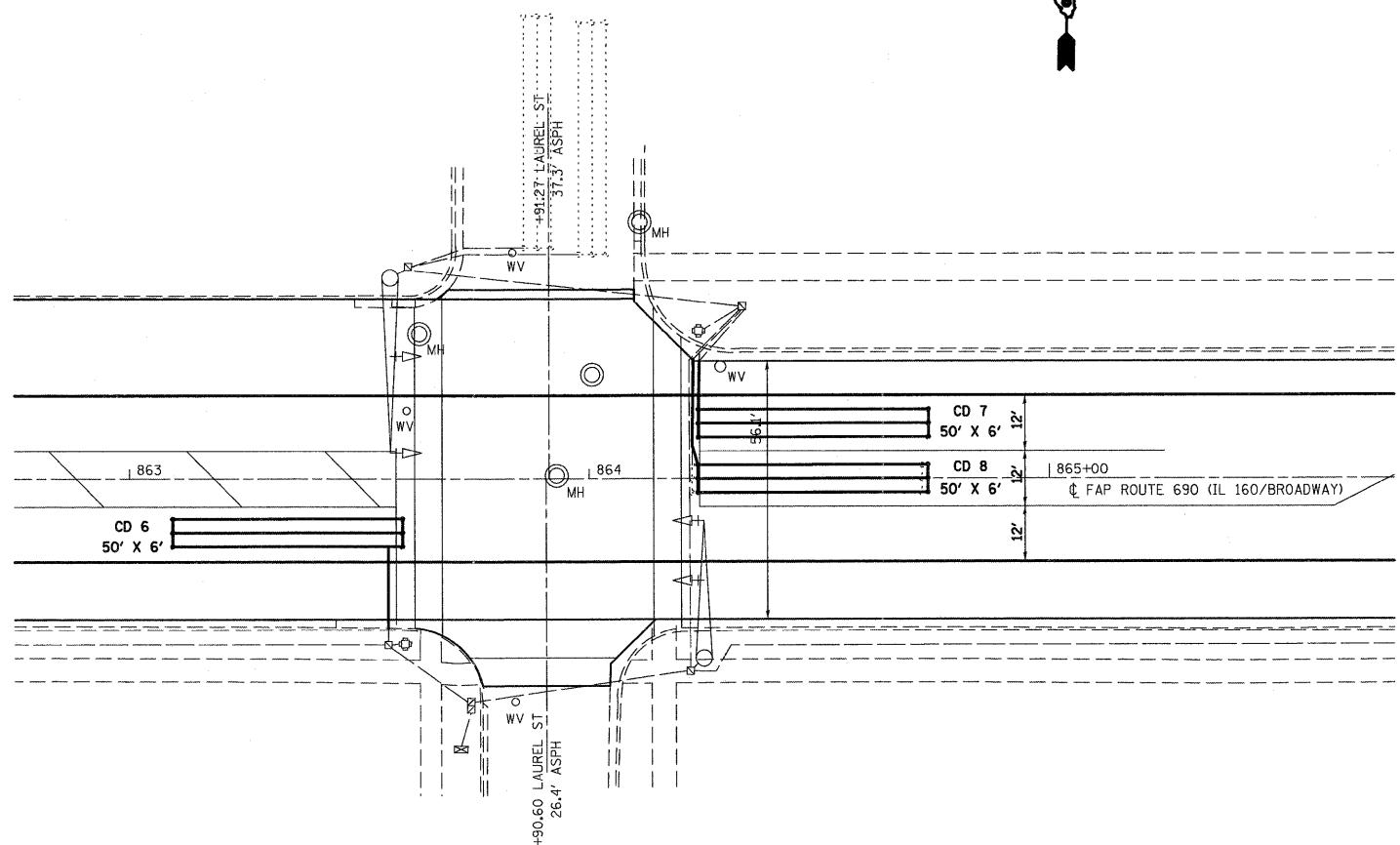
CABLE DIAGRAM

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- PROPOSED CABLE SPLICE (SEE GENERAL NOTES)
- 2/C ELECTRIC CABLE IN CONDUIT, NO. 14 2/C
- 5/C ELECTRIC CABLE IN CONDUIT, NO. 14 5/C
- 7/C ELECTRIC CABLE IN CONDUIT, NO. 14 7/C
- 2/C #6 AWG ELECTRIC CABLE IN CONDUIT, NO. 6 2/C (SERVICE)
- ID IN ELECTRIC CABLE LEAD-IN, 1 PAIR
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- *6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



PHASE DESIGNATION DIAGRAM



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS						
NO.	LOOP	PHASE	LOOP SIZE FT	REQ'D NO OF TURNS	CALCULATED INDUCTANCE (μH)	CALCULATED RESISTANCE (OHMS)
6	EB THRU CD	6	50 X 6	3-6-3	802.72	3.56
7	WB THRU CD	2	50 X 6	3-6-3	829.32	4.16
8	WB LT CD	2	50 X 6	3-6-3	832.20	4.23

