



**GENERAL NOTES**

1 — CONTRACTOR SHALL PROVIDE A LINE OF SIGHT ANALYSIS (LOS), USING A BUCKET TRUCK, TO DETERMINE THE MOST OPTIMUM LOCATION OF EACH ANTENNA. CONTRACTOR SHALL INFORM THE ENGINEER IF ADDITIONAL RADIO LOCATIONS ARE REQUIRED TO PROVIDE A FULLY FUNCTIONAL COMMUNICATION SYSTEM.

**CONSTRUCTION NOTES**

- 1 — INSTALL PANEL ANTENNA WITH ENCOM 2.4 GHz EP COMMPAKBB2.4-INT RADIO ON SIGNAL POLE. EXACT PLACEMENT OF ANTENNA SHALL BE DETERMINED BY THE RADIO MANUFACTURER'S REPRESENTATIVE IN THE FIELD. RUN CAT-5E CCABLE IN EXISTING CONDUIT TO CONTROLLER CABINET.
- 2 — INSTALL MCCAIN SERIAL TERMINAL SERVER AND RADIO POWER SUPPLY WITH LIGHTNING AND SURGE PROTECTION.
- 3 — INSTALL DUAL EP COMMPAKBB2.4-INT RADIO WITH (2)-2S DBI 2.4 GHz PANEL ANTENNA ON SIGNAL POLE. EXACT PLACEMENT OF ANTENNA SHALL BE DETERMINED BY THE RADIO MANUFACTURER'S REPRESENTATIVE IN THE FIELD. RUN CAT-5E CCABLE IN EXISTING CONDUIT TO CONTROLLER CABINET.

**ENGINEER IN RESPONSIBLE CHARGE**

GILBERT M. HERNANDEZ  
 R.C.E. No. 69170 expires 6-30-08  
 DATE May 29, 07



MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS**

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER			
ENGINEERING MANAGER		6/20/07	CITY ENGINEER
TRAFFIC DIVISION		5/14/07	

DATE 4/22/07

**TRAFFIC SIGNAL INTERCONNECT**

**PIERCE STREET  
 MAGNOLIA AVENUE TO  
 RIVERWALK PARKWAY**

SCALE: 1" = 40'

ACCT. NO. X-062

SHEET 1 OF 1

FILE NAME: X062.DWG