

GENERAL NOTES

Existing utilities and their locations, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from record drawings or company provided field locations. The plan locations shown are not guaranteed. Additional existing utilities may also be encountered. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

The Contractor shall notify Westar Energy to coordinate enclosure service connection, meter installation, joint use street light installation and all other activities to complete the traffic signal installation. Fees associated with this work shall be the responsibility of the Contractor. Joint use street lights to be served overhead by Westar Energy.

Existing traffic equipment salvaged and not reused shall be delivered to the City Yard at 1801 McLean Blvd.

The Contractor shall furnish and install all equipment and materials necessary for complete operation of each Traffic Signal system whether specifically mentioned or not.

Existing Service Box to Remain

Sta. 609+21.50, 28.25' Lt.
Remove Exist. Traffic Signal Pedestal
Install Traffic Signal Pedestal
See Sh. No. R47

Sta. 609+68, 37' Lt. Install
Traffic Signal Pole (J.U.) w/24' Mast Arm
Top Base Elev.= 1296.52
See Sh. No. R47

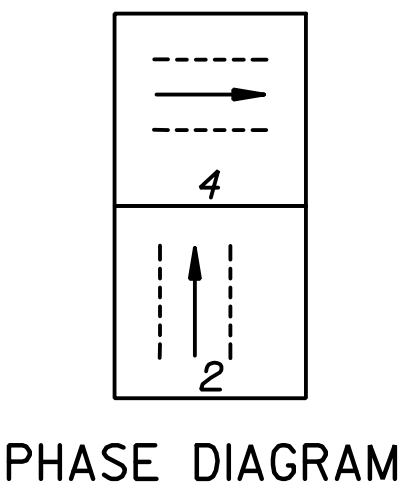
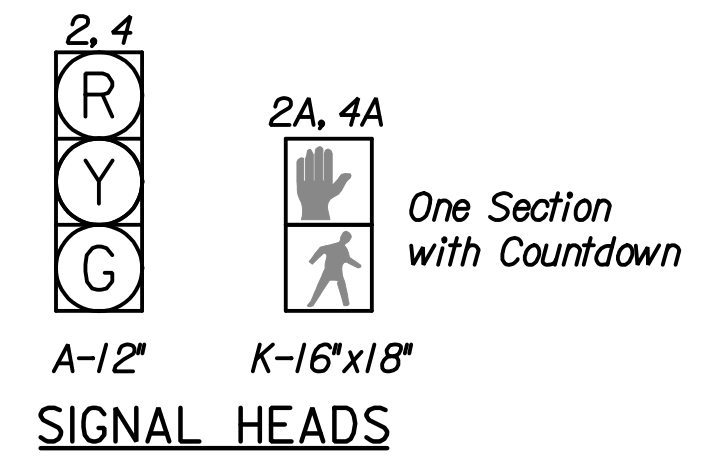
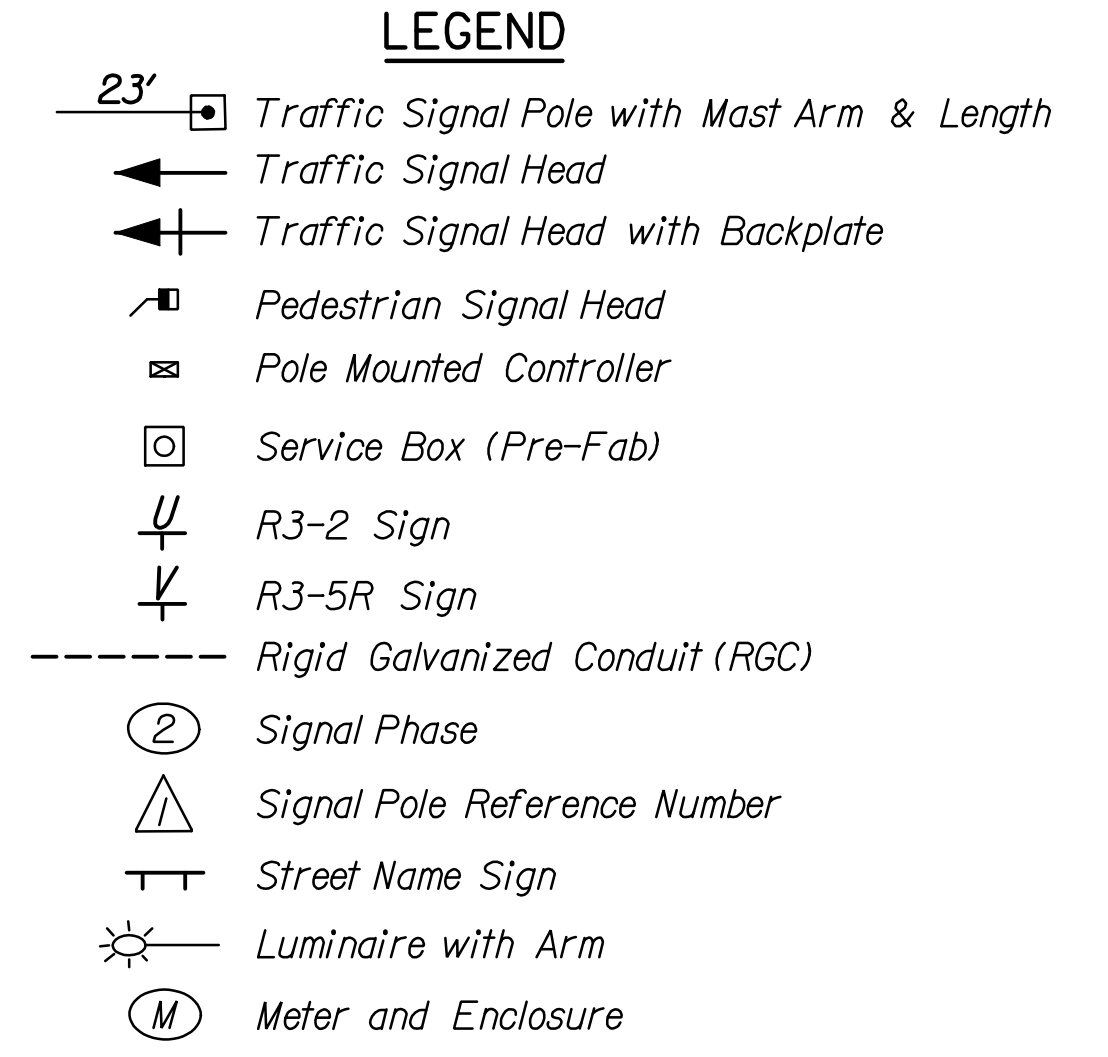
Sta. 609+77.50, 37.50' Lt.
Install Service Box
See Sh. No. R48

Sta. 609+02, 37' Rt.
Install Service Box
See Sh. No. R48

Sta. 609+07, 41.5' Rt. Install
Traffic Signal Pedestal (J.U.)
Top Base Elev.= 1296.67
See Sh. No. R47

Sta. 609+64, 26' Rt. Install
Traffic Signal Pole (J.U.) w/40' Mast Arm
Top Base Elev.= 1297.21
Install Controller
See Sh. No. R47

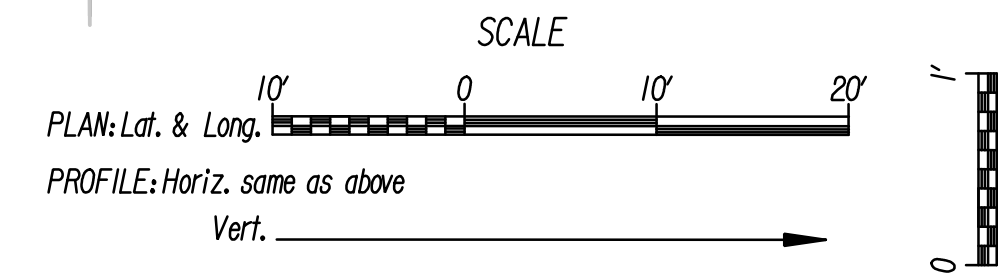
Sta. 609+66, 38' Rt.
Install Service Box
See Sh. No. R48



- 1 Connect to existing Conduit in Pole Base or Install as required.
- 2 Reinstall Street Name Sign salvaged from existing Mast Arm.
- 3 2" PVC Conduit with Pull Wire for Joint Use Lighting.
- 4 For Traffic Signal Interconnect at Emporia & Douglas. Connect to existing conduit.
- 5 For Traffic Signal Interconnect at Pedestrian Crossing Signal on Emporia.
- 6 For Power Supply at Pedestrian Crossing Signal on Emporia.

**EQUIPMENT SPECIFICATIONS
2070 CONTROLLER**

- A. Controller Unit: The 2070L controller supplied shall meet the requirements outlined in CalTrans TEES 2002 (latest revision), and the following requirements:
1. The 2070L controller shall have a 19" EIA rack mountable chassis (mated to the 170 cabinet).
 2. 2070-1B CPU module with RJ-45 Ethernet port.
 3. 2070-2A CI field I/O module for compatibility with CalTrans style CI connector.
 4. 2070-3B 8X40 front panel with LCD display.
 5. 2070-4A 10 amp power supply.
 6. 2070-7A asynchronous serial communications module (RS-232).
 7. Any unused slot position shall have a cover plate.
- B. Conflict Monitor: The Conflict Monitor supplied shall be 2010 ECL conflict monitor.



Revision		By		Date	
EMPORIA STREET					
TRAFFIC SIGNAL PLAN EMPORIA AND WILLIAM					
JAMES L. ARMOUR, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84744					
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003					
Designed by	DRM	Job No.	08456		
Drawn by	DRP	Date	Feb., 2009	Sht. R43 of R78	

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