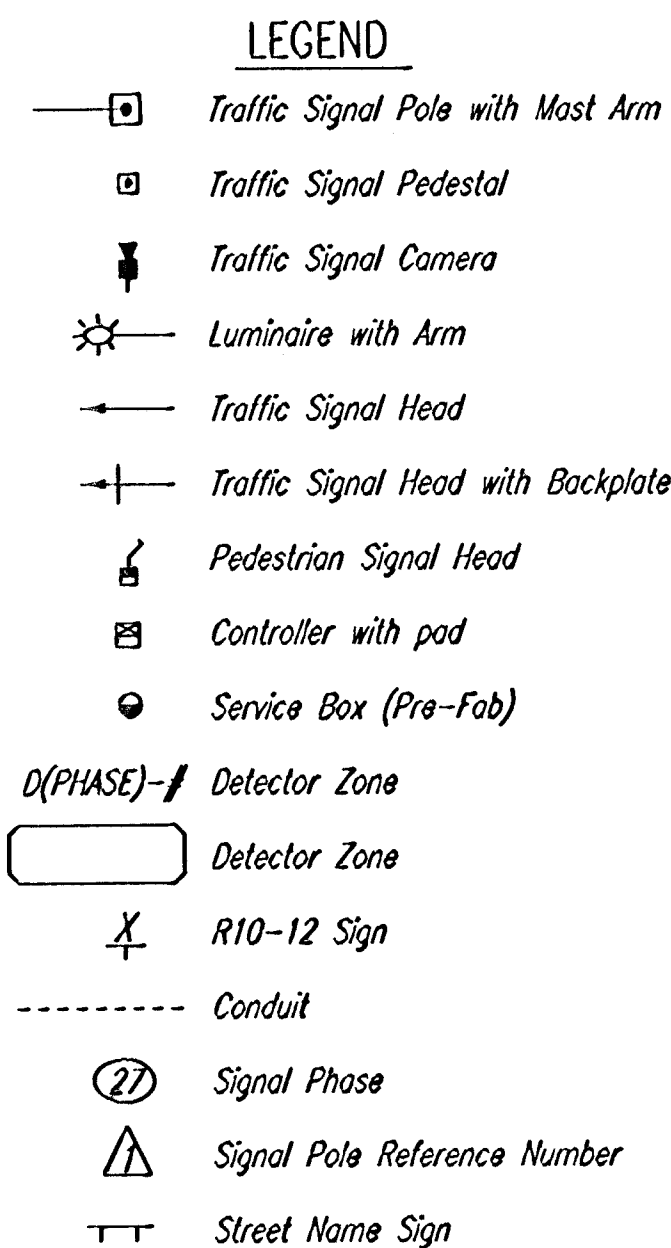


The Traffic Signal Controller shall comply with the requirements defined in the Specifications for a type 170E Controller with 412b2 prom module and a 400 modem. It shall be furnished and installed with a Model 332 cabinet, 3-type 242 isolator units, 1 video detection unit, 8 switch packs, 2-type 204 flashers 4 flash transfer relay, and a Model 210P conflict monitor MS or or ECL. The Controller shall also be furnished with WA4KS Version 58 or latest version of software developed by WAPITI MICRO SYSTEMS.

- ① THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF THE PAVEMENT MARKING WITH PAVING AND STORM WATER IMPROVEMENTS CONTRACTOR (CITY OF WICHITA PROJ. NO. 472-83678).
- ② THE CONTRACTOR SHALL RECONNECT INKING THE POWER SUPPLY LINE TO THE EXISTING SIGN IN THE ISLAND OF WILSON ESTATES PARKWAY. INSTALL A 1 INCH RISER AND WEATHER HEAD ON THE EXISTING POLE AT THE SOUTHEAST CORNER OF THE INTERSECTION. CONNECT TO THE EXISTING UNDERGROUND CONDUIT AND PROVIDE NEW WIRING PER LOCAL CODE REQUIREMENTS. POWER SUPPLY SHALL BE IN A SEPARATE CONDUIT FROM THE TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR THE CONDUIT, WIRING AND ALL MISCELLANEOUS ITEMS REQUIRED FROM THE WEATHER HEAD TO THE METER LOCATED ON THE WEST SIDE OF THE SIGN. ALL WORK AND MATERIAL ARE INCIDENTAL TO THE LUMP SUM BID PRICE FOR THE TRAFFIC SIGNAL.



WILSON ESTATES PARKWAY AND WEBB ROAD

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	SAW, BJS	Date	JANUARY 2003
		Job No.	02620-00

The signal shall dwell green in $\phi 4$ & $\phi 8$.

Exist. Pole w/Meter
Install Riser, Meter & Disconnect
on existing wood pole
Coordinate w/Westar.
See Sheet No. 6

CAUTION: Fiber Optic Lines
Contractor shall hand dig $\pm$ 4' to verify that excavation is clear of SBC Lines.
Contractor shall contact Mr. Bob Alley with SBC 3 to 4 days prior to beginning excavation to coordinate excavation.
316-268-2245

3, 7

2, 4, 6, 8

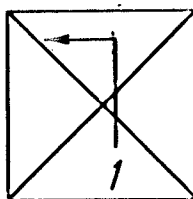
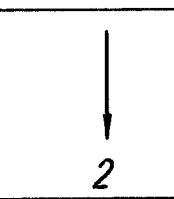
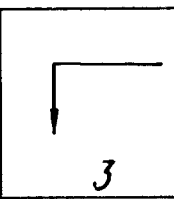
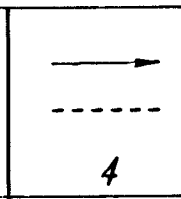
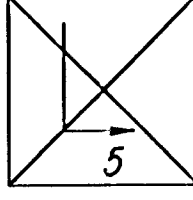
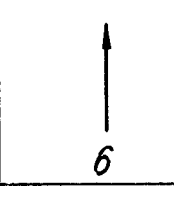
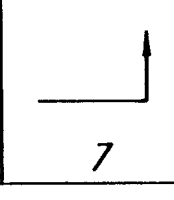
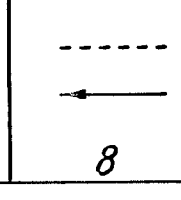
6a
4a, 8a

12°

12°

12°

SIGNAL HEAD ARRANGEMENT

1

2

3

4

5

6

7

8

PHASE DIAGRAM