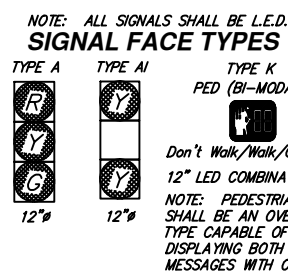


PHASE	MOVEMENT	NUMBER OF SIGNALS	SIGNAL SPACING	TYPE
1	LT	2	24.10'	LIT
2	THRU	2	24.10'	LIT
3	LT	1	N/A	RED
4	THRU	1	N/A	RED

\* VERIFY SIGNAL SPACING WITH ENGINEER PRIOR TO DRILLING MOUNTING HOLES



**TRAFFIC SIGNAL NOTES**

1. SERVICE BOX LOCATIONS MAY BE FIELD ADJUSTED AT THE TIME OF INSTALLATION TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING. ANY CHANGE IN LOCATION MUST BE APPROVED BY THE FIELD ENGINEER.
2. CONTRACTOR SHALL COORDINATE INSTALLATION OF METER AND DISCONNECT WITH WESTAR.
3. CONTRACTOR SHALL CONFIRM REMOVAL OF OLD ELECTRIC SERVICE.

**GENERAL NOTES**

1. The Contractor shall be responsible for furnishing and installing the cabinet, concrete base, and for all equipment necessary for the complete and satisfactory operation of the traffic signal, whether said equipment is specifically mentioned or not.
2. Lengths given are to the centerline of pole/box and do not include lengths for elbows and risers.
3. Signal heads, pedestrian signals, traffic signs, etc. shall include all brackets, hardware, & other incidentals necessary for installation.
4. See City of Wichita Standard Specifications for additional wiring notes.
5. Quantities are for Information Only.
6. Traffic Controller will be supplied by The City of Wichita. The controller shall be installed and programmed by The Contractor.

**SPECIAL FINISH FOR TRAFFIC SIGNAL EQUIPMENT:**

The brackets, sign blank backs, signal backs and other exposed surfaces shall be shop painted with an aerosol lacquer cellulose ester to match the traffic signal pole color. The contractor shall submit two copies of the proposed coating system to the City for approval to application.

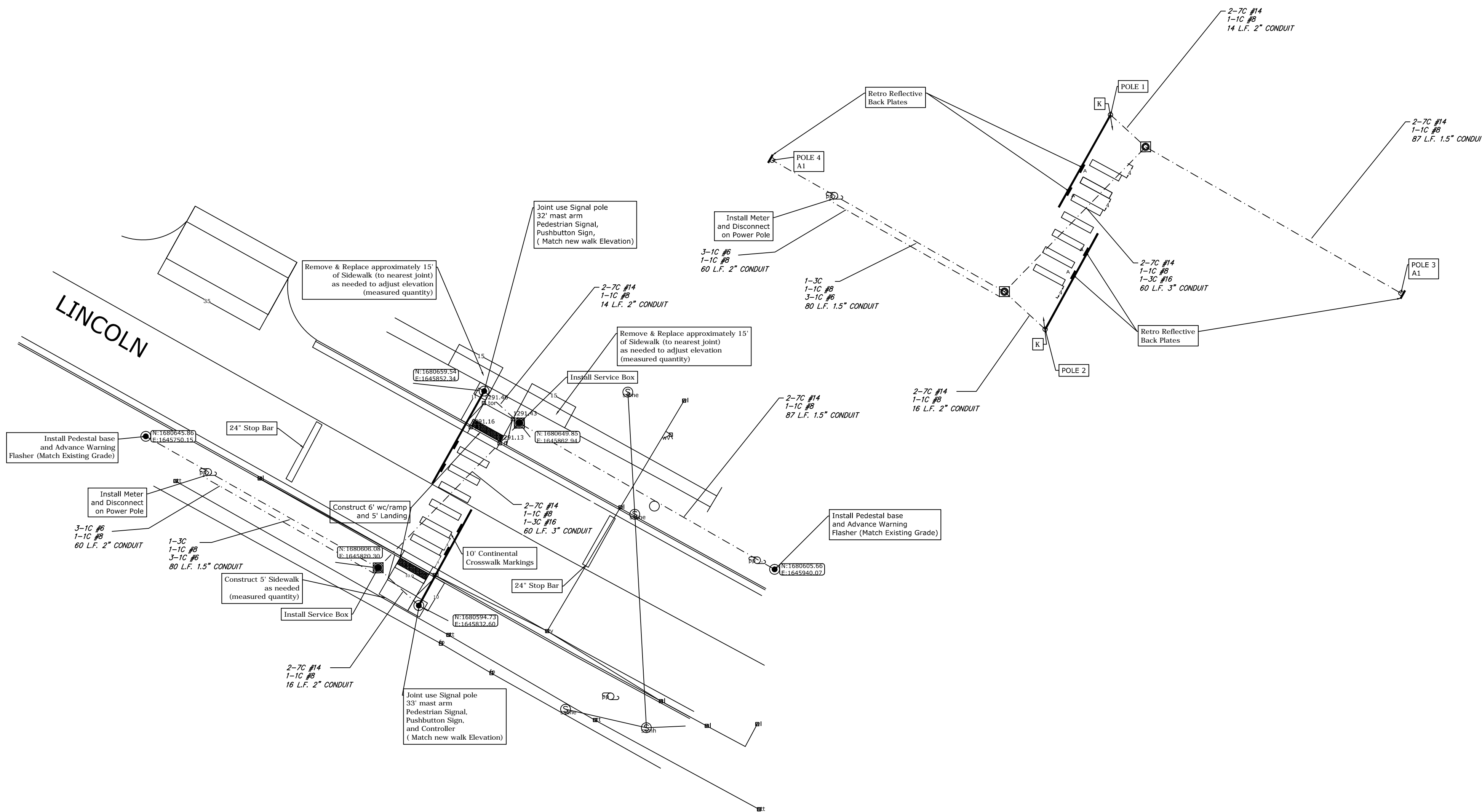
**TRAFFIC SIGNAL POLE, PEDESTAL, & CONTROLLER**

**CABINET EXTERIOR COATING:**

In addition to being galvanized, all exterior surfaces shall be coated with a zinc rich epoxy powder to a minimum dry film thickness of 2.0 mils. The coating shall be electrostatically applied and partially cured in a gas fired convection oven by heating the steel substrate to a minimum of 250 degrees Fahrenheit.

The powder primed surface shall be coated with an intermediate coat of polyester powder to a minimum dry film thickness of 2.0 mils. The coating shall be electrostatically applied and cured by heating the steel substrate in a convection oven to minimum of 350 degrees and a maximum of 400 degrees Fahrenheit.

The intermediate coat shall be top coated with one coat of high-build acrylic polyurethane enamel to a minimum dry film thickness of 2.0 mils. The coating shall be electrostatically applied and cured by heating the substrate in a convection oven to a minimum of 225 degrees Fahrenheit. The final top coating color shall be BLACK.



ITEM	UNIT	QUANTITY
POLE MOUNTED CABINET	EA.	1
CONCRETE FOOTING - POLE	EA.	4
TRAFFIC SIGNAL POLE	EA.	4
SERVICE BOX	EA.	2
GROUND ROD & CLAMP	EA.	3
TRAFFIC SIGNAL HEAD - 12" (TYPE A) W/MOUNTING BRACKET	EA.	4
TRAFFIC SIGNAL HEAD - 12" (TYPE A1) W/MOUNTING BRACKET	EA.	2
PEDESTRIAN SIGNAL - 12" (TYPE P) W/MOUNTING BRACKET	EA.	4
PEDESTRIAN PUSHBUTTON W/SIGN (POLARA or EQUIV)	EA.	2
L.E.D. UNIT	EA.	16
ENTRANCE HEAD	EA.	1
CIRCUIT BREAKER & BOX	EA.	1
RETRO REFLECTIVE 2" STRIPING ON BACK PLATE FOR SIGNAL HEAD (TYPE A)	EA.	4
RETRO REFLECTIVE 2" STRIPING ON BACK PLATE FOR SIGNAL HEAD (TYPE A1)	EA.	2
POLE MOUNTED CABINET & CONTROLLER SYSTEM - TYPE 2070 (SEE NOTE)	EA.	
MODEL 2070A CONTROLLER	EA.	1
MODEL 336A CABINET W/ALL ACCESSORIES	EA.	1
MULTI-CONDUCTOR CABLE NO. 14 AWG 3/C (Pedestrian Pushbuttons)	LF	167
MULTI-CONDUCTOR CABLE NO. 14 AWG 7/C	LF	220
STANDARD NO. 8 AWG 1/C (TYPE THHN) (GROUND)	LF	257
STANDARD NO. 6 AWG 1/C (TYPE THHN) (POWER)	LF	60
CONDUIT 3"	LF	60
CONDUIT 2"	LF	30
CONDUIT 1.5"	LF	167

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EQUIPMENT NECESSARY FOR THE COMPLETE AND SATISFACTORY OPERATION OF THE TRAFFIC SIGNAL, WHETHER SAID EQUIPMENT IS SPECIFICALLY MENTIONED OR NOT. THE QUANTITIES SHOWN ARE FOR INFORMATION ONLY.

ITEM	NORTHING	EASTING	TYPE
FLASHER POLE BASE	1680645.86	1645750.15	PED
FLASHER POLE BASE	1680605.66	1645940.07	PED
SIGNAL POLE BASE	1680594.73	1645832.60	J.U.
SIGNAL POLE BASE	1680659.54	1645852.34	J.U.
SERVICE BOX	1680649.85	1645862.94	STANDARD
SERVICE BOX	1680606.08	1645820.30	STANDARD

REVISION DATE: MAY 2013



**West High School  
Crosswalk  
on Lincoln**

CITY ENGINEER  
**GARY JANZEN, P.E.**

PROJECT NUMBER 472-85339	OCA NUMBER 707116	DATE Sept. 28, 2016
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET Signal Locations