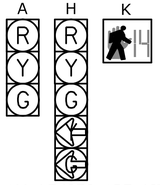
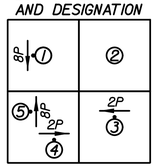
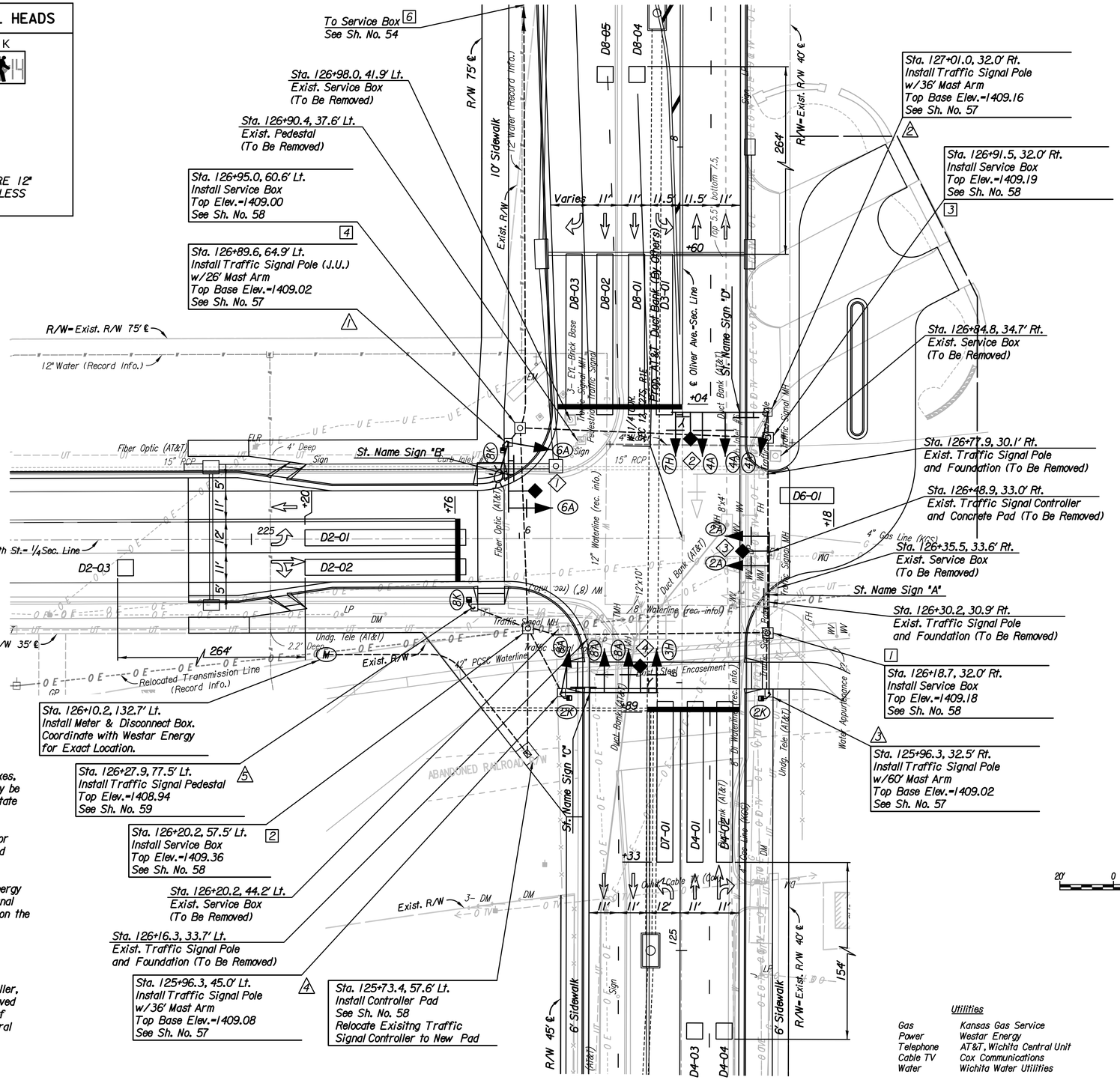
TRAFFIC SIGNAL HEADS



NOTE: ALL LENSES ARE 12" NON-TINTED L.E.D. UNLESS OTHERWISE NOTED.

PEDESTRIAN PUSH BUTTON LOCATION AND DESIGNATION





GENERAL NOTES

All Signal Heads shall have 12" LED lenses.

Placement of Signal Poles, Service/Junction Boxes, Conduit runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.

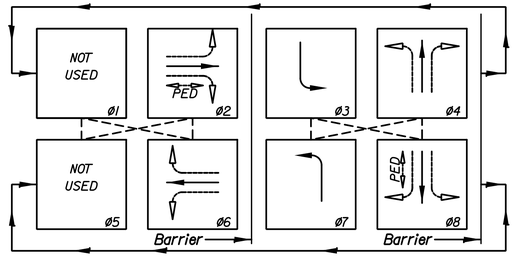
Utility locations are approximate. The Contractor shall be responsible for locating all underground utilities prior to construction.

The Contractor shall coordinate with Westar Energy for the connection of power for the traffic signal installation and for the mounting of luminaire on the joint-use pole.

All Stations/Offsets are from the Oliver Ave. Baseline unless otherwise identified.

All Salvagable Traffic Signal Equipment (Controller, Signal Poles, Pedestals, Signal Heads, etc.) removed with this project shall be deliverd to the City of Wichita's Traffic Signal Supervisor at the Central Maintenance Facility, 1801 S. McLean Blvd.

SIGNAL PHASING DIAGRAM



MOVEMENTS
PROTECTED PHASE
PERMITTED PHASE

NOTE:
PEDESTRIAN INTERVALS TO OCCUR ONLY AFTER PUSHBUTTON ACTIVATION.

DOTTED LINES CONNECTING PHASES DENOTES NON-CONFLICTING SIGNAL PHASES THAT CAN OCCUR CONCURRENTLY.

LEGEND

- (M) Meter and Enclosure
- Rigid Galvanized Conduit (RGC)
- Controller
- Service Box/Junction Box
- Traffic Signal Pole with Mast Arm
- Traffic Signal Pedestal
- Traffic Signal Head
- Traffic Signal Head with Backplate
- Pedestrian Signal Head
- Traffic Signal Radar Unit
- D(Phase)→ Detector Zone
- R10-12 Sign
- Street Name Sign
- L.E.D. Luminaire with Arm
- (2A) Signal Phase & Head Arrangement
- △ Signal Pole Reference Number
- ◇ Traffic Radar Unit Reference Number
- □ Service Box/Junction Box Reference Number
- Lane Use Arrows

SCALE
20' 0 20' 40'

Utilities

Gas	Kansas Gas Service
Power	Westar Energy
Telephone	AT&T, Wichita Central Unit
Cable TV	Cox Communications
Water	Wichita Water Utilities

No.	Revision	By	Date

17TH STREET AND OLIVER INTERSECTION

TRAFFIC SIGNAL PLAN
I7TH/OLIVER

GARY JANZEN, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-85214

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

Designed by	SAC	Job No.	15081	Sht. 53 of 107
Drawn by	CP, SVB	Date	Dec., 2017	

Plotted By: sheldon.bln@ate: 12/15/2017 8:54:42 AM
FILE: U:\Wichita-Civil\2015\1508\000\Trans\Road\DGN Project\Signals\1508i-Oliver_17 SignalPlan.dgn