

GENERAL NOTES

All Signal Heads shall have 12" 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.

See Sh. No. 86 for pedestrian activated pushbutton locations.

Scale: 1"=20'

North Arrow

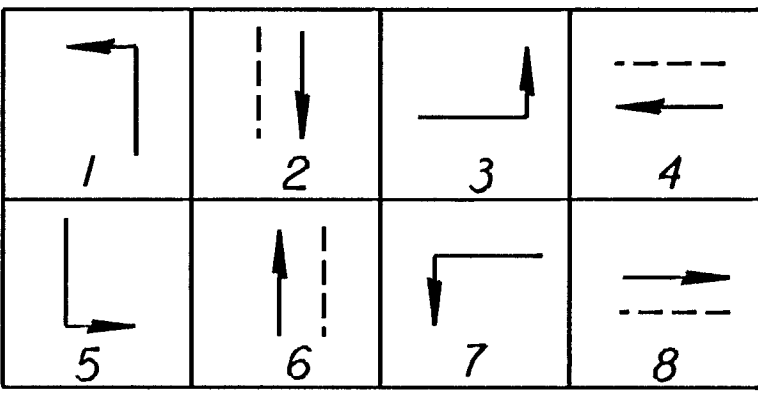
UTILITIES

Water
Water ①
Power
Gas
Telephone
Cable TV
San. Sewer

Beech
Wichita Water Dept.
Kansas Gas & Electric
Kansas Gas & Electric
Southwestern Bell
Multimedia Cablevision
Sedgwick County

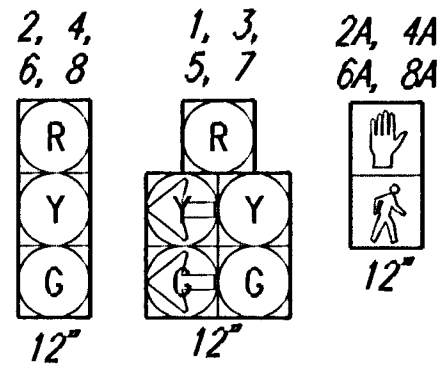
LEGEND

- Traffic Signal Pole with Mast Arm
- Traffic Signal Pedestal
- Luminaire with Arm
- Traffic Signal Head
- Traffic Signal Head with Backplate
- Pedestrian Signal Head
- Controller with pad
- Service Box
- Junction Box
- Detector Loop
- Detector Loop (Quadrupole)
- R10-12 Sign
- Rigid Galvanized Conduit (RGC)
- Signal Phase
- Signal Pole Reference Number
- Street Name Sign



PHASE DIAGRAM

SIGNAL HEAD ARRANGEMENT



	PHASE							
	1	2	3	4	5	6	7	8
MINIUM GREEN	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0
PASSAGE TIME	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MAXIMUM NO.1	30	80	30	80	30	80	30	80
MAXIMUM NO.2	30	80	30	80	30	80	30	80
YELLOW CHANGE	3.0	3.2	3.0	3.2	3.0	3.2	3.0	3.2
RED CLEARANCE	0.5	1.3	0.5	1.3	0.5	1.3	0.5	1.3
SECONDS/ACTUATION	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
MAXIMUM INITIAL	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
TIME BEFORE REDUCTION	—	20	—	20	—	20	—	20
CARS BEFORE REDUCTION	—	—	—	—	—	—	—	—
TIME TO REDUCE	—	—	—	—	—	—	—	—
MINIUM GAP	—	—	—	—	—	—	—	—
WALK	—	—	—	—	—	—	—	—
PEDESTRIAN CLEARANCE	—	—	—	—	—	—	—	—

Note:

The contractor shall stockpile the existing traffic signal, including all traffic signal heads, controller, poles, and signs, at the job site. These items shall be removed by others. This work shall be Subsidiary to the Lump Sum Bid Item for Traffic Signals.

Sta. 29+54, 52' Rt.
Install Traffic Signal Pedestal ①
See Sheet No. 89

Sta. 29+44, 100' Rt.
Install Traffic Signal ②
Pole with 46' Mast Arm
See Sheet No. 89

Sta. 30+55, 105' Lt.
Install Traffic Signal ③
Pole with 46' Mast Arm
See Sheet No. 89

Sta. 30+43, 52' Lt.
Install Traffic Signal Pedestal ④
See Sheet No. 89

Sta. 30+71, 53' Rt.
Install Traffic Signal ⑤
Pole with 44' Mast Arm
See Sheet No. 89