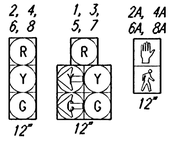
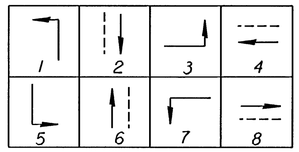
PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-34	1998	85	169



SIGNAL HEAD ARRANGEMENT



PHASE DIAGRAM

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'

CONTROLLER TIMING

	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 BEFOR 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.

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 pod
- Service Box
- Junction Box
- Detector Loop
- Detector Loop (Quadropole)
- R10-12 Sign
- Rigid Galvinized Conduit (RGC)
- Signal Phase
- Signal Pole Reference Number
- Street Name Sign

UTILITIES

Water	Beech
Water 1	Wichita Water Dept.
Power	Kansas Gas & Electric
Gas	Kansas Gas & Electric
Telephone	Southwestern Bell
Cable TV	Multimedia Cablevision
San. Sewer	Sedgwick County

No.	Revisions	By	Date
1			

SEDGWICK COUNTY BUREAU OF PUBLIC SERVICES

TRAFFIC SIGNAL PLAN

CENTRAL AVE. & GREENWICH ROAD

PROJECT NO. 618-34 SEDGWICK COUNTY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	BER	Checked by	WDH
Drawn by	MAF	Date JULY 1997	Job No. 95297-2

i:/1995/95297/002/trsigdgn
Drawn by: bjs/maf
Plotted by: DJW 11-11-97