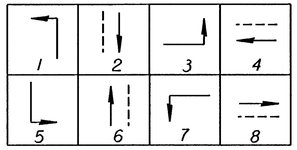
PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-34	1998	87	169

2, 4, 6, 8 — 12" — Existing 6 Each (Remove 2 Each)

1, 3, 5, 7 — 12" — New 4 Each

2A, 4A 6A, 8A — 12" — New 2A 2 Each; Existing 4A 2 Each; Existing 6A 2 Each

SIGNAL HEAD ARRANGEMENT

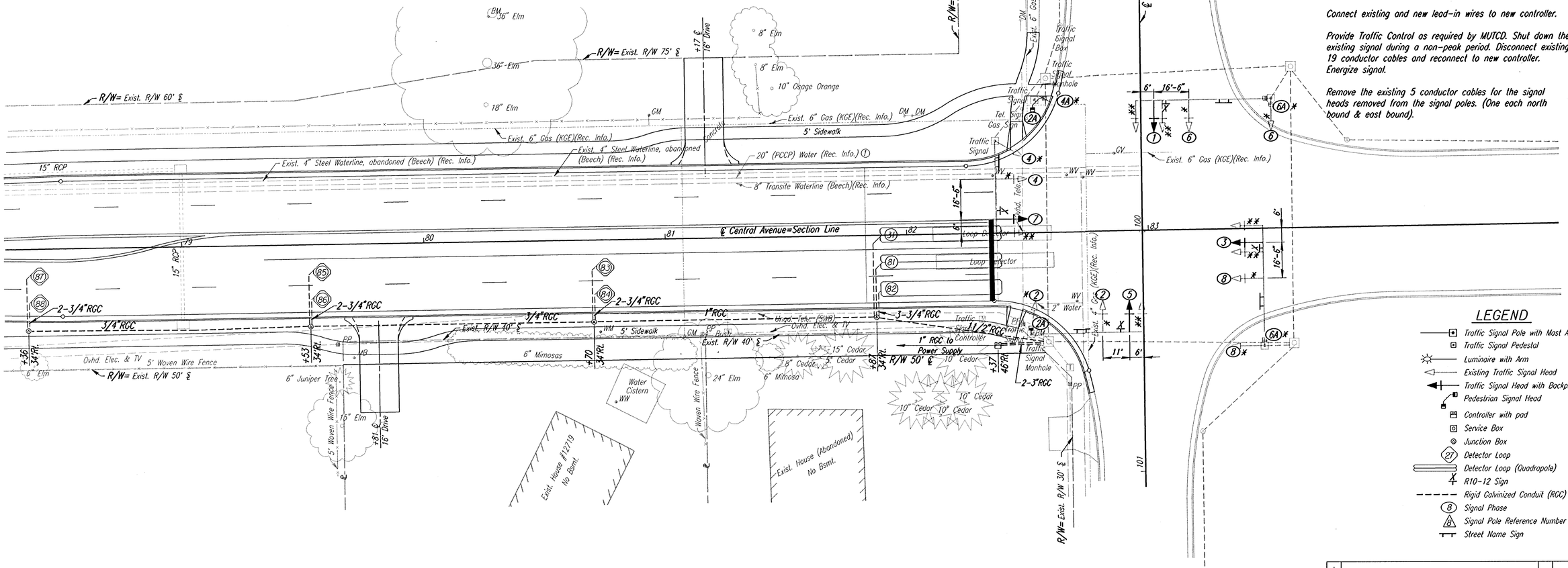


PHASE DIAGRAM

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	—	—	—	—	—	—	—	—

Scale: 1"=20'



PROPOSED TRAFFIC SIGNAL CONSTRUCTION SEQUENCE AT 127TH

Switch existing signal to pretimed mode.
Coordinate with Sedgwick County.

Install new controller.

Provide Traffic Control as required by MUTCD.
Remove existing heads on poles as required.
(4 left turn and 2 through movement).

Install new left turn heads and relocate existing through movement heads to locations as shown on plan.
Connect heads to operate in pre-timed mode.

Install new loop detector and lead-in loop detector wires on Central west of 127th (west leg).
Existing loops and lead-in detector wire on north, south and east legs of intersection to remain and be reconnected to new controller.

Connect existing and new lead-in wires to new controller.

Provide Traffic Control as required by MUTCD. Shut down the existing signal during a non-peak period. Disconnect existing 19 conductor cables and reconnect to new controller. Energize signal.

Remove the existing 5 conductor cables for the signal heads removed from the signal poles. (One each north bound & east bound).

LEGEND

- Traffic Signal Pole with Mast Arm
- Traffic Signal Pedestal
- Luminaire with Arm
- Existing Traffic Signal Head
- Traffic Signal Head with Backplate
- Pedestrian Signal Head
- Controller with pod
- Service Box
- Junction Box
- (27) Detector Loop
- Detector Loop (Quadropole)
- R10-12 Sign
- Rigid Galvinized Conduit (RGC)
- (8) Signal Phase
- (8) Signal Pole Reference Number
- Street Name Sign

Note: Existing traffic signal heads to be removed (6 each) and the existing controller shall be stockpiled on the job site by the contractor for removal by others.

UTILITIES

Water	Beech
Water ①	Wichita Water Dept.
Power	Kansas Gas & Electric
Gas	Kansas Gas & Electric
Telephone	Southwestern Bell
Coble TV	Multimedia Cablevision

* Existing Signal Head to Remain & be positioned as shown.

** Existing Signal Head to be Removed

No.	Revisions	By	Date
1			

SEDGWICK COUNTY BUREAU OF PUBLIC SERVICES

TRAFFIC SIGNAL PLAN

CENTRAL AVE. & 127TH ST. E.

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\sigpl127.dgn
Drawn by: Jap
Plotted by: DJW 11-12-97