

PROPOSED TRAFFIC SIGNAL
CONSTRUCTION SEQUENCE AT 127TH

Switch existing signal to pre-timed 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).

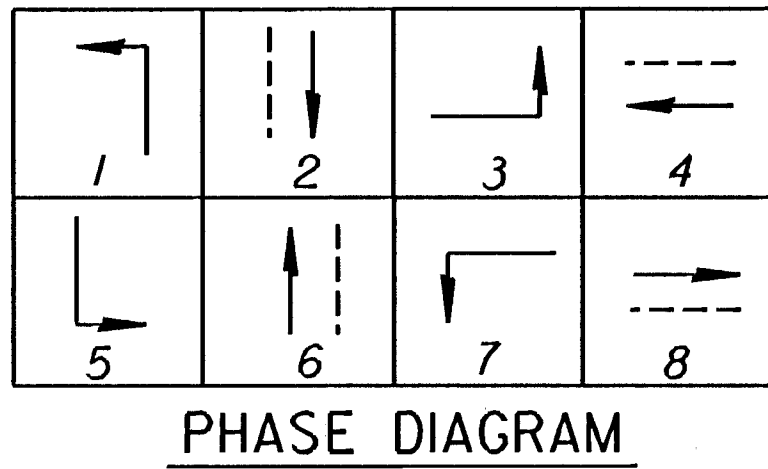
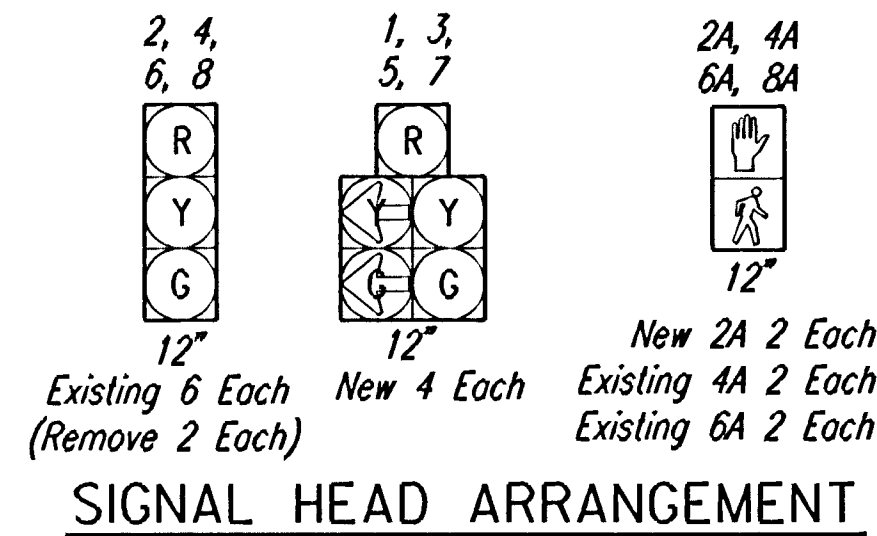
Install new left turn heads and relocate existing through
movement heads to locations as shown on plan.
Connect heads to operate in pre-timed mode.

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.

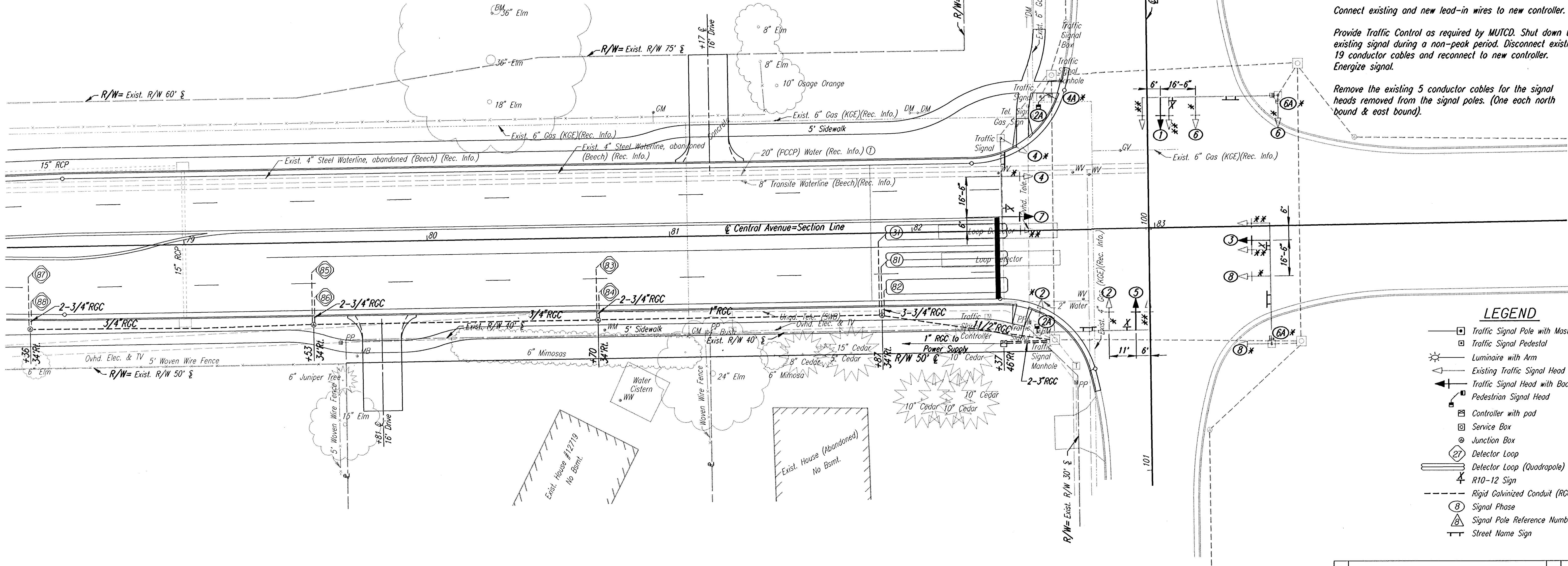
Provide Traffic Control as required by MUTCD. Shut down the
existing signal during a non-peak period. Disconnect existing
19 conductor cables and reconnect to new controller.
Energize signal.

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



	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	—	—	—	—	—	—	—	—

Scale: 1"=20'



LEGEND

- Traffic Signal Pole with Most 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
- Detector Loop
- Detector Loop (Quadrupole)
- R10-12 Sign
- Rigid Galvanized Conduit (RGC)
- Signal Phase
- 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
Water ①
Power
Gas
Telephone
Cable TV

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

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

** Existing Signal Head to be Removed

1	Revisions	By	Date
No.			
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.			
WICHITA, KANSAS			
Designed by	BER	Checked by	WDH
Drawn by	MAF	Date	JULY 1997
		Job No.	95297-2