

NOTES

- Contractor shall remove and deliver to 1801 S. McLean existing signals, signal poles, controller, and manhole covers. Contractor shall notify Traffic Engineering Department two weeks prior to start of construction.
- Temporary signals will be provided by Contractor.
- Traffic to be carried through construction. See Construction Traffic Control Plan.
- Contractor shall contact all utility companies which may be affected by this construction prior to beginning of construction.
- Service Box, Junction Box and conduit runs are typical only and should be adjusted during installation to clear obstructions and facilitate wiring as approved by the Engineer.
- The traffic signal system shall be complete and the Contractor shall furnish and install all equipment necessary for the satisfactory operation of electrical apparatus and for the complete operation of traffic signal system whether specifically mentioned or not.
- Signal equipment (mast arms, poles, cabinet, etc...) shall be black.
- The Contractor shall contact Westar to coordinate the power hook-up.
- Rigid steel conduit shall be installed under all roadways.

DETECTION ZONE

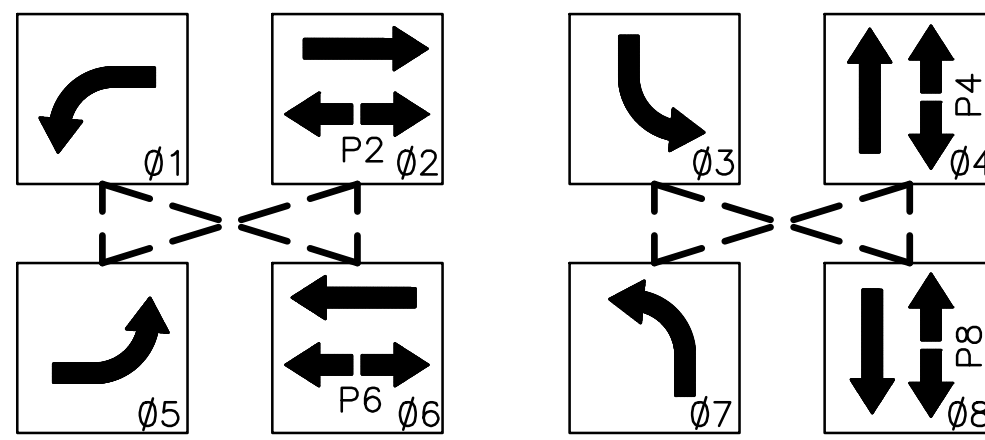
AREA NO.	SIZE	CAMERA	MOVEMENT CALLED
1	6' X 50'	3	1
2	6' X 50'	3	6
3	6' X 50'	3	6
4	6' X 50'	4	8
5	6' X 50'	4	8
6	6' X 50'	4	3
7	6' X 50'	1	2
8	6' X 50'	1	2
9	6' X 50'	1	5
10	6' X 50'	2	7
11	6' X 50'	2	4
12	6' X 50'	2	4

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0243-01	2005	83	169

Federal Aid No. STP N024(301)

FUNCTION	PHASE TIMING							
	1	2	3	4	5	6	7	8
MAX. I								
MAX. II/HFDW								
WALK								
FLASH DW								
MAX. INITIAL								
MIN. GREEN								
TBR								
TTR								
CITY OF WICHITA TO PROVIDE								
OBSERVE GAP								
PASSAGE								
MIN. GAP								
ADD ACTUATION								
YELLOW								
RED CLEAR								
RED REVERT								
WALK II								

FUNCTION	FUNCTION TABLE							
	1	2	3	4	5	6	7	8
VEHICLE RECALL								
PEDESTRIAN RECALL								
RED LOCK								
YELLOW LOCK								
PERMIT								
PED. PHASES								
LEAD PHASES								
DOUBLE ENTRY								
SEQUENTIAL TIMING								
STARTUP YELLOW								
OVERLAP A								
OVERLAP B								
OVERLAP C								
OVERLAP D								
EXCLUSIVE								
SIMULTANEOUS GAP								



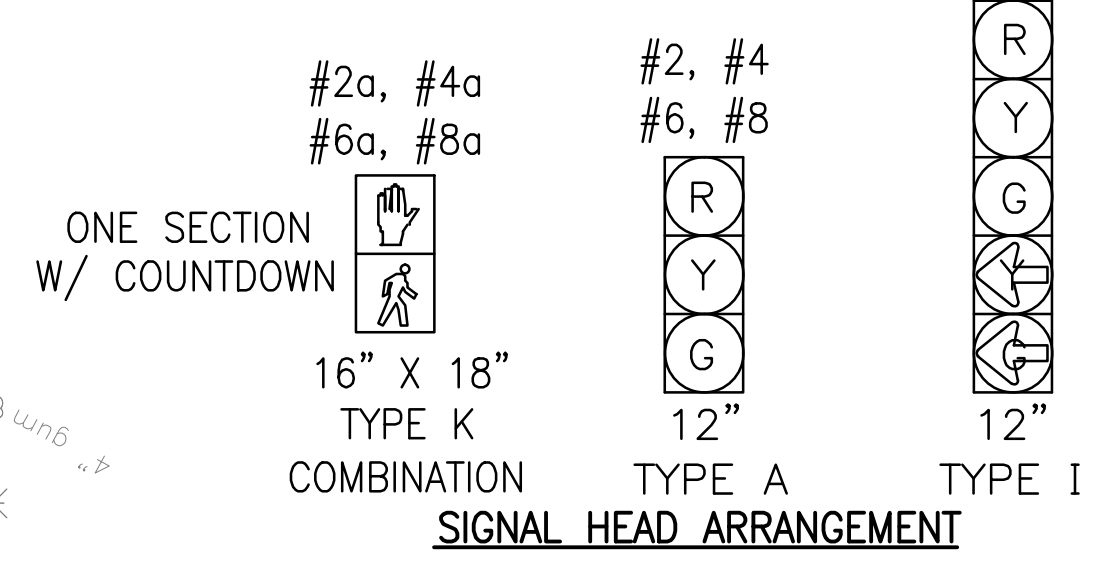
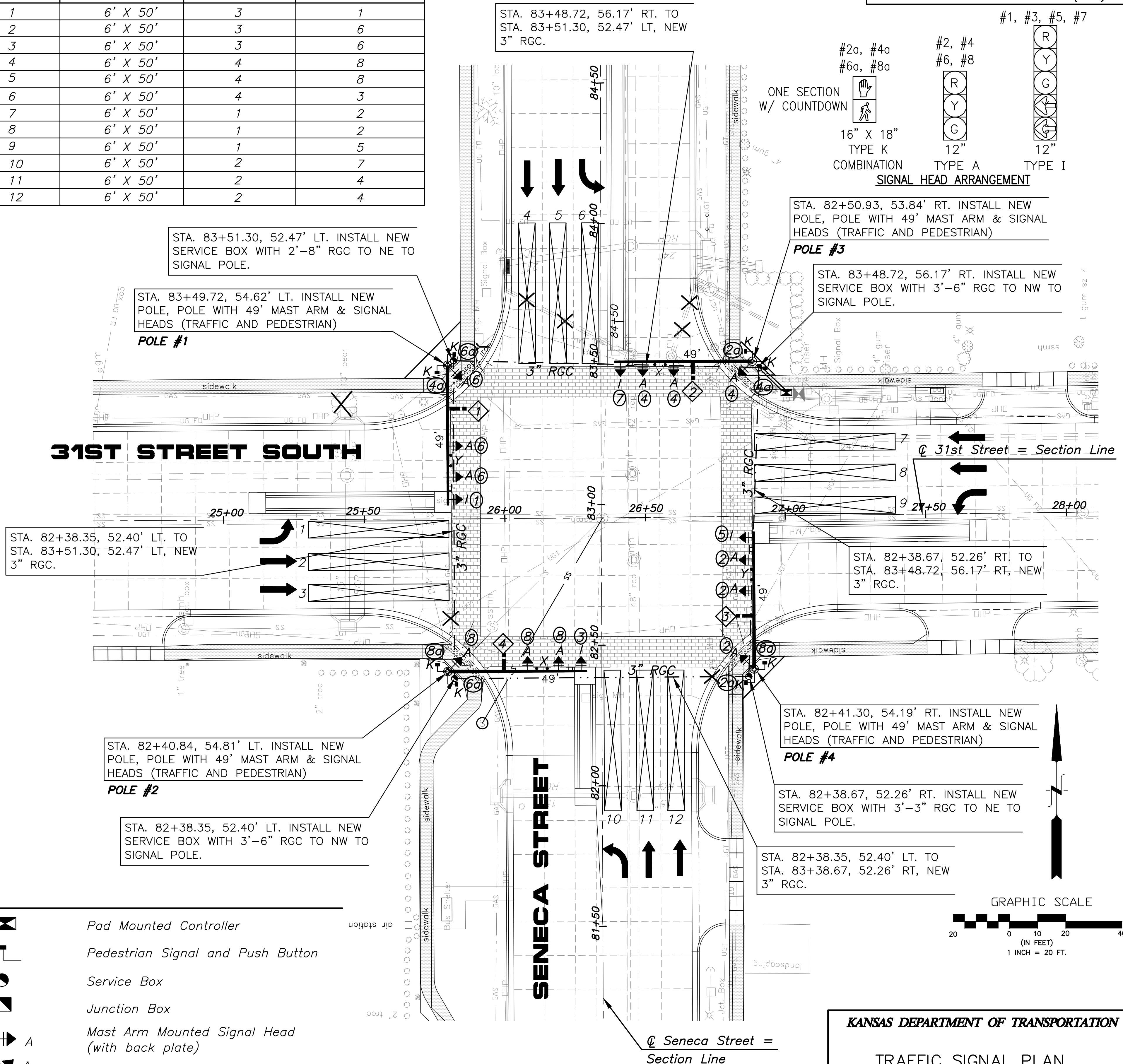
31st Street
Seneca Street
SIGNAL PHASING

--- Indicates that Phases may Time Concurrently

LEGEND

	Video Detection Camera		Pad Mounted Controller
	Street Name Sign with Designation		Pedestrian Signal and Push Button
	R10-12 (Left Turn Yield on Green)		Service Box
	Detection Zone		Junction Box
	3" Conduit		Mast Arm Mounted Signal Head (with back plate)
	Traffic Signal Pole with Mast Arm		Vertical Bracket Mounted Signal Head (with type designation)

31ST STREET SOUTH



ONE SECTION W/ COUNTDOWN
16" X 18" TYPE K
COMBINATION TYPE A TYPE I
SIGNAL HEAD ARRANGEMENT

STA. 82+50.93, 53.84' RT. INSTALL NEW POLE, POLE WITH 49' MAST ARM & SIGNAL HEADS (TRAFFIC AND PEDESTRIAN)
POLE #3

STA. 83+48.72, 56.17' RT. INSTALL NEW SERVICE BOX WITH 3'-6" RGC TO NW TO SIGNAL POLE.

STA. 83+51.30, 52.47' LT. INSTALL NEW SERVICE BOX WITH 2'-8" RGC TO NE TO SIGNAL POLE.

STA. 83+49.72, 54.62' LT. INSTALL NEW POLE, POLE WITH 49' MAST ARM & SIGNAL HEADS (TRAFFIC AND PEDESTRIAN)
POLE #1

STA. 82+38.35, 52.40' LT. TO STA. 83+51.30, 52.47' LT, NEW 3" RGC.

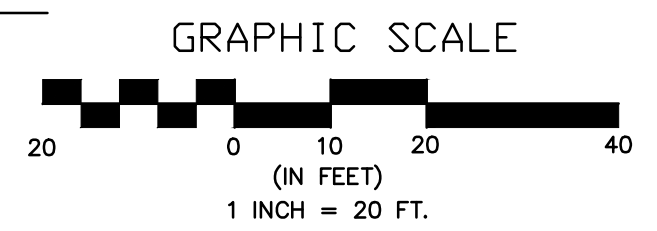
STA. 82+40.84, 54.81' LT. INSTALL NEW POLE, POLE WITH 49' MAST ARM & SIGNAL HEADS (TRAFFIC AND PEDESTRIAN)
POLE #2

STA. 82+38.35, 52.40' LT. INSTALL NEW SERVICE BOX WITH 3'-6" RGC TO NW TO SIGNAL POLE.

STA. 82+41.30, 54.19' RT. INSTALL NEW POLE, POLE WITH 49' MAST ARM & SIGNAL HEADS (TRAFFIC AND PEDESTRIAN)
POLE #4

STA. 82+38.67, 52.26' RT. INSTALL NEW SERVICE BOX WITH 3'-3" RGC TO NE TO SIGNAL POLE.

STA. 82+38.35, 52.40' LT. TO STA. 83+38.67, 52.26' RT, NEW 3" RGC.



KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN

SENECA STREET
1-235 TO 31ST STREET
CITY OF WICHITA, KANSAS
TRAFFIC SIGNAL PLAN
31ST STREET SOUTH AND SENECA STREET

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PE

Engineer: P. FERGUSON
Designer: J. UNRUH
KDOT Job No.: 87 N-0243-01
Date: JANUARY 2010

Sheet 83 of 169