

GENERAL NOTES

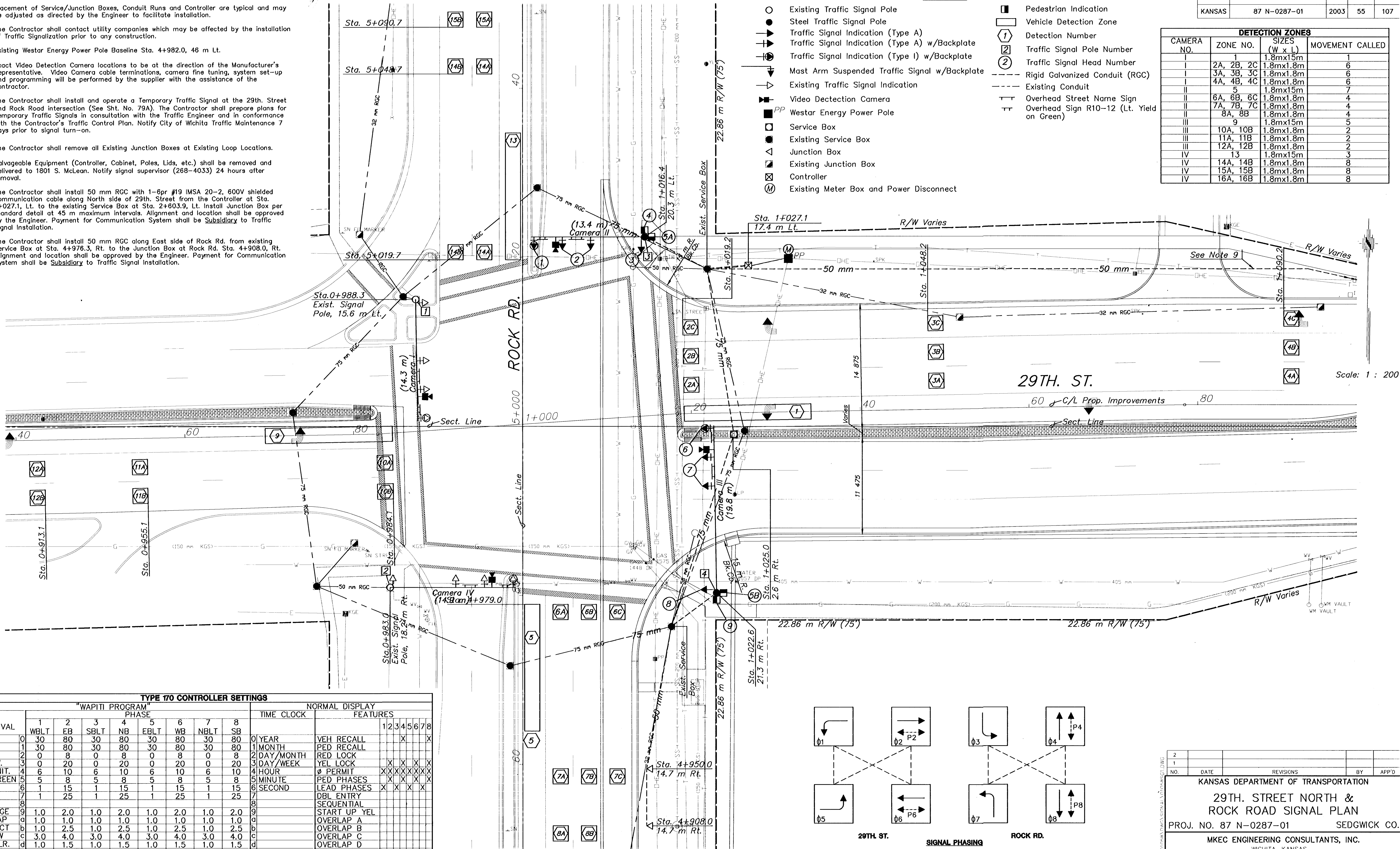
- Conduit shall be jacked or bored if not installed before placing of new pavement.
- Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.
- The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.
- Existing Westar Energy Power Pole Baseline Sta. 4+982.0, 46 m Lt.
- Exact Video Detection Camera locations to be at the direction of the Manufacturer's Representative. Video Camera cable terminations, camera fine tuning, system set-up and programming will be performed by the supplier with the assistance of the contractor.
- The Contractor shall install and operate a Temporary Traffic Signal at the 29th. Street and Rock Road intersection (See Sht. No. 79A). The Contractor shall prepare plans for Temporary Traffic Signals in consultation with the Traffic Engineer and in conformance with the Contractor's Traffic Control Plan. Notify City of Wichita Traffic Maintenance 7 days prior to signal turn-on.
- The Contractor shall remove all Existing Junction Boxes at Existing Loop Locations.
- Salvageable Equipment (Controller, Cabinet, Poles, Lids, etc.) shall be removed and delivered to 1801 S. McLean. Notify signal supervisor (268-4033) 24 hours after removal.
- The Contractor shall install 50 mm RGC with 1-6pr #19 IMSA 20-2, 600V shielded communication cable along North side of 29th. Street from the Controller at Sta. 1+027.1, Lt. to the existing Service Box at Sta. 2+603.9, Lt. Install Junction Box per standard detail at 45 m maximum intervals. Alignment and location shall be approved by the Engineer. Payment for Communication System shall be Subsidiary to Traffic Signal Installation.
- The Contractor shall install 50 mm RGC along East side of Rock Rd. from existing Service Box at Sta. 4+976.3, Rt. to the Junction Box at Rock Rd. Sta. 4+908.0, Rt. Alignment and location shall be approved by the Engineer. Payment for Communication System shall be Subsidiary to Traffic Signal Installation.

LEGEND

- Existing Traffic Signal Pole
- Steel Traffic Signal Pole
- Traffic Signal Indication (Type A)
- Traffic Signal Indication (Type A) w/Backplate
- Traffic Signal Indication (Type I) w/Backplate
- Mast Arm Suspended Traffic Signal w/Backplate
- Existing Traffic Signal Indication
- Video Detection Camera
- Westar Energy Power Pole
- Service Box
- Existing Service Box
- Junction Box
- Existing Junction Box
- Controller
- Existing Meter Box and Power Disconnect
- Pedestrian Indication
- Vehicle Detection Zone
- Detection Number
- Traffic Signal Head Number
- Traffic Signal Head Number
- Rigid Galvanized Conduit (RGC)
- Existing Conduit
- Overhead Street Name Sign
- Overhead Sign R10-12 (Lt. Yield on Green)

STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
KANSAS	87 N-0287-01	2003	55	107

DETECTION ZONES				
CAMERA NO.	ZONE NO.	SIZES (W x L)	MOVEMENT CALLED	
I	1	1.8mx15m	1	
I	2A, 2B, 2C	1.8mx1.8m	6	
I	3A, 3B, 3C	1.8mx1.8m	6	
I	4A, 4B, 4C	1.8mx1.8m	6	
II	5	1.8mx15m	7	
II	6A, 6B, 6C	1.8mx1.8m	4	
II	7A, 7B, 7C	1.8mx1.8m	4	
III	8A, 8B	1.8mx1.8m	5	
III	9	1.8mx15m	5	
III	10A, 10B	1.8mx1.8m	2	
III	11A, 11B	1.8mx1.8m	2	
III	12A, 12B	1.8mx1.8m	2	
IV	13	1.8mx15m	3	
IV	14A, 14B	1.8mx1.8m	8	
IV	15A, 15B	1.8mx1.8m	8	
IV	16A, 16B	1.8mx1.8m	8	

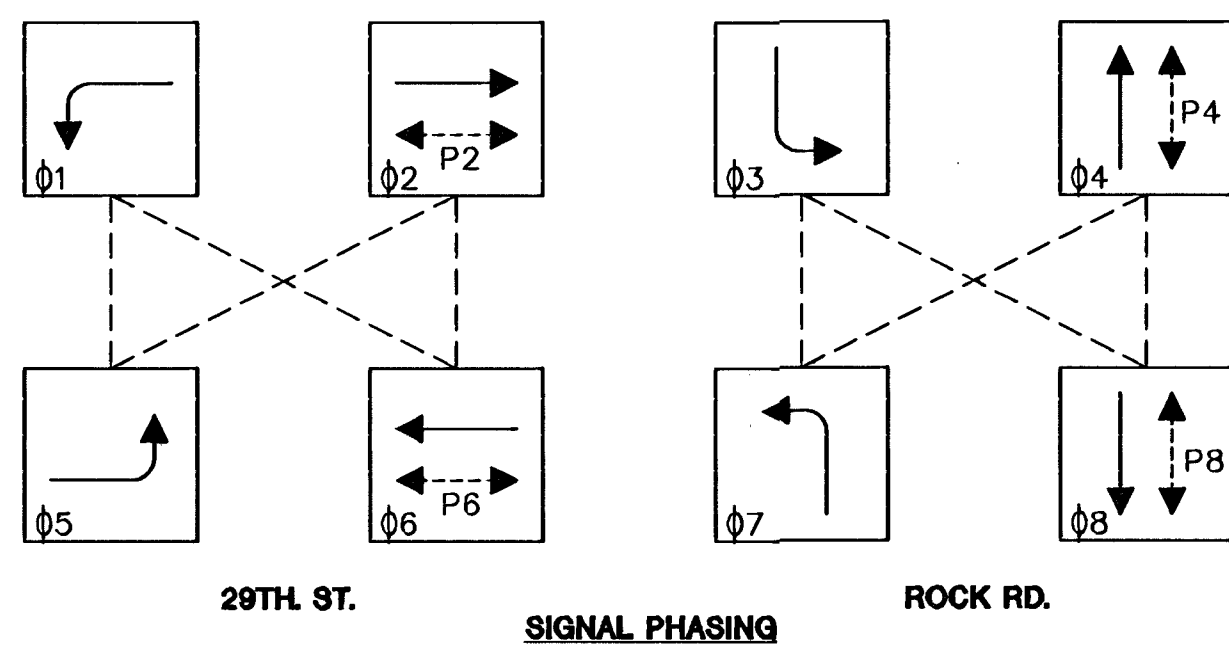


TYPE 170 CONTROLLER SETTINGS

INTERVAL	"WAPITI PROGRAM" PHASE								TIME CLOCK	NORMAL DISPLAY FEATURES							
	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
MAX	30	80	30	80	30	80	30	80	0 YEAR	VEH RECALL							
MAX 2	1	30	80	30	80	30	80	30	1 MONTH	PED RECALL							
WALK	2	0	8	0	8	0	8	0	2 DAY/MONTH	RED LOCK							
FL. DW.	3	0	20	0	20	0	20	0	3 DAY/WEEK	YEL LOCK							
MAX INIT.	4	6	10	6	10	6	10	6	4 HOUR	PERMIT	X	X	X	X	X	X	X
MIN GREEN	5	5	8	5	8	5	8	5	5 MINUTE	PED PHASES	X	X	X	X	X	X	X
TBR	6	1	15	1	15	1	15	1	6 SECOND	LEAD PHASES	X	X	X	X	X	X	X
TTR	7	1	25	1	25	1	25	1	7	DBL ENTRY							
PASSAGE	8	1.0	2.0	1.0	2.0	1.0	2.0	1.0	8	SEQUENTIAL							
MIN GAP	9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9	START UP YEL							
ADD ACT	a	1.0	2.5	1.0	2.5	1.0	2.5	1.0	a	OVERLAP A							
YELLOW	b	3.0	4.0	3.0	4.0	3.0	4.0	3.0	b	OVERLAP B							
RED CLR.	c	1.0	1.5	1.0	1.5	1.0	1.5	1.0	c	OVERLAP C							
RED REV.	d	0	0	0	0	0	0	0	d	OVERLAP D							
WALK II	e	0	0	0	0	0	0	0	e	EXCLUSIVE							
	f	0	0	0	0	0	0	0	f	SIM GAP							

LTT-2

WB THRU Ø6 WITH Ø1 DETECTION



NO.	DATE	REVISIONS	BY	APP'D
2				
1				
0				

KANSAS DEPARTMENT OF TRANSPORTATION

29TH. STREET NORTH & ROCK ROAD SIGNAL PLAN

PROJ. NO. 87 N-0287-01 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC. WICHITA, KANSAS

DESIGNED BY: ASH CHECKED BY: GJA

DRAWN BY: WNJ DATE: Jan. 2003 SHEET 55 OF 107