

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

GENERAL NOTES

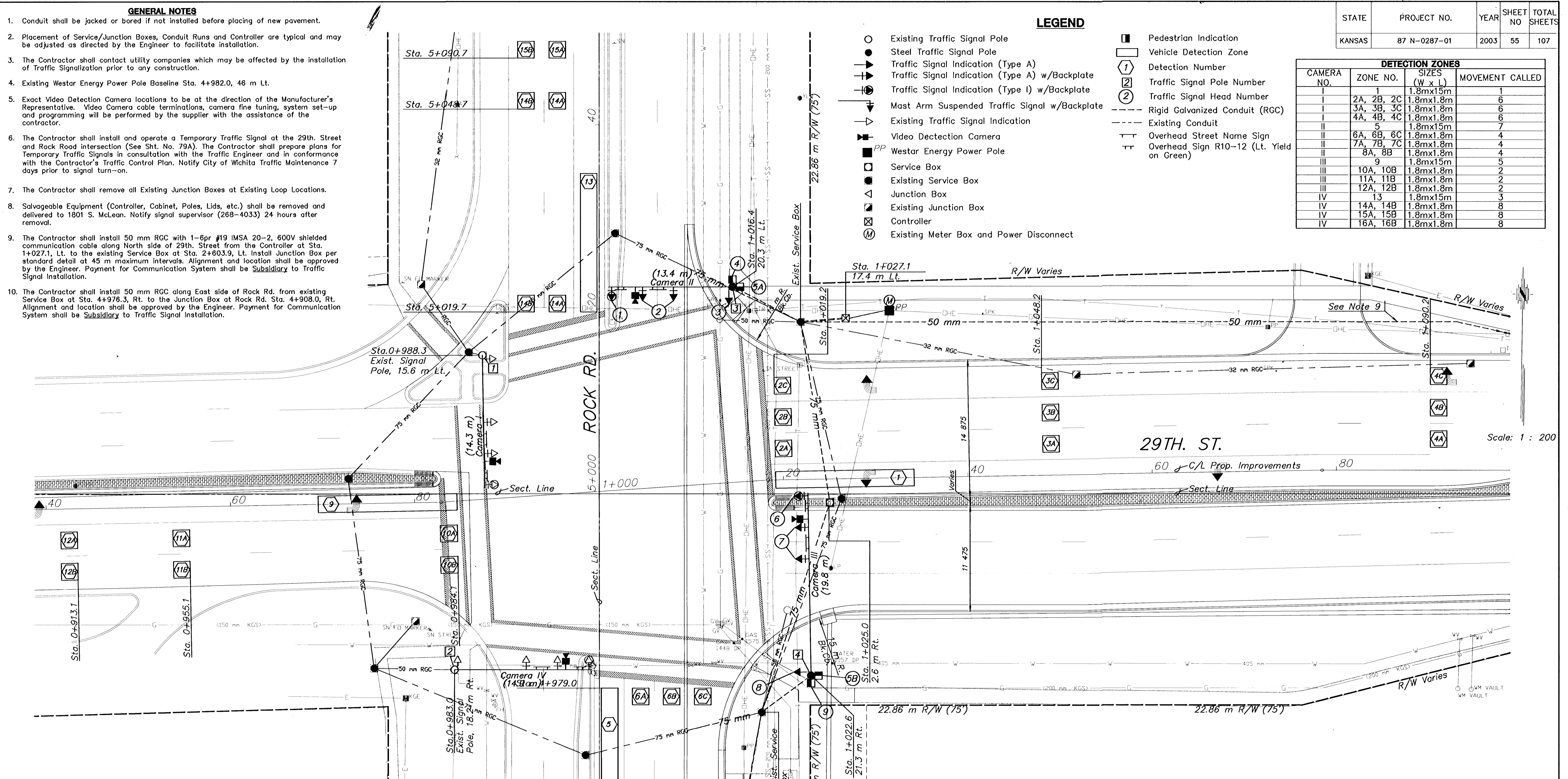
- Conduit shall be jacked or bored if not installed before placing of new pavement.
- Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.
- The Contractor shall contact utility companies which may be 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.

DATE	BY	REFERENCES NOTED	REFERENCES CHECKED

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
- ① Detection Number
- ② Traffic Signal Pole Number
- ② Traffic Signal Head Number
- Rigid Galvanized Conduit (RGC)
- - - Existing Conduit
- ⊞ Overhead Street Name Sign
- ⊞ Overhead Sign R10-12 (Lt. Yield on Green)

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
II	8A, 8B	1.8mx1.8m	4
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

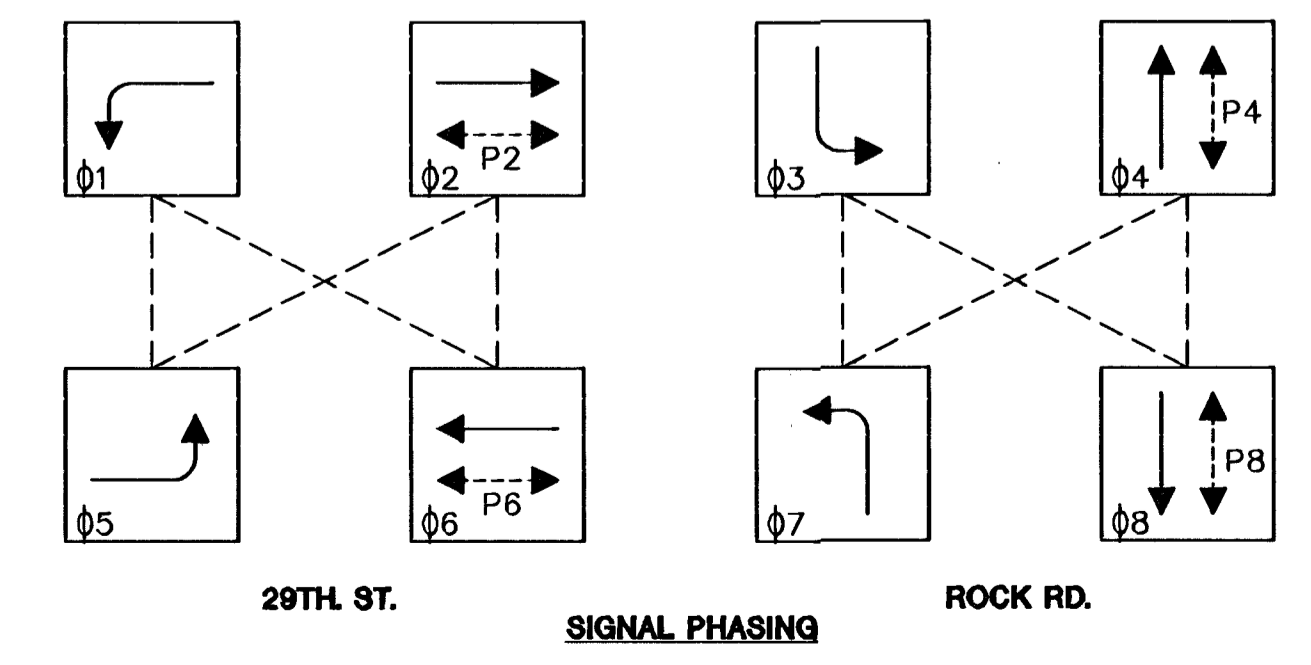


Scale: 1 : 200

TYPE 170 CONTROLLER SETTINGS

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

LTT-2 WB THRU Ø6 WITH Ø1 DETECTION



2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
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	