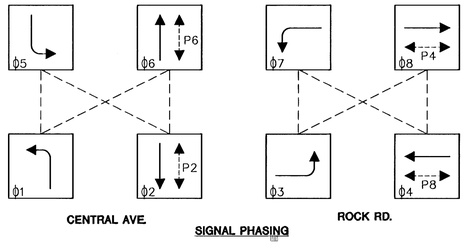
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0196-01	2001	30	55

DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED



SIGNAL PHASING

GENERAL NOTES

1. Conduit shall be jacked or bored if not installed before placing of new pavement.
2. Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.
3. The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.
4. KGE Power Pole Baseline Sta. 4+982.0, 46m Lt. Install Meter and Power Disconnect. See Power Pole Details.
5. 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.
6. The Contractor shall install and operate a Temporary Traffic Signal at the Central and Rock Road intersection (See Detail Sheet). The Contractor shall prepare plans for 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.
7. Install 50mm RGC for future Communication Cable to Sta. 4+763 (S) and Sta. 5+491 (N). Install Junction Box per standard detail at 50m maximum intervals. Alignment and location shall be approved by the Engineer. Payment shall be Subsidiary to Traffic Signal Installation.
8. See Signal Pole Details for additional Traffic Signal Structures requirement.
9. Salvageable Equipment (Controller, Cabinet, Poles, Lids, etc.) shall be removed and stockpiled. Notify signal supervisor (268-4033) within 24 hours after removal.
10. Install 50mm PVC Conduit with pull wire. Payment shall be subsidiary to Traffic Signalization. See additional notes on Signal Summary Sheet.

LEGEND

- Steel Traffic Signal Pole (Joint use)
- Steel Traffic Signal Pole (Std. Pole)
- Traffic Signal Indication (Type A)
- Mast Arm Suspended Traffic Signal
- Service Box
- Controller
- Pedestrian Indication
- Junction Box
- Vehicle Detection Zone
- ⟨1⟩ Detector Number
- Rigid Galvanized Conduit (RGC)
- Meter Box and Power Disconnect
- Overhead Street Name Sign
- Overhead Sign R10-10L or R10-12
- Video Detection Camera
- Wind Damper

DETECTION ZONES

CAMERA NO.	ZONE NO.	SIZES (W x L)	NO. OF TURNS	MOVEMENT CALLED
II	1A, 1B, 1C	1.8mx1.8m	4	4
II	2A, 2B	1.8mx15m	2-4-2	7
III	3A, 3B, 3C	1.8mx1.8m	4	2
III	4	1.8mx15m	2-4-2	5
IV	5A, 5B, 5C	1.8mx1.8m	4	8
IV	6A, 6B, 6C	1.8mx1.8m	4	8
IV	7A, 7B, 7C	1.8mx1.8m	4	8
IV	8A, 8B	1.8mx15m	2-4-2	3
I	9A, 9B	1.8mx1.8m	4	6
I	10	1.8mx15m	2-4-2	1

TYPE 170 CONTROLLER SETTINGS

INTERVAL		"WAPITI PROGRAM" PHASE 1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB
MAX	0	30	80	30	80	30	80	30	80
MAX 2	1	30	80	30	80	30	80	30	80
WALK	2		7		7		7		7
FL. DW.	3		30		25		30		25
MAX INIT.	4	6	10	6	10	6	10	6	10
MIN GREEN	5	5	8	5	8	5	8	5	8
TBR	6	1	15	1	15	1	15	1	15
TTR	7	1	25	1	25	1	25	1	25
	8								
PASSAGE	9								
MIN GAP	a								
ADD ACT	b								
YELLOW	c	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
RED CLR.	d	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
RED REV.	e								
WALK II	f								

NORMAL DISPLAY TIME CLOCK		FEATURES	1	2	3	4	5	6	7	8
0	YEAR	VEH RECALL				X				X
1	MONTH	PED RECALL								
2	DAY/MONTH	RED LOCK								
3	DAY/WEEK	YEL LOCK	X		X		X		X	
4	HOUR	Ø PERMIT	X	X	X	X	X	X	X	X
5	MINUTE	PED PHASES		X		X		X		X
6	SECOND	LEAD PHASES	X		X		X			
7		DBL ENTRY								
8		SEQUENTIAL								
9		START UP YEL								
a		OVERLAP A								
b		OVERLAP B								
c		OVERLAP C								
d		OVERLAP D								
e		EXCLUSIVE								
f		SIM GAP								

LTT-2 WB THRU Ø6 WITH Ø1 DETECTION

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

CENTRAL & ROCK INTERSECTION
CENTRAL & ROCK SIGNALIZATION PLAN

PROJ. NO. 87 N-0196-01 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	DCH	CHECKED BY:	DCH	
DRAWN BY:	DAG	DATE: FEB. 2001	SHEET 30 OF 55	

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