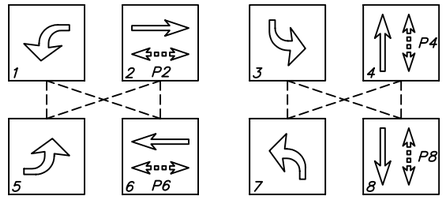
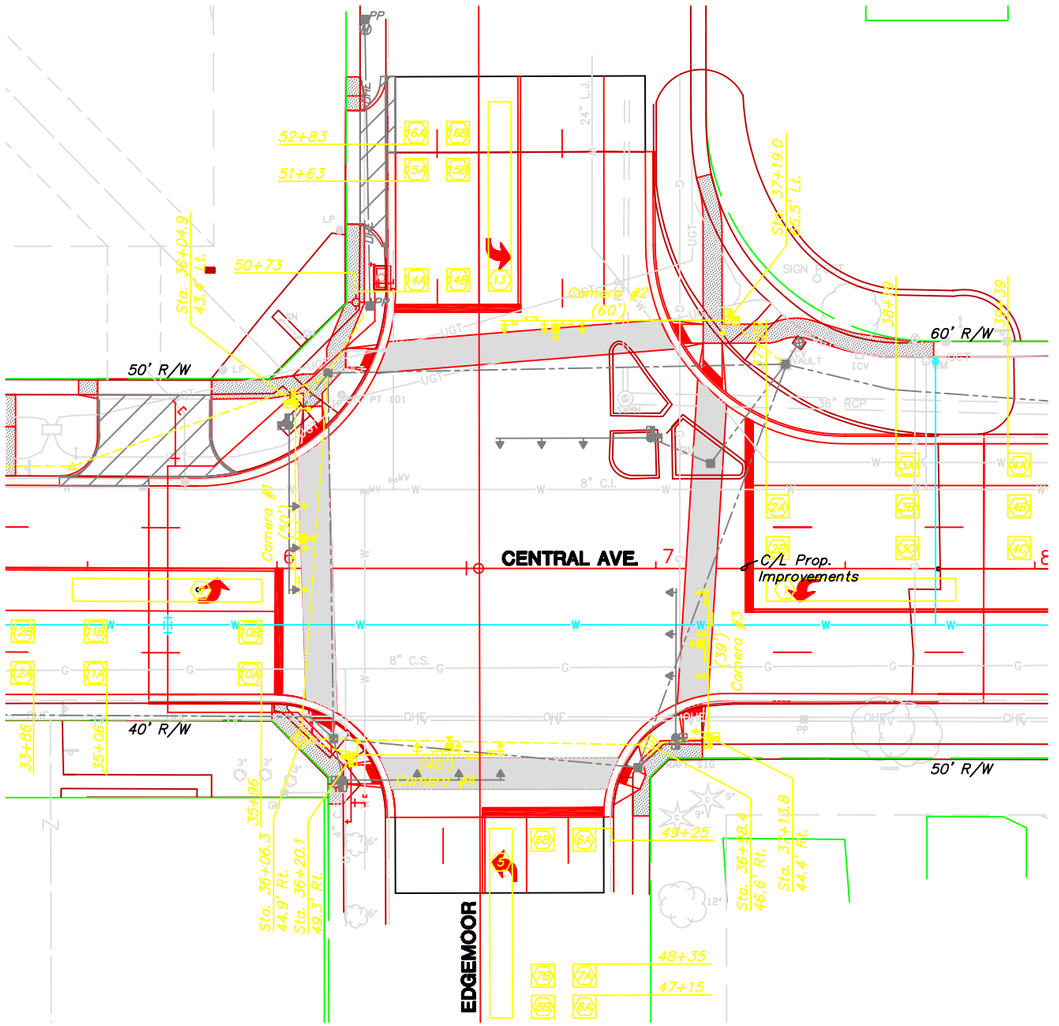
STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87N-0135-01	2005	88	137

CENTRAL AND EDGEMOOR DETECTION ZONES

STATION	CAMERA NO.	ZONE NO.	SIZE	MOVEMENT CALLED
Central				
37+29	1	1	6'x50'	1
37+29	1	2A, 2B	6'x6'	6
38+19	1	3A, 3B, 3C	6'x6'	6
39+39	1	4A, 4B, 4C	6'x6'	6
Edgemoor				
49+25	2	5	6'x50'	7
49+25	2	6A, 6B	6'x6'	4
48+35	2	7A, 7B	6'x6'	4
47+15	2	8A, 8B	6'x6'	4
Central				
35+96	3	9	6'x50'	5
35+96	3	10A, 10B	6'x6'	2
35+06	3	11A, 11B	6'x6'	2
33+86	3	12A, 12B	6'x6'	2
Edgemoor				
50+73	4	13	6'x50'	3
50+73	4	14A, 14B	6'x6'	8
51+63	4	15A, 15B	6'x6'	8
52+83	4	16A, 16B	6'x6'	8



SIGNAL PHASING



SCALE: 1"=20'
20 10 0 20

GENERAL NOTES

1. Conduit shall be jacked or bored if not installed before placing of new pavement.
2. Exact Video Detection Camera location to be at the direction of the Manufacturer's Representative. Video Camera cable terminations, camera fine tuning, system setup and programming will be performed by the supplier with the assistance of the contractor.

LEGEND

- Existing Traffic Signal Pole
- Existing Mast Arm w/Signals
- Existing Service Box
- Existing Controller
- Existing Pedestrian Signal
- Existing Junction Box
- Existing Conduit
- Existing Meter Box and Power Disconnect
- Steel Traffic Signal Pole (Joint use)
- Steel Traffic Signal Pole (Std. Pole)
- Traffic Signal Indication (Type A) w/Backplate
- Mast Arm Suspended Traffic Signal
- Video Detection Camera
- Service Box
- Pedestrian Indication
- Junction Box
- Vehicle Detection Zone
- (1) Detector Number
- Rigid Galvanized Conduit (RGC)
- PVC Conduit
- Overhead Street Name Sign
- Overhead Sign R10-10 (Lt. Turn Signal)
- Wind Damper
- PP Power Pole
- CX Video Coax Cable
- V3 Video Power Cable (#16 AWG 3/c)

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	0	8	0	8	0	8	0	8
FL. DW.	3	0	30	0	30	0	30	0	30
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	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0
MIN GAP	a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ADD ACT	b	1.0	2.5	1.0	2.5	1.0	2.5	1.0	2.5
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	0	0	0	0	0	0	0	0
WALK II	f	0	0	0	0	0	0	0	0

LTT-2

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		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								

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
CENTRAL AND EDGEMOOR INTERSECTION

PROJECT NO. 87N-0135-01 SEDGWICK CO.

M K E C ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	JRA	CHECKED BY:	
DRAWN BY:	WNJ	DATE: DEC 05	SHEET 88 OF 137

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