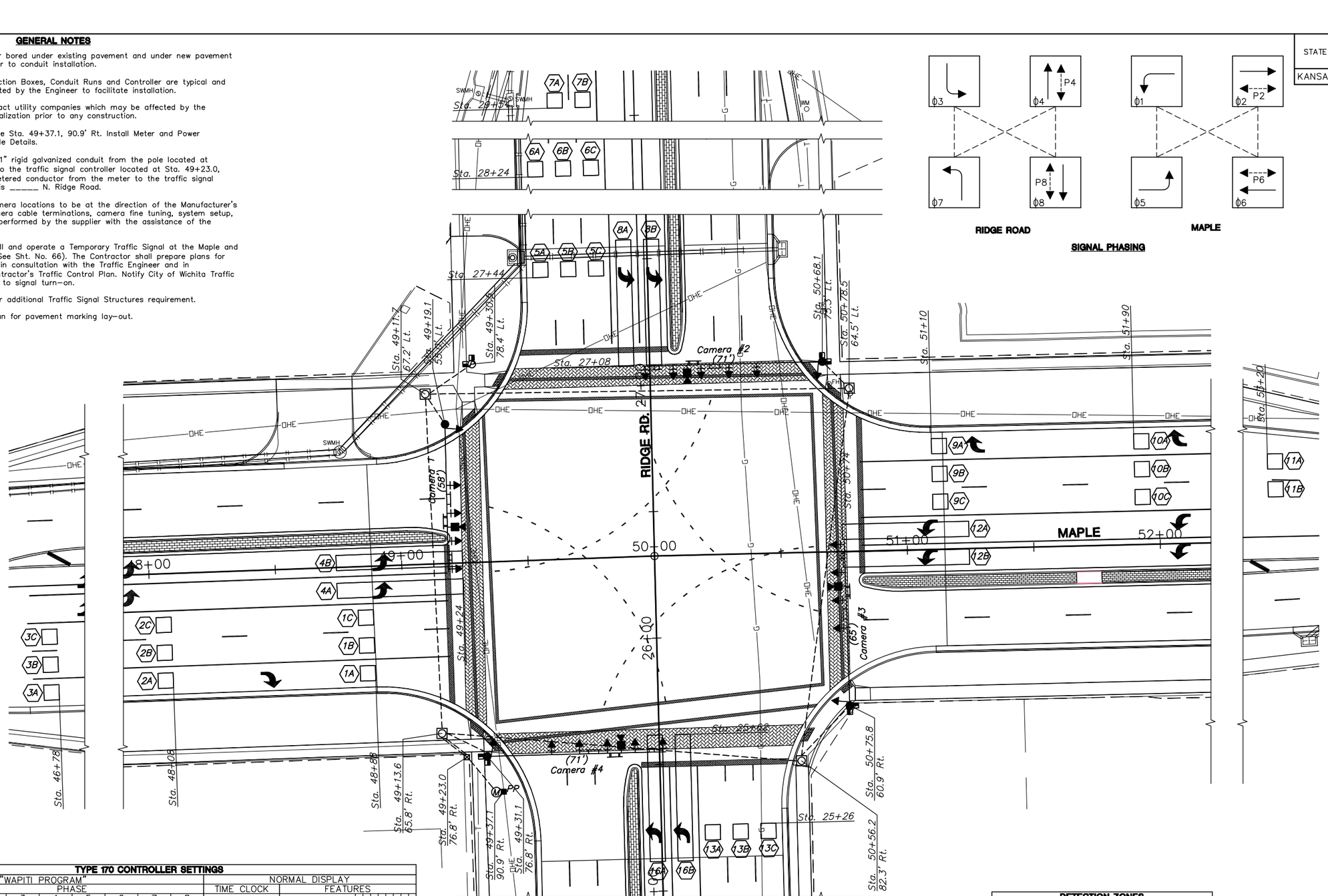
GENERAL NOTES

1. Conduit shall be jacked or bored under existing pavement and under new pavement that has been placed prior to conduit installation.
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. Westar Power Pole Baseline Sta. 49+37.1, 90.9' Rt. Install Meter and Power Disconnect. See Power Pole Details.
5. Contractor shall install a 1" rigid galvanized conduit from the pole located at Sta. 49+37.1, 90.9' Rt., to the traffic signal controller located at Sta. 49+23.0, 76.8' Lt., to carry the metered conductor from the meter to the traffic signal controller. Meter address is _____ N. Ridge Road.
6. Exact Video Detection Camera locations 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.
7. The Contractor shall install and operate a Temporary Traffic Signal at the Maple and Ridge Road intersection (See Sht. No. 66). 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.
8. See Signal Pole Details for additional Traffic Signal Structures requirement.
9. See Pavement Marking Plan for pavement marking lay-out.

STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0307-01	2006	49	89

LEGEND

- Steel Traffic Signal Pole (Joint use)
- Steel Traffic Signal Pole (Std. Pole)
- Pedestal Pole (10')
- Traffic Signal Indication w/Backplate
- Mast Arm Suspended Traffic Signal
- Video Detection Camera
- Service Box
- Controller
- Pedestrian Indication
- Junction Box
- Vehicle Detection Zone
- (7) Detector Number
- Rigid Galvanized Conduit (RGC)
- PVC Conduit
- (M) Meter Box and Power Disconnect
- Overhead Street Name Sign
- Overhead Sign R10-10 (Lt. Turn Signal)
- Wind Damper



TYPE 170 CONTROLLER SETTINGS

"WAPITI PROGRAM"

INTERVAL		1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB
		PHASE							
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

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								

LTT-2 WB THRU ø6 WITH ø1 DETECTION

DETECTION ZONES

CAMERA NO.	ZONE NO.	SIZES (W x L)	MOVEMENT CALLED
1	12A, 12B	6 x 50	1
1	9A, 9B, 9C	6 x 6	6
1	10A, 10B, 10C	6 x 6	6
1	11A, 11B, 11C	6 x 6	6
2	16A, 16B	6 x 50	7
2	13A, 13B, 13C	6 x 6	4
2	14A, 14B, 14C	6 x 6	4
2	15A, 15B, 15C	6 x 6	4
3	4A, 4B	6 x 50	5
3	1A, 1B, 1C	6 x 6	2
3	2A, 2B, 2C	6 x 6	2
3	3A, 3B, 3C	6 x 6	2
4	8A, 8B	6 x 50	3
4	5A, 5B, 5C	6 x 6	8
4	6A, 6B, 6C	6 x 6	8
4	7A, 7B, 7C	6 x 6	8

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KANSAS DEPARTMENT OF TRANSPORTATION

MAPLE AND RIDGE RAOD INTERSECTION SIGNAL PLAN

PROJECT NO. 87 N-0307-01 SEDGWICK CO.

M K E C ENGINEERING CONSULTANTS, INC.

WICHITA, KANSAS

DESIGNED BY:	LAC	CHECKED BY:	JRA
DRAWN BY:	WNJ	DATE: JULY 2005	SHEET 49 OF 89