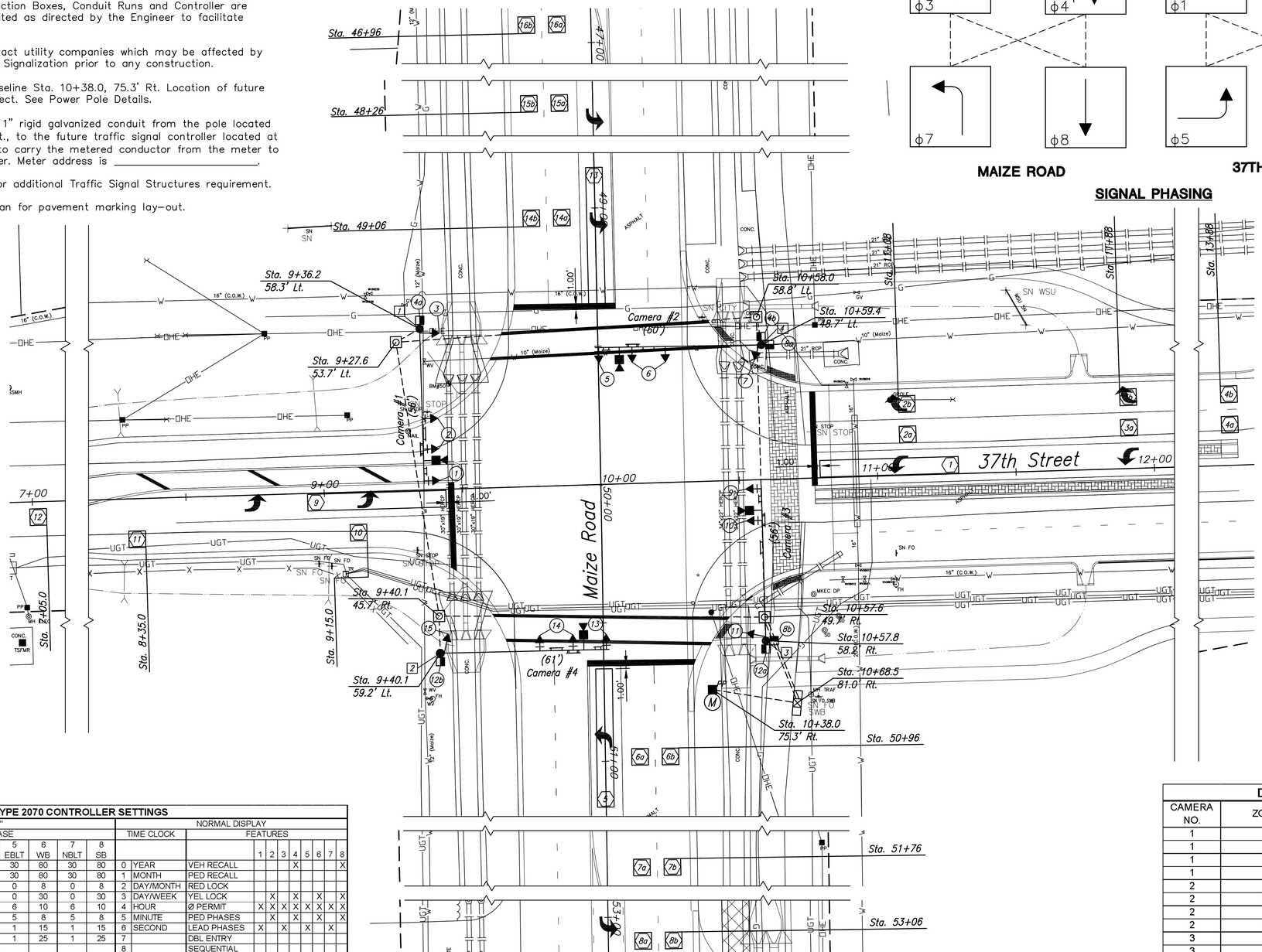
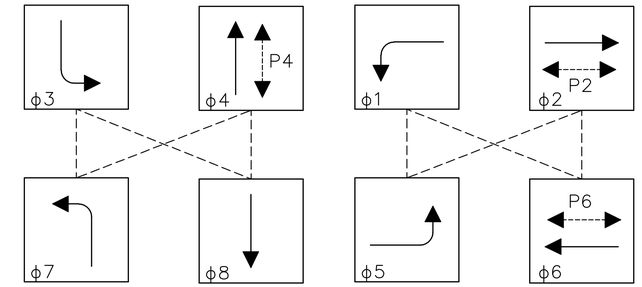
GENERAL NOTES

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 at Baseline Sta. 10+38.0, 75.3' Rt. Location of future Meter and Power Disconnect. See Power Pole Details.
5. Contractor shall install a 1" rigid galvanized conduit from the pole located at Sta. 10+38.0, 75.3' Rt., to the future traffic signal controller located at Sta. 10+68.5, 81.0' Rt., to carry the metered conductor from the meter to the traffic signal controller. Meter address is _____.
6. See Signal Pole Details for additional Traffic Signal Structures requirement.
7. See Pavement Marking Plan for pavement marking lay-out.





SIGNAL PHASING

LEGEND

- 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
- Controller
- Pedestrian Indication
- Vehicle Detection Zone
- Detection Number
- Rigid Galvanized Conduit (RGC)
- PVC Conduit
- Meter Box and Power Disconnect
- Overhead Street Name Sign
- Overhead Sign R10-10 (Lt. Turn Signal)
- Wind Damper
- PP Power Pole

TYPE 2070 CONTROLLER SETTINGS

INTERVAL		"WAPITI PROGRAM" PHASE 1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB	TIME CLOCK		NORMAL DISPLAY FEATURES	1	2	3	4	5	6	7	8
MAX	0	30	80	30	80	30	80	30	80	0	YEAR	VEH RECALL				X				X
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	30	0	30	0	30	0	30	3	DAY/WEEK	YEL LOCK		X		X		X		X
MAX INIT.	4	6	10	6	10	6	10	6	10	4	HOUR	Ø PERMIT	X	X	X	X	X	X	X	X
MIN GREEN	5	5	8	5	8	5	8	5	8	5	MINUTE	PED PHASES		X		X		X		X
TBR	6	1	15	1	15	1	15	1	15	6	SECOND	LEAD PHASES	X		X		X		X	
TTR	7	1	25	1	25	1	25	1	25	7		DBL ENTRY								
	8									8		SEQUENTIAL								
PASSAGE	9	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	9		START UP YEL								
MIN GAP	a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	a		OVERLAP A								
ADD ACT	b	1.0	2.5	1.0	2.5	1.0	2.5	1.0	2.5	b		OVERLAP B								
YELLOW	c	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	c		OVERLAP C								
RED CLR.	d	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	d		OVERLAP D								
RED REV.	e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	e		EXCLUSIVE								
WALK II	f	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	f		SIM GAP								

LTT-2

DETECTION ZONES

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

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

37TH STREET IMPROVEMENTS FROM MAIZE ROAD TO TYLER ROAD

TRAFFIC SIGNAL PLAN

SHEET TITLE

472-84693
PROJECT NUMBER

DESIGN BY

DRAWN BY

CHECKED BY

ISSUED
March 24, 2009

REVISED

SHEET NO.
80 of 133

J:\Civil\08137\DWG\Signal\08137Sig01

PLOTTED: Tuesday, March 24, 2009 @ 03:21PM