GENERAL NOTES

Conduit shall be jacked or bored if not installed before placing of new pavement. under existing pavement and under new pavement that has been placed prior to conduit installation.

Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.

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.

The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.

Westar Power Pole at Baseline Sta. 50+73.33, 68.9' Rt. Location of future Meter and Power Disconnect. See Power Pole Details.

Contractor shall install a 1" rigid galvanized conduit from the pole located at Sta. 50+73.33, 68.9' Lt., to the future traffic signal controller located at Sta. 50+76.32, 45.2' Rt., to carry the metered conductor from the meter to the traffic signal controller. Meter address is XXXXXX.

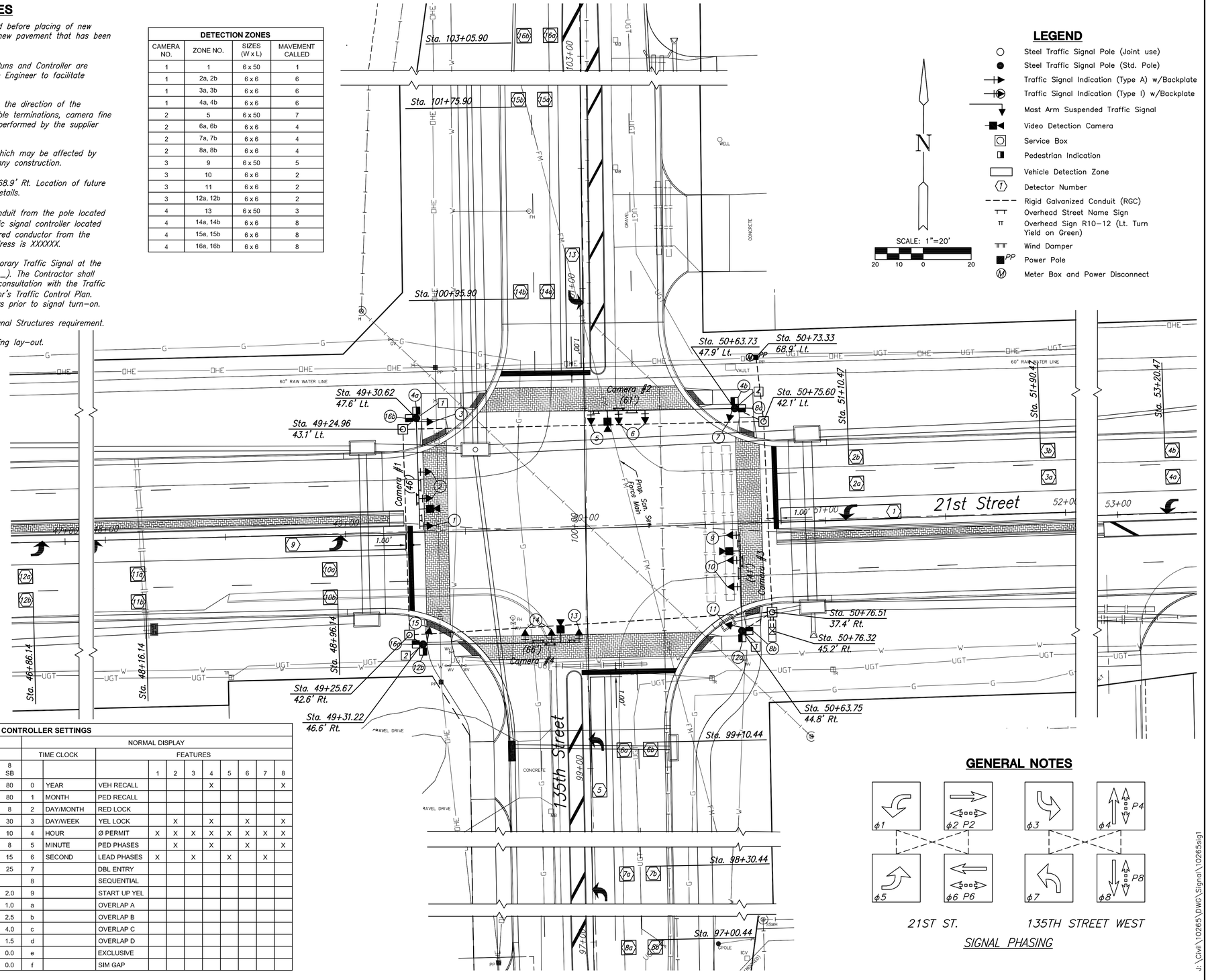
The Contractor shall install and operate a Temporary Traffic Signal at the 17th St. and Grove intersection (See Sht. No. ___). The Contractor shall prepare plans for Temporary Traffic Signals in consultation with the Traffic Engineer and in conformance with the Contractor's Traffic Control Plan. Notify City of Wichita Traffic Maintenance 7–days prior to signal turn–on.

See Signal Pole Details for additional Traffic Signal Structures requirement.

See Pavement Marking Plan for pavement marking lay–out.

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	12a, 12b	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



LEGEND

- Steel Traffic Signal Pole (Joint use)
- Steel Traffic Signal Pole (Std. Pole)
- Traffic Signal Indication (Type A) w/Backplate
- Traffic Signal Indication (Type I) w/Backplate
- Mast Arm Suspended Traffic Signal
- Video Detection Camera
- Service Box
- Pedestrian Indication
- Vehicle Detection Zone
- Detector Number
- Rigid Galvanized Conduit (RGC)
- Overhead Street Name Sign
- Overhead Sign R10–12 (Lt. Turn Yield on Green)
- Wind Damper
- Power Pole
- Meter Box and Power Disconnect

TYPE 2070 CONTROLLER SETTINGS

"WAPITI PROGRAM"												NORMAL DISPLAY								
INTERVAL		PHASE								TIME CLOCK			FEATURES							
		1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB				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

GENERAL NOTES

21ST ST. 135TH STREET WEST

SIGNAL PHASING

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

JAY ANDREW LEWIS LICENSED PROFESSIONAL ENGINEER

STREET IMPROVEMENTS FOR 135th Street West from 13th Street to 21st Street North

TRAFFIC SIGNAL PLAN

SHEET TITLE

MKEC PROJ #10265

PROJECT NUMBER

JRA — DESIGN BY

JSB — DRAWN BY

JRA — CHECKED BY

ISSUED: February 2012

REVISED

SHEET NO. 134 of 231

J:\Civil\10265\DWG\Signal\10265sig1

PLOTTED: Thursday, February 16, 2012 @ 11:25AM