

**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. 75+54.0, 42.5' 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. 75+54.0, 42.5' Rt., to the future traffic signal controller located at Sta. 75+75.7, 42.3' 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.

STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0349-01	2009	82	133

**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
- ① Detector Number
- Rigid Galvanized Conduit (RGC)
- TT Overhead Street Name Sign
- TT Overhead Sign R10-12 (Lt. Turn Yield on Green)
- TT Wind Damper
- PP Power Pole
- Ⓜ Meter Box and Power Disconnect

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

**17th STREET  
FROM GROVE TO HILLSIDE**

**17th St. and  
Hillside Ave.  
Traffic Signal  
Plan**

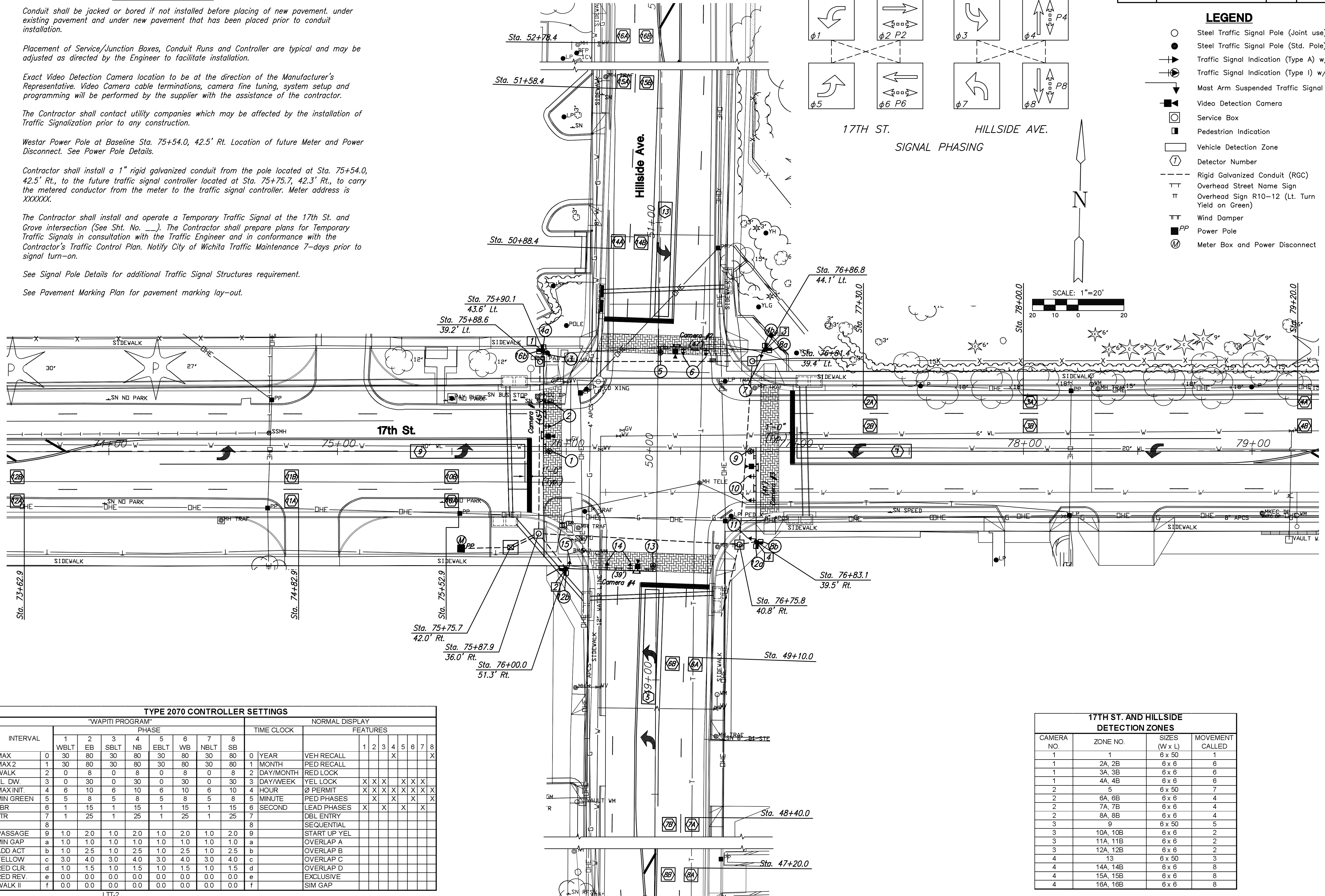
SHEET TITLE  
87 N-0349-01  
PROJECT NUMBER

JRA  
DESIGN BY  
JSB  
DRAWN BY  
JRA  
CHECKED BY

ISSUED  
May 28, 2009

REVISED

SHEET NO.  
82 of 133



**TYPE 2070 CONTROLLER SETTINGS**

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

LTT-2

**17TH ST. AND HILLSIDE  
DETECTION ZONES**

CAMERA NO.	ZONE NO.	SIZES (W x L)	MOVEMENT 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	10A, 10B	6 x 6	2
3	11A, 11B	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

PLOTTED: Thursday, May 28, 2009 @ 10:46AM

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