

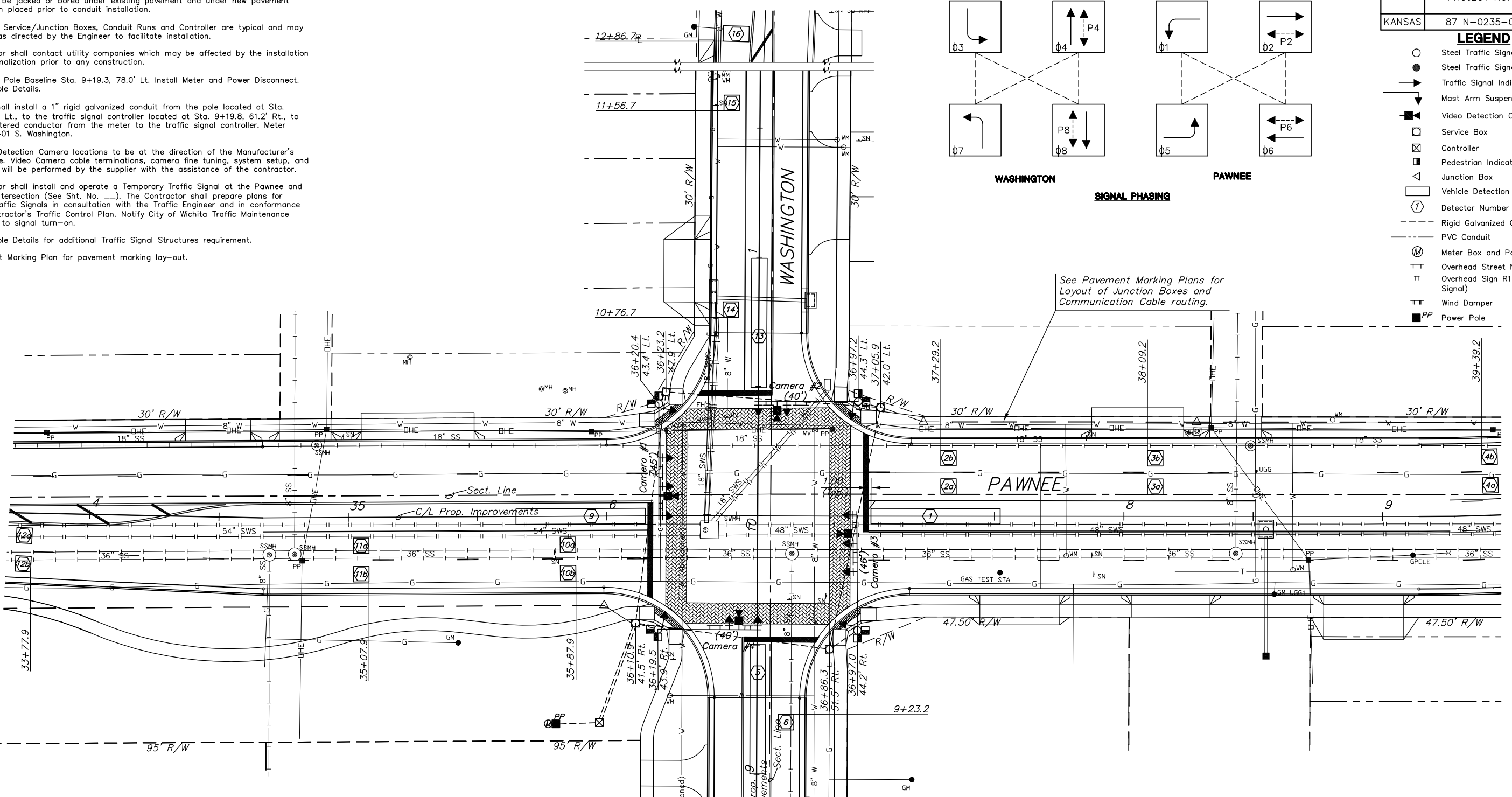
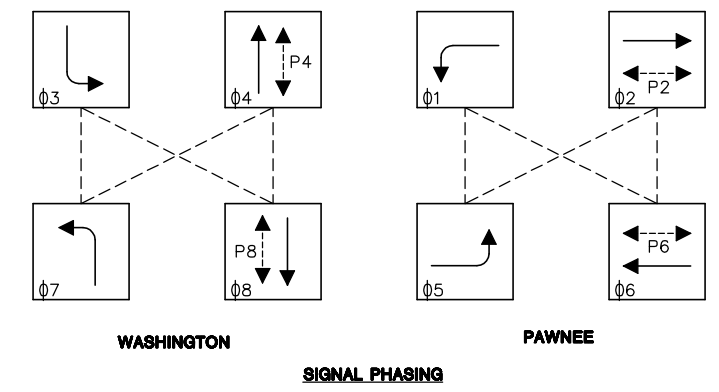
GENERAL NOTES

- Conduit shall be jacked or bored 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.
- The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.
- Westar Power Pole Baseline Sta. 9+19.3, 78.0' Lt. Install Meter and Power Disconnect. See Power Pole Details.
- Contractor shall install a 1" rigid galvanized conduit from the pole located at Sta. 9+19.3, 78.0' Lt., to the traffic signal controller located at Sta. 9+19.8, 61.2' Rt., to carry the metered conductor from the meter to the traffic signal controller. Meter address is 2401 S. Washington.
- 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.
- The Contractor shall install and operate a Temporary Traffic Signal at the Pawnee and Washington 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-0235-01	2006	73	120

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
- ⊡ Junction Box
- ▭ Vehicle Detection Zone
- ⑦ Detector Number
- Rigid Galvanized Conduit (RGC)
- - - PVC Conduit
- Ⓜ Meter Box and Power Disconnect
- TT Overhead Street Name Sign
- TT Overhead Sign R10-10 (Lt. Turn Signal)
- TT Wind Damper
- PP Power Pole



Scale: 1"=20'

TYPE 170 CONTROLLER SETTINGS											
INTERVAL	"WAPITI PROGRAM" PHASE								NORMAL DISPLAY FEATURES		
	1	2	3	4	5	6	7	8	TIME CLOCK	FEATURES	
MAX	0	30	80	30	80	30	80	30	80	0 YEAR	VEH RECALL
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
MAX INIT.	4	6	10	6	10	6	10	6	10	4 HOUR	Ø PERMIT
MIN GREEN	5	5	8	5	8	5	8	5	8	5 MINUTE	PED PHASES
TBR	6	1	15	1	15	1	15	1	15	6 SECOND	LEAD PHASES
TTR	7	1	25	1	25	1	25	1	25	7	DBL ENTRY
PASSAGE	9	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	8	SEQUENTIAL
MIN GAP	a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9	START UP YEL
ADD ACT	b	1.0	2.5	1.0	2.5	1.0	2.5	1.0	2.5	a	OVERLAP A
YELLOW	c	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	b	OVERLAP B
RED CLR.	d	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	c	OVERLAP C
RED REV.	e	0	0	0	0	0	0	0	0	d	OVERLAP D
WALK II	f	0	0	0	0	0	0	0	0	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	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	6	6 x 6	4
2	7	6 x 6	4
2	8	6 x 8	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	14	6 x 6	8
4	15	6 x 6	8
4	16	6 x 10	8

KANSAS DEPARTMENT OF TRANSPORTATION
PAWNEE IMPROVEMENTS
PAWNEE & WASHINGTON INTERSECTION
SIGNAL PLAN
 PROJECT NO. _____ SEDGWICK CO.
M K E C ENGINEERING CONSULTANTS, INC.
 WICHITA, KANSAS

DESIGNED BY: JRA	CHECKED BY: JRA
DRAWN BY: WNJ	DATE: JULY 2004 SHEET 73 OF 120