

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. 12+03.38, 69.0' Rt. Install Meter and Power Disconnect. See Power Pole Details.
- Contractor shall install a 1" rigid galvanized conduit from the pole located at Sta. 11+51.53, 69.0' Rt., 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 1568 S. Oliver.
- 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 Oliver and Harry Intersection (See Sht. No. 121). 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.

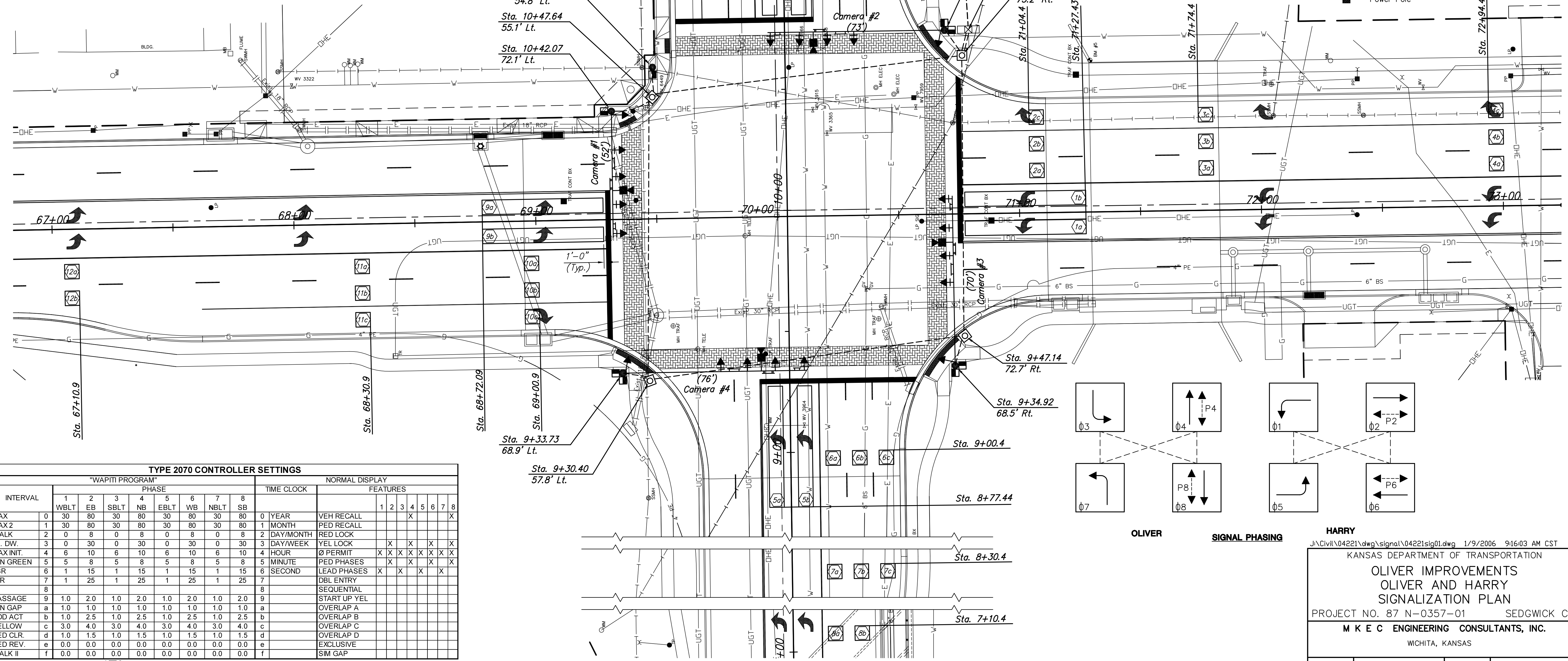
DETECTION ZONES			
CAMERA NO.	ZONE NO.	SIZES (W x L)	MOVEMENT CALLED
1	1a, 1b	6 x 50	1
1	2a, 2b, 2c	6 x 6	6
1	3a, 3b, 3c	6 x 6	6
1	4a, 4b, 4c	6 x 6	6
2	5a, 5b	6 x 50	7
2	6a, 6b, 6c	6 x 6	4
2	7a, 7b, 7c	6 x 6	4
2	8a, 8b	6 x 6	4
3	9a, 9b	6 x 50	5
3	10a, 10b, 10c	6 x 6	2
3	11a, 11b, 11c	6 x 6	2
3	12a, 12b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

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0357-01	2008	117	185

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
- ① 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

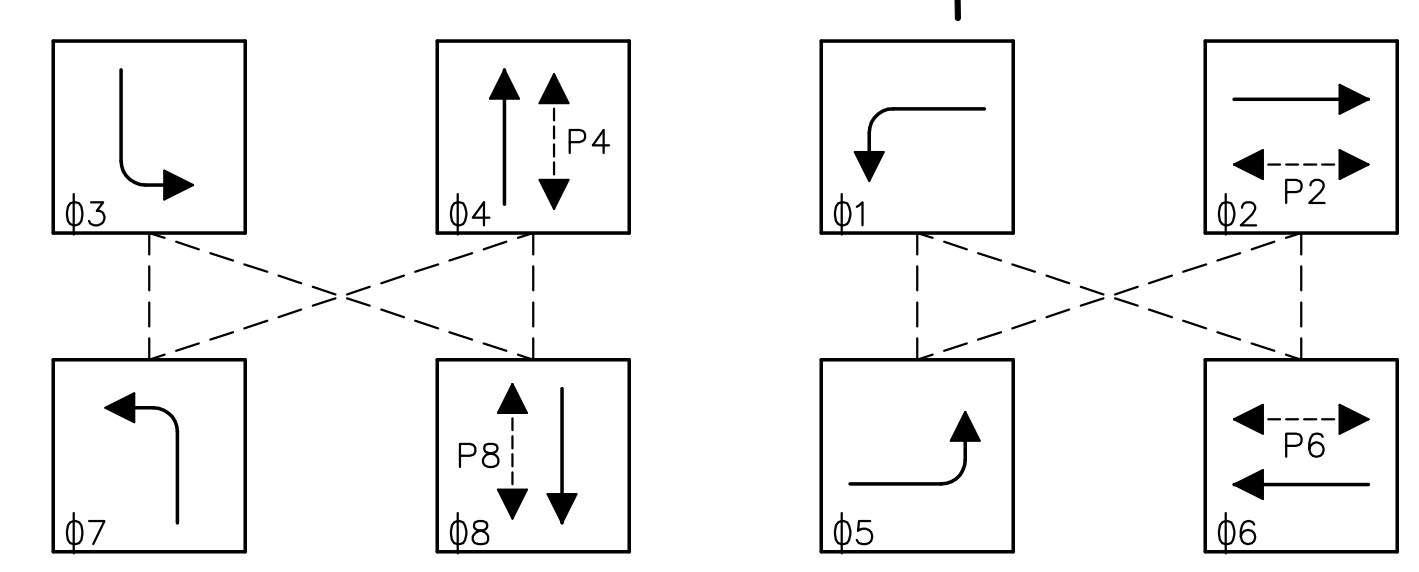
Scale: 1"=20'



TYPE 2070 CONTROLLER SETTINGS

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

LTT-2



OLIVER SIGNAL PHASING HARRY

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 KANSAS DEPARTMENT OF TRANSPORTATION
OLIVER IMPROVEMENTS
OLIVER AND HARRY
SIGNALIZATION PLAN
 PROJECT NO. 87 N-0357-01 SEDGWICK CO.
M K E C ENGINEERING CONSULTANTS, INC.
 WICHITA, KANSAS

DESIGNED BY: LAC	CHECKED BY: JRA
DRAWN BY: WJN	DATE: 10/01/05 SHEET 117 OF 185