STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0357-01	2008	119	185

GENERAL NOTES

1. The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.
2. 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.

OLIVER LINCOLN

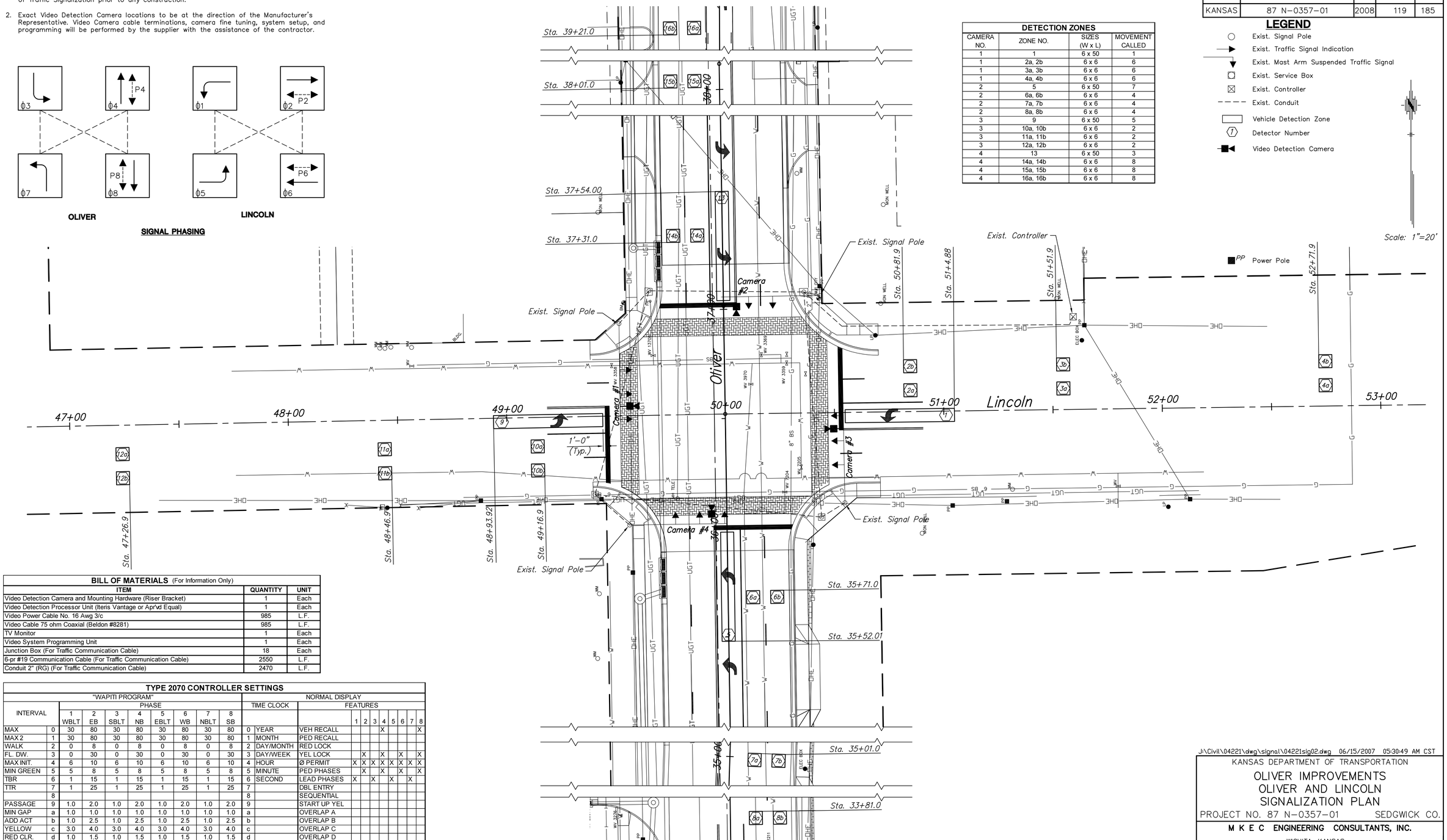
SIGNAL PHASING

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

LEGEND

- Exist. Signal Pole
- Exist. Traffic Signal Indication
- Exist. Mast Arm Suspended Traffic Signal
- Exist. Service Box
- Exist. Controller
- Exist. Conduit
- Vehicle Detection Zone
- Detector Number
- Video Detection Camera

Scale: 1"=20'



BILL OF MATERIALS (For Information Only)

ITEM	QUANTITY	UNIT
Video Detection Camera and Mounting Hardware (Riser Bracket)	1	Each
Video Detection Processor Unit (Iteris Vantage or Apr'vd Equal)	1	Each
Video Power Cable No. 16 Awg 3/c	985	L.F.
Video Cable 75 ohm Coaxial (Beldon #8281)	985	L.F.
TV Monitor	1	Each
Video System Programming Unit	1	Each
Junction Box (For Traffic Communication Cable)	18	Each
6-pr #19 Communication Cable (For Traffic Communication Cable)	2550	L.F.
Conduit 2" (RG) (For Traffic Communication Cable)	2470	L.F.

TYPE 2070 CONTROLLER SETTINGS

"WAPITI PROGRAM"

INTERVAL		PHASE 1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB
MAX	0	30	80	30	80	30	80	30	80
MAX 2	1	30	80	30	80	30	80	30	80
WALK	2	0	8	0	8	0	8	0	8
FL. DW.	3	0	30	0	30	0	30	0	30
MAX INIT.	4	6	10	6	10	6	10	6	10
MIN GREEN	5	5	8	5	8	5	8	5	8
TBR	6	1	15	1	15	1	15	1	15
TTR	7	1	25	1	25	1	25	1	25
	8								
PASSAGE	9	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0
MIN GAP	a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ADD ACT	b	1.0	2.5	1.0	2.5	1.0	2.5	1.0	2.5
YELLOW	c	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
RED CLR.	d	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
RED REV.	e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WALK II	f	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TIME CLOCK		NORMAL DISPLAY FEATURES	1	2	3	4	5	6	7	8
0	YEAR	VEH RECALL				X				X
1	MONTH	PED RECALL								
2	DAY/MONTH	RED LOCK								
3	DAY/WEEK	YEL LOCK		X		X			X		X
4	HOUR	Ø PERMIT	X	X	X	X	X	X	X	X
5	MINUTE	PED PHASES		X		X			X		X
6	SECOND	LEAD PHASES	X		X		X			X	
7		DBL ENTRY									
8		SEQUENTIAL									
9		START UP YEL									
a		OVERLAP A									
b		OVERLAP B									
c		OVERLAP C									
d		OVERLAP D									
e		EXCLUSIVE									
f		SIM GAP									

LTT-2

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KANSAS DEPARTMENT OF TRANSPORTATION

OLIVER IMPROVEMENTS OLIVER AND LINCOLN 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:	WNJ	DATE: 10/01/05	SHEET 119 OF 185