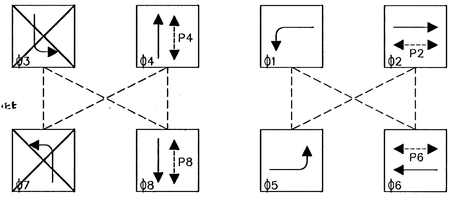
GENERAL NOTES

1. Conduit shall be jacked or bored.
2. Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.
3. The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.
4. Contractor shall install a 1-1/2" rigid galvanized conduit from the pole located at Sta. 10+33, 55' left, to the traffic signal controller located at Sta. 9+54, 57' left, to carry the metered conductor from the meter to the traffic signal controller. Meter address is 11420 E. 13th St
5. Exact Video Detection Camera locations to be at the direction of the Manufacturer's Representative. Video Camera cable terminations, camera fine tuning, system set-up, and programming will be performed by the supplier with the assistance of the contractor.
6. See Signal Pole Details for additional Traffic Signal Structures requirement.

N

SCALE: 1"=20'
20 10 0 20

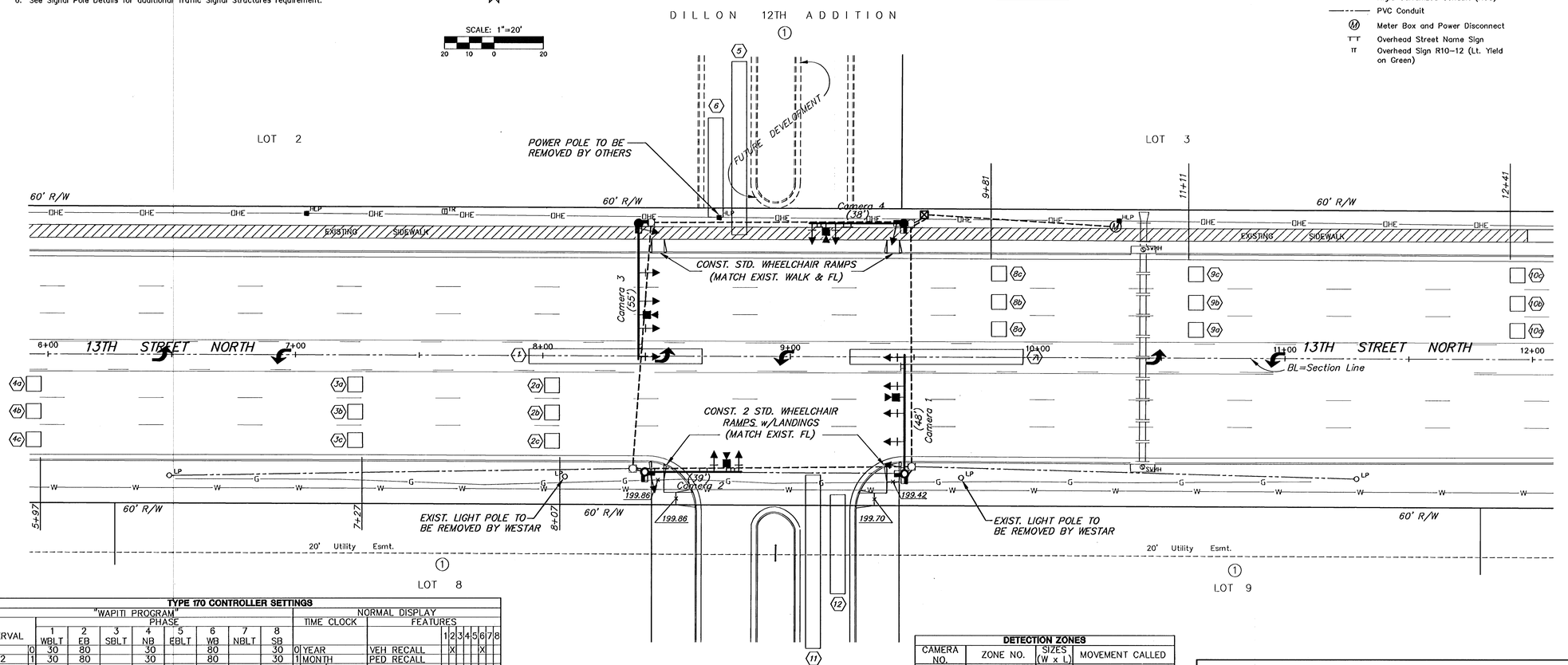


GATEWAY CENTER 13th STREET

SIGNAL PHASING

LEGEND

- Steel Traffic Signal Pole (Joint use)
- Steel Traffic Signal Pole (Std. Pole)
- Pedestal Pole (15' Aluminum)
- Traffic Signal Indication (Type A) w/Back Plate
- Mast Arm Suspended Traffic Signal
- Video Detection Camera
- Service Box
- Controller
- Pedestrian Indication
- Junction Box
- Vehicle Detection Zone
- Detector Number
- Rigid Galvanized Conduit (RGC)
- PVC Conduit
- Meter Box and Power Disconnect
- Overhead Street Name Sign
- Overhead Sign R10-12 (Lt. Yield on Green)



TYPE 170 CONTROLLER SETTINGS

"WAPITI PROGRAM"

INTERVAL		1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB
		PHASE							
MAX	0	30	80		30		80		30
MAX 2	1	30	80		30		80		30
WALK	2		8		8		8		8
FL. DW.	3		20		25		20		25
MAX INIT.	4	6	10		6		10		6
MIN GREEN	5	5	8		5		8		5
TBR	6	1	15		1		15		1.0
TIR	7	1	25		1		25		1.0
	8								
PASSAGE	9	1.0	2.0		1.0		2.0		1.0
MIN GAP	a	1.0	2.0		1.0		2.0		1.0
ADD ACT	b	1.0	2.0		1.0		2.0		1.0
YELLOW	c	3.0	4.0		3.0		4.0		3.0
RED CLR.	d	1.0	2.0		1.5		2.0		1.5
RED REV.	e								
WALK II	f								

NORMAL DISPLAY

TIME CLOCK		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
5	MINUTE	PED PHASES		X						
6	SECOND	LEAD PHASES	X		X		X		X	
7		DBL ENTRY								
8		SEQUENTIAL								
9		START UP YEL				X				X
a		OVERLAP A								
b		OVERLAP B								
c		OVERLAP C								
d		OVERLAP D								
e		EXCLUSIVE								
f		SIM GAP								

LTT-2 WB THRU ø6 WITH ø1 DETECTION

MISCELLANEOUS CONSTRUCTION ITEMS

ITEM	UNIT	QUANTITY
STD. WHEELCHAIR RAMPS	EA.	2
STD. WHEELCHAIR RAMPS/w LANDING	EA.	4

COST OF ALL ABOVE ITEMS SUBSIDIARY TO CONSTRUCTION

DETECTION ZONES

CAMERA NO.	ZONE NO.	SIZES (W x L)	MOVEMENT CALLED
1	1	6x70	5
1	2a, 2b, 2c	6x6	2
1	3a, 3b, 3c	6x6	2
1	4a, 4b, 4c	6x6	2
2	5	6x70	8
2	6	6x40	8
3	7	6x70	1
3	8a, 8b, 8c	6x6	6
3	9a, 9b, 9c	6x6	6
3	10a, 10b, 10c	6x6	6
4	11	6x70	4
4	12	6x40	4

C:\DWG\981SBG\DWG\PLAN\SIGNAL\981SBSG1

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

GATEWAY CENTER ADDITION
PROJECT NAME

SIGNAL PLAN
SHEET TITLE

DFL	KKL	GJA
DESIGN BY:	DRAWN BY:	CHECKED BY:
APRIL 2004	981SBSG1	2 / 8
DATE	JOB NO.	SHEET/OF