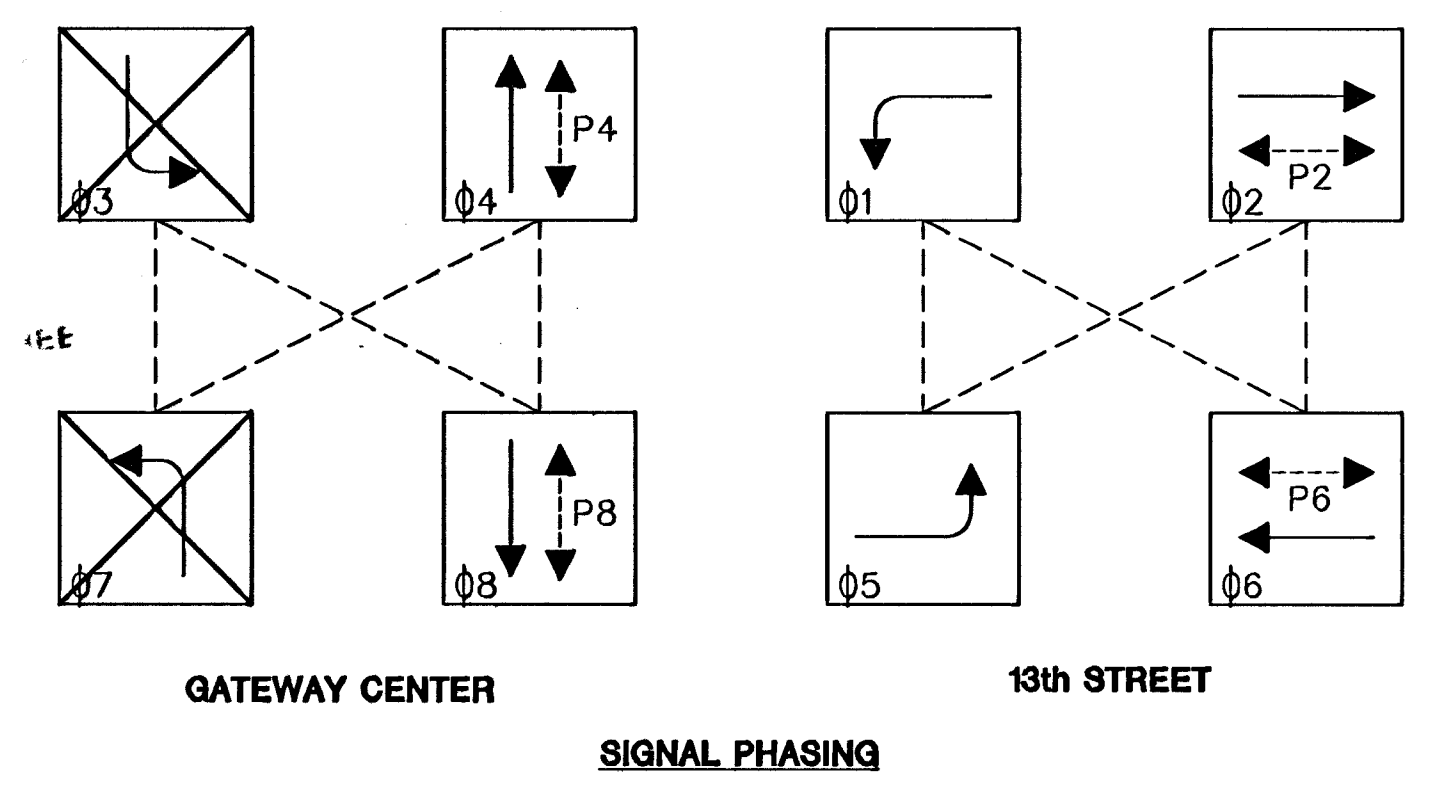
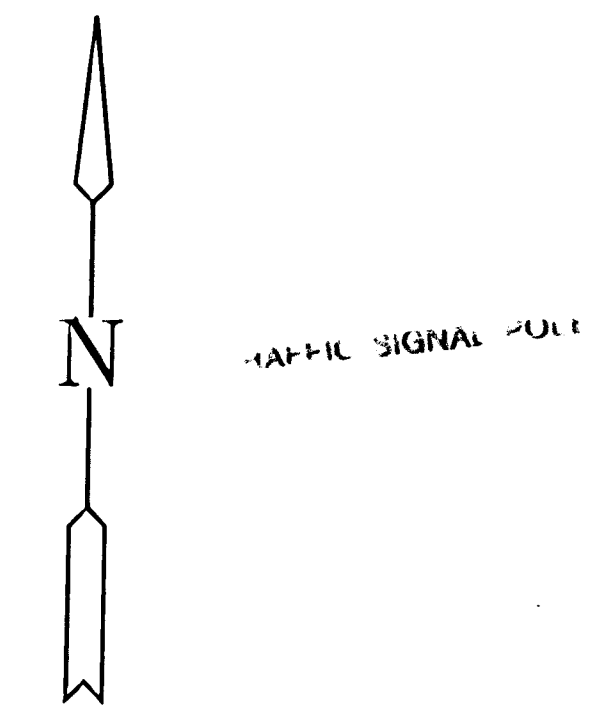
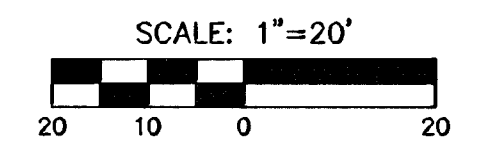
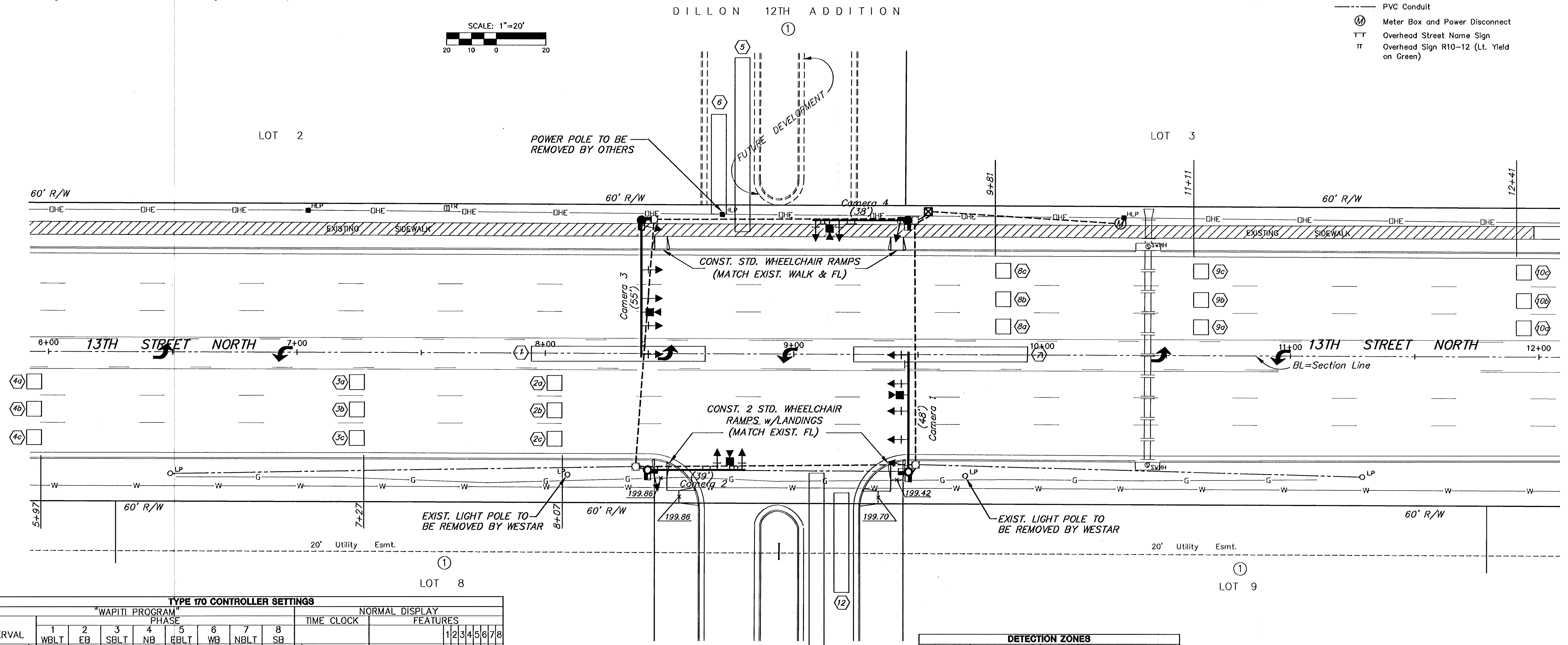


- GENERAL NOTES**
1. Conduit shall be jacked or bored.
 2. Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.
 3. The Contractor shall contact utility companies which may be affected by the installation 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.



- 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
 - ⑦ Detector Number
 - Rigid Galvanized Conduit (RGC)
 - PVC Conduit
 - Ⓜ Meter Box and Power Disconnect
 - TT Overhead Street Name Sign
 - TT Overhead Sign R10-12 (Lt. Yield on Green)



TYPE 170 CONTROLLER SETTINGS																		
"WAPITI PROGRAM"									NORMAL DISPLAY									
INTERVAL	PHASE								TIME	CLOCK	FEATURES							
	1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8
MAX	0	30	EB						0	YEAR	VEH	RECALL	X				X	
MAX 2	1	30	80						1	MONTH	PED	RECALL						
WALK	2		8						2	DAY/MONTH	RED	LOCK						
FL. DW.	3		20						3	DAY/WEEK	YEL	LOCK	X		X	X	X	
MAX INIT.	4	6	10						4	HOUR	Ø	PERMIT	X	X	X	X	X	
MIN GREEN	5	5	8						5	MINUTE	PED	PHASES		X				
TBR	6	1	15						6	SECOND	LEAD	PHASES	X	X	X	X	X	
TTR	7	1	25						7		DBL	ENTRY						
PASSAGE	8								8		SEQUENTIAL							
MIN GAP	a	1.0	2.0						a		START	UP	YEL			X		X
ADD ACT	b	1.0	2.0						b		OVERLAP	A						
YELLOW	c	3.0	4.0						c		OVERLAP	B						
RED CLR.	d	1.0	2.0						d		OVERLAP	C						
RED REV.	e								e		OVERLAP	D						
WALK II	f								f		EXCLUSIVE							
											SIM	GAP						

LTT-2WB 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

MKEC
ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67209
316 - 684 - 9600

GATEWAY CENTER ADDITION
PROJECT NAME

SIGNAL PLAN
SHEET TITLE

DFL DESIGN BY: KKL DRAWN BY: GJA CHECKED BY:
APRIL 2004 DATE 98158SG1 JOB NO. 2 / 8 SHEET/OF