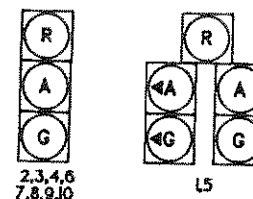
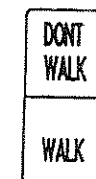


MATERIAL REQUIRED		
8	EACH	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 1-WAY
2	EACH	VEHICULAR SIGNAL HEAD, 5 SECTION, 12" LENS, 1-WAY
2	EACH	PEDESTRIAN SIGNAL HEAD, TYPE A2
5	EACH	LOOP DETECTOR UNIT, DELAY & EXTENSION TYPE, AS PER PLAN
380	LNFT.	LOOP DETECTOR PAVEMENT CUTTING
928	LNFT.	LOOP DETECTOR WIRE, TYPE E
58	LNFT.	LOOP DETECTOR LEAD-IN CABLE
2	EACH	PEDESTRIAN PUSHBUTTON
278	LNFT.	SIGNAL CABLE, 7 CONDUCTOR, No. 14 AWG
523	LNFT.	SIGNAL CABLE, 5 CONDUCTOR, No. 14 AWG
100	LNFT.	POWER CABLE, 2 CONDUCTOR, No. 6 AWG
4	EACH	CABLE SUPPORT ASSEMBLY
4	EACH	STRAN POLE, TYPE TC-BUD, DESIGN 6
12	CUYD.	CONCRETE FOR ANCHOR BASE FOUNDATION
248	LNFT.	MESSENGER WIRE, 7 STRAND, 3/16" DIAMETER WITH ACCESSORIES
1	EACH	POWER SERVICE
10	EACH	COVERING OF VEHICULAR SIGNAL HEAD
8	EACH	SIGNAL LAMP SWITCHES (APP. MON)
1	EACH	SIGNAL MONITOR, NEMA PLUS
1	EACH	CONTROLLER, ACTUATED, 8-PHASE, SOLID STATE DIGITAL
		MICROPROCESSOR, AS PER PLAN
8.3	SQFT.	CONTROLLER WORK PAD
0.99	CUYD.	CONCRETE FOR CONTROLLER FOUNDATION
1	EACH	TIME BASED COORDINATION UNIT, SEPARATE UNIT, APP.
LS	LS	MAINTAINING TRAFFIC
189	SQFT.	4" CONCRETE WALK

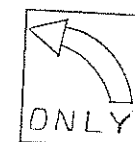
12" ALUMINUM SIGNAL HEADS



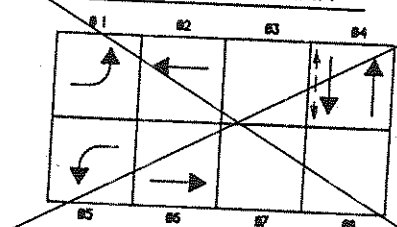
PEDESTRIAN SIGNAL HEADS



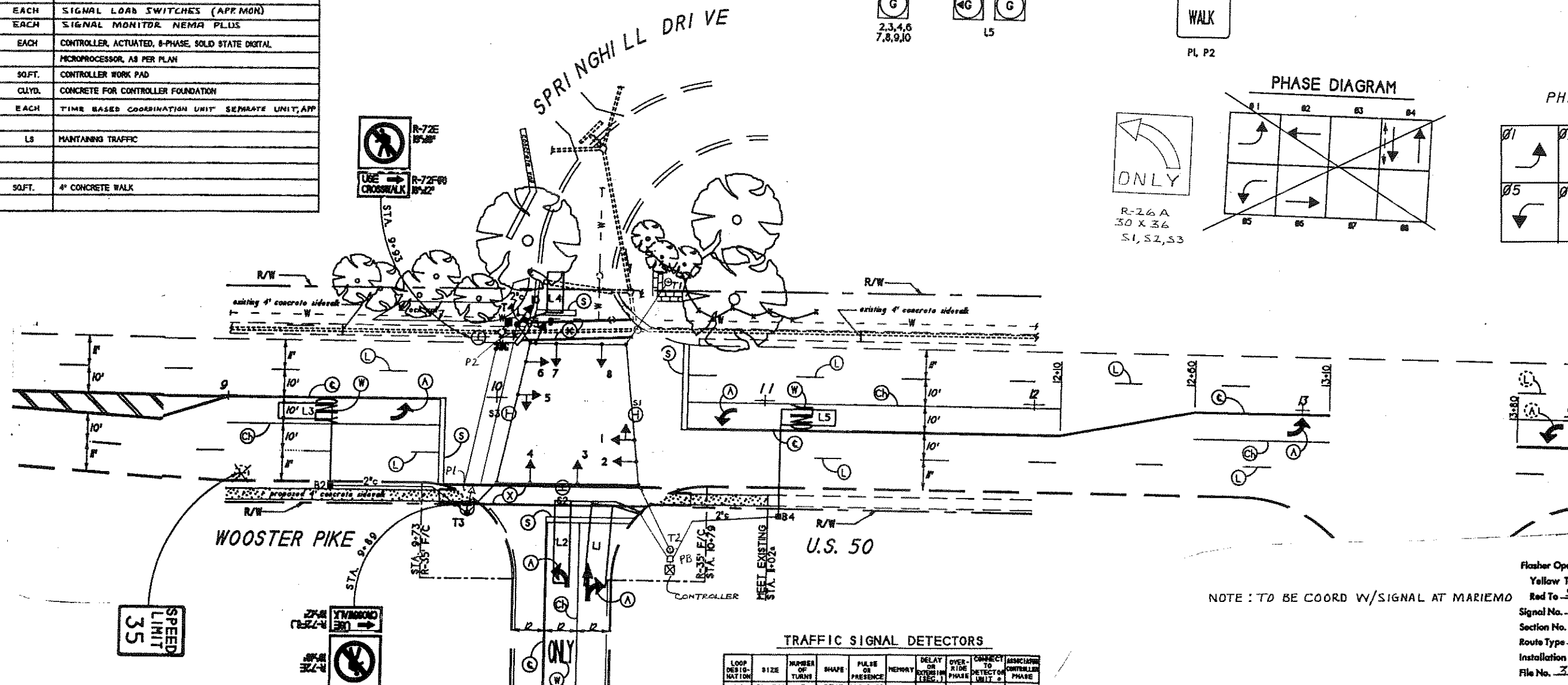
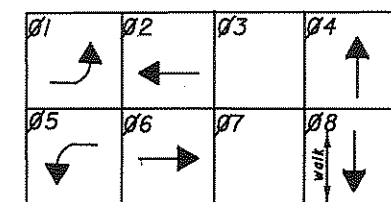
PHASE DIAGRAM



R-26 A
30 X 36
S1, S2, S3



PHASING DIAGRAM



TRAFFIC SIGNAL DETECTORS

LOOP DESIGNATION	SIZE	NUMBER OF TURNS	SHAPE	PULSE OR PRESENCE	MEMORY	DELAY OR EXTENSION (SEC.)	OVER-RIDE PHASE	CONNECT TO DETECTOR UNIT #	ASSOCIATION CONTROLLED PHASE
L1	8' x 30'	2	RECT.	PRESENCE				1	#4
L2	6' x 30'	2	RECT.	PRESENCE				2	#4
L3	6' x 20'	2	RECT.	PRESENCE				3	#1
L4	6' x 15'	2	RECT.	PRESENCE				4	#4
L5	6' x 20'	2	RECT.	PRESENCE				5	#5

NOTE: TO BE COORD W/SIGNAL AT MARIEMO

Flasher Operation
Yellow To US-50
Red To SPRINGHILL DR-KROGER
Signal No. HAM-50-3179 S
Section No. 30
Route Type 30
Installation Date 9-16-94
File No. 3482

DATE	REVISIONS	DATE INSTALLED	BUREAU OF TRAFFIC OHIO DEPARTMENT OF TRANSPORTATION	
			SIGNAL INSTALLATION PLAN US-50 & SPRINGHILL DR-KROGER (INSTALLED BY DEVELOPER)	
			District <u>8</u> County <u>HAMILTON</u>	
			APPROVED <u>[Signature]</u> DATE <u>2-9-95</u> DRAWN <u>[Signature]</u> REVIEWED <u>[Signature]</u>	
			APPROVED <u>[Signature]</u> DATE <u> </u>	
			APPROVED <u>[Signature]</u> DATE <u> </u>	
			ENGINEER OF TRAFFIC	

L2 LT CH 1
L1 TR CH 2

T1- 10+62, 42'L
T2- 10+64, 55'R
T3- 9+86, 43'R
T4- 10+07, 26'L