



SUMMARY OF TRAFFIC CONTROL ITEM QUANTITIES

ITEM	UNIT	DESCRIPTION	QUANTITY
625	LIN. FT.	CONDUIT, 1 INCH, 713.04	76
625	LIN. FT.	TRENCH	95
625	EA	PULL BOX, 18" 713.08	2
861	EA	CONTROLLER, Actuated, 3-Phase, Solid State Digital	1
861	EA	COORDINATOR, Time Based	1
632	EA	VEHICULAR SIGNAL HEAD, 5-SECTION, 12-INCH LENSE, 1-WAY	1
632	EA	VEHICULAR SIGNAL HEAD, 3-SECTION, 12-INCH LENSE, 1-WAY	5
632	EA	LOOP DETECTOR AMPLIFIER	2
632	LIN. FT.	LOOP DETECTOR PAVEMENT CUTTING	158
632	LIN. FT.	MESSENGER WIRE, 7 STRAND, 3/8 INCH DIAMETER, WITH ACCESSORIES	270
632	LIN. FT.	SIGNAL CABLE, 7-CONDUCTOR No. 14 AWG	106
632	LIN. FT.	SIGNAL CABLE, 5-CONDUCTOR No. 14 AWG	250
632	LIN. FT.	LOOP DETECTOR WIRE, Type E	372
632	LIN. FT.	LOOP DETECTOR LEAD-IN CABLE	412
632	LIN. FT.	SERVICE CABLE, 2-CONDUCTOR No. 8 AWG	127
632	EA	COVERING OF VEHICULAR SIGNAL HEADS	6
625	EA	GROUND ROD	4
632	EA	STRAIN POLE, Type TC 81.10 Design N° 5	4
632	Cu. Yd.	CONCRETE FOR ANCHOR BASE FOUNDATIONS	9.5
632	EA	CABLE SUPPORT ASSEMBLY	3
632	EA	POWER SERVICE	1

	φ A	φ B	φ C
INITIAL GREEN	—	3 Sec.	5 Sec.
VEHICLE EXTENSION	—	2 Sec.	3 Sec.
MINIMUM GREEN	30 Sec.	—	—
MAXIMUM GREEN	—	15 Sec.	30 Sec.
CLEARANCE	3 Sec.	3 Sec.	3 Sec.
ALL RED	1 Sec.	2 Sec.	2 Sec.

STREET	DIR.	SIGNAL	FLASH	INTERVAL COLORS									
				1	2	3	4	5	6	7	8	9	
HEISLEY ROAD	N.	1	Y	G	Y	R	R	R	R	R	R	R	R
		2	Y	G	Y	R	R	R	R	R	R	R	R
	S.	3	Y	G	G	G	Y	R	R	R	R	R	R
		4	Y	G	G	G	Y	R	R	R	R	R	R
S.R. 2 - E.B. OFF RAMP	E	5	R	R	R	R	R	R	G	Y	R	R	
		6	R	R	R	R	R	R	G	Y	R	R	

NOTE:  
 ① THIS INTERVAL SHALL BE Y IF φ C FOLLOWS φ A  
 ② THIS INTERVAL SHALL BE R IF φ C FOLLOWS φ A  
 ③ THIS INTERVAL SHALL BE G IF φ A FOLLOWS φ B  
 ④ THIS INTERVAL SHALL BE G IF φ A FOLLOWS φ B

COORDINATOR SETTINGS

DIAL No.	TIME CLOCK SWITCH	TIME CYCLE	OFFSET	RELEASE	FORCE OFF φ B	FORCE OFF φ C
1	9 AM - 4 PM MON - SAT	70 Sec.	25%	0%	20%	49%
2	6 - 9 AM MON - SAT	80 Sec.	22%	0%	18%	55%
3	4 - 7 PM MON - SAT	90 Sec.	20%	0%	22%	60%
FREE OPERATION		7 PM - 6 AM MON. - SAT. ALL DAY SUNDAY				

