

TIMING AND PHASING

AM PEAK	PHASE 2+6			PHASE 4+8			CLEAR TO
	R/W	Ø 4+8		R/W	Ø 2+6		
VEHICLE	1			1			
MINIMUM	8 4 1			8 4 1			
MINW/PED	1/2 4 1			1/2 4 1			
MAX 1	12 4 1			38 4 1			
OFF PEAK	VEHICLE	1		1			
	MINIMUM	8 4 1		8 4 1			
	MINW/PED	1/2 4 1		1/2 4 1			
	MAX 2	25 4 1		25 4 1			
PM PEAK	VEHICLE	1		1			
	MINIMUM	8 4 1		8 4 1			
	MINW/PED	1/2 4 1		1/2 4 1			
	MAX 3	33 4 1		17 4 1			
FACE 2	G Y R			R R R			F Y
FACE 4	R R R			G Y R			F R
FACE 6	G Y R			R R R			F Y
FACE 8	R R R			G Y R			F R
FACE P	D W D W D W			D W D W D W			BLANK
FACE P W/FED	W F F D W			W F F D W			BLANK

FLASHING OPERATION 11 PM - 6 AM OR AS LATER DETERMINED

WEEKDAY TIMINGS

AM PEAK	6:00 AM - 8:30 AM
OFF PEAK	8:30 AM - 3:30 PM
PM PEAK	6:00 PM - 11:00 PM
	3:30 PM - 6:00 PM

WEEKEND TIMINGS

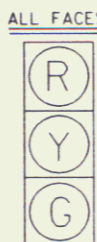
OFF PEAK	6:00 AM - 11:00 PM
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WIRED CONDUIT (PVC) AND ELECTRICAL CONDUIT SLEEVE (PVC)

	WIRED CONDUIT		CONDUIT SLEEVE		DESCRIPTION
	1/2"	2"	2 1/2"	6"	
POWER POLE TO STANCHION			40		POWER
STANCHION TO JB 1		129			POWER
LOOP 6 TO PP 1		18			LOOP 6
PP 1 TO JB 1		71		38	LOOP 6
LOOP 2 TO JB 1		11			LOOP 2
JB 1 TO SP 1		17			LOOPS 2 & 6 *
		17			POWER
LOOP 8 TO SP 1		23			LOOP 8
SP 1 TO PP 1		71			PP 1 WIRING
LOOP 4 TO PP 2		28			LOOP 4
PP 2 TO UTILITY POLE **		38			LOOP 4
UTILITY POLE TO PP 2 **		38			PP 2 & 3 WIRING
PP 2 TO PP 3		80		45	PP 3 WIRING
SUB-TOTALS	168	373	40	45	38
ROUNDING	2	7	-	-	2
TOTALS	170	380	40	45	40

NOTES
 * LEADS FOR LOOPS 2 & 6 SHALL RUN IN A SINGLE CONDUIT FROM JB 1 TO SP 1.
 ** CONDUIT QUANTITY INCLUDES PVC RUN ON UTILITY POLE.

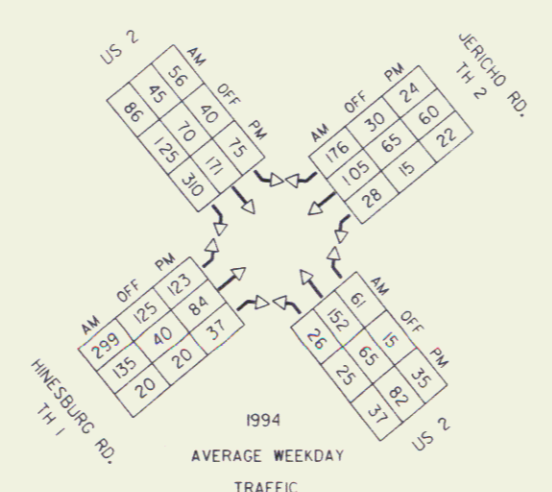
TRAFFIC SIGNAL FACE ARRANGEMENT



DATUM
 VERTICAL _____
 HORIZONTAL _____

BEGIN R.O.W. PROJECT
 STA. 99+60 33' RT.

END R.O.W. PROJECT
 STA. 101+21 33' LT.



VEHICLE DETECTOR LOOPS

LOOP NO.	LANE	CALL Ø	SIZE	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE CALG. ACT.	RESISTANCE CALG. ACT.	LEAKAGE TO GROUND
2	LTR	2+6	6X40	QUAD-2	PRES	352 µH	0.74 Ω	
4	LTR	4+8	6X30	QUAD-2	PRES	300 µH	0.98 Ω	
6	LTR	2+6	6X40	QUAD-2	PRES	363 µH	0.88 Ω	
8	LTR	4+8	6X30	QUAD-2	PRES	267 µH	0.54 Ω	

TRAFFIC SIGNAL PLAN SHEET

DESIGN FILE NAME: /PROP/94C028/RC028ROW
 IPARM FILE NAME: RC028BLIR
 DRAWN BY: E. FONTANA
 SQUAD LEADER: ABK
 RICHMOND
 RSG SGNL (8)
 PLOT DATE: 8-FEB-1996
 R.O.W. SHEET 3 OF 4 SHEETS

FEB 05 1998

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