

VEHICLE DETECTOR LOOPS												
LOOP NO.	LANE	CALL Ø	SIZE	TYPE & NO. TURNS	MODE	MEMORY	Vehicle Ext.	INDUCTANCE		RESISTANCE		LEAKAGE TO GROUND
								CALC.	ACT.	CALC.	ACT.	
2	105 SB	2+6	6X40	QUA-2TURNS	PRESENCE	NON LOCK	2	359.00		0.718		
6	104 NB	2+6	6X40	QUA-2TURNS	PRESENCE	LOCK	2	392.00		0.737		
8A	105 NB	8	6X46	REC-3TURNS	PRESENCE	NON LOCK	2	107.00		0.298		
8B	105 NB	8	6X46	REC-3TURNS	PRESENCE	NON LOCK	2	109.25		0.327		
8C	105 NB	8	6X46	REC-3TURNS	PRESENCE	NON LOCK	2	109.00		0.324		
8D	105 NB	8	6X46	REC-3TURNS	DELAY 5SEC	NON LOCK	2	106.50		0.291		
4	DRIVE	4	MICROWAVE		PRESENCE	NON LOCK						

TIMING AND PHASING

	PHASE 2+6 DWELL						PHASE 4+8							
	CLEAR TO						CLEAR TO							
AM PEAK	VEH EXT	2					2							
	MINIMUM	8	4	2			8	4	2					
	MAX I	25	4	2			23	4	2					
OFF PEAK	VEH EXT	2					2							
	MINIMUM	8	4	2			8	4	2					
	MAX I	25	4	2			23	4	2					
PM PEAK	VEH EXT	2					2							
	MINIMUM	8	4	2			8	4	2					
	MAX I	25	4	2			23	4	2					
FACE 2	G	Y	R			R	R	R						
FACE 4	R	R	R			G	Y	R						
FACE 6	G	Y	R			R	R	R						
FACE 8	R	R	R			G	Y	R						

SIGNAL FACE ARRANGEMENT



2+6
4+8

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM - 678.15	QUANTITY
MAST ARM POLES	1
POWER DROP STANCHION	1
NEW 12" TRAFFIC SIGNAL HEADS W/ TUNNEL VISORS, DISCONNECT HANGERS & MOUNTING HARDWARE	
A. TWO-WAY 3-SEC.	
B. ONE-WAY 3-SEC.	8
LED HEADS	24
INTERSECTION CONTROLLER/CABINET	1
LUMINAIRES	2
BRACKET ARMS FOR LUMINAIRES	2

NOTE: Back plates to be installed on east-west heads

SIGNAL TIMING SEQUENCES & MISC. DETAILS

PROJECT: Fairfax-Fairfield-St. Albans	PROJECT NO.: IM 089-3(27)
DESIGN FILE NAME: J:\104detour\te076a5.dgn	PLOT DATE: 13-MAR-2000
IPARM FILE NAME: /traf/te076+1m.l	SURVEYED BY:
SURVEYED BY:	DRAWN BY: JFG
SQUAD LEADER: Dubray	SHEET: 42 OF 370