LOCATION-1

														5	SEQUE	ENCE A	ND T	IMING	CHAI	RT										
					SBLT			NB			WBLT	T		EB			NBL1	-		SB			EBL	Г		WB			PED	
		•		P	HASE	1	F	PHASE	2	P	HASE	3	P	HASE	4		HASE		Р	HASE	6	T	PHASE		T	PHASE	-	T	PHASE	
SAWYER > STREE	BI	AWYER STRE	VENUE								E. ON	1				P.I	E. ON	LY		† -		P.	E. ON	NLY		IIASL	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1——-	9
VENUE		NEW BEDFOR	D, MA					-	‡ -				4									1							!	
APPROACH	DIRECTION	T EAGE	1 2/2	Lagra	Lord	Love	T = ===	T ==			ENCE .																			
BELLEVILLE AVENUE	DIRECTION CO.	FACE	0/0	R/W	100	CL2	-	-	7		CL1	-			CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2
BELLEVILLE AVENUE	SBLT/SB SB	B	1/6	KG-/R	-	-	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R
BELLEVILLE AVENUE	NBLT/NB	C	2/5	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R
BELLEVILLE AVENUE	NB	D	2/3	R	R	R	G	Y	R	R	R	R	R	R		KG-/R			R	R	R	R	R	R	R	R	R	R	R	R
SAWYER STREET	WBLT/WB	F	3/8	R	R	R	G	R	R	R +G-/p	R KY- /R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
SAWYER STREET	WB	F	8	R	R	R	R	R	R	R			R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R
SAWYER STREET	EBLT/EB	G	4/7	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R
SAWYER STREET	EB	Н	4	R	R	R	R	R	R	R	R	R	G	-	R	R	R	R	R	R	-	KG-/R	-	-	R	R	R	R	R	R
				1	1	1	1		 '\	1	11	IN.	G		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN	ALL	P1-P8	9	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FDW	DW
MINIMUM GREEN															T	IMING	IN SE	COND	S			<u> </u>	<u> </u>							
VEHICLE INTERVAL				6			20			6			10			6			20			6			10					
MAXIMUM GREEN I FREE O	DEDATION (TD	1)		3			3			3			3			3			3			3			3					
MAXIMUM GREEN II TIMING	PLAN OPERAT	TON		15			30			15	 		30			15			30			15			30					
YELLOW CLEAR	I LAN OF ENA	11014		-	3.2			70			7.0																			
ALL RED CLEAR					5.2	20		3.2	0.0		3.2	0.0		3.2	0.5		3.2			3.2			3.2			3.2				
WALK INTERVAL						2.8			2.8			2.8			2.8			2.8			2.8			2.8			2.8			1
PED. CLEARANCE																												7		
DETECTOR				NO	V-LO	CK	NO	N-LO	CV	NO	N 10	CIZ	NO	NI IO	014	110									10				10	
RECALL				-	OFF	OIL		SOFT	UN	INO	N-LO	UK	NO	N-LO	CK	The second second	V-LO	CK	The second division in which the second	N-LO	CK		N-LO	CK	NO	N-LO	CK		LOCK	
										<u> </u>	Ol 1			OFF			OFF			SOFT			OFF			OFF			OFF	
															MAY	MIUM	DUAG	TE TIME	DIC											
MING PLAN					SEC.			SEC.			SEC.	1		SEC.	IATUVI	-	SEC.	DE IIM		SEC.			CEO			OFA			07.6	
TP2 M-F (6AM-NOON)												$\neg \dashv$		JEU.			JLV.	-+		SEU.	-		SEC.			SEC.			SEC.	
TP3 M-F (NOON-7PM)					15			30		The second of th	0			15			0	1		45			0			15				
TP4 SAT (10AM-6PM)				-	17			26			0			17			0		-	43			0			15 17	SECTION AND ADDRESS OF THE PARTY.			
TP5 SUN (10AM-6PM) NOTES: 1. FLASHING OPERA					17	(x.2)-1925-194000)		26		estation of the s	0	March 17	The state of the state of	17			0			43		The special section is a second section of the second section of the second section of the second section of the second section of the se	0	1		17				

2. DUAL ENTRY: PHASE 1 CALLS PHASE 6, PHASE 3 CALLS PHASE 8, PHASE 5 CALL PHASE 2, PHASE 7 CALLS PHASE 4.

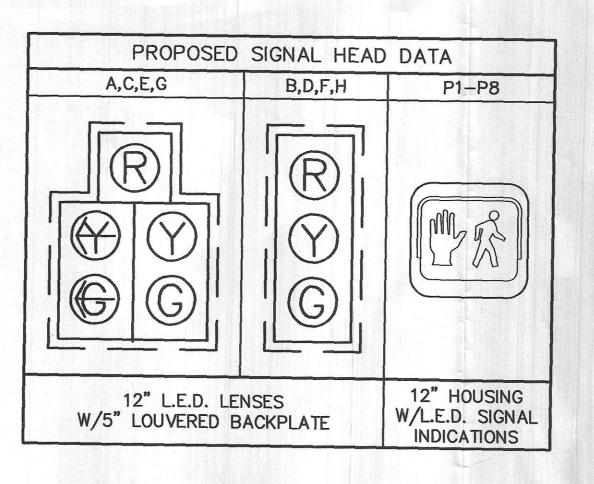
3. PHASE 1 AND PHASE 5 ARE NOT COMPATIBLE.
4. PHASE 3 AND PHASE 7 ARE NOT COMPATIBLE.
5. PHASE 1, 3, 5 AND 7 MAY BE TURNED ON OR OFF AS A FUNCTION OF TIME OF DAY.
6. ODD PHASES MAY LEAD OR LAG.

	ITEM 815.1 TRAFFIC SIGNAL CONSTRUCTION LIST OF MAJOR ITEMS REQUIRED
YTITHAU	DESCRIPTION
1	EAGLE CABINET AND CONTROLLER: 8 PHASE TS2-TYPE 1, SPREAD SPECTRUM RADIO, OPTICOM PREEMPTION, GRAPHICS, CLOSED LOOP SYSTEM READY, GPS-TBC, FULL INPUT AND OUTPUT SUPPRESSION PACKAGE W/FOUNDATION & CONC. PAD
1	SPREAD SPECTRUM ANTENNA
1	ELECTRIC SERVICE CONNECTION
4	SIGNAL HEAD 1-WAY 3-SECTION 12" L.E.D. W/LOUVERED BACKPLATE & CAP VISOR PAINTED FACTORY GLOSS BLACK
4	SIGNAL HEAD 1-WAY 5-SECTION 12" L.E.D. W/LOUVERED BACKPLATE & CAP VISOR PAINTED FACTORY GLOSS BLACK
8	PEDESTRIAN SIGNAL HEAD 12" HOUSING PAINTED FACTORY GLOSS BLACK, L.E.D. W/SOLID HAND & MAN, PUSHBUTTONS & SIGNS
2	PREEMPTION CONFIRMATION HIGH INTENSITY CLEAR STROBE
4	OPTICOM DETECTOR (MODEL 711)
2	2-CHANNEL PHASE SELECTOR AND RACK (700 SERIES)
8	10 FT. ALUM. PEDESTAL POLE W/FND. PAINTED FACTORY GLOSS BLACK
8	QUADRUPOLE VEHICLE DETECTION LOOP 6'x23' (2 TURNS)

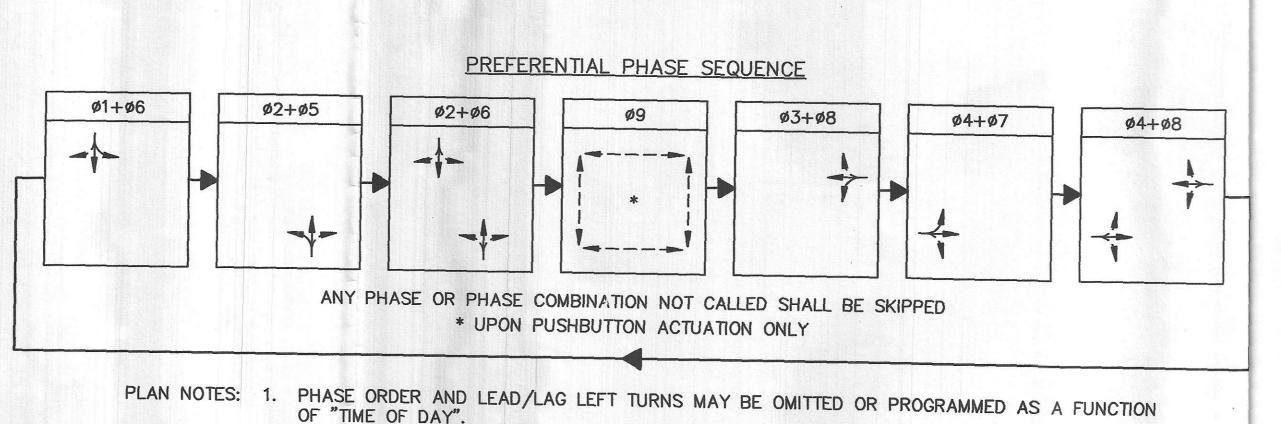
PLUS ALL MISCELLANEOUS EQUIPMENT AND MATERIAL NECESSA PROVIDE A COMPLETE OPERATING TRAFFIC CONTROL SIGNAL SY	RY TO
THE STATE OF THE STATE OF THE STATE OF THE STATE OF	SIEM.

4 2 CHANNEL LOOP DETECTOR AMPLIFIER - RACK MOUNTED

550 FT	3" SCHEDULE 80 PVC CONDUIT	
4	PULLBOX 12"x12"	
4	PULLBOX 12"x24"	



ARROW ON PLAN.



2. VEHICLE TURNING MOVEMENTS NOT SUPPORTED BY ARROW INDICATION SHOWN AS A DASHED

RECEIVER / PREEMPT RECEIVER/ PREEMPT 2 RECEIVER/ PREEMPT 3 RECEIVER/ PREEMPT 4 Ø1+Ø6 Ø2+Ø5 ø3+ø8 Ø4+Ø7

EMERGENCY VEHICLE PREEMPTION OPERATION:

- 1. EMERGENCY VEHICLE PREEMPTION SHALL BE ACTUATED BY AN OPTICAL SIGNAL FROM AN OPTICAL EMITTER MOUNTED ON AN EMERGENCY VEHICLE AND RECEIVED BY AN OPTICAL DETECTOR LOCATED AT THE INTERSECTION. A SEPARATE RECEIVING DETECTOR IS REQUIRED FOR EACH DETECTED APPROACH.
- 2. PREEMPTION SIGNALS FROM MULTIPLE APPROACHES SHALL BE SERVICED ON A FIRST DETECTED FIRST SERVED BASIS.
- 3. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED AT AN INTERSECTION BY OPTICAL DETECTOR, THE CONTROLLER SHALL TIME THE CLEARANCE INTERVALS OF THE ACTIVE PHASE (IF DIFFERENT THAN THAT TO BE SERVICED) AND ADVANCE TO AND/OR HOLD IN EMERGENCY VEHICLE PREEMPTION PHASE UNTIL PREEMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN TIME CLEARANCES AND SIMILARLY SERVICE OTHER EMERGENCY VEHICLE PREEMPTION SEQUENCES IN THE ORDER RECEIVED (IF RECEIVED). OTHERWISE, RESUME NORMAL PREFERENTIAL PHASE SEQUENCE.
- 4. NORMAL CLEARANCES SHALL BE PROVIDED ON PHASES THAT ARE TO BE TERMINATED BY PREEMPTION DEMAND.
- 5. MINIMUM GREEN FOR PREEMPTION SEQUENCES SHALL BE 6

CONSTRUCTION NOTES:

1. CONTROLLER PROGRAMMING SHALL BE ACCOMPLISHED BY QUALIFIED FACTORY REPRESENTATIVES.

		D	ETECTOR DA	ATA			
DETECTOR NUMBER	NUMBER SECTION/ SIZE	NUMBER OF TURNS	OPERATIONS	CALL	CALL PHASE	EXT. PHASE	LOOP CONN.
1	1-6'x23'	2 QUADRUPOLE	PRESENCE	-	1/6	1/6	DIRECT
2	1-6'x23'	2 QUADRUPOLE	PRESENCE	_	2/5	2/5	DIRECT
3	1-6'x23'	2 QUADRUPOLE	PRESENCE	_	3/8	3/8	DIRECT
4	1-6'x23'	2 QUADRUPOLE	PRESENCE	_	4/7	4/7	DIRECT
<u>\$</u>	1-6'x23'	2 QUADRUPOLE	PRESENCE	-	2/5	2/5	DIRECT
6	1-6'x23'	2 QUADRUPOLE	PRESENCE	-	1/6	1/6	DIRECT
\triangle	1-6'x23'	2 QUADRUPOLE	PRESENCE	-	4/7	4/7	DIRECT
8	1-6'x23'	2 QUADRUPOLE	PRESENCE	-	3/8	3/8	DIRECT

PROJECT TITLE

Coggeshall Street at I-195 Westbound Ramps

New Bedford, Massachusetts

PREPARED FOR

City of New Bedford

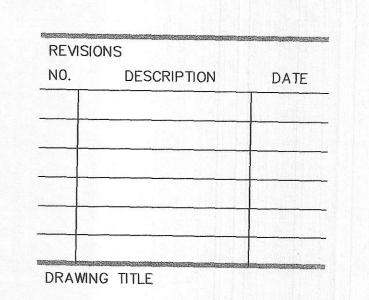
New Bedford, Massachusetts



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FORT MYERS, FLORIDA 12730 NEW BRITTANY BLVD., SUITE 600 FORT MYERS, FL 33907 TEL: (239) 437-4601 FAX: (239) 437-4636

DESIGNED BY	AJD					
DRAWN BY	BPD					
CHECKED BY						
DATE	JUNE 2009					
SCALE	NTS					
STAMP						



Traffic Signal Data Sawyer Street at Belleville Avenue

SHEET 36 OF 45 DRAWING NUMBER TR9 JOB NO. 5554

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4 R10-12 SIGN, 30"X36"