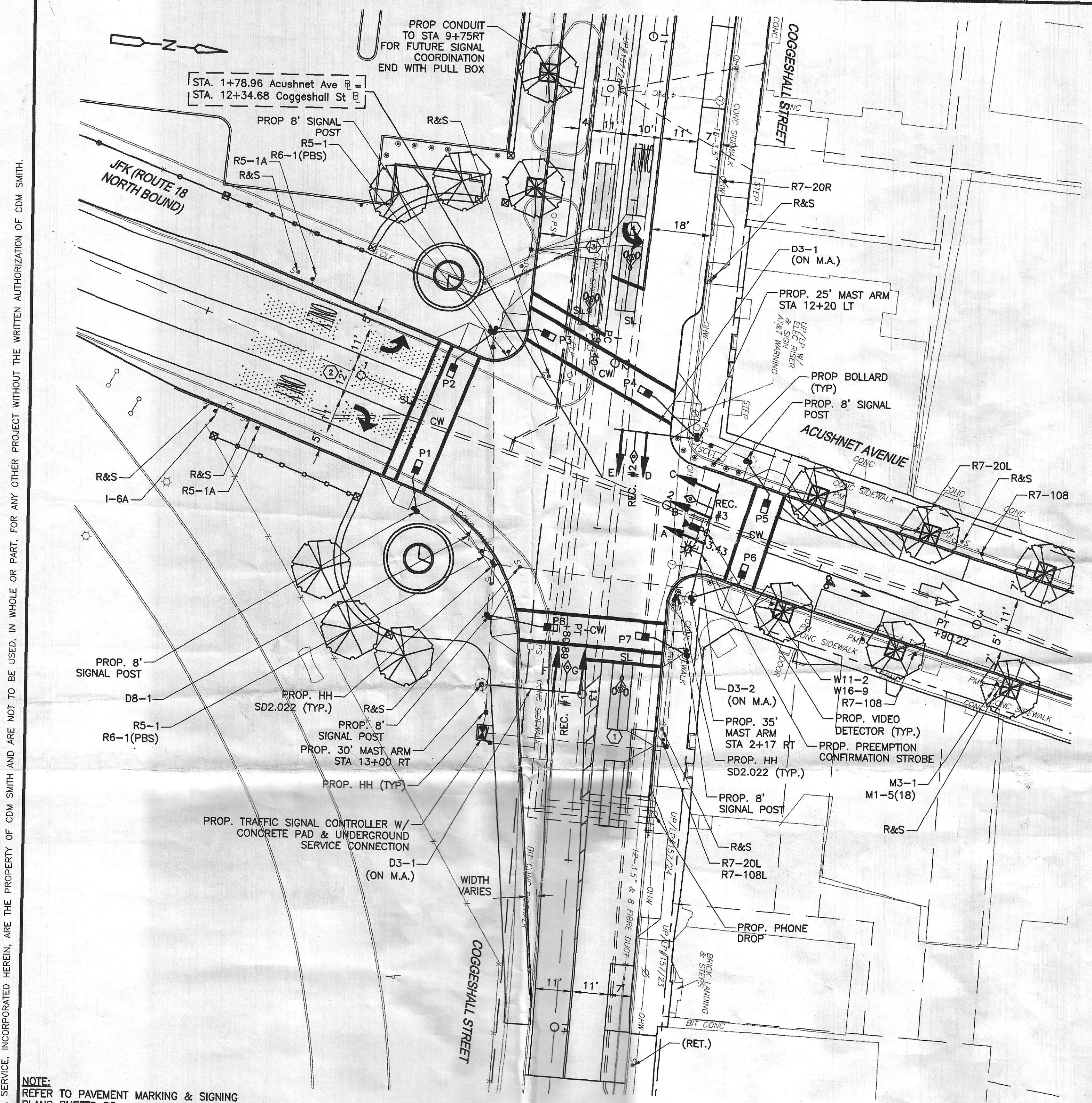


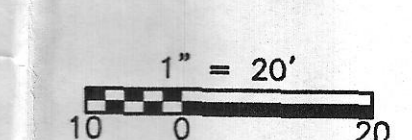
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NOTE:
REFER TO PAVEMENT MARKING & SIGNING
PLANS SHEETS PS-1.3 FOR ADDITIONAL
SIGNAGE AND PAVEMENT MARKING DETAILS

TRAFFIC CONTROLLER DATA	
PARAMETER	SELECTION
PHASE ASSIGNMENTS	STD. NEMA
OVERLAPS	STD. NEMA
RINGS	DUAL
DUAL ENTRY	OFF
SIMULTANEOUS GAP OUT DISABLED	YES
ALL RED REST	OFF
RED REVERT # OF SECONDS	-
MINIMUM YELLOW IN SECONDS	3
MAX II BY INTERNAL CLOCK	NO
NIGHT TIME FLASH BY INTERNAL CLOCK	NO

ACUSHNET AVENUE AT COGGESHALL STREET



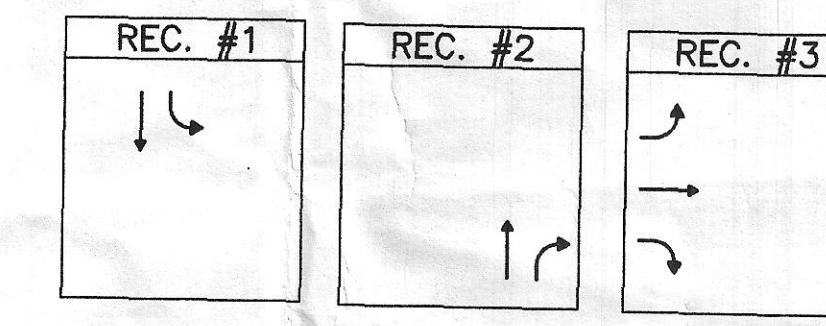
MAJOR ITEMS REQUIRED	
QUANTITY	DESCRIPTION
1	TRAFFIC CONTROLLER & CABINET NEMA TS2-TYPE 1 ASSEMBLY W/FOUNDATION, CONCRETE PAD & ELECTRIC METER W/ PHONE DROP
1	UNDERGROUND SERVICE CONNECTION W. NSTAR HANDHOLE
1	35' MAST ARM ASSEMBLY, BASE & FDN.
1	30' MAST ARM ASSEMBLY, BASE & FDN.
1	25' MAST ARM ASSEMBLY, BASE & FDN.
6	SIGNAL HEAD, 3 SECTION LED
1	SIGNAL HEAD, 5 SECTION LED
5	SIGNAL POST - 8 FT. & FOUNDATION
1	VIDEO DETECTION CAMERA
3	INTERNATIONAL SYMBOL PEDESTRIAN HOUSING LED WITH COUNTDOWN TIMER
7	PEDESTRIAN PUSH BUTTON, SIGN & SADDLE
2	DUAL CHANNEL PHASE SELECTOR (PREEMPTION)
5	QUADRUPOLE LOOP DETECTORS
3	UNIDIRECTIONAL SINGLE CHANNEL OPTICAL DETECTOR (RECEIVER)-PREEMPTION
1	EMERGENCY PREEMPTION CONFIRMATION KIT
2	LOOP DETECTOR AMPLIFIERS
1	MASTER CONTROLLER (FOR FUTURE COORDINATION)
PLUS ALL MISCELLANEOUS EQUIPMENT AND MATERIAL NECESSARY TO PROVIDE A COMPLETE OPERATING TRAFFIC CONTROL SIGNAL.	

DETECTOR DATA				
DETECTION ZONE	# CALLED	# EXT.	DELAY TIME	EXT. TIME
①	6	6	-	-
②	8	8	-	-
③	2	2	-	-
④	5	5	-	-

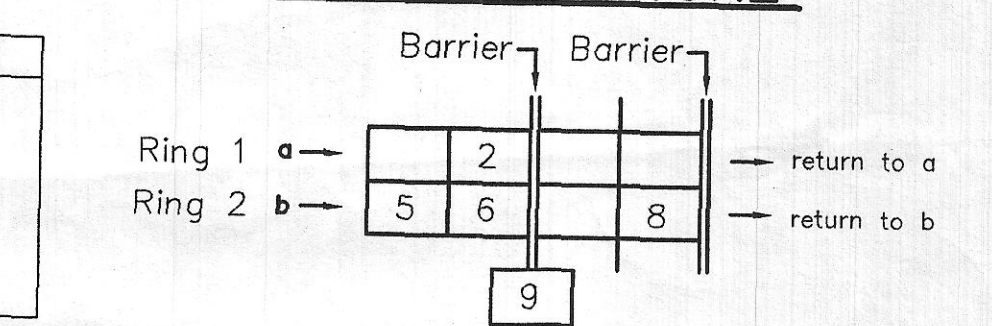
SIGNAL HEAD DATA			
PROPOSED SIGNALS			
A,B,D,E,F	C	G	P1-P8
ALL 12" LED LENS R Y G	ALL 12" LED LENS R Y G	ALL 12" LED LENS R Y G	12" LED Hand symbol XX

ALL OVERHEAD SIGNALS SHALL BE EQUIPPED WITH 5" LOUVERED BACKPLATES.

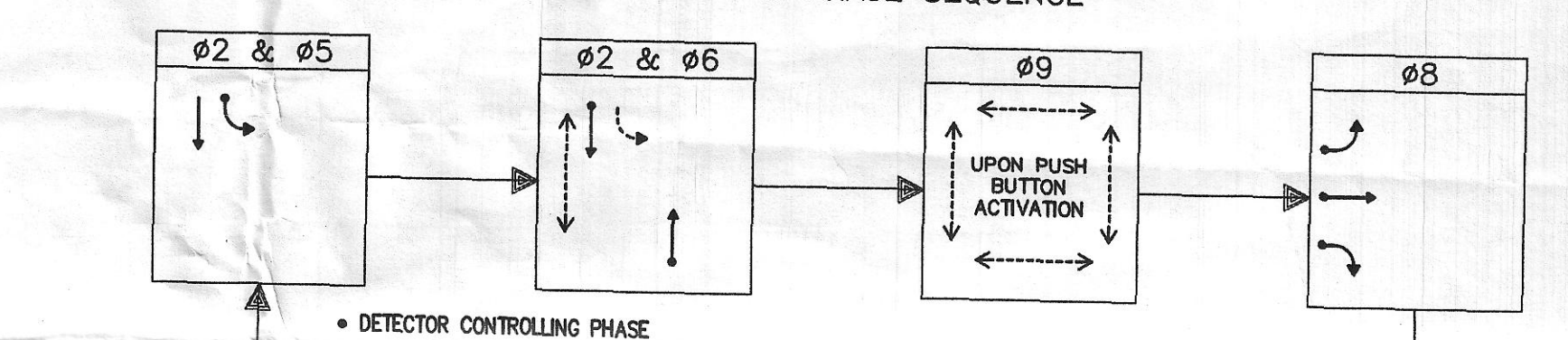
PREEMPTION PHASES

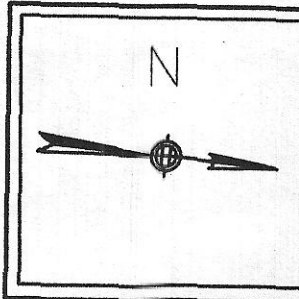


RING STRUCTURE



PREFERENTIAL PHASE SEQUENCE



FULLY-ACTUATED	☒	ISOLATED	☐	02 05 06 08 09 N 
SEMI-ACTUATED	☐	(FUTURE) COORDINATED	☒	
PRE-TIMED	☐	WIRE ☒ RADIO ☐		

SEQUENCE AND TIMING																		
STREET	DIRECTION	HOUSINGS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	FLASH OPER.
JFK (RTE 18)	NB	A,B	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	FR
JFK (RTE 18)	NB	C	R	R	R	R	R	R	R	R	R	GL	YL	R	R	R	R	FR
COGGESHALL STREET	EB	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FY
COGGESHALL STREET	WB	D,E	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FY
COGGESHALL STREET	EB	F	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	FY
PEDESTRIAN	ALL	P3-P8	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OUT
PEDESTRIAN	E-W	P1-P2	W	FDW	DW	DW	DW	DW	W	FDW	DW	DW	DW	DW	DW	W	FDW	OUT

EMERGENCY	MINIMUM INITIAL		TIMING IN SECONDS															
	PASSAGE		19			6			19			6						
	MAXIMUM 1		2			2			2			2						
	MAXIMUM 2		33			22			33			35						
	CHANGE																	
	PEDESTRIAN			3.2	2.7		3.2	2.7		3.2	2.7		3.6	2.6				
	RECALL		5	14	1				5	14	1				5	17	1	
	MEMORY			SOFT			OFF			SOFT			OFF				OFF	
	DUAL ENTRY			NON-LOCKING			NON-LOCKING			NON-LOCKING			NON-LOCKING			LOCKING		
	SIMULTANEOUS GAP OUT DISABLED			OFF			OFF			OFF			OFF			OFF		
			YES			YES			YES			YES			YES			

TIMINGS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

DESIGNED BY: S. GARE	
DRAWN BY: S. GARE	
SHEET CHK'D BY: W. COTTER	
CROSS CHK'D BY: K. JOHNSON	
APPROVED BY: JUNE 2012	

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ARCHITECTS

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STREETSCAPE IMPROVEMENTS
ACUSHNET AVENUE INTERNATIONAL
MARKETPLACE - PHASE I

TRAFFIC SIGNAL PLAN I

PROJECT NO. 0309-89339
FILE NAME: TSTS001

SHEET NO.
TS-1

Accession No: 0309-P-3660