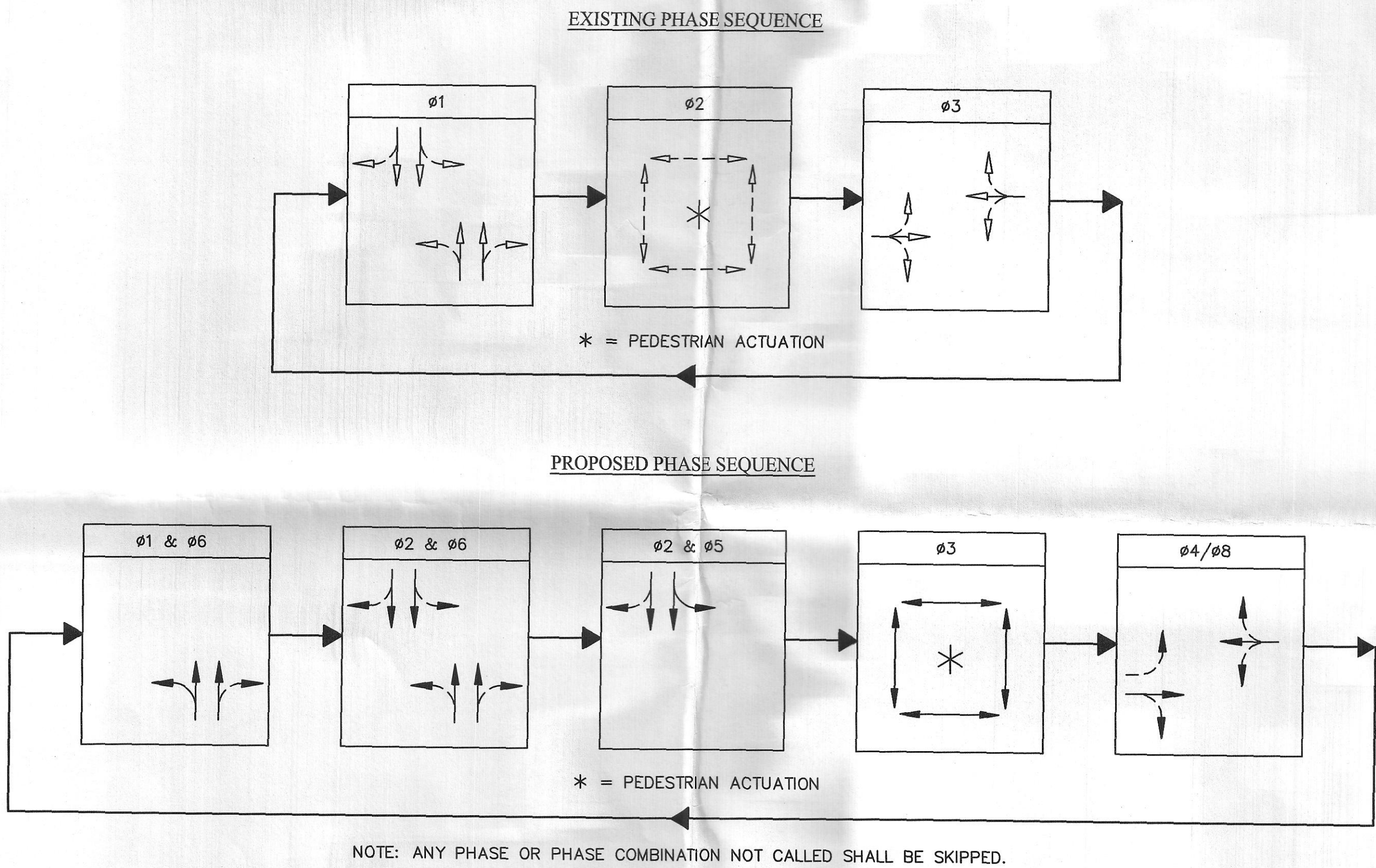


<div><div></div><div>PHILLIPS ROAD AT ACUSHNET AVENUE</div><div>NEW BEDFORD, MA</div></div>		SEQUENCE AND TIMING CHART																													
		NBLT				SB				PED				EB				SBLT				NB				WB					
		PHASE 1				PHASE 2				PHASE 3				PHASE 4				PHASE 5				PHASE 6				PHASE 8					
SEQUENCE AND TIMING																															
APPROACH	DIRECTION	FACE	Ø/Ø	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2	R/W	CL1	CL2				
ACUSHNET AVENUE	NBLT/NB	A,J	Ø1/Ø6	←G/R	←Y/R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	FY			
ACUSHNET AVENUE	NB	B	Ø6	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	FY			
ACUSHNET AVENUE	SB	C	Ø2	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	FY			
ACUSHNET AVENUE	SB/SBLT	D,K	Ø2/Ø5	R	R	R	G	Y	R	R	R	R	R	R	R	R	←G/R	←Y/R	R	R	R	R	R	R	R	R	R	FY			
PHILLIPS ROAD	EB	E,F	Ø4	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	FR			
PHILLIPS ROAD	WB	G,H	Ø8	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	FR			
PEDESTRIAN	ALL	ALL	Ø3	DW	DW	DW	DW	DW	DW	W	FDW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OUT			
TIMING IN SECONDS																															
MINIMUM GREEN				6			20						6			6			20			6									
VEHICLE INTERVAL				2			2						2			2			2			2									
MAXIMUM GREEN I				30			30						30			30			30			30									
MAXIMUM GREEN II				30			30						30			30			30			30									
YELLOW CLEAR					3			4						3			4				4				3						
ALL RED CLEAR						2			2			6		1			2			2				2							
WALK																															
PEDESTRIAN CLEARANCE													12																		
DETECTOR							NON-LOCK		NON-LOCK				LOCK		NON-LOCK		NON-LOCK		NON-LOCK		NON-LOCK		NON-LOCK		NON-LOCK						
RECALL							OFF		MIN				OFF		OFF		OFF		MIN		OFF		OFF		OFF						
CYCLE				OFFSET				COORDINATION PHASE TIMING																							
DIAL		SEC.	SEC.	SEC.		SEC.		SEC.		SEC.		SEC.		SEC.		SEC.		SEC.		SEC.		SEC.		SEC.		SEC.					

NOTE: FLASH OPERATION PER M.U.T.C.D.



NOTE: ANY PHASE OR PHASE COMBINATION NOT CALLED SHALL BE SKIPPED.

SIGNAL HEAD DATA		
EXISTING -- ALL		PROPOSED -- A,D,J,K
<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
ALL 12" L.E.D. LENS NO BACKPLATES		

DETECTOR DATA (EXISTING)						
DETECTOR NUMBER	NUMBER SECTION/ SIZE	NUMBER OF TURNS	OPERATIONS	CALL DELAY	CALL PHASE/EXT	LOOP CONNECTION
1	8-6'x6'	3	PRESENCE	NO		SERIES
2	4-6'x6'	3	PRESENCE	NO	4	SERIES
3	2-6'x8'	3	PRESENCE	NO	8	SERIES

NOTE: 1 DISCONNECT IN CABINET, DO NOT DAMAGE IN STREET

DETECTOR DATA (PROPOSED)						
DETECTOR NUMBER	NUMBER SECTION/ SIZE	NUMBER OF TURNS	OPERATIONS	CALL DELAY	CALL PHASE/EXT	LOOP CONNECTION
4	1-6'x35'	2 QUADRUPOLE	PRESENCE		1/6	DIRECT
5	1-6'x35'	2 QUADRUPOLE	PRESENCE		6	DIRECT
6	1-6'x45'	2 QUADRUPOLE	PRESENCE		2	DIRECT
7	1-6'x50'	2 QUADRUPOLE	PRESENCE		2/5	DIRECT

MODIFY CABINET AND PROGRAM CONTROLLER LIST OF MAJOR ITEMS REQUIRED	
QUANTITY	DESCRIPTION
2	6' X 35' 2T QUADRUPOLE DETECTION LOOP
1	6' X 45' 2T QUADRUPOLE DETECTION LOOP
1	6' X 50' 2T QUADRUPOLE DETECTION LOOP
1	10' ALUMMINUM PEDESTAL POLE
4	4-SECTION 12" LED VEHICLE SIGNAL WITH LED BIMODAL ARROW
2	2-CHANNEL DETECTION AMP. WITH HARNESS
4	PEDESTRIAN CHIRPERS
1	4-CHANNEL OPTICOM PREEMPTION
1	CONFIRMATION STROBE

ALL EQUIPMENT SHALL BE AS SUPPLIED BY OCEAN STATE SIGNAL.

#### GENERAL NOTES:

- EXISTING CONDITIONS ARE AVAILABLE FROM AVAILABLE RECORDS AND FIELD SURVEYS BY TIBBETTS ENGINEERING CORP. ON AUGUST 2, 1993. HOWEVER, THIS IS IN NO WAY INTENDED TO IMPLY THAT OTHER UTILITIES DO NOT EXIST.
- UNDERGROUND UTILITIES ARE AVAILABLE FROM DATA FURNISHED BY UTILITY COMPANIES, AND ARE APPROXIMATE ONLY. EXACT LOCATION OF UNDERGROUND UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD.
- THE CONTRACTOR IS REQUIRED BY LAW TO NOTIFY "DIG SAFE", "ONE CALL" 1-800-322-4844 AND THE APPROPRIATE UTILITY COMPANY OR GOVERNMENT AGENCIES IN WRITING PRIOR TO ANY EXCAVATION WORK. "DIG SAFE" REQUIRES 72 HOURS NOTICE BY LAW, EXCLUSIVE OF WEEKEND AND HOLIDAYS.

#### CONSTRUCTION NOTES

- CHIRPERS SHALL BE ADDED TO ALL FOUR CORNERS.
- EXISTING CABINET SHALL BE MODIFIED WITH NEW PHASING AND TIMING.
- SIGNAL CONTRACTOR SHALL REPLACE MISSING COVER ON NORTHEAST MAST ARM BASE.

PROJECT TITLE

Walgreens

New Bedford,  
Massachusetts

PREPARED FOR

Mark Investment, Inc.

Newton,  
Massachusetts

**VAI** Vannasco & Associates, Inc.  
Transportation Engineers & Planners

ANDOVER, MASSACHUSETTS

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ANDOVER, MA 01810-1066  
TEL: (978) 474-8800  
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FORT MYERS, FLORIDA

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

DESIGNED BY	AJD
DRAWN BY	GRU
CHECKED BY	FLD
DATE	MAY 2006
SCALE	N.T.S.
STAMP	

REVISIONS		
NO.	DESCRIPTION	DATE

DRAWING TITLE

Signal Data  
Phillips Road at  
Acushnet Avenue

Received

AUG 07 2007

Department of  
Public Infrastructure

SHEET 2 OF 2	DRAWING NUMBER
JOB NO. 4832	2
CAD 4832TSv1	