

February 14, 2012

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION
RHODE ISLAND CONTRACT NO.2011-CH-063
FEDERAL-AID PROJECT NO. FAP Nos: STP-AWDA(025)

ADA - Metacom Avenue

METACOM AVENUE (STATE ROUTE 136) FROM THE BRISTOL TOWN LINE TO NORTH OF ARLINGTON
AVENUE
CITY/TOWN OF Warren
COUNTY OF BRISTOL

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Proposal Addition/Deletion

1. Page P-20

Delete Page P-20 in its entirety and replace it with new Page P-21 (R-1) attached to this Addendum No. 1. Additional items have been added to the contract causing repagination. The Addendum date has been added. The proposal will be generated by the Quest Lite Bid File.

2. Page P-21

Delete Page P-21 in its entirety and replace it with new Page P-22 (R-1) attached to this Addendum No. 1. Additional items have been added to the contract causing repagination.

B. Specification Change/Addition

1. Special Provisions / Contract Specific

a. Page CS-2

Delete Page CS-2 in its entirety and replace it with Page CS-2 (R-1) attached to this Addendum No. 1. The contact list has been updated.

b. Page CS-3

Delete Page CS-3 in its entirety and replace it with Page CS-3 (R-1) attached to this Addendum No. 1. The non work hours have been changed.

c. Page CS-4

Delete Page CS-4 in its entirety and replace it with Page CS-4 (R-1) attached to this Addendum No. 1. Paragraph 6, Sequence of Construction which starts on Page CS-3 has been revised.

d. Page CS-6

Delete Page CS-6 in its entirety and replace it with Page CS-6 (R-1) attached to this Addendum No. 1. Paragraph 12, Coordination With Other Projects has been revised.

2. Special Provisions / Job Specific

a. Page JS ii

Delete Page JS-ii in its entirety and replace it with Page JS-ii (R-1) attached to this Addendum No. 1. Special Provision 906.9903 has been added to the Contract.

b. Page JS-47

Add Page JS-47 attached to this Addendum No. 1. Item Code 906.9903 has been added to the contract.

c. TMP Restrictions Table

Delete the TMP Restrictions Table in its entirety and replace it with TMP Restrictions Table (R-1) attached to this Addendum No. 1.

C. Distribution of Quantities

1. DOQ Index 1

Delete DOQ Index 1 in its entirety and replace it with DOQ index 1 (R-1) attached to this Addendum No. 1.

2. DOQ Index 2

Delete DOQ Index 2 in its entirety and replace it with DOQ index 2 (R-1) attached to this Addendum No. 1.

3. DOQ Index 3

Delete DOQ Index 3 in its entirety and replace it with DOQ index 3 (R-1) attached to this Addendum No. 1.

4. DOQ Page 116

Delete DOQ Page 116 in its entirety and replace it with DOQ Page 116 (R-1) attached to this Addendum No. 1. Item T06.1030 has been deleted from the contract.

5. DOQ Page 133

Delete DOQ Page 133 in its entirety and replace it with DOQ Page 133 (R-1) attached to this Addendum No. 1. Item 906.9903 has been added to the contract.

6. DOQ Page 134

Add DOQ Page 134 attached to this Addendum No. 1. Item T06.5030 has been added to the contract.

D. Drawings/Plans - Change/Addition

1. Sheet V1_007_TYPICAL001

Delete Sheet V1_007_TYPICAL001 in its entirety and replace it with Sheet V1_007_TYPICAL001 (R-1) attached to this Addendum No. 1. A note was added regarding required curb reveal.

2. Sheet V1_008_DETAILS001

Delete Sheet V1_008_DETAILS001 in its entirety and replace it with Sheet V1_008_DETAILS001 (R-1) attached to this Addendum No. 1. A note was added regarding required curb reveal. The Automatic Trenching Machine detail has been deleted.

3. Sheet V1_014_GENERAL006

Delete Sheet V1_014_GENERAL006 in its entirety and replace it with Sheet V1_014_GENERAL006 (R-1) attached to this Addendum No. 1. A note was added with location of a temporary bituminous wheelchair ramp.

4. Sheet V1_044_T SIGNAL001

Delete Sheet V1_044_T SIGNAL001 in its entirety and replace it with Sheet V1_044_T SIGNAL001 (R-1) attached to this Addendum No. 1. The legend has been revised.

5. Sheet V1_045_T SIGNAL002

Delete Sheet V1_045_T SIGNAL002 in its entirety and replace it with Sheet V1_045_T SIGNAL002 (R-1) attached to this Addendum No. 1. The legend has been revised.

6. Sheet V1_046_T SIGNAL003

Delete Sheet V1_046_T SIGNAL003 in its entirety and replace it with Sheet V1_046_T SIGNAL003 (R-1) attached to this Addendum No. 1. The legend has been revised.

7. Sheet V1_047_T SIGNAL004

Delete Sheet V1_047_T SIGNAL004 in its entirety and replace it with Sheet V1_047_T SIGNAL004 (R-1) attached to this Addendum No. 1. The legend has been revised.

8. Sheet V1_048_T SIGNAL005

Delete Sheet V1_048_T SIGNAL005 in its entirety and replace it with Sheet V1_048_T SIGNAL005 (R-1) attached to this Addendum No. 1. The legend has been revised.

9. Sheet V1_049_T SIGNAL006

Delete Sheet V1_049_T SIGNAL006 in its entirety and replace it with Sheet V1_049_T SIGNAL006 (R-1) attached to this Addendum No. 1. The legend has been revised.



RI Department of Transportation
Chief Engineer

Revised: 2/19/2002

Total or gross sum of bid for Rhode Island Contract Number: 2011-CH-063

Federal-Aid Project Number(s): STP-AWDA(025)

WRITTEN IN WORDS:

The undersigned bidder declares that this Proposal is made without connection with any other person or persons making proposals for the same work, and is in all respects fair and without collusion or fraud. The undersigned bidder submits herewith, a proposal guarantee in the form of a bid bond in favor of the State of Rhode Island in the amount of 5% of the total or gross sum of the bid and agrees and consents that the proposal guarantee shall be forfeited to the State as liquidated damages if the required contract agreement and contract bond are not executed within ten(10) days of the notice of award. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by The Federal Register). The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island, Office of Purchases. The undersigned bidder further agrees, if awarded the contract on this proposal, to begin work within ten (10) calendar days after the date of execution of the contract unless otherwise specified under special provisions or permitted by the Engineer, and further agrees to complete the work on or before the dates outlined in the Contract Documents.

COMPLETION DATE(S)

DESCRIPTION	DATE
Substantial Completion Date	November 15, 2012
Bid-Opening Date	February 22, 2012
Advertise Date	February 1, 2012

THE BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING:

ADDENDA	DATE POSTED	DOCUMENT(S)	PAGE
NO.1	February 14, 2012	1. Status Certification for: Debarment, Eligibility, Indictments, Convictions or Civil Judgements	1
		2. Anti-Collusion Certificate	2
		4. DBE Affirmative Action Certification	3 - 9
		3. Disclosure of Lobbying Activities	

Total or gross sum of bid for Rhode Island Contract Number: 2011-CH-063

Federal-Aid Project Number(s): STP-AWDA(025)

Whoever, being an officer, agent, or employee of the United States, or of any State, or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the costs thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction of any highway or related project submitted for approval to the Secretary of Transportation; or Whoever, knowingly makes any false statement, false representation, false report, or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or Whoever, knowingly makes any false statement or false representation as to a material fact in any statement, certificate, or report submitted pursuant to the provisions of the Federal-aid Road Act approved July 11, 1916 (39 Stat. 355), as amended and supplemented, Shall be fined not more than \$10,000 or imprisoned not more than five years, or both. By signing here the signee agrees that the disk submitted is the same as the paper submitted and that any discrepancies may result in disqualification of the bid.

BEING EITHER A (INDIVIDUAL, PARTNERSHIP,
(OR CORPORATION INCORPORATED)
(UNDER THE LAWS OF ANY STATE)
(IN THE UNITED STATES OF AMERICA)

Contractor

COMPOSED OF OFFICERS, PARTNERS
OR OWNER, AS FOLLOWS.

President

Vice-President

Secretary

Treasurer

Address

CERTIFICATION SUMMARY: I hereby certify that I have read all of the above requirements and understand that it affects the acceptability of my bid(s).

Name of Signatore - Title

Date

aware that not all utility companies subscribe to the Dig Safe Program. It is the Contractor's responsibility to ensure that all utility companies have been notified and all utilities have been marked prior to commencing their work. Any damage to existing utilities shall be replaced or repaired to the satisfaction of the Engineer at no additional cost to the State. The contractor shall contact DIG-SAFE (1-800-344-7233) prior to commencing with construction.

The Contractor shall schedule the construction so as to allow for a coordinated site and utility effort. Upon award, the Contractor shall notify the lead utilities relative to his anticipated start date. Immediately following the preconstruction conference, the Contractor shall initiate survey layout required for the utilities.

The following persons can be contacted for information regarding utilities, verification, or monitoring:

Mr. Thomas Capobianco
National Grid-Electric
280 Melrose Street
Providence, RI 02901-1438
401-784-7362, 401-245-8713

Mr. David Komeiga
Plant Manager
Warren Wastewater Treatment Plant
427 Water Street
Warren, RI 02885

Mr. Ronald Robillard
State Highway Coordinator
Verizon Communications
85 High Street
Pawtucket, RI 02903
401-727-9538

Mr. David Velilla
Utility Coordinator
Cox Communications
9 J.P. Murphy Highway
West Warwick, RI 02893
401-615-1284

Mr. James Paulette
National Grid - Gas
40 Sylvan Road, 3rd Floor, West Wing
Waltham, MA 02451
Cell: 401-465-8580

Chief Peter T. Achilli
Warren Police Department
1 Joyce Street
Warren, RI 02885
401-245-1311

Ms. Caroline Wells
Town Planning Director
514 Main Street
Warren, RI 02885
401-245-2469

Mr. Raymond Johnson
Bristol Country Water Authority
450 Child Street
Warren, RI 02885
401-245-2033 Ext. 29

Mr. Eric Johnson, Construction Manager
Verizon Business
85 High Street
Pawtucket, RI 02903
617-590-2641

Chief Alexander R. Galinelli
Warren Fire Department
1 Joyce Street
Warren, RI 02885
401-245-7600

Mr. John Massed, Director
Warren Department of Public Works
21 Birch Swamp Road
Warren, RI 02885, 401-245-0200

4. **WORK ADJACENT TO GAS LINES, WATER LINES AND TELEPHONE DUCTS**

Extreme care shall be exercised during construction in the vicinity of the gas lines, water lines and telephone ducts. Complete coordination with the utility company shall be maintained during the execution of this Contract.

5. **SPECIALTY ITEMS**

Specialty items for this contract shall be those items designated with an "S" in the Proposal.

6. **SEQUENCE OF CONSTRUCTION**

One week prior to the Pre-Construction Conference the Contractor must submit for Department approval a detailed construction work sequence and time schedule for the completion of all work associated with this contract and the requirements it contains. This sequence shall contain the essential elements of the Maintenance and Protection of Traffic Plans. No sequence of construction contrary to this design sequence may be implemented without the explicit permission of the Engineer. Approval of the work sequence and time schedule is required before the start of any construction or other work associated with this contract. The proposed construction and time schedule must consider and address the safe vehicle passage through the project and vehicle and pedestrian access to the abutting residential, commercial and/or industrial establishments.

The Contractor shall be required to maintain safe and efficient traffic flow during working hours, with flag persons actively engaged in directing traffic as necessary. Any variations from the Maintenance and Protection of Traffic as illustrated in the Plans and the Transportation Management Plan shall require written approval from the Engineer prior to implementation of said variations. Any and all traffic control must conform to the latest edition of the Manual on Uniform Traffic Control Devices with Addenda.

During non-working hours (including weekends and holidays) the Contractor must maintain all existing travel lanes open to traffic.

All work must be performed in a manner to cause the least disruption to existing vehicular and pedestrian traffic for as short a period of time as possible. When work commences in such areas, it shall be expeditiously completed without unnecessary interruptions.

Drainage:

Cleaning and flushing of the system shall be performed twice; once at the start of the project and once at the end. The initial cleaning shall be performed prior to the installation of Inlet Sediment Controls in the catch basins, which in turn precedes road, sidewalk, and curb related construction.

All drainage work including new construction and modifications (excluding cleaning), shall be completed and accepted by the Engineer prior to commencing pavement removal.

The construction of proposed wheelchair ramps at the Ocean State Job Lot Driveway (Stas. 137+00 – 139+00 Rt.) is a priority on this project, and must be completed within 60 days of the Contractor receiving Notice-to-Proceed. **An item has been provided for a temporary ramp at this location.**

The Contractor must consider the following when preparing his work schedule:

General :

- A. The Contractor must submit for Department acceptance a Project Schedule as required by Subsection 12.108.03; Prosecution and Progress of the Rhode Island Department of Administration Procurement Regulations. Schedule Level B will be required for this project.
- B. No Additional payment will be made for material, equipment, labor or incidentals necessary to perform operations during inclement weather. Any additional costs associated with inclement weather work will be considered incidental to the respective work items for which costs are incurred.
- C. Safe access and egress to side streets and all residential and commercial driveways must be maintained at all times. No additional payment shall be made for this activity as it is included in and considered incidental to the sidewalk and driveway construction items of this Contract.

Sidewalk:

- A. Once a section of existing sidewalk and/or wheelchair ramp has been removed, new sidewalk and/or wheelchair ramp construction must be completed within 7 days. Failure by the Contractor to adhere to this requirement shall be considered a default of contract as defined in Section 12.108.09 of the State of Rhode Island Procurement Regulations with all Addenda.
- B. Any formed cutouts\box outs in the sidewalk for signs, utility poles or mailbox posts must be brought to grade immediately with temporary sand until permanent concrete sidewalk material is placed inside the boxed out area. Cutouts\boxouts shall be made permanent by removing said sand and furnishing and installing joint material, concrete, and subbase material of the same type(s) as the surrounding sidewalk construction. No additional payment shall be made for this portion of work as it is considered incidental to sidewalk construction and their associated pay items.
- C. At no time shall the sidewalks on both sides of a given roadway segment be simultaneously out of service.

9. STORAGE OF CONSTRUCTION MATERIALS AND/OR EQUIPMENT

In addition to the requirements of Section 12.106.06 “Storage of Materials” of the Rhode Island Department of Administration Procurement Regulations the Contractor shall submit for approval the location of Material & Equipment storage to RIDOT.

10. DAMAGE TO EXISTING UTILITY STRUCTURES

It is the Contractor’s responsibility to ensure that all utility companies have been notified and all utilities have been marked prior to commencing their work. Any damage to existing utilities shall be replaced or repaired to the satisfaction of the Engineer at no additional cost to the State.

11. RIGHT OF WAY AND DAMAGE TO PROPERTY

The Contractor shall take all precautions to avoid damaging paving, utilities, or private properties and shall promptly repair (in-kind) at his own expense any damage to such paving, utilities, or private property to the satisfaction of the Engineer. The Contractor shall assume all risk and liability for his equipment on site during both working and non-working hours.

12. COORDINATION WITH OTHER PROJECTS

The Contractor shall be aware of other construction projects ongoing or commencing during the construction period of this contract. It shall be the Contractor’s responsibility to coordinate with the Engineer to determine the impacts of his construction operations on adjacent projects. The Contractor may be required to attend periodic coordination meetings with representatives of the Town and State to discuss and resolve potential conflicts.

At this time, it is expected that commercial development will be underway opposite Vernon Street, including a driveway aligned with the signalized intersection. In addition, the following R.I.D.O.T. projects are expected to be in progress during all or part of this projects duration:

- RICN 2011-CH-023 1R Improvements to Hope Street
- RICN 2011-CH-092 ADA Improvements to Child Street (C-3)
- Construction of an Advanced Auto Parts store located at the east side of the intersection at Metacom Avenue and Vernon Street. (Not a RIDOT project)

This list is not all-inclusive.

INDEX**SPECIFICATIONS - JOB SPECIFIC**

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906.9903	Temporary Bituminous Wheelchair Ramp Std. 43.3.0.	JS-47

ITEM CODE 906.9903
TEMPORARY BITUMINOUS WHEELCHAIR RAMP R.I. STD. 43.3.0

DESCRIPTION

This work consists of the construction and installation of a Temporary Bituminous Wheelchair Ramp R.I. Std. 43.3.0 at the location indicated on the Plans or as directed by the Engineer, all in accordance with Section 906 of the Rhode Island Standard Specifications for Road and Bridge Construction, Amended December 2010, with all addenda, with the following exceptions:

MATERIALS

Bituminous sidewalk materials and granite curbing shall be consistent with the applicable provisions of the Standard Specifications. For this item only, the Contractor shall be permitted to use any device conforming with "Detectable Warning System R.I. Std 48.1.0" (Cast Iron Warning Systems Standard 48.1.0 – Modified *not* required for this).

METHOD OF MEASUREMENT

"TEMPORARY BITUMINOUS WHEELCHAIR RAMP – R.I. STD. 43.3.0" will be measured as a lump sum item installed in accordance with the Plans or as directed by the Engineer.

BASIS OF PAYMENT

The accepted quantity of "TEMPORARY BITUMINOUS WHEELCHAIR RAMP – R.I. STD. 43.3.0" will be paid for at the contract unit price per "LUMP SUM" as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, materials and equipment, including excavation, sawcuts, sidewalk removal, gravel borrow, bituminous asphalt concrete, curb resetting, detectable warning system and all other incidentals required to finish the work, complete and accepted by the Engineer.

MINIMUM NUMBER OF LANES & SHOULDERS TO REMAIN OPEN TO TRAFFIC										
Location	Time of Day		Day of Week							
	From	To	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Metacom Ave in Warren	0:00:00	6:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L	ALL
	6:00:00	9:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00:00	15:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L	ALL
	15:00:00	18:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	18:00:00	24:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L	ALL
Metacom Avenue at Bayview Avenue in Bristol	0:00:00	6:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L	ALL
	6:00:00	9:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00:00	15:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L	ALL
	15:00:00	18:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	18:00:00	24:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L	ALL
Bristol Ferry Road in Portsmouth	0:00:00	9:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00:00	15:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L	ALL
	15:00:00	24:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL

LEGEND

ALL All travel lanes and shoulders shall remain open to traffic

1 L A minimum of one 11-foot wide travel lane in each direction shall remain open to traffic

NOTES

- 1 The set-up and break-down of temporary traffic control devices within a traveled way or shoulder shall be construed as a closure of that traveled way or shoulder.
- 2 The provisions noted herein shall not free the Contractor from his responsibility to conduct all work in such a manner that assures the least possible obstruction to traffic.

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Project Name - ADA - Metacom Avenue
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2011-CH-063
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Distribution of Quantities

Project Name - ADA - Metacom Avenue
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2011-CH-063
 FAP Nos: STP-AWDA(025)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
106	T05.9901	Cont.				
		115+25, RT		1.00	0004	01
		116+80, RT		1.00	0004	01
		117+35, RT		1.00	0004	01
		119+70, RT		1.00	0004	01
		128+15, RT		1.00	0004	01
		134+75, RT		1.00	0004	01
		138+90, RT		1.00	0004	01
		149+20, RT		1.00	0004	01
		151+50, RT		1.00	0004	01
		154+10, RT		1.00	0004	01
		156+50, RT		1.00	0004	01
		159+10, RT		1.00	0004	01
		165+50, RT		1.00	0004	01
Item T05.9901 Total:				13.00		
107	T05.1030	3 IN. RIGID STEEL CONDUIT-UNDERGROUND	LF			
		METACOM & BALVIEW				
		SOUTHEAST CORNER		30.00	0004	01
		METACOM & LIBBY				
		NORTHEAST CORNER		20.00	0004	01
		NORTHWEST CORNER		15.00	0004	01
		SOUTHEAST CORNER		15.00	0004	01
		SOUTHWEST CORNER		30.00	0004	01
		METACOM & OCEAN STATE				
		NORTHEAST CORNER		0.00	0004	01
		SOUTHWEST CORNER		0.00	0004	01
		METACOM & ROSA				
		AS SHOWN ON TRAFFIC PLAN #1		35.00	0004	01
		METACOM & YERDON				
		NORTHEAST CORNER		10.00	0004	01
		SOUTHWEST CORNER		0.00	0004	01
Item T05.1030 Total:					**DELETED**	

Distribution of Quantities

Project Name - ADA - Metacom Avenue
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2011-CH-063
 FAP Nos: STP-AWDA(025)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S125	T20.9912	Cont.				
		153+90, RT		15.00	0004	01
		156+20, RT		85.00	0004	01
		156+30, RT		12.00	0004	01
		157+00, LT		15.00	0004	01
		157+05, LT		120.00	0004	01
		160+25, LT		15.00	0004	01
		160+30, LT		100.00	0004	01
		185+80, RT		85.00	0004	01
		185+90, RT		15.00	0004	01
		METACOM @ BAYVIEW		270.00	0004	01
		METACOM @ ROSA		125.00	0004	01
Item T20.9912 Total:				3,761.00		
S126	T20.9920	TEMPORARY EPOXY RESIN PAVEMENT	EACH			
		MARKING ARROW LANE-REDUCTION				
		METACOM AVENUE				
		157+10, RT		1.00	0004	01
Item T20.9920 Total:				1.00		
127	906.9903	TEMPORARY BITUMINOUS WHEELCHAIR	LS			
		RAMP STD 43.3.0				
		METACOM AVENUE				
		137+75, LT		1.00	0004	01
Item 906.9903 Total:				1.00		
128	T06.5030	3 INCH POLYVINYL CHLORIDE PLASTIC	LF			
		CONDUIT-UNDERGROUND				
		METACOM @ BAYVIEW				
		SOUTHEAST CORNER		30.00	0004	01
		METACOM @ LIBBY				
		NORTHEAST CORNER		20.00	0004	01
		NORTHWEST CORNER		15.00	0004	01
		SOUTHEAST CORNER		15.00	0004	01

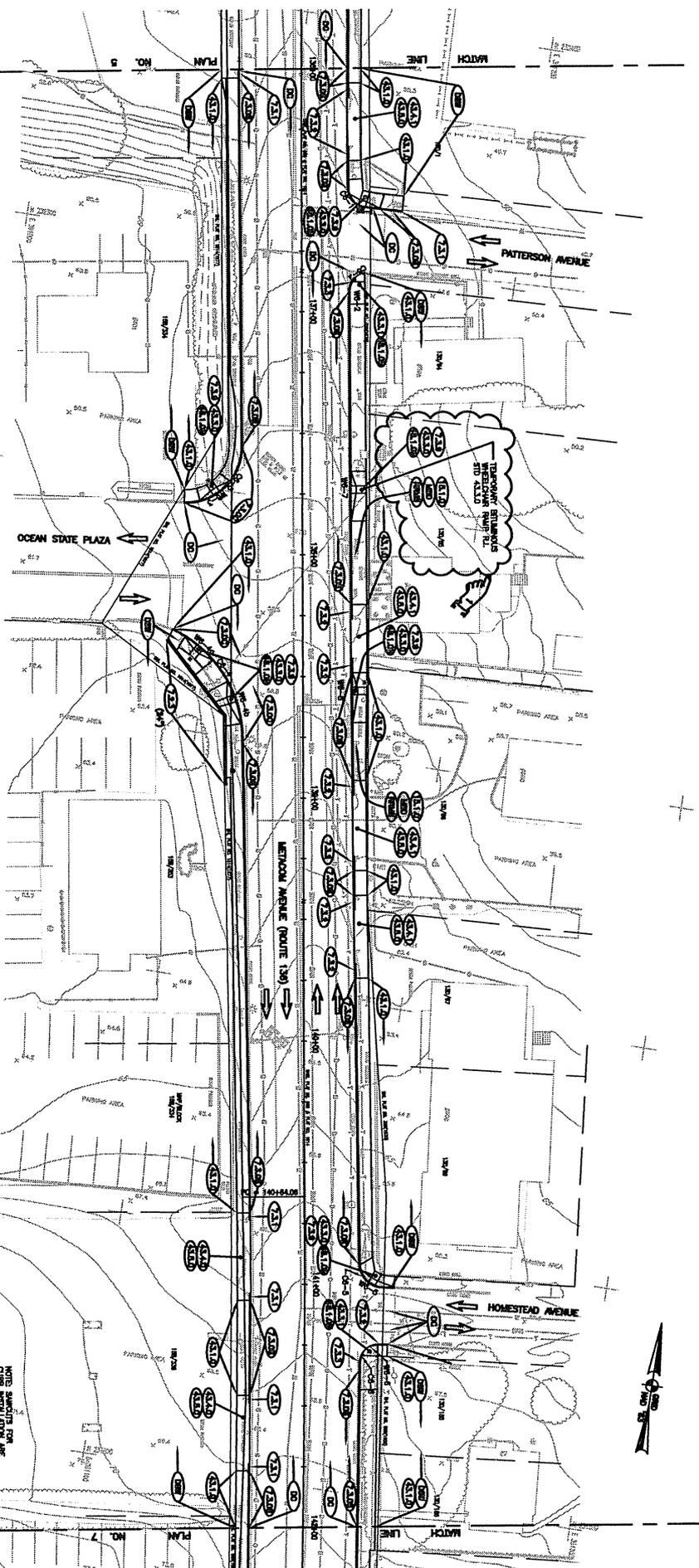
Distribution of Quantities

Project Name - ADA - Metacom Avenue
 Estimate Name - Addendum No. 1
 R.I. Contract No. - 2011-CH-063
 FAP Nos: STP-AWDA(025)

<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
128	T06.5030 Cont.	SOUTHWEST CORNER		50.00	0004	01
		METACOM @ OCEAN STATE				
		NORTHEAST CORNER		8.00	0004	01
		SOUTHWEST CORNER		8.00	0004	01
		METACOM @ ROSA				
		AS SHOWN ON TRAFFIC PLAN #1		30.00	0004	01
		METACOM @ VERNON				
		NORTHEAST CORNER		15.00	0004	01
		SOUTHWEST CORNER		5.00	0004	01
Item T06.5030 Total:				196.00		

REV	DATE	BY	DESCRIPTION
1			

R-1



WHEELCHAIR RAMP DATA

WCR NO.	STATION	LOCATION	CROSSIT	WIDTH OF	WIDTH OF	SLOPING	CUTTER	TRANSVERSE SLOPE	
								LEFT SIDE	RIGHT SIDE
WR-1	1+00.00	WHEELCHAIR RAMP	24.4' LT	6.0'	3.0'	0.00%	0.00%	6.0'	6.0'
WR-2	1+100.00	WHEELCHAIR RAMP	23.5' LT	6.0'	3.0'	3.00%	0.00%	6.0'	11.5'
WR-3	1+200.00	WHEELCHAIR RAMP	34.6' RT	6.0'	3.0'	16.17%	6.0'	6.0'	6.0'
WR-4	1+300.00	WHEELCHAIR RAMP	41.2' RT	6.0'	3.0'	3.83%	6.0'	6.0'	6.0'
WR-5	1+400.00	WHEELCHAIR RAMP	27.4' RT	6.0'	3.0'	2.88%	6.0'	6.0'	6.0'
WR-6	1+500.00	WHEELCHAIR RAMP	27.2' LT	6.0'	3.0'	1.84%	6.0'	6.0'	6.0'
WR-7	1+600.00	WHEELCHAIR RAMP	28.7' LT	6.0'	3.0'	4.83%	6.0'	16.0'	16.0'
WR-8	1+700.00	WHEELCHAIR RAMP	18.7' LT	6.0'	3.0'	3.13%	6.0'	6.0'	11.5'

EDGE OF ROAD CURVE DATA

CURVE NO.	Δ	R	T	L
04-1	120.00°	8'	2.1'	11.6'
04-2	79.1732°	8'	6.6'	11.1'
04-3	92.7176°	23'	23.2'	37.1'
04-4	93.5323°	50'	31.1'	50.5'
04-5	82.9176°	10'	6.2'	14.6'
04-6	91.9245°	8'	8.2'	12.2'

Maple Group Inc.
288 Quipua Street
Providence, Rhode Island 02906



DEPARTMENT OF TRANSPORTATION
 ADA IMPROVEMENTS TO
 METACOM AVENUE (RTE. 136)
 WARREN, RHODE ISLAND
 GENERAL PLAN NO. 6

DESIGNED BY: _____ DATE: _____ SCALE: 1"=20'
 07/17/11, 01/14, 03/29/10, 03/01/11

NOTES: SHOWN FOR
 THIS IMPROVEMENT
 SEE NOTES AND DETAILS
 SHEET NO. 1 FOR SWIFT
 LOCATIONS

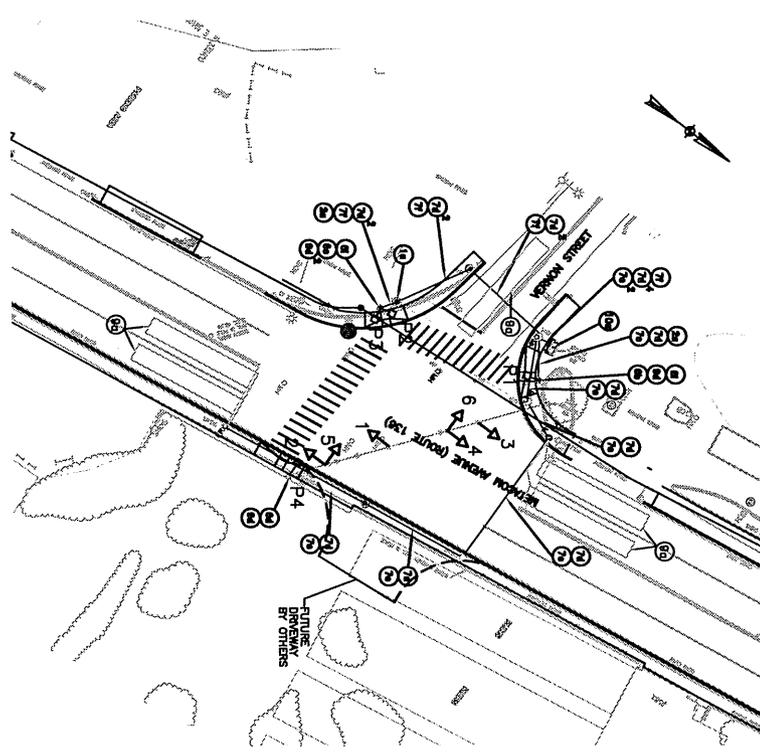
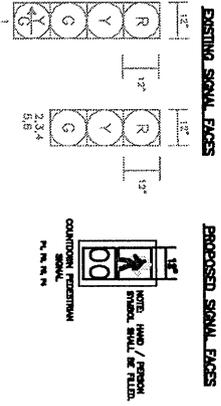
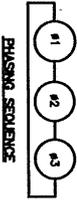
APPENDIX NO. 1

REV	DATE	BY	DESCRIPTION
1	01/14/14	MM	ISSUED FOR CONSTRUCTION

R-1

APPROACH	DIRECTION HOUSING	SEQUENCE AND TIMING PHASIS				FLASHING OPERATION
		#1	#2	#3	#4	
MINIMUM INTERVAL		5	5	5	5	
VEHICLE EXTENSION		2.4	2.4	2.1	2.1	
MAXIMUM 1		7	5.3	1.4	1.4	
MAXIMUM 2		7	5.3	1.4	1.4	
YELLOW CLEARANCE		4	4	4	4	
RED CLEARANCE		1	3	2	1	
FED. WALK CLEARANCE						
METACOM AVENUE	NB	1	2	3	4	Y
METACOM AVENUE	SB	2	3	4	1	Y
METACOM AVENUE	EB	3,4	4	1	2	Y
VERNON STREET	EB	5,6	6	1	2	R
PEDESTRIAN	NB	1,2	2,3	3,4	4,1	DAK
PEDESTRIAN	SB	2,3	3,4	4,1	1,2	DAK
DETECTOR		NON-LOCK	NON-LOCK	NON-LOCK	NON-LOCK	
RECALL		OFF	OFF	OFF	OFF	

SEQUENCE AND TIMING NOTES:
 1. MAXIMUM 1 = PM PEAK
 2. MAXIMUM 2 = AM PEAK
 3. FED. W/DM UPON PUSHBUTTON ACTUATION ONLY



TRAFFIC SIGNAL LEGEND

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REVISION	NO.	DATE	BY
	1	01/14/14	MM
RHODE ISLAND DEPARTMENT OF TRANSPORTATION ADA IMPROVEMENTS TO METACOM AVENUE (RTE. 136) WARREN RHODE ISLAND TRAFFIC SIGNAL PLAN #3 METACOM / VERNON STREET CHECKED BY: <u>MM</u> DATE: <u>01/14/14</u> DRAWN BY: <u>MM</u> DATE: <u>01/14/14</u>			

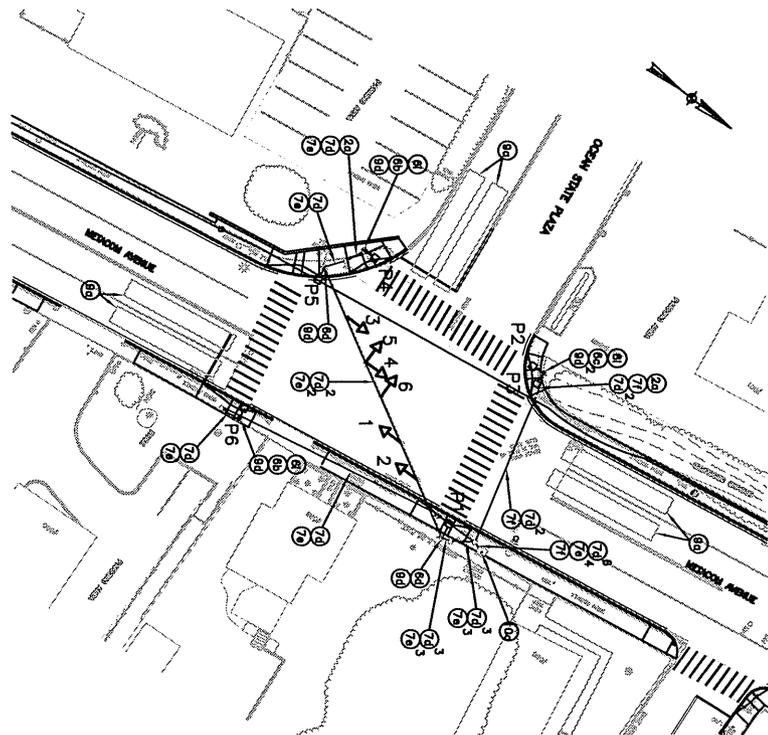
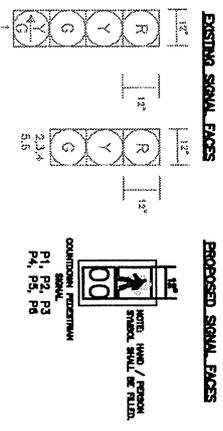
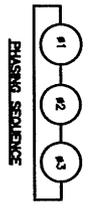
Maguire Group Inc.
 Architects/Engineers/Planners
 283 Cappona Street
 Providence, Rhode Island 02903

REV	DATE	BY	REASON
1	RE	RE	REVISED

R-1

APPROACH	DIRECTION	HOUSING	#1	#2	#3	FLASHING OPERATION
MINIMUM INTERVAL			5	5	5	
VEHICLE EXTENSION			2.1	2.4	2.4	
WAYMOUTH 1			6	52	18	
WAYMOUTH 2			6	52	18	
YELLOW CLEARANCE			4	4	4	
RED CLEARANCE			1	1	1	
RED WALK/CLEARANCE						
METACOM AVENUE	N/S	1	R	G	Y	R
METACOM AVENUE	N/S	2	G	G	Y	R
METACOM AVENUE	N/S	3	R	R	Y	R
METACOM AVENUE	N/S	3.4	R	R	Y	R
OCEAN STATE PLAZA	EB	5.0	R	R	Y	R
OCEAN STATE PLAZA	EB	5.0	R	R	Y	R
PEDESTRIAN			R	R	Y	R
PEDESTRIAN			R	R	Y	R
DETECTOR						
RECALL						

SEQUENCE AND TIMING NOTES:
 1. WAYMOUTH 1 - AM PEAK
 2. WAYMOUTH 2 - PM PEAK
 3. RED W/THRU UPON PUSHBUTTON ACTIVATION ONLY



TRAFFIC SIGNAL LEGEND

701.010 to 701.015: Traffic Signal Controller (TSC) - 1200
 701.016 to 701.020: Traffic Signal Controller (TSC) - 1200
 701.021 to 701.025: Traffic Signal Controller (TSC) - 1200
 701.026 to 701.030: Traffic Signal Controller (TSC) - 1200
 701.031 to 701.035: Traffic Signal Controller (TSC) - 1200
 701.036 to 701.040: Traffic Signal Controller (TSC) - 1200
 701.041 to 701.045: Traffic Signal Controller (TSC) - 1200
 701.046 to 701.050: Traffic Signal Controller (TSC) - 1200
 701.051 to 701.055: Traffic Signal Controller (TSC) - 1200
 701.056 to 701.060: Traffic Signal Controller (TSC) - 1200
 701.061 to 701.065: Traffic Signal Controller (TSC) - 1200
 701.066 to 701.070: Traffic Signal Controller (TSC) - 1200
 701.071 to 701.075: Traffic Signal Controller (TSC) - 1200
 701.076 to 701.080: Traffic Signal Controller (TSC) - 1200
 701.081 to 701.085: Traffic Signal Controller (TSC) - 1200
 701.086 to 701.090: Traffic Signal Controller (TSC) - 1200
 701.091 to 701.095: Traffic Signal Controller (TSC) - 1200
 701.096 to 701.100: Traffic Signal Controller (TSC) - 1200

Maguire Group Inc.
 Architects/Engineers/Planners
 225 Chapman Street
 Providence, Rhode Island 02903

REVISION	NO.	DATE	BY
	1		

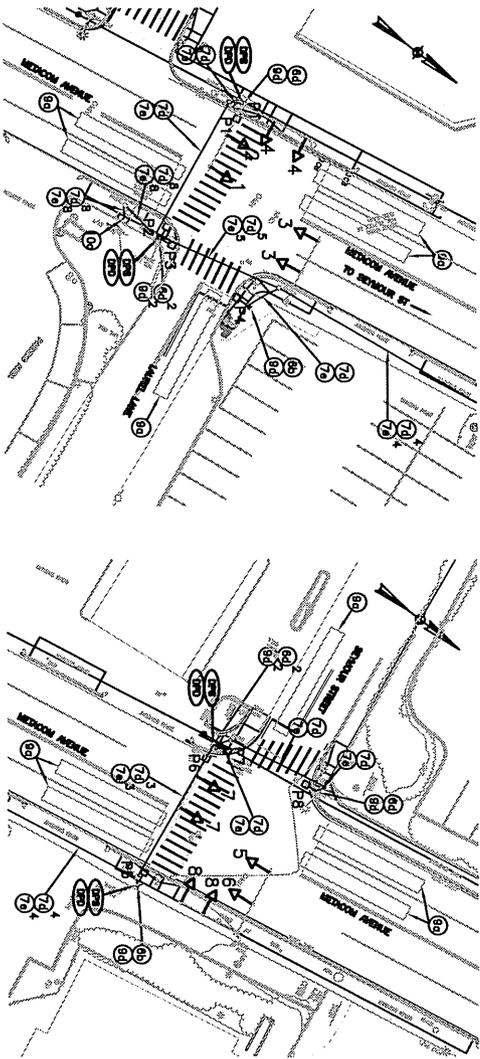
TRAFFIC SIGNAL PLAN #4
 METACOM / OCEAN STATE PLAZA
 WARREN
 RHODE ISLAND

ORDERED BY: _____ DATE: _____ SCALE: _____

ADDENDUM NO. 1
 TRAFFIC SIGNAL 102

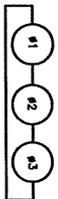
REV	DATE	REVISION	BY	CHK
1				

R-1

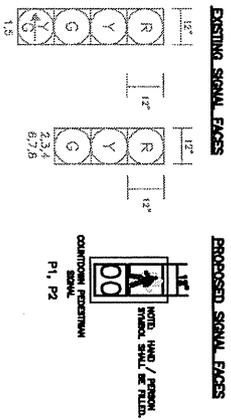


SIGNAL SETTINGS

711.4210 4 - 30 Sec. Yellow (Preemptive) (100%)
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 711.4210 77 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 78 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 79 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 80 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 81 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 82 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 83 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 84 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 85 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 86 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 87 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 88 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 89 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 90 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 91 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 92 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 93 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 94 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 95 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 96 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 97 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 98 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 99 - 30 Sec. Yellow (Preemptive) (100%)
 711.4210 100 - 30 Sec. Yellow (Preemptive) (100%)



FLASHING SEQUENCE



- SEQUENCE AND TIMING NOTES:**
1. MAXIMUM 1 = AM PEAK
 2. MAXIMUM 2 = PM PEAK
 3. PEEL W/RTM UPON PUSHBUTTON ACTIVATION ONLY.

APPROACH	DIRECTION/ROHSING	SEQUENCE AND TIMING DIAGRAM				FLASHING OPERATION
		#1	#2	#3		
MINIMUM INTERVAL		7	7	7		
VEHICLE EXTENSION		2.7	2.4	2.4		
MAXIMUM 1		51	13	13		
MAXIMUM 2		51	13	13		
YELLOW CLEARANCE		4	3	3		
RED CLEARANCE						
PEEL WALK/CLEARANCE		1	1	1		
METACOM AVENUE SB	1	G	R	G	G	Y
METACOM AVENUE NB	2	G	R	G	G	Y
METACOM AVENUE WB	3	G	R	G	G	Y
LAUREL LANE WB	4	R	G	R	R	Y
METACOM AVENUE NB	5	G	R	G	G	Y
METACOM AVENUE SB	6	G	R	G	G	Y
METACOM AVENUE SB	7	G	R	G	G	Y
SEYMOUR STREET EB	8	R	R	R	R	Y
SEYMOUR STREET WB	9	R	R	R	R	Y
SEYMOUR STREET NB	10	R	R	R	R	Y
SEYMOUR STREET SB	11	R	R	R	R	Y
SEYMOUR STREET EB	12	R	R	R	R	Y
SEYMOUR STREET WB	13	R	R	R	R	Y
SEYMOUR STREET NB	14	R	R	R	R	Y
SEYMOUR STREET SB	15	R	R	R	R	Y
SEYMOUR STREET EB	16	R	R	R	R	Y
SEYMOUR STREET WB	17	R	R	R	R	Y
SEYMOUR STREET NB	18	R	R	R	R	Y
SEYMOUR STREET SB	19	R	R	R	R	Y
SEYMOUR STREET EB	20	R	R	R	R	Y
SEYMOUR STREET WB	21	R	R	R	R	Y
SEYMOUR STREET NB	22	R	R	R	R	Y
SEYMOUR STREET SB	23	R	R	R	R	Y
SEYMOUR STREET EB	24	R	R	R	R	Y
SEYMOUR STREET WB	25	R	R	R	R	Y
SEYMOUR STREET NB	26	R	R	R	R	Y
SEYMOUR STREET SB	27	R	R	R	R	Y
SEYMOUR STREET EB	28	R	R	R	R	Y
SEYMOUR STREET WB	29	R	R	R	R	Y
SEYMOUR STREET NB	30	R	R	R	R	Y
SEYMOUR STREET SB	31	R	R	R	R	Y
SEYMOUR STREET EB	32	R	R	R	R	Y
SEYMOUR STREET WB	33	R	R	R	R	Y
SEYMOUR STREET NB	34	R	R	R	R	Y
SEYMOUR STREET SB	35	R	R	R	R	Y
SEYMOUR STREET EB	36	R	R	R	R	Y
SEYMOUR STREET WB	37	R	R	R	R	Y
SEYMOUR STREET NB	38	R	R	R	R	Y
SEYMOUR STREET SB	39	R	R	R	R	Y
SEYMOUR STREET EB	40	R	R	R	R	Y
SEYMOUR STREET WB	41	R	R	R	R	Y
SEYMOUR STREET NB	42	R	R	R	R	Y
SEYMOUR STREET SB	43	R	R	R	R	Y
SEYMOUR STREET EB	44	R	R	R	R	Y
SEYMOUR STREET WB	45	R	R	R	R	Y
SEYMOUR STREET NB	46	R	R	R	R	Y
SEYMOUR STREET SB	47	R	R	R	R	Y
SEYMOUR STREET EB	48	R	R	R	R	Y
SEYMOUR STREET WB	49	R	R	R	R	Y
SEYMOUR STREET NB	50	R	R	R	R	Y
SEYMOUR STREET SB	51	R	R	R	R	Y
SEYMOUR STREET EB	52	R	R	R	R	Y
SEYMOUR STREET WB	53	R	R	R	R	Y
SEYMOUR STREET NB	54	R	R	R	R	Y
SEYMOUR STREET SB	55	R	R	R	R	Y
SEYMOUR STREET EB	56	R	R	R	R	Y
SEYMOUR STREET WB	57	R	R	R	R	Y
SEYMOUR STREET NB	58	R	R	R	R	Y
SEYMOUR STREET SB	59	R	R	R	R	Y
SEYMOUR STREET EB	60	R	R	R	R	Y
SEYMOUR STREET WB	61	R	R	R	R	Y
SEYMOUR STREET NB	62	R	R	R	R	Y
SEYMOUR STREET SB	63	R	R	R	R	Y
SEYMOUR STREET EB	64	R	R	R	R	Y
SEYMOUR STREET WB	65	R	R	R	R	Y
SEYMOUR STREET NB	66	R	R	R	R	Y
SEYMOUR STREET SB	67	R	R	R	R	Y
SEYMOUR STREET EB	68	R	R	R	R	Y
SEYMOUR STREET WB	69	R	R	R	R	Y
SEYMOUR STREET NB	70	R	R	R	R	Y
SEYMOUR STREET SB	71	R	R	R	R	Y
SEYMOUR STREET EB	72	R	R	R	R	Y
SEYMOUR STREET WB	73	R	R	R	R	Y
SEYMOUR STREET NB	74	R	R	R	R	Y
SEYMOUR STREET SB	75	R	R	R	R	Y
SEYMOUR STREET EB	76	R	R	R	R	Y
SEYMOUR STREET WB	77	R	R	R	R	Y
SEYMOUR STREET NB	78	R	R	R	R	Y
SEYMOUR STREET SB	79	R	R	R	R	Y
SEYMOUR STREET EB	80	R	R	R	R	Y
SEYMOUR STREET WB	81	R	R	R	R	Y
SEYMOUR STREET NB	82	R	R	R	R	Y
SEYMOUR STREET SB	83	R	R	R	R	Y
SEYMOUR STREET EB	84	R	R	R	R	Y
SEYMOUR STREET WB	85	R	R	R	R	Y
SEYMOUR STREET NB	86	R	R	R	R	Y
SEYMOUR STREET SB	87	R	R	R	R	Y
SEYMOUR STREET EB	88	R	R	R	R	Y
SEYMOUR STREET WB	89	R	R	R	R	Y
SEYMOUR STREET NB	90	R	R	R	R	Y
SEYMOUR STREET SB	91	R	R	R	R	Y
SEYMOUR STREET EB	92	R	R	R	R	Y
SEYMOUR STREET WB	93	R	R	R	R	Y
SEYMOUR STREET NB	94	R	R	R	R	Y
SEYMOUR STREET SB	95	R	R	R	R	Y
SEYMOUR STREET EB	96	R	R	R	R	Y
SEYMOUR STREET WB	97	R	R	R	R	Y
SEYMOUR STREET NB	98	R	R	R	R	Y
SEYMOUR STREET SB	99	R	R	R	R	Y
SEYMOUR STREET EB	100	R	R	R	R	Y

0" 10' 20' 40'

Agustine Group Inc.
 Architects/Engineers/Planners
 200 Chapman Street
 Providence, Rhode Island 02903

ADDENDUM NO. 1
 TRAFFIC SIGNAL 102 & 175

WARREN, RHODE ISLAND
 METACOM AVENUE (RTE. 136)
 TRAFFIC SIGNAL PLAN #5
 METACOM / SEYMOUR STREET
 METACOM / LAUREL LANE

ORDERED BY: DATE: SCALE:

