

### Solicitation Information

**BID # 7458409**

**TITLE: 2013-DF-034 SANDY REPAIRS TO SACHUEST ROAD  
MIDDLETOWN, RI**

**Submission Deadline: 1/4/13 – 1:00 P.M.**

Bidders are advised that, due to the emergency nature of the repairs identified in this solicitation, a general scope of work and description only is provided. The available documents are contained herein, and are the only available specifications that will be provided for this procurement.

A total lump sum bid proposal is required, and will be the basis for award, however where there are multiple sites identified, a lump sum breakdown is required.

BID PROPOSALS MUST BE DELIVERED TO **THE DIVISION OF PURCHASES , ONE CAPITOL HILL, PROVIDENCE, RI AT THE DATE AND TIME NOTED ABOVE,** AND MUST INCLUDE THE FOLLOWING:

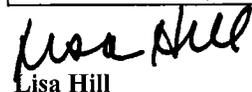
- BID PROPOSAL FORM WITH TOTAL LUMP SUM PRICE
- BID SURETY
- LUMP SUM BREAKDOWN OF SITE, IF MULTIPLE SITES ARE IDENTIFIED
- THREE-PAGE BIDDER CERTIFICATION COVER FORM
- FEDERAL FORMS, COMPLETED (LOBBYING FORM, DISCLOSURE FORM, ANTI-COLLUSION FORM)
- LATE BIDS SHALL NOT BE ACCEPTED. PROPOSALS MISDIRECTED TO OTHER STATE LOCATIONS OR WHICH ARE OTHERWISE NOT SUBMITTED TO THE DIVISION OF PURCHASES PRIOR TO THE TIME OF THE OPENING FOR ANY CAUSE WILL BE DETERMINED TO BE LATE AND SHALL NOT BE CONSIDERED. THE 'OFFICIAL' TIME CLOCK IS IN THE RECEPTION AREA OF THE DIVISION OF PURCHASES.
- PUBLIC COPY REQUIREMENT- DUE TO THE ANTICIPATED BID VALUE IN EXCESS OF \$750,000 , BIDDERS ARE REQUIRED TO SUBMIT A "PUBLIC COPY" OF BIDS IN ACCORDANCE WITH R.I. GEN. LAWS 37-2-18(j). THIS PUBLIC COPY MAY BE SUBMITTED ON EITHER A READABLE CD OR HARD (PAPER) COPY FOR THIS EMERGENCY PROCUREMENT.

**SURETY REQUIRED: YES**

**BOND REQUIRED: YES**

**PRE-BID: NONE**

**DISKS CONTAINING PLANS AND SPECIFICATIONS ARE ALSO AVAILABLE FOR PICK UP AT DOT, 2 CAPITOL HILL, ROOM 108, PROVIDENCE, RI BETWEEN THE HOURS OF 8:00-4:00 P.M. M-F**



Lisa Hill  
Chief Buyer

Vendors must register on-line at the State Purchasing Website at [www.purchasing.ri.gov](http://www.purchasing.ri.gov)

**Note to Vendors:** Offers received without the completed RIVP Generated Bidder Certification Form may result in disqualification.



State of Rhode Island Department of Administration  
Division of Purchases

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISED  
December 11, 2012

**NOTICE TO HIGHWAY AND BRIDGE CONTRACTORS  
BIDDING ON PUBLIC WORKS PROJECTS**

Effective **January 1, 2013** all Public Works related project proposals exceeding Five Hundred Thousand (\$500,000) are required to include a “public copy”. All agency contract solicitations, invitations for bids, etc. shall state that any bid or proposal that exceeds Five Hundred Thousand (\$500,000) dollars must include a copy to be available for public inspection upon the opening of the bids. Any bid or proposal in excess of Five Hundred Thousand (\$500,000) dollars which does not include a copy for public inspection shall be deemed to be non-responsive. For further information see R.I. Gen. Laws § 37-2-18(j) and the State Procurement Regulations at [www.purchasing.ri.gov](http://www.purchasing.ri.gov). Regulation Section 5.13 entitled “Bids Governing Highway and Bridge Construction Projects” applies to all Department of Transportation public works projects exceeding Five Hundred Thousand (\$500,000) dollars and any combination of base bid plus all alternates.

Effective immediately all Rhode Island Department of Transportation Highway and Bridge contractors submitting proposals to the Division of Purchases shall submit a duplicate original of a vendor’s Quest Lite compatible electronic copy on a readable compact disc, which shall satisfy the statutory “public copy” requirement for Public Works related projects.

The following conditions are required:

5.13 BIDS GOVERNING HIGHWAY AND BRIDGE CONSTRUCTION PROJECTS

5.13.1 All proposals submitted in response to Rhode Island Department of Transportation solicitations for FHWA funded highway or bridge construction project shall include duplicate original compact disks (CD).

5.13.2 All bid proposals shall be opened publicly.

5.13.3 The Division of Purchases shall acknowledge, in the purchasing bid room, the submission by each bidder of both a paper copy of its proposal together with duplicate (2) copies of the

proposal on electronic compact disks (CD) which shall be compatible with software required the Rhode Island Department of Transportation pursuant to Section 12 of these regulations.

5.13.4 If the software program utilized by the Rhode Island Department of Transportation in accordance with Section 12 of these regulations is inoperable during the bid opening, then the Division of Purchases may read the bid price from the submitted hard copy and make the electronic version available for public inspection when the software program is online and properly functioning. Alternatively, the Purchasing Agent or his or her designee may document all proposals received and continue a bid opening for a date and time when the software is online and functioning. An addendum shall be posted for public viewing on the Rhode Island Vendor Information Program indicating the date and time for continuation of the bid opening.

5.13.5 All bids received at the initial bid opening shall be securely held within the Division of Purchases and no additional proposals, documents, or amendments thereto will be accepted by the Division of Purchases. The Division of Purchases shall not modify or amend a solicitation once bid opening has commenced.

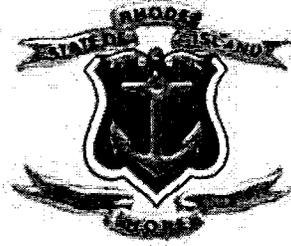
5.13.6 An abstract copy of all responsive bid proposals which includes itemized pricing and total summary shall be posted for public viewing on the Rhode Island Vendor Information Program by the close of business on the day of bid opening.

**NOTE:** Contractor's must follow all instructions relating to Electronic bidding procedures Quest Lite Upgrade which are defined in the "Notice to Highway and Bridge Contractors" amended January 1, 2011.

**NOTE:** Failure to submit a duplicate original electronic file in high density (HD) compacted disk (CD) generated from the Quest Lite software marked "public copy", as required by R.I.Gen. Laws § 37-2-18(j), as amended, shall result in the disqualification of said bid.

For technical assistance, contact the Division of Purchases office at 574-8100.

RHODE ISLAND DIVISION OF PURCHASES  
HURRICANE SANDY BID PROPOSAL FORM



PROJECT NO. 2013-DF-034

BID A TOTAL PRICE TO FURNISH ALL LABOR, MATERIALS AND EQUIPMENT, AND INCIDENTALS WITH TRAFFIC CONTROL IN CONFORMANCE MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) REQUIREMENTS TO PERFORM REPAIRS AS DESCRIBED IN THE BID DOCUMENTS.

The breakdown for each Hurricane ID is as follows:

HRS-012     \$ \_\_\_\_\_

\$ \_\_\_\_\_  
                    NUMERICAL

\$ \_\_\_\_\_  
                    WRITTEN WORDS

\*NOTE: WORDS AND NUMBERS MUST MATCH. PROPOSALS OFFERING DIFFERENT AMOUNTS WILL BE REJECTED.

BID PROPOSAL MUST BE ACCOMPANIED BY THE ATTACHED BIDDER CERTIFICATION FORM.

SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH AN INSURANCE CERTIFICATE IDENTIFYING THE STATE OF RHODE ISLAND DEPARTMENT OF TRANSPORTATION AS THE ADDITIONAL INSURED.

RHODE ISLAND DIVISION OF PURCHASES  
HURRICANE SANDY BID PROPOSAL FORM

LIMITS OF LIABILITY ARE AS IDENTIFIED IN ITEM 31 STATE OF RHODE ISLAND  
CONDITIONS OF PURCHASE WHICH CAN BE VIEWED AT THE FOLLOWING  
WEBSITE:

<http://www.purchasing.ri.gov/RIVIP/publicdocuments/ATTA.pdf>

IF THE CONTRACTOR VALUE EXCEEDS \$50,000 THE SUCCESSFUL BIDDER WILL BE  
REQUIRED TO FURNISH A PERFORMANCE AND PAYMENT BOND FOR 100% OF THE  
CONTRACT VALUE WITHIN THREE (3) DAYS OF REQUEST. FAILURE TO FURNISH  
SAID BOND WILL RESULT IN DISQUALIFICATION.

ALL WORK PERFORMED IN CONJUNCTION WITH THIS PROJECT SHALL BE  
COMPLETED IN ACCORDANCE WITH THE RHODE ISLAND DEPARTMENT OF  
TRANSPORTATION STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE  
CONSTRUCTION, 2004 EDITION, COMPILATIONS OF APPROVED  
SPECIFICATIONS, REQUIRED CONTRACT PROVISIONS FOR FEDERAL AID  
CONSTRUCTION CONTRACTS, GENERAL PROVISIONS, RHODE ISLAND STANDARD  
DETAILS, RHODE ISLAND BRIDGE STANDARD DETAILS, FEDERAL WAGE RATES,  
CONTRACT SPECIFIC GENERAL PROVISIONS, JOB-SPECIFIC SPECIFICATIONS,  
DISTRIBUTION OF QUANTITIES, APPENDICES (IF APPLICABLE).

DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

# DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352 - 0348-0046  
(see reverse for public burden disclosure)

<p>1. Type of Federal Action:</p> <div style="display: flex; align-items: flex-start;"> <input style="width: 30px; height: 20px; margin-right: 10px;" type="checkbox"/> <ul style="list-style-type: none"> <li>a. contract</li> <li>b. grant</li> <li>c. cooperative agreement</li> <li>d. loan</li> <li>e. loan guarantee</li> <li>f. loan insurance</li> </ul> </div>	<p>2. Status of Federal Action:</p> <div style="display: flex; align-items: flex-start;"> <input style="width: 30px; height: 20px; margin-right: 10px;" type="checkbox"/> <ul style="list-style-type: none"> <li>a. bid/offer/application</li> <li>b. initial award</li> <li>c. post-award</li> </ul> </div>	<p>3. Report Type:</p> <div style="display: flex; align-items: flex-start;"> <input style="width: 30px; height: 20px; margin-right: 10px;" type="checkbox"/> <ul style="list-style-type: none"> <li>a. initial filing</li> <li>b. material change</li> </ul> </div> <p>For Material Change Only:          year _____ quarter _____          date of last report _____</p>
<p>4. Name and Address of Report Entity:</p> <p><input checked="" type="checkbox"/> Prime                      <input type="checkbox"/> Subawardee</p> <p style="padding-left: 100px;">Tier ____, if known:</p> <p>Congressional District, if known: _____</p>	<p>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</p> <p>Congressional District, if known: _____</p>	
<p>6. Federal Department Agency:</p>	<p>7. Federal Program Name/Description:</p> <p>CFDA Number, if applicable: _____</p>	
<p>8. Federal Action Number, if known:</p>	<p>9. Award Amount, if known:</p> <p style="text-align: center;">\$ _____</p>	
<p>10. a. Name and Address of Lobbying Entity:</p> <p style="padding-left: 20px;">(if individual, last name, first name, mi):</p>	<p>10. b. Individuals Performing Services (including address if different from No. 10a)</p> <p style="padding-left: 20px;">(last name, first name, mi):</p>	
<p>11. Amount of Payment (check all that apply)</p> <p>\$ _____                      <input type="checkbox"/> actual    <input type="checkbox"/> planned</p>	<p>13. Type of Payment (check all that apply):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> a. retainer</li> <li><input type="checkbox"/> b. one-time fee</li> <li><input type="checkbox"/> c. commission</li> <li><input type="checkbox"/> d. contingent fee</li> <li><input type="checkbox"/> e. deferred</li> <li><input type="checkbox"/> f. other; specify: _____</li> </ul>	
<p>12. Form of Payment (check all that apply):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> a. cash</li> <li><input type="checkbox"/> b. in-kind; specify: nature _____ value _____</li> </ul>		
<p>14. Brief Description of Services Performed or to be Performed and Date(s) of Service, including officer(s), employee(s), or Member(s) contracted, for Payment indicated in Item 11 (Attach Continuation Sheet(s) SF-LLL-A, if necessary):</p>		
<p>15. Continuation Sheet(s) SF-LLL-A attached:    <input type="checkbox"/> yes    <input checked="" type="checkbox"/> no</p>		
<p>16. Information requested through this form is authorized by title 31 U.S.C. section 1352. this disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature: _____</p> <p>Print Name: _____</p> <p>Title: _____</p> <p>Telephone No: _____ Date: _____</p>	
<p><b>For Federal use Only:</b></p>	<p style="text-align: right;">Authorized for Local Reproduction Standard Form - LLL-A</p>	

## DISCLOSURE OF LOBBYING ACTIVITIES CONTINUATION SHEET

Reporting Entity: \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

## **CONFLICTS DISCLOSURE POLICY**

To ensure that the Rhode Island Department of Transportation (RIDOT) maintains the continued confidence and trust of the people of Rhode Island in carrying out its mission, prospective vendors must disclose any family (or other personal) relationships, associations or connections that the vendor, its affiliates, or employees, may currently have with any RIDOT employee. A Conflicts Disclosure Statement shall be submitted to RIDOT from the following:

- ❖ Owners;
- ❖ Directors;
- ❖ Principals;
- ❖ Officers, board members, or individuals with corporate authority;
- ❖ If the vendor is a partnership, the applicant's partners;
- ❖ If the vendor is a limited liability company, its members and managers;
- ❖ Employees with decision-making authority, including executive directors, managers or individuals in a similar position with corporate authority; and
- ❖ Shareholders with a controlling interest.



**CERTIFICATION REGARDING DEBARMENT, SUSPENSION  
AND OTHER RESPONSIBILITY MATTERS  
PRIMARY COVERED TRANSACTIONS**

In accordance with the code of Federal Regulations, Part 49 CFR Section 29.510, the prospective primary participant \_\_\_\_\_ (name of Authorized Agent), \_\_\_\_\_ (Title), being duly sworn (or under penalty of perjury under the laws of the United States), certifies to the best of his/her knowledge and belief, that its principals:

- a. Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
- b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification;
- d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall list exceptions below.

Exceptions will not necessarily result in denial of award, but, will be considered in determining contractor responsibility. For any exception noted, indicate below to whom it applies, the initiating agency, and the dates of the action. Providing false information may result in criminal prosecution or administrative sanctions. If an exception is noted the contractor must contact the Department to discuss the exception prior to award of the contract.

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\_\_\_\_\_  
Signature of Authorized Agent

\_\_\_\_\_  
Date

Revised: 4/12/2002

**ANTI-COLLUSION CERTIFICATE FOR CONTRACT AND FORCE ACCOUNT  
[Unsworn Declaration]**

Title 23, United States Code, Section 112(c), requires, as a condition precedent to approval by the Director of Public Roads of the contract for this work, that there be filed an unsworn declaration executed by, on behalf of, the person, firm, association, or corporation submitting the bid certifying that such person, firm, association, or corporation has not either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action, in restraint of free competitive bidding in connection with the submitted bid. This unsworn statement shall be in the form of a declaration executed under penalty of perjury under the laws of the United States.

To the: **STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
DEPARTMENT OF TRANSPORTATION, DIVISION OF PUBLIC WORKS**

State of \_\_\_\_\_

County of \_\_\_\_\_

I, \_\_\_\_\_, \_\_\_\_\_, under penalty under the laws of the United States, do depose and say:

On behalf of \_\_\_\_\_, of \_\_\_\_\_ that said Contractor has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with Rhode Island Contract Number , Federal-Aid Project Number , County of , Town-City , Road-Bridge .

# HURRICANE SANDY DAMAGE GUIDELINES

## Hurricane Sandy Damage Proposal Protocol

1. Talk with Engineering to obtain photos or take your own for repair location.
2. Verify scope with engineering and your supervisor.
3. Meet with a minimum of two contractors together at the site to discuss the scope of restoration. Obtain proposal from the two contractors, within 24 hours, and forward to the main office. Proposal for work should be lump sum based on the estimated scope from discussions with you and engineering, and supervisor. The contractor's proposal must include schedule for start and completion for work as well as a bond (for restoration/repair work over \$50,000 only).
4. Contract Administration office will provide a letter of approval to start work and Construction Management Office will authorize RE to start work
5. Construction Management Office to give copies of proposal and projected completion date to Engineering Office to update spreadsheet.
6. Engineering will set up paperwork for FHWA funding
7. Resident Engineer/Inspector to document activity using daily activity reports and photos.
8. Supervisor must be notified of completed work, perform final inspection with Office of Quality Compliance and Review to accept work and authorize payment.

## General Guidelines

1. All work and materials must comply with RI Standards and Specifications.
2. Stay within the original scope of work unless otherwise approved by Construction Management Office.
3. Erosion controls are required, where appropriate
4. All traffic controls must be installed per the MUTCD

## Construction Guidelines

1. Repairs are to be kept to a minimum, but restored to original line and grade
2. Materials section must be contacted accordingly for appropriate test as required
3. Paved shoulder repairs/roadways should be leveled, backfilled with appropriate material, compacted, paved and striped
4. All paved shoulder/roadway restoration, cut and match line, should be located on the roadway edge line. If the washout is beyond the edge line the cut and match line should be the center of the travel lane. If greater

than ½ of the travel lane... cut and match at the centerline of the roadway.  
**DO NOT LOCATE JOINTS IN THE WHEELPATH**

Roadway repairs should include, but not be limited to the following. Saw cut pavement, remove pavement, backfill with gravel borrow subbase and restore flexible pavement in-kind.

5. Landscape shoulders must be restored and stabilized with appropriate materials such as jute mesh, fabric or just plantable soil and seed
6. If the roadway/bridge is closed, this will be considered a priority and the contractor should base his proposal on working a minimum of 12 hours per day and work will take place six days per week, Monday thru Saturday.
7. If the roadway/bridge is open to traffic, the contractor proposal should be based on a minimum 8 hours per day and work will take place six days per week, Monday thru Saturday
8. We do not anticipate any overnight work at this time
9. Holiday work is required except on Thanksgiving Day, Christmas Day and New Year's Day

**RI Contract No. 2013-DF-034**  
**Hurricane Sandy**

**SACHUEST POINT ROAD IN MIDDLETOWN**  
**(HRS-012 attached)**

The Contractor shall not use private property to store equipment or materials without written approval of the property owner. All work must be completed from the State Right-of-Way and National Wildlife Refuge lands. No areas shall be disturbed outside the limits of work.

RIDOT will pay for police when they are used. The contractor is required to include flaggers in their bid.

All RIDOT Standard Specifications, latest Compilations and Material Testing requirements apply to this contract.

Milestone Completion Date January 31, 2013; the following work must be completed:

- Remove all debris, riprap/concrete slabs, and sand from the roadway and stockpile on either side of the roadway to a height no greater than 4 feet.
- Establish temporary passable roadway surface, which is smooth and free of humps or depressions.

Substantial Completion Date April 30, 2013; all remaining work must be completed.

The contractor shall not leave exposed gravel on the roadway through the winter.

Should dewatering be necessary, it shall be included in the lump sum cost.

Payment of Lump Sum items will be based on the percentage of work completed. The State will hold 10% of the Lump Sum item until Final Acceptance. A 3% retainage will not be held.

All Construction Layout and Survey shall be included in the lump sum cost.

All pavement layer thickness shall be as required in the project scope. All areas where pavement is removed must be restored within 3 days or the end of the work week.

All pavement markings will be epoxy resin.

Performance Bonds and Insurance are required for all work over \$50,000.

Test pits are required to verify the wall foundation depth for fabric placement on the landfill slope.

The contractor shall certify with their bid that they have sufficient resources to complete the work without having an effect on any existing emergency repair contracts or other RIDOT contracts.

Latest Federal Wage rates shall apply.

Subcontractor agreements must be submitted and accepted by the Department.

RIDOT Hurricane Sandy Guidelines are also attached for your information.

Traffic Control shall conform to the 2009 Manual on Uniform Traffic Control Devices and attached Traffic Related Work Restrictions and temporary traffic control setups.

Approved Class 12.5, and Class 19 mixes shall be used and shall incorporate an approved warm mix additive at the appropriate dosage rate.

In-place recycling will not be considered.

Any costs associated with cold or inclement weather work shall be included in the lump sum cost.

The Contractor shall check and verify the location of all existing utilities both underground and overhead in accordance with the "Dig Safe Program Law" enacted by Rhode Island Legislation. The Contractor should be aware that not all utilities subscribe to the Dig Safe program. If utilities are found to be present, it is the Contractor's responsibility to ensure that all utility companies have been notified and all utilities have been marked prior to commencing work. Any damage to existing utilities shall be replaced or repaired to the satisfaction of the Engineer at no additional cost to the State.

Any damage to the drainage system/utilities caused by the Contractor will be fixed at the Contractor's expense.

Any damage to the existing stone wall or landfill cap caused by the Contractor will be fixed at the Contractor's expense.

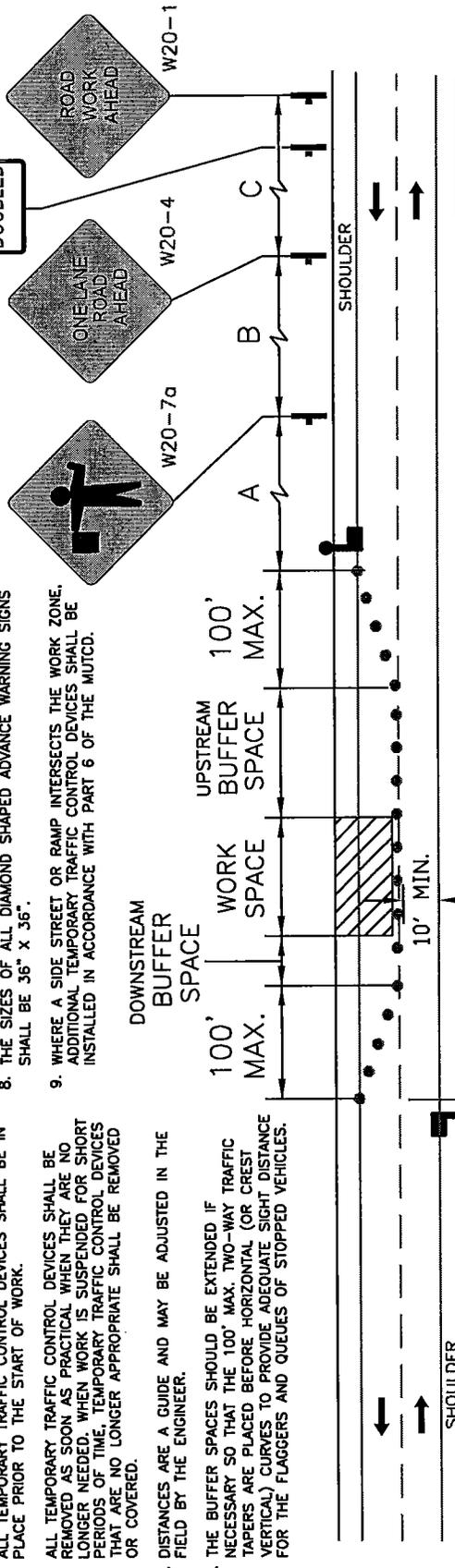
**NOTES:**

1. ALL TEMPORARY TRAFFIC CONTROL SET-UPS AND DEVICES AND THEIR INSTALLATION, MAINTENANCE, AND REMOVAL SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) WITH ALL REVISIONS, AND THE LATEST EDITION OF THE "RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WITH ALL REVISIONS.
2. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK.
3. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED. WHEN WORK IS SUSPENDED FOR SHORT PERIODS OF TIME, TEMPORARY TRAFFIC CONTROL DEVICES THAT ARE NO LONGER APPROPRIATE SHALL BE REMOVED OR COVERED.
4. DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
5. THE BUFFER SPACES SHOULD BE EXTENDED IF NECESSARY SO THAT THE 100' MAX. TWO-WAY TRAFFIC TAPERS ARE PLACED BEFORE HORIZONTAL (OR CREST VERTICAL) CURVES TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND QUEUES OF STOPPED VEHICLES.

6. MAXIMUM SPACING OF CHANNELIZATION DEVICES IN THE 100' MAX. TWO-WAY TRAFFIC TAPERS IS 25 FEET. MAXIMUM SPACING OF CHANNELIZATION DEVICES IN A TANGENT SECTION IS EQUAL IN FEET TO TWO TIMES THE SPEED LIMIT IN MPH.
7. MINIMUM LANE WIDTH IS TO BE 10 FEET UNLESS OTHERWISE SHOWN. MINIMUM LANE WIDTH TO BE MEASURED FROM THE EDGE OF CHANNELIZATION DEVICES OR TEMPORARY BARRIER.
8. THE SIZES OF ALL DIAMOND SHAPED ADVANCE WARNING SIGNS SHALL BE 36" X 36".
9. WHERE A SIDE STREET OR RAMP INTERSECTS THE WORK ZONE, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH PART 6 OF THE MUTCD.

**WORK ZONE**  
TRAFFIC FINES DOUBLED

R.I. Std. 27.1.1  
(SEE STD. FOR SIZES AND INSTALL LOCATION)



**BUFFER LENGTHS**

Speed Limit	Upstream Buffer Space* (feet)
25 MPH	55
30 MPH	85
35 MPH	120
40 MPH	170
45 MPH	220
50 MPH	280

\* Suggested

**MINIMUM ADVANCE WARNING SIGN SPACING**

Posted Speed Limit & Location	Distance Between Signs (feet)		
	A	B	C
30 MPH OR LESS in URBAN OR RURAL AREA	100	100	100
35 MPH OR GREATER in URBAN AREA	350	350	350
35 MPH OR GREATER in RURAL AREA	500	500	500

R.I. Std. 27.1.1



**TYPICAL LANE CLOSURE ON TWO-LANE ROADWAY**

RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION  
TEMPORARY  
TRAFFIC CONTROL PLAN

NOT TO SCALE

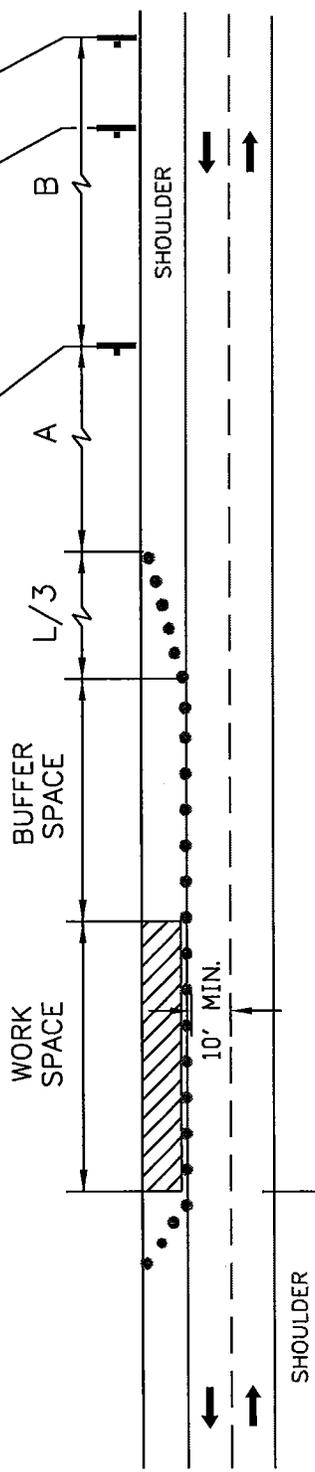
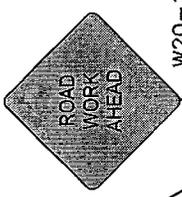
DATE: 12-23-08

**NOTES:**

1. ALL TEMPORARY TRAFFIC CONTROL SET-UPS AND DEVICES AND THEIR INSTALLATION, MAINTENANCE, AND REMOVAL SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) WITH ALL REVISIONS, AND THE LATEST EDITION OF THE "RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" WITH ALL REVISIONS.
2. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK.
3. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED. WHEN WORK IS SUSPENDED FOR SHORT PERIODS OF TIME, TEMPORARY TRAFFIC CONTROL DEVICES THAT ARE NO LONGER APPROPRIATE SHALL BE REMOVED OR COVERED.
4. DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

5. MAXIMUM SPACING OF CHANNELIZATION DEVICES IN A TAPER IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH. MAXIMUM SPACING OF CHANNELIZATION DEVICES IN A TANGENT SECTION IS EQUAL IN FEET TO TWO TIMES THE SPEED LIMIT IN MPH.
6. MINIMUM LANE WIDTH IS TO BE 10 FEET UNLESS OTHERWISE SHOWN. MINIMUM LANE WIDTH TO BE MEASURED FROM THE EDGE OF CHANNELIZATION DEVICES OR TEMPORARY BARRIER.
7. THE SIZES OF ALL DIAMOND SHAPED ADVANCE WARNING SIGNS SHALL BE 36" X 36".
8. WHERE A SIDE STREET OR RAMP INTERSECTS THE WORK ZONE, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH PART 6 OF THE MUTCD.

R.I. Std. 27.1.1  
(SEE STD. FOR SIZES  
AND INSTALL LOCATION)



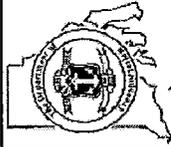
MINIMUM ADVANCE WARNING SIGN SPACING

Posted Speed Limit & Location	Distance Between Signs (FEET)		
	A	B	C
30 MPH OR LESS in URBAN OR RURAL AREA	100	100	100
35 MPH OR HIGHER in URBAN AREA	350	350	350
35 MPH OR HIGHER in RURAL AREA	500	500	500

TAPER AND BUFFER LENGTHS

Speed Limit	Taper Length* (L) Feet	Buffer Space** Feet
25 MPH	125	55
30 MPH	180	85
35 MPH	245	120
40 MPH	320	170
45 MPH	540	220
50 MPH	600	280

\* Required  
\*\* Suggested



# TYPICAL SHOULDER CLOSURE ON TWO-LANE ROADWAY

RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION  
TEMPORARY  
TRAFFIC CONTROL PLAN

NOT TO SCALE

DATE: 12-23-08

## HURRICANE SANDY DAMAGE INVENTORY

### TOWN OF MIDDLETOWN DECEMBER 21, 2012

#### SACHUEST POINT ROAD

HRS-012

Waves and flooding have damaged Sachuest Point Road. The repair of the roadway shall follow the attached plans and includes the following:

#### Milestone Completion Date January 31, 2013:

- Install Erosion Controls
- Stockpile excess rip-rap/concrete slabs on either side of the roadway to a height no greater than 4 feet
- Remove and dispose flexible pavement and place gravel and temporary pavement as necessary, to the satisfaction of the Engineer, in order to establish temporary passable roadway surface, which is smooth and free of humps or depressions.

#### Substantial Completion Date April 30, 2013:

- Remove and dispose fence
- Remove, screen, and reset sand and remove and dispose debris
- Remove and salvage rip-rap/concrete slabs, screen and reset sand, and remove and dispose debris
- Install salvaged riprap/concrete slabs on landfill slope
- Survey existing roadway centerline and edge of pavement horizontal and vertical position at a minimum of 50-foot intervals.
- Provide proposed centerline and edge of pavement elevations for all of the survey points in Excel format, which shall include the coordinates for each elevation. The Contractor shall submit the Excel file to the Engineer and Crossman Engineering (151 Centerville Road, Warwick, RI 02886; 401-738-5660) at the same time. The elevations will be reviewed within 7 business days of the submission.
- The Contractor shall not commence with the placement of the new roadway until the proposed centerline and edge of pavement elevations are approved by the Engineer. This survey shall be considered as construction layout and shall conform to Section 934 of the Specifications.
- Dispose excess rip-rap/concrete slabs
- Remove and dispose flexible pavement and gravel borrow subbase
- Excavate earth
- Place common borrow
- Trim and fine grade

- Place new roadway/shoulder: 2 inches Class 12.5, 4 inches Class 19 with asphalt emulsion tack coat, 6 inches gravel borrow subbase, 8-ounce non-woven filter fabric, 6 inches crushed stone base, heavy duty woven geotextile
- Place stone rip-rap
- Place armor stone, 4-ton minimum
- Place 6-inch crushed-stone bedding for rip-rap
- Place filter fabric for riprap
- Clean and sweep pavement
- Cut and match asphalt
- Loam and seed 4-inch depth
- Install parking signs
- Place epoxy resin pavement markings
- Provide an as-built survey of all work performed
- Traffic Control shall conform to the 2009 Manual on Uniform Traffic Control Devices and attached temporary traffic control setups.

The limits of work are from Third Beach Road to the Sachuest Point National Wildlife Refuge gate, a distance of approximately 3100 feet.

The Contractor shall avoid damaging the existing shrubs and vegetation to the maximum extent practicable.

Any damage to the existing stone wall or landfill cap caused by the Contractor will be fixed at the Contractor's expense.











