

November 17, 2014

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7549029

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2014-CT-081

FEDERAL-AID PROJECT NO. FAP Nos: CMAQ-VMSN(003)

Statewide DMS Installation

I-295, I-95, Route 6, Route 146, Route 10

CITY/TOWN OF Statewide

COUNTY OF STATEWIDE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 2 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. General Provisions - Contract Specific

1. Page CS-i
Replace Page CS-i with Page CS-i (R-1) attached to this Addendum No. 2. The Table of Contents has been revised.
2. Page CS-1
Replace Page CS-1 with Page CS-1 (R-1) attached to this Addendum No. 2. Paragraph 1 Brief Scope of Work has been revised.
3. Page CS-6
Replace Page CS-6 with Page CS-6 (R-1) attached to this Addendum No. 2. List of item codes has been revised.
4. Page CS-9
Replace Page CS-9 with Page CS-9 (R-1) attached to this Addendum No. 2. Paragraph 21 has been added.
5. Appendix A: Transportation Management Plan
Replace Transportation Management Plan with revised Transportation Management Plan attached to this Addendum No. 2.

B. Specifications - Job Specific

1. Pages JS-i through JS-iii

Replace pages JS-i through JS-iii with Pages JS-i(R-1) through JS-iii(R-1) attached to this Addendum No. 2. The Table of Contents has been revised.

2. Page JS-4

Replace Page JS-4 with Page JS-4(R-1) attached to this Addendum No. 2. The Substantial Completion Date has been revised.

3. Pages JS-13a and JS-13b

Add new Pages JS-13a and JS-13b attached to this Addendum No. 2. Item codes 201.9913, 201.9914, 201.9915, 201.9916, 201.9917, and 201.9918 for removal and salvage of existing overhead DMS, have been added.

4. Pages JS-55a through JS-55d

Add new Pages JS-55a through JS-55d attached to this Addendum No. 2. Item codes T12.9915, T12.9916, T12.9917, T12.9918, T12.9919, and T12.9920, for new overhead DMS, have been added.

C. Distribution of Quantities

1. Index: 2

Replace Index: 2 with Index: 2(R-1) attached to this Addendum No. 2. The Table of Contents has been revised.

2. Page 7 of 18

Replace Page 7 of 18 with Pages 7 of 21(R-1) and 7a of 21 attached to this Addendum No. 2. The quantities for Items 922.0100 - Temporary Construction Signs Standard 29.1.0 and 27.1.1, 923.0200 - Fluorescent Traffic Cones, and 924.0113 - Advance Warning Arrow Panel have been revised.

3. Page 8 of 18

Replace Page 8 of 18 with Pages 8 of 21(R-1) and 8a of 21 attached to this Addendum No. 2. The quantity for Item 928.0800 - Truck Mounted Attenuator With Truck Mounted Flashing Arrow Board has been revised.

4. Page 18 of 18

Replace Page 18 of 18 with Pages 18 of 21 (R-1), 19 of 21, 20 of 21, and 21 of 21 attached to this Addendum No. 2. Items for removal and salvage of existing overhead DMS signs and for furnishing, installing, and testing of new overhead DMS have been added.

D. Drawings/Plans - Change/Addition

1. Sheets 20a through 20f of 27

Add new Sheets 20a through 20f of 27 attached to this Addendum No. 2.

E. Contract Dates

1. Bid-Opening Date

Bid-Opening Date Updated To "12/03/2014".

2. Substantial Completion Date

Substantial Completion Date Updated To "11/20/2015".

F. Other Item Changes

1. Minimum Bid Prices

Minimum Bid Prices for Item 914.5010 - Flagpersons and 914.5020 - Flagpersons Overtime have been revised.



RI Department of Transportation
Chief Engineer *Administrator*

GENERAL PROVISIONS/CONTRACT SPECIFIC

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1. BRIEF SCOPE OF WORK

This project shall consist of the replacement of existing solar powered portable variable message signs (PVMS) with permanent ground mounted dynamic message boards (DMS) along I-295, I-95, Route 6, and Route 146 throughout Rhode Island, the installation of two overhead DMS on a new overhead gantry structure on Route 10 in Cranston, Rhode Island, and the replacement of six existing overhead DMS on existing overhead gantry structures. The proposed DMS's will have hard wired connections for both power and communications. The work included in this Contract shall include, but not be limited to, removal, stockpile and delivery of the existing PVMS, trailer, and solar equipment to RIDOT Maintenance, removal of the existing concrete pads, installation of ten (10) ground mounted DMS and eight (8) overhead DMS, design and installation of structural supports and foundation for each DMS except those that are being replaced, installation of ground mounted control cabinets, testing of DMS and equipment, installation of handholes and conduit, installation and removal of guardrail, installation of utility poles, utility connections, placement of plantable soil and seed, traffic control, and all other incidentals necessary to complete the work to the satisfaction of the Engineer.

2. LIST OF CONTRACT DRAWINGS

| <u>Sheet</u> | <u>Description</u> |
|--------------|--|
| 1. | Cover Sheet |
| 2. | Standard Plan Symbols & Standard Legend |
| 3. | Standard Notes - 1 |
| 4. | Standard Notes - 2 |
| 5. | Job Specific Plan Symbols, Legend, & Notes |
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| 8. | DMS No. 2 |
| 9. | DMS No. 3 |
| 10. | DMS No. 4 |
| 11. | DMS No. 5 |
| 12. | DMS No. 6 |
| 13. | DMS No. 7 |
| 14. | DMS No. 8 |
| 15. | DMS No. 9 |
| 16. | DMS No. 10 |
| 17. | DMS No. 11/12 |
| 18. | DMS No. 11/12 Details |
| 19. | Maintenance and Protection of Traffic Plan No. 1 |
| 20. | Maintenance and Protection of Traffic Plan No. 2 |
| 21. | Details |

3. UTILITY NOTIFICATION AND COORDINATION

The Contractor shall schedule his construction so as to allow for a coordinated highway and utility effort. The Contractor is to coordinate utility work with the appropriate utility companies to avoid conflicts during construction. Upon award, the Contractor shall notify the

| | |
|----------|--|
| T12.9902 | Furnish, Install, and Test Ground Mounted DMS System at I-295 and Route 116 |
| T12.9903 | Furnish, Install, and Test Ground Mounted DMS System at I-295 and Route 5 |
| T12.9904 | Furnish, Install, and Test Ground Mounted DMS System at I-295 Exit 4 |
| T12.9905 | Furnish, Install, and Test Ground Mounted DMS System at I-295 and Route 12 |
| T12.9906 | Furnish, Install, and Test Ground Mounted DMS System at I-295 and Exit 3 |
| T12.9907 | Furnish, Install, and Test Ground Mounted DMS System at I-95 between Exits 4 and 5 |
| T12.9908 | Furnish, Install, and Test Ground Mounted DMS System at I-95 and Exit 3 |
| T12.9909 | Furnish, Install, and Test Ground Mounted DMS System at Route 6 and I-295 |
| T12.9910 | Furnish, Install, and Test Ground Mounted DMS System at Route 146 and Sayles Hill Road |
| T12.9911 | Furnish, Install, and Test Overhead DMS System |
| T12.9912 | Fiber Ethernet Switch |
| T12.9914 | Power Conditioner |
| T12.9915 | Furnish, Install, And Test Overhead DMS System At I-95 North Near Laurens Street Overpass |
| T12.9916 | Furnish, Install, And Test Overhead DMS System At I-95 South Near Laurens Street Overpass |
| T12.9917 | Furnish, Install, And Test Overhead DMS System At Route 6 East And Dresser Street Overpass |
| T12.9918 | Furnish, Install, And Test Overhead DMS System At Route 4 South And Stony Lane |
| T12.9919 | Furnish, Install, And Test Overhead DMS System At I-95 North And Exit 25 |
| T12.9920 | Furnish, Install, And Test Overhead DMS System At I-95 South And Exit 25 |
| T17.9901 | Overhead DMS Structure and Foundation 126' to 135' Span - Steel |

11. CONTRACTOR'S RESPONSIBILITY FOR DAMAGED STORM DRAINS

The Contractor shall use care when working within or in the vicinity of existing drainage structures. Any damage made to drainage structures, pipe or culverts during the disposing, cleaning, installation or repair of drainage structures, pipe or culverts, or while carrying out any other work on this Contract shall be the Contractor's responsibility. Any pipe/culvert damaged by the Contractor while carrying out this contract shall be replaced or repaired by the Contractor to the satisfaction of the Engineer at no additional charge to the State.

18. RIGHT-OF-WAY AND DAMAGE TO PROPERTY

If the Contractor desires to use additional areas outside of the Right-of-Way, he shall arrange for such areas at his own expense.

The Contractor shall take adequate precautions to avoid unnecessary damage to pavements, utilities, or private properties. The Contractor shall promptly repair (in kind), at his own expense, any damage attributed to his work to such pavements, utilities, or private property to the satisfaction of the Engineer.

The Contractor shall assume all risk and liability for his equipment left on site during both working and non-working hours.

19. STORMWATER POLLUTION PREVENTION PLAN

Included as Appendix B to these Contract Specific General Provisions is the Small Site Stormwater Pollution Prevention Plan (SWPPP) for this project. It shall be the Contractor's responsibility to adhere to all restrictions as stated or implied by the plan and orders attached hereto and included as part of these Contract Documents.

There will be no special payment for work done to comply with these plans and orders.

20. BORINGS

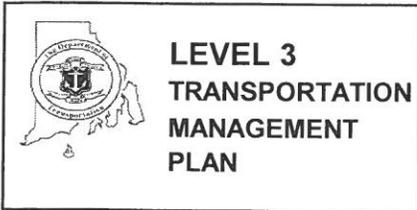
Borings were performed at each of the proposed DMS locations. Boring logs are included in Appendix C.

21. COORDINATION AND TIMING OF REMOVAL OF EXISTING OVERHEAD DMS

The Contractor shall coordinate the removal of all existing overhead DMS with the TMC Representative. The Contractor shall be required to notify the TMC Representative a minimum of seven (7) calendar days prior to the removal of each DMS. The TMC Representative will remove and document all salvageable equipment from the DMS. The Contractor shall then deliver the remainder of DMS equipment to the RIDOT Maintenance Headquarters upon approval of the TMC Representative.

Replacement DMS are to be installed at the same location as the existing overhead DMS. The Contractor shall install the proposed DMS and complete the DMS System Acceptance Test within seven (7) calendar days of the removal of the existing DMS.

Only one existing Overhead DMS may be disconnected from service at any given time. The replacement DMS must be installed and the System Acceptance Test completed before work on the next one may begin. Work on the next overhead DMS replacement may proceed during the 60 day Burn In Period.



Project Name: Statewide DMS Installation
 RI Design Contract No(s): 2009-ET-004
 RI Construction Contract No(s): 2014-CT-081
 Submission: ADV Date: 11/14/2014

PROJECT INFORMATION

Brief Project Description: This project shall consist of the replacement of existing, solar powered portable variable message signs (PVMS) with permanent, ground mounted dynamic message signs (DMS) along I-295, I-95, Route 6, and Route 146 throughout Rhode Island and the installation of two overhead DMS on Route 10 in Cranston, Rhode Island. The proposed DMS's will have hard wired connections for both power and communications. The project will also included the replacement of six (6) existing overhead DMS at four locations throughout the State. The work included in this Contract shall include, but not be limited to, removal, stockpile and delivery of the existing PVMS and overhead DMS, trailers, and solar equipment, removal of the existing concrete pad, installation of ten (10) ground mounted DMS and two (2) overhead DMS, replacement of six (6) overhead DMS's, design and installation of structural supports and foundation for each new DMS, installation of ground mounted control cabinets, testing of DMS and equipment, installation of handholes and conduit, installation and removal of guardrail, installation of utility poles, utility connections, placement of plantable soil and seed, traffic control, and all other incidentals necessary to complete the work to the satisfaction of the Engineer.

General Work Limits: The Project Limits will include six locations along I-295 within the towns of Lincoln, Smithfield, Johnston, Cranston, and West Warwick, two locations along I-95 within the towns of Exeter and Richmond, one location on Route 6 within the town of Johnston, one location on Route 146 within the Town of North Smithfield and on location on Route 10 within the City of Cranston.

| WORK ZONE LOCATIONS | | | |
|---------------------|--|--|----------------|
| ROADWAY NAME | FROM | TO | APPROX. LENGTH |
| I-295 Southbound | Approx. 0.7 mi. East of Old River Road (Route 126) | Old River Road (Route 126) | 0.7 mi. |
| I-295 Northbound | Approx. 560' South of Route 116 | Route 116 | 560' |
| I-295 Southbound | Approx. 0.3 mi. North of Greenville Avenue (Route 5) | Greenville Avenue (Route 5) | 0.3 mi. |
| I-295 Northbound | Approx. 0.3 mi. North of Plainfield Pike (Route 14) | Plainfield Pike (Route 14) | 0.3 mi. |
| I-295 Southbound | Approx. 850' South of Scituate Avenue (Route 12) | Scituate Avenue (Route 12) | 850' |
| I-295 Northbound | Approx. 250' South of Providence Street (Route 33) | Providence Street (Route 33) | 250' |
| Route 6 Eastbound | Approx. 500' West of I-295 Southbound Ramp | Approx. 200' West of I-295 Ramp | 300' |
| Route 6 Eastbound | Glenbridge Avenue | Sheridan Street Pedestrian Bridge | 0.4 mi. |
| I-95 | Milford Street | Laurens Street | 0.4 mi. |
| I-95 | Approx. 1,000' North of Smithfield Avenue | Approx. 3,000' North of Smithfield Ave | 2,000' |
| I-95 Northbound | Approx. 270' South of Ten Rod Road (Route 165) | Ten Rod Road (Route 165) | 270' |
| I-95 Northbound | Approx. 550' South of I-95 Rest Area | Approx. 850' South of Rest Area | 300' |
| Route 4 Southbound | Approx. 700' North of Stony Lane | Approx. 1,700' North of Stony Lane | 1,000' |
| Route 146 | Approx. 1400' North of Sayles Hill Road | Sayles Hill Road | 1,400' |
| Route 10 | Approx. 2300' North of Reservoir Avenue (Route 2) | Frankfort Street | 1,300' |

General Project Schedule*: Construction for this project is expected to begin in 1/2015 and be completed by 12/2015.

*The information in this section is not intended to and shall not supersede the approved schedule and milestone/completion dates for the project.

TRAFFIC-RELATED WORK RESTRICTIONS

General Restrictions: [See Attachment A: General Restrictions Table](#)

Holiday Restrictions: [See Attachment B: Holiday Restrictions Table](#)

TEMPORARY TRAFFIC CONTROL PLANS

These RIDOT- and/or Designer-Developed TTC Plans will be used during the work on this project

| RIDOT TYPICAL TTC PLANS | Included in: | |
|---|--------------|----------|
| | TMP | Plan Set |
| <input type="checkbox"/> Mobile Operation | | |
| <input type="checkbox"/> Work Beyond the Shoulder | | |
| <input type="checkbox"/> Shoulder Closure - Two Lane Road | | |
| <input checked="" type="checkbox"/> Shoulder Closure - Limited Access | | X |
| <input type="checkbox"/> 1-Side Lane Shift - Two Lane Road | | |
| <input type="checkbox"/> 2-Side Lane Shift - Two Lane Road | | |
| <input type="checkbox"/> Lane Shift - Limited Access | | |
| <input type="checkbox"/> Lane Closure - Two Lane Road | | |
| <input type="checkbox"/> Lane Closure - Four Lane Road | | |
| <input checked="" type="checkbox"/> Lane Closure - Limited Access | | X |
| <input type="checkbox"/> Double Lane Closure - Limited Access | | |

| DESIGNER-DEVELOPED TTC PLANS | Included in: | |
|--|--------------|----------|
| | TMP | Plan Set |
| Work Off Roadway | | X |
| Maintenance & Protection of Traffic Control Plan No. 3 | | X |
| Maintenance & Protection of Traffic Control Plan No. 4 | | X |
| Maintenance & Protection of Traffic Control Plan No. 5 | | X |
| Maintenance & Protection of Traffic Control Plan No. 6 | | X |
| Maintenance & Protection of Traffic Control Plan No. 7 | | X |
| Maintenance & Protection of Traffic Control Plan No. 8 | | X |
| | | |
| | | |
| | | |
| | | |

PUBLIC INFORMATION PLAN

These strategies will be used to provide information concerning the project to road users and the community

SELECTED STRATEGIES

RIDOT travel advisories news releases
 RIDOT travel advisories web site
 RIDOT 511 traveler information system

RESPONSIBILITIES / REQUIREMENTS / SPECIAL CONSIDERATIONS

RIDOT TMP Imp. Mngr. to send RIDOT notification form to Communications min. 48 hrs. in advance of restrictions.
 RIDOT TMP Imp. Mngr. to send RIDOT notification form to Communications min. 48 hrs. in advance of restrictions.
 RIDOT TMP Imp. Mngr. to send RIDOT notification form to RIDOT TMC min. 48 hrs. in advance of restrictions.

TRANSPORTATION OPERATIONS PLAN

These strategies will be used to provide improved transportation operations/safety within project work zones

SELECTED STRATEGIES

Crash attenuators

RESPONSIBILITIES / REQUIREMENTS / SPECIAL CONSIDERATIONS

Placed as shown on the Traffic Control Plans

PERFORMANCE MONITORING, CHANGES TO TMP, & CONTINGENCIES

The Contractor's **TMP Implementation Manager (if identified below)** is responsible for keeping the portion of the project being used by public traffic in a condition that (1) safely and adequately accommodates such traffic and (2) is in accordance with the Traffic-Related Work Restrictions, the Temporary Traffic Control Plans, and where appropriate, the other transportation management strategies identified above. The **RIDOT TMP Implementation Manager** or his/her responsible designee should (1) inspect the project work zones at initial setup, at the start of each subsequent work day, and just prior to extended breaks in the work (e.g., weekends) for conformance with the Temporary Traffic Control Plans, the *ATSSA Quality Guidelines for Temporary Traffic Control Devices and Features*, and where applicable, the other transportation management strategies identified above and (2) document all work zone-related feedback and complaints that are received from the public.

If at any time (1) a significant deviation from any of the strategies included in the TMP (e.g., the use of an alternate construction sequence) is desired by one or more members of the project implementation team, (2) field observations and/or data suggest that impacts to road users are or will be unacceptable, or (3) one or more performance requirements established in the TMP are not being met in the field, the RIDOT TMP Implementation Manager shall report the situation to his/her supervisor or Division/Section/Unit manager. The supervisor / manager will coordinate with the State Traffic Engineer, the Deputy Chief Engineer, the TMP Implementation Manager(s), the Chief Engineer, and/or other interested parties as appropriate and/or necessary to consider and determine whether revised and/or alternate strategies should be implemented in an effort to lessen the adverse safety and/or mobility impacts of the project. If the supervisor / manager deems that strategy changes should be implemented, the changes shall be documented in a revised version of the TMP and the Deputy Chief Engineer, the State Traffic Engineer, and the Chief Engineer must approve of the revised TMP prior to their implementation.

If a significant deviation from any of the strategies included in the TMP is requested by the Contractor, unless directed otherwise by the RIDOT the Contractor is responsible for preparing and submitting to the RIDOT TMP Implementation Manager appropriate documentation (e.g., design calculations, analysis reports, Temporary Traffic Control Plans, etc.) showing that the requested change(s) are (1) feasible and (2) expected to result in safety and mobility impacts that are no more adverse than the impacts resulting from the strategies already included in the latest approved TMP. The RIDOT will review and consider the submittal(s) as described in the preceding paragraph and will determine whether the changes should be implemented. If the requested changes are approved by the RIDOT, unless otherwise directed by the RIDOT the Contractor shall prepare and submit to the RIDOT TMP Implementation Manager a revised version of the latest approved TMP in both printed and electronic (Microsoft® Excel) format that documents all of the approved changes. Work to implement the changes shall not begin until the Deputy Chief Engineer, the State Traffic Engineer, and the Chief Engineer have approved of the revised TMP.

When unexpected events (e.g., crashes, inclement weather, unforeseen traffic demands, etc.) occur in a project work zone where one or more lanes are closed, the RIDOT TMP Implementation Manager or his/her responsible designee should (1) determine whether or not the lane closure(s) can/should be removed in order to improve traffic operations and/or minimize delays and (2) if deemed appropriate, take action to remove the lane closure(s).

Other Requirements:

TMP APPROVALS

All approvals must be obtained prior to start of work

| DEPUTY CHIEF ENGINEER | | |
|-----------------------|-------------------------|------|
| Signature: | Frank Corrao, III, P.E. | |
| Date: <u>11/17/14</u> | | |
| Revision # | Initials | Date |
| | | |
| | | |

| STATE TRAFFIC ENGINEER | | |
|------------------------|----------------------|------|
| Signature: | Robert Rocchio, P.E. | |
| Date: <u>11/17/14</u> | | |
| Revision # | Initials | Date |
| | | |
| | | |

| CHIEF ENGINEER | | |
|-----------------------|-------------------------|------|
| Signature: | Kazem Farhoudmand, P.E. | |
| Date: <u>11/17/14</u> | | |
| Revision # | Initials | Date |
| | | |
| | | |

TMP IMPLEMENTATION MANAGERS

Project managers with the primary responsibility & authority for implementation of this TMP

| RIDOT |
|---------------------|
| Name: _____ |
| Title: _____ |
| Unit: _____ |
| Office Phone: _____ |
| Mobile Phone: _____ |
| E-Mail: _____ |

| CONTRACTOR (if contract work) |
|-------------------------------|
| Name: _____ |
| Title: _____ |
| Company/Unit: _____ |
| Office Phone: _____ |
| Mobile Phone: _____ |
| E-Mail: _____ |

| Location | MINIMUM NUMBER OF LANES & SHOULDERS TO REMAIN OPEN TO TRAFFIC ^{1,2,3} | | | | | | | | |
|--|--|-------|-------------|-----|------|-----|-------|---------|---------|
| | Time of Day | | Day of Week | | | | | | |
| | From | To | SUN | MON | TUES | WED | THURS | FRI | SAT |
| INTERSTATE 95 at: Laurens Street DMS⁴ | 0:00 | 6:00 | NO WORK | 2L | 2L | 2L | 2L | 2L | NO WORK |
| | 6:00 | 9:00 | 4L | ALL | ALL | ALL | ALL | ALL | 4L |
| | 9:00 | 15:00 | 4L | 4L | 4L | 4L | 4L | 4L | 4L |
| | 15:00 | 19:00 | 4L | ALL | ALL | ALL | ALL | ALL | 4L |
| | 19:00 | 22:00 | 4L | 4L | 4L | 4L | 4L | 4L | 4L |
| | 22:00 | 24:00 | 2L | 2L | 2L | 2L | 2L | NO WORK | NO WORK |
| INTERSTATE 95 at: Smithfield Avenue DMS⁴ | 0:00 | 5:00 | NO WORK | 1L | 1L | 1L | 1L | 1L | NO WORK |
| | 5:00 | 6:00 | 3L | 3L | 3L | 3L | 3L | 3L | 3L |
| | 6:00 | 9:00 | 3L | ALL | ALL | ALL | ALL | ALL | 3L |
| | 9:00 | 15:00 | 3L | 3L | 3L | 3L | 3L | 3L | 3L |
| | 15:00 | 19:00 | 3L | ALL | ALL | ALL | ALL | ALL | 3L |
| | 19:00 | 23:00 | 3L | 3L | 3L | 3L | 3L | 3L | 3L |
| ROUTE 6 at: Sheridan Street Pedestrian Bridge DMS⁴ | 0:00 | 6:00 | NO WORK | 1L | 1L | 1L | 1L | 1L | NO WORK |
| | 6:00 | 9:00 | 3L | ALL | ALL | ALL | ALL | ALL | 3L |
| | 9:00 | 15:00 | 3L | 3L | 3L | 3L | 3L | 3L | 3L |
| | 15:00 | 19:00 | 3L | ALL | ALL | ALL | ALL | ALL | 3L |
| | 19:00 | 21:00 | 3L | 3L | 3L | 3L | 3L | 3L | 3L |
| | 21:00 | 24:00 | 1L | 1L | 1L | 1L | 1L | NO WORK | NO WORK |
| ROUTE 4 at: Stony Lane DMS⁴ | 0:00 | 6:00 | NO WORK | 1L | 1L | 1L | 1L | 1L | NO WORK |
| | 6:00 | 9:00 | 2L | ALL | ALL | ALL | ALL | ALL | 2L |
| | 9:00 | 15:00 | 2L | 2L | 2L | 2L | 2L | 2L | 2L |
| | 15:00 | 19:00 | 2L | ALL | ALL | ALL | ALL | ALL | 2L |
| | 19:00 | 21:00 | 2L | 2L | 2L | 2L | 2L | 2L | 2L |
| | 21:00 | 24:00 | 1L | 1L | 1L | 1L | 1L | NO WORK | NO WORK |
| INTERSTATE 295 at: DMS No. 1, DMS No. 2, DMS No. 3 | 0:00 | 6:00 | NO WORK | 2L | 2L | 2L | 2L | 2L | NO WORK |
| | 6:00 | 9:00 | 3L | ALL | ALL | ALL | ALL | ALL | 3L |
| | 9:00 | 15:00 | 3L | 3L | 3L | 3L | 3L | 3L | 3L |
| | 15:00 | 19:00 | 3L | ALL | ALL | ALL | ALL | ALL | 3L |
| | 19:00 | 21:00 | 3L | 3L | 3L | 3L | 3L | NO WORK | NO WORK |
| | 21:00 | 24:00 | 2L | 2L | 2L | 2L | 2L | NO WORK | NO WORK |
| ROUTE 6 at: DMS No. 4 INTERSTATE 295 at: DMS No. 5, DMS No. 6, & DMS No. 7 INTERSTATE 95 at: DMS No. 8, & DMS No. 9 ROUTE 146 at: DMS No. 10 ROUTE 10 at: DMS No. 11/12⁴ | 0:00 | 5:00 | NO WORK | 1L | 1L | 1L | 1L | 1L | NO WORK |
| | 6:00 | 9:00 | 2L | ALL | ALL | ALL | ALL | ALL | 2L |
| | 9:00 | 15:00 | 2L | 2L | 2L | 2L | 2L | 2L | 2L |
| | 15:00 | 19:00 | 2L | ALL | ALL | ALL | ALL | ALL | 2L |
| | 19:00 | 21:00 | 2L | 2L | 2L | 2L | 2L | NO WORK | NO WORK |
| | 21:00 | 24:00 | 1L | 1L | 1L | 1L | 1L | NO WORK | NO WORK |

LEGEND

| | |
|----------------|---|
| NO WORK | No work is allowed during this time period. |
| ALL | All travel lanes and shoulders must remain open to traffic. |
| 4 L | Four travel lanes must remain open to traffic in each direction. |
| 3 L | Three travel lanes must remain open to traffic in each direction. |
| 2 L | Two travel lanes must remain open to traffic in each direction. |
| 1 L | One travel lane must remain open to traffic in each direction. |

NOTES

- 1 The set-up and break-down of temporary traffic control devices within a traveled way shall be construed as a closure of that traveled way.
- 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.
- 3 The minimum required lane width is 11-feet.
- 4 A rolling roadblock can be implemented Monday through Friday 01:00 to 05:00 for a time period of 15 minutes. Queue on roadway must be cleared before instituting another rolling roadblock. Rolling roadblock must be coordinated with the State Police.

Attachment B

To Transportation Management Plan (TMP) for:

**Statewide DMS Installation
RIC No.: 2014-CT-081**

Holiday Restrictions

NOTE: IN CASE OF DISCREPANCY BETWEEN THESE HOLIDAY RESTRICTIONS AND THE GENERAL RESTRICTIONS (ATTACHMENT A), THESE HOLIDAY RESTRICTIONS SHALL GOVERN.

No lane and/or shoulder closures allowed after 13:00 on the Friday preceding a holiday weekend.

EASTER SUNDAY

No lane and/or shoulder closures allowed on Saturday.

No lane and/or shoulder closures allowed on Sunday until 21:00 (after 21:00, General Restrictions shall apply).

NEW YEAR'S DAY, INDEPENDENCE DAY, & CHRISTMAS DAY

No lane and/or shoulder closures allowed after 13:00 on the day before the holiday.

No lane and/or shoulder closures allowed on the holiday.

VETERANS DAY

No lane and/or shoulder closures allowed after 13:00 on the day before the holiday.

No lane and/or shoulder closures allowed on Veterans Day until 21:00 (after 21:00, General Restrictions shall apply).

DR. MARTIN LUTHER KING JR. DAY, VICTORY DAY, & COLUMBUS DAY

No lane and/or shoulder closures allowed on Saturday and/or Sunday.

No lane and/or shoulder closures allowed on Monday until 21:00 (after 21:00, General Restrictions shall apply).

MEMORIAL DAY & LABOR DAY

No lane and/or shoulder closures allowed on Saturday and/or Sunday.

No lane and/or shoulder closures allowed on the holiday.

THANKSGIVING DAY

No lane and/or shoulder closures allowed after 13:00 on the Wednesday preceding Thanksgiving Day.

No lane and/or shoulder closures allowed on Thanksgiving Day, Friday, Saturday, and/or Sunday.

TRAFFIC VOLUME DATA FOR:

I-95 at Laurens Street DMS

Count Location: I-95 South of Route 10 (Laurens Street DMS)

Count Date: 10/8/2014

| | Time | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | Total |
|------------|---------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Northbound | Lane #1 | 92 | 19 | 9 | 15 | 50 | 275 | 1061 | 1830 | 1524 | 934 | 673 | 681 | 767 | 840 | 1017 | 1519 | 1373 | 1350 | 973 | 519 | 388 | 332 | 261 | 125 | 16627 |
| | Lane #2 | 254 | 111 | 65 | 92 | 193 | 533 | 1167 | 1648 | 1534 | 1167 | 1115 | 1175 | 1124 | 1188 | 1294 | 1450 | 1309 | 1412 | 1152 | 882 | 700 | 650 | 580 | 395 | 21190 |
| | Lane #3 | 271 | 143 | 88 | 119 | 207 | 405 | 901 | 1418 | 1247 | 1014 | 873 | 954 | 957 | 993 | 1011 | 1220 | 1145 | 1261 | 955 | 721 | 612 | 586 | 502 | 378 | 17981 |
| | Lane #4 | 149 | 78 | 53 | 65 | 85 | 193 | 496 | 1171 | 1016 | 499 | 508 | 549 | 526 | 594 | 586 | 756 | 750 | 1063 | 573 | 400 | 341 | 286 | 231 | 214 | 11182 |
| Southbound | Lane #5 | 194 | 95 | 16 | 32 | 70 | 378 | 1022 | 1554 | 1635 | 1048 | 881 | 980 | 959 | 1059 | 1502 | 1775 | 1918 | 1981 | 1385 | 864 | 377 | 57 | 1 | 1 | 19784 |
| | Lane #6 | 444 | 270 | 95 | 154 | 262 | 624 | 1128 | 1417 | 1488 | 1297 | 1258 | 1281 | 1235 | 1301 | 1513 | 1720 | 1735 | 1748 | 1353 | 1090 | 958 | 313 | 131 | 86 | 22901 |
| | Lane #7 | 53 | 52 | 133 | 153 | 391 | 500 | 902 | 1196 | 1243 | 1114 | 1168 | 1131 | 1144 | 1136 | 1274 | 1387 | 1455 | 1525 | 1208 | 889 | 854 | 1185 | 887 | 674 | 21654 |
| | Lane #8 | 49 | 8 | 79 | 84 | 150 | 419 | 857 | 1197 | 1276 | 1299 | 1002 | 1092 | 862 | 896 | 1127 | 1250 | 1422 | 1461 | 1253 | 887 | 770 | 780 | 586 | 442 | 19248 |
| Northbound | | 766 | 351 | 215 | 291 | 535 | 1406 | 3625 | 6067 | 5321 | 3614 | 3169 | 3359 | 3374 | 3615 | 3908 | 4945 | 4577 | 5086 | 3653 | 2522 | 2041 | 1854 | 1574 | 1112 | |
| Southbound | | 740 | 425 | 323 | 423 | 873 | 1921 | 3909 | 5364 | 5642 | 4758 | 4309 | 4484 | 4200 | 4392 | 5416 | 6132 | 6530 | 6715 | 5199 | 3730 | 2959 | 2335 | 1605 | 1203 | |

4 Lane to 2 Lane Reduction

Average Capacity

1480 veh/hr

TRAFFIC VOLUME DATA FOR:

I-95 at Smithfield DMS

Count Location: I-95 North of Smithfield Avenue
 Count Date: 10/8/2014

| | Time | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | Total |
|------------|------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Northbound | Lane #1 | 83 | 54 | 30 | 49 | 203 | 903 | 1627 | 1826 | 1384 | 1153 | 1041 | 1046 | 1051 | 1193 | 1484 | 1611 | 1725 | 1887 | 1488 | 943 | 749 | 626 | 433 | 227 | 22816 |
| | Lane #2 | 337 | 206 | 137 | 174 | 407 | 908 | 1362 | 1449 | 1295 | 1256 | 1265 | 1231 | 1325 | 1354 | 1449 | 1462 | 1512 | 1615 | 1372 | 1124 | 1011 | 905 | 714 | 554 | 24424 |
| | Lane #3 | 226 | 164 | 113 | 144 | 215 | 428 | 764 | 881 | 805 | 875 | 856 | 874 | 865 | 886 | 954 | 1008 | 1041 | 1078 | 928 | 753 | 686 | 614 | 479 | 346 | 15983 |
| | Lane #4 | 90 | 52 | 38 | 50 | 71 | 149 | 311 | 375 | 397 | 357 | 329 | 348 | 388 | 361 | 347 | 478 | 479 | 528 | 469 | 338 | 285 | 254 | 158 | 123 | 6775 |
| Southbound | Lane #5 | 118 | 50 | 31 | 38 | 68 | 326 | 1201 | 1614 | 1419 | 1051 | 984 | 1077 | 1026 | 1206 | 1490 | 1254 | 1041 | 1384 | 1532 | 1170 | 699 | 603 | 464 | 312 | 20158 |
| | Lane #6 | 334 | 231 | 175 | 173 | 272 | 659 | 1256 | 1544 | 1361 | 1345 | 1363 | 1388 | 1351 | 1375 | 1426 | 1136 | 1003 | 1316 | 1469 | 1259 | 1019 | 901 | 724 | 604 | 23684 |
| | Lane #7 | 192 | 119 | 93 | 83 | 147 | 346 | 693 | 1312 | 1329 | 869 | 829 | 864 | 824 | 809 | 939 | 1052 | 1104 | 1263 | 1005 | 807 | 634 | 554 | 463 | 304 | 16634 |
| | Northbound | 736 | 476 | 318 | 417 | 896 | 2388 | 4064 | 4531 | 3881 | 3641 | 3491 | 3499 | 3629 | 3794 | 4234 | 4559 | 4757 | 5108 | 4257 | 3158 | 2731 | 2399 | 1784 | 1250 | |
| | Southbound | 644 | 400 | 299 | 294 | 487 | 1331 | 3150 | 4470 | 4109 | 3265 | 3176 | 3329 | 3201 | 3390 | 3855 | 3442 | 3148 | 3963 | 4006 | 3236 | 2352 | 2058 | 1651 | 1220 | |

3 Lane to 1 Lane Reduction
 Average Capacity
 1170 veh/hr

**TRAFFIC VOLUME DATA FOR:
Route 6 at Sheridan Street Pedestrian Bridge DMS**

Count Location: Route 6 East of Killingly Street

Count Date: 10/8/2014

| | Time | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | Total |
|-----------|---------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Eastbound | Lane #1 | 96 | 63 | 41 | 40 | 44 | 161 | 403 | 535 | 537 | 531 | 569 | 586 | 624 | 658 | 749 | 872 | 908 | 866 | 671 | 541 | 447 | 417 | 309 | 185 | 10853 |
| | Lane #2 | 70 | 57 | 53 | 45 | 79 | 254 | 500 | 624 | 639 | 559 | 575 | 634 | 635 | 652 | 774 | 979 | 1071 | 1064 | 700 | 526 | 465 | 384 | 242 | 164 | 11745 |
| | Lane #3 | 20 | 13 | 12 | 10 | 11 | 70 | 241 | 316 | 284 | 215 | 205 | 232 | 234 | 297 | 395 | 543 | 667 | 668 | 392 | 226 | 182 | 129 | 74 | 42 | 5478 |
| Westbound | Lane #4 | 15 | 11 | 11 | 10 | 29 | 139 | 747 | 1198 | 998 | 600 | 448 | 381 | 379 | 392 | 470 | 585 | 552 | 580 | 448 | 250 | 157 | 139 | 63 | 46 | 8648 |
| | Lane #5 | 89 | 58 | 48 | 62 | 120 | 399 | 932 | 1351 | 1210 | 1033 | 957 | 899 | 920 | 885 | 964 | 1105 | 1117 | 1074 | 918 | 651 | 538 | 405 | 287 | 203 | 16225 |
| | Lane #6 | 64 | 54 | 52 | 45 | 82 | 209 | 491 | 850 | 736 | 606 | 517 | 586 | 589 | 559 | 596 | 681 | 666 | 646 | 589 | 457 | 358 | 329 | 216 | 166 | 10144 |
| EB | | 186 | 133 | 106 | 95 | 134 | 485 | 1144 | 1475 | 1460 | 1305 | 1349 | 1452 | 1493 | 1607 | 1918 | 2394 | 2646 | 2598 | 1763 | 1293 | 1094 | 930 | 625 | 391 | |
| WB | | 168 | 123 | 111 | 117 | 231 | 747 | 2170 | 3399 | 2944 | 2239 | 1922 | 1866 | 1888 | 1836 | 2030 | 2371 | 2335 | 2300 | 1955 | 1358 | 1053 | 873 | 566 | 415 | |

3 Lane to 1 Lane Reduction

Average Capacity

1170 veh/hr

**TRAFFIC VOLUME DATA FOR:
Route 4 at Stoney Lane DMS**

Count Location: Route 4 North of Route 102

Count Date: 10/8/2014

| | Time | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | Total |
|------------|------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Northbound | Lane #1 | 28 | 22 | 14 | 14 | 39 | 147 | 879 | 1921 | 1599 | 957 | 839 | 753 | 770 | 766 | 1096 | 1336 | 1481 | 1470 | 929 | 467 | 322 | 215 | 123 | 91 | 16278 |
| | Lane #2 | 89 | 73 | 47 | 55 | 154 | 396 | 873 | 1306 | 1252 | 1011 | 953 | 931 | 948 | 934 | 1035 | 1199 | 1243 | 1209 | 936 | 663 | 521 | 413 | 311 | 212 | 16764 |
| Southbound | Lane #3 | 46 | 11 | 4 | 5 | 15 | 95 | 635 | 1216 | 1030 | 741 | 604 | 586 | 589 | 639 | 805 | 1152 | 1206 | 1330 | 1044 | 589 | 511 | 344 | 192 | 84 | 13473 |
| | Lane #4 | 188 | 70 | 43 | 39 | 91 | 269 | 823 | 1261 | 1273 | 1073 | 956 | 978 | 998 | 1020 | 1182 | 1404 | 1485 | 1481 | 1220 | 903 | 782 | 660 | 469 | 293 | 18961 |
| | Southbound | 234 | 81 | 47 | 44 | 106 | 364 | 1458 | 2477 | 2303 | 1814 | 1560 | 1564 | 1587 | 1659 | 1987 | 2556 | 2691 | 2811 | 2264 | 1492 | 1293 | 1004 | 661 | 377 | |
| | Northbound | 117 | 95 | 61 | 69 | 193 | 543 | 1752 | 3227 | 2851 | 1968 | 1792 | 1684 | 1718 | 1700 | 2131 | 2535 | 2724 | 2679 | 1865 | 1130 | 843 | 628 | 434 | 303 | |

2 Lane to 1 Lane Reduction

Average Capacity

1340 veh/hr

**TRAFFIC VOLUME DATA FOR:
DMS No. 2 – I-295 at Route 116**

Location: I-295 at Route 116
 Date: 3/26/2014

| STATION | DIRECTION | LANE | MONTH | DATE | YEAR | 0:00 | 1:00 | 2:00 | 3:00 | 4:00 | 5:00 | 6:00 | 7:00 | 8:00 | 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------|-----------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 319994 | SB T | 1 | 03 | 26 | 14 | 60 | 41 | 35 | 38 | 106 | 234 | 456 | 726 | 595 | 435 | 389 | 408 | 427 | 446 | 473 | 591 | 875 | 765 | 442 | 302 | 285 | 202 | 145 | 99 |
| 319994 | SB M | 2 | 03 | 26 | 14 | 68 | 45 | 36 | 37 | 145 | 392 | 761 | 1195 | 1018 | 591 | 463 | 527 | 523 | 544 | 675 | 923 | 1095 | 1200 | 691 | 447 | 340 | 236 | 162 | 107 |
| 319994 | SB P | 3 | 03 | 26 | 14 | 6 | 6 | 2 | 2 | 13 | 115 | 432 | 935 | 657 | 204 | 140 | 139 | 129 | 165 | 224 | 292 | 430 | 793 | 282 | 118 | 73 | 40 | 30 | 10 |
| 319994 | NB P | 4 | 03 | 26 | 14 | 9 | 6 | 4 | 0 | 10 | 63 | 227 | 740 | 647 | 231 | 113 | 109 | 151 | 179 | 335 | 585 | 1066 | 1051 | 344 | 128 | 87 | 61 | 33 | 22 |
| 319994 | NB M | 5 | 03 | 26 | 14 | 80 | 39 | 28 | 46 | 96 | 239 | 604 | 1125 | 1184 | 627 | 471 | 487 | 522 | 535 | 752 | 1056 | 1307 | 1297 | 728 | 412 | 375 | 270 | 182 | 121 |
| 319994 | NB T | 6 | 03 | 26 | 14 | 65 | 46 | 27 | 28 | 75 | 156 | 376 | 739 | 785 | 461 | 376 | 382 | 454 | 450 | 513 | 657 | 795 | 789 | 533 | 302 | 257 | 215 | 137 | 93 |

| | 0:00 | 1:00 | 2:00 | 3:00 | 4:00 | 5:00 | 6:00 | 7:00 | 8:00 | 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Northbound | 154 | 91 | 59 | 74 | 181 | 458 | 1207 | 2604 | 2616 | 1319 | 960 | 978 | 1127 | 1164 | 1600 | 2298 | 3168 | 3137 | 1605 | 842 | 719 | 546 | 352 | 236 |

TRAFFIC VOLUME DATA FOR:

DMS No. 3 – I-295 at Route 5

| Station Id | Station Description | | | | | | | |
|-------------|--|------|-----------|-------|--------|-----------|-------|--------|
| 8141 | 0.4 Mile South of Route 44 (Putnam Pike) | | | | | | | |
| Day | Date | Time | Direction | Lanes | Volume | Direction | Lanes | Volume |
| WED | 4/2/2014 | 0 | N | 4 | 252 | S | 3 | 178 |
| WED | 4/2/2014 | 1 | N | 4 | 166 | S | 3 | 104 |
| WED | 4/2/2014 | 2 | N | 4 | 135 | S | 3 | 78 |
| WED | 4/2/2014 | 3 | N | 4 | 132 | S | 3 | 100 |
| WED | 4/2/2014 | 4 | N | 4 | 214 | S | 3 | 256 |
| WED | 4/2/2014 | 5 | N | 4 | 824 | S | 3 | 724 |
| WED | 4/2/2014 | 6 | N | 4 | 2065 | S | 3 | 2148 |
| WED | 4/2/2014 | 7 | N | 4 | 3634 | S | 3 | 3772 |
| WED | 4/2/2014 | 8 | N | 4 | 3351 | S | 3 | 3725 |
| WED | 4/2/2014 | 9 | N | 4 | 1879 | S | 3 | 2173 |
| WED | 4/2/2014 | 10 | N | 4 | 1710 | S | 3 | 1845 |
| WED | 4/2/2014 | 11 | N | 4 | 1768 | S | 3 | 1780 |
| WED | 4/2/2014 | 12 | N | 4 | 1771 | S | 3 | 1803 |
| WED | 4/2/2014 | 13 | N | 4 | 1770 | S | 3 | 1776 |
| WED | 4/2/2014 | 14 | N | 4 | 2136 | S | 3 | 2401 |
| WED | 4/2/2014 | 15 | N | 4 | 3021 | S | 3 | 3151 |
| WED | 4/2/2014 | 16 | N | 4 | 3414 | S | 3 | 3961 |
| WED | 4/2/2014 | 17 | N | 4 | 3562 | S | 3 | 4116 |
| WED | 4/2/2014 | 18 | N | 4 | 2204 | S | 3 | 2999 |
| WED | 4/2/2014 | 19 | N | 4 | 1488 | S | 3 | 1492 |
| WED | 4/2/2014 | 20 | N | 4 | 1142 | S | 3 | 1069 |
| WED | 4/2/2014 | 21 | N | 4 | 949 | S | 3 | 846 |
| WED | 4/2/2014 | 22 | N | 4 | 584 | S | 3 | 526 |
| WED | 4/2/2014 | 23 | N | 4 | 429 | S | 3 | 379 |

TRAFFIC VOLUME DATA FOR:

DMS No. 5 – I-295 at Exit 4

| Station Id | Station Description | | | | | |
|------------|--|------|-----------|--------|-----------|--------|
| 8138 | 0.3 Mile North of Route 14 (Plainfield Pike) | | | | | |
| Day | Date | Time | Direction | Volume | Direction | Volume |
| WED | 4/2/2014 | 0 | N | 250 | S | 150 |
| WED | 4/2/2014 | 1 | N | 145 | S | 92 |
| WED | 4/2/2014 | 2 | N | 124 | S | 76 |
| WED | 4/2/2014 | 3 | N | 109 | S | 109 |
| WED | 4/2/2014 | 4 | N | 219 | S | 268 |
| WED | 4/2/2014 | 5 | N | 723 | S | 697 |
| WED | 4/2/2014 | 6 | N | 2020 | S | 1945 |
| WED | 4/2/2014 | 7 | N | 3837 | S | 3351 |
| WED | 4/2/2014 | 8 | N | 3287 | S | 3418 |
| WED | 4/2/2014 | 9 | N | 2100 | S | 2049 |
| WED | 4/2/2014 | 10 | N | 1887 | S | 1874 |
| WED | 4/2/2014 | 11 | N | 1875 | S | 1767 |
| WED | 4/2/2014 | 12 | N | 1903 | S | 1806 |
| WED | 4/2/2014 | 13 | N | 2028 | S | 1798 |
| WED | 4/2/2014 | 14 | N | 2389 | S | 2319 |
| WED | 4/2/2014 | 15 | N | 3414 | S | 1998 |
| WED | 4/2/2014 | 16 | N | 3418 | S | 3531 |
| WED | 4/2/2014 | 17 | N | 3745 | S | 3647 |
| WED | 4/2/2014 | 18 | N | 2251 | S | 2502 |
| WED | 4/2/2014 | 19 | N | 1449 | S | 1545 |
| WED | 4/2/2014 | 20 | N | 1142 | S | 1090 |
| WED | 4/2/2014 | 21 | N | 953 | S | 897 |
| WED | 4/2/2014 | 22 | N | 576 | S | 597 |
| WED | 4/2/2014 | 23 | N | 456 | S | 364 |

TRAFFIC VOLUME DATA FOR:

DMS No. 6 – I-295 at Route 12

Station Id Station Description

8137 0.5 Mile South of Route 12 (Scituate Ave)

| Day | Date | Time | Direction | Volume | Direction | Volume |
|-----|----------|------|-----------|--------|-----------|--------|
| WED | 4/2/2014 | 0 | N | 263 | S | 131 |
| WED | 4/2/2014 | 1 | N | 156 | S | 75 |
| WED | 4/2/2014 | 2 | N | 124 | S | 68 |
| WED | 4/2/2014 | 3 | N | 85 | S | 97 |
| WED | 4/2/2014 | 4 | N | 161 | S | 246 |
| WED | 4/2/2014 | 5 | N | 610 | S | 718 |
| WED | 4/2/2014 | 6 | N | 1617 | S | 1850 |
| WED | 4/2/2014 | 7 | N | 3148 | S | 3602 |
| WED | 4/2/2014 | 8 | N | 2857 | S | 3839 |
| WED | 4/2/2014 | 9 | N | 1793 | S | 2239 |
| WED | 4/2/2014 | 10 | N | 1581 | S | 1861 |
| WED | 4/2/2014 | 11 | N | 1617 | S | 1873 |
| WED | 4/2/2014 | 12 | N | 1691 | S | 1781 |
| WED | 4/2/2014 | 13 | N | 1897 | S | 1853 |
| WED | 4/2/2014 | 14 | N | 2287 | S | 2353 |
| WED | 4/2/2014 | 15 | N | 3178 | S | 3054 |
| WED | 4/2/2014 | 16 | N | 3306 | S | 3497 |
| WED | 4/2/2014 | 17 | N | 3434 | S | 3657 |
| WED | 4/2/2014 | 18 | N | 2152 | S | 2477 |
| WED | 4/2/2014 | 19 | N | 1449 | S | 1440 |
| WED | 4/2/2014 | 20 | N | 1167 | S | 990 |
| WED | 4/2/2014 | 21 | N | 960 | S | 793 |
| WED | 4/2/2014 | 22 | N | 578 | S | 517 |
| WED | 4/2/2014 | 23 | N | 413 | S | 336 |

TRAFFIC VOLUME DATA FOR:

DMS No. 7 – I-295 at Exit 3

Station Id Station Description

8136 0.4 Mile South of Route 2 (Bald Hill Road)

| Day | Date | Time | Direction | Volume | Direction | Volume |
|-----|----------|------|-----------|--------|-----------|--------|
| WED | 4/2/2014 | 0 | N | 206 | S | 67 |
| WED | 4/2/2014 | 1 | N | 112 | S | 38 |
| WED | 4/2/2014 | 2 | N | 68 | S | 20 |
| WED | 4/2/2014 | 3 | N | 53 | S | 45 |
| WED | 4/2/2014 | 4 | N | 110 | S | 108 |
| WED | 4/2/2014 | 5 | N | 346 | S | 247 |
| WED | 4/2/2014 | 6 | N | 733 | S | 905 |
| WED | 4/2/2014 | 7 | N | 1616 | S | 1235 |
| WED | 4/2/2014 | 8 | N | 2045 | S | 1916 |
| WED | 4/2/2014 | 9 | N | 1341 | S | 1037 |
| WED | 4/2/2014 | 10 | N | 1286 | S | 1043 |
| WED | 4/2/2014 | 11 | N | 1224 | S | 1038 |
| WED | 4/2/2014 | 12 | N | 1070 | S | 963 |
| WED | 4/2/2014 | 13 | N | 1298 | S | 979 |
| WED | 4/2/2014 | 14 | N | 1491 | S | 1033 |
| WED | 4/2/2014 | 15 | N | 1814 | S | 1595 |
| WED | 4/2/2014 | 16 | N | 2201 | S | 1846 |
| WED | 4/2/2014 | 17 | N | 2209 | S | 2064 |
| WED | 4/2/2014 | 18 | N | 1177 | S | 1402 |
| WED | 4/2/2014 | 19 | N | 908 | S | 939 |
| WED | 4/2/2014 | 20 | N | 635 | S | 599 |
| WED | 4/2/2014 | 21 | N | 418 | S | 432 |
| WED | 4/2/2014 | 22 | N | 257 | S | 316 |
| WED | 4/2/2014 | 23 | N | 201 | S | 132 |

**TRAFFIC VOLUME DATA FOR:
DMS No. 11/12 – Route 10 at Reservoir Ave.**

Station Id Station Description

8143 0.9 Mile North of Route 2 (Reservoir Ave)

| Day | Date | Time | Direction | Volume | Direction | Volume |
|-----|----------|------|-----------|--------|-----------|--------|
| WED | 4/2/2014 | 0 | N | 367 | S | 227 |
| WED | 4/2/2014 | 1 | N | 186 | S | 161 |
| WED | 4/2/2014 | 2 | N | 113 | S | 96 |
| WED | 4/2/2014 | 3 | N | 80 | S | 104 |
| WED | 4/2/2014 | 4 | N | 187 | S | 140 |
| WED | 4/2/2014 | 5 | N | 518 | S | 388 |
| WED | 4/2/2014 | 6 | N | 1319 | S | 933 |
| WED | 4/2/2014 | 7 | N | 2602 | S | 1586 |
| WED | 4/2/2014 | 8 | N | 2715 | S | 1681 |
| WED | 4/2/2014 | 9 | N | 1930 | S | 1051 |
| WED | 4/2/2014 | 10 | N | 1744 | S | 1003 |
| WED | 4/2/2014 | 11 | N | 1758 | S | 1019 |
| WED | 4/2/2014 | 12 | N | 1895 | S | 1080 |
| WED | 4/2/2014 | 13 | N | 1939 | S | 1077 |
| WED | 4/2/2014 | 14 | N | 2022 | S | 1369 |
| WED | 4/2/2014 | 15 | N | 2335 | S | 1626 |
| WED | 4/2/2014 | 16 | N | 2508 | S | 1891 |
| WED | 4/2/2014 | 17 | N | 2453 | S | 1695 |
| WED | 4/2/2014 | 18 | N | 1916 | S | 1346 |
| WED | 4/2/2014 | 19 | N | 1533 | S | 996 |
| WED | 4/2/2014 | 20 | N | 1331 | S | 759 |
| WED | 4/2/2014 | 21 | N | 1042 | S | 675 |
| WED | 4/2/2014 | 22 | N | 870 | S | 545 |
| WED | 4/2/2014 | 23 | N | 579 | S | 360 |

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| 201.9907 | Remove and Salvage Existing Portable Variable Message Sign at I-95 and Exit 3 | |
| 201.9908 | Remove and Dispose Existing Concrete Pad at I-295 and Route 116 | JS – 11 |
| 201.9909 | Remove and Dispose Existing Concrete Pad at Route 6 and I-295 | |
| 201.9910 | Remove and Dispose Existing Concrete Pad at Route 146 and Sayles Hill Road | |
| 201.9911 | Remove and Dispose Erosion Control | JS – 12 |
| 201.9912 | Remove and Salvage Sand Filled Barrel System | JS – 13 |

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| 201.9914 | Remove And Salvage Existing Overhead Dynamic Message Sign At I-95 South Near Laurens Street Overpass | |
| 201.9915 | Remove And Salvage Existing Overhead Dynamic Message Sign At Route 6 East And Dresser Street Overpass | |
| 201.9916 | Remove And Salvage Existing Overhead Dynamic Message Sign At Route 4 South And Stony Lane | |
| 201.9917 | Remove And Salvage Existing Overhead Dynamic Message Sign At I-95 North And Exit 25 | |
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JOB SPECIFIC

**SECTION 108.08
PROSECUTION AND PROGRESS**

In accordance with **Section 108.08, Failure to Complete on Time, Para. a., Phased and Interim Completion** the following defines the Phase and Interim Completion Dates and Associated Liquidated Damages:

Substantial Completion: November 20, 2015

All Contract work shall be completed, as defined by **Section 101.71**.

Liquidated Damages: \$1,500.00 per calendar day.

JOB SPECIFIC

**201.9913 REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT
I-95 NORTH NEAR LAURENS STREET OVERPASS**

**201.9914 REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT
I-95 SOUTH NEAR LAURENS STREET OVERPASS**

**201.9915 REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT
ROUTE 6 EAST AND DRESSER STREET OVERPASS**

**201.9916 REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT
ROUTE 4 SOUTH AND STONY LANE**

**201.9917 REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT
I-95 NORTH AND EXIT 25**

**201.9918 REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT
I-95 SOUTH AND EXIT 25**

DESCRIPTION: Work under this item consists of removal, salvage (or stockpile), and delivery of the existing Overhead Dynamic Message Sign (DMS) at the indicated locations. The existing gantry support structure, attachment members and brackets, and associated conduit and cabling shall be left intact and undamaged to accommodate replacement signs indicated in Items T12.9915 through T12.9920.

MATERIALS: All materials shall conform to the applicable sections of the Rhode Island Standard Specifications for Road and Bridge Construction, amended 2010, with all revisions.

CONSTRUCTION METHODS: The DMS and any other equipment not salvaged by the RIDOT TMC Representative shall be delivered to the RIDOT Maintenance Headquarters, 360 Lincoln Avenue, Warwick, RI, 02888. A clear and legible receipt detailing the contract number and the items delivered shall be provided to RIDOT Maintenance accompanying the delivery of the DMS equipment.

The Contractor shall transport the DMS and additional equipment to the RIDOT Maintenance facility by flatbed trailer or another means accepted by the Engineer.

METHOD OF MEASUREMENT: “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 NORTH NEAR LAURENS STREET OVERPASS”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 SOUTH NEAR LAURENS STREET OVERPASS”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT ROUTE 6 EAST AND DRESSER STREET OVERPASS”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT ROUTE 4 SOUTH AND STONY LANE”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 NORTH AND EXIT 25”, and “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 SOUTH AND EXIT 25”, will be each measured as lump sum items in accordance with the Plans and/or as directed by the Engineer.

BASIS OF PAYMENT: The accepted quantities of “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 NORTH NEAR LAURENS STREET OVERPASS”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 SOUTH NEAR LAURENS STREET OVERPASS”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT ROUTE 6 EAST AND DRESSER STREET OVERPASS ”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT ROUTE 4 SOUTH AND STONY LANE”, “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 NORTH AND EXIT 25”, and “REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 SOUTH AND EXIT 25”, will be each paid for at the Contract unit price LUMP SUM as listed in the Proposal. The price so-stated constitutes full and complete compensation for the removal, salvage and delivery of DMS, all labor, materials, and equipment, and all other incidentals required to finish the work, complete and accepted by the Engineer. Any damages to existing utilities and drainage or support structure, attachment brackets, conduit, and cabling caused by the Contractor during construction shall be the Contractor’s responsibility and shall be repair/restored by the Contractor with no additional cost to the State.

JOB SPECIFIC

**T12.9915 FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT
I-95 NORTH NEAR LAURENS STREET OVERPASS**

**T12.9916 FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT
I-95 SOUTH NEAR LAURENS STREET OVERPASS**

**T12.9917 FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT
ROUTE 6 EAST AND DRESSER STREET OVERPASS**

**T12.9918 FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT
ROUTE 4 SOUTH AND STONY LANE**

**T12.9919 FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT
I-95 NORTH AND EXIT 25**

**T12.9920 FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT
I-95 SOUTH AND EXIT 25**

DESCRIPTION: Work performed under this item shall consist of furnishing and installing a replacement Overhead Dynamic Message Sign, mounted to an existing overhead structure (see Items 201.9913 through 201.9918 for removal and salvage of existing DMS), with DMS controllers and equipment to be installed in the existing Ground-Mounted cabinets at the indicated locations or as directed by the Engineer. The DMS shall be connected to existing hardwire power and communication connections.

MATERIALS: The DMS shall each meet the following requirements:

- Potential Contractors are hereby advised that purchase of electronic signs required under this Contract SHALL BE provided by **APPROVED VENDORS** qualified under "CR-36-Continuous Recruitment for Dynamic Message Signs (DMS) and Portable Variable Message Signs (PVMS) Services" **PRIOR TO TIME OF ADVERTISEMENT**. Information regarding CR-36 is available through the RI Department of Administration RIVIP website at www.purchasing.ri.gov
- The Apparent Low Bidder shall during Post Qualification provide original letters directly from the DMS vendor stating their willingness to furnish each DMS specified in the Contract. Failure by the Apparent Low Bidder to submit the required letters certifying the furnishing of specified DMS shall provide grounds to reject the bid as unresponsive.
- At the date of this advertisement, the following **VENDOR** is **APPROVED** for **OVERHEAD DYNAMIC MESSAGE SIGNS** under CR-36.
 - Daktronics 117 Prince Drive, Bookings, SD 57006, telephone 888-325-8726:

- At the date of this advertisement, the following model numbers from the **APPROVED VENDORS** meet the criteria for T12.9915 through T12.9920. Other model numbers submitted shall be from the above mentioned **APPROVED VENDORS AND SHALL BE APPROVED BY THE TMC REPRESENTATIVE**:
 - Daktronics VF-2020-54x240-34-RGB
- Since this is a replacement of an existing DMS, the DMS must be within the physical weight and dimensions of the existing sign so it can be attached to the existing gantry support structure. Model numbers have been selected to accommodate these limitations. Larger or heavier signs are not acceptable.
- The DMS shall be a full matrix, walk-in access, full color, 30 degree viewing angle dynamic message sign.
- The DMS display shall provide 18” high characters on a display of THREE (3) rows of characters with a minimum of TWENTY (20) characters on each row.
- The DMS display panel shall be composed of full color RGB LED’s and the display panel shall have a minimum horizontal viewing angle of 30 degrees.
- The Contractor shall furnish and install an overhead dynamic message sign, all required equipment, and all required cables to connect the overhead dynamic message sign to the existing ground mounted control cabinet, installed, configured, and tested. Existing cabling and conduit shall be reused; any replacement of cabling and conduit must be approved by the RIDOT.
- DMS shall be fully compatible with the existing RIDOT TMC software as described in Continuous Recruitment No. 36.
- The DMS shall include the fan diagnostic system capable of monitoring and reporting the status of the fans.
- The two twelve (12) inch flashing yellow beacon heads shall be light emitting diode (LED) type.
- The Contractor shall utilize the existing overall earth ground that is in place, and ensure that the new replacement DMS is connected to the existing earth ground.
- The DMS controller in the DMS control cabinet shall be connected to the Ethernet switch in the DMS control cabinet with an RJ45 Ethernet patch cord.
- The DMS ground mounted control cabinet shall include an uninterruptible power supply capable of powering the DMS controller(s) in the cabinet and the Ethernet Switch in the cabinet for a minimum of two (2) hours.
- The Overhead DMS shall be installed on the existing support structure from which the old existing DMS has been removed. The DMS manufacturer shall provide on-site installation support during the DMS installation.

- The Contractor shall develop and submit for approval Equipment and System Submittals describing all equipment, cabling and software to be provided for the Overhead Mounted Dynamic Message Sign. This includes but is not limited to the following:
 - A Bill of Materials (BOM) shall be submitted listing all equipment to be provided.
 - Product data sheets for all equipment proposed for this project. These submittals shall include, but are not limited to the following:
 - Identification of the make and model of the DMS and all network equipment
 - Technical data including weight, size, power requirements, electrical characteristics, and environmental requirements.
 - Method of attachment to existing structure.
 - Any other information required to verify full compliance with the DMS Specifications and Plans.
 - The Contractor shall provide general wiring and one-line interface drawings showing all connections between all equipment and interfaces from the Overhead Mounted Dynamic Message Signs to the TMC for review and approval by RIDOT in advance of installation.

TESTING: Testing of the "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 6 EAST AND DRESSER STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25", and "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25", shall follow the TESTING section described under Items T12.9901 thru Item T12.9908.

SYSTEM MAINTENANCE: System Maintenance of the "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 6 EAST AND DRESSER STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25", and "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25", shall follow the SYSTEM MAINTENANCE section described under Items T12.9901 thru Item T12.9908.

FINAL INSPECTION AND ACCEPTANCE: Final inspection and acceptance of the "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 6 EAST AND DRESSER STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25", and "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25", shall follow the FINAL INSPECTION AND ACCEPTANCE section described under Items T12.9901 thru Item T12.9908.

TRAINING: Training associated with the "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 6 EAST AND DRESSER STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25", and "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25", shall follow the TRAINING section described under Items T12.9901 thru Item T12.9908.

GUARANTEES/WARRANTIES: Guarantees/warranties of the "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 6 EAST AND DRESSER STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25", and "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25", shall follow the GUARANTEES/WARRANTIES section described under Items T12.9901 thru Item T12.9908.

MISCELLANEOUS: The Contractor shall provide to RIDOT four (4) hard copies as well as a CD containing electronic versions of both the DMS Operations Manual and the DMS Maintenance Manual.

The Contractor shall complete and receive approval from the Engineer that all Acceptance Test sessions, training, and Burn-In Period are completed prior to Final Acceptance of the unit.

METHOD OF MEASUREMENT: "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 6 EAST AND DRESSER STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25", and "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25", will be measured for payment as a lump sum item.

BASIS OF PAYMENT: "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH NEAR LAURENS STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 6 EAST AND DRESSER STREET OVERPASS", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE", "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25", and "FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25", will be paid for as a lump sum item as listed in the Proposal. The price so stated shall include full compensation for all materials including the overhead DMS, control cabinet equipment, cabling between the cabinet and each DMS, central software, equipment, grounding, hardware, tools, installation, testing, system maintenance, final inspection and acceptance, labor, training, warranties, and work incidental thereto complete in place and accepted by Engineer.

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|-----------------------------|------------------|--|-------------|---------------|-----------------|-----------------|
| 028 | 922.0100 | TEMPORARY CONSTRUCTION SIGNS | SF | | | |
| | | STANDARD 29.1.0 AND 27.1.1 | | | | |
| | | TEMPORARY TRAFFIC CONTROL | | | | |
| | | 27.1.1 | | 120.00 | 0024 | 01 |
| | | G20-2 | | 32.00 | 0024 | 01 |
| | | R1-2 | | 9.00 | 0024 | 01 |
| | | W13-1 (35 MPH) | | 16.00 | 0024 | 01 |
| | | W20-1 (1 MILE) | | 64.00 | 0024 | 01 |
| | | W20-1 (AHEAD) | | 64.00 | 0024 | 01 |
| | | W20-1 (RL) (1 MILE) | | 32.00 | 0024 | 01 |
| | | W20-5A (2 LEFT LANES) | | 32.00 | 0024 | 01 |
| | | W20-5A (2 RIGHT LANES) | | 32.00 | 0024 | 01 |
| | | W20-5R | | 64.00 | 0024 | 01 |
| | | W21-5A | | 32.00 | 0024 | 01 |
| | | W3-2 | | 16.00 | 0024 | 01 |
| | | W4-1 | | 16.00 | 0024 | 01 |
| | | W4-2L | | 64.00 | 0024 | 01 |
| | | W4-2R | | 96.00 | 0024 | 01 |
| Item 922.0100 Total: | | | | 689.00 | | |
| 029 | 923.0200 | FLUORESCENT TRAFFIC CONES STANDARD EACH | | | | |
| | | 26.1.0 | | | | |
| | | STATEWIDE DMS INSTALLATION | | | | |
| | | TEMORARY TRAFFIC CONTROL | | 200.00 | 0024 | 01 |
| Item 923.0200 Total: | | | | 200.00 | | |
| 030 | 924.0113 | ADVANCE WARNING ARROW PANEL | PDAY | | | |
| | | I-95 | | | | |
| | | EXIT 25 | | 12.00 | 0024 | 01 |
| | | NEAR LAURENS STREET OVERPASS | | 12.00 | 0024 | 01 |
| | | ROUTE 10 | | | | |
| | | DMS NO. 11/12 | | 10.00 | 0024 | 01 |
| | | ROUTE 146 | | | | |

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|-----------------------------|------------------|------------------------------------|-----------|--------------|-----------------|-----------------|
| 030 | 924.0113 Cont. | DMS NO. 10 | | 10.00 | 0024 | 01 |
| | | ROUTE 4 | | | | |
| | | STONY LANE | | 3.00 | 0024 | 01 |
| | | ROUTE 6 | | | | |
| | | DMS NO. 4 | | 10.00 | 0024 | 01 |
| | | DRESSER STREET OVERPASS | | 6.00 | 0024 | 01 |
| Item 924.0113 Total: | | | | 63.00 | | |
| 031 | 928.0800 | TRUCK MOUNTED ATTENUATOR WITH | PDAY | | | |
| | | TRUCK MOUNTED FLASHING ARROW BOARD | | | | |

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|-----------------------------|------------------|------------------------------|------------|--------------|-----------------|-----------------|
| 031 | 928.0800 Cont. | I-295 | | | | |
| | | DMS NO. 1 | | 5.00 | 0024 | 01 |
| | | DMS NO. 2 | | 5.00 | 0024 | 01 |
| | | DMS NO. 3 | | 5.00 | 0024 | 01 |
| | | DMS NO. 5 | | 5.00 | 0024 | 01 |
| | | DMS NO. 6 | | 5.00 | 0024 | 01 |
| | | DMS NO. 7 | | 5.00 | 0024 | 01 |
| | | I-95 | | | | |
| | | DMS NO. 9 | | 5.00 | 0024 | 01 |
| | | DMS. NO. 8 | | 5.00 | 0024 | 01 |
| | | EXIT 25 | | 10.00 | 0024 | 01 |
| | | NEAR LAURENS STREET OVERPASS | | 10.00 | 0024 | 01 |
| | | ROUTE 10 | | | | |
| | | DMS NO. 11/12 | | 10.00 | 0024 | 01 |
| | | ROUTE 146 | | | | |
| | | DMS NO. 10 | | 5.00 | 0024 | 01 |
| | | ROUTE 4 | | | | |
| | | STONY LANE | | 5.00 | 0024 | 01 |
| | | ROUTE 6 | | | | |
| | | DMS NO. 4 | | 5.00 | 0024 | 01 |
| | | DRESSER STREET OVERPASS | | 5.00 | 0024 | 01 |
| Item 928.0800 Total: | | | | 90.00 | | |
| 032 | 929.0110 | FIELD OFFICE | PMO | | | |
| | | STATEWIDE DMS INSTALLATION | | | | |
| | | STATEWIDE DMS INSTALLATION | | 12.00 | 0024 | 01 |
| Item 929.0110 Total: | | | | 12.00 | | |
| 033 | 936.0110 | MOBILIZATION | LS | | | |
| | | STATEWIDE DMS INSTALLATION | | | | |
| | | STATEWIDE DMS INSTALLATION | | 1.00 | 0024 | 01 |
| Item 936.0110 Total: | | | | 1.00 | | |

Distribution of Quantities

Project Name - Statewide DMS Installation
 Estimate Name - Addendum No. 2
 R.I. Contract No. - 2014-CT-081
 FAP Nos: CMAQ-VMSN(003)

| <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> |
|-----------------------------|------------------|----------------------------------|-----------|-------------|-----------------|-----------------|
| 034 | 937.0200 | MAINTENANCE AND MOVEMENT TRAFFIC | LS | | | |
| | | PROTECTION | | | | |
| | | STATEWIDE DMS INSTALLATION | | | | |
| | | TEMPORARY TRAFFIC CONTROL | | 1.00 | 0024 | 01 |
| Item 937.0200 Total: | | | | 1.00 | | |

Distribution of Quantities

Project Name - Statewide DMS Installation

Estimate Name - Addendum No. 2

R.I. Contract No. - 2014-CT-081

FAP Nos: CMAQ-VMSN(003)

| <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> |
|-----------------------------|------------------|--|-------------|--------------|-----------------|-----------------|
| 061 | T12.9914 Cont. | DMS NO. 7 | | 1.00 | 0024 | 01 |
| | | I-95 | | | | |
| | | DMS NO. 8 | | 1.00 | 0024 | 01 |
| | | DMS NO. 9 | | 1.00 | 0024 | 01 |
| | | ROUTE 10 | | | | |
| | | DMS NO. 11 | | 1.00 | 0024 | 01 |
| | | ROUTE 146 | | | | |
| | | DMS NO. 10 | | 1.00 | 0024 | 01 |
| | | ROUTE 6 | | | | |
| | | DMS NO. 4 | | 1.00 | 0024 | 01 |
| Item T12.9914 Total: | | | | 11.00 | | |
| 062 | T15.0100 | DIRECTIONAL REGULATORY AND WARNING SIGNS | SF | | | |
| | | ROUTE 146 | | | | |
| | | DMS NO. 10 | | 5.00 | 0024 | 01 |
| Item T15.0100 Total: | | | | 5.00 | | |
| 063 | T15.0200 | REMOVE AND RELOCATE DIRECTIONAL REGULATORY AND WARNING SIGN | EACH | | | |
| | | I-295 | | | | |
| | | DMS NO. 1 | | 1.00 | 0024 | 01 |
| | | ROUTE 6 | | | | |
| | | DMS NO. 4 | | 1.00 | 0024 | 01 |
| Item T15.0200 Total: | | | | 2.00 | | |
| 064 | T17.9901 | FURNISH AND INSTALL OVERHEAD DMS STRUCTURE AND FOUNDATION 126' TO 135' SPAN - STEEL | LS | | | |
| | | ROUTE 10 | | | | |
| | | DMS NO. 11 | | 1.00 | 0024 | 01 |
| Item T17.9901 Total: | | | | 1.00 | | |

Distribution of Quantities

Project Name - Statewide DMS Installation
 Estimate Name - Addendum No. 2
 R.I. Contract No. - 2014-CT-081
 FAP Nos: CMAQ-VMSN(003)

| <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> |
|-----------------------------|------------------|---|-----------|-------------|-----------------|-----------------|
| 065 | 201.9913 | REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 NORTH NEAR LAURENS STREET OVERPASS I-95 NEAR LAURENS STREET OVERPASS | LS | 1.00 | 0024 | 01 |
| Item 201.9913 Total: | | | | 1.00 | | |
| 066 | 201.9914 | REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT I-95 SOUTH NEAR LAURENS STREET OVERPASS I-95 NEAR LAURENS STREET OVERPASS | LS | 1.00 | 0024 | 01 |
| Item 201.9914 Total: | | | | 1.00 | | |
| 067 | 201.9915 | REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT ROUTE 6 EAST AND DRESSER STREET OVERPASS ROUTE 6 DRESSER STREET OVERPASS | LS | 1.00 | 0024 | 01 |
| Item 201.9915 Total: | | | | 1.00 | | |
| 068 | 201.9916 | REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT ROUTE 4 SOUTH AND STONY LANE ROUTE 4 STONY LANE | LS | 1.00 | 0024 | 01 |
| Item 201.9916 Total: | | | | 1.00 | | |
| 069 | 201.9917 | REMOVE AND SALVAGE EXISTING OVERHEAD DYNAMIC MESSAGE SIGN AT | LS | | | |

Distribution of Quantities

Project Name - Statewide DMS Installation

Estimate Name - Addendum No. 2

R.I. Contract No. - 2014-CT-081

FAP Nos: CMAQ-VMSN(003)

| Item No. | Item Code | Description | UM | Qty. | Pay Code | Seq. No. |
|-----------------------------|-----------|----------------------------------|----|-------------|----------|----------|
| 069 | 201.9917 | Cont. I-95 NORTH AND EXIT 25 | | | | |
| | | I-95 | | | | |
| | | EXIT 25 | | 1.00 | 0024 | 01 |
| Item 201.9917 Total: | | | | 1.00 | | |
| 070 | 201.9918 | REMOVE AND SALVAGE EXISTING | LS | | | |
| | | OVERHEAD DYNAMIC MESSAGE SIGN AT | | | | |
| | | I-95 SOUTH AND EXIT 25 | | | | |
| | | I-95 | | | | |
| | | EXIT 25 | | 1.00 | 0024 | 01 |
| Item 201.9918 Total: | | | | 1.00 | | |
| 071 | T12.9915 | FURNISH, INSTALL, AND TEST | LS | | | |
| | | OVERHEAD DMS SYSTEM AT | | | | |
| | | I-95 | | | | |
| | | NORTH NEAR LAURENS STREET | | | | |
| | | OVERPASS | | | | |
| | | I-95 | | | | |
| | | NEAR LAURENS STREET OVERPASS | | 1.00 | 0024 | 01 |
| Item T12.9915 Total: | | | | 1.00 | | |
| 072 | T12.9916 | FURNISH, INSTALL, AND TEST | LS | | | |
| | | OVERHEAD DMS SYSTEM AT | | | | |
| | | I-95 | | | | |
| | | SOUTH NEAR LAURENS STREET | | | | |
| | | OVERPASS | | | | |
| | | I-95 | | | | |
| | | NEAR LAURENS STREET OVERPASS | | 1.00 | 0024 | 01 |
| Item T12.9916 Total: | | | | 1.00 | | |
| 073 | T12.9917 | FURNISH, INSTALL, AND TEST | LS | | | |
| | | OVERHEAD DMS SYSTEM AT | | | | |
| | | ROUTE 6 | | | | |
| | | EAST AND DRESSER STREET OVERPASS | | | | |
| | | ROUTE 6 | | | | |
| | | DRESSER STREET OVERPASS | | 1.00 | 0024 | 01 |

Distribution of Quantities

Project Name - Statewide DMS Installation

Estimate Name - Addendum No. 2

R.I. Contract No. - 2014-CT-081

FAP Nos: CMAQ-VMSN(003)

| <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> |
|-----------------|------------------|--|-----------|-----------------------------|-----------------|-----------------|
| 073 | T12.9917 | Cont. | | 1.00 | | |
| | | | | Item T12.9917 Total: | | |
| 074 | T12.9918 | FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT ROUTE 4 SOUTH AND STONY LANE ROUTE 4 STONY LANE | LS | 1.00 | 0024 | 01 |
| | | | | Item T12.9918 Total: | | |
| 075 | T12.9919 | FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 NORTH AND EXIT 25 I-95 EXIT 25 | LS | 1.00 | 0024 | 01 |
| | | | | Item T12.9919 Total: | | |
| 076 | T12.9920 | FURNISH, INSTALL, AND TEST OVERHEAD DMS SYSTEM AT I-95 SOUTH AND EXIT 25 I-95 EXIT 25 | LS | 1.00 | 0024 | 01 |
| | | | | Item T12.9920 Total: | | |

