

January 8, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7550101

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2015-CB-049

FEDERAL-AID PROJECT NO. FAP Nos: BHO-PRES(002)

Group 53C & 81B Airport Connector & Route 2 Bridge Preservation

Warwick - RI Rte. 2 NB & SB, Airport Connector EB & WB

CITY/TOWN OF Warwick

COUNTY OF KENT

NOTICE TO PROSPECTIVE BIDDERS

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

A. Clarification

1. Pre-Bid Conference

A copy of the Pre-Bid conference Sign-in Sheet has been attached to Addendum No.1.

2. TMA Measurement

Calculation of "Truck Mounted Attenuator with Truck Mounted Flashing Arrow Board" days will be computed by dividing the actual hours used on the site by eight hours.

3. Airport Connector Gore

Removal of the Airport Connector Eastbound / Jefferson Boulevard off ramp gore will remain in the contract. Though now covered with bituminous pavement, it is believed that much of or all of the original concrete gore is still in place and in need of removal.

B. Specification Change/Addition

1. Page CS-16

Remove page CS-16 in its entirety and replace it with revised page CS-16 (R-1) attached to this Addendum No. 1.

Temporary Jacking and Shoring has been removed from the Illustrative Contract Submittal List (CSL).

2. Page JS-23

Remove page JS-23 in its entirety and replace it with revised page JS-23 (R-1) attached to this Addendum No. 1.

The fourth paragraph has been revised. Though not anticipated, should any precautionary measures, (such as temporary jacking and shoring), be required during concrete removal operations in the vicinity of the existing bridge bearings, they will be paid for by force account.

C. Drawings/Plans - Change/Addition

1. Sheet No. 8 – Bridge General Notes Sheet 3

Remove Plan Sheet No. 8 in its entirety and replace it with revised Plan Sheet No. 8 (R-1) attached to this Addendum No. 1.

Sequence of Paving Bridges Notes Note 2 has been eliminated.

2. Sheet No. 9 – Bridge General Plans and Elevations

Remove Plan Sheet No. 9 in its entirety and replace it with revised Plan Sheet No. 9 (R-1) attached to this Addendum No. 1.

Paving limits and pavement type have been modified to eliminate overlaps & discrepancies with Route 2 Resurfacing.

3. Sheet No. 10 – Bridge General Plan

Remove Plan Sheet No. 10 in its entirety and replace it with revised Plan Sheet No. 10 (R-1) attached to this Addendum No. 1.

Paving limits and pavement type have been modified to eliminate overlaps & discrepancies with Route 2 Resurfacing.

4. Sheet No. 16 – Abutment No. 1 and No. 3 Rehabilitation

Remove Plan Sheet No. 16 in its entirety and replace it with revised Plan Sheet No. 16 (R-1) attached to this Addendum No. 1.

Section A has been modified for consistency with Route 2 Resurfacing.

5. Sheet No. 17 – Abutment No. 2 and No. 4 Rehabilitation

Remove Plan Sheet No. 17 in its entirety and replace it with revised Plan Sheet No. 17 (R-1) attached to this Addendum No. 1.

A dimension has been added to Section B.

6. Sheet No's. 63, 64, 66 - 68 – Maintenance and Protection of Traffic Plan No's. 2, 3, 5 - 7

Remove Plan Sheets No's. 63, 64, 66 - 68 in their entirety and replace them with revised Plan Sheet No's. 63, 64, 66 - 68 (R-1) attached to this Addendum No. 1.

A note clarifying the limits of temporary anchored barrier has been added to these sheets.

D. Distribution of Quantities

1. Index Pages 1 - 3

Remove Index Pages 1 - 3 in their entirety and replace them with revised Index Pages 1 – 3 (R-1) attached to this Addendum No. 1.

The Index has been revised.

2. Page 5

Remove Page 5 in its entirety and replace it with revised Page 5 (R-1), and new Page 5a (R-1) attached to this Addendum No. 1.

Item Code 401.2100 “MODIFIED CLASS 12.5 HMA”, and Item Code 401.3000 “CLASS 9.5 HMA” have been revised.

3. Page 6

Remove Page 6 in its entirety and replace it with revised Page 6 (R-1) attached to this Addendum No. 1.

Item Code 403.0300 “ASPHALT EMULSION TACK COAT” has been revised.

4. Page 11

Remove Page 11 in its entirety and replace it with revised Page 11 (R-1) attached to this Addendum No. 1.

Item Code 808.0324 “CONCRETE SUBSTRUCTURE CLASS HP ¾” BRIDGE SIDEWALK” has been deleted.

5. Page 24

Remove Page 24 in its entirety and replace it with revised Page 24 (R-1) attached to this Addendum No. 1.

Item Code 905.0110 “PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0” has been revised.

6. Page 31

Remove Page 31 in its entirety and replace it with revised Page 31 (R-1) attached to this Addendum No. 1.

Item Code 926.0121 “UNANCHORED PRECAST CONCRETE FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0” has been revised.

7. Page 32

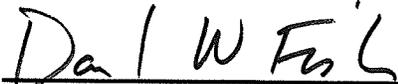
Remove Page 32 in its entirety and replace it with revised Page 32 (R-1) attached to this Addendum No. 1.

Item Code 926.9910 “ANCHORED PRECAST SINGLE-FACED CONCRETE BARRIER FOR TEMPORARY TRAFFIC CONTROL” has been revised.

8. Pages 33 - 35

Remove Pages 33 - 35 in their entirety and replace them with revised Pages 33 - 35 (R-1) attached to this Addendum No. 1.

Item Code 932.0100 "CUTTING AND MATCHING ASPHALT", and Item Code 935.0400 "REMOVING BITUMINOUS PAVEMENT BY MICROMILLING" have been revised.



RI Department of Transportation
Chief Engineer



State of Rhode Island
 Division of Purchases
 One Capitol Hill
 Providence, RI 02908

"NON-MANDATORY" PRE BID CONFERENCE SIGN IN SHEET

BID NUMBER:	7550101
BID TITLE:	2015-CB-049 PTS ID# 0113U Airport Connector & Route 2 Bridge Preservation
PRE BID DATE & TIME:	Thursday January 7, 2016 - 9:00 AM

Purchasing Representative:	
Pre Bid START TIME:	9:02
Pre Bid END TIME:	9:18

PLEASE PRINT

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER
1 R I DOT	NATHAN SHAPIRO	2 CAPITOL HILL, R.I.	NATHANSHAPIRO@DOT.RI.GOV	222-3260-4441
2 WARWICK WATER	DAN ORAUCKE	935 SANDY LANE 100 JEFFERSON BLVD WARWICK, RI 02888	DORAUCKE@WARWICKRI.COM DORAUCKE@WARWICKRI.COM	738-2800 X 6664 401-728-0400
3 AETNA BRIDGE	JEFF BOSTOCK		JBOSTOCK@AETNABRIDGE.COM	
4 D'Amara Const	Lee Taylor	800 Jefferson Blvd	LTaylor@dcl-Amara.com	401-737-1300
5 I DECO	Dorothy Silva	208 Lexington Ave	DSilva28@GMAIL.COM	578-8538
6 R I DOT	Kern Gubin	2 Capitol Hill	K.C.Gubin@ri-dot.gov	222-2659 14068
7 IDS	Irene Ray	136 Scott Rd CUMBERLAND, RI	ids.highway.safety@ri-dot.gov	401-744-4451
8 CAROL LONG	Anthony Meslin	400 Lincoln Ave Warwick RI 02888	AMES17@CAROL.COM	401-7391-8300
9 Patsy Peterson	DOA (DBE)	One Capitol Hill,	Patsy.peterson@carol.com	401 5748356
10 CEC	Nikone Soupharath	400 SMITH ST, PROV, RI	NSOUPIHARA14@COMMONWEALTH-RI.GOV	401-273-6600
11 J.H LYNCH & SONS	Vongvibol Chan	50 Lynett Pl, Cumberland RI	Sales@jhllynch.com	401-333-4300
12 J.H. Lynch and Sons	Alexander J. Veitch	50 Lynch Pl, Cumberland RI	aveitch@my.veitch.com	401-487-8469
13 JRS Highway Safety	ROBERT ROY	136 SCOTT RD.	JRS.HIGHWAYSAFETY@RI.GOV	401-230-3079
14 P.W.S.B.	LEN LANOIE	430 SCITUATE AVE.	LLANOIE@PROVWATER.COM	401-521-6300 7223
15 Verizon Communications	Peter DeGata	85 High st. Pawtucket RI	Peter.X.DeGata@verizon.com	508-944-6701



State of Rhode Island
 Division of Purchases
 One Capitol Hill
 Providence, RI 02908

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Pre Bid END TIME:

PLEASE PRINT

	COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER
16	COMMUNISMA	DAVID TITUS	400 SMITH ST	DTITUS@COMMUNISMA.COM	401-293-6688 x115
17					
18					
19					
20					
21					
22					
23					
24					
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- f. Means, Methods and Equipment for Structural Concrete Masonry Repairs
- g. Temporary Protective Shielding
- h. Temporary Shoring and Bracing – Behind Backwalls
- i. Structural Steel Paint Systems
- j. Surface Preparation of Structural Steel for Painting – Means & Methods
- k. Containment, Collection, Storage & Disposal of Debris and Spent Material
- l. Personnel and Environmental Protection During Cleaning, Surface Preparation and Painting Operations
- m. Prefabricated Waterproofing Sheet Membrane
- n. Steel Bar Reinforcement
- o. Temporary Traffic Plates
- p. Welding Procedures, Welder Certificates
- q. Deck Placement and Curing Plan
- r. Polymer Modified Concrete

16. INCIDENT MANAGEMENT

In the event of an accident, or other unforeseen incident, the Contractor shall positively cooperate with local authorities by providing traffic control devices, personnel, equipment and material as required, both on and off site. The Contractor shall assist in whatever way possible to clear debris from the roadway and maintain traffic flow. Payment for this work shall be on a force account basis. If the personnel are not available on site, they shall be “on call”, and able to respond to the site within one hour of notification to the Contractor’s appointed representative by phone, or in person to the Department of Transportation.

17. CONTRACTOR’S RESPONSIBILITY FOR DAMAGED STORM DRAINS

The Contractor shall use care when working within or in the vicinity of existing drainage structures. Any drainage pipe or culverts damaged while carrying out 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 Contract.

18. CONTRACTOR’S RESPONSIBILITY FOR DAMAGED UTILITY FACILITIES

The Contractor shall use care when working within or in the vicinity of existing utilities. Any utility pipe, equipment, conduit, wire, cable or appurtenances damaged while carrying out any other work on this contract shall be the Contractor’s responsibility. Any utility pipe, equipment, conduit, wire, cable or related appurtenance 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 Contract.

Excessive surface voids indicate a problem with the mix and/or placement. If such voids are observed when stripping a form, placement of the SCC HP mix will cease until the problem is identified and corrected to the satisfaction of the Engineer.

The final surfaces shall be given a rubbed finish in accordance with Section 808.03.11 of the Rhode Island Standard Specifications and will be paid for under a separate Item Code 808.1810.

Shop drawings showing the design and details of the proposed formwork and the spacing and details of the mechanical concrete anchors, etc. shall be submitted for approval.

NOTE: Particular precautions shall be taken when removing concrete in the vicinity of the existing bridge bearings so that the integrity of the bridge superstructure is not jeopardized. The Engineer shall be notified if such a situation is anticipated so that appropriate precautionary measures can be taken (such as jacking and shoring a particular beam or beams). Payment for any precautionary measures deemed necessary by the Engineer will be by force account.

METHOD OF MEASUREMENT: Item Code 808.9910 "Concrete Substructure SCC HP Concrete (AE) 3/8" Abutment Faces" will be measured for payment at the contract unit bid price per "Cubic Yard" of concrete actually placed in accordance with the Contract Documents and/or as directed by the Engineer.

BASIS OF PAYMENT: The accepted quantity of "Concrete Substructure SCC HP Concrete (AE) 3/8" Abutment Faces" will be paid for at the contract unit price per "Cubic Yard" as listed in the Proposal. The price so stated shall constitute full and complete compensation for all tools, labor, equipment, materials, and all other incidentals required to complete the work as described in these Special Provisions and elsewhere in the Contract Documents, complete and accepted by the Engineer.

NOTE: The removal and disposal of all unsound concrete (and the surface preparation of the reinforcing steel and concrete surfaces) will be measured and paid for separately under item code 803.9910 "Remove and Dispose Portion of Existing Concrete Substructure".

SITE RESTORATION:

ALL PUBLIC OR PRIVATE PROPERTY (WITHIN OR ADJACENT TO THE PROJECT LIMITS DISTURBED BY THE CONTRACTOR'S OPERATIONS), SHALL BE RESTORED TO ITS PRE-CONSTRUCTION CONDITION BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL RESTORATION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED 2010. THE COST OF RESTORATIONS SHALL BE INCLUDED IN THE PRICES BID FOR OTHER SCHEDULED ITEMS OF WORK, AND NO SEPARATE PAYMENT SHALL BE MADE.

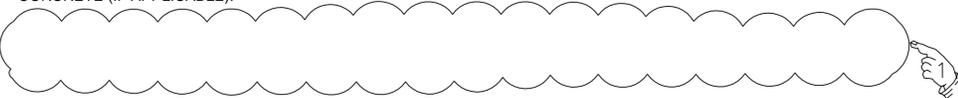
TEMPORARY DECK UNDERSIDE SHIELDING NOTES - BRIDGE Nos. 490, 491, 770, 771, & 773:

1. PROTECTIVE SHIELDING IS MANDATORY AND SHALL BE COMPLETELY INSTALLED UNDER THE BRIDGE STRUCTURE AS DETAILED IN THE INDIVIDUAL BRIDGE PLANS, PRIOR TO COMMENCING ANY DEMOLITION WORK.
2. PROTECTIVE SHIELDING SHALL BE INSTALLED AT LOCATIONS SHOWN IN THESE PLANS AND AS INDICATED IN THE STANDARD SPECIFICATIONS.
3. THE PROTECTIVE SHIELDING SHALL BE DESIGNED FOR THE GREATER OF 150 POUNDS PER SQUARE FOOT OR THE ACTUAL IMPOSED LOADINGS DUE TO THE CONSTRUCTION OPERATION. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER DETAILING THE TEMPORARY PROTECTIVE SHIELDING FOR REVIEW AND APPROVAL. REFER TO CODE 803.0500 OF THE STANDARD SPECIFICATIONS.
4. THE COST OF PROTECTIVE SHIELDING SHALL BE PAID FOR UNDER ITEM CODE 803.9925 AND SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FABRICATION, ERECTION, REMOVAL, RESTORATION AND INCIDENTALS REQUIRED TO COMPLETE THE WORK.

UTILITIES:

1. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UTILITIES, SHOULD THEY AFFECT ANY CONSTRUCTION OPERATIONS. THE "DIG SAFE" POLICY SHALL ALSO BE FOLLOWED. ANY DAMAGE TO EXISTING UTILITIES SHOWN ON THE PLANS OR LOCATED BY DIG SAFE SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COST OF DAMAGE TO THESE UTILITIES SHALL BE BORNE BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING GAS LINES AND A WATER LINE SUPPORTED BY STRUCTURE UNDER THE DECK OF BRIDGE Nos. 490 AND 491 AND A HIGHWAY LIGHTING CONDUIT CONTAINED WITHIN THE SIDEWALKS ON THE EAST SIDE OF THE BRIDGES. FURTHERMORE THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING OVERHEAD ELECTRICAL AND COMMUNICATIONS LINES ABOVE THE BRIDGES ON THE EAST SIDE OF BALD HILL ROAD. THESE UTILITIES SHALL REMAIN IN SERVICE AND SHALL NOT BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
3. THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING ELECTRICAL CONDUITS, TELEPHONE CONDUITS, A GAS LINE, A WATER LINE AND A SEWER FORCE MAIN SUPPORTED BY THE STRUCTURE UNDER THE DECK OF BRIDGE No. 770. THESE UTILITIES SHALL REMAIN IN SERVICE AND SHALL NOT BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
4. THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING OVERHEAD ELECTRICAL AND COMMUNICATIONS LINES UNDER THE DECK OF BRIDGE No. 771 ON THE WEST SIDE OF JEFFERSON BOULEVARD AND A HIGHWAY LIGHTING CONDUIT ATTACHED TO THE OUTSIDE FACE OF THE CENTER MEDIAN PARAPET. FURTHERMORE THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF AN EXISTING WATER AND GAS LINE BELOW THE PAVEMENT OF JEFFERSON BOULEVARD. THESE UTILITIES SHALL REMAIN IN SERVICE AND SHALL NOT BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
5. THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF EXISTING OVERHEAD ELECTRICAL AND COMMUNICATIONS LINES ABOVE AND BELOW THE DECK OF BRIDGE No. 773 ON THE WEST SIDE OF POST ROAD AND A HIGHWAY LIGHTING CONDUIT ATTACHED TO THE OUTSIDE FACE OF THE CENTER MEDIAN PARAPET. FURTHERMORE THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF AN EXISTING WATER, SEWER, TELEPHONE, AND GAS LINE BELOW THE PAVEMENT OF POST ROAD. THESE UTILITIES SHALL REMAIN IN SERVICE AND SHALL NOT BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.

SEQUENCE OF PAVING BRIDGES NOTES:

1. FOR BRIDGE Nos. 490, 491, 770, 771, & 773 THE PAVEMENT ON THE STRUCTURE SHALL BE REMOVED DURING EACH PHASE OF CONSTRUCTION. THE INSTALLATION OF THE WATER PROOFING MEMBRANE, PAVEMENT AND JOINT SYSTEM SHALL NOT PROCEED UNTIL AFTER THE COMPLETION OF THE DECK EDGE REPAIRS AND PROPER CURE OF CONCRETE (IF APPLICABLE).
- 
3. FOR THE INSTALLATION SEQUENCE OF THE ASPHALTIC BRIDGE DECK JOINTS, REFER TO SECTION 823 OF THE RI STANDARD SPECIFICATIONS.

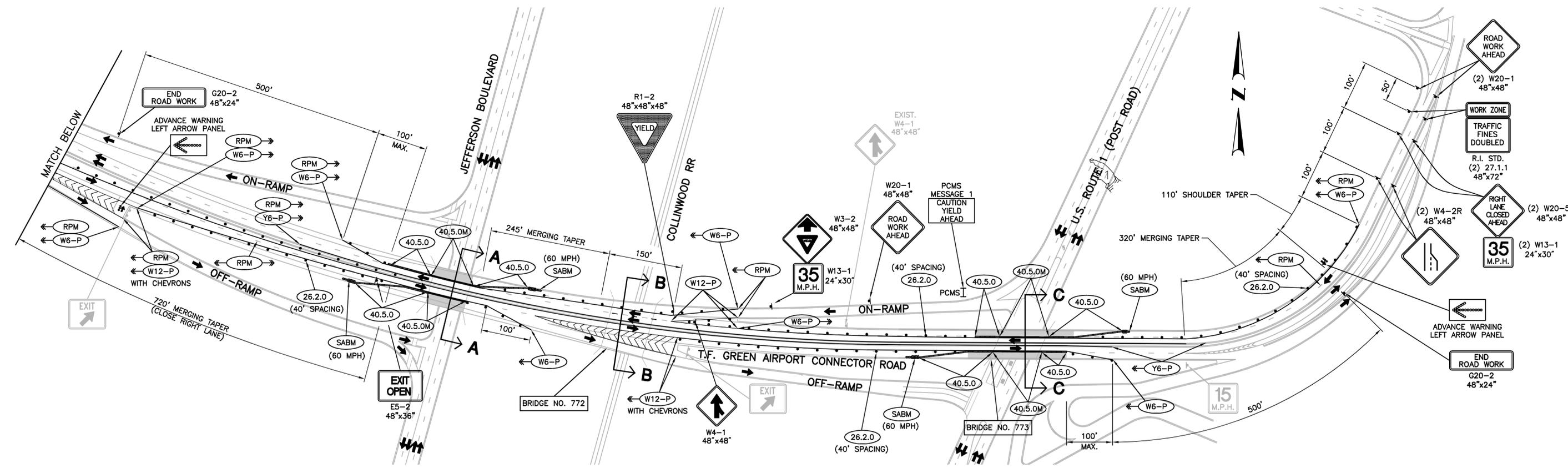
SPECIAL NOTE:

THIS CONTRACT INCLUDES THE REMOVAL OF PAVEMENT ON BRIDGE DECKS FOR THE REPLACEMENT OF JOINTS AT BRIDGE Nos. 490, 491, 770, 771, & 773. IF, AFTER THE PAVEMENT HAS BEEN REMOVED, THE EXISTING CONCRETE EXHIBITS DETERIORATION, THE CONTRACTOR SHALL PERFORM CONCRETE DECK REPAIRS AT THE DIRECTION OF THE ENGINEER. THE PAYMENT FOR THIS WORK SHALL BE COMPENSATED TO THE CONTRACTOR ON A FORCE ACCOUNT BASIS AND PAID FOR UNDER ITEM CODE 819.9901 "PORTLAND CEMENT DECK REPAIRS".

REVISIONS			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
1	1/7/16	KK	AIRPORT CONNECTOR ROADWAY & ROUTE 2 BRIDGE PRESERVATION AND ROUTE 2 RESURFACING	
			WARWICK,	RHODE ISLAND
			BRIDGE GENERAL NOTES SHEET 3	
			CHECKED BY _____	DATE _____ SCALE AS SHOWN



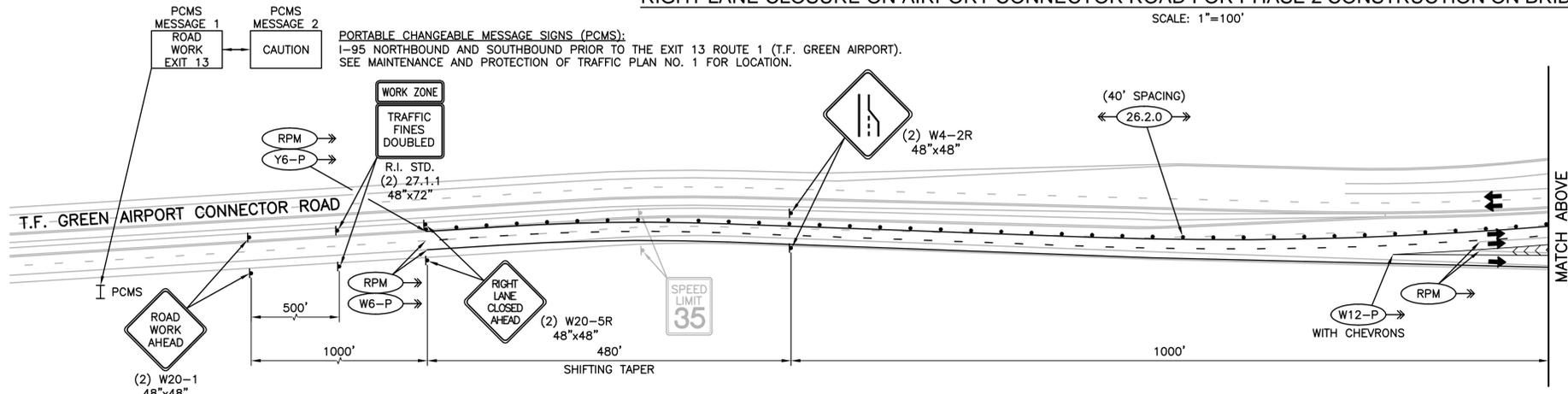
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RIGHT LANE CLOSURE ON AIRPORT CONNECTOR ROAD FOR PHASE 2 CONSTRUCTION ON BRIDGE NOS. 771 & 773

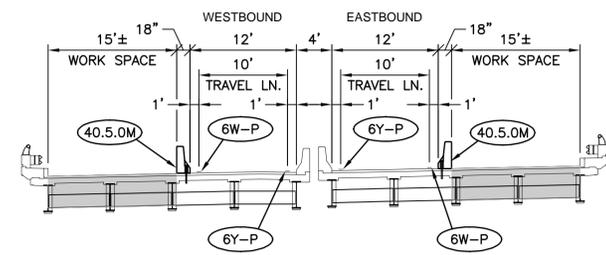
SCALE: 1"=100'

NOTE:
TEMPORARY ANCHORED BARRIER 40.5.0M IS REQUIRED AT LOCATIONS OF BRIDGE DECK EDGE REMOVAL, AND SHALL EXTEND A MINIMUM OF 5 FEET ON EITHER SIDE OF THE CENTERLINE OF EACH BRIDGE JOINT.



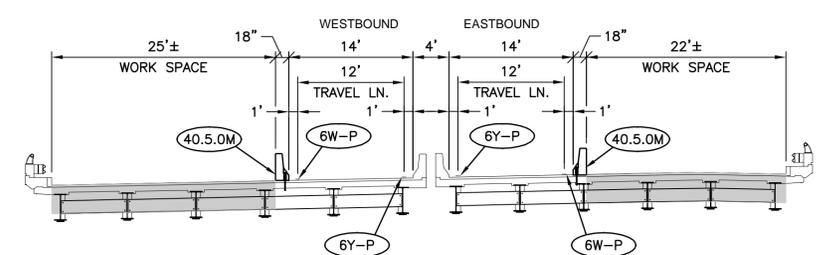
RIGHT LANE CLOSURE ON AIRPORT CONNECTOR ROAD FOR PHASE 2 CONSTRUCTION ON BRIDGE NOS. 771 & 773

SCALE: 1"=100'



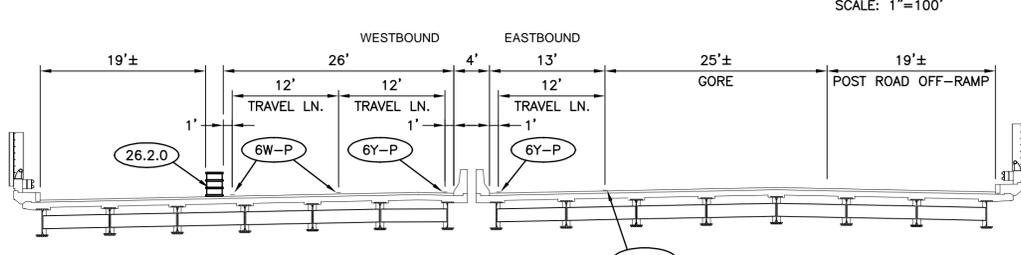
BRIDGE NO. 773 SECTION "C-C" PHASE 2 (DURING CONSTRUCTION)

SCALE: 1" = 10'



BRIDGE NO. 771 SECTION "A-A" PHASE 2 (DURING CONSTRUCTION)

SCALE: 1" = 10'



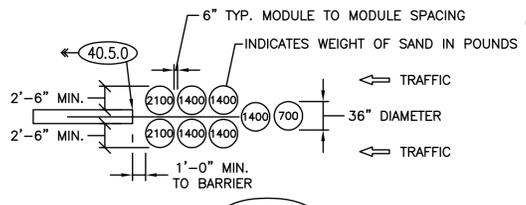
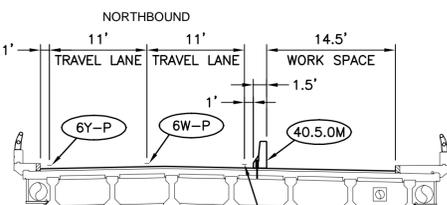
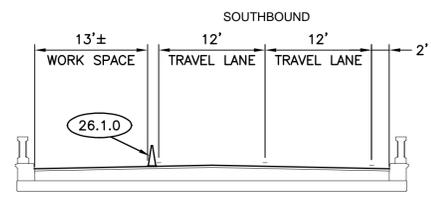
BRIDGE NO. 772 SECTION "B-B" PHASE 2 (DURING CONSTRUCTION)

SCALE: 1" = 10'

NOTE:
FOR ADDITIONAL NOTES AND LEGEND, SEE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN NO. 1.



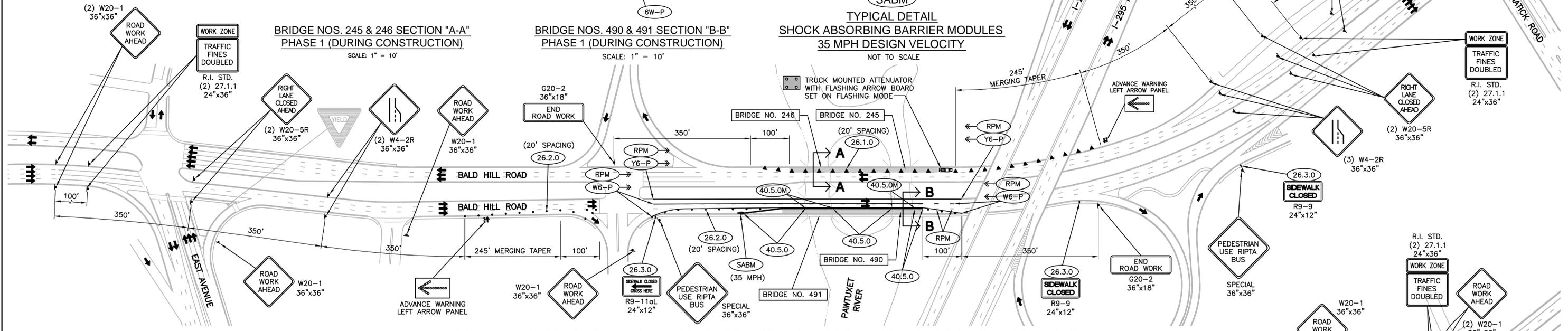
REVISIONS			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
1	1/7/16	KK		
			AIRPORT CONNECTOR ROADWAY & ROUTE 2 BRIDGE PRESERVATION AND ROUTE 2 RESURFACING	
			WARWICK,	RHODE ISLAND
			MAINTENANCE AND PROTECTION OF TRAFFIC PLAN No. 3	
			AIRPORT CONNECTOR ROAD	
			CHECKED BY _____	DATE _____ SCALE AS SHOWN



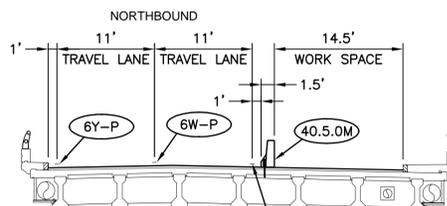
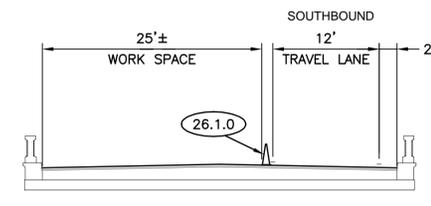
(SABM) TYPICAL DETAIL SHOCK ABSORBING BARRIER MODULES 35 MPH DESIGN VELOCITY NOT TO SCALE

BRIDGE NOS. 245 & 246 SECTION "A-A" PHASE 1 (DURING CONSTRUCTION)
SCALE: 1" = 10'

BRIDGE NOS. 490 & 491 SECTION "B-B" PHASE 1 (DURING CONSTRUCTION)
SCALE: 1" = 10'



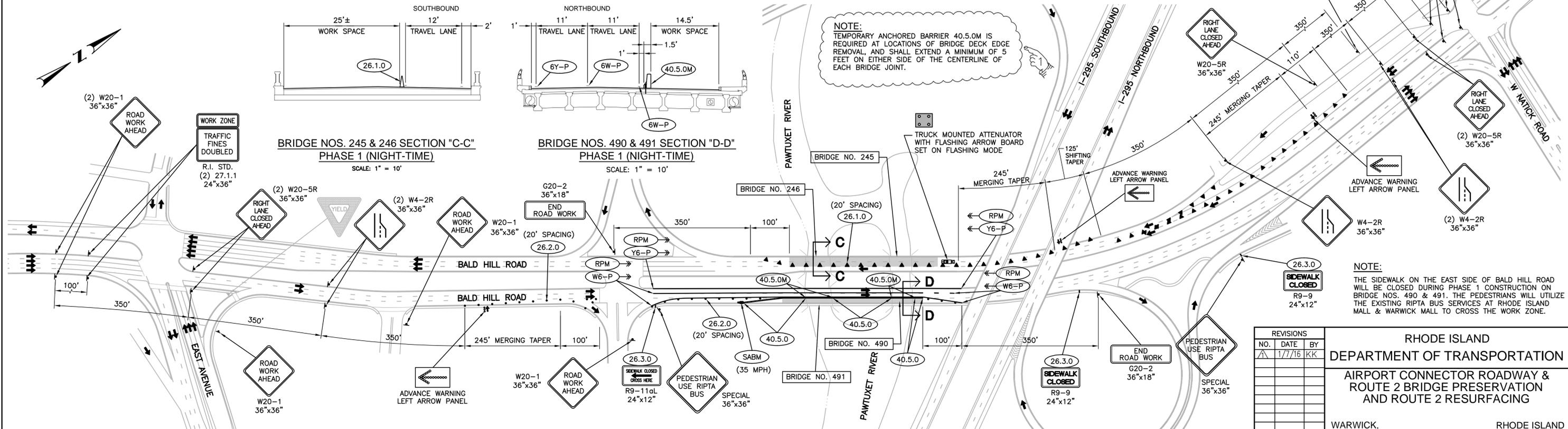
RIGHT LANE CLOSURE ON BALD HILL ROAD NORTHBOUND AND SOUTHBOUND FOR PHASE 1 CONSTRUCTION
SCALE: 1"=120'



NOTE: TEMPORARY ANCHORED BARRIER 40.5.0M IS REQUIRED AT LOCATIONS OF BRIDGE DECK EDGE REMOVAL, AND SHALL EXTEND A MINIMUM OF 5 FEET ON EITHER SIDE OF THE CENTERLINE OF EACH BRIDGE JOINT.

BRIDGE NOS. 245 & 246 SECTION "C-C" PHASE 1 (NIGHT-TIME)
SCALE: 1" = 10'

BRIDGE NOS. 490 & 491 SECTION "D-D" PHASE 1 (NIGHT-TIME)
SCALE: 1" = 10'



TWO RIGHT LANES CLOSURE ON BALD HILL ROAD SOUTHBOUND FOR PHASE 1 CONSTRUCTION (NIGHT-TIME)
SCALE: 1"=120'

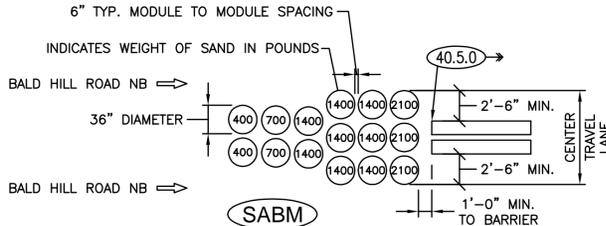
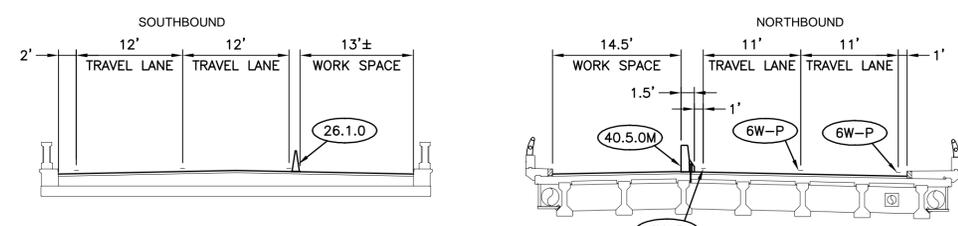
NOTE: FOR ADDITIONAL NOTES AND LEGEND, SEE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN NO. 1.

NO.	DATE	BY
1	1/7/16	KK

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
AIRPORT CONNECTOR ROADWAY & ROUTE 2 BRIDGE PRESERVATION AND ROUTE 2 RESURFACING
 WARWICK, RHODE ISLAND
MAINTENANCE AND PROTECTION OF TRAFFIC PLAN No. 5
 BALD HILL ROAD

CHECKED BY _____ DATE _____ SCALE AS SHOWN

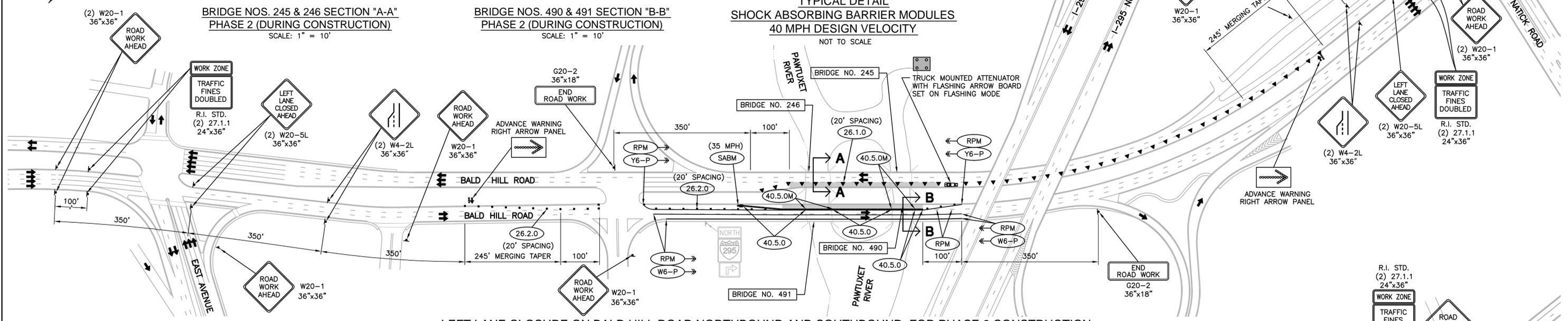
COMMONWEALTH ENGINEERS & CONSULTANTS, INC.
 400 SMITH STREET
 PROVIDENCE, RI 02908



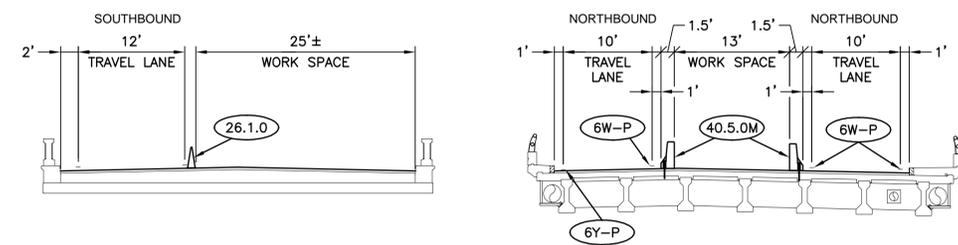
BRIDGE NOS. 245 & 246 SECTION "A-A"
PHASE 2 (DURING CONSTRUCTION)
SCALE: 1" = 10'

BRIDGE NOS. 490 & 491 SECTION "B-B"
PHASE 2 (DURING CONSTRUCTION)
SCALE: 1" = 10'

TYPICAL DETAIL
SHOCK ABSORBING BARRIER MODULES
40 MPH DESIGN VELOCITY
NOT TO SCALE



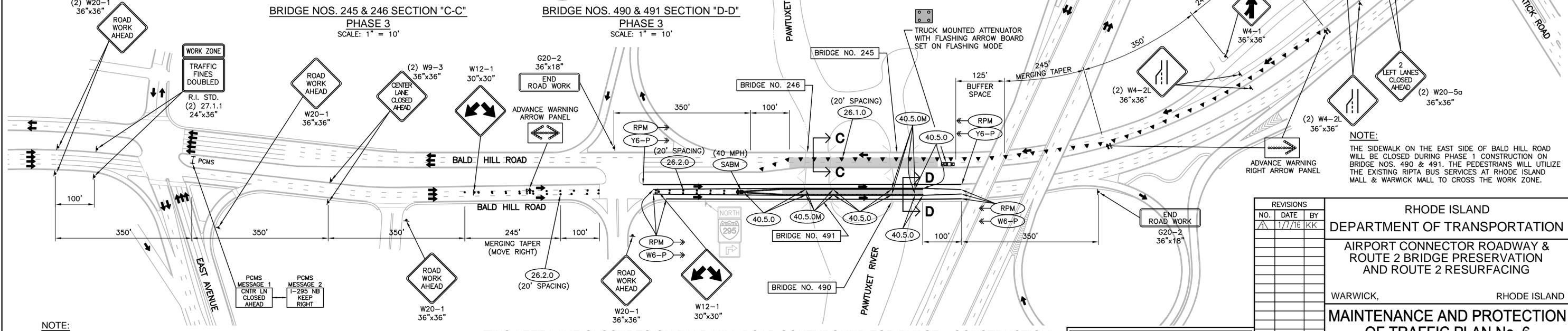
LEFT LANE CLOSURE ON BALD HILL ROAD NORTHBOUND AND SOUTHBOUND FOR PHASE 2 CONSTRUCTION
SCALE: 1"=120'



BRIDGE NOS. 245 & 246 SECTION "C-C"
PHASE 3
SCALE: 1" = 10'

BRIDGE NOS. 490 & 491 SECTION "D-D"
PHASE 3
SCALE: 1" = 10'

NOTE:
TEMPORARY ANCHORED BARRIER 40.5.0M IS REQUIRED AT LOCATIONS OF BRIDGE DECK EDGE REMOVAL, AND SHALL EXTEND A MINIMUM OF 5 FEET ON EITHER SIDE OF THE CENTERLINE OF EACH BRIDGE JOINT.



TWO LEFT LANE CLOSURES ON BALD HILL ROAD SOUTHBOUND FOR PHASE 2 CONSTRUCTION
CENTER LANE CLOSURE ON BALD HILL ROAD NORTHBOUND FOR PHASE 3 CONSTRUCTION
SCALE: 1"=120'

NOTE:
FOR ADDITIONAL NOTES AND LEGEND, SEE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN NO. 1.

NOTE:
THE SIDEWALK ON THE EAST SIDE OF BALD HILL ROAD WILL BE CLOSED DURING PHASE 1 CONSTRUCTION ON BRIDGE NOS. 490 & 491. THE PEDESTRIANS WILL UTILIZE THE EXISTING RIPTA BUS SERVICES AT RHODE ISLAND MALL & WARWICK MALL TO CROSS THE WORK ZONE.

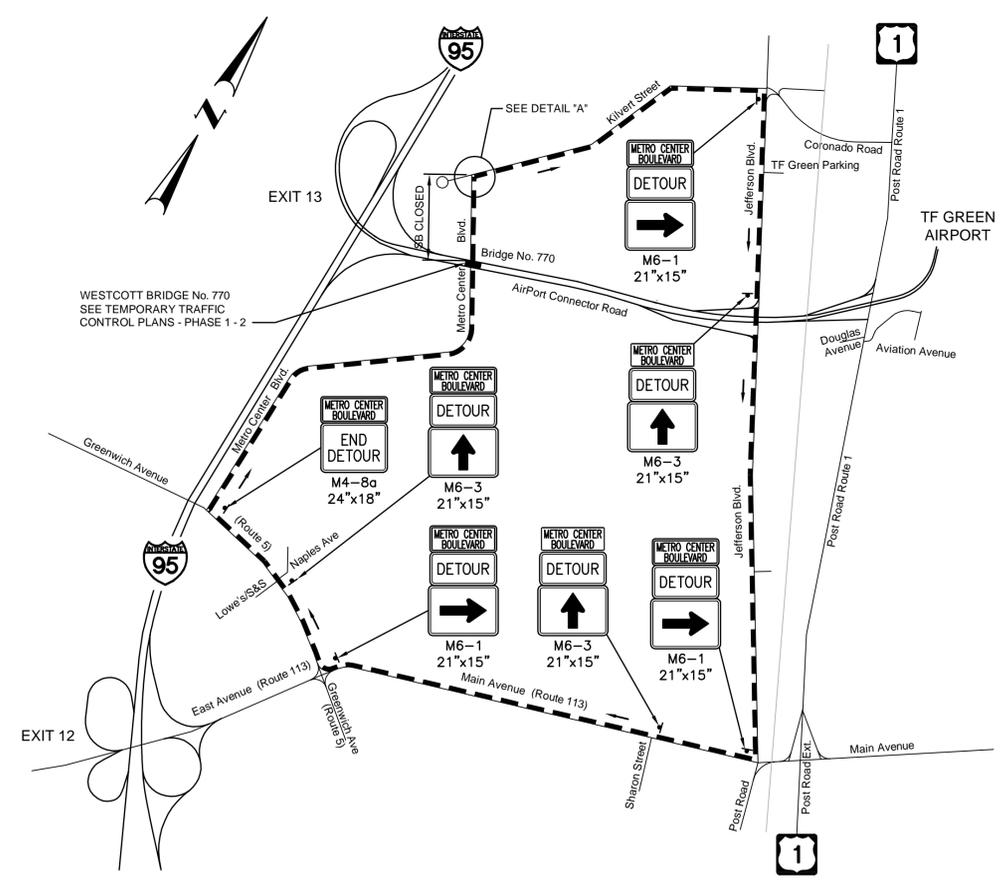
NO.	DATE	BY
1	1/7/16	KK

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
AIRPORT CONNECTOR ROADWAY & ROUTE 2 BRIDGE PRESERVATION AND ROUTE 2 RESURFACING
WARWICK, RHODE ISLAND
MAINTENANCE AND PROTECTION OF TRAFFIC PLAN No. 6
BALD HILL ROAD

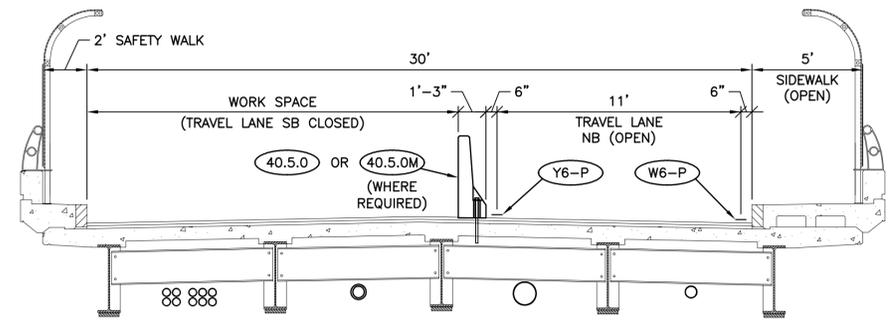
CHECKED BY _____ DATE _____ SCALE AS SHOWN



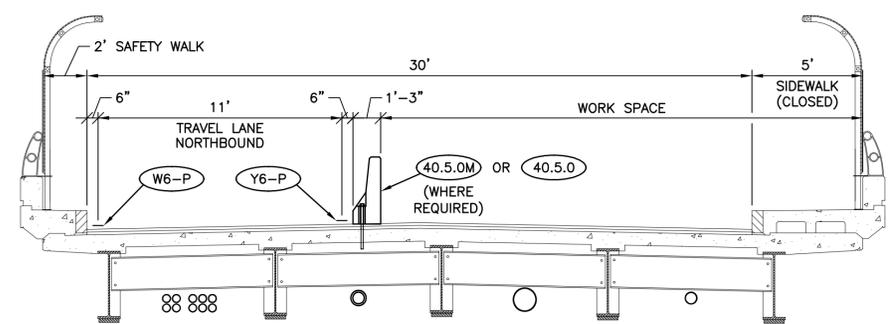
11/000001.00 On-Call Bridge Design (10/22/22) Bridge Preservation (245, 246, 490, 491) and Route 2 Resurfacing (1/20/16) K&K M.A.P.A.



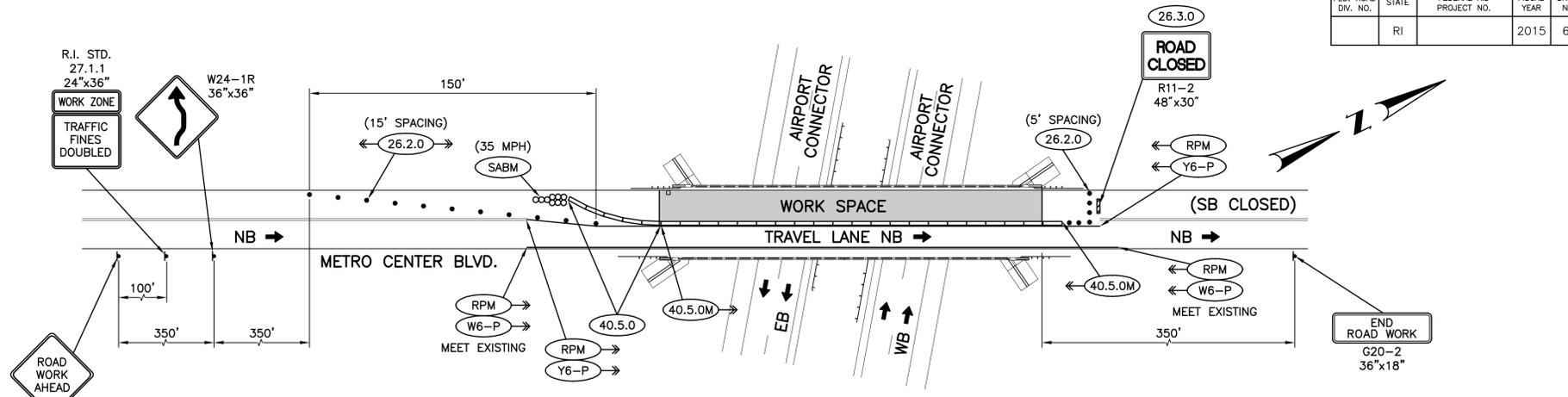
METRO CENTER BOULEVARD DETOUR ROUTE
NOT TO SCALE



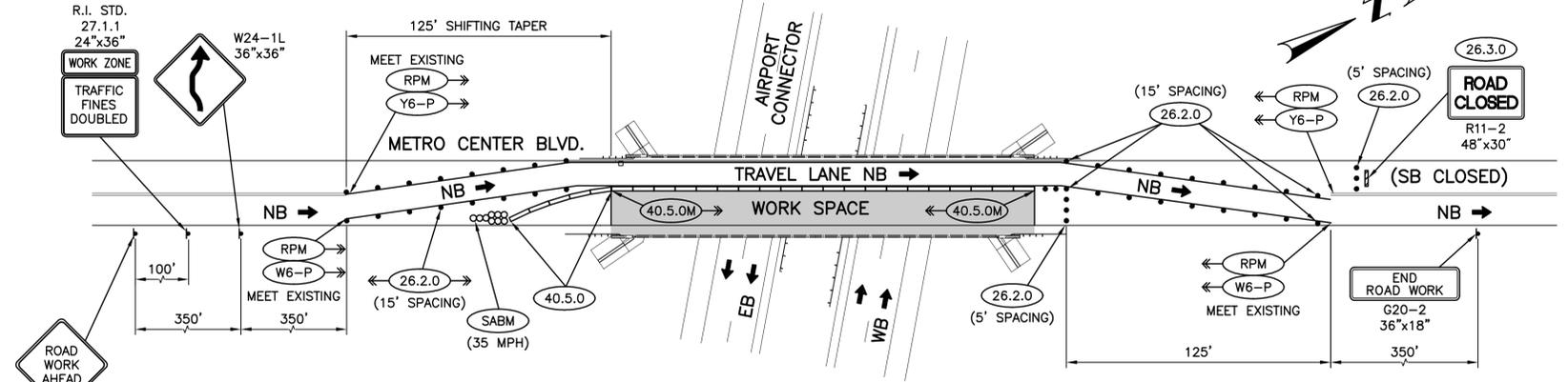
BRIDGE No. 770 TRANSVERSE SECTION
LOOKING NORTH PHASE 1
SCALE: 1" = 4'



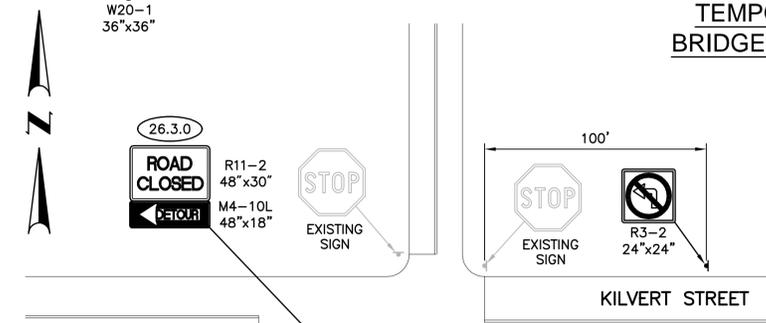
BRIDGE No. 770 TRANSVERSE SECTION
LOOKING NORTH PHASE 2
SCALE: 1" = 4'



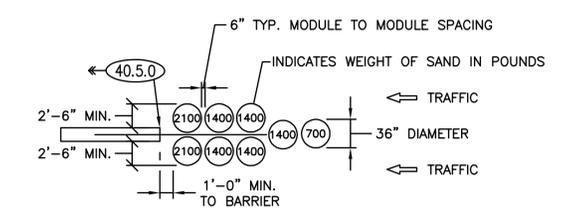
TEMPORARY TRAFFIC CONTROL PLAN
BRIDGE No. 770 CONSTRUCTION PHASE 1
SCALE: 1" = 40'



TEMPORARY TRAFFIC CONTROL PLAN
BRIDGE No. 770 CONSTRUCTION PHASE 2
SCALE: 1" = 40'



DETAIL "A"
NOT TO SCALE



TYPICAL DETAIL
SHOCK ABSORBING BARRIER MODULES
35 MPH DESIGN VELOCITY
NOT TO SCALE

NOTE:
TEMPORARY ANCHORED BARRIER 40.5.0M IS REQUIRED AT LOCATIONS OF BRIDGE DECK EDGE REMOVAL, AND SHALL EXTEND A MINIMUM OF 5 FEET ON EITHER SIDE OF THE CENTERLINE OF EACH BRIDGE JOINT.



REVISIONS		
NO.	DATE	BY
1	1/7/16	KK

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

AIRPORT CONNECTOR ROADWAY & ROUTE 2 BRIDGE PRESERVATION AND ROUTE 2 RESURFACING

WARWICK, RHODE ISLAND

MAINTENANCE AND PROTECTION OF TRAFFIC PLAN No. 7
METRO CENTER BOULEVARD

CHECKED BY _____ DATE _____ SCALE AS SHOWN

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201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	1
201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	1
201.0430	REMOVE AND DISPOSE CONCRETE MEDIAN BARRIER	2
201.9901	REMOVE AND DISPOSE EXISTING GORE 4"	2
201.9940	REMOVE AND DISPOSE SLOPE PAVING	2
202.0800	GRAVEL BORROW	2
203.0100	STRUCTURAL EXCAVATION EARTH	2
203.0650	CRUSHED STONE FILL UNDER STRUCTURES	3
204.0100	TRIMMING AND FINE GRADING	3
206.0312	COMPOST FILTER SOCK 12 INCH DIAMETER	3
212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	4
302.0100	GRAVEL BORROW SUBBASE COURSE	4
401.1000	CLASS 19.0 HMA	4
401.2100	MODIFIED CLASS 12.5 HMA	4
401.3000	CLASS 9.5 HMA	5
401.3003	CLASS 9.5 HMA FOR PATCHING	5
401.4002	CLASS 4.75 HMA FOR LEVELLING	5
403.0300	ASPHALT EMULSION TACK COAT	6
414.0100	WARM MIX ADDITIVE	6
603.1000	CONTROLLED LOW STRENGTH MATERIAL	6
707.1900	ADJUST FRAME & COVER TO GRADE	7
707.2000	ADJUST FRAME AND GRATE TO GRADE	7
708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	7
713.8300	ADJUST GAS GATE BOXES TO GRADE	8
803.0500	TEMPORARY DECK UNDERSIDE AND SIDE PROTECTIVE SHIELDING	8
803.9910	REMOVE AND DISPOSE PORTION OF EXISTING CONCRETE SUBSTRUCTURE	8
803.9920	REMOVE AND DISPOSE PORTION OF EXISTING CONCRETE SUPERSTRUCTURE	9
803.9930	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 490	9
803.9931	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 491	9
803.9932	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 770	9
803.9933	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 771	10
803.9934	TEMPORARY SUPPORT OF EXISTING RAILING, PARAPET, SAFETYWALK, SIDEWALK, AND DECK - BRIDGE NO. 773	10
805.9910	TEMPORARY SHORING AND BRACING BEHIND BACKWALLS	10
808.0323	CONCRETE SUBSTRUCTURE CLASS HP 3/4'' PARAPETS	10
808.0324	** ITEM DELETED **	11
808.0508	CONCRETE SUBSTRUCTURE CLASS XX 3/4'' APPROACH SLABS	11
808.0602	CONCRETE SUBSTRUCTURE CLASS HP 3/4'' BACKWALLS	11
808.1501	CONCRETE SUPERSTRUCTURE CLASS HP 3/4'' BRIDGE DECKS	12
808.1502	CONCRETE SUPERSTRUCTURE CLASS HP 3/4'' BRIDGE SIDEWALKS	12
808.1503	CONCRETE SUPERSTRUCTURE CLASS HP 3/4'' PARAPETS	12
808.1506	CONCRETE SUPERSTRUCTURE CLASS HP 3/4'' BARRIERS	13
808.1640	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1/2''	13
808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1''	13
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808.1810	CONCRETE SURFACE FINISHING RUBBED REGULAR	14
808.9910	CONCRETE SUBSTRUCTURE SC HP CONCRETE 1/2" ABUTMENT FACES	14
810.0210	GALVANIZED BAR REINFORCEMENT GRADE 60	14
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817.9901	REPAIRS TO STRUCTURAL CONCRETE MASONRY (PATCHING MORTAR)	16
817.9902	REPAIRS TO STRUCTURAL CONCRETE MASONRY (FORM AND CAST IN PLACE)	17
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820.0110	CONCRETE SURFACE TREATMENT (PROTECTIVE COATING)	18
820.9932	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 490	18
820.9933	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 491	18
820.9934	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 770	18
820.9935	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 771	19
820.9936	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 773	19
821.1690	SAW & SEALING JOINTS IN BITUMINOUS CONCRETE PAVEMENT	19
821.9901	SAW & SEALING JOINTS IN CONCRETE DECK	19
823.1750	ASPHALTIC EXPANSION JOINT SYSTEM	20
823.1760	STRIP SEAL EXPANSION JOINT ASSEMBLIES	20
824.9910	REMOVE AND DISPOSE EXISTING STEEL DIAPHRAGMS - BRIDGE NO. 773	20
824.9913	AASHTO M270 GRADE 36 STEEL FURNISH, FABRICATE & ERECT ROLLED DIAPHRAGM	20
824.9914	REPAIRS TO COLLISION DAMAGED STRUCTURAL STEEL - TYPE 1	21
824.9915	REPAIRS TO COLLISION DAMAGED STRUCTURAL STEEL - TYPE 2	21
824.9921	STEEL BEAM / GIRDER REPAIRS - BRIDGE NO. 771	21
824.9922	STEEL BEAM / GIRDER REPAIRS - BRIDGE NO. 773	21
824.9950	REMOVE, STOCKPILE, AND REINSTALL EXISTING WATERLINE SUPPORT BRACKET	21
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825.9921	REPAINTING EXISTING STRUCTURAL STEEL - BRIDGE NO. 771	22
825.9922	REPAINTING EXISTING STRUCTURAL STEEL - BRIDGE NO. 773	22
834.0111	VERTICAL FACE GRANITE CURB STRAIGHT 10'' REVEAL	22
834.0131	VERTICAL FACE GRANITE CURB STRAIGHT 7'' REVEAL	23
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904.0101	REMOVE AND RESET FENCE AND/OR RAILING CHAIN LINK	23
905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	24
906.0602	BITUMINOUS BERM STANDARD 7.5.1	24
906.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	24
914.5010	FLAGPERSONS	25
914.5020	FLAGPERSONS - OVERTIME	25
916.0600	SHOCK ABSORBING BARRIER MODULES	25
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924.0113	ADVANCE WARNING ARROW PANEL	30
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926.0121	UNANCHORED PRECAST CONCRETE BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	31
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929.0110	FIELD OFFICE	33
931.0110	CLEANING AND SWEEPING PAVEMENT	33
932.0100	CUTTING AND MATCHING ASPHALT	33
932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	34
935.0400	REMOVING BITUMINOUS PAVEMENT BY MICRO MILLING	34
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L01.0102	LOAM BORROW 4 INCHES DEEP	35
L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	36
L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	36
T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0	36
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T20.0106	6 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	38
T20.0820	FAST DRYING WATERBORNE PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	38
T20.0822	FAST DRYING WATERBORNE PAVEMENT MARKING WORD "ONLY" STANDARD 20.1.0	38
T20.1000	REMOVE EXISTING PAVEMENT MARKINGS	39
T20.1106	6 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS WHITE	39
T20.1112	12 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS WHITE	39
T20.1204	4 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS YELLOW	39
T20.1310	TEMPORARY WATERBORNE PAINT PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT OR COMBINED STANDARD 20.1.0	40
T20.1312	TEMPORARY WATERBORNE PAINT PAVEMENT MARKING WORD "ONLY" STANDARD 20.1.0	40
T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	40
T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	40
T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	41
T20.2016	6 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	41
T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	41
T20.2022	EPOXY RESIN PAVEMENT MARKING WORD "ONLY" STANDARD 20.1.0	41

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015	401.2100 Cont.	POST RD OFF-RAMP (GORE)		76.00	0014	01
		POST RD ON-RAMP (GORE)		15.00	0014	01
		BR. NO. 245				
		BR. NO. 245		50.00	0014	01
		BR. NO. 246				
		BR. NO. 246		50.00	0014	01
		BR. NO. 490				
		BR. NO. 490		15.00	0014	01
		BR. NO. 491				
		BR. NO. 491		15.00	0014	01
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		2,600.00	0005	02
Item 401.2100 Total:				2,964.00		
016	401.3000	CLASS 9.5 HMA	TON			
		BR. NO. 245				
		BR. NO. 245			0014	01
		BR. NO. 246				
		BR. NO. 246			0014	01
		BR. NO. 490				
		BR. NO. 490		90.00	0014	01
		BR. NO. 491				
		BR. NO. 491		90.00	0014	01
		BR. NO. 770				
		BR. NO. 770		116.00	0014	01
		BR. NO. 771				
		BR. NO. 771		170.00	0014	01
		BR. NO. 773				
		BR. NO. 773		130.00	0014	01
Item 401.3000 Total:				596.00		
017	401.3003	CLASS 9.5 HMA FOR PATCHING	TON			
		BR. NO. 245				

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017	401.3003 Cont.	BR. NO. 245		8.00	0014	01
		BR. NO. 246				
		BR. NO. 246		8.00	0014	01
Item 401.3003 Total:				16.00		
018	401.4002	CLASS 4.75 HMA FOR LEVELLING	TON			
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		1,240.00	0005	02

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018	401.4002	Cont.				
		Item 401.4002 Total:		1,240.00		
019	403.0300	ASPHALT EMULSION TACK COAT	SY			
		AIRPORT CONNECTOR RD				
		JEFFERSON BLVD OFF-RAMP		624.00	0014	01
		(GORE)				
		POST RD OFF-RAMP (GORE)		330.00	0014	01
		POST RD ON-RAMP (GORE)		66.00	0014	01
		BR. NO. 245				
		BR. NO. 245		450.00	0014	01
		BR. NO. 246				
		BR. NO. 246		450.00	0014	01
		BR. NO. 490				
		BR. NO. 490		605.00	0014	01
		BR. NO. 491				
		BR. NO. 491		605.00	0014	01
		BR. NO. 770				
		BR. NO. 770		735.00	0014	01
		BR. NO. 771				
		BR. NO. 771		1,100.00	0014	01
		BR. NO. 773				
		BR. NO. 773		850.00	0014	01
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		19,580.00	0005	02
		Item 403.0300 Total:		25,395.00		
020	414.0100	WARM MIX ADDITIVE	EACH			
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		19,580.00	0005	02
		Item 414.0100 Total:		19,580.00		
021	603.1000	CONTROLLED LOW STRENGTH MATERIAL	CY			
		BR. NO. 490				

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035	808.0323 Cont.	BR. NO. 773		7.00	0014	01
Item 808.0323 Total:				20.00		
036	808.0324	CONCRETE SUBSTRUCTURE CLASS HP 3/4'' BRIDGE SIDEWALK BR. NO. 771 BR. NO. 771 BR. NO. 773 BR. NO. 773	CY			
					0014	01
					0014	01
Item 808.0324 Total:					**DELETED**	
037	808.0508	CONCRETE SUBSTRUCTURE CLASS XX 3/4'' APPROACH SLABS BR. NO. 771 BR. NO. 771 BR. NO. 773 BR. NO. 773	CY			
				40.00	0014	01
				31.00	0014	01
Item 808.0508 Total:				71.00		
038	808.0602	CONCRETE SUBSTRUCTURE CLASS HP 3/4'' BACKWALLS BR. NO. 490 BR. NO. 490 BR. NO. 491 BR. NO. 491 BR. NO. 770 BR. NO. 770 BR. NO. 771 BR. NO. 771 BR. NO. 773 BR. NO. 773	CY			
				1.00	0014	01
				1.00	0014	01
				1.00	0014	01
				20.00	0014	01
				16.00	0014	01
Item 808.0602 Total:				39.00		

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081	904.0101	Cont.				
		Item 904.0101 Total:		10.00		
082	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	CY			
		BR. NO. 490				
		BR. NO. 490		2.00	0014	01
		BR. NO. 491				
		BR. NO. 491		2.00	0014	01
		BR. NO. 770				
		BR. NO. 770		2.00	0014	01
		BR. NO. 771				
		BR. NO. 771		1.00	0014	01
		BR. NO. 773				
		BR. NO. 773		1.00	0014	01
		Item 905.0110 Total:		8.00		
083	906.0602	BITUMINOUS BERM STANDARD 7.5.1 ROUTE 2 RESURFACING	LF			
		ROUTE 2 RESURFACING		5,325.00	0005	02
		Item 906.0602 Total:		5,325.00		
084	906.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES	LF			
		BR. NO. 490				
		BR. NO. 490		40.00	0014	01
		BR. NO. 491				
		BR. NO. 491		40.00	0014	01
		BR. NO. 770				
		BR. NO. 770		36.00	0014	01
		BR. NO. 771				
		BR. NO. 771		40.00	0014	01
		BR. NO. 773				

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<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>
096	926.0121	UNANCHORED PRECAST CONCRETE BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	LF			
		AIRPORT CONNECTOR RD				
		BRIDGE 771 PHASE 1		590.00	0014	01
		BRIDGE 771 PHASE 2		340.00	0014	01
		BRIDGE 773 PHASE 1		570.00	0014	01
		BRIDGE 773 PHASE 2		520.00	0014	01
		AIRPORT CONNECTOR RD @ METRO				
		CENTER BLVD				
		PHASE-1 EB		240.00	0014	01
		PHASE-1 WB		240.00	0014	01
		PHASE-2 EB		240.00	0014	01
		PHASE-2 WB		240.00	0014	01
		BALD HILL RD				
		BRIDGE 490-491 PHASE 1		300.00	0014	01
		BRIDGE 490-491 PHASE 2		300.00	0014	01
		BRIDGE 490-491 PHASE 3		600.00	0014	01
		METRO CENTER BLVD				
		BRIDGE 770 PHASE 1		200.00	0014	01
		BRIDGE 770 PHASE 2		230.00	0014	01
Item 926.0121 Total:				4,610.00		
097	926.0140	REFLECTIVE DELINEATORS FOR TEMPORARY CONCRETE BARRIERS	EACH			
		AIRPORT CONNECTOR RD				
		BRIDGE 771 PHASE 1-2		60.00	0014	01
		BRIDGE 773 PHASE 1-2		63.00	0014	01
		AIRPORT CONNECTOR RD @ METRO				
		CENTER BLVD				
		PHASE-1 EB		12.00	0014	01
		PHASE-1 WB		12.00	0014	01
		PHASE-2 EB		12.00	0014	01

Distribution of Quantities

Project Name - Group 53C & 81B Airport Connector & Route 2 Bridge Preservation
 Estimate Name - Addendum to Airport Connector Roadway & Route 2 Bridge Preservation
 R.I. Contract No. - 2015-CB-049
 FAP Nos: BHO-PRES(002)

<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>
097	926.0140	Cont.				
		PHASE-2 WB		12.00	0014	01
		BALD HILL RD				
		BRIDGE 490-491 PHASE 1		23.00	0014	01
		BRIDGE 490-491 PHASE 2		23.00	0014	01
		BRIDGE 490-491 PHASE 3		46.00	0014	01
		METRO CENTER BLVD				
		BRIDGE 770 PHASES 1-2		23.00	0014	01
Item 926.0140 Total:				286.00		
098	926.9910	ANCHORED PRECAST SINGLE-FACED CONCRETE BARRIER FOR TEMPORARY TRAFFIC CONTROL	LF			
		AIRPORT CONNECTOR RD				
		BRIDGE 771 PHASE 1		80.00	0014	01
		BRIDGE 771 PHASE 2		80.00	0014	01
		BRIDGE 773 PHASE 1		80.00	0014	01
		BRIDGE 773 PHASE 2		80.00	0014	01
		BALD HILL RD				
		BRIDGE 490 PHASE 1		80.00	0014	01
		BRIDGE 490 PHASE 2		80.00	0014	01
		BRIDGE 490 PHASE 3		160.00	0014	01
		BRIDGE 491 PHASE 1		80.00	0014	01
		BRIDGE 491 PHASE 2		80.00	0014	01
		BRIDGE 491 PHASE 3		160.00	0014	01
		METRO CENTER BLVD				
		BRIDGE 770 PHASE 1		60.00	0014	01
		BRIDGE 770 PHASE 2		60.00	0014	01
Item 926.9910 Total:				1,080.00		
099	928.0800	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	PDAY			
		AIRPORT CONNECTOR RD				
		PHASE-1&2 SET-UP AND BREAK		20.00	0014	01

Distribution of Quantities

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 FAP Nos: BHO-PRES(002)

<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>
099	928.0800 Cont.	DOWN				
		BALD HILL RD				
		PHASE-1&2		80.00	0014	01
		JEFFERSON BLVD				
		LANE CLOSURES		320.00	0014	01
		POST RD				
		LANE CLOSURES		320.00	0014	01
Item 928.0800 Total:				740.00		
100	929.0110	FIELD OFFICE	PMO			
		ALL WORK ZONES				
		ALL WORK ZONES		20.00	0014	01
Item 929.0110 Total:				20.00		
101	931.0110	CLEANING AND SWEEPING PAVEMENT	HSY			
		AIRPORT CONNECTOR RD				
		BRIDGE 771-773		389.00	0014	01
		AIRPORT CONNECTOR RD @ METRO				
		CENTER BLVD				
		EB		45.00	0014	01
		WB		45.00	0014	01
		BALD HILL RD				
		NB		116.00	0014	01
		SB		34.00	0014	01
		METRO CENTER BLVD				
		BRIDGE 770		16.00	0014	01
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		400.00	0005	02
Item 931.0110 Total:				1,045.00		
102	932.0100	CUTTING AND MATCHING ASPHALT	LF			
		BR. NO. 245				
		BR. NO. 245		200.00	0014	01

Distribution of Quantities

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 FAP Nos: BHO-PRES(002)

<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>
102	932.0100 Cont.	BR. NO. 246				
		BR. NO. 246		200.00	0014	01
		BR. NO. 770				
		BR. NO. 770		60.00	0014	01
		BR. NO. 771				
		BR. NO. 771		160.00	0014	01
		BR. NO. 773				
		BR. NO. 773		125.00	0014	01
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		910.00	0005	02
Item 932.0100 Total:				1,655.00		
103	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	LF			
		AIRPORT CONNECTOR RD				
		JEFFERSON BLVD OFF-RAMP		380.00	0014	01
		(GORE)				
		POST RD OFF-RAMP (GORE)		140.00	0014	01
		POST RD ON-RAMP (GORE)		230.00	0014	01
		BRIDGE NO. 490				
		BRIDGE NO. 490		201.00	0014	01
		BRIDGE NO. 491				
		BRIDGE NO. 491		205.00	0014	01
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		425.00	0005	02
Item 932.0200 Total:				1,581.00		
104	935.0400	REMOVING BITUMINOUS PAVEMENT BY MICRO MILLING	SY			
		BR. NO. 245				
		BR. NO. 245		450.00	0014	01
		BR. NO. 246				
		BR. NO. 246		450.00	0014	01

Distribution of Quantities

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 Estimate Name - Addendum to Airport Connector Roadway & Route 2 Bridge Preservation
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 FAP Nos: BHO-PRES(002)

<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>
104	935.0400 Cont.	BR. NO. 490				
		BR. NO. 490		135.00	0014	01
		BR. NO. 491				
		BR. NO. 491		135.00	0014	01
		BR. NO. 770				
		BR. NO. 770		110.00	0014	01
		BR. NO. 771				
		BR. NO. 771		185.00	0014	01
		BR. NO. 773				
		BR. NO. 773		190.00	0014	01
Item 935.0400 Total:				1,655.00		
105	936.0110	MOBILIZATION	LS			
		ALL WORK ZONES				
		ALL WORK ZONES		1.00	0014	01
Item 936.0110 Total:				1.00		
106	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	LS			
		ALL WORK ZONES				
		AS DIRECTED		1.00	0014	01
Item 937.0200 Total:				1.00		
107	943.0200	TRAINEE MAN-HOURS	MHRS			
		ALL WORK ZONES				
		AS DIRECTED		3,000.00	0014	01
Item 943.0200 Total:				3,000.00		
108	L01.0102	LOAM BORROW 4 INCHES DEEP	SY			
		ROUTE 2 RESURFACING				
		ROUTE 2 RESURFACING		1,750.00	0005	02
Item L01.0102 Total:				1,750.00		