

**NOTICE TO PROSPECTIVE BIDDERS**  
**RITBA CONTRACT NO. 21-09A – ADDENDUM NO. 2**

**Prospective bidders and all concerned are hereby notified of the following changes to RITBA Contract No. 21-09A. These changes shall be incorporated as outlined below and shall become an integral part of the Contract Documents.**

**A. Clarification**

Responses to Contractor submitted questions as of November 15, 2023.

1. Per project proposal page A-3, the deadline for contractor questions is 4:00 PM on November 8<sup>th</sup>, 2023. Can the authority please consider extending this date one week to accommodate potential questions from contractors, suppliers, or fabricators?

A revision has been incorporated in Addendum No. 1, the question deadline and several contract dates have been extended.

2. The statement of qualifications to be submitted with the bid contains references to concrete deck repair experience. It is assumed all references to concrete deck repairs should be replaced with suspension bridge or complex bridge experience. Requests for information on a quality assurance officer, safety officer and scheduler are also noted. A project of this size should not require separate individuals to fill these positions and it is assumed one employee of the contractor can be listed for multiple positions. Can the authority confirm these assumptions.

A revision has been incorporated in Addendum No. 2, referral to bridge deck repairs has been modified to suspension/complex bridge repairs and the allowance of multiple roles by staff has been added.

3. Per project proposal page I-10, Performance and payment bond pay items are listed but they do not appear in the schedule of values on P-2 & P-3. Will additional items be added for payment or should the contractor include this cost within other bid items.

A revision has been incorporated in Addendum No. 2, pay items have been added to the proposal pages.

4. Per Project Plan Sheet S-003, General Note 16 – Can the authority confirm the presence of an asbestos material in the cable band caulking. Will the contractor be required to test for the presence of asbestos or PCBS?

Asbestos and/or PCBs are not expected to be found on the cable during this contract.

5. It is unclear on the extent/limits of work to be performed during the blow testing. Can the authority provide additional information to accurately price the support crew and equipment needed on site during this work.

Refer to Question 10 response.

6. Can the authority confirm how the flagpersons item will be paid. Will it be based on actual hours of flagpersons in the roadway (2 Flaggers x 6 Hours+/-) or based on an entire 8-hour work day?

Flagpersons shall be paid per Section 914 – Flagpersons of the 2023 August, Rhode Island Department of Transportation, Standard Specifications for Road & Bridge Construction. Services of flagpersons shall be measured for payment by the number of hours for each person rendering services according to directions from the Engineer.

7. Can the authority elaborate on the Flagperson-OT item. Based on lane closure time restrictions, it would impossible to work overtime without penalty to the contractor.

A revision has been incorporated in Addendum No. 2., this item has been eliminated and additional clarification has been added to Section 104.08 – Maintenance of Traffic.

Lane closures shall only be allowed as follows:

- Monday to Thursday - 9:00 AM to 3:00 PM.
- Friday - 9:00 AM to 1:00 PM.

Per Section 104.08 – Maintenance of Traffic, the Contractor may request consideration by the RITBA for night or weekend lane closures to be approved at the sole discretion of the RITBA and without any additional cost to the RITBA or compensation to the Contractor.

8. Can the authority verify the advance warning arrow panel pay item. This would mean a second arrow panel is on site but it is not shown on the plans. Item 13 includes a shadow vehicle with crash cushion and arrow board.

A revision has been incorporated in Addendum No. 2., this item has been eliminated.

9. Can the authority confirm how item 12 (Portable Changeable Message Sign) and Item 13 (Shadow Vehicle) will be paid. Will it be based on actual working hours or 8-hours for every working day onsite?

Portable Changeable Message Sign shall be paid per Section 925 – Portable Changeable Message Sign of the 2023 August, Rhode Island Department of Transportation, Standard Specifications for Road & Bridge Construction. The item will be measured by the number of days the unit is employed according to the plans and/or as directed by the Engineer.

Shadow or Advance Warning Vehicle with Crash Cushion and Flashing Arrow Board shall be paid per Section 928 – Shadow or Advance Warning Vehicle with Crash Cushion and Flashing Arrow Board or Changeable Message Sign of the 2023 August, Rhode Island Department of Transportation, Standard Specifications for Road & Bridge Construction. The item will be measured for payment by the number of hours the assembly is deployed in the work in accordance with the traffic control plans or as directed by the Engineer.

10. Can the authority confirm a quantity of (65) for Item 6, Blow Test – Crew Day. Should this quantity be (8) to represent 2 days per injection sleeve blow test?

A revision has been incorporated in Addendum No. 2, this item quantity has been modified.

11. Can additional information be provided on what constitutes a successful blow test.

A successful blow test shall be determined in the field by the Engineer.

12. Per Project Plan Sheet S-003, Construction Sequencing Notes 8.D – Perform trial blow test again (repeat 4A). Please confirm that the injection sleeve is not meant to be removed and re-installed when performing another day of blow testing at a particular point.

The Contractor shall procure injection and exhaust sleeves for each location shown on the plans. Once installed each sleeve is to remain in-place.

13. During the pre-bid meeting proposal, galvanized steel wedges were called out. However, per project plan sheet S-0008, solid zinc wedges are specified. Can the authority confirm what type of wedge is required.

Solid zinc wedges shall be procured.

14. After the work is completed, will the blower unit become the property of the authority?

No.

15. Can any recommended or approved manufacturers of the stainless-steel injection/exhaust sleeves and solid zinc wedges be provided?

Alloy Fabrication Inc.  
1700 North 10th St., P.O. Box 15045  
Reading, Pa. 19612  
(P) 610-921-9212

mDavis  
9 Tyler Way  
Newark, DE 19713  
(P) 302-998-3385

16. Please confirm a separate owner's protective liability policy is required for this contract?

A separate policy is not required.

17. Item 800.9905 Blow Test – Crew Day has a bid quantity of 65 days. Based on the anticipated start date and completion date there are only 72 calendar days of work on the project. The specification say the contractor should assume 2 days per location on the blow test. With only 4 injection and 5 exhaust sleeves should this quantity be reduced?

Refer to Question No. 10 answer.

18. Please confirm that the traffic control pay items (flaggers, TMA's, etc.) are paid for each day they are used on site and are not incidental to any of the other contract items.

Confirmed.

19. Was the anticipated minimum crew size the contractor should provide during the blow test?

The crew size shall be determined at the Contractor's discretion. Below are photos from a similar project for reference:



20. Was a hazardous material assessment including sampling and testing of lead paint on the steel and the lead cables conducted? If so, please provide.

No, a hazardous material sampling and testing program was not conducted for this contract.

21. Please confirm that the Owner is the generator of hazardous waste, including but not limited to the lead cable waste.

Any hazardous waste collected as a result of removal of material from the bridge structure is owned by RITBA.

22. In Addendum No. 1 page A-3 R-1, the authority intends to follow the schedule set forth where Notice of Intent to Award & Contractor to submit required Insurance and Bid Bond all at 4pm on Dec. 22, 2023. On page 60 (I-2) of the specification, under 101.59 NOTICE OF TENTATIVE AWARD, it states "This communication instructs the successful bidder to submit within three (3) days of the receipt of Notice of Intent to Award the duly executed Contract Agreement, Bid Bond and the required Certificate of Insurance." Please allow for 5 calendar days instead of 3 calendar days.

A revision has been incorporated in Addendum No. 2, the number of days has been revised.

23. 107.14 (a) requires the Surety and Contractor to agree to the indemnity clause. Sureties should not be upheld to the same indemnification requirements of the Contractor. Please change from: "Contractor and Surety shall indemnify and save harmless the Rhode Island Turnpike and Bridge Authority, ..." to: "Contractor shall indemnify and save harmless the Rhode Island Turnpike and Bridge Authority,..."

A revision has been incorporated in Addendum No. 2, the text has been revised.

24. 107.14 (c) (1) requires the contractor to provide adequate protection for all officers, agents, and employees if the Rhode Island Turnpike and Bridge Authority, and of the consulting firm of AECOM, and others lawfully on the property of the Authority, and for Contractor against all claims, liabilities, damages, and accidents, that may arise both out of and during work under this Contract. Contractor should be required to provide additional insured coverage to the owner and AECOM, but cannot provide coverage for all parties lawfully on the property of the Authority. Please amend from: "Contractor shall not perform any work under this Contract until they have provided insurance of such character and in such amounts as will provide adequate protection for all officers, agents, and employees if the Rhode Island Turnpike and Bridge Authority, and of the consulting firm of AECOM, and others lawfully on the property of the Authority, and for Contractor against all claims, liabilities, damages, and accidents, that may arise both out of and during work under this Contract, whether such work be by Contractor itself, or by any subcontractor, or by anyone directly or indirectly employed by either of them, or under the supervision of either of them." To: "Contractor shall not perform any work under this Contract until they have provided insurance of such character and in such amounts as will provide adequate protection for all officers, agents, and employees if the Rhode Island Turnpike and Bridge Authority, and of the consulting firm of AECOM, and for Contractor against all claims, liabilities, damages, and accidents, that may arise both out of and during work under this Contract, whether such work be by Contractor itself, or by any subcontractor, or by anyone directly or indirectly employed by either of them, or under the supervision of either of them."

Upon review and consideration of the proposed modifications, to protect the interests of the RITBA, it has been decided that the language will remain unchanged.

25. 107.14 (c) (2) requires insurance to be issued by and originate with an agent lawfully licensed and registered in the State of Rhode Island. Insurance policies provide nationwide coverage. The state in which the Contractor's agent is registered in has no impact on coverage. As such, please amend from: "Contractor shall procure such insurance from companies authorized to do business in the State of Rhode Island; and such insurance shall only be issued by and originate with an agent lawfully licensed and registered in the State of Rhode Island." To: "Contractor shall procure such insurance from companies authorized to do business in the State of Rhode Island."

A revision has been incorporated in Addendum No. 2, the text has been revised.

26. 107.14 (c) (3) (b) requires the certificate for contractual liability to indicate the insurance carrier's acceptance of the indemnification clause. Indemnity is broader than insurance and insurance is limited to the coverage granted under the standard ISO general liability policy. Please strike this sentence: "The certificate for Contractual Liability Insurance shall indicate the acceptance by the insurance carrier of the indemnification clause set forth in Paragraph (a) of this Subsection."

A revision has been incorporated in Addendum No. 2, the text has been revised.

27. 107.14 (c) (3) (c) requires automobile insurance with separate bodily injury and property damage limits. Auto liability coverage is written with combined single limits. Please amend to a \$2,000,000 combined single limit.

Upon review and consideration of the proposed modifications, to protect the interests of the RITBA, it has been decided that the language will remain unchanged.

28. 107.14 (c) (3) (d) requires subcontractors to maintain the same insurance requirements as the Contractor. These coverages and limits may not be commercially available or would be cost prohibitive to most subcontractors, particularly the SBE and DBE subcontractors. Please strike out: "The minimum amounts of coverage for the above types of insurance shall be the same as are specified in Paragraphs (a), (b), and (c) above, except that if the Authority is of the opinion that said minimum amounts of coverage appear excessive because of the extent and nature of the work to be performed by the subcontractor, insurance coverage of lesser amounts may be approved by the Authority." Please amend to: "Contractor shall require subcontractors to provide insurance per Contractor's usual business practices."

Upon review and consideration of the proposed modifications, to protect the interests of the RITBA, it has been decided that the language will remain unchanged.

29. 107.14 (c) (3) (f) requires that if the estimated aggregate of losses covered by a property damage policy equals or exceeds 50% of the aggregate policy limit, the said policy shall, if required by the Authority, upon ten (10) days written notice by the Authority, be endorsed to restore unencumbered the initial aggregate policy limit or be replaced by another policy having the same limit. Please note that property insurance is not required by this contract. Please strike: "Whenever the estimated aggregate of losses covered by a property damage policy equals or exceeds fifty (50) percent of the aggregate policy limit, as determined by the Authority, the said policy shall, if required by the Authority, upon ten (10) days written notice by the Authority, be endorsed to restore unencumbered the initial aggregate policy limit or be replaced by another policy having the same limit."

Upon review and consideration of the proposed modifications, to protect the interests of the RITBA, it has been decided that the language will remain unchanged.

30. On page 24 (C-2) of the "Contract Agreement", It requires that the insurance coverage carried by the Contract not be altered in any way. Contractor's corporate insurance program undergoes many changes throughout the year that would have no effect on this project. Please amend from: "No changes in any insurance coverages in which the Contractor shall be named as the insured and covering the risk involved in the doing of the work shall in any way be materially altered during the progress of the work except to renew any such policy the term of which may expire during the performance of the work." To: "No insurance coverages in which the Contractor shall be named as the insured and covering the risk involved in the doing of the work shall be materially altered during the progress of the work."

A revision has been incorporated in Addendum No. 2, the text has been revised.

31. On page 24 (C-2) of the "Contract Agreement", It requires that the insurance coverage carried by the Contract not be altered in any way. Contractor's corporate insurance program undergoes many changes throughout the year that would have no effect on this project. Please amend from: "No changes in any insurance coverages in which the Contractor shall be named as the insured and covering the risk involved in the doing of the work shall in any way be materially altered during the progress of the work except to renew any such policy the term of which may expire during the performance of the work."

A revision has been incorporated in Addendum No. 2, the text has been revised.

32. Statement of Qualifications - Prime Contractor Page 2 of 9; Question 3: "How many years of experience has your organization had in construction work similar to the work you are interested in bidding (Bridge Concrete Deck Repairs)?" For this job, we suggest that the owner seek out contractors with experience in "Bridge Cable Dehumidification" or "Bridge Cable Repair"

Please see the response to Question #2.

33. Are there any liquidated damages associated with not returning a lane closure in time?

RITBA will not allow lane closures prior to, or beyond the limits stated in the contract. The RITBA will review fines and charges as shown in SECTION 110 – FINE/CHARGES TABLE as deemed appropriate.

34. 103.05 Contract Bond states: "Payment will be made under Pay Item 1 Performance Bond and 2 payment bond in Lump Sum pay unit. These two pay item are not currently listed on the Proposal form P-1, P-2 or P-3. Will these pay item be added to the proposal form?"

Please see the response to Question #3.

35. Can the Owner provide as-built drawings of the bridge so we can verify the elevations of the work performed?

Existing copies of plans will be made available for review in person at the RITBA headquarters (1 East Shore Road, Jamestown, RI 02835), by appointment only during normal working hours, contact: [procurement@ritba.org](mailto:procurement@ritba.org).

36. In the statement of qualifications - Prime Contractor, It was asked that we name 5 positions: a Project Manager; a Construction Superintendent; a Quality Assurance Officer; a Safety Officer and a Scheduler. Please confirm that a person can fill multiple positions on this small project.

Please see the response to Question #2.

37. In pay item, the blow test has quantity of 65 crew day. In specs Code 800.9900 Blow Test on page 97 (II-10) Construction Methods; 5. Perform Blow Test; c. it states: "Contractor shall assume Blow Test will take 2 days per location.". There is 4 ea injection locations. That means we only need 8ea days for Blow Test. Please revise the quantity in pay item for 800.9905 from 65 DAY to 8 DAY.

Please see the response to Question #10.



38. On Drawing S-009 Note 18 states: When the contractor's operations effect traffic in spans 1 through 7 or the intersection of Boyds Ln and Bristol Ferry Rd., The contractor shall have a police intersection at the South end of the bridge. The Police Detail is in addition to the flaggers necessary to control traffic through the work zone. The cost of the Police Detail is a separate pay item. Please provide this pay item.

A revision has been incorporated in Addendum No. 2, the police detail requirement has been removed.

39. 929.01 Description states: "This work includes providing and maintaining an adequate weatherproof and ADA compliant field office for the exclusive use of the Engineer and his/her staff during both the Contract period and approximately 180 days thereafter." Can this office be placed at the North side of the bridge on Owner property? If so, Is there electrical hook up available for the temporary trailers?

A separate field office will not be measured for payment. RITBA will provide space in their maintenance building on the northerly approach to the bridge, 676 Mount Hope Bridge, Bristol, RI, 02809.

40. 107.03 Permits, licenses, and Taxes. Permits are the contractor responsibility per spec section ... Please list any known permits.

The Contractor is required to coordinate with each local municipality to determine the applicability of local permitting requirements specific to their operations to complete the work.

41. What is the current coating on the cable? When was it last done?

The current coating on the cables appears to be PPG Amercoat 399 and Amercoat 450H and was applied in 2015/16.

## **B. PROPOSAL**

### **1. Pages P-1**

Remove page P-1 in its entirety and replace with revised page P-1 (R-1) attached to this Addendum No. 2.  
A minimum bid price for flagpersons has been added.

### **2. Page P-2 and P-3**

Remove pages P-2 and P-3 in their entirety and replace with revised pages P-2 (R-1) and P-3(R-1) attached to this Addendum No. 2.

Item Codes 914.6020 and 924.0113 have been removed, Item Codes 999.9901 and 999.9902 have been added, and the quantity for Item Code 800.9905 has been revised.

## **C. STATEMENT OF QUALIFICATIONS – Prime Contractor**

### **1. Pages 1 through 9**

Remove and replace Pages 1 through 9 in their entirety with revised pages 1 (R-1) through 9 (R-1) attached to this Addendum No. 2. The experience requirements have been modified and clarification to contractor staff filling multiple roles has been added.

## **D. CONTRACT AGREEMENT**

### **1. Page C-2**

Remove page C-2 in its entirety and replace with revised page C-2 (R-1) attached to this Addendum No. 2.  
The insurance requirements have been revised.

## **E. SPECIAL PROVISIONS: Division I: General Requirements and Covenants**

### **1. Page I-2**

Remove page I-2 in its entirety and replace with revised page I-2 (R-1) attached to this Addendum No. 2.  
Section 101.59 has been revised.

2. Page I-10

Remove page I-10 in its entirety and replace with revised page I-10 (R-1) attached to this Addendum No. 2. The item numbers and codes for the Performance Bond and Payment Bond have been added and Section 103.06 has been revised.

3. Page I-12

Remove page I-12 in its entirety and replace with revised page I-12 (R-1) attached to this Addendum No. 2. The last paragraph has been revised to include working hours.

4. Page I-13

Remove page I-13 in its entirety and replace with revised page I-13 (R-1) attached to this Addendum No. 2. The description of the required elements has been modified (Shadow or Advance Warning Vehicle with Crash Cushion and Flashing Arrow Board).

5. Page I-21

Remove page I-21 in its entirety and replace with revised page I-21 (R-1) attached to this Addendum No. 2. Section 107.14 (a) has been revised.

6. Page I-22

Remove page I-22 in its entirety and replace with revised page I-22 (R-1) attached to this Addendum No. 2. Section 107.14 (c) (2) has been revised.

7. Page I-23

Remove page I-23 in its entirety and replace with revised page I-23 (R-1) attached to this Addendum No. 2. Section 107.14 (c) (3) (b) has been revised.

**F. SPECIAL PROVISIONS: Division II: Construction Details**

1. Page II-10

Remove pages I-10 (202.9901 and 800.9900) in their entirety and replace with revised page I-2 (R-1) thru I-10 (R-1) attached to this Addendum No. 2. The page numbers have been corrected and the quantity referenced on the last page of 800.9900 has been removed.

**F. PLANS**

1. Drawing S-009

Remove page S-009 in its entirety and replace with revised page S-009 (R-1) attached to this Addendum No. 2. Notes No. 18, 19, and 20 have been revised.

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY**

**PROPOSAL**

**CONTRACT 21-09A**

**MOUNT HOPE BRIDGE**  
**MAIN CABLE TRIAL BLOW TEST**  
**October 25, 2023**

The undersigned Bidder has carefully examined the site of the work described herein; has become familiar with local conditions and the character and extent of the work; has carefully examined the Drawings, the Specifications, which consist of the Rhode Island Standard Specifications for Road and Bridge Construction, August 2023 Edition, and Special Provisions of the Rhode Island Turnpike and Bridge Authority, the Proposal form, the form of Contract Agreement, and the form of Bid Bond, which are acknowledged to be a part of this Proposal, and they thoroughly understand their stipulations, requirements, and provisions.

The undersigned Bidder has determined the quality and quantity of equipment and materials required; has investigated the location and determined the sources of supply of the materials required; has investigated labor conditions; and has arranged for the continuous prosecution of the work herein described.

The undersigned Bidder hereby agrees to be bound by the award of the Contract and, if awarded the Contract on this Proposal, to execute upon receipt of Notice of Award the required Contract Agreement, the required Performance Bond, and certificates of required insurance, of which Contract this Proposal, the Drawings for the work, and the Specifications as above indicated shall be a part.

The undersigned Bidder further agrees to provide all necessary equipment, tools, labor, incidentals, and other means of construction to do all the work, and furnish all the materials of the specified requirements that are necessary to complete the work in accordance with the Proposal, the Drawings, and the Specifications and agrees to accept therefore, as payment in full, the Contract Unit Price for the actual quantities of work described in the Specifications as set forth in this Proposal.

Any "Extra Work" or "Force Account Work" will be paid for as set forth in the Standard Specifications Subsections 104.05 and 109.04, and the undersigned Bidder hereby agrees to accept payment therefore as stated therein.

There is a Minority/Disadvantaged/Woman-Owned Business Enterprise Program for this project. The percentage goal for this project is 15% of the overall bid price, split evenly between entities.

**The minimum acceptable bid for Item Code 914.6040 – FLAGPERSONS shall be \$65.00/HR.**



<b>Item</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Written Bid Price (\$0.00)</b>	<b>Total (\$0.00)</b>
1	202.9901	LOAD, HAUL, AND DISPOSE OF OTHER WASTE	5000	EA	\$1.00	\$5,000.00
2	800.9901	INSTALLATION OF INJECTION SLEEVES, BLOWER, AND HOSES	4	EA		
3	800.9902	INSTALLATION OF EXHAUST SLEEVES	5	EA		
4	800.9903	WRAPING CABLE PANEL WITH PLASTIC WRAP	24	EA		
5	800.9904	SEALING CABLE BANDS	24	EA		
6	800.9905	BLOW TEST - CREW DAY	15	DAY		
7	914.6010	FLAGPERSONS	1120	HR		
8	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	340.25	SF		
9	923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	75	EACH		
10	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	150	DAY		
11	928.0520	SHADOW OR ADVANCE WARNING VEHICLE WITH CRASH CUSHION AND FLASHING ARROW BOARD	560	HR		
12	936.0110	MOBILIZATION	1	LS		

Item	Item Code	Item Description	Estimated Quantity	Unit	Written Bid Price (\$0.00)	Total (\$0.00)
13	937.0100	FURNISH, INSTALL, MAINTAIN, AND MOVE TEMPORARY TRAFFIC PROTECTION	1	LS		
14	999.9901	PERFORMANCE BOND	1	LS		
15	999.9902	PAYMENT BOND	1	LS		

**TOTAL** \_\_\_\_\_

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY**

**CONTRACT NO. 21-09A**

**MOUNT HOPE BRIDGE  
MAIN CABLE TRIAL BLOW TEST**

**STATEMENT OF QUALIFICATIONS – PRIME CONTRACTOR**

**BUSINESS REFERENCES**

**AND EQUIPMENT AVAILABLE**

(for attachment to Proposal form)

NAME OF BIDDER \_\_\_\_\_

PRINCIPAL OFFICE \_\_\_\_\_  
(Street or P.O. Box) (City) (State) (Zip)

1. Are you an individual ☐, a partnership ☐, a corporation ☐, or a joint venture ☐?  
(Check as applicable).

If a corporation, list names of officers and directors and state of incorporation; if a partnership or a joint venture, list names and addresses of partners or ventures; if any partner or venturer is a corporation, partnership or joint venture, list the information requested above for each such corporation, partnership and joint venture.

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2. How many years has your organization been in business as a contractor under your present business name? \_\_\_\_\_

3. How many years of experience has your organization had in construction work similar to the work you are interested in bidding (Suspension Bridge/Complex Bridge Structures)?\_\_\_\_\_

(a) As a general contractor?\_\_\_\_\_

(b) As a subcontractor?\_\_\_\_\_

4. List below construction projects of a value of over \$1,000,000, involving work similar to that required under this Contract, which your organization has completed in the last ten years.

Location of Work\_\_\_\_\_

Year\_\_\_\_\_

Contract Price\_\_\_\_\_

Kind of Construction\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name of Owner\_\_\_\_\_

Address\_\_\_\_\_

\_\_\_\_\_

(Use blank sheet if additional space is needed)

Location of Work\_\_\_\_\_

Year\_\_\_\_\_

Contract Price\_\_\_\_\_

Kind of Construction\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name of Owner\_\_\_\_\_

Address\_\_\_\_\_

(Use blank sheet if additional space is needed)

5. List below present projects of all types under way for each company or each venturer, on this date.

6. References: Name only the engineers or owners including the public agencies for whom you have performed work:

7. Reference is hereby made to the following bank or banks as to the financial responsibility of the Bidder:

8A. Name of Project Manager who will be responsible for operations under this Contract.

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8B. Home Address\_\_\_\_\_

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8C. Total years experience in the field of general contracting including suspension/complex bridge repairs.

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8D. Total years experience as Project Manager in general contracting including suspension/complex bridge repairs.

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8E. Project Manager's total experience with this company.

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8F. Project Manager's total experience with this company as Project Manager.

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8G. Project Manager's previous employers and nature of work done during ten (10) years prior to employment with this firm.

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8H. Detailed description of proposed Project Manager's experience as Project Manager during past ten (10) years.

Completion Date	Location	Description of Project

(Use blank sheet if additional space is needed)

9A. Name of Construction Superintendent who will be responsible for this Contract.

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9B. Home Address \_\_\_\_\_

\_\_\_\_\_

9C. Total years experience in the field of general contracting including suspension/complex bridge repairs.

\_\_\_\_\_

9D. Total years experience as Construction Superintendent in general contracting including suspension/complex bridge repairs.

\_\_\_\_\_

9E. Construction Superintendent's total experience with this company.

\_\_\_\_\_

9F. Construction Superintendent's total experience with this company as Construction Superintendent.

\_\_\_\_\_

9G. Construction Superintendent's previous employers and nature of work done during ten (10) years prior to employment with this firm.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9H. Detailed description of proposed Construction Superintendent's experience as Construction Superintendent during past ten (10) years.

Completion Date	Location	Description of Project

(Use blank sheet if additional space is needed)

10A. Name of Quality Assurance Officer who will be responsible for this Contract.

\_\_\_\_\_

10B. Home Address\_\_\_\_\_

\_\_\_\_\_

10C. Total years experience in the field of general contracting including suspension/complex bridge repairs.

\_\_\_\_\_

10D. Total years experience as Quality Assurance Officer in general contracting including suspension/complex bridge repairs.

\_\_\_\_\_

10E. Quality Assurance Officer's total experience with this company.

\_\_\_\_\_

10F. Quality Assurance Officer's total experience with this company as Quality Assurance Officer.

\_\_\_\_\_

10G. Quality Assurance Officer's previous employers and nature of work done during ten (10) years prior to employment with this firm.

\_\_\_\_\_

\_\_\_\_\_

10H. Detailed description of proposed Quality Assurance Officer's experience as Quality Assurance Officer during past ten (10) years.

Completion Date	Location	Description of Project

(Use blank sheet if additional space is needed)

11A. Name of Safety Officer who will be responsible for this Contract.

\_\_\_\_\_

11B. Home Address\_\_\_\_\_

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11C. Total years experience in the field of general contracting including suspension/complex bridge repairs.

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11D. Total years experience as Safety Officer in general contracting including suspension/complex bridge repairs.

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11E. Safety Officer's total experience with this company.

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11F. Safety Officer's total experience with this company as Safety Officer.

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11G. Safety Officer's previous employers and nature of work done during ten (10) years prior to employment with this firm.

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11H. Detailed description of proposed Safety Officer's experience as Safety Officer during past ten (10) years.

Completion Date	Location	Description of Project

(Use blank sheet if additional space is needed)

12A. Name of Scheduler who will be responsible for this Contract.

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12B. Home Address\_\_\_\_\_

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12C. Total years experience in the field of general contracting including suspension/complex bridge repairs.

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12D. Total years experience as Scheduler in general contracting including suspension/complex bridge repairs.

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12E. Scheduler's total experience with this company.

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12F. Scheduler's total experience with this company as Scheduler.

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12G. Scheduler's previous employers and nature of work done during ten (10) years prior to employment with this firm.

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12H. Detailed description of proposed Scheduler's experience as Scheduler during past ten (10) years.

Completion Date	Location	Description of Project

(Use blank sheet if additional space is needed)

13. Financial statement of the firm bidding for the job, of the last two (2) years.

(Insert separate sheet)

14. List of major equipment proposed to be used on this Project.

No.	Description	Capacity	Condition & Age	Owner Leased or to be Purchased New


It is acceptable for a single person to fill multiple roles.

The undersigned represents and warrants that the foregoing information is true and accurate to the best of their knowledge and the undersigned intends that the Rhode Island Turnpike and Bridge Authority rely thereon in awarding this Contract.

Bidder: \_\_\_\_\_

By: \_\_\_\_\_  
(Title)

Address: \_\_\_\_\_  
\_\_\_\_\_

Date \_\_\_\_\_

There may be deducted from the amount payable to the Contractor, by the Authority, under this contract, a penalty of fifty dollars (\$50.00) for each person for each calendar day during which such a person is discriminated against or intimidated in violation of the provisions of the Contract.

For a second or any subsequent violation of the provisions of this Contract relating to discrimination or intimidation, this Contract may be cancelled or terminated by the Authority, and all money due, or to become due hereunder, may be forfeited, at the option of the Authority.

The Contractor shall deliver a Performance Bond and a Payment Bond to the Authority each in the amount of this Contract, executed upon forms approved by the Authority, by itself and a surety company or companies acceptable to the Authority, and qualified to do business under the laws of the State of Rhode Island, insuring the faithful performance of all the terms of this Contract and the settlement of claims or other liabilities caused by or incident to the execution of said Contract as well as such other items as may be required by the laws of the State of Rhode Island.

No insurance coverages in which the Contractor shall be named as the insured and covering the risk involved in the doing of the work shall be reduced during the progress of the work except to renew any such policy the term of which may expire during the performance of the work. In the event of the expiration of any such policy during the performance of the work, a renewal policy shall be provided to the Authority at least ten (10) days in advance of such expiration.

The work shall be prosecuted from as many different points, in such part or parts and at such times as may be directed by the Engineer, and shall be conducted in such a manner and with such materials, equipment, and labor as are considered necessary by the Engineer to insure its completion within the time set forth in the Proposal.



Delete the text and substitute the following:

The Rhode Island Turnpike and Bridge Authority

**101.40 DIVISION OF PURCHASES.**

Delete the text and substitute the following:

Rhode Island Turnpike and Bridge Authority

**101.41 ENGINEER.**

Delete "Chief Engineer of the Division of Public Works" and substitute the following:

The Director of Engineering of the Rhode Island Turnpike and Bridge Authority

**101.59 NOTICE OF TENTATIVE AWARD.**

Delete the second sentence, "This communication..." and replace with the following:

This communication instructs the successful bidder to submit within five (5) business days of the receipt of this Notice of Intent to Award the duly executed Contract Agreement, Bid Bond and the required Certificate of Insurance.

**101.86 STATE.**

Delete the text and substitute the following:

The Rhode Island Turnpike and Bridge Authority

**101.89 SUBSTANTIAL COMPLETION.**

Delete the text and substitute with the following:

The term "Substantial Completion" means the point at which the performance of all work on the Project has been completed except final cleanup, and repair of unacceptable Work, and provided the Engineer has determined, in their sole discretion, that:

- a. The Project is safe and convenient for use by the public, and,
- b. Failure to complete the work and repairs excepted above would not result in the deterioration of other completed work; and, provided further, that the value of work remaining to be performed, repairs and cleanup, is less than 2 percent of the Total Adjusted Contract Price.

**101.100 WINTER SHUTDOWN.**

Delete the text and substitute with the following:

No Winter Shutdown is anticipated for this project. However, limitations on work may be addressed under specific work items in Division II of these Specifications. It is the Contractor's responsibility to address cold weather effects on work without additional cost to the RITBA.

<u>Pay Item</u>	<u>Item Code</u>	<u>Description</u>	<u>Pay Unit</u>
14	999.9901	Performance Bond	LS
15	999.9901	Payment Bond	LS

Payment for the bonds will be made at the lump sum prices bid or the actual cost, whichever is lower, and will be made only upon delivery of a receipted bill or bills.

#### **103.06 EXECUTION OF THE CONTRACT.**

Delete this subsection in its entirety and substitute the following:

The Contract shall be executed by the successful bidder, hereinafter referred to as the Contractor, and submitted along with the required Certificate of Insurance, and Payment and Performance Bonds in the form satisfactory to the Authority within five (5) business days of the Notice of Intent to Award.

Receipt by the Contractor of the fully executed Contract Agreement will constitute the Award of the Contract.

#### **103.07 FAILURE TO EXECUTE CONTRACT.**

Modify the first sentence of the second paragraph as follows:

If RITBA does not execute the contract within forty-five (45) calendar days of Bid opening, or as agreed upon....

**END OF SECTION 103**

#### **104.05      EXTRA WORK.**

Delete the subsection in its entirety and substitute the following:

- a. The Authority reserves the right to require Extra Work as needed for the satisfactory completion of the Project. Such work will be designated as Extra Work when it is determined by the Engineer that such work is not covered in any of the various items for which there is a bid price or by combination of such items. In the event portions of such work are determined by the Engineer to be covered by some of the various items for which there is a bid price or combinations of such items, the remaining portion of such work will be designated as Extra Work.

The Contractor shall do such Extra Work and furnish labor, material and equipment therefore upon receipt of a Change Order, Field Order, or Supplementary Agreement and in the absence of such it shall not perform, and not be entitled to payment for, such Extra Work.

Payment for Extra Work required pursuant to the provisions in this subsection will be made as provided in Subsection 109.04 or as agreed to in a Supplementary Agreement.

If the Contractor and the Engineer cannot agree on a Supplementary Agreement for Extra Work, and the Engineer, in their sole discretion, deems it inadvisable to have such work completed on a Force Account basis as provided in Subsection 109.04, the Authority may elect to have such work completed by others. Under these circumstances, the Contractor shall not interfere therewith nor have any claim for additional compensation as the result of such election.

#### **104.08      MAINTENANCE OF TRAFFIC.**

Add the following:

The work shall be performed in accordance with the Maintenance and Protection of Traffic Plans and as further described below:

The Contractor shall conduct their work in such a manner as not to interfere, under any conditions or circumstances, with navigation by vessels under the bridges.

It is the Contractor's responsibility to maintain the safety of the work site and the components of any lane closure at all times. The Contractor must provide oversight of the work site at all times and be able to respond immediately to any damage to the lane closure components caused by the elements or by a vehicle, while providing temporary safety measures until such time that the Engineer approves the condition of the lane closure.

Maintenance and Protection of Traffic Plans are included in the Contract Drawings during long-term staged construction setups only. However, this does not relieve the Contractor of his responsibility to provide daily lane closures, for the purposes of setting up or shifting between the long-term temporary stages as shown on the Contract drawings, that conform and comply with RIDOT Standard Specifications, MUTCD, the Contract Drawings and Specifications, and State and Local laws.

The Contractor must submit a schedule of daily lane closures to the Engineer with the initial project schedule for approval by the Engineer and the Authority. Lane closures shall only be allowed as follows: Monday to Thursday - 9:00 AM to 3:00 PM; and Friday - 9:00 AM to 1:00 PM. The Contractor may request consideration by the RITBA for night or weekend lane closures to be approved at the sole discretion of the RITBA and without any additional cost to the RITBA or compensation to the Contractor.

The Contractor will not be permitted to leave daily lane closures up overnight or at any time that the area is not attended by Contractor personnel equipped to maintain the work site and the maintenance and protection of traffic.

The Contractor may not store any equipment or materials on the roadways, shoulders, or safety walks without the benefit of an adjacent lane closure and under no circumstances may equipment or materials be stored on the roadways, shoulders, or safety walks overnight for work being performed under daily lane closures.

The Contractor shall install adequate warning lights, guide barriers, and signage in accordance with the Contract Drawings, applicable provisions of Sections 922 through 928 and Section 937 of these Specifications, the Standard Specification, MUTCD standards, and all State and Local laws and regulations.

The Contractor shall provide the following additional elements in all lane closures:

1. Shadow or Advance Warning Vehicle with Crash Cushion and Flashing Arrow Board.
2. At least two Flagpersons for Route 114 daily lane closures.

These above requirements shall be identified on the Temporary Traffic Control Plan submitted by the Contractor to the Engineer for approval, should the Contractor elect to alter the Maintenance and Protection of Traffic Plans contained in the Contract Documents. These items are required regardless of whether these items are called out on the Contract Drawings, recommended by the Contractor's Engineer, or required by any applicable standard or guideline.

Care shall be exercised at all times to protect the traveling public. The Contractor shall take all necessary precautions, as approved by the Engineer, to accomplish such protection. Contractor shall not dump any object from the bridge.

Contractor shall obey all town, city, state, and federal laws and regulations during the conduct of the work.

It is the Contractor's responsibility to ensure and to maintain the safety of all workers (including the Contractor's workers, workers performing other contract or maintenance work, and the RITBA maintenance staff), and the public, below or adjacent to their work area on the bridge and its approaches. The Contractor's safety measures shall include the necessary means to catch and retain any falling debris, materials and/or equipment. See Subsection 107.08: Public Convenience and Safety.

Wherever possible, the Contractor shall provide for the prosecution of work items that require lane closures concurrently to reduce the number of total lane closures.

The Contractor is alerted that other repair contracts and/or maintenance work by the RITBA may be under construction concurrently with this Contract. Daily Lane closures requested for this Contract 21-09A work must be coordinated with the lane closures for all other work. The Contractor shall submit a construction schedule to the Engineer in order to allow coordination with any other work that will be performed under daily lane closures. For any daily lane closures not previously scheduled and coordinated by the Contractor for Contract 21-09A work, or for any revision to the scheduled lane closures, other previously scheduled contract or maintenance work will take priority over this Contract as determined by the Engineer.

The Contractor's safety measures shall include the necessary means to catch and retain any falling debris, materials and/or equipment. Additionally, the Contractor's safety measures shall include the necessary means to protect adjacent traffic, property, pedestrians from flying debris during demolition work and damage from uncontrolled applications of repair materials, chemicals, and blast media. Any event of debris, material or equipment falling from the Contractor's work areas or flying debris not being contained within the work area will result in the Engineer issuing an immediate stop work order to the Contractor. This stop work order will remain in effect until the Authority, in their sole opinion, finds the Contractor to have corrected any unsafe conditions. Any costs associated with delays or otherwise associated with such a stop work order shall be borne solely by the Contractor without any cost to the Authority.

The Engineer has the authority to issue an immediate stop work order to the Contractor if, in the sole opinion of the Authority, any work area is deemed to be unsafe or any work is being performed in an unsafe manner, or if the Contractor's work or work site in any way is a hazard to workers or the public. Any costs associated with delays or otherwise associated with such a stop work order shall be borne solely by the Contractor without any cost to the Authority.

#### **107.14 RESPONSIBILITY FOR DAMAGE CLAIMS.**

Delete the text and substitute the following:

(a) Indemnification

Contractor shall indemnify and save harmless the Rhode Island Turnpike and Bridge Authority, its members and their successors, and all of its officers, agents, and employees, and the Consultant, AECOM, and its agents, from all suits, actions, or claims of any character, name, and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of the operations under this Contract of the said Contractor or its subcontractors, whether or not the same be due to the use of defective materials, defective workmanship, neglect in safeguarding the work, or by or on account of any act, omissions, neglect, or misconduct of the said Contractor or its subcontractors, or otherwise, or by or on account of any claims or amount recovered for any infringement of patent, trademark, or copyright, or from any claims or amounts arising or recovered under the Worker's Compensation Law or any other law, by-law, ordinance, order, or decree, and so much of the money due the said Contractor under any by virtue of this Contract as shall be considered necessary by the Authority shall be retained for the use of the Authority, or in the case no money is due, the Contractor's surety shall be held until such suit or suits, action or actions, or claim or claims for injury or damages, as aforesaid, shall have been settled and suitable evidence to that effect furnished to the Authority.

Any extension of time granted Contractor in which to complete the Contract shall not relieve the Contractor or its surety from this responsibility.

(b) Accidents

- (1) Contractor shall provide at the site such equipment and medical facilities as are necessary to supply first aid service to any person who may be injured in the progress of the work.

Contractor shall promptly report in writing to the Authority all accidents whatsoever arising out of or in connection with the performance of the work, whether on or adjacent to the site, which cause death, personal injury, or property damage, giving full details and statements of witnesses. In addition, if death or serious injuries or serious damages are caused, the accident shall be reported immediately by telephone to the Authority.

- (2) If any claim is made by a third person against Contractor or any subcontractor on account of accident, Contractor shall promptly report the fact in writing to the Authority, giving full details of the claim.

(c) Insurance

- (1) Contractor shall not perform any work under this Contract until they have provided insurance of such character and in such amounts as will provide adequate protection for all officers, agents, and employees of the Rhode Island Turnpike and Bridge Authority, and of the consulting firm of AECOM, and others lawfully on the property of the Authority, and for Contractor against all claims, liabilities, damages, and accidents, that may arise both out of and during work under this Contract, whether such work be by Contractor itself, or by any subcontractor, or by anyone directly or indirectly employed by either of them, or under the supervision of either of them.
- (2) Contractor shall procure such insurance from companies authorized to do business in the State of Rhode Island. Except as provided otherwise herein, Contractor shall maintain such insurance in force and effect during the life of this Contract. Neither approval by the Authority nor a failure to disapprove insurance furnished by Contractor shall relieve Contractor of full responsibility for all claims, liabilities, damages, and accidents as set forth herein.
- (3) The minimum amounts and kinds of insurance coverage to be carried by Contractor shall be as follows:
  - a. Worker's Compensation Insurance, with any necessary endorsement to include Longshoreman's and Harbor Workers' coverage and Admiralty coverage, shall be in accordance with the laws of the State of Rhode Island and applicable Federal statutes and shall be sufficient to secure the benefits of the Rhode Island Workmen's Compensation Law and the Federal Longshoreman's and Harbor Workers' Compensation Act and Admiralty Law for all employees of Contractor, and of all subcontractors unless the subcontractors carry their own workers' compensation insurance. The Federal Longshoreman's and Harbor Workers' coverage and Admiralty coverage shall include an endorsement to cover Employer's Liability in the limits of \$1,000,000.
  - b. Contractor's Commercial or Comprehensive General Liability Insurance, covering liability for loss resulting from injury to persons or damage to property arising out of or caused by the operations, acts, or omissions of Contractor or those of its agents or employees in prosecuting the work, with specific coverage, by endorsement or otherwise, as applicable for other special risks, contractual liability for any liability assumed by Contractor under the Contract, Contractor's Protective Liability covering operations, acts, or omissions of subcontractors in prosecuting the work, and Completed Operations coverage, with liability limits as follows:
    - 1) Bodily Injury: One person in any one occurrence - \$5,000,000.
    - 2) Property Damage: Each occurrence - \$2,000,000.  
Aggregate - \$5,000,000.



c. Automobile and Truck Insurance, covering vehicles owned and/or operated by Contractor, and vehicles operated for Contractor, including those of employees when so operated.

1) Bodily Injury: One person in any one occurrence - \$5,000,000.  
Two or more persons in any one occurrence - \$10,000,000.

2) Property Damage: Each occurrence - \$2,000,000.

The insurance requirements of Paragraphs (b) and (c) of this Subsection may be satisfied by a combination primary and excess umbrella liability insurance, provided the total required coverage limits are in effect.

d. Subcontractor's Insurance. If any part of the work is sublet, insurance shall be provided by or on behalf of the subcontractor(s) to cover that part of the work each has contracted to perform and shall be maintained during the life of each subcontract for Worker's Compensation with any necessary endorsements, Public Liability and Property Damage including coverage, as applicable, for marine risks, and other special risks, and Automobile and Truck Insurance. The minimum amounts of coverage for the above types of insurance shall be the same as are specified in Paragraphs (a), (b), and (c) above, except that if the Authority is of the opinion that said minimum amounts of coverage appear excessive because of the extent and nature of the work to be performed by the subcontractor, insurance coverage of lesser amounts may be approved by the Authority.

e. Owner's Protective Liability and Property Damage Insurance. A separate, original policy designating the Authority, its members and their successors, its Consultant, AECOM, and their and each of their officers, agents, and employees as the named insured, both officially and personally, and covering their contingent liability with respect to all operations performed by Contractor or by its subcontractors under the Contract.

The minimum amounts of coverage to be carried shall be as specified in Paragraph (b) above.

f. General: Contractor shall indemnify and save harmless the Authority, its officers, agents and servants and the Consultant, the firm of AECOM, and each and every one of them against and from all suits and cost of every kind and description and from all damages to which the Authority or any of its officers, agents, or servants and Consultant may be subjected by reason of injury to the person or property of others resulting from the performance of the project, or through the negligence of Contractor, or through any improper or defective machinery, implements or appliances used by Contractor in the performance of the project, or through any act or omission on the part of Contractor, or an act or omission on the part of Contractor, or its agents, employees or servants; and the Contractor shall further indemnify and save harmless the Authority, its officers, agents, servants and the Consultant from all suits and actions of any

**CODE 202.9901**  
**LOAD, HAUL, AND DISPOSAL OF OTHER WASTE**

**DESCRIPTION:** The work under this item shall include any special handling, transportation, personnel protection and disposing of controlled/hazardous materials which may exist within material that is to be disposed of classified herein as “other waste” to proper and fully licensed off-site disposal or recycling facilities. Contaminated and hazardous waste shall be managed in accordance with all applicable Federal, State and Local regulations including, but not limited to, EPA, OSHA, and RIDEM Remediation Regulations. The work under this item shall be performed in accordance with all applicable sections of the RIDOT Standard Specifications, including all revisions, and in compliance with all applicable permits.

The work associated with removal of materials classified herein as “other waste” shall be paid for under Item Code 202.9901.

**REGULATORY REQUIREMENTS:** Applicable regulations consist of all regulations cited in their latest version, in addition to any others deemed applicable by the Contractor and are dependent on the nature of contamination present. Additional regulations may be required by Federal, State and Local agencies upon notification of contamination at the project area. This section refers to many requirements found in the references below, but is not intended to cite or reiterate all applicable regulations herein or elsewhere. It shall be the Contractor’s responsibility to be aware of, understand, and conform to all such regulations and common practices only to the extent that they may be applicable to the work and applicable sections of the regulations identified in this section and any other regulations deemed applicable by the Contractor. It shall be the Contractor’s responsibility to identify and determine all relevant and applicable regulations that pertain to this project. In the event of a conflict, the more stringent regulations shall govern. The following documents and/or publications are commonly applied to RIDOT roadway projects and are incorporated into this item by reference herein:

1. Rhode Island Rules and Regulations for the Investigation and Remediation of Hazardous Materials (Remediation Regulations)
2. Rhode Island Rules and Regulations for Hazardous Waste Management
3. Rhode Island Solid Waste Regulations
4. Rhode Island Oil Pollution Control Regulations
5. “Hazardous Waste Operations and Emergency Response”, Federal Occupational Safety and Health Act (OSHA), 29 CFR 1910.120
6. “General Regulations for Hazardous Waste Management”, EPA, 40 CFR 260
7. “Regulations for Identifying Hazardous Waste, Hazardous Waste Generators and Hazardous Waste Transporters”, EPA, 40 CFR 261, 262 and 263
8. U.S. Department of Transportation (U.S. DOT) Title 49 Code of Federal Regulations (CFR)
9. Safety and Health Regulations Promulgated by the U.S. Department of Labor OSHA, 29 CFR 1910 – Occupational Safety and Health Standards
10. Safety and Health Regulations Promulgated by the U.S. Department of Labor OSHA, 29 CFR 1926 – Safety and Health Regulations for Construction

11. U.S. EPA Standard Operating Safety Guidelines – Office of Emergency and Remedial Response, Emergency Response Division
12. U.S. EPA Medical Monitoring Program Guidelines

**OTHER WASTE:** The potential “other waste” to be disposed of is defined as follows:

- Suspect oil used as corrosion inhibitor of the main cable wires, unless otherwise tested by the Contractor.
- Suspect lead coating within the cable wrap pr as wire corrosion protection, unless otherwise tested by the Contractor.

**MATERIALS:** All materials to be used shall be in accordance with the appropriate sections of the Rhode Island Standard Specifications. The Contractor shall supply and utilize all required materials to adequately remove, contain, haul and dispose of contaminated “other waste” generated from the work as defined in this item code. Personal protective equipment shall be as specified in the Contractor’s project specific Health and Safety Plan.

**CONSTRUCTION METHODS:** The Contractor is responsible for adhering to RIDEM, Federal, State and Local regulations pertaining to the proper containment, handling, removal, transportation, and disposal of known or suspected “other waste” generated from the work. This item code is intended to encompass requirements based on the “other waste” anticipated to be generated from the work. However, the Contractor is responsible for adhering to any additional regulations required based on the nature of “other waste” encountered and generated from the work.

**HEALTH AND SAFETY:** Per Section 826 of the Rhode Island Standard Specifications.

**CONFORMANCE:** The Contractor shall be subject to on-site inspection by the Engineer or other regulatory officials while performing work under this item code. The Engineer may issue a stop work order to be in effect immediately if the work is found to be in violation of a Federal, State, Local or any other regulation until the violation is resolved. Standby time and all expenses required to resolve the violation shall be at no additional cost to the State. Disposal of waste or other material that becomes contaminated as a result of improper handling or use of unauthorized procedures by the Contractor shall be at no additional cost to the State.

**CONTAMINATED WASTE TRANSPORTATION AND DISPOSAL:** The Contractor shall be responsible for obtaining all necessary permits, shipping papers, bills of lading, manifests, and acceptance approvals in conjunction with contaminated hazardous materials, waste, solid waste removal, hauling, transportation and disposal. The Contractor shall provide timely notification of such actions in accordance with applicable Federal, State, and Local authorities. All contaminated waste shall be transported to an off-site recycling or disposal facility in accordance with applicable Federal, State, and Local regulations governing transportation, recycling, and disposal.

**METHOD OF MEASUREMENT:** ITEM CODE 202.9901 "LOAD, HAUL, AND DISPOSAL OF OTHER WASTE" shall be measured for payment by the actual cost of handled, transported, and disposed waste in accordance with the Contract Documents and/or as directed by the Engineer. The total number of EACH unit shall be equal to the actual cost of the work

performed under this item (i.e. one unit EACH is equal to one dollar of “LOAD, HAUL, AND DISPOSAL OF OTHER WASTE”).

**BASIS OF PAYMENT:** The accepted quantity of **ITEM CODE 203.9901 "LOAD, HAUL, AND DISPOSAL OF OTHER WASTE"** estimated dollar figure is established at 5,000 units at \$1.00/Each and is inserted in the proposal as an authorized amount from which payments shall be drawn up to the established dollar figure. Payments above the established dollar figure shall be drawn on a force account basis in accordance with Subsection 109.04 of the Standard Specifications. The price so-stated constitutes full and complete compensation for all labor, personnel protection, materials, tools and equipment, loading, hauling, disposal, and all other incidentals required to complete the work as described in this item code and as required by Federal, State, and Local requirements upon notification/reporting of the presence of contaminated waste at the project area and elsewhere as reference in the Contract Documents, complete in place and accepted by the Engineer.

**CODE 800.9900**  
**BLOW TEST**

**DESCRIPTION:** The work of this Section consists of temporarily relocating messenger cable and necklace lighting cable, removing the wrapping wire from the main cable as directed, performing any necessary repairs to main cable wires if damaged during the removal of wrapping wire, furnishing, fabricating, and installing miscellaneous metal elements (injection and exhaust sleeves), furnishing and operating a blower/fan and flow sensors, furnishing and installing zinc wedges, caulking, plastic wrap, air hoses and neoprene pads as shown on the Contract Drawings and as required to complete the blow test, and re-installing messenger cable and necklace lighting cable to original position.

**MATERIALS:** Materials to be furnished and installed under this Section include:

1. Stainless-steel plates, Stainless-steel threaded sleeves
2. Stainless-steel bolts, screws, and other miscellaneous connectors
3. Zinc Wedges
4. Neoprene pads 60 durometer
5. Temporary Blower/Fan
6. Pressure Gauge
7. Flow Sensors
8. Temporary Stainless Steel Security Cabinet
9. Temporary Gasoline Powered Generator
10. Temporary air hoses
11. Caulking
12. Plastic Wrap
13. Anti-Slip Tape

**SUBMITTALS:**

1. Shop Drawings: Shop fabrication drawings shall be submitted for the stainless-steel injection and exhaust sleeve plates. The drawings shall include dimensional plans and elevations, details of sections, connections, and anchorages.
2. Assembly and installation drawings shall be submitted indicating the Contractor's proposed sequence and method of installation for assemblies.
3. Certifications of welders and welding processes to be used in the fabrication process shall be submitted in accordance with AWS D1.1.
4. Manufacturer's certification of materials.
5. Manufacturer's Data: Manufacturer's catalog data shall be submitted, including specifications, load tables, details, and screws to be used.
6. Contractor shall demonstrate prior experience working on main cables including the removal of wrapping wire, repair of main cable wires, and re-wrapping of the main cable.
7. Sensor product data and calibration certifications.

## **RELATED SECTIONS:**

1. Section 937 – Furnish, Install, Maintain, and Move Temporary Traffic Protection
2. Section 105 – Control of Work
3. Section 106– Control of Material
4. Section 202.9901 – Load, Haul, and Disposal of Other Waste

## **REFERENCES:**

1. The work of this Section shall comply with the applicable provisions and recommendations of the following:
  - a. American Welding Society (AWS) D1.1
  - b. American Society of Testing and Materials (ASTM) ASTM A193, Type 316; A194, Type 316; A240, Type 316L; A 276, Type 316; B418, Type 1.

**PRODUCTS:** Whenever practicable, items shall be standard products meeting the requirements specified herein, of a manufacturer regularly engaged in production of such items. Assemblies, shapes and plates shall be true to details, clean and straight. Curve work shall be true to radii with smooth-finished surfaces.

1. Materials
  - a. All plates shall be stainless steel, ASTM A2240, Type 316L unless otherwise noted on the Contract Drawings.
  - b. Bolts shall be stainless-steel, ASTM A193, Type 316.
  - c. Nuts for bolts shall be stainless-steel, ASTM A194, Type 316.
  - d. Washers for bolts shall be stainless-steel, ASTM A193, Type 316.
  - e. Zinc wedges for injection and exhaust sleeves shall be galvanized zinc anode wedges, ASTM-B-418, Type 1.
  - f. Caulking for sealing the injection and exhaust sleeves shall be SoudaSeal FC manufactured by IPA Systems, Inc. or approved equal.
  - g. Caulking for sealing the cable bands shall be Sikaflex 11FC manufactured by Sika Corporation or approved equal.
  - h. Neoprene pads of 60 Durometer.
  - i. The 4-inch diameter blower hose shall be Hosecraft VB1 air hose or approved equal.
  - j. Plastic Wrap shall be 80-gauge linear low-density polyethylene (LLDPE) by US Packaging and Wrapping LLC or approved equal.
  - k. Anti-Slip Tape shall be McMaster and Carr High Visibility Anti-Slip Tape or approved equal.

## **EQUIPMENT:**

1. Blower shall be an Atlantic Blower ABMS 400 Centrifugal Blower equipped with a variable speed control or approved equal.
2. Flow sensors shall be Testo 405i Anemometer or approved equal. Contractor to provide a device to remotely monitor and record the flow data via Bluetooth.

**CONSTRUCTION METHODS:** The Contractor shall coordinate and provide assembly and setting drawings, templates, instructions, and directions for fabrication and installation of assemblies, including details for locating and affixing connectors and attachments. The Contractor shall exercise extreme caution when cutting or puncturing existing caulking in cable band. A fixed blade knife shall be used, folding knives are not acceptable.

#### 1. INSTALLATION OF THE INJECTION SLEEVES, BLOWER, AND HOSES

- a. Stainless-steel Injection sleeves shall be fabricated and installed on the main cables as shown on the contract drawings. Injection sleeves shall not be installed until the wire wrapping has been removed to the limits shown on the contract drawings, any red lead paste has been cleaned off the cable, and the zinc wedges have been installed. Removal of red lead from cable wires shall be performed using hand tools such as a soft wire brush (i.e. brass or bronze; steel prohibited). No power tools or mechanical methods shall be used to remove red lead paste from the exposed wires. Any damage to the main cable wires shall be repaired as directed by the Engineer. The cable unwrapping and wedging procedure is described on the Contract Drawings. Contractor shall access to the main cable to perform the removal of the wire wrapping and installation of the sleeve. Contractor shall provide all necessary MPT, refer to Section 937.
- b. Strap air hoses to the suspender ropes as shown on the Contract Drawings making sure the hoses reach from the injection port on the injection sleeve to the blower below.
- c. Assemble all components to the blower, flow sensor, and injection sleeve.

#### 2. INSTALLATION OF EXHAUST SLEEVES

- a. Stainless-steel exhaust sleeves shall be fabricated and installed on the main cables as shown on the contract drawings. Note not all blow test locations will contain exhaust sleeves, please refer to the Contract Drawings. Exhaust sleeves shall not be installed until the wire wrapping has been removed to the limits shown on the contract drawings, any red lead paste has been cleaned off the cable, and the zinc wedges have been installed. Removal of red lead from cable wires shall be performed using hand tools such as a soft wire brush (i.e. brass or bronze; steel prohibited). No power tools or mechanical methods shall be used to remove red lead paste from the exposed wires. Any damage to the main cable wires shall be repaired as directed by the Engineer. The cable unwrapping and wedging procedure is described on the Contract Drawings. Contractor shall provide access to the main cable to perform the removal of the wire wrapping and installation of the sleeve. Contractor shall provide all necessary MPT, refer to Section 937.
- b. Assemble all components to the exhaust sleeve and flow sensor.

#### 3. WRAPPING CABLE PANEL WITH PLASTIC WRAP

- a. Prior to performing the blow test, the contractor shall wrap the first three adjacent panels on each side of the injection sleeves with plastic wrap (6 panels total per injection sleeve). Plastic Wrap shall be applied in two plies of the wrapping material around the cable circumference and secured with duct tape.

- b. After the blow test has commenced, should the leaking in the cable still be significant enough to prevent a successful blow test, the Contractor shall apply plastic wrap to additional cable panels as directed by the Engineer.
  - c. Once the blow test has been completed, the Contractor shall remove the plastic wrap from any cable panel where it had been installed to facilitate the blow test.
  - d. The contractor shall provide all necessary MPT and access to the main cable to install and remove the plastic wrap, refer to Section 937.
4. SEALING CABLE BANDS
- a. Prior to performing the blow test, the contractor shall caulk the bottom groove of the first three adjacent cable bands on each side of the injection sleeves (6 cable bands total per injection sleeve).
  - b. After the blow test has commenced, should the leaking in the cable still be significant enough to prevent a successful blow test, the Contractor shall caulk additional cable bands as directed by the Engineer.
  - c. Once the blow test has been completed, the Contractor shall remove the caulk from the bottom groove of the cable bands where it had been installed to facilitate the blow test.
  - d. The contractor shall provide all necessary MPT and access to the main cable to install and remove cable band caulking, refer to Section 937.
5. PERFORM BLOW TEST
- a. Blow Test shall be performed as indicated in the procedure shown on the Contract Drawings. Contractor shall provide all equipment and labor necessary to access the main cable during the blow test. Contractor shall provide all necessary MPT, refer to Section 937.
  - b. If necessary and as directed by the engineer, the contractor shall repair any minor defects in cable band caulking which can be repaired from the top of the main cable and do not require special access.
  - c. Contractor shall assume Blow Test will take 2 days per location.

**METHOD OF MEASUREMENT:** will be measured as follows:

- 1. Item Code 800.9901 “Installation of the Injection Sleeves, Blowers, and Hoses”
  - a. The installation of the injection sleeves, blower and hoses shall be measured as Each location.
- 2. Item Code 800.9902 “Installation of the Exhaust Sleeves”
  - a. The installation of the exhaust sleeves shall be measured as Each location.
- 3. Item Code 800.9903 “Wrapping Cable Panel with Plastic Wrap”
  - a. The wrapping of the cable panels with plastic wrap shall be measured as Each cable panel.
- 4. Item Code 800.9904 “Sealing Cable Bands”



- a. The sealing of cable bands shall be measured as Each cable band.
- 5. Item Code 800.9905 “Blow Test – Crew Day”
  - a. The Blow Test – Crew Day shall be measured per Day.

**BASIS OF PAYMENT:** The accepted quantity for **ITEM CODES 800.9901, 800.9902, 800.9903, 800.9904, and 800.9905** as described within this specification, will be paid for as follows:

1. The payment for Item Code 800.9901 “Installation of the Injection Sleeves, Blowers, and Hoses”, shall include access to the main cable, furnishing and installing the Blower Assembly (the blower, the weather proof cabinet, flexible air hoses, generator, pressure gauge, and hose straps), flow sensor, temporarily relocating messenger cable and necklace lighting cable, removal of wrapping wire, fabrication and installation of the stainless-steel injection sleeves, zinc wedges, neoprene pads, anti-slip tape, caulking at the injection sleeves, all labor, transportation and equipment to install the injection sleeves and Blower Assembly. The work shall also include capping off the injection ports on the injection sleeves when hoses are removed, and blow test is completed at that location and re-installing messenger cable and necklace lighting cable to original position. All equipment, labor and materials shall be included for payment under this item.

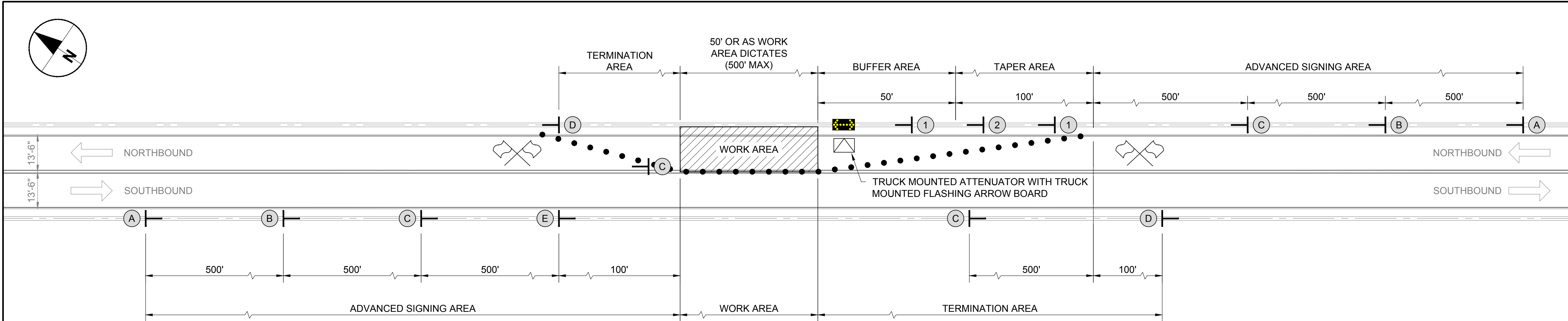
The Blower Assembly shall be relocated to serve each of the injection sleeve locations as indicated on the Contract Drawings. The flexible air hoses and straps shall be replaced as required for each location. The Injection sleeves shall remain in place.

2. The payment for Item Code 800.9902 “Installation of the Exhaust Sleeves”, shall include access to the main cable, temporarily relocating messenger cable and necklace lighting cable, removal of wrapping wire, fabrication and installation of the stainless-steel exhaust sleeves, zinc wedges, neoprene pads, anti-slip tape, caulking at the exhaust sleeves, furnishing, and installing flow sensors, all labor, transportation, and equipment to install the exhaust sleeves. The work shall also include capping off the exhaust ports on the exhaust sleeves when the blow test is completed at that location and re-installing messenger cable and necklace lighting cable to original position. All equipment, labor and materials shall be included for payment under this item. The exhaust sleeves shall remain in place.
3. The payment for Item Code 800.9903 “Wrapping Cable Panel with Plastic Wrap”, shall include access to the main cable, furnishing and installing the plastic wrap as well as removing the plastic wrap when testing is complete. The work shall also include all labor, transportation, materials, and equipment necessary to access the main cable to install and remove the plastic wrap. Contractor shall assume six panels per injection sleeve.
4. The payment for Item Code 800.9904 “Sealing Cable Bands”, shall include access to the main cable, furnishing and installing the backer rods and sealant as well as removing the backer rods and sealant from the underside of the cable band when testing is complete. The work shall also include all labor, transportation, materials, and equipment necessary to access the main cable to install and remove sealant. Contractor shall assume six cable bands per injection sleeve.
5. The payment for Item Code 800.9905 “Blow Test – Crew Day”, shall include furnishing all labor, materials, and equipment to assist the Engineer during the performance of the blow tests.

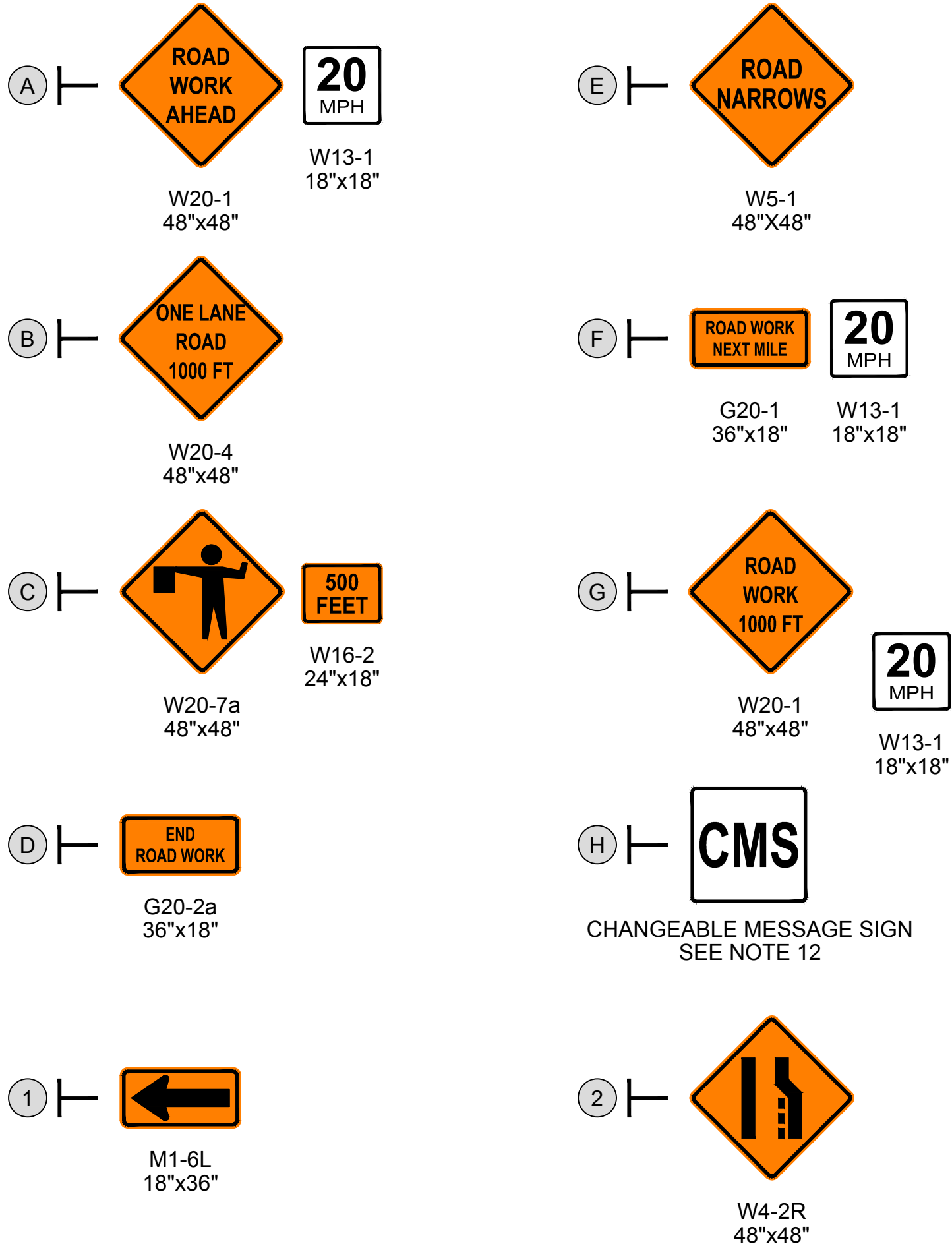
This shall include access to the Main Cable, operation of the blower assembly, operation of the flow sensors (including providing a device to remotely monitor and record the flow data via Bluetooth), repairs to any minor defects in cable band caulking which can be repaired from the top of the main cable and do not require special access and cutting/puncturing existing caulking as directed by the Engineer. This work shall also include repairing caulking which has been cut or punctured during the testing.

<u>Item Number</u>	<u>Description</u>	<u>Unit</u>
800.9901	Installation of Injection Sleeves, Blower and Hoses	EA
800.9902	Installation of Exhaust Sleeves	EA
800.9903	Wrapping Cable Panel with Plastic Wrap	EA
800.9904	Sealing Cable Bands	EA
800.9905	Blow Test – Crew Day	DAY

ANSI D 864mm x 559mm (34" X 22")  
Approved: BRC  
Checked: MJB  
Designer: JDP  
Project Management Initials:  
Last saved by: SHOESMITHMP(2023.08.28)  
Filename: C:\USERS\SHOESMITHMP\AECOM\MT HOPE BR CABLE DEHUMID - GENERAL\000\_CAD\_GIS\910\_CAD\20-SHEETS\60703826-SHT-BT-S009.DWG  
Last Plot: 2023.08.30

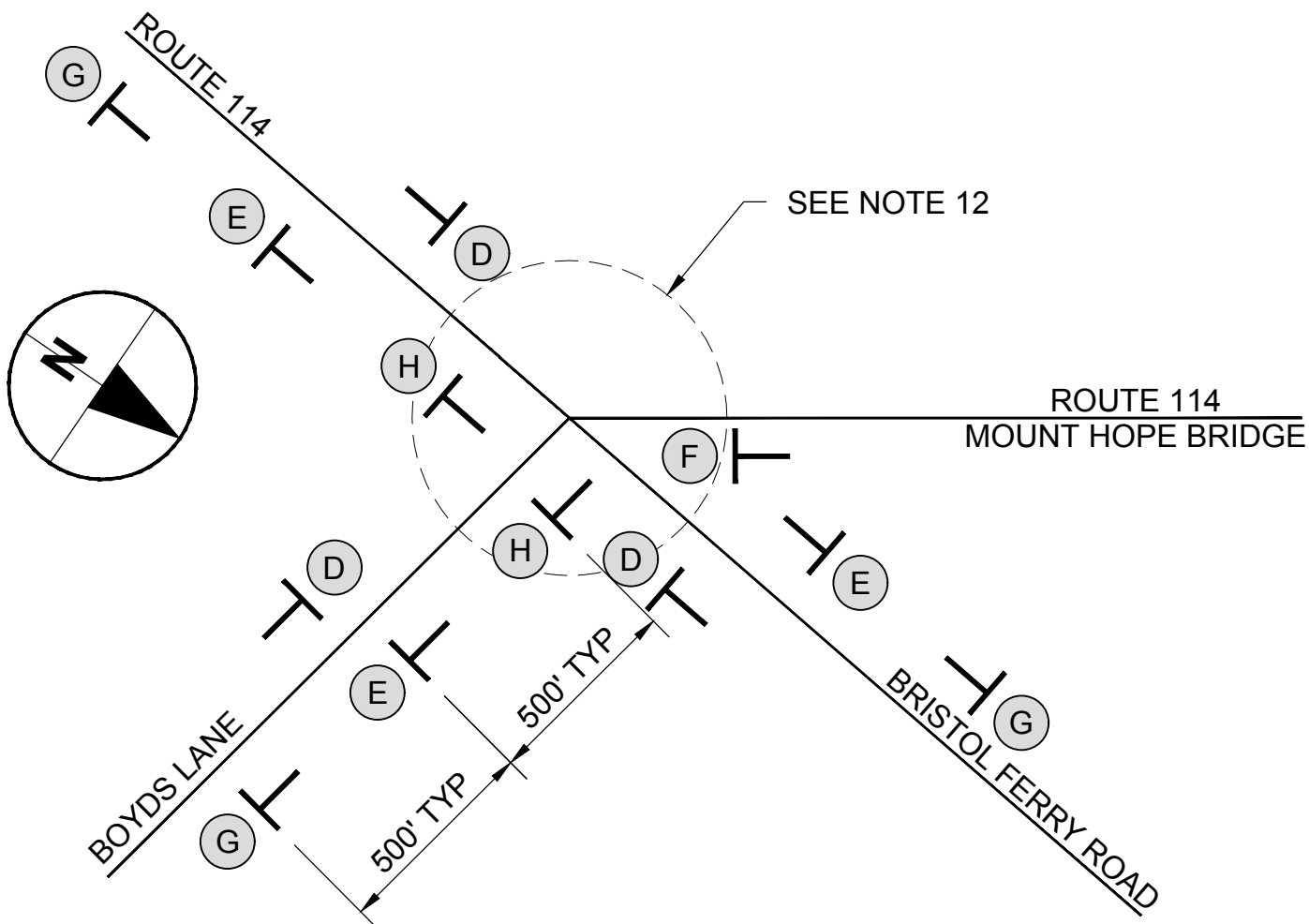


## LEGEND

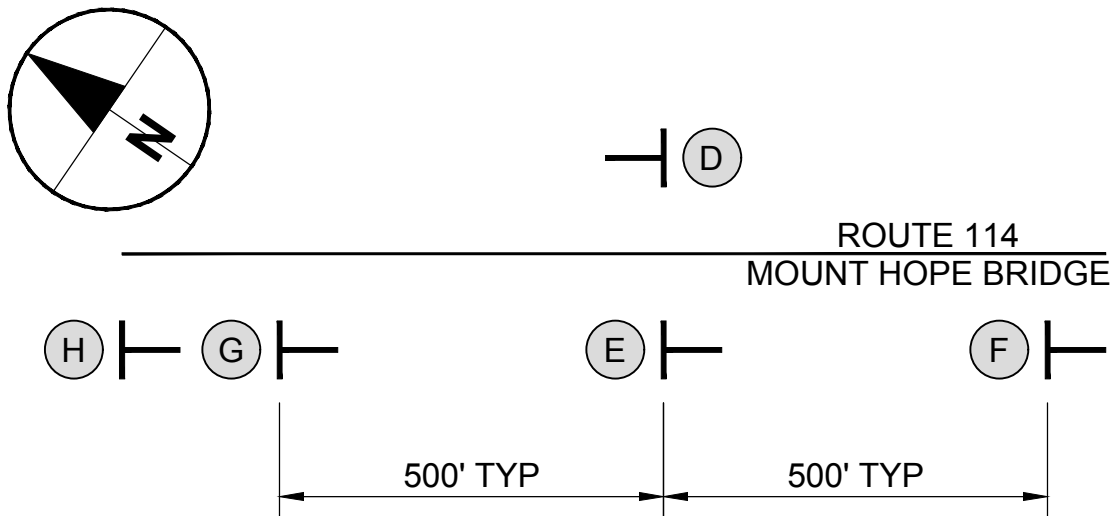


## LANE CLOSURE PLAN

Scale NTS (WORK IN NORTHBOUND LANE SHOWN. SOUTHBOUND LANE SIMILAR)



## SIGNING SOUTH OF THE BRIDGE



## SIGNING NORTH OF THE BRIDGE

## NOTES

- FOR MAINTENANCE AND PROTECTION OF TRAFFIC NOTES, SEE SHEET S-003. FOR ABBREVIATIONS, SEE SHEET S-002.
- WORK AREA CHANGES POSITION ALONG BRIDGE AS WORK ZONE MOVES FORWARD.
- LANE CLOSURE OPERATIONS INCLUDING SETUP, SHALL BEGIN NO EARLIER THAN 9:00 AM.
- LANES SHALL BE RESTORED TO TWO LANE OPERATION BY 3:00 PM MONDAY THROUGH THURSDAY AND BY 1:00 PM ON FRIDAYS, UNLESS AUTHORIZED BY THE RESIDENT OR ENGINEER ON A CASE-BY-CASE BASIS.
- CONES, SIGNS, TRUCK MOUNTED ATTENUATORS, ETC. SHALL BE REMOVED FROM THE BRIDGE BY 3:00 PM MONDAY THROUGH THURSDAY AND BY 1:00 PM ON FRIDAYS.
- SIGNING NORTH AND SOUTH OF THE BRIDGE SHALL REMAIN FOR THE DURATION OF THE WORK ON OR ADJACENT TO ROUTE 114.
- FOR ADDITIONAL TRAFFIC CONTROL MEASURES SEE SUPPLEMENTARY SPECIFICATIONS.
- ROAD WORK IS LIMITED TO ONE WORK AREA AT ANY TIME.
- ROADWAYS BELOW THE BRIDGE SHALL REMAIN OPEN AT ALL TIMES, LANE CLOSURES OF THESE ROADWAYS WILL NOT BE PERMITTED.
- SEE SUPPLEMENTARY SPECIFICATIONS FOR ADDITIONAL LANE CLOSURE LIMITATIONS INCLUDING LIMITATIONS BEFORE AND AFTER HOLIDAYS.
- LANE SHIFT TO FACILITATE WORK NEAR THE MAINTENANCE WALK WILL BE PERMITTED AND LIMITED TO ONE WORK AREA AT ANY TIME.
- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT EACH APPROACH FOR A PERIOD OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION. AT THE SOUTH APPROACH, THE SIGN SHALL FACE ROUTE 114 FOR THE FIRST WEEK AND SHALL FACE BOYDS LANE FOR THE SECOND WEEK.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC PLAN PRIOR TO BEGINNING THEIR MOBILIZATION. SEE SPECIFICATION 943 OF THE SUPPLEMENTARY SPECIFICATIONS.
- THE CONTRACTOR SHALL SUPPLY ALL FLAGPERSONS, THE SUPERINTENDENT, AND THE RESIDENT ENGINEER WITH TWO-WAY RADIOS.
- WORKDAYS DEEMED AS MON-FRI. SPECIAL PERMISSION FROM RITBA WILL BE REQUIRED FOR WEEKEND WORK.
- DEBRIS, MATERIALS, TOOLS, ETC., SHALL NOT BE LEFT ON ANY ROADWAY SURFACE WHEN LEAVING THE WORKING AREA. IN ADDITION, NO DEBRIS, ETC. SHALL INTERFERE WITH ADJACENT OPEN TRAFFIC LANES.
- PORTABLE SIGN SUPPORTS SHALL BE WIND RESISTANT. SIGN SUPPORTS WITHIN THE LIMITS OF THE BRIDGE DECK SHALL BE MOUNTED ON THE BRIDGE SUPERSTRUCTURE STEEL WITH MEDIAN BARRIER BRACKETS. THE BRIDGE STEEL AND PAINT SHALL BE PROTECTED FROM DAMAGE.
- WHEN THE CONTRACTOR'S OPERATIONS EFFECT TRAFFIC IN SPANS 1 THROUGH 7 OR THE INTERSECTION OF BOYDS LN AND BRISTOL FERRY RD., THE CONTRACTOR SHALL HAVE THE FLAGGERS NECESSARY TO CONTROL TRAFFIC THROUGH THE WORK ZONE.
- THE CONTRACTOR SHALL HAVE THE NECESSARY FLAGGERS IN PLACE DURING LANE CLOSURES FROM THE SOUTH ABUTMENT TO PIER 7. THE FLAGGERS ARE NECESSARY TO CONTROL THE TRAFFIC AT THE INTERSECTION AND ARE RESPONSIBLE FOR KEEPING THE TRAFFIC MOVING THROUGH THE ZONE.
- THE CONTRACTOR SHALL MONITOR THE TRAFFIC ALONG BOYDS LANE. THE CONTRACTOR SHALL SUBMIT A PROPOSED MONITORING METHOD (FOR EXAMPLE, A ROVING PATROL, VIDEO SURVEILLANCE OR OTHER METHOD) FOR REVIEW AND ACCEPTANCE. WHENEVER TRAFFIC BACKS-UP TO ROUTE THE CONTRACTOR SHALL SAFELY REMOVE THE LANE CLOSURE FROM THE BRIDGE TO ALLOW BOTH LANES ON THE BRIDGE TO BE USED. NOTWITHSTANDING THIS CRITERIA, THE CONTRACTOR SHALL REMOVE THIS LANE CLOSURE FROM THE BRIDGE WHENEVER DIRECTED BY THE AUTHORITY OR THEIR REPRESENTATIVE.
- CONTRACTOR TO PROVIDE TEMPORARY BARRIER AT LOW LEVEL WORK LOCATIONS WHERE TEMPORARY ACCESS IS WITHIN THE 16'-6" VERTICAL CLEARANCE ENVELOPE, REFER TO SHEET S-006. PROVIDE LEADING EDGE TRANSITION. BARRIER SHALL BE SUBMITTED FOR APPROVAL. CONCRETE BARRIER SHALL NOT BE PERMITTED.

## CLIENT



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## PROJECT

MOUNT HOPE BRIDGE  
MAIN CABLE TRIAL  
BLOW TEST  
CONTRACT NO. 21-09A

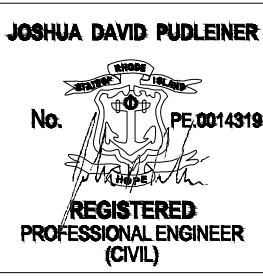
## CONSULTANT



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## NOTES

## REGISTRATION



JOSHUA D. PUDLEINER, P.E.  
AECOM USA, INC  
Date 8/30/2023

## ISSUE/REVISION

C1	08/30/2023	FOR CONSTRUCTION
I/R	DATE	DESCRIPTION

## PROJECT NUMBER

60703826

## SHEET TITLE

MAINTENANCE AND  
PROTECTION OF TRAFFIC

## SHEET NUMBER

S-009

Addendum No. 2

R-1