

May 15, 2018

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION  
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7592742

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2017-CB-085

FEDERAL-AID PROJECT NO. FAP Nos: 405-421-865

**Immediate Needs Steel Repairs Contract - 1**

Statewide

CITY/TOWN OF Burrillville, Cranston, Smithfield, Pawtucket, Warwick

COUNTY OF PROVIDENCE, 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. Specification Change/Addition**

1. JS-6 thru JS-15

Delete Pages JS-6 thru JS-15 in their entirety and replace them with revised Pages JS-6(R-1) thru JS-15(R-1) attached to this Addendum No. 1. Special Provision Code 109.06, Payment for Work has been revised.

2. JS-22

Delete Page JS-22 in its entirety and replace it with revised Page JS-22 (R-1) attached to this Addendum No. 1. Special Provision Code 938.1000, Price Adjustments have been updated.

**B. Distribution of Quantities**

1. Index Page

Delete Index Page 1 in its entirety and replace it with revised Page 1 (R-1) attached to this Addendum No. 1. Item with change is indicated in bold type.

2. Page 1

Delete Page 1 in its entirety and replace with revised Page 1(R-1) and new Page 1a attached to this Addendum No. 1. Quantity for item 824.9901 has been revised.

**C. Drawings/Plans - Change/Addition**

1. Sheet No. 6 – Bridge General Notes  
Revise Sheet No. 6 as shown on Sketch No. 1(R-1) attached to this Addendum No. 1. Structural Steel Notes 21 thru 25 have been added.
2. Sheet No. 7 – Bridge No. 552-General Plan and Sections  
Revise Sheet No. 7 as shown on Sketch No. 2(R-1) attached to this Addendum No. 1. Sheet title has been revised.
3. Sheet No. 8 – Bridge No. 552-Existing Framing Plans and Longitudinal Section  
Revise Sheet No. 8 as shown on Sketch No. 3(R-1) attached to this Addendum No. 1. Sheet title has been revised.
4. Sheet No. 10 – Bridge No. 627-Existing Framing Plan  
Revise Sheet No. 10 as shown on Sketch No. 4(R-1) attached to this Addendum No. 1. Sheet title has been revised.
5. Sheet No. 10 - Bridge No. 627-Existing Framing Plan  
Revise Sheet No. 10 as shown on Sketch No. 5(R-1) attached to this Addendum No. 1. Repair Type 2 Detail has been revised.
6. Sheet No. 10 - Bridge No. 672-Existing Framing Plan  
Revise Sheet No. 10 as shown on Sketch No. 6(R-1) attached to this Addendum No. 1. Repair Type 3 Detail has been revised.
7. Sheet No. 10 – Bridge No. 672-Existing Framing Plan  
Revise Sheet No. 10 as shown on Sketch No. 7(R-1) attached to this Addendum No. 1. Section A has been revised.
8. Sheet No. 11 – Bridge No. 635-General Plan and Section  
Revise Sheet No. 11 as shown on Sketch No. 8(R-1) attached to this Addendum No. 1. Sheet title has been revised.
9. Sheet No. 12 – Bridge No. 635-Framing Plan and Sections  
Revise Sheet No. 12 as shown on Sketch No. 9(R-1) attached to this Addendum No. 1. Sheet title has been revised.
10. Sheet No. 14 – Bridge No. 672-Framing Plan and Section  
Revise Sheet No. 14 as shown on Sketch No. 10(R-1) attached to this Addendum No. 1. Sheet title has been revised.
11. Sheet No. 14 – Bridge No. 672- Framing Plan and Section  
Revise Sheet No. 14 as shown on Sketch No. 11(R-1) attached to this Addendum No. 1. Repair Type 2 Detail has been revised.
12. Sheet No. 14-Bridge No. 672-Framing Plan and Section  
Revise Sheet No. 14 as shown on Sketch No. 12(R-1) attached to this Addendum No. 1. Repair Type 3 Detail has been revised.

13. Sheet No. 14 - Bridge No. 672- Framing Plan and Section

Revise Sheet No. 14 as shown on Sketch No. 13(R-1) attached to this Addendum No. 1. Repair Type 4 Detail has been revised.

14. Sheet No. 16 – Bridge No. 797- Framing Plan and Details

Revise Sheet No. 16 as shown on Sketch No. 14(R-1) attached to this Addendum No. 1. Proposed Plan Detail has been revised.

15. Sheet No. 18 – Bridge No. 798- Framing Plan and Details

Revise Sheet No. 18 as shown on Sketch No. 15(R-1) attached to this Addendum No. 1. Plan Detail has been revised.

**D. Clarification**

1. DBE/MBE

As this project is 100% state funded, it has been assigned a 5% MBE Goal instead of a 5% DBE Goal.



RI Department of Transportation

Administrator, Division of Project Management

Remove **Subsection 109.06, Partial Payments**, pages 1-83 and 1-84 of the RI Standard Specifications for Road and Bridge Construction in its entirety and replace it with the following.

## **JOB SPECIFIC**

### **PAYMENT FOR WORK**

#### **109.06 PAYMENT FOR WORK.**

**a. General.** The Department will make payment for Work before the Project is accepted and final payment is made. These payments for Work will be processed via progress payments. To receive a payment for Work, the Contractor shall prepare an invoice in accordance with **Subsection 109.06(c)**. The Department may suspend progress payments if the Contractor does not comply with the Engineer's directions or written directives. The Department will notify the Contractor whenever progress payments will be suspended. Processing of progress payments for work prior to the Department's acceptance and final payment of the Work does not constitute the Department's acceptance of the Work, and does not relieve the Contractor of responsibility for the Work, which includes but is not limited to:

1. Protecting, repairing, correcting, maintaining, or renewing the Work where necessary to meet Contract requirements before acceptance.

2. Replacing or repairing all defective Work or materials used in the construction of the Work, and repairing all damage to other work or materials whose damage is attributable to such defective Work or materials.

3. All defects or damage that the Engineer may discover on or before the Engineer's acceptance and final payment of the Work. The Engineer is the sole judge of these defects or damage.

**b. Frequency.** The Department will make progress payments bi-weekly (every two weeks) in accordance with established Department procedures. Progress payments will be subject to a 5 percent retainage. Retainage will be released incrementally in accordance with **Subsection 105.16** and the Department's Release of Retainage Procedures.

**c. Invoice for Payment for Work.** The Contractor shall submit an invoice for payment bi-weekly (every two weeks), and, as requested by the Engineer, a weekly progress report for review detailing the items included in the invoice. The Contractor shall utilize and complete invoice forms supplied by the Department, including a certification for payment, in accordance with the instructions contained thereon.

**d. Invoice for Partial Payment for Materials, Supplies, and Equipment.** The Engineer may allow invoicing as provided above and permit partial payments for those materials, supplies, and equipment delivered to an approved location but not yet incorporated into the Work. Payment for materials, supplies and equipment furnished at an approved site but not yet incorporated into the Work will not exceed the lesser of the following amounts:

Addendum No. 1

1. 100 percent of the cost incurred by the Contractor, or
2. 80 percent of the value calculated by multiplying the quantity of the item delivered by the unit price for the corresponding item in the Bid Schedule.

For verification of costs, the Contractor shall provide the Engineer with an original paid supplier's invoice for the furnished materials, supplies or equipment within thirty (30) days after receiving the partial payment. Otherwise, the amount of the partial payment will be deducted from subsequent invoices.

The Engineer will not approve any payment for perishable plant materials until such plant materials are planted as specified in the Contract.

**e. Engineer's Review of Contractor's Request for Payment for Work and Request for Partial Payment for Materials, Supplies, and Equipment.** Upon receipt of the Contractor's invoice, the Engineer will review the invoice and may approve or reject payment or portions thereof. The Engineer will notify the Contractor in writing of any modifications and/or rejection of the invoice. Modifications and reasons for the change will be made to the Excel spreadsheet in the columns provided. In the case of a rejection, the Engineer will request that the invoice be resubmitted.

**f. Release of Retainage.** Upon partial acceptance of work performed under a completed subcontract, the State, within 30 days, will pay the Contractor the relevant portion of retainage due for all Work covered by the acceptance. Within 30 days of receipt of such payment, the Contractor shall pay all retainage owed the subcontractor for accepted Work.

### Procedures for Section 109.06 - Payment for Work

The Contractor shall prepare an invoice to apply for a payment for work completed. This invoice shall utilize the Request for Payment templates supplied by the Department, including the following attachments:

**A. Detailed Invoice** - The detailed invoice shall be submitted in both hard copy and Excel® and include the following information:

1. The date of the invoice.
2. The Project Name and State and Federal-Aid Project Numbers.
3. The Contract Item number(s) and name(s) for which the Contractor is seeking payment, as they appear in the Contract Proposal.
4. The date(s) each Contract Item was performed.
5. Name of Contractor/Subcontractor(s) that performed the work.
6. The location(s) where the Work associated with each Contract Item was performed, cross referenced to the location(s) shown in the Distribution of Quantities.
7. Invoiced Item Quantities: The quantity of each Contract Item performed by date and by location since the previous invoice.

For Lump Sum Items, the Contractor shall provide the percentage of work completed since the previous invoice. Prior to the start of work, the Contractor shall submit a Lump Sum Item Breakdown for the Engineer's review, acceptance and allocation of payments for the item, in accordance with **Section 109.07** of the Standard Specifications.

All calculations shall conform to the Method of Measurement and Basis of Payment portions of the appropriate Item Code(s). Documentation shall include, but is not limited to, backup calculations, measurements, sketches, and related supporting information.

8. Cumulative Item Quantities: A cumulative total of the quantities performed for each Contract Item, including the current request.
9. Bid Prices: The Contract Price for each Contract Item, including Unit Bid Items and Lump Sum Bid Items as applicable, shall be listed for each item being invoiced.
10. Extended Prices: Calculate the extended price of each item being invoiced in this request.

For Unit Bid Items, this is to be calculated by multiplying each item quantity completed during the invoice period by its Contract Unit Bid Price (i.e., Extended Price \$ = Qty. Invoiced x Unit Bid Price).

For Lump Sum Items, this is to be calculated by multiplying each item by the percentage of work completed during the invoice period by its Lump Sum Bid Price (i.e., Extended Price \$ = % Complete•this-invoice-period x Lump Sum Bid Price).

11. Total Invoice Price: Sum all extended prices calculated in step 10 and report this amount as the total amount being invoiced under the request.
- B. Certificates of Compliance** - A list of the Certificate(s) of Compliance attached or that have been submitted to the Department, including date(s) submitted, for the work that is listed on the invoice in accordance with **Section 106.04, Certification of Compliance**.
  - C. Certified Payrolls** - A list of the certified payrolls attached or that have been submitted to the Department, including date(s) submitted, for the work that is listed on the invoice. List all outstanding payrolls yet to be submitted by week ending date and Contractor\Subcontractor(s).
  - D. Subcontractor Payments** - A list of all payments (including all retainage payments) made to date to subcontractors for amounts previously billed and paid by the State for the related project.
  - E. Extra Work**- A list of potential extra work including date, extra work identified, who performed the extra work, issue description, why is this request considered extra work, value of the extra work.
  - F. EEO Certification** - A statement that all EEO documentation has been submitted as required by the Contract.
  - G. As-Built Data** - A set of as-built data in hard copy or electronic form of the work billed on the invoice, which shall include plans, sketches, diagrams and all other information necessary for resulting in a complete and accurate set of as-built data representing the work completed. A final set of as-built plans is also required in accordance with **Section 934.03.3 (h), Field Control and Construction Layout**.

**General** - Outstanding or missing documentation for Items A through G above will be a basis for rejection and/or modification of the Request for Payment.

**REQUEST FOR PAYMENT**

From: (Contractor Name) (Address) (City, State, Zip) Invoice: (Invoice #) (Enter #)  
 To: DOT.Accountspayable@dot.ri.gov PTSD #  
 RI DEPT OF TRANSPORTATION Invoice date: MM/DD/YYYY  
 TWO CAPITOL HILL Room 230/Accounts Payable Period ending date: MM/DD/YYYY  
 PROVIDENCE, RI 02903

Contract For: [Redacted] Insert Contract Name

**Request for payment:**  
 Original contract amount \$ 346,320.00  
 Approved changes \$ 75,000.00 Revised contract amount \$ 421,320.00  
 Total Requested Todate \$ 26,310.00  
 Approved This period \$ 10,980.00  
 Retainage This period \$ 549.00  
 Approved for Payment This period \$ 10,431.00  
 Total Retainage todate \$ 1,315.50  
 Remaining Contract to bill \$ 395,010.00

Project: (Project Name)  
 Location: (Location(s))  
 NTP: MM/DD/YYYY  
 Contract Completion: MM/DD/YYYY  
 Contract No.: RI 20 \_\_\_\_-\_\_\_\_-\_\_\_\_  
 ATT: Resident Engineer

Current Billing Requirements	Y/N
Detailed Invoice	
Certificates of Compliance	
Payrolls Received	
Subcontractor Payments	
EEO Certification	

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Changes approved in previous months by Owner	\$ 65,200.00	\$ 5,200.00
Total approved this month	\$ 15,000.00	
<b>TOTALS</b>	<b>\$ 80,200.00</b>	<b>\$ 5,200.00</b>
<b>NET CHANGES by Change Order</b>		<b>\$ 75,000.00</b>

I certify that to the best of my knowledge, the Work performed and materials supplied under this invoice have been completed in accordance with the Contract (including all authorized changes). I certify that the payment requested in this invoice represents the actual value of the Work completed under the terms and requirements of the Contract (including all authorized changes). I understand that failure to notify the Resident Engineer/State of a Work performed and included on this invoice will be considered null until adequate investigation/inspection by the State is completed and justified. I also certify that the Contractor (Contractor Name) has paid all subcontractors (by terms of their contracts) the amounts previously billed and paid by the owner. This certification is made in compliance with all federal and state laws and regulations for false statements including, but not limited to, 18 U.S.C. §1020, Fraud and False Statements, and 23 C.F.R. §635.119, False Statements. I am duly authorized to certify on behalf of (Contractor Name).

CONTRACTOR: [Redacted] (Contractor name) State Of RHODE ISLAND County Of PROVIDENCE  
 By: [Redacted] Subscribed and sworn to before me this [Redacted] day of [Redacted]  
 Date: [Redacted] Notary Public My commission expires: [Redacted]











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Attachment E-- Potential Extra Work

Project Name: E.I. Contract No. 1: E.A.P. No. 1:	(Enter Project Name) (Project No./Contract No.)	Date Extra Work Identified	Name	Contractor / Subcontractor	Issue Description	# of order of magnitude supporting Request for Extra Work	Extra Work Value	# DOT Position	Date Issue Resolved	Change Order #	Item #	Amount Paid
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												

**CODE 938.1000**

**PRICE ADJUSTMENTS**

**DESCRIPTION:**

**a. Liquid Asphalt Cement.\*** The Base Price of Liquid Asphalt Cement as required to implement **Subsection 938.03.1** of the Standard Specifications is \$ 485.00 per ton.

\* In the case of modified asphalt binder, this price adjustment provision shall only apply to the neat liquid asphalt component. This provision shall not apply to the modifier component, manufacture, storage, transportation or other associated costs.

**b. Diesel Fuel.** The Base Price of Diesel Fuel as required to implement **Subsection 938.03.2** of the Standard Specifications is \$ 2.2724 per gallon.

The Base Prices listed above were determined by RIDOT as being effective on May 1, 2018.

## Table of Contents - Distribution of Quantities

Project Name - Immediate Needs Steel Repairs Contract - 1  
 Estimate Name - Addendum No. 1  
 R.I. Contract No. - 2017-CB-085  
 FAP Nos: 405-421-865

ItemCode	Description	Page
<b>824.9901</b>	<b>STEEL REPAIRS</b>	<b>1</b>
914.5010	FLAGPERSONS	1
914.5020	FLAGPERSONS - OVERTIME	1
922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	1
923.0105	DRUM BARRICADE STANDARD 26.2.0	3
923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	3
923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	4
924.0113	ADVANCE WARNING ARROW PANEL	4
925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	4
928.9901	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	4
929.0110	FIELD OFFICE	4
936.9901	MOBILIZATION	5
937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	5

### Distribution of Quantities

Project Name - Immediate Needs Steel Repairs Contract - 1  
 Estimate Name - Addendum No. 1  
 R.I. Contract No. - 2017-CB-085  
 FAP Nos: 405-421-865

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
001	824.9901	<b>STEEL REPAIRS</b>	<b>LBS</b>			
		AS DIRECTED BY THE ENGINEER				
		AS DIRECTED BY THE ENGINEER		800.00	0014	01
		BR. 552				
		BR. 552		400.00	0014	01
		BR. 627				
		BR. 627		2,900.00		
		BR. 635				
		BR. 635		400.00		
		BR. 672				
		BR. 672		2,200.00		
		BR. 797				
		BR. 797		1,200.00	0014	01
		BR. 798				
		BR. 798		1,100.00	0014	01
<b>Item 824.9901 Total:</b>				<b>9,000.00</b>		
002	914.5010	<b>FLAGPERSONS</b>	<b>MHRS</b>			
		PROJECT WIDE				
		AS DIRECTED BY THE ENGINEER		100.00		
		BRIDGE NO. 552		80.00		
		BRIDGE NO. 627		240.00		
		BRIDGE NO. 635		40.00		
		BRIDGE NO. 672		40.00		
<b>Item 914.5010 Total:</b>				<b>500.00</b>		
003	914.5020	<b>FLAGPERSONS - OVERTIME</b>	<b>MHRS</b>			
		PROJECT WIDE				
		FROM ITEM 914.5010 (~25%)		125.00		
<b>Item 914.5020 Total:</b>				<b>125.00</b>		
004	922.0100	<b>TEMPORARY CONSTRUCTION SIGNS</b>	<b>SF</b>			
		<b>STANDARD 29.1.0 AND 27.1.1</b>				



**Distribution of Quantities**

Project Name - Immediate Needs Steel Repairs Contract - 1

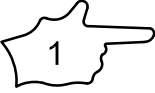




Estimate Name - Addendum No. 1


R.I. Contract No. - 2017-CB-085

FAP Nos: 405-421-865

<b>Item No.</b>	<b>Item Code</b>	<b>Description</b>	<b>UM</b>	<b>Qty.</b>	<b>Pay Code</b>	<b>Seq. No.</b>
004	922.0100	Cont. BRIDGE NO. 552				
		AS DIRECTED BY THE ENGINEER		34.00		

## STRUCTURAL STEEL NOTES

- 
21. THE STEEL ERECTOR/CONTRACTOR FOR THIS PROJECT SHALL BE CERTIFIED FOR "CERTIFIED STEEL ERECTOR (CSE)" IN ACCORDANCE WITH THE AISC QUALITY CERTIFICATION PROGRAM. THE ERECTOR/CONTRACTOR OF THE STRUCTURAL STEEL SHALL BE REQUIRED TO SUBMIT PROOF OF CURRENT CERTIFICATION AS SPECIFIED.
- 
22. ALL WORK RELATED TO STEEL REPAIRS, INCLUDING BUT NOT LIMITED TO FIELD MEASURING, SHOP DRAWINGS, FABRICATION, SURFACE PREPARATION AND PAINTING OF EXISTING AND NEW STEEL, INSTALLATION, DRILLING, BOLTING, WELDING, EPOXY, SEALANT, ETC. SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 824.9901.
- 
23. ANY BOLTS THAT PASS THROUGH AN EXISTING HOLE CAUSED BY THE DETERIORATION OF THE STEEL, OR WHERE EXISTING DETERIORATED STEEL HAS BEEN REMOVED, SHALL BE PROVIDED WITH A PLATE WASHER OF A THICKNESS EQUAL TO THE ORIGINAL THICKNESS OF THE EXISTING MATERIAL. THIS WASHER SHALL BE PLACED WITHIN THE HOLE BETWEEN THE PROPOSED REPAIR PLATES. IF THE HOLE IS SMALLER THAN TWICE THE DIAMETER OF THE BOLT, THE PLATE WASHER MAY BE OMITTED.
- 
24. IMMEDIATELY PRIOR TO INSTALLING STEEL REPAIR PLATES. AN EPOXY PASTE ADHESIVE SHALL THEN BE APPLIED TO THE EXISTING STEEL, SCREED INTO POSITION TO THE APPROXIMATE ORIGINAL SURFACE PROFILE OF THE STEEL. A SLIGHT EXCESS SHALL BE PROVIDED THAT CAN BE SQUEEZED OUT WHEN THE PROPOSED STEEL PLATES ARE INSTALLED. EPOXY SHALL BE REMOVED TO WITHIN 1/2"± OF ALL FIELD WELDS PRIOR TO INSTALLING PLATES. THE PROPOSED PLATES SHALL BE INSTALLED WHILE THE EPOXY IS STILL PLASTIC. ALL BOLTS SHALL BE INSTALLED "SNUG-TIGHT" IN ORDER TO BRING THE STEEL PARTS INTO THE POSITION SHOWN IN THE DETAILS AND TO SQUEEZE OUT THE EXCESS EPOXY; FINAL TIGHTENING OF THE BOLTS SHALL BE DONE AFTER THE EPOXY HAS CURED. EXCESS EPOXY SHALL BE CLEANED AWAY PRIOR TO PAINTING.
- 
25. ALL PERIMETERS OF NEW STEEL PLATES WHICH ARE NOT THOROUGHLY SEALED BY EPOXY OR WELD MATERIAL SHALL RECEIVE SEALANT/CAULKING.


 <b>Gordon R. Archibald, Inc.</b> Civil and Environmental Engineers	<u>TITLE OF SKETCH</u>  IMMEDIATE NEEDS STEEL REPAIRS CONTRACT 1  BRIDGE GENERAL NOTES	R.I. CONTRACT NO. 2017-CB-085
		<b>SKETCH NO.</b>  <b>1</b>
DATE: 5/15/2018	ADDENDUM NUMBER 1	SHEET NO. 6

REVISIONS		
NO.	DATE	BY
1	5/15/18	JPW

**RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION**

**IMMEDIATE NEEDS STEEL REPAIRS  
CONTRACT 1**

WATER STREET BRIDGE NO. 055201  
PAWTUCKET, RHODE ISLAND

**GENERAL PLAN & SECTION** 

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ SCALE AS NOTED

0145K\_V1\_007\_BR55201\_REV01



**Gordon R. Archibald, Inc.**  
Civil and Environmental Engineers

TITLE OF SKETCH

IMMEDIATE NEEDS STEEL  
REPAIRS CONTRACT 1  
BRIDGE NO. 552  
**GENERAL PLAN AND SECTIONS**

R.I. CONTRACT NO.  
2017-CB-085

**SKETCH NO.  
2**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 7

REVISIONS		
NO.	DATE	BY
1	5/15/18	JPW


**RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION**

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**IMMEDIATE NEEDS STEEL REPAIRS  
CONTRACT 1**

---

WATER STREET BRIDGE NO. 055201  
PAWTUCKET, RHODE ISLAND

**FRAMING PLAN AND DETAILS** 

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CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ SCALE AS NOTED

0145K\_V1\_008\_BR55202\_REV01



TITLE OF SKETCH

**IMMEDIATE NEEDS STEEL  
REPAIRS CONTRACT 1**  
BRIDGE NO. 552  
EXISTING FRAMING PLANS &  
LONGITUDINAL SECTION

R.I. CONTRACT NO.  
2017-CB-085

---

**SKETCH NO.**  
**3**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 8

REVISIONS			<p style="font-size: 24px; margin: 0;">RHODE ISLAND</p> <p style="font-size: 36px; margin: 0;">DEPARTMENT OF TRANSPORTATION</p>			
NO.	DATE	BY				
1	5/15/18	JPW				
<p style="font-size: 24px; margin: 0;">IMMEDIATE NEEDS STEEL REPAIRS</p> <p style="font-size: 24px; margin: 0;">CONTRACT 1</p>			<p style="font-size: 14px; margin: 0;">PONTIAC AVENUE BRIDGE NO. 062701</p> <p style="font-size: 14px; margin: 0;">CRANSTON, RHODE ISLAND</p> <p style="font-size: 24px; font-weight: bold; margin: 0;">FRAMING PLAN AND DETAILS</p>			
				CHECKED BY _____ DATE _____ SCALE <u>AS NOTED</u>		

0145K\_V1\_010\_BR62702\_REV01



TITLE OF SKETCH  
  
 IMMEDIATE NEEDS STEEL  
 REPAIRS CONTRACT 1  
  
 BRIDGE NO. 627  
**EXISTING FRAMING PLAN**

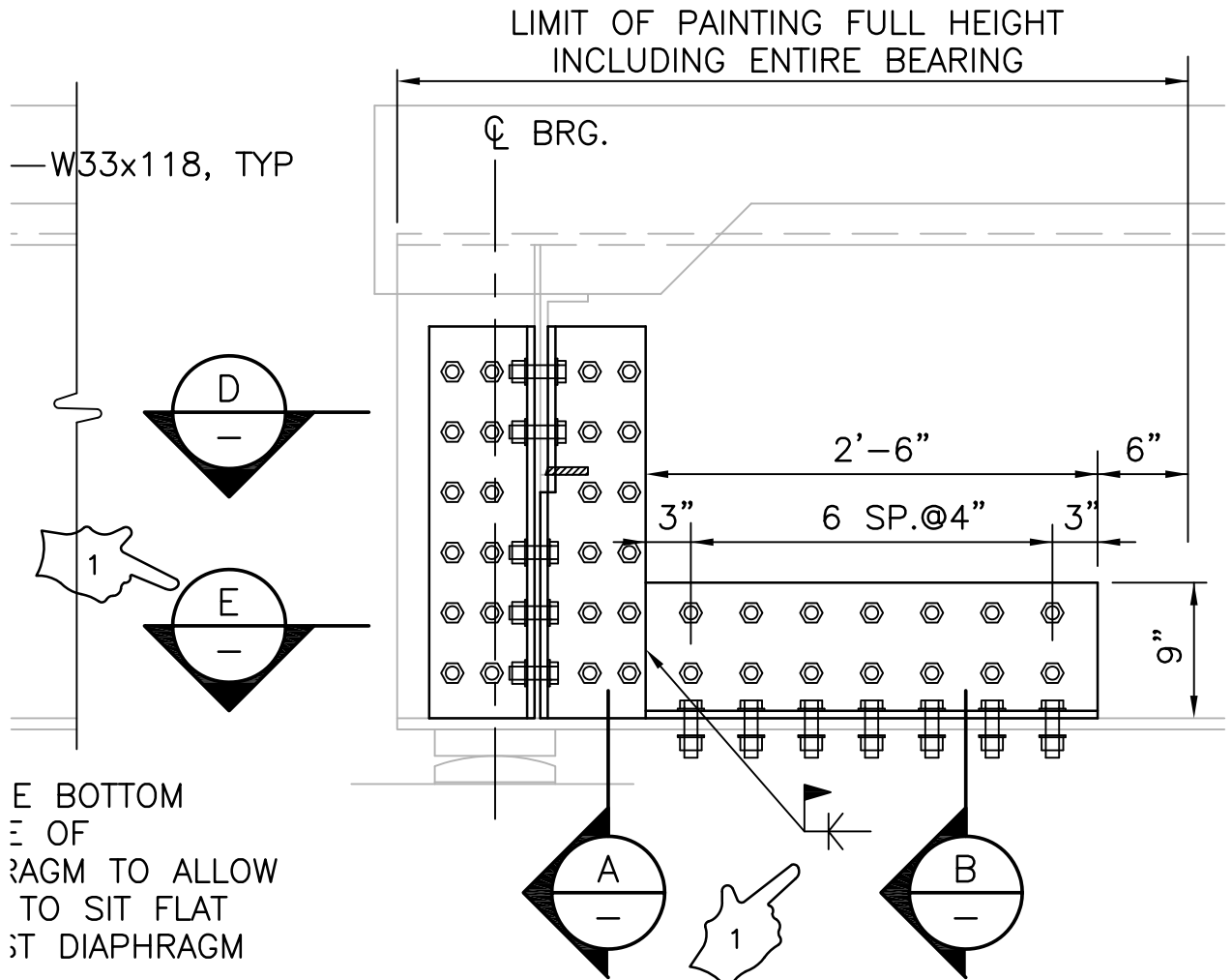
R.I. CONTRACT NO.  
 2017-CB-085

**SKETCH NO.**  
  
**4**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 10



E BOTTOM  
 OF  
 BRG TO ALLOW  
 TO SIT FLAT  
 ON DIAPHRAGM

ELEVATION  
**REPAIR TYPE 2**  
 SCALE: 1"=1'-0"

SEE REPAIR TYP  
 TYPICAL NOTES  
 DIMENSIONS NOT

1



TITLE OF SKETCH  
 IMMEDIATE NEEDS STEEL  
 REPAIRS CONTRACT 1  
 BRIDGE NO. 627  
 EXISTING FRAMING PLAN

R.I. CONTRACT NO.  
 2017-CB-085

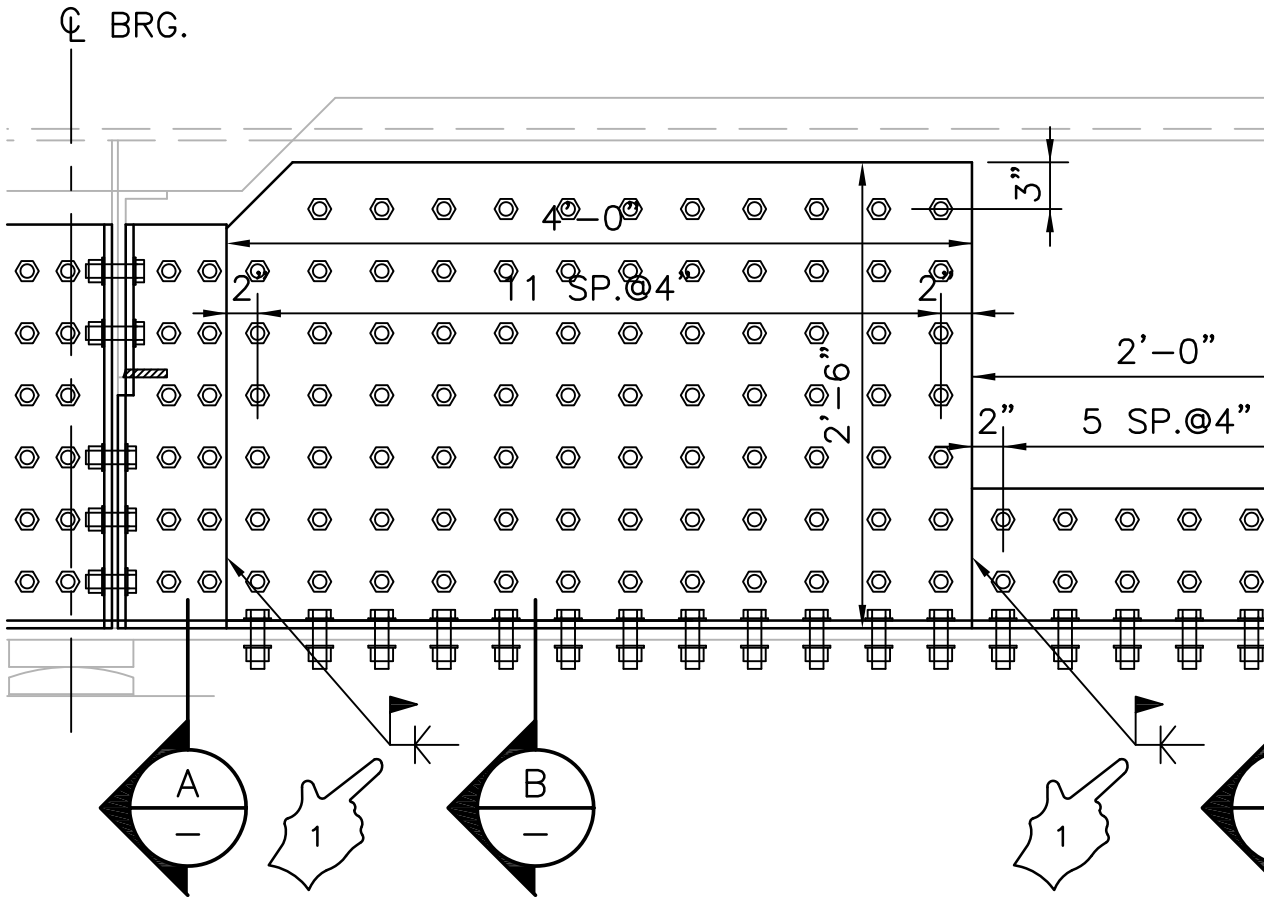
**SKETCH NO.**  
**5**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 10

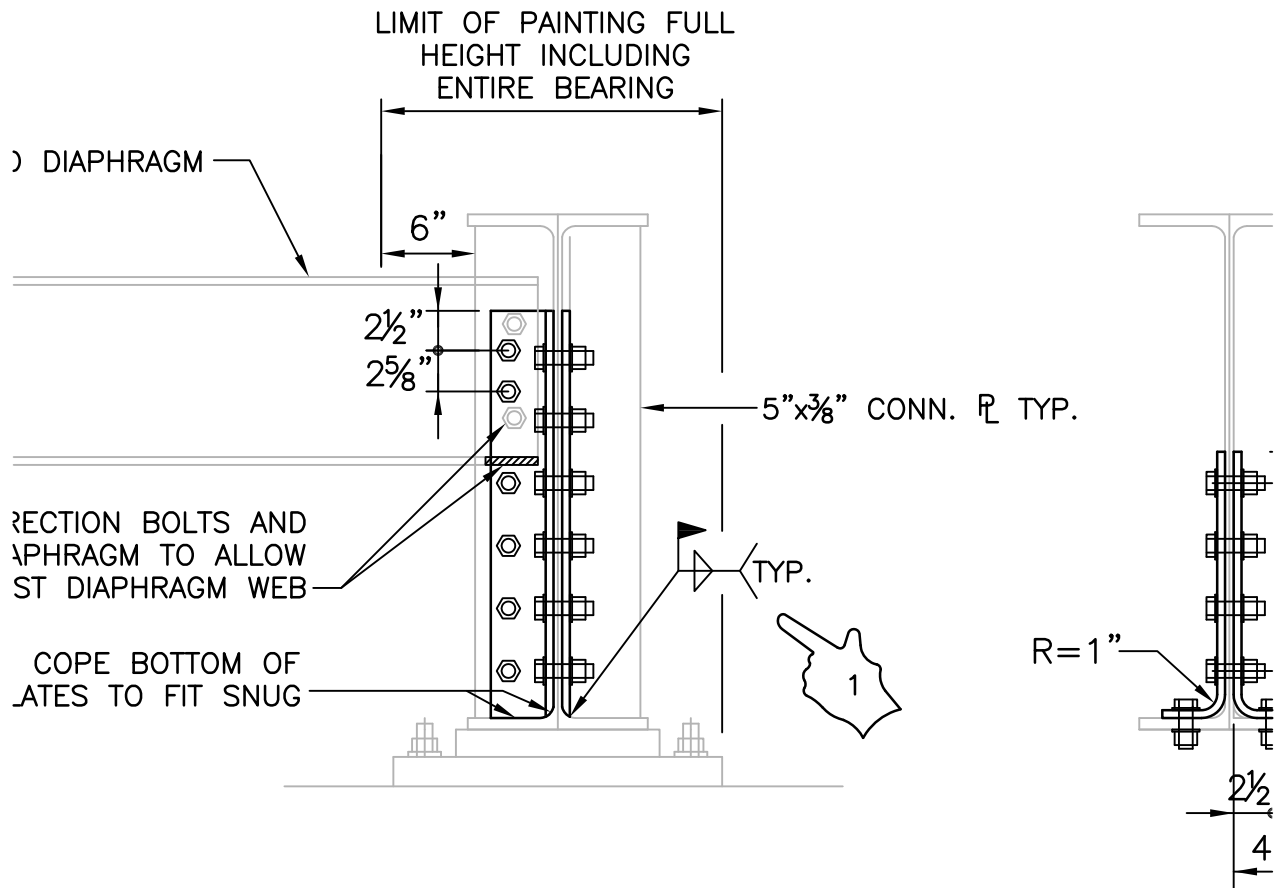
LIMIT OF PAINTING FULL HEIGHT  
INCLUDING ENTIRE BEARING



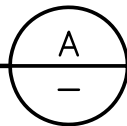
ELEVATION  
**REPAIR TYPE 3**  
SCALE: 1"=1'-0"

SEE REPAIR TYPE 1 FOR  
TYPICAL NOTES AND  
DIMENSIONS NOT SHOWN

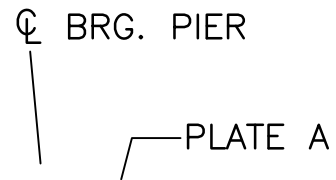
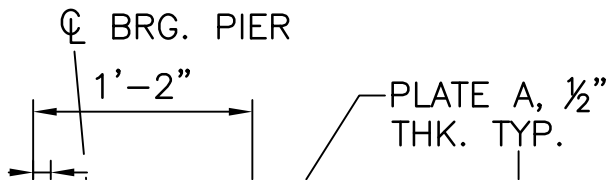
 <p>Gordon R. Archibald, Inc. Civil and Environmental Engineers</p>	<p>TITLE OF SKETCH</p> <p>IMMEDIATE NEEDS STEEL REPAIRS CONTRACT 1</p> <p>BRIDGE NO. 627 EXISTING FRAMING PLAN</p>	<p>R.I. CONTRACT NO. 2017-CB-085</p>
		<p><b>SKETCH NO.</b> <b>6</b></p>
<p>DATE: 5/15/2018</p>	<p>ADDENDUM NUMBER 1</p>	<p>SHEET NO. 10</p>



**SECTION**  
SCALE: 1"=1'-0"



**SECTION**  
SCALE: 1"=



 <b>Gordon R. Archibald, Inc.</b> Civil and Environmental Engineers	<u>TITLE OF SKETCH</u>  IMMEDIATE NEEDS STEEL REPAIRS CONTRACT 1  BRIDGE NO. 627 EXISTING FRAMING PLAN	R.I. CONTRACT NO. 2017-CB-085
		<b>SKETCH NO.</b> <b>7</b>
DATE: 5/15/2018	ADDENDUM NUMBER 1	SHEET NO. 10



REVISIONS		
NO.	DATE	BY
1	5/15/18	JPW


**RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION**

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**IMMEDIATE NEEDS STEEL REPAIRS  
CONTRACT 1**

---

JEFFERSON BOULEVARD BRIDGE NO. 063501  
WARWICK, RHODE ISLAND

**GENERAL PLAN & SECTIONS** 

---

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ SCALE AS NOTED

0145K\_V1\_011\_BR63501\_REV01



**Gordon R. Archibald, Inc.**  
Civil and Environmental Engineers

TITLE OF SKETCH

IMMEDIATE NEEDS STEEL  
REPAIRS CONTRACT 1

BRIDGE NO. 635  
GENERAL PLAN AND SECTION

R.I. CONTRACT NO.  
2017-CB-085

**SKETCH NO.**  
**8**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 11

REVISIONS		
NO.	DATE	BY
1	5/15/18	JPW

**RHODE ISLAND**  
**DEPARTMENT OF TRANSPORTATION**

---

**IMMEDIATE NEEDS STEEL REPAIRS**  
**CONTRACT 1**

---

JEFFERSON BOULEVARD BRIDGE NO. 063501  
 WARWICK, RHODE ISLAND

**FRAMING PLAN AND DETAILS**

---

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ SCALE AS NOTED



0145K\_V1\_012\_BR63502\_REV01

**Gordon R. Archibald, Inc.**  
 Civil and Environmental Engineers

TITLE OF SKETCH  
 IMMEDIATE NEEDS STEEL  
 REPAIRS CONTRACT 1  
 BRIDGE NO. 635  
**FRAMING PLAN AND SECTIONS**

R.I. CONTRACT NO.  
 2017-CB-085

---

**SKETCH NO.**  
**9**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 12

REVISIONS		
NO.	DATE	BY
1	5/15/18	JPW

**RHODE ISLAND  
 DEPARTMENT OF TRANSPORTATION**

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**IMMEDIATE NEEDS STEEL REPAIRS  
 CONTRACT 1**

---

JOSLIN ROAD BRIDGE NO. 067201  
 BURRILLVILLE, RHODE ISLAND

**FRAMING PLAN AND DETAILS**

---

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ SCALE AS NOTED



0145K\_V1\_014\_BR67202\_REV01



TITLE OF SKETCH  
**IMMEDIATE NEEDS STEEL  
 REPAIRS CONTRACT 1  
 BRIDGE NO. 672  
 FRAMING PLAN AND SECTION**

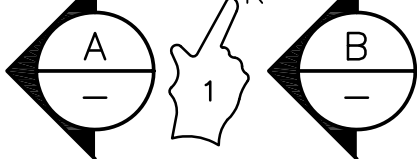
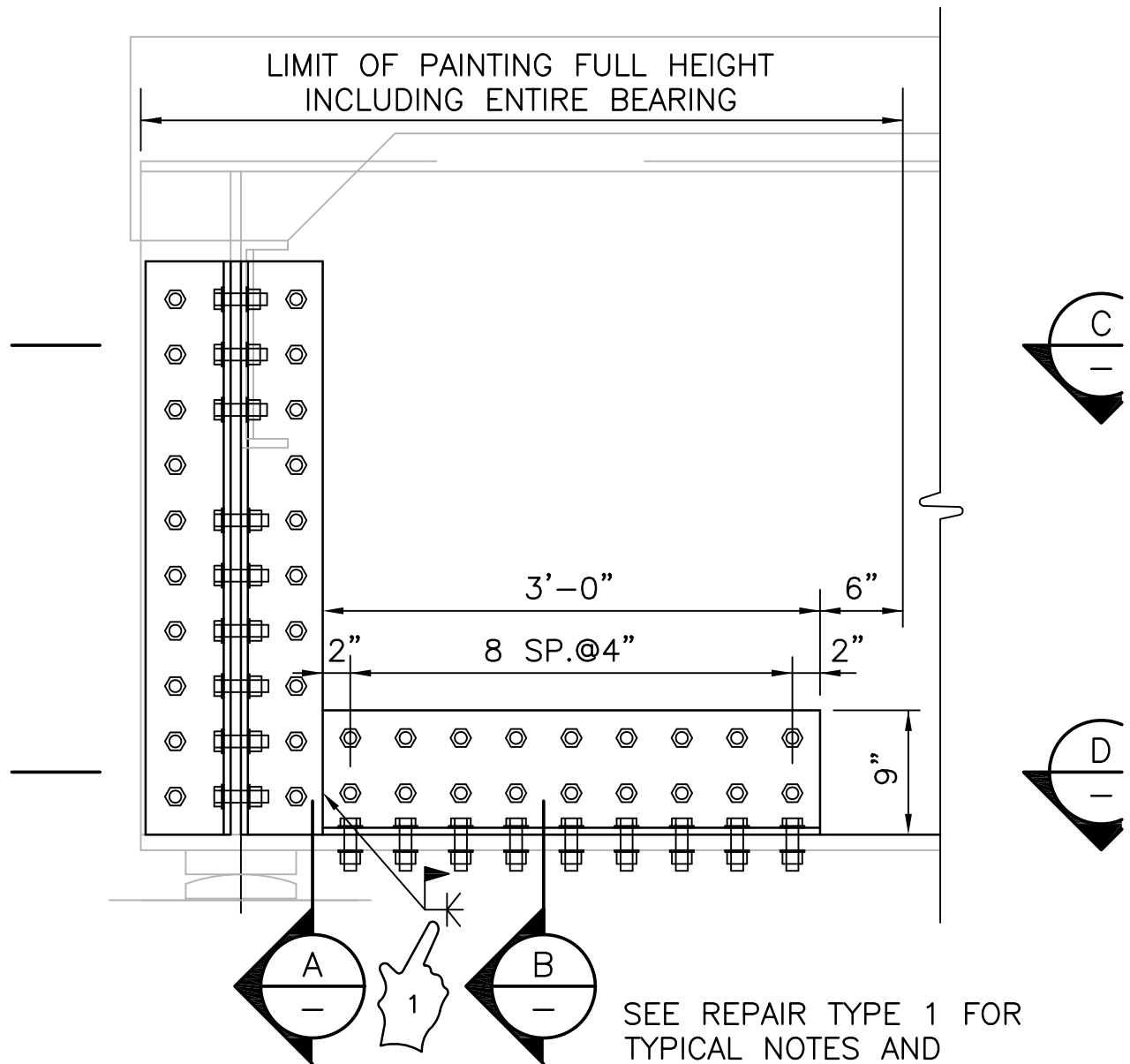
R.I. CONTRACT NO.  
 2017-CB-085

**SKETCH NO.  
 10**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 14




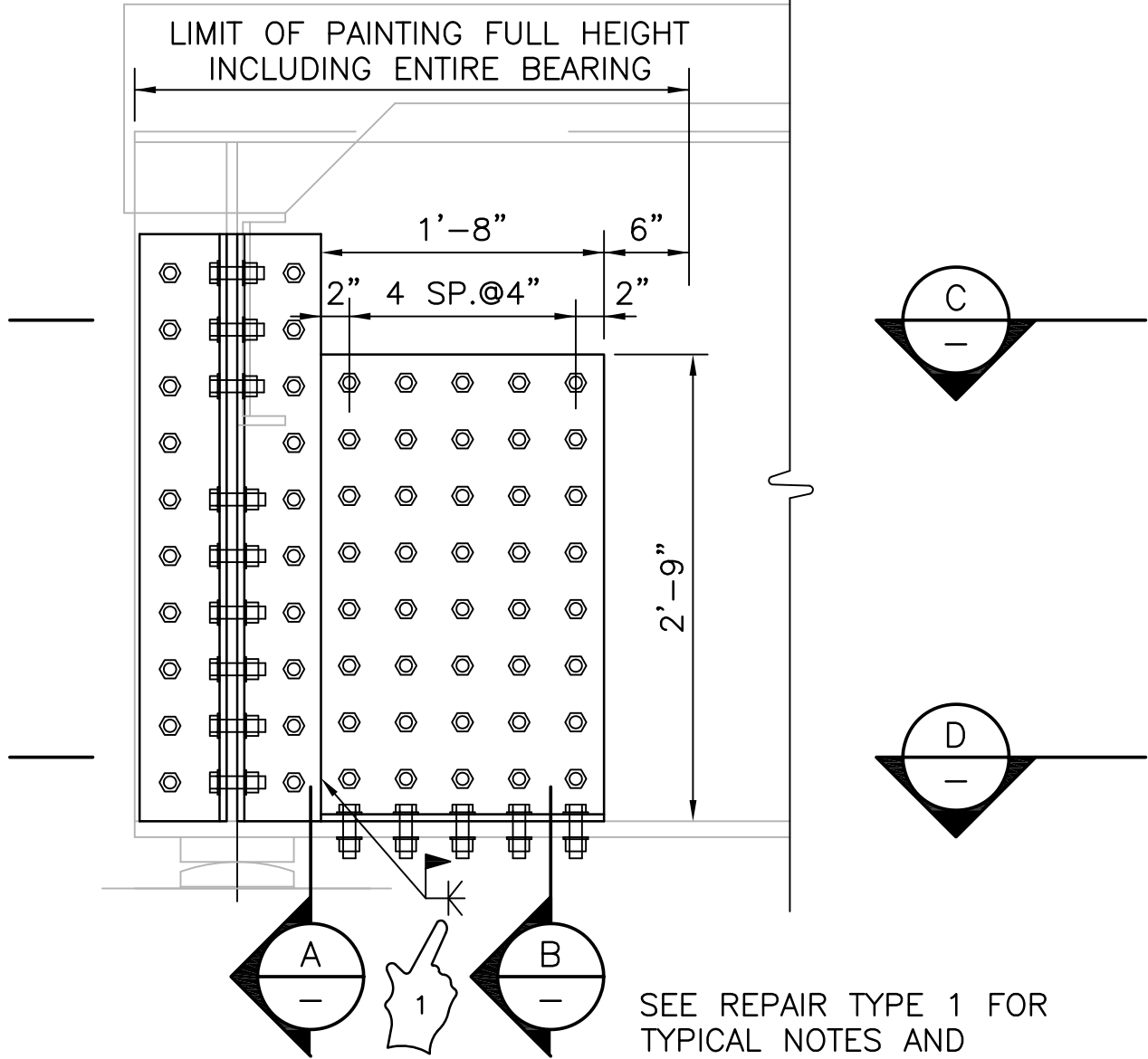
ELEVATION

SEE REPAIR TYPE 1 FOR  
TYPICAL NOTES AND  
DIMENSIONS NOT SHOWN

**REPAIR TYPE 2**

SCALE: 1"=1'-0"

 Gordon R. Archibald, Inc. Professional Engineers	TITLE OF SKETCH  IMMEDIATE NEEDS STEEL REPAIRS CONTRACT 1  BRIDGE NO. 672 FRAMING PLAN AND SECTION	R.I. CONTRACT NO. 2017-CB-085
		<b>SKETCH NO.</b> <b>11</b>
DATE: 5/15/2018	ADDENDUM NUMBER 1	SHEET NO. 14



SEE REPAIR TYPE 1 FOR TYPICAL NOTES AND DIMENSIONS NOT SHOWN

ELEVATION

**REPAIR TYPE 3**

SCALE: 1"=1'-0"

© DRG © DRG © DRG



Gordon R. Archibald, Inc.  
Professional Engineers

TITLE OF SKETCH

IMMEDIATE NEEDS STEEL  
REPAIRS CONTRACT 1  
BRIDGE NO. 672  
FRAMING PLAN AND SECTION

R.I. CONTRACT NO.  
2017-CB-085

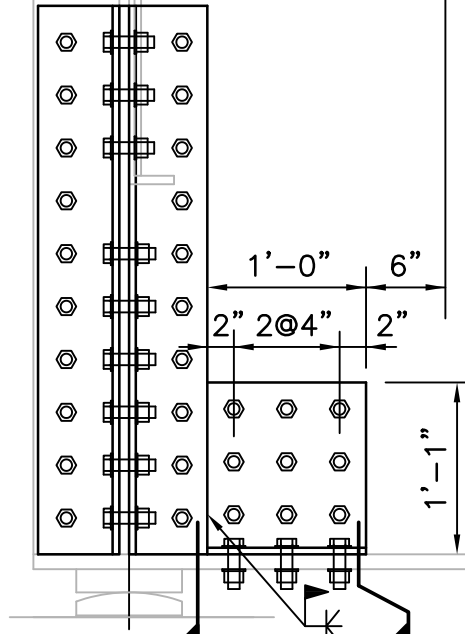
**SKETCH NO.  
12**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 14

LIMIT OF PAINTING FULL HEIGHT INCLUDING ENTIRE BEARING



ELEVATION

**REPAIR TYPE 4**

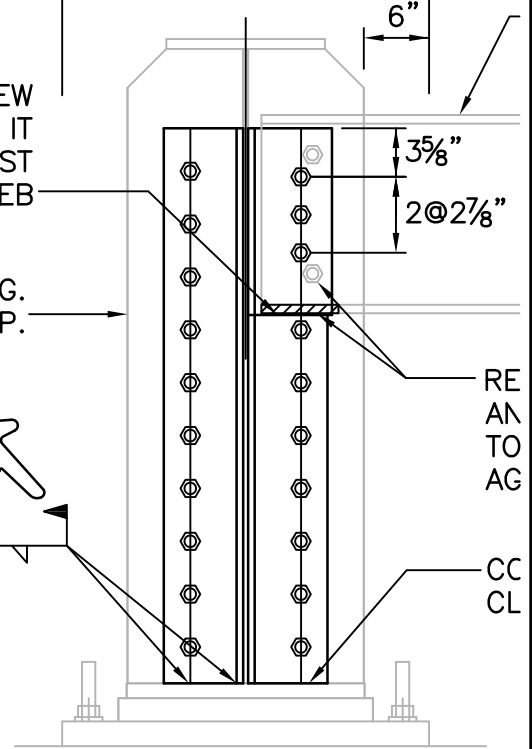
SCALE: 1"=1'-0"

CUT AND BEND NEW PLATE TO ALLOW IT SIT FLAT AGAINST DIAPHRAGM WEB

8<sup>3</sup>/<sub>4</sub>"x<sup>3</sup>/<sub>4</sub>" BRG. STIFF. TYP.



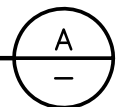
LIMIT OF PAINTING FULL HEIGHT INCLUDING ENTIRE BEARING



SEE REPAIR TYPE 1 FOR TYPICAL NOTES AND DIMENSIONS NOT SHOWN

**SECTION**

SCALE: 1"=1'-0"



Gordon R. Archibald, Inc.  
Professional Engineers

TITLE OF SKETCH

IMMEDIATE NEEDS STEEL REPAIRS CONTRACT 1  
BRIDGE NO. 672  
FRAMING PLAN AND SECTION

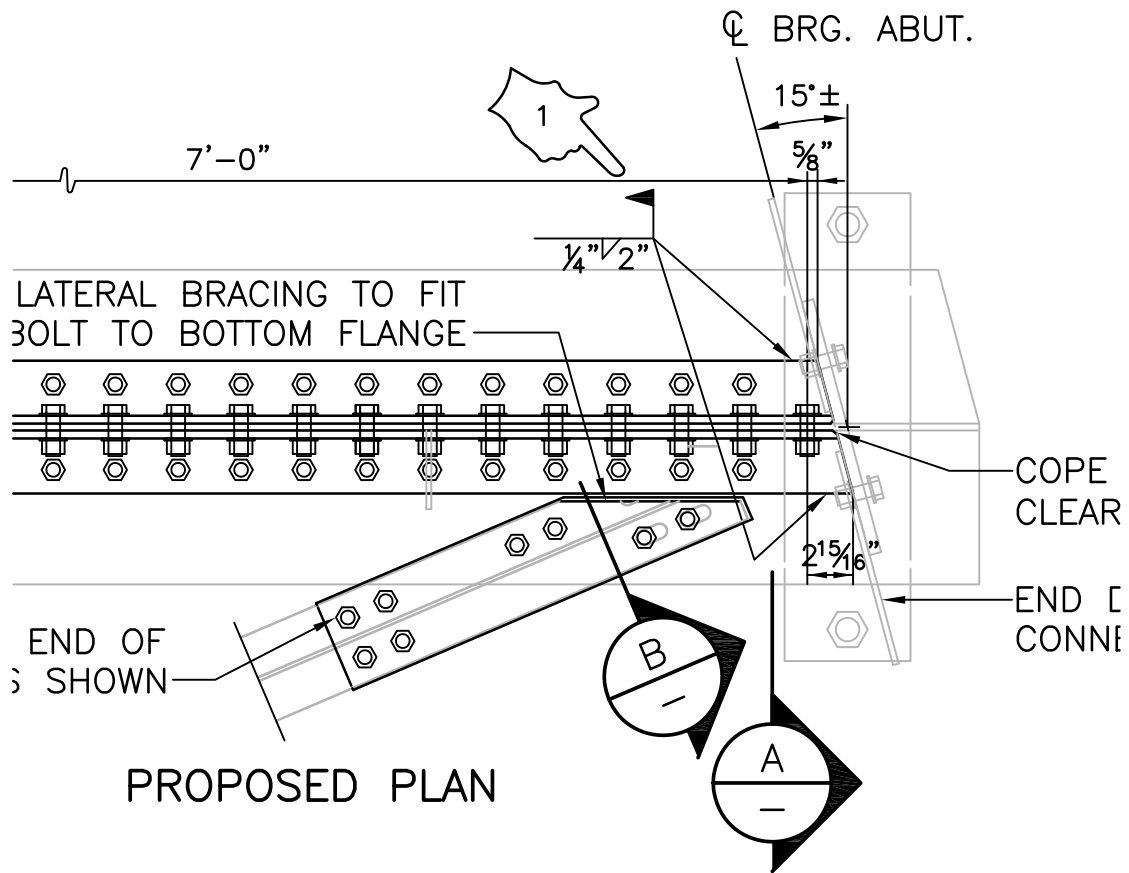
R.I. CONTRACT NO.  
2017-CB-085

**SKETCH NO.  
13**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 14



**Gordon R. Archibald, Inc.**  
Professional Engineers

TITLE OF SKETCH

IMMEDIATE NEEDS STEEL  
REPAIRS CONTRACT 1

BRIDGE NO. 797

FRAMING PLAN AND DETAILS

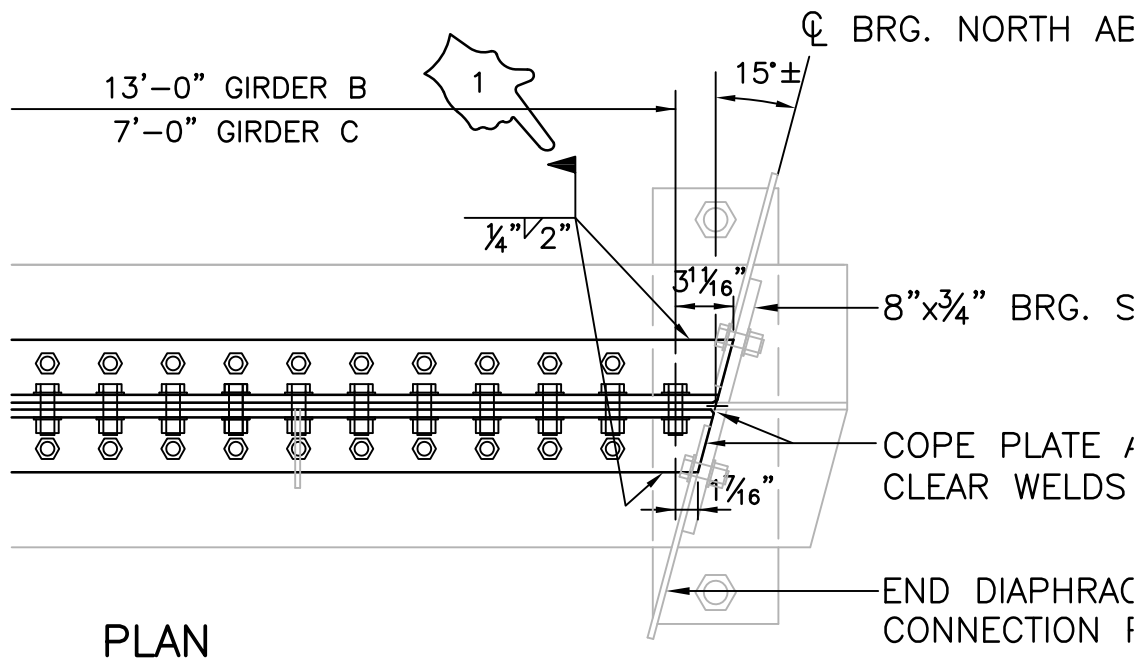
R.I. CONTRACT NO.  
2017-CB-085


**SKETCH NO.**  
**14**

DATE: 5/15/2018

ADDENDUM NUMBER 1

SHEET NO. 16



 <p>Gordon R. Archibald, Inc. Professional Engineers</p>	<p>TITLE OF SKETCH</p>	<p>R.I. CONTRACT NO. 2017-CB-085</p>
	<p>IMMEDIATE NEEDS STEEL REPAIRS CONTRACT 1</p> <p>BRIDGE NO. 798</p> <p>FRAMING PLAN AND DETAILS</p>	<p><b>SKETCH NO.</b> <b>15</b></p>
<p>DATE: 5/15/2018</p>	<p>ADDENDUM NUMBER 1</p>	<p>SHEET NO. 18</p>