



St. Johns River Water Management District

Michael A. Register, P.E., Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • 386-329-4500 • www.sjrwmd.com

September 13, 2022

Interested Firms

Re: Quote Request, 38145 – Replace Wooden Decking on Ocklawaha River Bridge

The St. Johns River Water Management District (District) desires to procure a contractor to replace the wooden decking on the Ocklawaha River Bridge.

The objective is to refurbish the structure by replacing the existing wooden decking.

The scope of work includes removal and disposal of all existing wood decking and hardware fasteners and replace with wood supplied by the District. The contractor is responsible for supplying all fasteners. The bridge is approximately 180 feet long by 12 feet wide. The bridges consist of a continuous 3"x 8" timber deck supported by 4"x 4" tubular steel beams (see attached construction drawings and pictures of the existing bridge)

If you are interested in this project, email your quote in PDF format, **after 8:00 a.m. and before 3:00 p.m. on Friday, October 7, 2022.** Do not email the quote prior to or after this timeframe. It is preferred that all quotes be submitted as an attachment to an email addressed to Christina Holloway-Williams at chollowa@sjrwmd.com.

There will be a non-mandatory pre-bid meeting on Wednesday, September 28, 2022, at 10:00am. The location of the meeting will be the **Ocklawaha Prairie South Trail Head**. **Link to the location map:** <https://goo.gl/maps/eqES9tzMXNcNMHzDA>.

Minimum Qualification: Respondent **must** use the Qualification Forms (Certificate as to Corporation, General, Similar Projects/References/Equipment Operator(s), Subcontractor, and Equipment Documentation) attached to document the minimum qualifications listed below. Failure to include these forms with the quote may be considered non-responsive.

1. Respondent or (a combination of the firm, individual or project manager assigned to the work) **must** have completed at least three projects in the last three years that shall have included projects similar to refurbishing bridges as defined in the attached Statement of Work, Exhibit 1. Each project shall have had a minimum value of \$10,000.
2. Respondent **must** have no less than five years of experience on projects of the nature specified above.
3. Respondent **must** have proof of ability to do work in the State of Florida (to be provided with quote).

Once quotes are received, staff will review each quote and will make a recommendation for award based on the lowest bidder that meets all the qualifications of this quote request.

The District is a political subdivision of the state of Florida, whose boundaries cover all or portions of 18 counties, and is tax exempt (Tax ID No. 85-8012643710C-3; expires March 31, 2023). Respondent shall provide an estimate of all applicable taxes and fees in its quote, including a list of taxes and fees that fall under the District's exemption.

Opening of Quotes

1. The Florida Public Records Act, §119.071(1)(b), Fla. Stat., exempts sealed quotes from inspection and copying until such time as the District provides notice of an intended decision pursuant to §120.57(3)(a), Fla. Stat., or until 30 days after opening of quotes, whichever is earlier. This exemption is not waived by the public opening of quotes.
2. Unless otherwise exempt, Respondent's quote is a public record that is subject to disclosure upon expiration of the above exemption. If any information submitted with the Quote is a trade secret as defined in §812.081, Fla. Stat., and exempt from disclosure pursuant to §815.04, Fla. Stat., Respondent must clearly identify any such material as "CONFIDENTIAL TRADE SECRET" in its submittal and explain the basis for such exemption. The District reserves the right, in its sole judgment and discretion, to reject a submittal for excessive or unwarranted assertion of trade secret confidentiality and return the submittal to Respondent.
3. Respondents shall bear all costs associated with preparing and submitting responses to this Quote Request. The District will, in no way, be responsible for these costs, regardless of the conduct or outcome.

Inquiries and Addenda

1. District staff are not authorized to orally interpret the meaning of the Quote Request package, or correct any apparent ambiguity, inconsistency, or error therein. In order to be binding upon the District, the interpretation or correction must be given by the Procurement Specialist and must be in writing. The Procurement Specialist may orally explain the District's procedures and assist Respondents in referring to any applicable provision in the Quote Request documents, but the Respondent is ultimately responsible for submitting the quote in the appropriate form and in accordance with written procedures.
2. Every request for a written interpretation or correction must be received at least nine days prior to opening of quotes in order to be considered. Requests must be submitted by email to chollowa@sjrwmd.com. Interpretations, corrections, and supplemental instructions will be communicated by written addenda to this solicitation posted by Onvia DemandStar to all prospective Respondents (at the respective addresses furnished for such purposes) not later than five days prior to the date fixed for the Quote Request opening.
3. Submission of a quote constitutes acknowledgment of receipt of all addenda. Quotes will be construed as though all addenda had been received. Failure of the Respondent to receive any addenda does not relieve Respondent from any and all obligations under the quote, as submitted. All addenda become part of the Agreement.

Award Procedures

1. Section 286.0113, Fla. Stat., exempts from being open to the public, any portion of a meeting at which: (1) a negotiation with a Respondent is conducted pursuant to a competitive solicitation; (2) a Respondent makes an oral presentation as part of a competitive solicitation; (3) a Respondent answers questions as part of a competitive solicitation; or (4) negotiation strategies are discussed. Also, recordings of, and any records presented at, the exempt meeting are exempt from §119.07(1) and §24(a), Art. I of the State Constitution (Public Records) until such time as the District provides notice of an intended decision or until 30 days after opening the Quotes or final replies, whichever occurs earlier. A complete recording shall be made of any portion of an exempt meeting. No portion of the exempt meeting may be held off the record.

2. Pursuant to §286.0113 Fla. Stat., if the District rejects all quotes and concurrently provides notice of its intent to reissue the competitive solicitation, the recording and any records presented at any exempt meeting shall remain exempt from §119.07(1) and §24(a), Art. I of the State Constitution (Public Records) until such time as the District provides notice of an intended decision concerning the reissued competitive solicitation or until the District withdraws the reissued competitive solicitation. A recording and any records presented at an exempt meeting are not exempt for longer than 12 months after the initial District notice rejecting all quotes.
3. The District will examine the quotes to determine completeness. Obvious mismatches with regard to technical or commercial requirements will be rejected at this time.
4. If two or more quotes are equal in all respects, the Agreement will be awarded as follows: (1) to the Respondent that certifies compliance with §287.087, Fla. Stat., via the Drug-Free Workplace Form; or (2) by lot.
5. In the event the Successful Respondent(s) fail to enter into the Agreement or the Agreement with said Respondent is terminated within 90 days of the effective date, the District reserves the right to negotiate with the other respondents in ranked order, if available, and award an Agreement.
6. All Respondents will be notified of the District's intent to award or decision to award the Agreement. For the purpose of filing a protest under §120.57(3), Fla. Stat., the time period will commence as provided in "Notices and Services Thereof."

Disqualification of Respondents

Any of the following causes will be considered as sufficient grounds for disqualification of a Respondent and rejection of the Quote:

1. Contacting a District employee or officer other than Alan Weaver, the procurement specialist assigned to this solicitation action, about any aspect of this Quote Request before the notice of intended decision is posted.
2. Submission of more than one quote response for the same subject matter by an individual, firm, partnership, or corporation under the same or different names;
3. Evidence of collusion among Respondents;
4. Submission of materially false information with the Quote;
5. Information gained through checking of references or other sources which indicates that Respondent may not successfully perform the Work;
6. Respondent is failing to adequately perform on any existing contract with the District;
7. Respondent has defaulted on a previous contract with the District;
8. The evidence submitted by Respondent, or the District's investigation of Respondent, fails to satisfy the District that Respondent is properly qualified to carry out the obligations of the Agreement in a manner acceptable to the District and within the time period specified;
9. Any other cause that is sufficient to raise doubt regarding the ability of a Respondent to perform the Work in a manner that meets the District's objectives for the Work.

Rejection of Quote

1. Quotes must be emailed to the specified location and received during the time specified on page 1 in order to be considered timely. Untimely quotes will not be considered. Quotes will be considered irregular and may be rejected if they show material omissions, alterations of form, additions not called for, conditions, limitations, unauthorized alternate quotes, or other material irregularities. The District may consider incomplete any quote not prepared and submitted in accordance with the provisions specified herein, and reserves the right to waive any minor deviations or irregularities in an otherwise valid Quote.
2. The District also reserves the right to reject any and all quotes when it determines, in its sole judgment and discretion that, it is not in its best interest to award the agreement.

Diversity

The District is committed to the opportunity for diversity in the award and performance of all procurement activities. The District encourages its primary respondents to make a good faith effort to ensure that women and minority-owned business enterprises (W/MBE) are given the opportunity for maximum participation as second and lower tier participants. The District will assist Respondents by sharing information on W/MBEs to encourage their participation.

In accordance with §287.133 and §287.134, Fla. Stat., a person or affiliate who has been placed on the convicted or discriminatory vendor lists following a conviction for a public entity crime or placement on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or Contractor under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in §287.017 for CATEGORY TWO (\$35,000) for a period of 36 months following the date of being placed on the convicted or discriminatory vendor lists.

Notices and Services Thereof

1. The District will publish notice of specifications and criteria, including addenda, intended agency decisions, or other matters pertinent to this solicitation on Onvia DemandStar at *DemandStar.com*. Onvia DemandStar may also be accessed through the District's website at *sjrwm.com*. In addition, the District will post notices of intended agency decisions at the District's headquarters, 4049 Reid Street, Palatka, Florida, Administration Building, Procurement Bulletin Board, on the date the publication is posted on Onvia DemandStar.
2. Notices that are posted on Onvia DemandStar are deemed received at 8:00 a.m. on the next business day following the date posted. Notices that are posted at the District's Procurement Bulletin Board are deemed received at 8:00 a.m. on the next business day following the date of posting. Notices will be posted for a minimum of 72 hours following the time at which they are deemed received. The time period for filing a Notice of Protest pursuant to §120.57(3), Fla. Stat., and Rule 28-110.003, Fla. Admin. Code, commences at the time notices are deemed received.
3. As a courtesy to Respondents, the District may send copies of the notices of intended agency decisions via email or facsimile to the address or phone number provided by Respondent. These courtesy communications neither constitute official notice nor vary the times of receipt set forth above.

Protest Procedures

1. Pursuant to §120.57(3), Fla. Stat., and Rule 28-110.003, Fla. Admin. Code, any person adversely affected by the procurement methodology described herein, or the specifications or criteria, including addenda, must file a Notice of Protest within 72 hours after receipt of the solicitation documents or addenda.
2. Pursuant to §120.57(3), Fla. Stat., and Rule 28-110.003, Fla. Admin. Code, any person adversely affected by a District decision or intended decision to award a contract, or to reject all bids, proposals, or qualifications, must file a Notice of Protest within 72 hours after receipt of the decision or intended decision. Pursuant to §120.57(3), Fla. Stat., and Rule 28-110.004, Fla. Admin. Code, the protester must also file with the District Clerk a Formal Written Protest within ten days after the date the Notice of Protest is filed with the District. The Formal Written Protest must state with particularity the facts and law upon which the protest is based. Pursuant to §287.042(2)(c), Fla. Stat., any person who files an action protesting the decision or intended decision must post with the District Clerk at the time of filing the formal written protest a bond, cashier's check, or money order made payable to the St. Johns River Water Management District in an amount equal to one percent (1%) of the estimated contract amount.

3. No additional time will be added for mailing. All filings must comply with Rule 28-106.104, Fla. Admin. Code, and must be addressed to and received by the District Clerk at the District Headquarters in Palatka, Florida within the prescribed time periods. The District will not accept as filed any electronically transmitted facsimile pleadings, petitions, Notice of Protest or other documents. Failure to file a protest within the time prescribed in §120.57(3), Fla. Stat., or failure to post the bond or other security required by law within the time allowed for filing a bond will constitute a waiver of proceedings under chapter 120, Fla. Stat. Mediation under §120.573, Fla. Stat., is not available.

Thank you for your consideration of this request.

Exhibit 1 – Statement of Work/Site Maps

Exhibit 2 – Cost Schedule

Exhibit 3 – Qualifications: Documentation Forms & Similar Project(s)

Exhibit 4 – Insurance Requirements

EXHIBIT 1 — STATEMENT OF WORK**REPLACE WOODEN DECKING ON OCKLAWAHA RIVER BRIDGE****I. INTRODUCTION/BACKGROUND:**

The District maintains many bridges throughout the various properties. These bridges are constructed of different materials including wooden bridges, metal bridges and concrete bridges. One such bridge is a modular steel bridge and extends over the Ocklawaha River in Marion County (see attached location map). The bridge was manufactured by Bridge Brothers in 2016 (serial number 10193).

II. OBJECTIVE:

The objective is to refurbish the bridge by replacing the existing wooden decking.

III. SCOPE OF SERVICES:

The scope of work includes removal and disposal of all existing wood decking and hardware fasteners and replace with wood supplied by the District. The contractor is responsible for supplying all fasteners. The bridge is approximately 180 feet long by 12 feet wide. The bridges consist of a continuous 3"x 8" timber deck supported by 4"x 4" tubular steel beams (see attached construction drawings and pictures of the existing bridge)

IV. TASK IDENTIFICATION:**Contractor's Responsibility**

- Provide the District with seven (7) days' notice of when construction will commence. The District will inform the adjacent landowner of said work.
- Conduct a preconstruction meeting with the District a minimum of twenty-four (24) hours prior to start of work.
- Coordinate all work with the District's Project Manager to ensure that a District representative is present during the performance of work.
- Mobilize to site and provide all labor, materials (except wood deck timbers) and equipment necessary to perform the work in general accordance with this Statement of Work. This Statement of Work may not represent the full extent or scope of the work but provides adequate details to refurbish the bridges.
- Access to the site may be from the east or west side of the bridge.
- Place necessary signage and deterrents to indicate the bridge is not in service prior to removing any deck boards. It is the contractor's responsibility to ensure the bridge is not accessible during construction or the bridge is safe to access when not onsite.
- Verify that adequate decking has been purchased and is in accordance with this SOW.
- Remove and dispose of all existing wooden decking and hardware. The sequence and method of removing the existing deck and installing the new deck is up to the contractor.
- Install new 3" x 8" deck timbers maintaining standard decking gap or 1/8" between the deck timbers. Connect new deck timbers to 4"x4" tubular steel beam using (2) 1/4"-20 x 4 3/4" (ext. coated) flat head self-drilling with wings screws (or approved equal) at each end and at 4-foot intervals +/- in between (8 total anchors per timber). Anchors shall be countersunk into lumber 1/16" in depth.
- Demobilize from site. The Contractor shall take care to protect all existing structures, roads, utilities and other improvements from damage. Additionally, the Work will be considered complete only after all rubbish and unused material connected with the Work has been removed and the premises left in a condition satisfactory to the District.

All property disturbed or damaged during prosecution of the Work shall be restored to its former condition or better at no additional expense to the District.

District's Responsibility

- Provide site access to Contractor.
- Provide 300 wood deck boards (3" x 8" x 12-foot marine grade pressure treated timbers), contractor to confirm materials received.
- Provide on-site supervision of construction.
- Conduct final walk-through with Contractor.

V. TIME FRAMES AND DELIVERABLES

The work is authorized to proceed on the date a Contract is executed by the District. The Work shall be completed no later than November 30, 2022. The District shall inspect the Contractor's work within 24 hours. Contractor shall correct any deficiencies noted from the inspection.

VI. BUDGET/COST SCHEDULE

PAYMENT OF INVOICES

Contractor shall submit monthly itemized invoices based on a percentage of completion by one of the following two methods: (1) by mail to the St. Johns River Water Management District, Director, Division of Financial Management, 4049 Reid Street, Palatka, Florida 32177, or (2) by e-mail to acctpay@sjrwmd.com. Each invoice shall be submitted in detail sufficient for proper pre-audit and post-audit review. If necessary for audit purposes, the District may require and Contractor shall provide additional supporting information to document invoices.

PROJECT MANAGER

Rayford McCain, Program Manager
Cell: (321) 212-9329
Email: rmccain@sjrwmd.com

EXHIBIT 2 – QUOTE COST SCHEDULE
(Note: This form to be included in quote submittal)

DUE NO LATER THAN 3:00 PM, FRIDAY, October 7, 2022. RESPONSES SHALL BE SUBMITTED TO THE PROCUREMENT SPECIALIST AS IDENTIFIED ON THE FIRST PAGE OF THIS REQUEST.

The bid will be awarded to the lowest responsive and responsible Respondent for the Total Quote Cost.

Respondent Name: _____

Total Bid Cost: _____

Total Bid Cost in Words: _____

I HEREBY ACKNOWLEDGE, as an Authorized Representative for the Respondent, that I have fully read and understand all terms and conditions as set forth in this quotation, and upon award of such quotation, shall fully comply with such terms and conditions.

Acknowledgment is hereby made of the following addenda (identified by number) received:

Addendum No.	Date	Addendum No.	Date
<u> 1 </u>	_____	_____	_____
<u> 2 </u>	_____	_____	_____
<u> 3 </u>	_____	_____	_____

RESPONDENT (FIRM NAME)

ADDRESS

SIGNATURE

TYPED NAME & TITLE

TELEPHONE NUMBER

EMAIL ADDRESS

EXHIBIT 3 – QUALIFICATION FORMS

CERTIFICATE AS TO CORPORATION

(This form to be included in quote submittal)

The below Corporation is organized under the laws of the State of _____; is authorized by law to respond to this Quote Request and perform all work and furnish materials and equipment required under the Agreement, and is authorized to do business in the state of Florida.

Corporation name: _____

Address: _____

Registration No.: _____

Registered Agent: _____

By: _____

(Official Title)

(Affix corporate seal)

Attest: _____

The full names and business or residence addresses of persons or firms interested in the foregoing quote as principals or officers of Respondent are as follows (specifically include the President, Secretary, and Treasurer and state the corporate office held of all other individuals listed):

Identify any parent, subsidiary, or sister corporations involving the same or substantially the same officers and directors that will or may be involved in performance of the Project, and provide the same information requested above on a photocopy of this form.

If applicable, attach a copy of a certificate to do business in the state of Florida, or a copy of the application that has been accepted by the state of Florida to do business in the state of Florida, for the Respondent and/or all out-of-state corporations that are listed pursuant to this form.

QUALIFICATION — GENERAL
(This form to be included in quote submittal)

As part of the quote request, Respondent shall complete the following so that the District can determine Respondent's ability, experience, and facilities for performing the Work.

Name of Respondent:

Year company was organized/formed: _____

Number of years Respondent has been engaged in business under the present firm or trade name:

Total number of years Respondent has experience in similar work described in quote request of the Instructions to Respondents: _____

Has Respondent previously been engaged in the same or similar business under another firm or trade name? If so, please describe each such instance.

Has Respondent ever been adjudicated bankrupt, initiated bankruptcy, or been the subject of bankruptcy proceedings on behalf of the current entity submitting this bid or a prior entity that Respondent substantially operated or controlled? If yes, please describe the nature and result of those proceedings and the entity involved.

Describe the background/experience of the person or persons who will be primarily responsible for directing the Work that will be performed pursuant to this bid. This inquiry is intended to encompass the project manager and/or superintendent who will be engaged on a daily basis in directing performance of the Work.

QUALIFICATION — SIMILAR PROJECTS

(This form to be included in quote submittal)

Respondent and Respondent’s Proposed Operator(s) must have completed at least three projects in the last three years that shall have included projects similar to refurbishing bridges as defined the attached Statement of Work, Exhibit 2. Each project shall have had a minimum value of \$10,000. This form shall be completed for both the Respondent and the Respondent’s Proposed Operator(s) unless the Proposed Operator(s) worked on the same project being submitted for the Respondent’s qualifications.

Completed Project 1:

Agency/Company: _____

Current contact person at Agency/Company: _____

Telephone: _____ Email: _____

Address of Agency/Company: _____

Name of Project: _____

Equipment Operator: _____

Project description: _____

Project Value: _____ Start date: _____ Completion date: _____
 (min: \$10,000) (month/year) (month/year)

Name(s) of assigned personnel:

Project Manager: _____

Others: _____

Completed Project 2:

Agency/Company: _____

Current contact person at Agency/Company: _____

Telephone: _____ Email: _____

Address of Agency/Company: _____

Name of Project: _____

Equipment Operator: _____

Project description: _____

Project Value: _____ Start date: _____ Completion date: _____
(min: \$10,000) (month/year) (month/year)

Name(s) of assigned personnel:

Project Manager: _____

Others: _____

Completed Project 3:

Agency/Company: _____

Current contact person at Agency/Company: _____

Telephone: _____ Email: _____

Address of Agency/Company: _____

Name of Project: _____

Equipment Operator: _____

Project description: _____

Project Value: _____ Start date: _____ Completion date: _____
(min: \$10,000) (month/year) (month/year)

Name(s) of assigned personnel:

Project Manager: _____

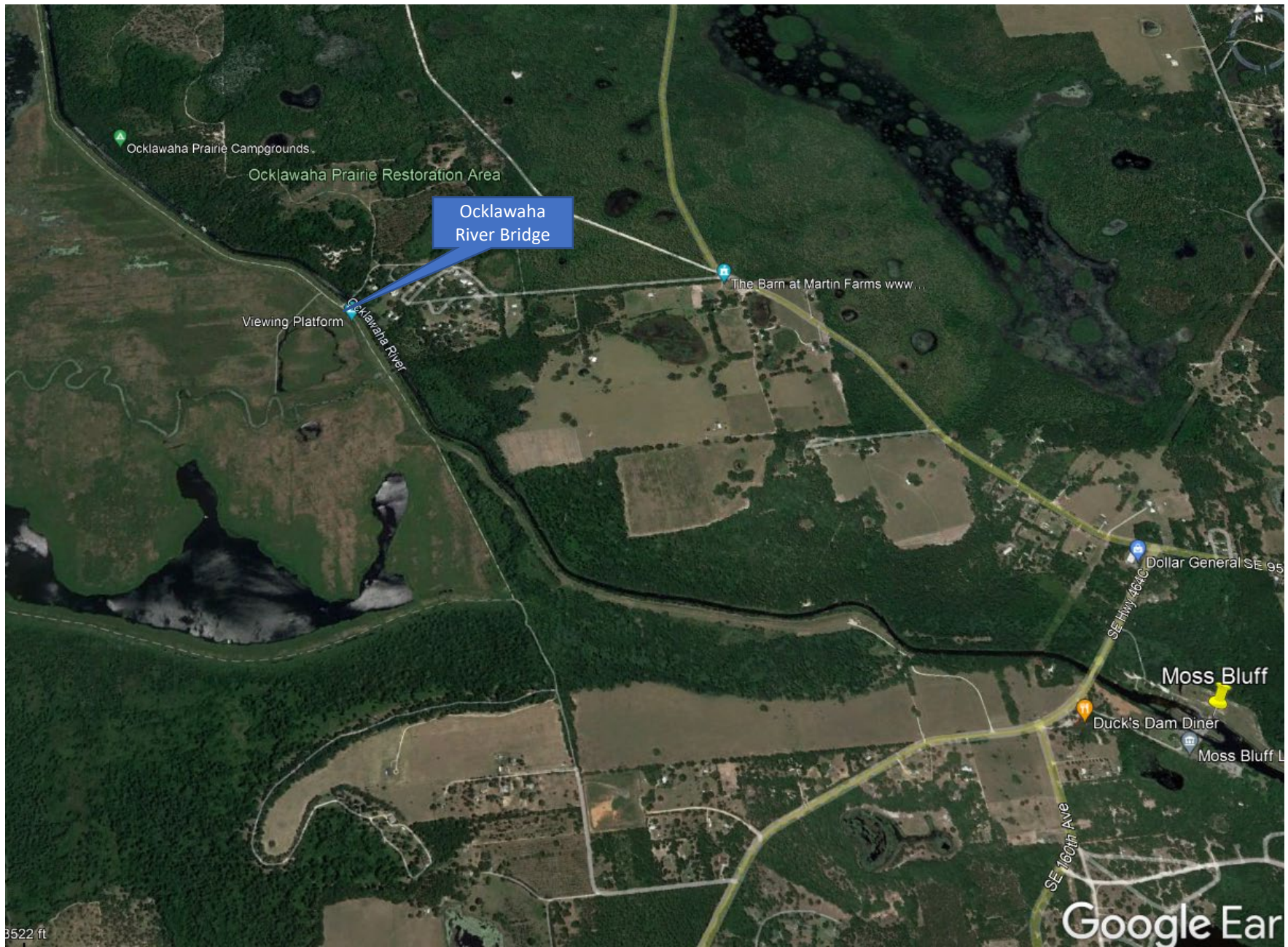
Others: _____

ATTACHMENT 4 — INSURANCE

Consultant shall acquire and maintain until completion of the Work the insurance coverage listed below, which constitutes primary coverage. Consultant shall not commence the Work until the District receives and approves Certificates of Insurance documenting required coverage. Consultant's General Liability policy shall include Endorsement CG 20 10 04 13, or equivalent, naming the St. Johns River Water Management District (the "District") as Additional Insured. All required policies shall include: (1) endorsement that waives any right of subrogation (Endorsement 24 04 05 09, or equivalent) against the District for any policy of insurance provided under this requirement or under any state or federal worker's compensation or employer's liability act; (2) endorsement to give the District no less than 30 days' notice in the event of cancellation or material change. Certificates of Insurance must be accompanied by copies of the requested endorsements.

Any deductibles or self-insured retentions above \$100,000 must be declared to and approved by the District. Approval will not be unreasonably withheld. Consultant is responsible for any deductible or self-insured retention. Insurance must be placed with insurers having an A.M. Best rating of A-V or greater. District receipt of insurance certificates providing less than the required coverage does not waive these insurance requirements.

1. **Workers' Compensation Insurance.** Workers' compensation and employer's liability coverage, including maritime workers compensation, if applicable, in not less than the minimum limits required by Florida law. If Contractor claims an exemption from workers' compensation coverage, Contractor must provide a copy of the Certificate of Exemption from the Florida Division of Workers' Compensation for all officers or members of an LLC claiming exemption who will be participating in the Work. In addition, Contractor must provide a completed District "Affidavit (Non-Construction)" for non-construction contracts. Contractor is solely responsible for compliance with any Federal workers' compensation laws such as Jones Act and USL&H Act, including any benefits available to any workers performing work on this project.
2. **General Liability.** Commercial General Liability Insurance on an "Occurrence Basis," with limits of liability for each occurrence of not less than \$1,000,000 for personal injury, bodily injury, and property damage, with an aggregate of \$2,000,000. Coverage shall include: (1) contractual liability, (2) products and completed operations, (3) independent contractors, and (4) property in the care, control, or custody of Contractor. Extensions shall be added or exclusions deleted to provide the necessary coverage.
3. **Automobile Liability.** Minimum limits of \$100,000/\$300,000/\$100,000.



Ocklawaha River Bridge Site Map

OCKLAWAHA RIVER BRIDGE

Looking West



Looking East

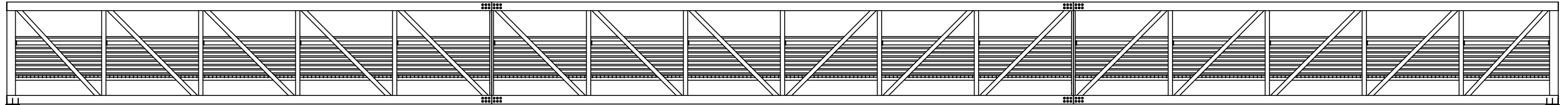


SHIPPING & LIFTING WEIGHT: ~123,000 LBS

SECTION 1 = ~39,500 LBS

SECTION 2 = ~44,000 LBS

SECTION 3 = ~39,500 LBS



BRIDGE REACTIONS			
	Z (LBS)	Y (LBS)	X (LBS)
DEAD LOAD	---	-30,750	---
DEAD + VEHICLE LOAD	---	-40,750	---
DEAD + LIVE LOAD (@ 90PSF)	---	-79,350	---
DEAD + HORIZONTAL WIND (@ 68.9PSF) + OVERTURNING WIND (@ 20PSF)	16,869	2,358 -38,658	---
THERMAL (COEFF OF FRICTION 0.2)	---	---	6,150

BRIDGE INSTALLED WEIGHT = ~122,000 LBS
 THERMAL EXPANSION (BASED ON A SEASONAL TEMPERATURE VARIATION OF 120°F)
 Y = VERTICAL LOAD @ EACH BEARING PLATE (4 TOTAL)
 Z = HORIZONTAL LOAD @ EACH FOOTING (2 PER BRIDGE, 1 @ EACH END)
 X = LONGITUDINAL LOAD @ EACH FIXED BEARING PLATE (2 PER BRIDGE)

NO.	DESCRIPTION
1	COVER PAGE
2	BRIDGE DIMENSIONS
3	BRIDGE MEMBER CALLOUTS
4	BRIDGE WELD CALLOUTS
5	BRIDGE SPLICE DETAIL

GENERAL NOTES:

- BRIDGE BEARINGS SHALL BE CONSTRUCTED AT SAME LEVEL
- TEFLON COATED STEEL SETTING PLATES SHALL BE SHIPPED LOOSE FROM BRIDGE
- DECK PLANKS SHALL BE INSTALLED USING ZINC PLATED FASTENERS
- BRIDGE & DECKING INSTALLATION BY OTHERS - NO RESPONSIBILITY ACCEPTED FOR WORK BY OTHERS
- BRIDGE SHALL BE CAMBERED 23.3 INCHES TO OFFSET DEAD LOAD + 1%
- HSS SQUARE & RECTANGULAR TUBING SHALL BE ASTM A500 GRADE B
- FLAT PLATE AND CHANNEL SHALL BE ASTM A36
- STEEL WELDING SHALL CONFORM TO AWS D1.1
- DEBUR ALL EXPOSED WELDS WHICH MAY COME IN CONTACT WITH PEDESTRIANS
- ALL EXPOSED SURFACES OF TRUSS & DECK FRAME SHALL BE BLAST CLEANED & PAINTED PRIOR TO SHIPPING, COLOR TO BE DETERMINED

LOADINGS & DESIGN CRITERIA:

- AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, 2009
 - AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 2010 w/ 2013 INTERIM REVISIONS
 - AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 2013
 - GALAMBOS - GUIDE TO STABILITY DESIGN CRITERIA FOR METAL STRUCTURES, 1998
 - STANDARD ENGINEERING PRACTICE
 - THIS STRUCTURE HAS NOT BEEN ANALYZED FOR SEISMIC, SNOW, & FLOOD LOADING
 - SEE CALCULATION PACKAGE FOR COMPLETE DESIGN CRITERIA
- 90 PSF LIVE LOAD
 20,000 LB VEHICLE LOAD
 110 MPH WIND LOAD

CUSTOMER SIGNATURE _____ DATE _____

SIGN AND DATE ABOVE TO INDICATE ACCEPTANCE AND APPROVAL FOR BRIDGE BROTHERS INC TO PROCEED WITH FABRICATION.

MUCLAN FARMS PEDESTRIAN BRIDGE
 MARION COUNTY, FLORIDA

CUSTOMER:
RBM CONTRACTING SERVICES, LLC
 PO BOX 2174, SANTA ROSA BEACH, FL 32459
 PROJECT # 10193 PO # 1015-80

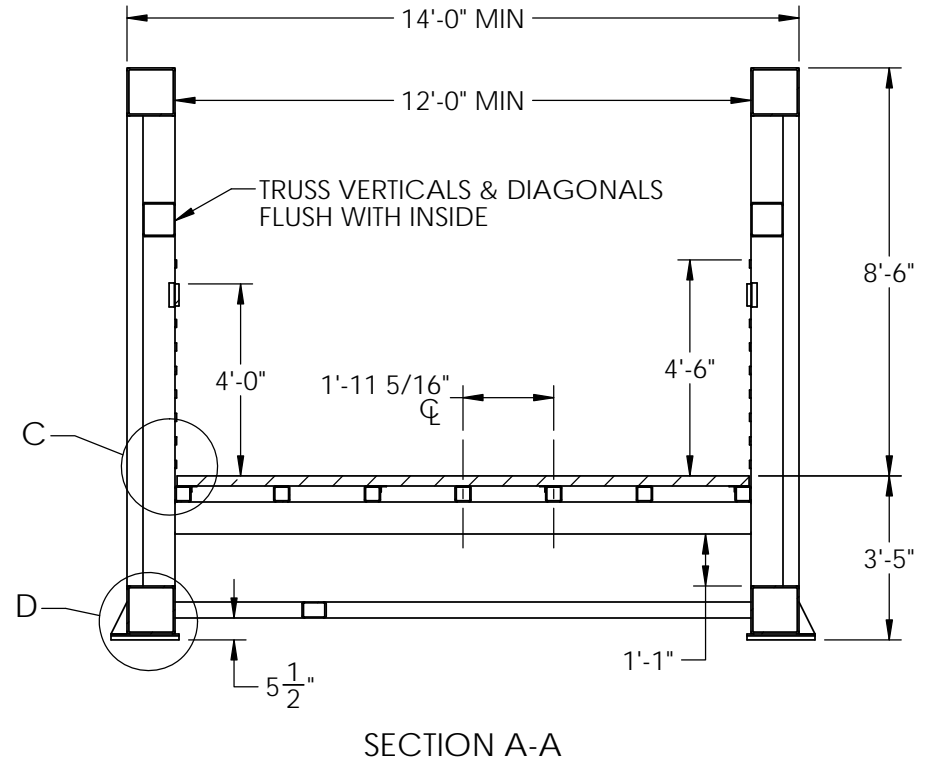
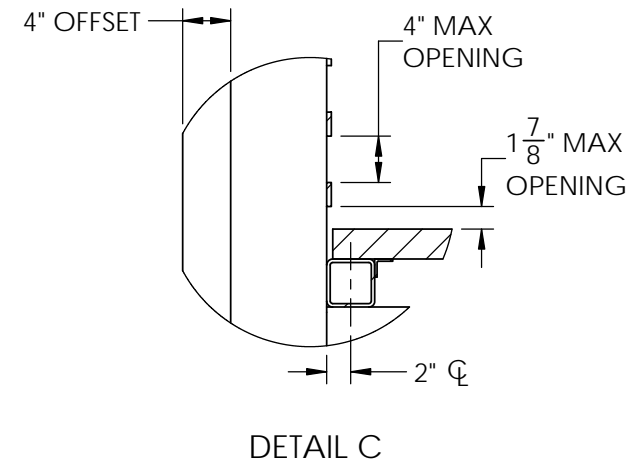
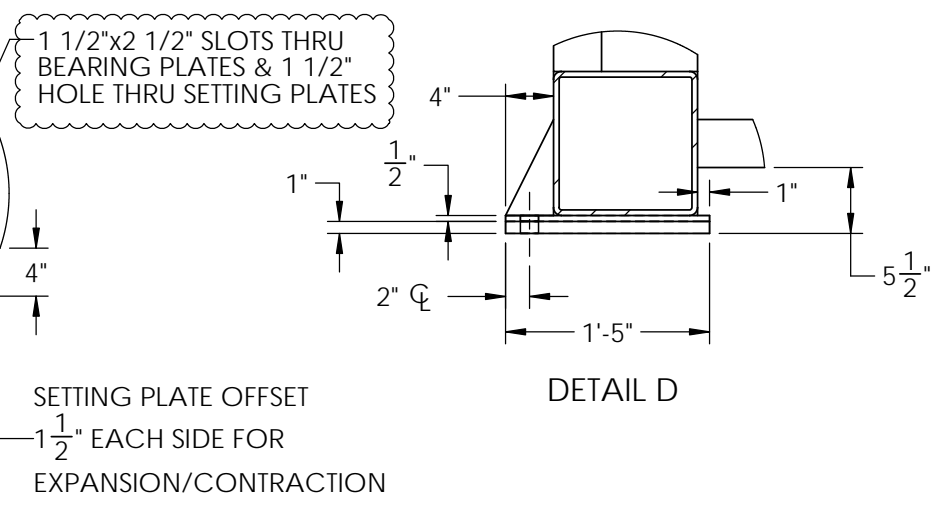
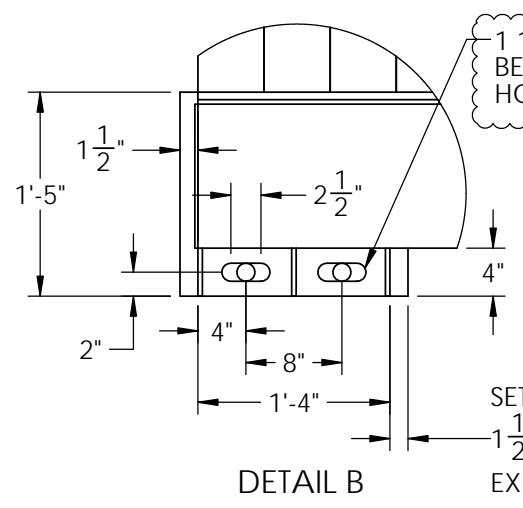
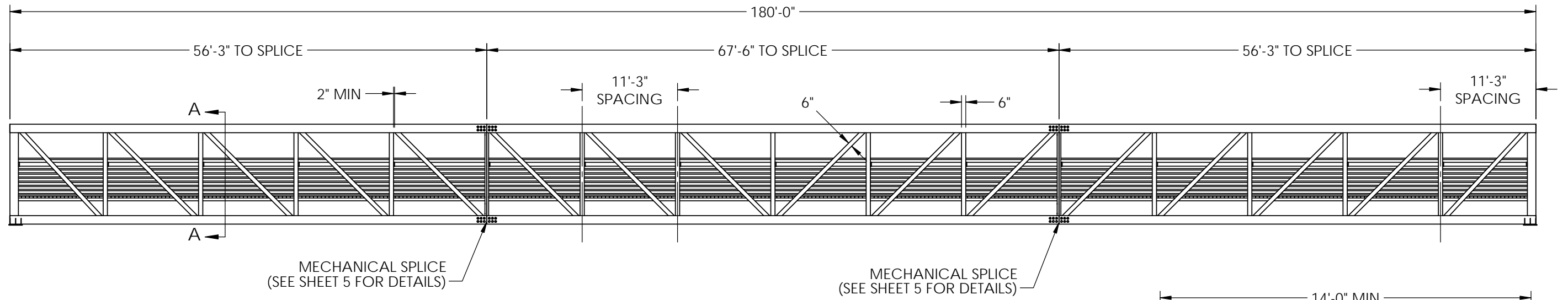
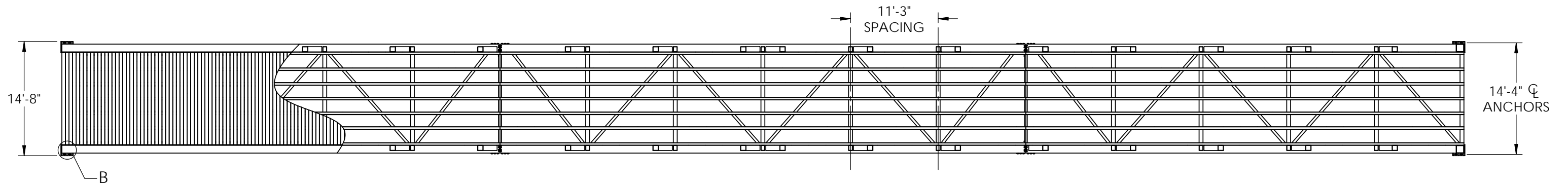


57 OLD IVY SQUARE, ATLANTA, GA, 30342
 (866) 258-3401, WWW.BRIDGEBROTHERSINC.COM

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CHECKED BY: EA			REV.	DATE	DESCRIPTION
COVER PAGE		0	9/20/15	CUSTOMER PRELIMINARY SUBMITTAL	
		1	12/14/15	HORIZONTAL RAIL MODIFICATION	
SCALE:		2	1/6/16	SPLICE FASTENER SIZING	

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 FLORIDA PE# 61764
CHAD S. MCDONALD, PE
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MUCLAN FARMS PEDESTRIAN BRIDGE
MARION COUNTY, FLORIDA

CUSTOMER:
RBM CONTRACTING SERVICES, LLC
PO BOX 2174, SANTA ROSA BEACH, FL 32459
PROJECT # 10193 PO # 1015-80

TOLERANCES UNLESS SPECIFIED OTHERWISE
XXX = ±1/4"; FRACTIONS = ±1/8"; ANGULAR = ±1°

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BRIDGE DIMENSIONS

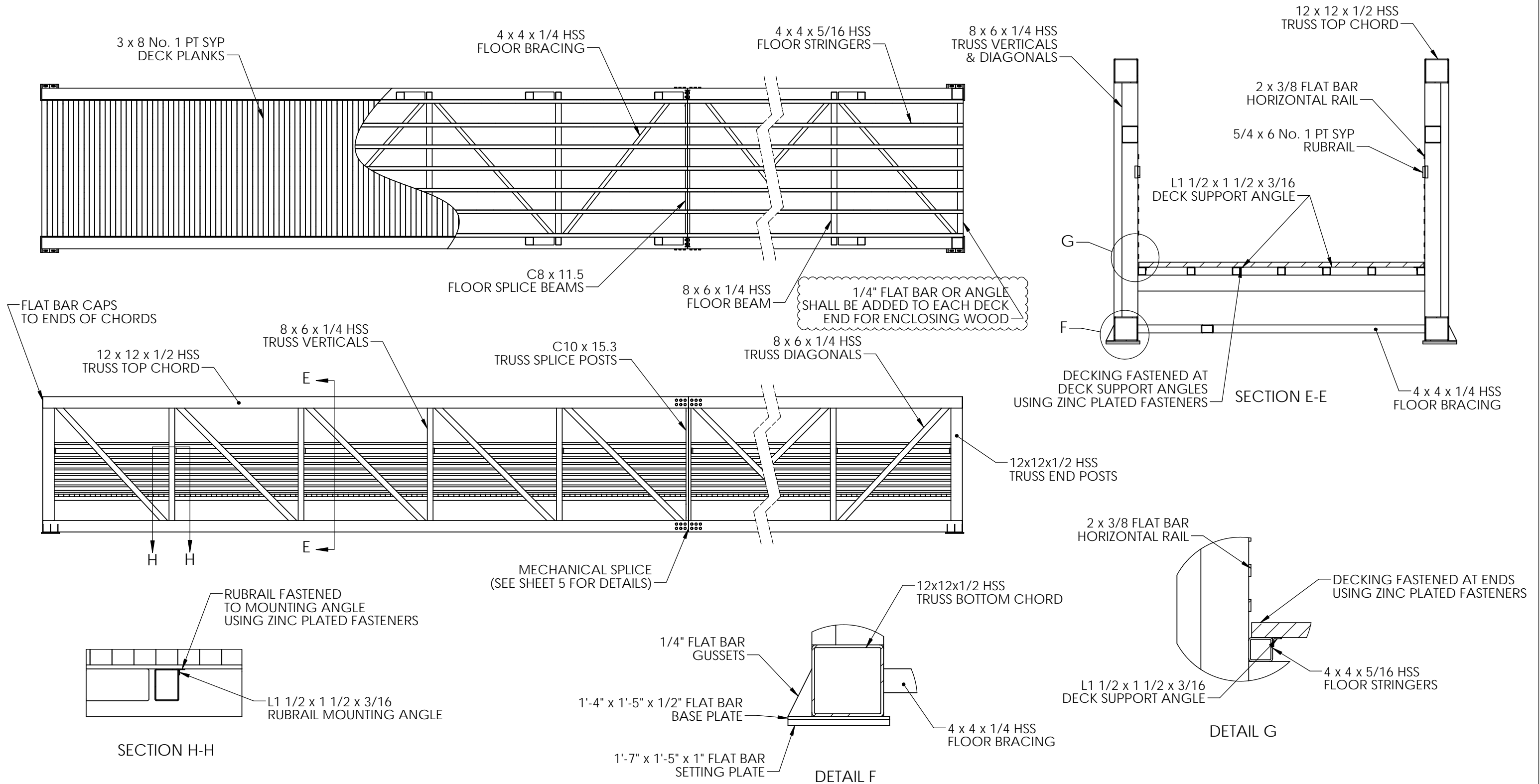
SCALE:

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SHEET 3 of 5

BRIDGE MEMBER CALLOUTS

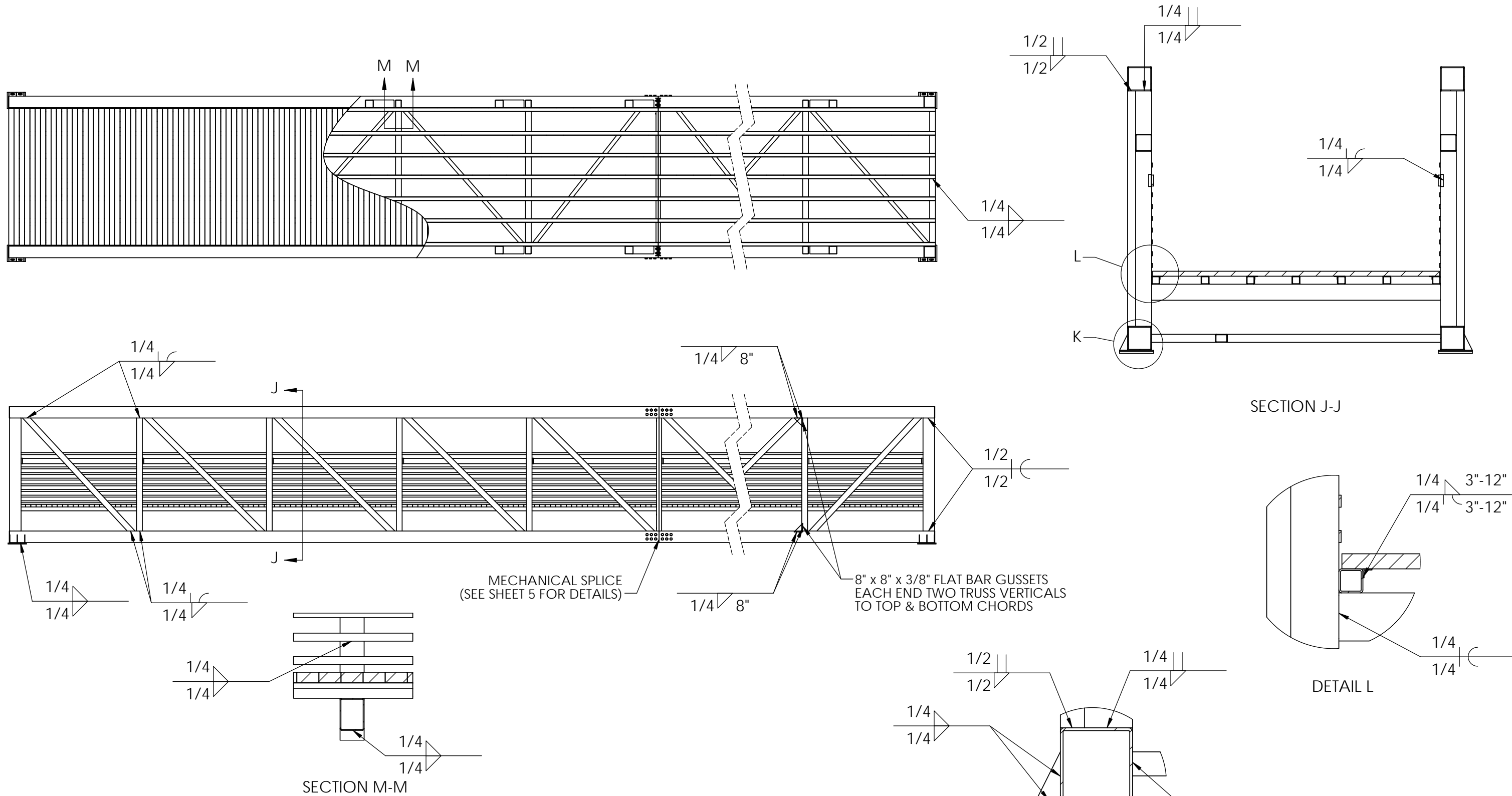
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BRIDGE WELD CALLOUTS

SCALE:

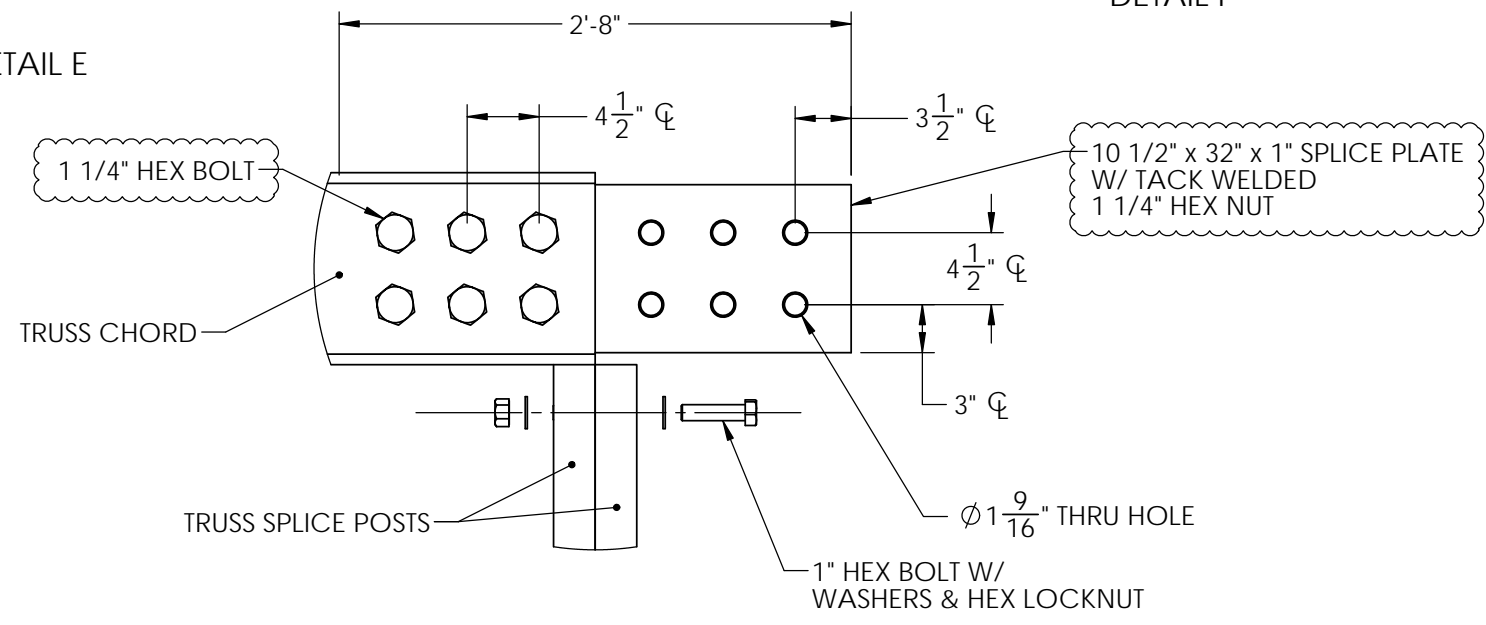
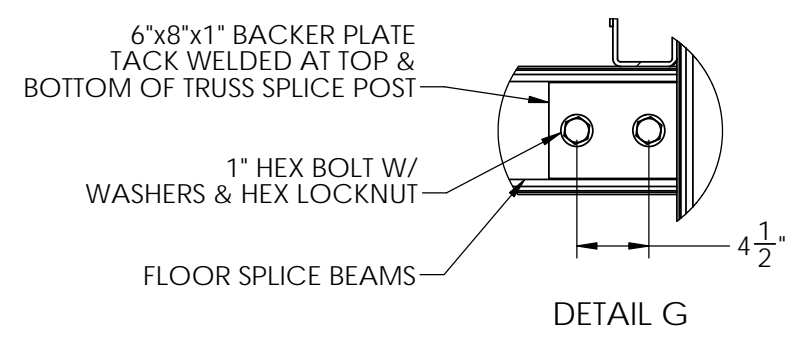
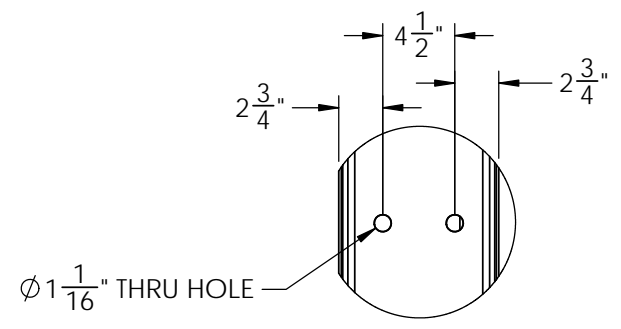
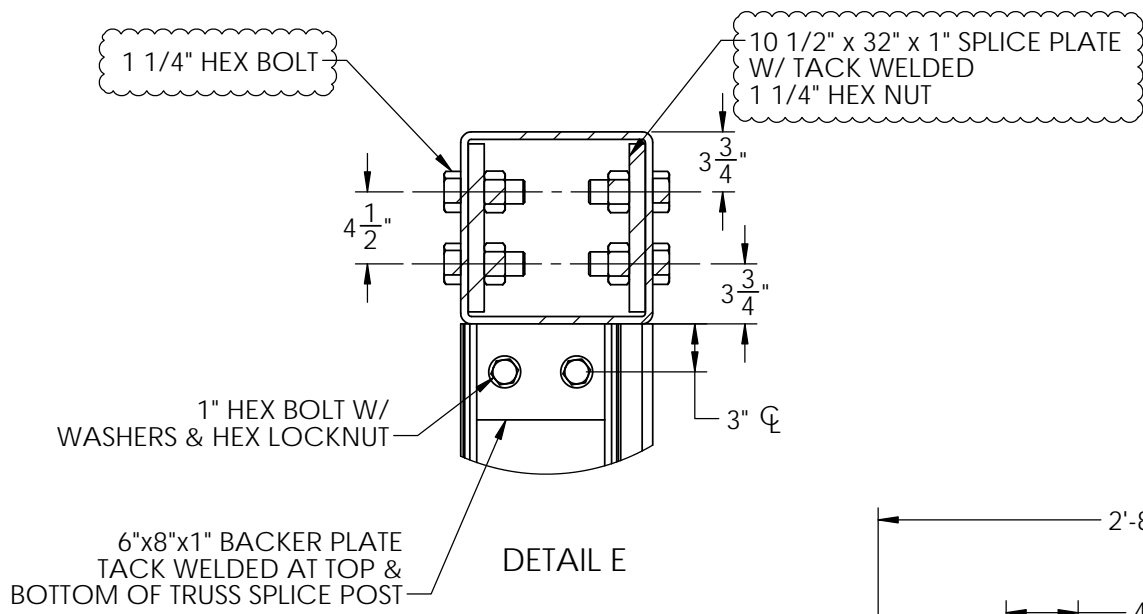
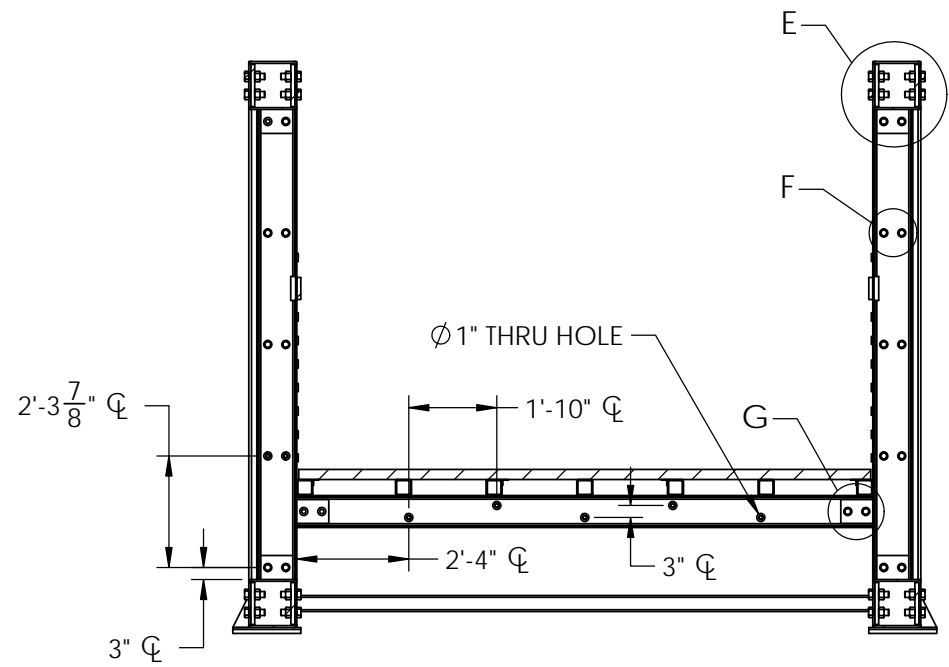
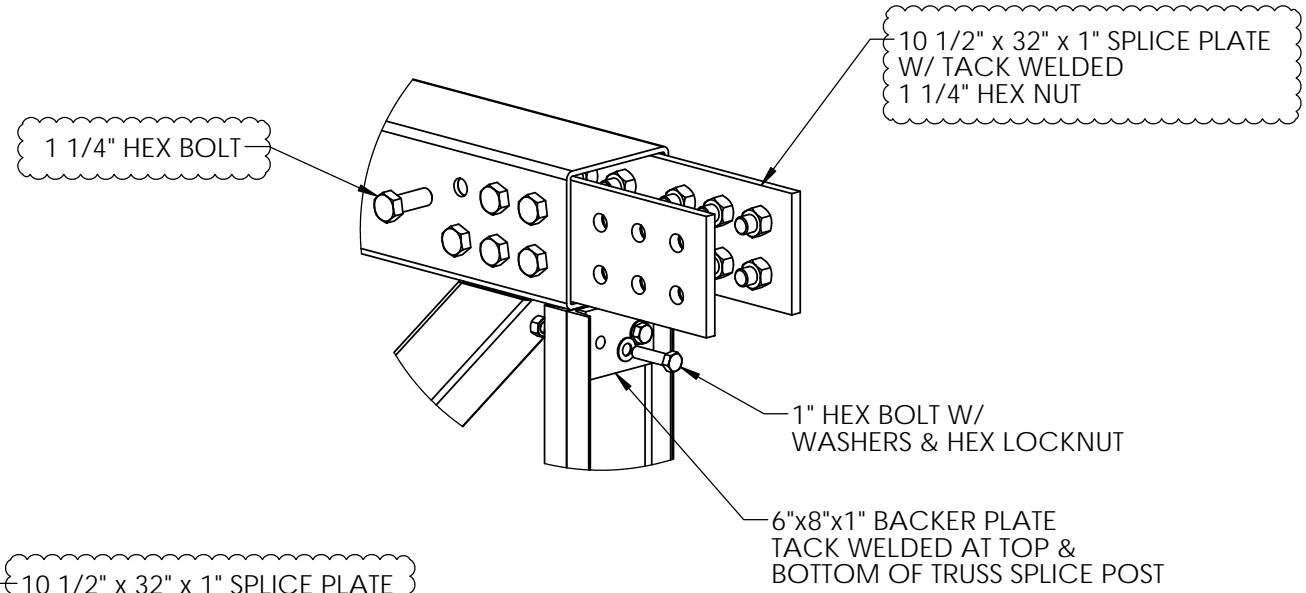
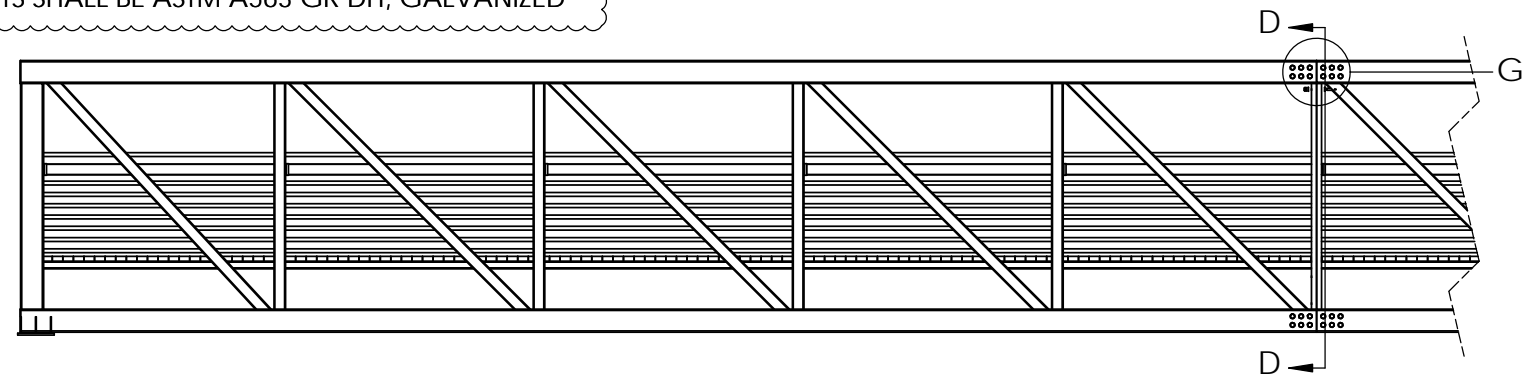
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SPLICE BOLTS SHALL BE ASTM A325 TYPE 1, GALVANIZED
 SPLICE WASHERS SHALL BE ASTM F436, GALVANIZED
 SPLICE NUTS SHALL BE ASTM A563 GR DH, GALVANIZED



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BRIDGE SPLICE DETAIL

SCALE:

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