

Date: December 27th, 2023

Project: Marc Nogid, CT

Scope: Bridge Design, Bridge Manufacturing

Contact: Kenny Adams

Our Estimate below defines our full scope of work for the bridges on the above-referenced project. The price on this proposal is only valid for thirty (30) days.

Bridge Brother's scope will include all structural engineering, manufacturing, installation, and site construction for your project. Any associated designs will be in adherence to the engineering standards set forth in the proposal. Any additional work outside of the proposed scope below will be priced in the form of a Change Order.

Structural & Civil Engineering: **Included**

- PE Stamped Design & Calculation Package
- PE Stamped Abutment & Anchor Design - Add \$7,000
 - Permits/Geotechnical Reports/Site Surveys Supplied by Others

Bridge Manufacturing (Excluding Sales Tax): **\$785,947**

- Qty (1) 11' x 160' Type Bridge
- Bridge Design and Member Size is Based on Bridge Brothers Stamped Design
- Finish (Weathering)
- Truss Configuration (Custom Truss Design)
- Decking (SIP Galvanized Pan for concrete to be poured by others or SYP)
 - Shipped Attached
- HL/93 Vehicular Loading
- Railing (42" Horizontal railing)
- Splices (6 Length Splice)
 - Floor Shipped Loose
- Additional Options Included (Anchor Bolt Supply, Bearing Plate Supply)
- Sales Tax is EXCLUDED
- Freight to Project Site (FOB)
 - The bridge will be shipped in pieces (Length and floor splice) with a current estimated value of freight of (\$22,000) - Included
 - Estimated total bridge weight is (200,000#)

Bridge Sitework & Erection (Excluding Sales Tax):**\$750,000**

- QTY (2) Precast or poured-in-place foundations - Assumed to be no more than 6' tall
- Site excavation and grading estimate could be subject to change based on geotechnical report, site survey, and site constraints/conditions
- Site must have clear accessible graded access for crane to travel to abutment locations
- Site must be cut to grade and pre-excavated, ready for either precast or poured in place abutments. The site must have sufficient site access for construction/installation equipment to both sides of the bridge.
- Site is to have clear crane access within a 10' radius of abutments backwall - if radius is more than 10' a Change Order may be issued for the difference in crane value.
- Rip rap, piles, dewatering, and suitable fill are excluded and will be charged at T&M rates if required for project site conditions.
 - If piles are required \$1,500 per pile will be charged and \$175 per ln/ft
- Excess soils to be removed by others.
- Unload and splice/fit-up bridge sections.
- Utilities and overhead powerlines are to be covered, protected or relocated at the owner expense prior to Bridge Brothers mobilization.
- Lane closures by others
- Erect bridge and install bridge anchors per project plans
- Install the rebar/concrete for the bridge deck

Annual bridge inspection and preventative maintenance package: Optional \$15,711**Estimated Project Schedule**

- **Structural Design Package**
 - 8 weeks
- **Bridge Manufacturing and Freight**
 - 16-20 Weeks from the Date of Approved Drawings Depending on Project Scope
 - Delivery may vary due to mill lead times
- **Bridge Site Work and Erection**
 - 1-3 Weeks depending on project specific details

Qualifications:

- Bridge Brothers Terms and Conditions are required to be signed, in the circumstance where they are not, please allow a minimum of ten (10) working days for contract review.
- Any language listed within this proposal shall be fully incorporated into the final contract.
- Bridge Brothers will require a payment to serve as a deposit to begin engineering services.
- Bridge Brothers will require a payment following the approval of engineering submittals.
- Bridge Brothers will require a payment following the completion of fabrication.
- Bridge Brothers will require the payment of Change Orders prior to shipment.

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- Bridge Brothers will require a payment that serves as an erection deposit before any Bridge Brothers mobilization.
 - Bridge Brothers will not accept any retention holdbacks thirty (30) days after the completion of our scope of work.
 - The Customer must provide sufficient space for delivery trucks to safely park and be unloaded, any time delays at delivery which result in additional freight charges will be billed to the customer.
 - Means and methods of installation are Bridge Brothers and any measure requested and/or required outside of this will be charged at Time and Material from our standard rate sheet.
 - Pricing may be subject to change based on the Geotechnical Report, Site Survey, and Site Constraint.
 - Utilities, overhead power lines, or anything in relation are to be covered, protected, or relocated at the Customers' expense prior to Bridge Brother's mobilization.
 - Customer needs to provide graded access to both abutment locations for erection equipment, the following will apply:
 - o Bridge Brothers is not responsible for the following:
 - Tree removal.
 - Brush removal.
 - Excess dirt removal.
 - Excess grubbing.
 - o Bridge Brothers will bill a fee for where site conditions are not in compliance and any delays/down time as a result of non compliance will be billed double our T&M rates.
 - Any equipment or tools used on site that are owned/rented by the Customer is at the expense of the Customer; Bridge Brothers will not be responsible for any cost associated with such unless discussed prior to mobilization.
 - The following requirements must be satisfied in relation to Unloading and Splice Fit Up Bridges:
 - o 80% Safety Factor to be used on all cranes, if a lower safety percentage is required/requested and a larger crane is required, any cost associated with such will be billed in the form of a Change Order.
 - Lane Closures and traffic control will be completed by Others at no cost to Bridge Brothers.
 - If Bridge Brothers is to be pouring concrete the following applies:
 - o Concrete cure time and setting of the Bridge is dependent on project specifics and project P.E.
 - o The cost associated with the concrete test/heating is on the Customer.
 - o The cost associated with the sealing of concrete is on the Customer.
 - o The cost associated with any epoxy-coated rebar is on the Customer.
 - o Concrete is poured in conformance to structural requirements, not architectural requirements.
 - o Where Bridge Brothers performs any of the above-mentioned work or work in relation to the above-mentioned this will be billed in the form of a Change Order at our T&M standard rates.
 - Bridge Brothers is responsible for the precast or poured-in-place abutments, this is up to 6' tall; anything above 6' tall will require a Change Order at our T&M rates.
 - o Abutment backfilling will be done by Others.
 - Where Piles are required, they will be billed at the following:
 - o Piles are priced at \$1,500 per pile and \$175 per In/ft
 - Rip Rap, Wingwalls, and Dirt are not included in this price; where this is required the cost of such will bill in the form of a Change Order at our standard T&M rates.
 - Where the project includes cable railing, Bridge Brothers will tension cables to the design specifications:
 - o Bridge Brothers will leave a tension tool upon written request from the Customer.
 - o Bridge Brothers will remobilize to tension cables following the final walkthrough, where the Customer requests any re-tensioning of cable railing; this will be billed in the form of a Change Order and will be completed at the discretion of the Bridge Brothers installation schedule.
 - Where the project is painted or galvanized the following will apply:
 - o Any additional touch-up galv or paint will be completed by Bridge Brothers while on site, anything requested following the final walkthrough will be billed in the form of a Change Order.
 - o Bridge Brothers will leave additional paint with the customer following the final walkthrough.
 - Bridge Brothers will require a final walk-through with a customer representative following such a project completion and the acceptance form will be signed while Bridge Brothers personnel is onsite.
 - Bridge Brothers is a nondiscriminatory employer.
- Exclusions:**
- Any item not listed in this proposal is not included in Bridge Brothers' Scope of Work.
 - Any proposed scope of work additions will be billed in the form of a Change Order.
 - Sales Tax is not included here and shall be paid by the Customer to Bridge Brothers.
 - Where Bridge Brothers is required to obtain higher insurance limits to match Customer requirements, the cost of such will be billed in the form of a Change Order.
 - Bridge Brothers reserves the right to adjust pricing for material, freight, onsite equipment and labor escalation.
 - Any additional inspection beyond visual is the responsibility of the customer.
 - Any additional compliance requirements are excluded from this proposal.
 - Any design revision after Rev1 submittals will be billed in the form of a Change Order at our standard hourly rates.
 - Any cost associated with union labor is not included in this proposal.
 - Any cost associated with prevailing wage is not included in this proposal.
 - Any cost associated with dewatering is not included in this proposal.
 - Any cost associated with soil compaction, dirt removal, bull rock, erosion control, silt fencing, or anything in relation is not included in this proposal.
 - Bridge Brothers does not perform site elevation references, centerline work, site layout, surveys, or control points.
 - o Bridge foundations and/or supports must be surveyed and verify locations/elevations and be provided to Bridge Brothers prior to mobilization.
 - Due to the nature of this business, engineering, and market delays shall not result in any consequential or liquidated damages for which Bridge Brothers may be held liable.
 - Bridge Brothers reserves the right to make schedule adjustments for installation due to site conditions.



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If you have any follow-up questions in relation to this proposal or require additional information, please feel free to contact us at the following:

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