



885 Franklin Gateway Suite 305
Marietta, Georgia 30067
Phone: (770) 499-1161
Fax: (770) 872-7389

WORK REQUEST AUTHORIZATION

PROJECT: Underwood Street Bridge (Str. ID: 313-5051-0) **PROJECT NUMBER:** PE-002
LOCATION: Underwood St over Mill Creek
Between Rushmore Dr. & Bermuda St.
TASK: Inspect / Provide Bridge Repair Plans
INITIATION DATE: Tuesday, July 6, 2021

Owner hereby authorizes and directs Pont Engineering, Inc. to perform the following services:

- Pont Engineering will perform an onsite detailed structural inspection of the above referenced bridge in conjunction with reviewing the most recent GDOT inspection.
- Pont Engineering will detail any structural and/or cosmetic deficiencies with the bridge that require repair. .
- Pont Engineering will prepare full bridge repair plans in accordance with standard industry practice, structural code, and AASHTO design guidelines. These plans will be the basis for the City to let a contract to complete the repair work. The plans should include drawings of the bridge, construction details, general notes, and construction methods for the needed repairs.
- The repair plans should also include estimated repair quantities in accordance with the latest version of the GDOT Standard Specifications.
- The scope of work for this project also includes designing the appropriate guardrail approaches/anchorage/attachments for the bridge in accordance with AASHTO standards. The existing guardrail systems are proposed to be removed as part of repair.
- **Additional detail for this project is outlined in the Proposal from Pont Engineering, Inc. dated July 6, 2021 which has been attached.**
- ***On-call contract with Pont Engineering for professional services approved by Mayor and Council August 6, 2018.***

Work Requested By: Andrew Parker, Assistant Public Works Director
Company Name: City of Dalton Public Works Department

The Fee for this Work Authorization will be: \$25,000.00

Not valid until signed by the Owner and Pont Engineering, Inc. Such signatures indicate agreement herewith, including any adjustments in the Contract Sum or the Contract Time. The above fee does not include reimbursable expenses such as courier, shipping charges, blueprinting and applicable fees. You will be billed at our standard hourly rates for the actual number of hours required to complete this task or lump sum fee identified. No work shall proceed until authorized by the City.

AUTHORIZED:

AGREED TO:

City of Dalton, GA
Owner/Authorized Agent

Pont Engineering, Inc.

By (Print):

Date

By (Print):

Date



Pont Engineering, Inc.
885 Franklin Gateway,
Suite 305
Marietta, GA 30067
(T) 770-499-1161
(F) 770-872-7389

July 6, 2021

City of Dalton Public Works
Attn: Andrew Parker, PE
532 Elm Street
Dalton, GA 30722-1205

Reference: **Bridge Repair Services**
Underwood St. Over Mill Creek (Str. I.D. 313-5015-0)

Dear Mr. Parker,

Pont Engineering, Inc. is pleased to submit the following proposal on the above referenced project. We understand that the purpose of this project is to develop repair plans based on issues documented from the previous bridge inspections, maintenance reports, and field investigation. Based on previous inspections and load ratings it was determined the substructure of the bridge is the controlling issue regarding the longevity of the structure. The roadway driving surface appears to have repaved with no longitudinal or transverse cracks observed on the deck. Based on the field inspection and documented information, we recommend preparing repair plans that will include the following:

- Cleaning and Painting all existing Steel Beams
- Cleaning and Painting existing Steel Bearings at Intermediate Bents
- Repair of Intermediate Bent Caps that will include cleaning and providing cover for exposed reinforcement
- Paint, Encase, and provide Sway Bracing for Intermediate Bent Piles
- Address/Repair issues observed at Abutment 4 where undermining of the cap was observed and provide slope protection (rip rap)
- Remove all existing debris observed on the Bent Caps
- Repair and raise the height of existing concrete parapets
- Include guardrail as necessary

Deliverables: Pont Engineering, Inc. will produce repair plans for the structure. Pont Engineering, Inc. will deliver certified sets of 11" x 17" plans outlining the recommended repairs to the City of Dalton.

Contract Fee: Pont Engineering, Inc. will perform this work the City of Dalton. Our fee for this work is a lump sum amount of **\$25,000**. An invoice will be submitted with the completed plan set.

We appreciate your confidence in Pont Engineering, Inc. and look forward to working with you on this project and in the future. If you have any questions or require additional information, please don't hesitate to contact me directly at 770-499-1161 or via email at sean_garland@pontengineering.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Sean H. Garland', is written over a light blue horizontal line.

Sean H. Garland, P.E.
Chief Bridge and Bridge Inspection Engineer
Pont Engineering, Inc.

Cost Proposal
For
Underwood Street Over Mill Creek
(Bridge Repair)



DALTON *Georgia*
"THE CARPET CAPITAL OF THE WORLD"



Date: July 6, 2021

Prepared by: Sean Garland, PE



885 Franklin Gateway, Suite 305
Marietta, GA 30067
Direct: (770) 499-1161
email: sean_garland@pontengineering.com

Prepared for: P. Andrew Parker, P.E.

Assistant Public Works Director
Public Works Department | City of Dalton
535 Elm Street
Dalton, GA 30722
Phone: (706) 278-7077
Fax: (706) 278-1847
email: Aparker@cityofdaltonga.gov

**Underwood Street Over Mill Creek
Cost Summary**

Summary

PROJECT: Underwood Street Over Mill Creek

DESCRIPTION: Bridge Repairs

COUNTY: Whitfield

Phase Description	Phase Number	Total	Notes
Special Studies	1	\$25,091.22	Develop Bridge Repair Plans
	Total	<u><u>\$25,091.22</u></u>	

Underwood Street Over Mill Creek Cost Proposal

PROJECT: Underwood Street Over Mill Creek

DESCRIPTION: Bridge Repairs

COUNTY: Whitfield

PHASE: Bridge Repair Plans

DIRECT LABOR			
Personnel	Est. Hours	Rate/Hr.	Est. Cost
Senior Engineer	40	\$148.50	\$5,940.00
Engineer	74	\$118.50	\$8,768.82
CADD Technician	116	\$88.00	\$10,208.00
Project Accountant	0	\$60.50	\$0.00
Total Direct Labor plus Overhead & Profit			\$24,916.82
Direct Costs			
Travel	2 trip 160 (r/t) miles @ \$0.55/mile		\$174.40
Total Estimated Phase Costs			\$25,091.22

Underwood Street Over Mill Creek Man-Hour Estimate

PROJECT: Underwood Street Over Mill Creek

DESCRIPTION: Bridge Repairs

COUNTY: Whitfield

PHASE: Bridge Repair Plans

Task Number	Task Description	Senior Engineer	Engineer	CADD Technician	Project Accountant	Total
1	Task Management & Coordination	12			0	12
2	Roadway / Guardrail Plan Information	4	8	12		24
3	Roadway Miscellaneous Details	2	6	12		20
4	Bridge Superstructure Repair	4	16	28		48
5	Bridge Substructure Repair	4	20	40		64
6	Bridge Miscellaneous Details	2	12	20		34
7	Develop Cost Estimate	2	8			10
8	Address Client comments	2	4	4		10
9	Attend Meetings	8				8
Total		40	74	116	0	222