



Pont Engineering, Inc.
885 Franklin Gateway,
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Marietta, GA 30067
(T) 770-499-1161
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October 22, 2018

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

Reference: **Bridge Inspection Services**
Chattanooga Street Over Mill Creek (Str. I.D. 313-5051-0)

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 perform an on-site detailed inspection of the bridge and provide a report of findings in anticipation of developing repair plans. In addition to repairs to the bridge, the project will include removal and replacement of guardrail at the bridge ends in accordance with AASHTO Standards. This inspection will not include any underwater inspection of the bridge. We will review previous inspection reports and coordinate dates, time, and traffic control (if necessary) with the City for the inspection of the bridge. The bridge received previous deck repairs in May 2010 that included removing the asphalt overlay, repairing areas of exposed rebar, sealing of the deck, and reapplying an asphalt overlay. Per conversations with the City, no additional coring or deck repairs are anticipated with this project unless obvious deterioration is observed during the field inspection.

Scope of Work: The scope of work on this project consists of inspection of the primary bridge components and providing a report on the following:

- Bridge Deck joints
- Superstructure Components including:
 - Beams
 - Bearings
 - Utilities attached to the structure
- Substructure Components including:
 - Abutments
 - Slope Protection

We anticipate that the Chattanooga Street Bridge will remain open to traffic during the inspection. The inspection of the bridge will be done by certified bridge inspectors and performed in accordance with National Bridge Inspection Standards. Our scope does not include hydraulic studies, roadway design, erosion control, materials testing, surveying, permitting, or environmental studies/permits.

Deliverables: Pont Engineering, Inc. will produce an inspection report on the structure. Pont Engineering, Inc. will deliver two certified sets of an 8 ½" x 11" report describing the inspection along with recommended repairs if necessary 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 **\$5,326.67**. A breakdown of cost used for the estimate is attached. An invoice will be submitted with the inspection report.



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', with a long, sweeping horizontal line extending to the right.

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

Cost Proposal
For
Chattanooga Avenue Over Mill Creek
(Bridge Inspection and Evaluation)



Date: October 22, 2018

Prepared by: Sean Garland, PE



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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@cityofdalton-ga.gov

Chattanooga Street Over Mill Creek Cost Summary

Summary

PROJECT: Chattanooga Avenue Over Mill Creek

DESCRIPTION: Bridge Inspection and Report

COUNTY: Whitfield

| Phase Description | Phase Number | Phase Total | Notes |
|----------------------|-----------------|-------------------|---------------------------------|
| Inspection | 1 | \$5,326.67 | Inspect Bridge / Provide Report |
| Special Studies | 2 | | Develop Bridge Repair Plans |
| | Total | \$5,326.67 | |

Chattanooga Street Over Mill Creek Cost Proposal

PROJECT: Chattanooga Avenue Over Mill Creek

DESCRIPTION: Bridge Inspection and Report

COUNTY: Whitfield

PHASE: Inspection

| DIRECT LABOR | | | |
|--|--------------------------------------|-----------------|-------------------|
| Personnel | Est. Hours | Rate/Hr. | Est. Cost |
| Senior Bridge Engineer | 15 | \$148.50 | \$2,227.50 |
| Bridge Engineer | 14 | \$118.50 | \$1,658.97 |
| Inspector | 14 | \$88.00 | \$1,232.00 |
| Project Accountant | 2 | \$60.50 | \$121.00 |
| Total Direct Labor plus Overhead & Profit | | | \$5,239.47 |
| Direct Costs | | | |
| Site Visit | 1 trip 160 (r/t) miles @ \$0.55/mile | | \$87.20 |
| Total Estimated Phase Costs | | | \$5,326.67 |

Chattanooga Street Over Mill Creek Man-Hour Estimate

PROJECT: Chattanooga Avenue Over Mill Creek

DESCRIPTION: Bridge Inspection and Report

COUNTY: Whitfield

PHASE: Inspection

| Task Number | Task Description | Sr. Bridge Engineer | Bridge Engineer | Inspector | Project Accountant | Total |
|--------------|----------------------------------|---------------------|-----------------|-----------|--------------------|-------|
| 1 | Task Management / Pre-Inspection | 8 | | | 2 | 10 |
| 2 | Field Inspection / Site Visits | | | 6 | | 6 |
| 3 | Organize / Classify Field Data | 1 | 4 | 8 | | 13 |
| 4 | Develop / Produce Report | 2 | 10 | | | 12 |
| 5 | Meetings / Presentations | 4 | | | | 4 |
| Total | | 15 | 14 | 14 | 2 | 45 |

Date October 22, 2018

PROJECT: Chattanooga Avenue Over Mill Creek

DESCRIPTION: Bridge Inspection and Report

COUNTY: Whitfield

Overhead Rate 150.00%

Profit 10.00%

| Classification | Rate | |
|------------------------|-------------|----------|
| Project Manager | \$ 54.00 | \$148.50 |
| Senior Bridge Engineer | \$ 54.00 | \$148.50 |
| Bridge Engineer | \$ 43.09 | \$118.50 |
| Inspector | \$ 32.00 | \$88.00 |
| Project Accountant | \$ 22.00 | \$60.50 |

Mileage Rate \$0.545 per mile