

**Action Requested/Required:**

- ☐ Vote/Action Requested
☒ Discussion or Presentation Only
☐ Public Hearing
Report Date: _____
Hearing Date: _____
Voting Date: _____

Department: Community Development**Presenter(s) & Title:** Bethany Watson

City Engineer

Agenda Item Title:

Discussion on Task Order 7 for W Main St Pedestrian Bridge Concepts from Practical Design Partners, LLC in the amount of \$76,500

Summary:

As a continuation of the W. Main Street Downtown to the Mill connection project, City Staff has requested a proposal from PDP for conceptual design of a bridge over the railroad at the Mill on Etowah. The proposal includes four developing concepts for four alternatives: 1. A pedestrian bridge over the existing railroad with an ADA compliant ramp and switchbacks (as needed) along the south side of W Main St. 2. A pedestrian bridge over the existing railroad with an ADA compliant ramp and switchbacks (as needed) along the north side of W Main St. 3. A pedestrian bridge over the existing railroad with an elevator as access for the approach east of the existing railroad. 4. An at-grade railroad pedestrian crossing. For the selected alternative, a 3D rendering will be developed.

Budget Implications:Budgeted? ☐ Yes ☐ No ☐ N/ATotal Cost of Project: \$ 76,500.00 Check if Estimated ☐Fund Source: General Fund ☐ Water & Sewer ☐ Sales Tax ☒ Other: TAD, Impact Fees**Staff Recommendations:****Reviews:**Has this been reviewed by Management and Legal Counsel, if required? ☐ Yes ☐ No**Attachments:**

Proposal for W. Main Street Pedestrian Bridge Conceptual Layouts



December 10, 2024

Bethany Watson, PE, AICP
City Engineer
Engineering Department
City of Canton
110 Academy Street
Canton, GA 30114

Re: W. Main Street Pedestrian Bridge Conceptual Layouts

Dear Mrs. Watson,

Practical Design Partners, LLC (PDP) appreciates the opportunity to submit this proposal to complete the conceptual layouts to provide pedestrian access from the W. Main St Pedestrian Corridor Project to the District On The Etowah parking deck currently under construction.

Anticipated Scope of Work:

PDP will develop the following four (4) alternative conceptual layouts and opinion of probable costs for designs that provide pedestrian access across the Georgia Northeastern Railroad:

1. A pedestrian bridge over the existing railroad with an ADA compliant ramp and switchbacks (as needed) along the south side of W Main St.
2. A pedestrian bridge over the existing railroad with an ADA compliant ramp and switchbacks (as needed) along the north side of W Main St.
3. A pedestrian bridge over the existing railroad with an elevator as access for the approach east of the existing railroad.
4. An at-grade railroad pedestrian crossing.

For each alternate requiring a pedestrian bridge (Alternates 1, 2, & 3), a structural evaluation will be conducted. This evaluation will consist of review of applicable design criteria, vertical clearance determination of the pedestrian crossing and ramps, constructability review of the crossing and associated ramps, and review of geometric constraints and requirements as they relate to structural components including preliminary substructure locations and feasible ramp profiles.

PDP will evaluate a parking layout for each alternative that provides parking availability on W. Main Street west of Railroad Street. A conceptual drainage layout will also be evaluated, and PDP will develop a one-sheet concept layout that details the proposed work associated with constructing each conceptual alternative. PDP will also provide an opinion of probable for the associated work. All deliverables will be submitted to the City in PDF format.

As an additional service, if requested, a 3D rendering will be developed of the selected pedestrian facility alternate for the purpose of conveying design intent of the proposed structure in additional

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detail. The 3D model will also include limited detail of the surrounding area, such as the general shape of adjacent buildings, to provide context. The team will review the 3D model with the City to establish up to two (2) viewpoints that best represent the project.

Proposed Schedule:

PDP will develop the four (4) high level concepts for each alternate within 12 weeks of NTP. The schedule may be extended due to the coordination and availability with the associated developers and the City.

Proposed Fee:

Services will be invoiced monthly on an hourly basis up to the maximum amount shown below:

Tasks	Fee Proposal
Conceptual Designs & Estimates	\$32,000
Structural Feasibility Support	\$22,000
Sub Total	\$54,000

Additional Services	
3D Rendering (1)	\$16,500
Contingency	\$6,000
Grand Total	\$76,500

The hourly rates will be determined by the consultant's direct costs (base salary rates of consultant personnel), indirect costs rate (per most recent indirect costs audit), and a 10% profit. The 3D Rendering and a contingency amount are shown as Additional Services to cover any unforeseen scope of work not mentioned in this proposal.

Additional Assumptions:

1. All design will be based on the City of Canton's GIS data. No topographic survey is included. Existing and design elevations will be approximate.
2. Other than proposed parking improvements, no impacts to the existing travel way, signing, or pavement markings will be required.
3. Two (2) on-site meetings with developers are included.
4. Neither cross-sections nor drainage profiles will be required.
5. No traffic analysis, environmental investigations, permitting, geotechnical investigations, or structural design will be required. Structural services will be limited to a structural feasibility study.
6. This project is 100% locally funded by the City of Canton. No federal and/or state funds are being utilized in any phase of the project.

PDP has developed this scope of services and fee proposal based on our current understanding of the existing project. Any additional services not included or any changes to the scope or assumptions provided in this proposal may require a supplemental request to complete the project.



Thanks again for the opportunity to provide our proposal for this pedestrian access project! We look forward to continuing our relationship with the City of Canton.

Please let us know if there are any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brad Robinson", is positioned above the printed name.

Brad Robinson, PE
Vice President