

April 17, 2024

Eranildo Lustosa, EI
Engineer II
City of Lawrenceville
70 South Clayton Street | PO Box 2200
Lawrenceville GA 30046

Re: Final Design: Raised Intersection Designs: Pike @ Clayton & Crogan @ Perry
CES# 5754.01

Dear Mr. Lustosa:

Columbia Engineering is pleased to submit our proposal to continue to provide professional design services for the raised intersection projects listed above. Columbia is excited at the prospect of completing our services for the City of Lawrenceville. We are committed to working side by side with you to make this project a success for the city.

PROJECT UNDERSTANDING

The City of Lawrenceville is looking to provide traffic calming within downtown. In order to achieve this goal, the city would like to complete the design of the raised intersections at the two intersections (Pike@Clayton and Crogan@Perry) around the courthouse. The raised intersections are proposed to be concrete framed with areas for pavers included within the intersection for potential future art. Columbia has completed the preliminary design under a separate contract. This proposal will continue that design progression through to permitting.

SCOPE OF WORK

The scope of work will be phased as follows:

- Task 1: Public Outreach
- Task 2: Final Design
- Task 3: Permitting
- Task 4: Bid Assistance
- Task 5: Construction Administration

Task 1:

We will re-start this project by having another kick-off meeting. Prior to this meeting we will re-visit the site to make sure no material changes have occurred at these two intersections. We will also review public records for any projects that may be forthcoming at these intersections. At the kickoff meeting we will review the original goals of the project and confirm that our preliminary drawings met those goals. We will address any comments that the city may have on our preliminary plans that were submitted under the original contract.

Columbia will prepare one digital rendering based on the preliminary design that illustrates one typical intersection as a raised intersection and possible application of an aesthetic treatment of the paver system. The purpose of the rendering will be to generate public interest in the project and provide a visual during public outreach meetings. This proposal assumes participation in two potential public outreach meetings.

The purpose of the rendering is to convey creative design input for a typical raised intersection described as; zero curb pedestrian access at all crosswalk entrances with high-aesthetic paver design in context with City of Lawrenceville Design Standards.

Task 2:

We will collect any questions from the public outreach in task 1 and either incorporate them or explain why they can't be incorporated. Once the drawings are updated and approved by the City, we can start the final design. During the final design we will incorporate the following:

- Cover Sheet,
- General Notes,
- Existing Conditions & Demo Plans,
- Detour Plans,
- Grading/Drainage Plans & Profiles,
- Erosion Control Plans & Details,
- Staging Area,
- Utility Plans,
- Layout Dimensioning Plans,
- Signing & Striping Plans,
- Quantities & Opinion of Probable Construction Cost
- Pavement Detail Plans,
- Details: Pavement, Drainage, etc.
- Prepare Specifications.
- Prepare Bid Form

We will also analyze the impacts to the MS4 system, if any. A 95% set of documents will be submitted to the city for their review and comment. We will address these comments prior to submitting the 100% documents to the city.

Task 3:

We assume that this project will need a land disturbance permit only. A GDOT encroachment permit will not be required. The city will notify GDOT of the project. We will submit the plans to the required agencies and departments in order to permit this project. We will coordinate with the Gwinnett County Traffic Department for all lane closures. We will follow up with the departments and coordinate with the utility companies as necessary.

Task 4: Bid Assistance

Columbia Engineering's involvement in the construction bid phase will include the following services:

- Initial screening of bidder inquiries to ensure that all questions are addressed promptly and accurately,
- Preparation of addenda that may arise during the bidding period,
- Attending pre-bid meetings,
- Review of bids for completeness and accuracy
- Recommendation for contract award is

Throughout the entire process, Columbia Engineering provides essential coordination assistance, facilitating the seamless execution of the construction contract, setting the stage for a successful project outcome. Our expertise not only enhances the efficiency of the bid phase but also contributes to the overall quality and reliability of the construction project.

Task 5: Construction Administration

Columbia will provide the following services:

- Maintain Document Control
- Clarify Construction Documents
- Managing RFI's
- Submittal Review
- Developing Change Orders
- Meeting Minutes/Reports
- Documents Logs, if needed
- Punchlist / Closeout Documentation

ASSUMPTIONS/EXCLUSIONS

The following is assumed:

- No traffic counts, analysis, or traffic reports will be required.
- No pavement coring will be required.
- No acquisition services will be required.
- While plans will generally adhere to the GDOT EDG, it is assumed GDOT plan formatting is not required.
- Standard retaining walls will be utilized (if necessary).
- No ROW or easements are anticipated for the project.

SCHEDULE

Once authorized, the CES team will begin immediately upon receiving a signed contract and notice to proceed. For planning purposes, we anticipate the following schedule:

- **Task 1: Restart & Public Outreach** (Rendering within 4 weeks, remainder of phase as directed by client)
- **Task 2: Final Design** (4 months)
- **Task 3: Permitting** (2 months)
- **Task 4: Bid Assistance** (2 months)
- **Task 5: Construction Administration** (5 months)

BUDGET

The total estimated cost, including sub-consultants and expenses, for providing the services outlined by the scope above is broken down by phase as follows:

Task No.	Task Description	Proposed Fee
1	Restart & Public Outreach	\$6,125.00
2	Final Design	\$88,750.00
3	Permitting	\$7,250.00
4	Bid Assistance	\$ 4,500.00
5	Construction Administration	\$ 24,675.00
TOTAL:		\$131,300.00

These task fees are not to exceed amounts and the work will be billed as lump sum.

Thank you for the opportunity to propose on this project. Feel free to contact me anytime if you have any questions or need additional information:

Randy Strunk, PE: Cell: 502-418-6565 | rstrunk@columbia-engineering.com

Sincerely,

A handwritten signature in blue ink, appearing to read 'Randy Strunk', with a stylized flourish at the end.

Randy Strunk, P.E.
Principal in Charge