



November 27, 2024

City of Lawrenceville
Mr. Eranildo Lustosa Alves Junior, MSc, EI, Engineer II
70 South Clayton Street
Lawrenceville, GA 30046
eranildo.lustosa@lawrencevillega.org

Re: Professional Engineering Services Proposal – Design Services for the Collins Industrial Way Traffic Safety and Operational Improvements

Junior:

Based upon the referenced concept phase completed and your request for proposal, Precision Planning, Inc. (PPI) is pleased to present this proposal for professional engineering services to the City of Lawrenceville (Client) for design services related to proposed traffic safety and operational improvements along Collins Industrial Way. The general scope of the project will include design and construction documents addressing traffics patterns and pedestrian safety concerns along Collins Industrial Way; from Collins Hill Road to the City Limits (approximately 3,700 feet in length).

Roadway improvements shall include an intersection speed table at University Center Lane with pedestrian signals [Rectangular Rapid Flashing Beacons (RRFBs), or High-intensity Activated Cross Walk (HAWK)], the addition of RRFBs or HAWK at two existing raised cross walks, and three new raised cross walks. Also included are sidewalk sections, pavement overlay and striping over the entire length of the road. Additional right-of-way acquisition will be required as necessary at the speed table site.

Drainage systems will be evaluated and improvements will be designed to adequately manage storm water runoff generated by the project. Utility coordination will be required to assess impacts and any required relocations along the project route. Preliminary plans will be prepared in general accordance with the current City guidelines and submitted for review, followed by a Preliminary Field Plan Review (PFPR).

Prior to the beginning of the database preparation phase of the project, parcel owners adjacent to the project will be contacted for right-of-entry. The field survey will then be completed and data base mapping for design will be established. The following is our estimate of professional engineering fees to provide the required services for the Project:

PHASE I	<u>\$27,785.66</u>
----------------	---------------------------

Survey and Database Preparation:

- A. Notify property owners for right-of-entry (approximately 8 properties);
- B. Parcel and right of way record research;
- C. Topographic/Planimetric Survey;
- D. Field run topographic survey including locating property corners, ditches, fences, existing drainage, walls and other above-ground features;
- E. Location of above-ground utilities, including those marked/flagged by 811 Call Center, the City or other utility owner (a private locator can be provided at additional cost to obtain more detailed underground utility information, if necessary);
- F. Establish DTM; and
- G. QC Field Check of Base Map.

ESTIMATED SCHEDULE: Survey & Database Preparation – Four (4) Weeks

PHASE II – University Center Lane Intersection and Pedestrian Crossing Improvements

Preliminary Design: **\$97,274.48**

A. Prepare the following Preliminary Plan Sheets:

- Cover
- Index
- General Notes
- Legend
- Typical Sections
- Roadway Plans (1"=20')
- Roadway Profiles
- Right-of-Way Plans
- Signing and Marking Plans
- Driveway Profiles
- Erosion, Sedimentation and Pollution Control Plans
- Drainage design, storm drain profiles
- Utility Plans (based upon information received from each responding utility owner from above database process)
- Special Grading Plan for University Center Lane intersection
- Construction Staging Plan

B. Establish Construction Limits;

C. Traffic Engineering-pedestrian signal design (up to six HAWK crossing signals);

D. Prepare a Preliminary Opinion of Probable Construction Cost (OPCC);

E. Attend Progress Meetings; and

F. Attend Preliminary Field Plan Review (PFPR).

ESTIMATED SCHEDULE: Preliminary Plan – Seven (7) Weeks

Final Right-of-Way and Final Construction Plans: **\$29,664.12**

A. Right-of-Way and Easement Computations

B. Right-of-Way Plan Preparation

C. Right-of-Way Exhibits and Legal Descriptions (assumed for 4 parcels affected by project)

D. Summary of Quantities Sheets

E. Final Roadway Plan Set Preparation

F. Final Pedestrian Signal and Safety Lighting Plans and details

G. Final Signing and Marking Plan

H. Final Erosion, Sedimentation and Pollution Control Plan

I. Construction Staging Plan

J. Prepare a Final Opinion of Probable Construction Cost

K. Attend Progress Meetings

ESTIMATED SCHEDULE: Final Plan – Three (3) Weeks

COMPENSATION

PPI agrees to perform the services outlined above on an hourly basis, Not to Exceed \$154,724.26, invoicing the Client based on actual man-hours spent according to the attached Schedule of Hourly Rates. Reimbursable expenses are in addition to the above Not-to-Exceed labor charges and will be invoiced up to a Not-to-Exceed maximum of \$515.00 for high resolution color plots. **The Total Not to Exceed amount for services included with this proposal is \$155,239.26.**

Initials: _____

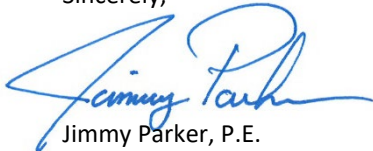
TERMS AND CONDITIONS

For terms and conditions and approved hourly rates between Precision Planning, Inc. and City of Lawrenceville, refer to the Consultant Contract for Architectural and Engineering Consulting Services on an Annual Contract (RP001-21) dated January 8, 2021.

We look forward to your acceptance of this proposal, and greatly appreciate the opportunity to serve the City of Lawrenceville. Should you find this proposal satisfactory, please sign below and return a complete copy to our office along with the associated Purchase Order number.

If you have any questions, please do not hesitate to call us.

Sincerely,



Jimmy Parker, P.E.
Executive Vice President

JP/MEA/kb

G:\DOCUMENT\24\E24-000\City of Lawrenceville\Collins Industrial Way Concept\City of Lawrenceville Collins Industrial Way_Design Proposal.docx

Attachment: Hourly Rate Schedule

Authorization given this _____ day of
_____, 2024

By: _____

Title: _____

Initials: _____

HOURLY RATE SCHEDULE
RP001-21R2 LAWRENCEVILLE
(01/08/2025 - 01/07/2026)

Principal-in-Charge	\$200.25/Hour
Project Manager	\$162.36/Hour
Engineer, Senior	\$146.13/Hour
Engineer.....	\$108.24/Hour
Engineer, Associate	\$92.00/Hour
Architect, Senior	\$162.36/Hour
Architect	\$129.90/Hour
Architect, Associate	\$108.24/Hour
Technician.....	\$70.36/Hour
CADD Technician	\$92.00/Hour
Administrative Support	\$75.78/Hour
Landscape Architect, Senior	\$129.90/Hour
Landscape Architect	\$86.59/Hour
Principal, Surveyor.....	\$162.36/Hour
Senior Surveyor	\$108.24/Hour
Project Surveyor	\$86.59/Hour
Survey Crew.....	\$146.13/Hour
Aerial Survey.....	\$1,294.59/Lump Sum
Mobile Scanner.....	\$957.95/Lump Sum
SUE Crew	\$158.04/Hour
Vacuum Excavation Crew	\$197.00/Hour
Planner, Principal.....	\$140.72/Hour
Planner, Senior	\$129.90/Hour
Planner	\$81.18/Hour
Scientist, Principal	\$156.96/Hour
Scientist, Senior	\$129.90/Hour
Structural Engineer, Senior	\$151.54/Hour
Structural Engineer, Junior	\$129.90/Hour
Mechanical/Plumbing/Fire Protection Engineer, Senior.....	\$151.54/Hour
Mechanical/Plumbing/Fire Protection Engineer, Junior	\$129.90/Hour
Electrical Engineer, Senior	\$151.54/Hour
Electrical Engineer, Junior	\$129.90/Hour
Cost Estimator	\$119.06/Hour
Interior Designer	\$97.42/Hour

Initials: _____