

January 10, 2024

Mr. Tim Callanan, County Manager
Effingham County, Georgia
804 South Laurel Street
Springfield, Georgia 31329

Re: **Old Augusta Road, Rincon, Georgia**
Letter Proposal for Design of Roadway and Intersection Improvements

Dear Tim:

Kimley-Horn and Associates, Inc. (“Kimley-Horn” or “Consultant”) is pleased to offer this letter proposal to Effingham County, Georgia (“County” or “Client”) for providing design services for improvements to the Old Augusta Road corridor in Rincon, Georgia. This letter proposal details our project understanding, proposed scope of services, schedule, and compensation for the design of the roadway improvements.

PROJECT UNDERSTANDING

As discussed in meetings with the County on December 1, 2023 and on December 11, 2023, improvements to the 2.7-mile-long corridor from SR 21/Augusta Road to Chimney Road were recommended as part of the *Old Augusta Road Corridor Study* (Pond & Company, December 2022, “Pond Study”). This proposal includes the design of and development of preliminary plans for select recommendations from the Pond Study as further described in the following sections (“Project”). Final construction plans will be prepared and scoped separately pending available funding and coordination with the County following completion of the Project.

The Project includes the following improvements and intersection control on Old Augusta Road:

1. A divided four-lane facility with a 24-foot-wide raised median from SR 21/Augusta Road to Logistics Parkway (i.e., Becknell Driveway)
2. A restricted crossing U-turn (RCUT) intersection at Newton Court (i.e., LEO at the Sanctuary driveway) to accommodate southbound U-turns
3. A southbound right-turn lane and right-in/right-out (RI/RO) access at the following intersections:
 - a. Park of Commerce Driveway
 - b. Trailer Yard Driveway
4. An RCUT intersection approximately 750 feet south of the proposed North Gate roundabout to accommodate northbound U-turns
5. A four-leg turbo roundabout at General Way, including:
 - a. Two travel lanes on northbound and southbound approaches
 - b. One egress lane and one ingress lane along the eastbound approach
6. A northbound right-turn lane and RI/RO access at the following intersections:
 - a. Exeter Driveway
 - b. Cowan – South Driveway
7. A three-leg turbo roundabout at Estes Express Driveway, including:
 - a. Two travel lanes on northbound and southbound approaches
 - b. Two egress lanes and one ingress lane along Estes Express Driveway
8. A three-leg turbo roundabout at Logistics Parkway, including:
 - a. Two travel lanes on northbound approach
 - b. One travel lane on southbound approach
 - c. Two egress lanes and one ingress lane along Logistics Parkway

9. A minor street stop control at Abercorn Street
10. A northbound right-turn lane and minor-street stop control at the following intersections:
 - a. Cowan – Center Driveway
 - b. Cowan – North Driveway
11. A four-leg single-lane roundabout at Chimney Road/Holly Lane intersection with one ingress lane and one egress lane on all approaches

SCOPE OF SERVICES

Kimley-Horn will provide the following roadway design services (“the Services”) to design the roadway widening and intersection improvements, prepare preliminary construction plans, and develop a preliminary Opinion of Probable Construction Cost (OPCC) for the Project. All submittals will be made electronically in Portable Document Format (PDF) format unless stated otherwise below.

Task 1: Project Management

Kimley-Horn will prepare for and attend one (1) initial coordination meeting with the County to allow for discussion of the design standards, Project approach, schedule, and deliverables. Kimley-Horn will conduct one (1) additional coordination meeting with the County as requested. Kimley-Horn will maintain records of all meetings and will prepare and submit monthly invoices for the anticipated nine-month project duration.

Kimley-Horn will procure a topographical survey and property line database through subconsultant services. As shown in the attached boundary, the database will begin approximately 250 feet south of SR 21/Augusta Road along Trade Center Parkway and will extend to approximately 750 feet north of Chimney Road/Holly Lane along Old Augusta Road. The database will extend approximately 750 feet west of Old Augusta Road along Chimney Road and approximately 550 feet east of Old Augusta Road along Holly Lane. The resulting database will include approximately 92 acres of topographic survey in accordance with Georgia Department of Transportation (GDOT) survey guidelines, requirements, and standards. Kimley-Horn will complete a field review of the survey database and perform a quality control review of the deliverables for general compliance with GDOT survey guidelines.

Task 2: Preliminary Plans

Kimley-Horn will design the intersection and roadway improvements for the Project. Kimley-Horn will prepare roadway design criteria for the County’s acceptance prior to beginning design. The design of the roundabouts will be performed in general accordance with the GDOT *Roundabout Design Guide*. Kimley-Horn will also coordinate with utility owners who will confirm existing utility locations collected with the topographical survey.

Kimley-Horn will develop a Preliminary Plans set for review by the County and will prepare for and attend a Preliminary Plan Review meeting. The Preliminary Plans submittal will include the following in accordance with the GDOT *Plans Preparation Guide*:

- | | |
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| 1. Project Cover | 10. Special Grading Drawings (<i>four roundabouts</i>) |
| 2. Project Index | 11. Drainage Area Map |
| 3. Project Notes and General Notes | 12. Drainage Profiles |
| 4. Typical Sections | 13. Cross Sections |
| 5. Construction Layout Drawings | 14. Utility Plans (<i>design by others</i>) |
| 6. Construction Plans | 15. Lighting Plans (<i>four roundabouts</i>) |
| 7. Mainline Roadway Profiles | 16. Signing & Marking Plans |
| 8. Sideroad Roadway Profiles | 17. Special Construction Details (<i>three BMPs</i>) |
| 9. Driveway Profiles (<i>25 assumed</i>) | 18. Erosion Control BMP Location Details |

As part of the Preliminary Plans submittal, Kimley-Horn will coordinate with a subconsultant to prepare a Stormwater Management Design Plan in general accordance with the County's *Stormwater Management Local Design Manual*. The design of up to three (3) stormwater best management practices (BMPs) is included in this task, and all stormwater systems will be designed to accommodate the 25-year design storm.

Kimley-Horn will develop a preliminary OPCC for review during the Preliminary Plan Review meeting. Kimley-Horn will address one (1) round of consolidated County comments following the Preliminary Plan Review meeting and will update the preliminary plans and OPCC based on comments received.

Task 3: Phasing Support

Kimley-Horn will prepare a draft Project phasing plan and up to three (3) separate phasing OPCCs to assist with the development of an improvement implementation plan along the Old Augusta Road corridor. The OPCCs will also include detailed Right of Way and Utility cost estimates. Kimley-Horn will meet with the County one (1) time to review and finalize the Project phasing plan.

INFORMATION PROVIDED BY CLIENT

Kimley-Horn shall be entitled to rely on the completeness and accuracy of all information provided by the County, the County's consultants, or representatives. The County shall provide all information requested by the Consultant during the project, including, but not limited to:

1. County standards for roads and streets
2. Water and sewer as-built plans
3. Development site plans (CADD and PDF)
4. Development Agreement commitments related to the transportation network
5. Development topographic and wetland surveys (PDF and CADD)
6. *Old Augusta Road Corridor Study* (Pond & Company, December 2022)

SCHEDULE

Kimley-Horn will provide these services as expeditiously as practicable on a mutually agreed milestone schedule to be finalized following execution of this Agreement. A design duration of six (6) months is anticipated following the receipt of the complete survey database.

FEE AND EXPENSES

For Tasks 1 through 3, Kimley-Horn labor fee will be billed on an hourly basis in accordance with the rates shown below. The rates for individual team members may vary, but the following current rates apply to the core team members for this phase of the project:

- Senior Professional II: \$310/hour
- Senior Professional I: \$265/hour
- Professional: \$210/hour
- Senior Technical Support: \$190/hour
- Analyst/Designer: \$140/hour
- Technical Support/Support Staff: \$125/hour

Based on the rates noted above and our understanding of the Project, budgeted amounts for Kimley-Horn's services in Tasks 1 through 3 are as follows:

Task	Description	Fee	Fee Type
1	Project Management	25,300	Hourly NTE
2	Preliminary Plans	427,550	Hourly NTE
3	Phasing Support	22,850	Hourly NTE
	<i>Subtotal (Kimley-Horn only)</i>	\$475,700	Hourly NTE

Kimley-Horn will not exceed the NTE budget without authorization from the County. Fee estimates are for general budgeting purposes only, and the actual fees may be more or less than the estimates. A percentage of labor fee will be added to each invoice to cover certain expenses such as telecommunications, in-house reproduction, postage, supplies, project related computer time, and local mileage. Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn's project number. All permitting, application and similar project fees will be paid directly by the County.

Additionally, Kimley-Horn will coordinate with its subconsultants to perform subconsultant services associated with Task 2 for the Total Lump Sum Fee summarized below:

Description	Fee	Fee Type
Topographic Survey	236,250	Lump Sum
MS4 Analysis and Design	46,550	Lump Sum
<i>Subtotal (Subconsultants)</i>	\$282,800	Lump Sum

Kimley-Horn will not exceed the Total Lump Sum Fee without authorization from the County. Lump sum fees will be invoiced monthly based upon the overall percentage of services performed. Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn's project number. All permitting, application and similar project fees will be paid directly by the County.

ADDITIONAL SERVICES

Any services not specifically provided for in the Services identified above, as well as any changes in the scope requested by the County, will be considered Additional Services and will be negotiated and performed under a separate agreement. The following is a list of some specific services that are not included, but can be provided upon request:

1. Civil/Site Development and design services
2. Subsurface Utility Engineering (SUE) Surveys
3. Environmental studies and permitting, including Ecology, History, Air/Noise, and Archaeology
4. Environmental surveys, including wetland delineations
5. FEMA Floodplain Studies and Analyses
6. Geotechnical Investigations, including Environmental Site Assessments and Soil Surveys
7. Traffic study/model updates, including Intersection Control Evaluations (ICE)
8. External Roundabout Performance Checks and Peer Reviews
9. Georgia Soil and Water Conservation Commission (GSWCC) Permitting, including:
 - a. Erosion Control Cover
 - b. Erosion, Sedimentation, and Pollution Control General Notes
 - c. Erosion Control Legend and Uniform Codes
 - d. Erosion Control Drainage Area Map
 - e. Erosion Control Watershed Map and Site Monitoring
 - f. Erosion Control Construction Details
10. Intersection Sight Distance (ISD) Reports
11. Staging Plans
12. Structural Plans
13. Retaining Wall Envelopes
14. Special Design (non-GDOT Standard) Culverts
15. Landscaping Plans
16. Right of Way Plans

- 17. Utility design
- 18. Final Construction Plans
- 19. Bid Phase Services
- 20. Construction Phase Services
- 21. Public Involvement, including layouts on aerial mosaics

CLOSURE

In addition to the matters set forth herein, our Agreement shall include and be subject to, and only to, the provisions of the "Indefinite Delivery Contract for Professional Engineering & Architectural Services" agreement between the Board of Commissioners of Effingham County, Georgia and Kimley-Horn and Associates, Inc.", dated June 1, 2021 and amended March 7, 2023, the terms which are incorporated by reference. As used in the agreement, "CONSULTANT" or "VENDOR" shall refer to **Kimley-Horn and Associates, Inc.**, and "BOARD" shall refer to the **Board of Commissioners of Effingham County, Georgia.**

If you would like for us to proceed with the services, please have an authorized person sign this Agreement and return to us. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

We appreciate the opportunity to provide these services to you. Please contact me if you have any questions at 912-328-4445 or rhodes.hunt@kimley-horn.com.

Very truly yours,
KIMLEY-HORN



Rhodes Hunt, PE
Project Manager



Chris Marsengill, PE, PTOE
Senior Project Manager

Effingham County, Georgia

SIGNED: _____

PRINTED NAME: _____

TITLE: _____

DATE: _____

Attachment: Topographic Survey Boundary

TOPOGRAPHIC SURVEY BOUNDARY

