

**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 and Possible Action on Task Order 9 to Keck & Wood, Inc for Intersection Upgrade for Railroad Street at Waleska Street in the amount of \$51,000.

Summary:

City staff requested a Task Order proposal from Keck & Wood for the Railroad Street/Waleska Street Intersection for a signal improvement, as documented in the Transportation Master Plan and Downtown Master Plan. It was also an approved project on the TSPLOST project list. This project will include a traffic memo, survey, and traffic signal design.

Budget Implications:Budgeted? ☒ Yes ☐ No ☐ N/ATotal Cost of Project: \$ 51,000.00 Check if Estimated ☐Fund Source: General Fund ☐ Water & Sewer ☐ Sales Tax ☒ Other: TSPLOST, Impact Fees**Staff Recommendations:**

Approval of Task Order 9 to Keck & Wood, Inc for Intersection Upgrade for Railroad Street at Waleska Street in the amount of \$51,000.

Reviews:Has this been reviewed by Management and Legal Counsel, if required? ☐ Yes ☐ No**Attachments:**

Proposal
TO 9

THIS SERVES AS A SUPPLEMENTAL AGREEMENT made as of _____, between the **City of Canton, Georgia, (OWNER)** and **Keck & Wood, Inc.(Consultant)**.

Owner and **Consultant** have previously executed a Professional Services Agreement dated May 1, 2023, that defines general terms under which **Consultant** will furnish General Consulting Engineering Services and Project Engineering Services to **Owner**. **Owner** now wishes to engage **Consultant** to provide services in connection with the Project known as Task Order No. 9 – Intersection Upgrade for Railroad Street at Waleska Street – Professional Engineering Services. The Scope of Services is defined in Attachment A.

The fee for these services will be a Time and Expense Amount as outlined in Exhibit A of the Professional Services Agreement. Payments will be made monthly in accordance with the number of hours worked by the personnel of **the Consultant**. The amount will not exceed amount of fifty-one thousand dollars (\$51,000).

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

Owner:

City of Canton

Bill Grant

Mayor

Title

Signature

Attest:

Annie Fortner, City Clerk

Approved as to form

Robert M. Dyer

City of Canton

Attorney

Consultant:

Keck & Wood, Inc.

By (Typed Name)

Title

Signature

Attest:

ATTACHMENT A



June 9, 2026

Bethany Watson, PE, AICP
City Engineer
City of Canton

Sent via email: bethany.watson@cantonga.gov

Re: Fee Proposal – Professional Engineering Services
Intersection Upgrade for Railroad Street at Waleska Street (Canton, GA)

Dear Ms. Watson:

Please see the proposal for Keck & Wood, Inc. (The “Engineer”) to provide professional engineering services in relation to an intersection upgrade project for the intersection of Railroad Street at Waleska Street in Canton, GA. Keck & Wood (K&W) appreciates this opportunity to provide you with professional engineering services for this project.

Scope of Services

The Engineer will provide the following scope of services:

Traffic Memo:

K&W will develop a traffic memo analyzing the intersection of Railroad Street at Waleska Street. This work will include:

- Reusing previously collected traffic count data
 - The City of Canton will provide this information
- Developing a historical growth rate using GDOT historical count locations near the study area
- Growing previously collected traffic count data to 2026 and designated Opening Year (to be determined by the City of Canton)
- Collecting last five (5) years of crash data (for Traffic Signal Warrant Analysis purposes)
- Evaluating intersection operations for the following scenarios: Existing Year 2026, Opening Year (No-Build), Opening Year (Build)
- Evaluating traffic operations for the AM Peak, Midday Peak, and PM Peak for the scenarios above
- Performing a Traffic Signal Warrant Analysis (TSWA) for one (1) intersection
 - The TSWA will look at 2026 and the proposed Opening Year
- Documenting left turn phasing treatments using appropriate guidance
- Evaluating up to three (3) operational improvement scenarios
 - Previously discussed improvements included: Traffic Signal, Green T, and Roundabout
- Developing concept level cost estimates for up to three (3) scenarios
- Developing a benefit-cost ratio looking at operational improvement
- Compiling information into a Traffic Memo format
- Coordinating with the City of Canton throughout this phase of the project
- Performing QA/QC activities

Assumptions:

- No new traffic counts will be needed
- No detailed crash analysis will be needed at this time
- GDOT is not involved in the review of this intersection
 - No GDOT ICE Analysis documentation will be complete in conjunction with this intersection

Survey & SUE:

The K&W team will collect survey and SUE information needed to complete the intersection upgrade project. This work will include the following:

- Survey:
 - Project Datum – State Plane Coordinate System (Georgia West)
 - Vertical Datum – NAVD 88
 - Project survey control at 2,000-foot intervals
 - Establish property lines based on available tax maps, deeds, and plats
 - Adjoining property owner's names and tax ID number
 - Above ground utilities
 - Visible and accessible storm drain systems with top elevation, inverts, pipe size and material
 - Visible and accessible sanitary sewer manholes with top elevation, inverts, pipe size and material
 - Fire hydrants and visible water valves
 - Gas meters and visible gas valves
 - Phone pedestals
 - Power transformers
 - Medians, islands, edge of pavement, gutter lines, back of curb
 - Marked underground utilities (SUE Level B)
 - Landscaped areas (outlined)
 - Planted or ornamental trees
 - Centerline of creeks or streams and including banks
 - Buildings, lane lines, edge of pavement, curbs, crown of roads, sidewalks, ADA ramps, signs, walls, fences, mailboxes, other obstacles that may interfere with construction
 - Mapped FEMA Floodplain areas
 - Two-foot contour map with Civil3D surface
- SUE:
 - Underground utilities will be located using electromagnetic methods and ground penetrating radar (GPR) to identify metallic utility lines and lines with metallic tracer wire
 - Underground utilities will be marked on site with paint
 - Approximate horizontal location of underground utilities will be provided
 - Evidence of underground utilities will be identified (i.e.: equipment, markers, etc.)

Assumptions:

- Attachment A – Survey Area shows where the information is being collected in relation to the survey
- If additional survey data is required outside of the detailed survey area shown in Attachment A, an add service will be needed.
- The survey will be prepared in conformity with the Technical Standards for Survey in Georgia
- For SUE, potholing is not included for this scope of work
- Non-metallic underground utilities without tracer wire may not be captured
- Exclusions:
 - ALTA/NSPS Land Title Surveys
 - Boundary Surveys
 - Condemnation Surveys
 - Off-site Utility or Storm Drainage Surveys
 - Tree Surveys
 - Subdivision or Combination Platting
 - Sub-surface Exploration
 - Wetlands Delineation or Location
 - Construction Staking
 - Post Construction As-Built Surveying
 - Any other service not specifically included above

Traffic Signal Design:

K&W will develop a traffic signal design for the intersection of Railroad Street at Waleska Street located in Canton, GA. This work will include:

- Incorporating the base file information (see "Survey & SUE" phase above)
- Performing one (1) site visit
- Designing a proposed traffic signal meeting City of Canton and Cherokee County specifications:
 - Traffic signal equipment layout (i.e.: strain poles, pullboxes, vehicle detection, conduit, wiring, etc.)
 - ADA Ramp Design (if necessary)
 - Incorporating appropriate signage
 - Design of overhead street name signs
 - A detailed 10-scale layout showing mast arms, pedestrian poles, and ADA improvements
 - Develop quantities and tables
 - Develop construction cost estimate
- Compiling a Plans Set that includes:
 - Plan Set Coversheet
 - Traffic Signal Design (see above)
 - Traffic Signal General Notes Sheet (as necessary)
 - Applicable GDOT Standards and Detail Drawings
- If wireless communications will be used, this task will incorporate that design
- Documenting necessary left turn and right turn sight distance
- Coordinating with adjacent railroad to setup pre-emption for the proposed traffic signal
- Coordinating with City of Canton
- Performing QA/QC activities

Assumptions:

- A mast arm design is the preferred traffic signal layout type
- A maintenance of Traffic Plan is not included
- If a standalone ATMS/ITS plan is needed for the intersection, an add service will be needed to develop the design and information for this plan sheet.
- GDOT will not be involved in the review or approval of the traffic signal design. No GDOT permitting is needed for this intersection.
- No lane geometry changes or additional lanes will be designed as part of the traffic signal design
- No standalone intersection sight distance submittal package will be developed
- Work will be completed in OpenRoads Designer

Right-of-Way Plan (OPTIONAL):

K&W will develop a proposed Right-of-Way plan for the intersection of Railroad Street at Waleska Street in Canton, GA. This work will include:

- Incorporating the base file information collected as part of the survey phase of the project
- Incorporating the property information collected as part of the survey phase of the project
- Developing a Right-of-Way plan sheet meeting City of Canton and Cherokee County specifications
- Prepare Right-of-Way Tables
- Prepare Right-of-Way Deed Files

Assumptions:

- Up to a maximum of three (3) parcels may be impacted
- One (1) plan sheet will be added to the existing plan set. A separate set of Right-of-Way plans will not be necessary.

Schedule

Traffic Memo:
The first submittal of the Traffic Memo will be completed within four (4) weeks of receiving all necessary traffic counts and receiving notice-to-proceed (NTP). Subsequent resubmittals will be updated and returned in a timely manner based on comments received and coordination with necessary stakeholders.

Survey & SUE:
Survey and SUE will be collected within six (6) weeks after receiving NTP on this phase of the project. Inclement weather and holidays may impact the anticipated schedule.

Traffic Signal Design
The 60% Plans will be submitted to the reviewing agencies within three (3) weeks of receiving NTP and receiving all base survey and SUE files. The Final Plans will be submitted two (2) weeks from receiving comments back from all reviewing agencies on the 60% Plans.

Right-of-Way Plan (OPTIONAL):
The Right-of-Way Plan will be submitted to the reviewing agencies within four (4) weeks of determining Right-of-Way impacts from the Traffic Signal Design plans. Subsequent submittals will be made in a timely manner based on the comments received.

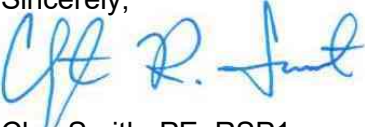
Compensation

Compensation for work performed shall be according to the fees noted. Once per month during the existence of this contract, the Engineer shall submit to the City of Canton an invoice for payment based on percent complete of the work performed for the Project through the invoice period. Should additional services be necessary, we will notify the City of Canton in advance. Our proposed fees are as follows:

Traffic Memo.....	\$13,400 Lump Sum
Survey & SUE.....	\$18,350 Lump Sum
Traffic Signal Design.....	\$19,750 Lump Sum
Grand Total = \$51,500 Lump Sum	

OPTIONAL:
Right-of-Way Plan..... \$4,500 Lump Sum

Any services outside those outlined in this proposal can be performed by Keck & Wood either by a separate proposal or on an hourly basis with compensation as per the attached 2026 Hourly Rates Sheet. If you have any questions or would like additional information, don't hesitate to contact me at 678-617-5821. We appreciate the opportunity to work with you on this project!

Sincerely,

Clay Smith, PE, RSP1
Principal || Vice President

ACCEPTED by City of Canton

This _____ day of _____, 2026.

By: _____

Title: _____

Attachments:
Attachment A – Survey Area
Keck & Wood 2026 Hourly Rates.

ATTACHMENT A – SURVEY AREA



2026 Hourly Rates Sheet

Keck & Wood provides services based on the hourly rate charges for each skill position as follows:

Hourly Rate	Management	Project Management	Engineering	Engineering	Landscape Architecture	Surveying	Surveying	Business Admin.
\$310	Practice Leader SVP Senior Manager							
\$290	Market Leader VP	Project Director						
\$275	Client Services Leader	Senior Project Manager 3	Chief Engineer		Chief Landscape Architect			
\$260	Submarket Leader AVP	Senior Project Manager 2	Senior Engineer 3		Senior Landscape Architect 3			
\$245	Client Service Manager 2	Senior Project Manager 1	Senior Engineer 2		Senior Landscape Architect 2	3-Man Survey Crew		
\$230	Client Service Manager 1	Project Manager 3	Senior Engineer 1		Senior Landscape Architect 1	Survey Manager 3		
\$215		Project Manager 2	Engineer 3		Landscape Architect 3	Survey Manager 2		
\$200		Project Manager 1	Engineer 2	Traffic Signal Technician 3	Landscape Architect 2	Survey Manager 1		
\$185			Staff Professional 4 Engineer 1	Traffic Signal Technician 2	Landscape Professional 4 Landscape Architect 1	2-Man Survey Crew		
\$170			Staff Professional 3	Traffic Signal Technician 1	Landscape Professional 3	2-Man Mapping Crew		
\$155			Staff Professional 2		Landscape Professional 2			
\$145			Staff Professional 1		Landscape Professional 1			
\$125			CAD Technician 3	Field Technician 3		1-Man Survey Crew	Survey Technician 3	Admin. Manager
\$110			CAD Technician 2	Field Technician 2		1-Man Mapping Crew	Survey Technician 2	Admin. Staff 2
\$95			CAD Technician 1	Field Technician 1			Survey Technician 1	Admin. Staff 1
\$90			Intern		Intern	Intern		