



August 23, 2019

Mr. William Banks
City of Franklin, Tennessee
109 3rd Avenue South
Franklin, TN 37064

Re: Church Street Improvements Project
Franklin, Tennessee
CT Engineering Proposal

Dear William:

CT Consultants (CT) appreciates the opportunity to submit the following proposal for professional engineering services for the Church Street Improvements Project located in Franklin, TN. We understand that the City Board of Mayor and Alderman (BOMA) recently discussed this project at the August 13th BOMA Work session as part of the Presentation of Parkview Drainage Study. Further, this project is included in the City's approved Capital Investment Program. The project will involve the replacement of existing City utilities (i.e. water, sanitary sewer and storm sewer), relocation of overhead utilities, replacement of public utilities (i.e. gas, etc.), reconstruction of the Church Street roadway, curbs and sidewalks and the implementation of streetscape elements (i.e. light poles, decorative sidewalks/crosswalks, amenities, etc.) between Columbia Avenue and 1st Avenue South. In response to your request for proposal, we propose the following scope of services.

Survey

No survey work is anticipated or included in our scope of services. It is our understanding that a partial survey has been prepared by the City's on-call surveyor, Civil Infrastructure Associates (CIA), for Church Street between Columbia Avenue and 3rd Avenue South, which is available in AutoCAD format. We further understand that City will work directly with CIA in order to obtain the full survey needed for this project, which will be provided to CT upon completion.

Preliminary Roadway Layout

CT will prepare a preliminary roadway layout plan for Church Street between Columbia Avenue and 1st Avenue South. The proposed improvements will reflect new curbs and gutters, sidewalks, curb ramps and crosswalks. The intent is to provide an ADA compliant sidewalk with a minimum width of 5 feet, understanding that sections may need to be reduced to 4 feet (with a 200' maximum spacing per PROWAG) due to the narrow right-of-way width along Church Street. CT will utilize the survey referenced above as the base map for our drawings. It is our understanding that the City recently paved and re-stripped Church Street to allow for parking on one side of the street. It is the intent to maintain this parking configuration to allow for 11-foot or 12-foot travel lanes if possible. Alternative construction methods can be discussed to allow for all of this work to happen within the limited right-of-way. CT will attend two (2) meetings to review the roadway layout and to discuss the proposed streetscape enhancements. Any additional



August 23, 2019
Mr. William Banks
Page | 2

meetings above this amount will be considered as additional work and will be billed on a time and expense basis.

Concept Renderings

It is our understanding that it is the City's desire to incorporate streetscape elements (i.e. decorative street lights, decorative sidewalks, site amenities, etc.) into the design in a similar manner to what has previously been constructed on the other streets in the downtown area. As such, CT will review the Concept Development Plans previously prepared (by our office, formerly EG&G, Inc.) for the Gateway Corridors and Downtown Connector Streets Project and prepare 3-dimensional concept renderings that will reflect the design intent. Two (2) concept renderings will be prepared.

Functional Utility Plan

CT will prepare a "high-level" functional utility plan for the project area in a format similar to what was previously done for the Columbia Avenue plans. No profiles or details are anticipated or included in this scope of work. CT will utilize the survey referenced above and GIS/utility data that will be provided by the City as the base map for these drawings. No additional utility location research is anticipated nor included in this scope of work. The anticipated utility improvements include new water and sanitary sewer upgrades. It is also our understanding that a new 60"/66" storm sewer system is proposed to help with the Parkview drainage concerns. We understand the proposed storm sewer sizes are based upon recommendations from the Smith Seckman Reid 1995 Parkview Drainage Improvements Study and the Barge Waggoner Sumner & Cannon 2015 Parkview Drainage Study.

The project will also consider the relocation of aerial utilities in to underground duct banks understanding that if there are potential conflicts with other underground utilities (i.e. storm, water, or sanitary sewer, etc.) this may necessitate for them to remain overhead. Although there doesn't appear to be a significant electrical or communication network along the roadway, there are a few aerial crossings at intersections (i.e. at 4th Avenue South) that may need to remain; however, undergrounding of the utilities through the intersection will be considered. Additionally, easement areas for transformers and communication pedestals will also need to be considered. It is our understanding that the City will help coordinate the functional utility plans with MTEMC, AT&T, Comcast, etc. We will attend two (2) meetings to review the functional utility plans with the City and the utility companies. Any additional meetings above this amount will be considered as additional work and will be billed on a time and expense basis.

CT will provide the above described scope of services for a **lump sum fee of \$42,500.00.**

Schedule

CT will work with the City to develop a schedule that will meet the City's needs. However, upon receiving the Notice to Proceed and a copy of the completed survey in AutoCAD format, we anticipate having a DRAFT Preliminary Roadway Layout Plan completed within four (4) weeks for review and comment. Upon



August 23, 2019
Mr. William Banks
Page | 3

receiving comments from the City, we will begin reviewing utility locations for the Functional Utility Plans. We anticipate having a preliminary set of Functional Utility Plans (which incorporate City comments on the Roadway Layout) within four (4) weeks for review and comment. Upon receiving any City and utility company comments, we anticipate being able to finalize the functional utility plans within two (2) weeks. During that time, we will also prepare the Concept Renderings, which are anticipated to be completed within three (3) weeks.

Again, CT is very pleased about the possibility working with the City of Franklin on the Church Street Improvements Project. Please review the proposal and call me at 615-349-4025 or by email at jgolias@ctconsultants.com to discuss any questions you may have. Thank you for considering CT Consultants as your design consultant and we look forward to the opportunity of working with the City of Franklin on the continuation of the revitalization of the corridors within the historic downtown district.

Respectfully,

CT Consultants, Inc.

James G. Golias II, P.E.
Regional Manager

Attachments: Church Street Concept Development Plan from Previous Study
Columbia Avenue Functional Utility Plan Example
Hourly Rates

Church Street from First Avenue to Fifth Avenue





- 5-LANE (WITH ACCESS MANAGEMENT)**
- PRELIMINARY FUNCTIONAL EXHIBIT - 8/20/2018
 - ALIGNMENT AND EXISTING/PROPOSED RIGHT-OF-WAY IS CONCEPTUAL AND SUBJECT TO CHANGE.
 - NOT FOR CONSTRUCTION

CITY OF FRANKLIN
COLUMBIA AVE



SCALE - 1:50



**CT CONSULTANTS, INC.
2019 HOURLY FEE SCHEDULE**

Principal	\$ 208.00
Senior Project Engineer/Architect	\$ 160.00
Project Engineer/Architect	\$ 132.50
Engineer 3/Architect 3	\$ 127.00
Engineer 2/Architect 2	\$ 111.00
Engineer 1/Architect 1	\$ 96.50
Designer 3	\$ 102.00
Designer 2	\$ 84.00
Engineer Intern	\$ 53.50
Word Processing & Office Support	\$ 53.50