



January 22, 2020

Mr. Don Swartz, P.E.
Town Engineer
Town of Nolensville, Tennessee
7218 Nolensville Road
Nolensville, Tennessee 37135

**RE: Professional Services Agreement
Historic District Street Improvement Project
Nolensville, Tennessee**

Dear Mr. Swartz:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "the Consultant") is pleased to submit this letter agreement (the "Agreement") to the Town of Nolensville (the "Client" or the "Town") for professional consulting services for the above referenced project.

SCOPE OF SERVICES

Based on the information provided, we understand that the Town of Nolensville wishes to construct the Historic District Streetscape project along Nolensville Road from Old Clovercroft Road to Stonebrook Boulevard. The project will consist of pedestrian facilities, drainage improvements, parking, access management, pedestrian lighting, Mill Creek crossing, signing, pavement markings, roadway improvements, landscaping and streetscape amenities. The project limits are approximately 2,100 linear feet. The project limits are attached to this agreement as Exhibit A.

The Tennessee Department of Transportation (TDOT) is currently working on a project for Bridge Over Mill Creek along Nolensville Road that falls within the project limits. This TDOT project from approximately Stonebrook Blvd. to approximately 500 feet south of Stonebrook Blvd.

The scope provided below is for Project Coordination, Survey, Preliminary Engineering, TDOT Coordination, NEPA Documentation, and Public Engagement. Upon completion of these tasks we will provide the Town with an amendment to this agreement that will outline the scope and fee for the remaining tasks through the end of design. A final amendment will be submitted for Construction Engineering Inspection.

Our Scope of Services, Fee, and Schedule are as follows:

Task 1 – Project Coordination Services

This task will consist of general project management, administrative, and accounting activities for the project. It will further consist of project status and reviews, conference calls, preparing and distributing

reports and memos, scheduling of review meetings and activities, monthly project status reporting, and discussion of any project issues during the project. In addition, this task will consist of monthly work planning efforts and will comprise the initial schedule development and monthly maintenance of the scope of services and project milestones.

Task 1.1 – Project Meetings

Kimley-Horn will coordinate and facilitate periodic project meetings, up to five, at a location in the Town of Nolensville (to be determined by Town staff) or at the Tennessee Department of Transportation's (TDOT) offices. Each meeting will consist of project status updates, schedule review, and discussion of upcoming milestones for both the project team and Town of Nolensville staff. Kimley-Horn will prepare and distribute both meeting agendas and meeting minutes for each meeting. These meetings are as follows:

- Project Kickoff Meeting
 - The team will facilitate a kick-off meeting with representatives of Town Planning, Engineering, Public Works, Police, and other departments involved with design, development, and operations to review and discuss potential areas of improvement, modification, or additions. At this initial meeting, team members will review the project schedule, coordination procedures, and duties required of both the consultant and Town staff.
- Project kickoff meeting with TDOT Enhancement Office Staff
- Project meeting with TDOT Bridge design team
- Project Status Meeting (following completion of Preliminary Plans)
- Project Status Meeting (in preparation for Public Involvement meeting)

Task 1.2 – Field Evaluation

Kimley-Horn will assemble available data, consisting of the GIS mapping along with map, parcel and owner information provided by the Town or TDOT, FEMA Flood Maps, available aerial photography, and any other information in the possession of the Town which we deem necessary to complete the services described herein. Concurrently, the project team will conduct site visits to review the proposed project, alignment, and improvements and to gain an understanding of the improvements with respect to drainage concerns, Town property, Right of Way, and private property. Kimley-Horn will review the proposed routing and identify locations for drainage improvements, sidewalks, trailheads, and bridge crossing. We will document its findings and suggest alternative route options where environmental or cost concerns may be an issue. Following the site visit, we will coordinate with the surveyors and finalize the survey limits based on our field visit.

Task 2 – Field Survey and Data Collection

Kimley-Horn, through our sub-consultant, will provide land surveying services for the project under the supervision of a Professional Land Surveyor licensed in the State of Tennessee. We will perform the Field Surveying using conventional ground surveying methods, static LiDAR or other acceptable methods as determined by the surveyor and field conditions. All survey information gathered for the

project shall adhere to generally accepted surveying practices and shall be tied to the State Plane Coordinate System using the Tennessee Geodetic Reference Network (TGRN).

We will begin the field surveying services following task 1.2 when the limits have been verified in the field. The survey area will consist of full right of way width plus 10' outside of right of way along Nolensville Road, 100' length of Nolensville Park Road, and Old Clovercroft Road. The survey limits will start just south of Nolensville Park Road / Old Clovercroft Road and run north to approximately 700 feet south of Stonebrook Blvd. The remaining survey area (700' south of Stonebrook to 400' north of Stonebrook Blvd. and 300' east along Stonebrook Blvd.) will be provided by TDOT since this area has already been surveyed. Additional survey area will consist of the area to the east of the Right of Way line and Mill Creek as indicated on Exhibit A. Ragan Smith will incorporate the TDOT survey data into their overall survey deliverable. The TDOT survey and DTM from the Nolen-McCord house to the northern limits will be imported and translated into the final deliverable. We will spot check the northern limits to verify accuracy. Due to the need to tie to the TDOT survey data, the survey will be datum adjusted.

Our team will provide a survey within the corridor locating the topographic features, the physical features, readily available property corners along the right of way (will not perform an extensive search for property corners), visible evidence of utilities along with any markings by TN One Call. This data will consist of existing features, such as edge of pavements, pavement markings, curbs, curb cuts and medians, utilities, top of banks, toe of slopes, grade changes, wood lines, any trees greater than 6 inches in diameter, fences, mailboxes, drainage features (ditches, pipes, structures), right-of-way limits, property lines, property information, and any easements along the proposed trail route. We will establish the right of way lines of Nolensville Road, Old Clovercroft Road and Nolensville Park Road along the property boundaries, any adjacent private property lines and any easements as they may appear on plats of record or other documents provided to us. We will produce a planimetric AutoCAD drawing and a surface model. From the surface model we will produce contours at 1-foot intervals. The drawing will show the information as designated above.

The static LiDAR data will be supplemented by conventional filed survey data in areas where merchandise, planters, etc. might obscure or limit the LiDAR instruments data collections.

In addition to the existing topographic features and property lines, both above and below ground utilities will be located based upon available mapping and as marked by TN One Call. Additionally, we will notify adjacent property owners prior to survey, perform property research, property line and Right of Way establishment, develop the acquisition table, develop the utility owner table, provide property line bearings and distances, develop the DTM and provide necessary labeling on the final drawing.

We will base our horizontal data on the State Plane Coordinate System of 1983 and the vertical data will be based on NVGD 88. This data will be collected under the supervision of a Tennessee Registered Land Surveyor.

In addition, one field visit will be performed by Kimley-Horn staff to review the survey data.

Task 3 – Preliminary Design

Kimley-Horn will prepare preliminary design of the streetscape along the project limits. Project limits for this phase of preliminary engineering shall begin at Nolensville Park Road / Old Clovercroft Road and extend to the southern limits of the TDOT Bridge replacement project (approximately 500' south of Stonebrook Blvd.).

During preliminary design, our team will coordinate with TDOT Design staff, Structures staff and hydraulics staff in an attempt to merge the projects to meet the needs of both the Town and TDOT. The goal of these discussions with TDOT would be to incorporate bicycle and pedestrian facilities onto the bridge section and throughout the 500' of their project limits such that our project facilities can tie into theirs and provide connectivity to Stonebrook Blvd. If TDOT does not agree to accommodate these facilities into their project, then a flood study and pedestrian bridge design will need to be incorporated into final design along with additional length of design. Our team will meet with TDOT twice and attend up to four conference calls regarding this project.

These project limits consist of approximately 1,700 linear feet of combination bicycle lanes and sidewalks. The design will also incorporate elements such as storm drainage improvements, curb and gutter, pedestrian and bicycle buffers, pedestrian crossings, traffic calming, benches, trash receptacles, bike racks, landscaping, trailhead enhancements, signage (trailhead, traffic and pedestrian), and striping along the existing right of way.

Task 3.1 – Preliminary Design (50 Percent Design Submittal)

Preliminary Design plans (approximately 50 percent complete) will be provided to the Client for review and comment. Construction plans will conform to TDOT's current standards, TDOT Multi-modal design guidelines, Public Rights of Way Guidelines (PROWAG) and TDOT's *Roadway Design Guidelines*. The plans will be prepared for a construction cost review stage and will consist of the following preliminary sheets.

- Cover Sheet
- Estimated Quantities sheets
- Right of Way Sheets
- Layout Sheets
- Grading and Drainage Sheets
- Lighting Plan (see scope below in Task 3.3)
- Landscaping Sheets
- Signing and Pavement Marking Plan

Task 3.3 – Preliminary Lighting Design

Kimley-Horn will provide preliminary lighting and photometric design services for the proposed pedestrian facilities within the project limits, approximately 1,600 LF. Kimley-Horn will perform

photometric calculations using AGI-32 software to determine pedestrian light pole locations in accordance with local jurisdictional lighting criteria, if any, and applicable Illuminating Engineering Society of North America (IESNA) criteria for pole spacing and average/maximum/minimum light levels for the proposed pedestrian facilities when possible. Kimley-Horn will model the light output associated with the proposed pedestrian lighting and existing roadway lighting within the public right-of-way within the project limits. The ground light level illuminance calculations will be measured in foot-candles (FC).

Prior to completing photometric analysis, Kimley-Horn will assist the Town with selection of a light fixture and pole combination. Kimley-Horn will recommend up to three light fixture and pole combinations. Kimley-Horn will then prepare the photometric model based on the Town's preferred light fixture type.

Proposed light pole locations will be shown in the 50 percent design submittal as part of Task 3.1.

The following services are not included in this scope but may be performed as additional services:

- Additional photometric modelling for adjacent public street pavement or private property
- Pole foundation design
- Design of electrical service to proposed light poles

Task 3.5 – Preliminary Engineer's Opinion of Probable Construction Cost

Kimley-Horn staff will prepare an engineer's opinion of the probable construction cost to accompany the 50% preliminary design plans. The opinion of probable construction cost will be based on actual bid prices for recent projects which involved similar equipment and construction, to the extent that such information is available. This cost will be based on preliminary construction quantities developed from the preliminary construction plans.

The Consultant has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Consultant at this time and represent only the Consultant's judgment as a design professional familiar with the construction industry. The Consultant cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Kimley-Horn staff will meet with Town officials following the submittal and to review the 50% Preliminary design plans and Engineer's Opinion of Probable Construction Cost. The 50% design plans and engineer's opinion of probable construction cost will be based on Kimley-Horn's recommended trail routing.

Task 4 – NEPA Documentation Preparation

Given the nature of the proposed project, the environmental document is a likely candidate for classification either as a Programmatic Categorical Exclusion (PCE) or as a Documented Categorical Exclusion (D-List CE). This determination can only be made, however, by TDOT in cooperation with the Federal Highway Administration (FHWA).

Kimley-Horn will utilize the project location map and description of the proposed improvements from the Active Transportation Program Grant Application prepared by Nolensville for submittal to TDOT. Based on this information, TDOT and the FHWA will determine the level of documentation and the environmental technical studies required for this project.

Based on the assumption that TDOT and the FHWA will determine that either a PCE or D-List CE is appropriate for this project, Kimley-Horn will prepare the CE document as described in the sub-tasks below in accordance with the Tennessee Environmental Procedures Manual (June 2011 edition) and FHWA guidance as outlined in FHWA Technical Advisory T6640.8A, Guidance for Preparing and Processing Environmental and Section 4(f) Documents as well as TDOT's Local Government Guidelines for the Management of Federal and State-Funded Transportation Projects (March 2018).

One Build Alternative will be studied and will be based on functional plans or on preliminary plans (50 percent complete) as defined on Page 4-5 of TDOT's Local Government Guidelines for the Management of Federal and State-Funded Transportation Projects (March 2018). In addition, the No-Build Alternative will be examined to document what would happen if the proposed project was not constructed and serves as a baseline to compare the Build Alternative against.

Task 4.1 – Develop Purpose and Need Statement

Kimley-Horn will prepare a "Purpose and Need" statement for inclusion in the environmental document. The statement will clearly describe the need that exists for the proposed improvements and will describe the problems that the proposed action is intended to correct.

Task 4.2 – Agency Coordination

Kimley-Horn will prepare and send initial coordination letters to the following federal and state agencies requesting a review of the proposed project's impacts to threatened and endangered species, wetlands, and/or streams. Along with the letter request, Kimley-Horn will prepare an Environmental Technical Study Area Map (ETSA) for distribution to the agencies.

- Tennessee Department of Environment and Conservation (TDEC)
- U.S. Fish and Wildlife Service (USFWS)
- U.S. Army Corps of Engineers (USACE)
- Tennessee Wildlife Resources Agency (TWRA)

Task 4.3 – Conduct Technical Studies

The ETSA, as developed under Task 4.2, will serve as the study area limits for the environmental technical studies outlined below. If further design details or plans become available during preparation of the initial environmental document and the expected right-of-way limits exceed what is presented in the ETSA then the environmental technical studies will need to be updated to reflect the latest design

plans. Updates to the environmental technical studies can be completed in accordance with the Additional Services clause of this agreement.

Task 4.3.1 – Cultural Resources / Section 106 Coordination

As part of the environmental review process, a Section 106 Assessment will be completed. This assessment consists of a review and search of the archaeological and architectural/historical records for the general project area. As part of the Section 106 Assessment, Kimley-Horn will submit the following items to TDOT:

- USGS topographic map of the project area
- Photographs of the site, along with a key map
- Dates of construction for buildings in the project area where this information is readily available.

Following completion of the Section 106 Assessment, Kimley-Horn will submit the assessment to TDOT for approval. TDOT will then submit the Section 106 Assessment to the Tennessee State Historical Preservation Officer (SHPO) requesting a Section 106 review of the proposed project area.

Task 4.3.2 – Archaeology

Kimley-Horn, through the use of a sub-consultant, will be responsible for conducting an archeological study to identify resources that are listed in, or eligible for listing in, the National Register of Historic Places (NRHP) and to identify the effects to such resources, pursuant to 36 CFR 800. All elements of the archaeology task will be conducted in accordance with the TDOT Environmental Division Archaeology Section's Scope of Work.

A Phase I Archaeological Survey will be prepared, using information obtained in a records search and any previously completed studies for this project. The Phase I Archaeological Survey will contain sufficient information to allow an evaluation of whether additional investigations are warranted to determine NRHP eligibility. Our team will prepare the draft report and submit it to the TDOT Environmental Division for review. TDOT will submit the draft report to the Tennessee State Historic Preservation Office (TN-SHPO) for review. Following the receipt of comments, New South Associates will finalize the Phase I Archaeological report, providing copies as specified in the TDOT scope of work for Phase I Archaeological Surveys.

Assumptions:

- No Phase 2 Testing- If required, this work can be completed in accordance with the Additional Services clause of this agreement.
- If a Memorandum of Agreement is needed to confirm agreed upon mitigation measures for the preferred alternative, it will be conducted in accordance with the Additional Services clause of this agreement.
- If Phase III work, data recovery, is necessary, it can be included in accordance with the Additional Services clause of this agreement.

Task 4.3.3 – Native American Consultation

Native American Consultation will be completed by the TDOT Environmental Division, Archaeology Section and incorporated into the environmental document by Kimley-Horn.

Task 4.3.4 – Historic Architecture

Given that the proposed project is within downtown Nolensville and nearby several NRHP listed or potentially eligible buildings, a Historic Architecture Assessment will be required by TDOT and/or the TN-SHPO. Kimley-Horn, through the use of a sub-consultant, will complete the Historic/Architecture Assessment.

Once the Historic Architecture Assessment is complete, the report will be submitted to the TDOT Environmental Division for review and comment. Following approval by TDOT, the report will be submitted to the TN-SHPO for approval. The results of both the Historic/Architectural Assessment as well as a copy of the TN-SHPO letter will be incorporated directly into the environmental document.

Assumptions:

If additional coordination with the TN-SHPO is required or if additional historic architecture documentation is needed past the preparation of the Historic Architecture Assessment previously mentioned, these services can be provided in accordance with the Additional Services clause of this agreement.

Task 4.3.5 – Waters of the U.S. Determination (Streams and Wetlands)

Kimley-Horn, through the use of a sub-consultant, will provide a Waters of the US Determination (i.e. streams and wetlands) for the project area. In performing the jurisdictional determinations, the 1987 Corps of Engineers Wetlands Delineation Manual and the 2012 Regional Supplement: Eastern Mountains and Piedmont Region, Version 2.0, will be closely followed to establish a description of the soils, plants and hydrologic conditions of the site.

Our team will perform the following tasks:

1. Using the 1987 Corps of Engineers Wetland Delineation Manual and the 2012 Regional Supplement: Eastern Mountains and Piedmont Region, Version 2.0 delineate potential wetlands located in the proposed site.
2. Complete the Corps of Engineers Wetland Data Forms for each wetland/upland sampling site.
3. Using a Trimble® GeoXT GPS Unit, map the wetland boundaries (if present) to determine area, and log lat/long of each soil pit along with hue, value and chroma of the soil using a standard Munsell® Color Chart.
4. Complete the Rapid Bioassessment Protocols for Use in Streams and Wadeable Rivers Habitat Assessment Forms, which the Corps currently uses to determine mitigation ratios.
5. Submit wet weather conveyance and stream determinations as a Qualified Hydrologic Professional to TDEC.

6. Prepare a summary report describing the findings that includes the routine wetland determination data forms, Hydrologic Determination forms, Habitat Assessment forms, a photo summary, and delineation map.

Task 4.3.6 – Endangered Species

Kimley-Horn, through the use of a sub-consultant, will perform initial consultation with the Tennessee Department of Environment and Conservation, Division of Natural Heritage (DNH), to identify the likelihood of presence of threatened or endangered species along the proposed corridor and whether the project would adversely affect listed species or designated critical habitat.

Assumptions:

No individual plant or animal species surveys will be conducted as part of this proposed scope of services and fee estimate. If the Client, TDOT or another state and/or federal agency, requests a species survey, this work can be completed by Kimley-Horn in accordance with Additional Services clause of this agreement.

Task 4.3.7 – Hazardous Materials

Kimley-Horn will complete a desktop review of available hazardous materials databases to determine whether the proposed project area has the potential to contain hazardous materials that may be impacted by the project.

Hazardous materials databases to be reviewed include the Underground Storage Tank (UST) Data and Reports database provided by TDEC, the “EnviroMapper” database maintained by the Environmental Protection Agency (EPA), and the Public Data Viewer maintained by the TDEC Division of Water Resources.

Kimley-Horn will submit a summary of the desktop review to the TDOT Environmental Division as part of the initial coordination efforts. Based on the data provided, the TDOT Hazardous Materials Section will recommend whether additional studies may be necessary.

Assumptions:

If additional studies such as a Phase I or Phase II Environmental Site Assessment are required, these services can be provided by Kimley-Horn in accordance with Additional Services clause of this agreement.

Task 4.3.8 – Noise Impacts

Given the current scope of work, this project is understood to classify as a Type III project under FHWA and TDOT guidelines. Type III projects do not require a noise analysis.

Kimley-Horn will coordinate with the TDOT Environmental Division for appropriate language to be included in the environmental document. If TDOT or any other agency determines additional noise analysis are required for this project, these services can be provided by Kimley-Horn in accordance with Additional Services clause of this agreement.

Task 4.3.9 – Air Quality

TDOT's Environmental Division will be responsible for updating the air quality analysis to meet the requirements of the Clean Air Act Amendment and TDOT's Air Quality Evaluation Policy. The air quality analysis will be updated to determine and compare the potential impacts of the project's alternatives on regional and local air quality.

TDOT will provide the results of the air quality analysis to Kimley-Horn and Kimley-Horn will incorporate TDOT's findings into the environmental document. If TDOT or any other agency determines that an air quality analysis is required for this project, these services can be provided by Kimley-Horn in accordance with Additional Services clause of this agreement.

Task 4.3.10 – Relocation Impacts

No business, residential or non-profit organization displacements are anticipated with the construction of the proposed project. If a relocation study is deemed necessary for this project, this service can be provided by Kimley-Horn in accordance with Additional Services clause of this agreement.

Task 4.3.11 – Farmland

It is assumed that coordination with the Natural Resource and Conservation Service (NRCS) will not be required for this project. If farmland resources are identified and coordination with the NRCS is deemed necessary by TDOT, these services can be provided by Kimley-Horn in accordance with Additional Services clause of this agreement.

Task 4.3.12 – Section 4(f) Historic Resource

A Section 4(f) protected resource, the NRHP listed Nolensville Bank, is within the project area. If the project is determined to have Section 4(f) impacts on the Nolensville Bank, a Section 4(f) De minimis Determination will be prepared and submitted to TDOT as well as the TN-SHPO for final review and approval.

In order to make a Section 4(f) De Minimis Determination, the following steps would occur for a historic site:

1. Section 106 finding of "No Historic Properties Affected" or "No adverse effect".
2. Inform the Official with Jurisdiction (OWJ) of intent to use Section 106 finding to make De Minimis impact determination.
3. Consulting party consultation
4. Obtain OWJ written concurrence on Section 106 finding.

Assumptions:

- A Section 106 finding of "No Historic Properties Affected" or "No adverse effect" from TN-SHPO is anticipated for this project. If TDOT, FHWA or the Official with Jurisdiction request the preparation of either a Programmatic Section 4(f) Evaluation or an

Individual Section 4(f) Evaluation, an addendum to this scope of services and fee estimate will be required.

Task 4.3.14 – Parks and Recreational Resources / Section 6(f) Impacts

It is not anticipated that the proposed project will acquire any right-of-way or easements from a Section 6(f) resource. If a Section 6(f) evaluation is deemed necessary by TDOT or any other agency, these services can be provided by Kimley-Horn in accordance with Additional Services clause of this agreement.

Task 4.3.15 – Environmental Justice

An Environmental Justice (EJ) evaluation will be undertaken in conformance with Executive Order 12898 and FHWA Order 6640.23 (December 2, 1998). The analysis will consider the composition of the affected area, to determine whether minority or low-income populations are present in the area affected by the proposed action, and if so whether there may be disproportionately high and adverse human health or environmental effects on minority and low-income populations.

Baseline data will be collected for low income and minority populations using U.S. Census data. The data will include race, color, national origin, age and level of income of overall population, as well as the existence of any minority or low-income populations or communities. Potential areas of EJ populations will be displayed on GIS mapping.

The EJ analysis will be limited to desk-top research only. No field work will be completed. If a disproportionately high and adverse effect on a low-income population or minority population is revealed, the analysis will show how the effects are distributed within the affected community. If potential mitigation measures or potential community outreach efforts are identified, these services can be provided by Kimley-Horn in accordance with Additional Services clause of this agreement. The EJ analysis will be incorporated directly into the environmental document.

Task 4.3.16 – Floodplains

Floodplains and floodways in the project area will be identified, as part of the environmental screening, through the review of National Flood Insurance Rate Maps (FIRMs). This information will be included as part of the environmental document including the preparation of a FIRM map specific for the project area.

Task 4.4 – Categorical Exclusion Document Preparation and Approval

The purpose of this task is to develop the CE documentation, consistent with the requirements of the FHWA Technical Advisory T6640.8A, Guidance for Preparing and Processing Environmental and Section 4(f) Documents, the TDOT Environmental Procedures Manual (June 2011 edition), and the TDOT's Local Government Guidelines for the Management of Federal and State-Funded Transportation Projects (March 2018).

Kimley-Horn will incorporate the Purpose and Need, a project description and results of the environmental technical studies into the environmental document. As a part of the environmental documentation, tables and figures will be developed to illustrate and explain the project area characteristics, alternatives, location of impacts and comparison of impacts.

Following completion of the document by Kimley-Horn, the environmental document will be submitted to the Town of Nolensville for review and comment. Kimley-Horn will then revise the environmental document based on the Nolensville's comments. Once Nolensville approves the environmental document, the document will be submitted to the TDOT Environmental Division/FHWA for initial review and subsequent approval.

Deliverables:

1. Copy of all correspondence and submittals to various regulatory agencies (electronic copy in Adobe PDF format)
2. Waters of the US Determination (electronic copy in Adobe PDF format)
3. Architectural Survey/Section 106 Assessment of Effects (4 hard copies, electronic copy in Adobe PDF format)
4. Phase I Archaeological Survey (4 hard copies, electronic copy in Adobe PDF format)
5. Section 4(f) De Minimis Determination (Two separate Determinations for Preservation Park and the Civil War Battle Site at Nolensville) (4 hard copies of each Section 4(f) Determination, electronic copy in Adobe PDF format)
6. Draft Categorical Exclusion document for the Town of Nolensville's review (electronic copy in Adobe PDF format)
7. Draft Categorical Exclusion document for TDOT/FHWA review (electronic copy in Adobe PDF format)
8. Final Categorical Exclusion document for TDOT/FHWA review and approval (electronic copy in Adobe PDF format)

Task 5 – Public Involvement

Kimley-Horn will coordinate with Town staff to collect, review and analyze any information or feedback that was gathered during prior public meetings or discussions in preparation for the grant application for this project. We will utilize this prior information as a basis for our preliminary design.

We will then organize and facilitate one (1) public meeting at a date and location to be determined by a combination of Town staff and Kimley-Horn. This meeting will be held once we have a level of preliminary design that can show the public a general idea of what we plan to build. The meeting will be up to four hours total through a combination of a project specific public meeting and also a booth at an event within the Town. The intent of the meeting will be to gather feedback from the general public and area neighborhood associations to receive input regarding alignment, site furnishings and connections. Kimley-Horn will prepare an agenda, presentation, graphics, and document a summary of the meeting and feedback we receive.

Kimley-Horn will present the preliminary plans and the results of the public meeting at a Town Board of Mayor and Alderman (BOMA) meeting.

Should additional meetings be required beyond what is listed in this task, effort associated with those meetings / coordination will be considered Additional Services as described in Task 6.

Following the completion of Tasks 1 – 5, Kimley-Horn will submit an amendment to this letter agreement for the Phase 2 scope of services consisting of the following tasks:

- Final Design
- TDOT and Town submittals and approvals
- TDEC and ACOE permitting
- Bidding Phase Services

Task 6 – Additional Services

Any services not specifically provided for in the above scope, as well as any changes in the scope the Client requests, will be considered Additional Services and will be performed at our then current hourly rates. Additional Services Kimley-Horn can provide include, but are not limited to, the following:

- Final Design
- Extension of project limits
- Permitting
- Structural bridge design
- No-Rise Flood Study
- FEMA Letter of Map Revision (LOMR) or Certified Letter of Map Revision (CLOMR)
- Additional environmental technical studies outside of those describe above
- Additional environmental documentation beyond the D-list Categorical Exclusion document
- Additional survey data
- Mill Creek Cross section survey
- Re-survey of TDOT survey limits due to inaccuracy
- Utility Relocation Plans
 - Right of Way Services consisting of:
 - Property Acquisition
 - Easement Acquisition
 - Appraisals
 - Surveys and legal descriptions for land transfer
 - Property negotiations
 - Property Closing services
- Environmental Permits
- Bid phase and pre-construction services
- Multiple phased design

- Attendance at review meetings and / or public hearings
- Construction Engineering Inspection Services consisting of:
 - Pre-construction Conference
 - Progress Meetings
 - Utility Coordination
 - Change Orders
 - Shop Drawings/Submittals
 - Testing
 - Progress Payments
 - Inspection
 - Payrolls
 - Final Records
- Others as requested by the Town

INFORMATION PROVIDED BY CLIENT

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

- Existing GIS and/or digital photography data for the project area
- Existing plans for the sidewalk connecting to or adjacent to the proposed site
- Any as-built survey information within the project limits

SCHEDULE

We will provide our services as expeditiously as practical. Once a designated route for the alignment is determined, our team is prepared to provide the field survey within eight weeks following the completion of Task 1. The remaining schedule will be modified as needed to meet a mutually agreed upon schedule.

FEE AND BILLING

Kimley-Horn will perform the services described in Tasks 1 through 5 for the total lump sum fee below. Individual task amounts are for informational only. All permitting, application, and similar project fees will be paid directly by the Client.

Task 1 – Project Coordination Services	\$13,700
Task 2 – Field Survey and Data Collection	\$35,800
Task 3 – Preliminary Design	\$55,200
Task 4 – NEPA Documentation	\$40,000
Task 5 – Public Involvement	\$10,000
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Total \$154,700	

Individual task amounts are provided for budgeting purposes only. Kimley-Horn reserves the right to reallocate amounts among tasks as necessary (as allowed by the TDOT Local Government Guidelines for the Management of Federal and State Funded Transportation Projects).

Kimley-Horn will perform the services described in Task 6 (Additional Services) of the Scope of Services on a labor fee plus expense basis. Effort associated with Task 6 will not be performed without authorization from you.

Fees and expenses will be invoiced monthly based, as applicable, upon the percentage of services performed or actual services performed and expenses incurred as of the invoice date. Payment will be due within 25 days of your receipt of the invoice.

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CLOSURE

In addition to the matters set forth herein, our Agreement shall include and be subject to, and only to, the attached Standard Provisions, which are incorporated by reference. As used in the Standard Provisions, "Consultant" shall refer to Kimley-Horn and Associates, Inc., and "Client" shall refer to **Town of Nolensville, Tennessee.**

Kimley-Horn, in an effort to expedite invoices and reduce paper waste, submits invoices via email in an Adobe PDF format. We can also provide a paper copy via regular mail if requested. Please include the invoice number and Kimley-Horn project number with all payments. Please provide the following information:

_____ Please email all invoices to _____

_____ Please copy _____

If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute both copies of this Agreement in the spaces provided below, retain one copy, and return the other to us. We will commence services only after we have received a fully-executed agreement. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

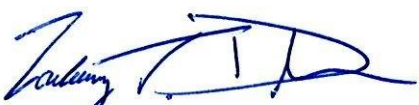
To ensure proper set up of your projects so that we can get started, please complete and return with the signed copy of this Agreement the attached Request for Information. Failure to supply this information could result in delay in starting work on your project.

< < < This Section Left Intentionally Blank > > >

We appreciate the opportunity to provide these services to you. Please contact us if you have any questions.

Sincerely,

Kimley-Horn AND ASSOCIATES, INC.



Zachary J. Dufour, P.E.
Project Manager

Attachment – Standard Provisions

Agreed to this _____ day of _____, 2019.

Nolensville, Tennessee
A Town Government

By: _____

(Date)

(Print or Type Name)

Title: _____

(Member or Manager, as authorized)

(Email Address)

_____, Witness

(Print or Type Name)

**Kimley-Horn AND ASSOCIATES, INC.
STANDARD PROVISIONS**

(1) **Consultant's Scope of Services and Additional Services.** The Consultant will perform only the services specifically described in this Agreement. If requested by the Client and agreed to by the Consultant, the Consultant will perform Additional Services, which shall be governed by these provisions. Unless otherwise agreed to in writing, the Client shall pay the Consultant for any Additional Services an amount based upon the Consultant's then-current hourly rates plus an amount to cover certain direct expenses including telecommunications, in-house reproduction, postage, supplies, project related computer time, and local mileage. Other direct expenses will be billed at 1.15 times cost.

(2) **Client's Responsibilities.** In addition to other responsibilities herein or imposed by law, the Client shall:

- (a) Designate in writing a person to act as its representative, such person having complete authority to transmit instructions, receive information, and make or interpret the Client's decisions.
- (b) Provide all information and criteria as to the Client's requirements, objectives, and expectations for the project and all standards of development, design, or construction.
- (c) Provide the Consultant all available studies, plans, or other documents pertaining to the project, such as surveys, engineering data, environmental information, etc., all of which the Consultant may rely upon.
- (d) Arrange for access to the site and other property as required for the Consultant to provide its services.
- (e) Review all documents or reports presented by the Consultant and communicate decisions pertaining thereto within a reasonable time so as not to delay the Consultant.
- (f) Furnish approvals and permits from governmental authorities having jurisdiction over the project and approvals and consents from other parties as may be necessary.
- (g) Obtain any independent accounting, legal, insurance, cost estimating and feasibility services required by Client.
- (h) Give prompt written notice to the Consultant whenever the Client becomes aware of any development that affects the Consultant's services or any defect or noncompliance in any aspect of the project.

(3) **Period of Services.** Unless otherwise stated herein, the Consultant will begin work after receipt of a properly executed copy of this Agreement. This Agreement assumes conditions permitting continuous and orderly progress through completion of the services. Times for performance shall be extended as necessary for delays or suspensions due to circumstances that the Consultant does not control. If such delay or suspension extends for more than six months, Consultant's compensation shall be renegotiated.

(4) **Method of Payment.** Client shall pay Consultant as follows:

- (a) Invoices will be submitted periodically for services performed and expenses incurred. Payment of each invoice will be due within 25 days of receipt. The Client shall also pay any applicable sales tax. All retainers will be held by the Consultant and applied against the final invoice. Interest will be added to accounts not paid within 25 days at the maximum rate allowed by law. If the Client fails to make any payment due under this or any other agreement within 30 days after the Consultant's transmittal of its invoice, the Consultant may, after giving notice to the Client, suspend services and withhold deliverables until all amounts due are paid.
- (b) If the Client relies on payment or proceeds from a third party to pay Consultant and Client does not pay Consultant's invoice within 60 days of receipt, Consultant may communicate directly with such third party to secure payment.
- (c) If the Client objects to an invoice, it must advise the Consultant in writing giving its reasons within 14 days of receipt of the invoice or the Client's objections will be waived, and the invoice shall conclusively be deemed due and owing. If the Client objects to only a portion of the invoice, payment for all other portions remains due within 25 days of receipt.
- (d) If the Consultant initiates legal proceedings to collect payment, it may recover, in addition to all amounts due, its reasonable attorneys' fees, reasonable experts' fees, and other expenses related to the proceedings. Such expenses shall include the cost, at the Consultant's normal hourly billing rates, of the time devoted to such proceedings by its employees.
- (e) The Client agrees that the payment to the Consultant is not subject to any contingency or condition. The Consultant may negotiate payment of any check tendered by the Client, even if the words "in full satisfaction" or words intended to have similar effect appear on the check without such negotiation being an accord and

satisfaction of any disputed debt and without prejudicing any right of the Consultant to collect additional amounts from the Client.

(5) **Use of Documents.** All documents and data prepared by the Consultant are related exclusively to the services described in this Agreement, and may be used only if the Client has satisfied all of its obligations under this Agreement. They are not intended or represented to be suitable for use or reuse by the Client or others on extensions of this project or on any other project. Any modifications by the Client to any of the Consultant's documents, or any reuse of the documents without written authorization by the Consultant will be at the Client's sole risk and without liability to the Consultant, and the Client shall indemnify, defend and hold the Consultant harmless from all claims, damages, losses and expenses, including but not limited to attorneys' fees, resulting therefrom. The Consultant's electronic files and source code remain the property of the Consultant and shall be provided to the Client only if expressly provided for in this Agreement. Any electronic files not containing an electronic seal are provided only for the convenience of the Client, and use of them is at the Client's sole risk. In the case of any defects in the electronic files or any discrepancies between them and the hardcopy of the documents prepared by the Consultant, the hardcopy shall govern.

(6) **Opinions of Cost.** Because the Consultant does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to the costs of construction and materials, are made solely based on its judgment as a professional familiar with the industry. The Consultant cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost. If the Client wishes greater assurance as to the amount of any cost, it shall employ an independent cost estimator. Consultant's services required to bring costs within any limitation established by the Client will be paid for as Additional Services.

(7) **Termination.** The obligation to provide further services under this Agreement may be terminated by either party upon seven days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof, or upon thirty days' written notice for the convenience of the terminating party. The Consultant shall be paid for all services rendered and expenses incurred to the effective date of termination, and other reasonable expenses incurred by the Consultant as a result of such termination.

(8) **Standard of Care.** The standard of care applicable to Consultant's services will be the degree of care and skill ordinarily exercised by consultants performing the same or similar services in the same locality at the time the services are provided. No warranty, express or implied, is made or intended by the Consultant's performance of services, and it is agreed that the Consultant is not a fiduciary with respect to the Client.

(9) **LIMITATION OF LIABILITY.** In recognition of the relative risks and benefits of the Project to the Client and the Consultant, the risks are allocated such that, to the fullest extent allowed by law, and notwithstanding any other provisions of this Agreement or the existence of applicable insurance coverage, that the total liability, in the aggregate, of the Consultant and the Consultant's officers, directors, employees, agents, and subconsultants to the Client or to anyone claiming by, through or under the Client, for any and all claims, losses, costs or damages whatsoever arising out of or in any way related to the services under this Agreement from any causes, including but not limited to, the negligence, professional errors or omissions, strict liability or breach of contract or any warranty, express or implied, of the Consultant or the Consultant's officers, directors, employees, agents, and subconsultants, shall not exceed twice the total compensation received by the Consultant under this Agreement or \$50,000, whichever is greater. Higher limits of liability may be negotiated for additional fee. This Section 9 is intended solely to limit the remedies available to the Client or those claiming by or through the Client, and nothing in this Section 9 shall require the Client to indemnify the Consultant.

(10) **Mutual Waiver of Consequential Damages.** In no event shall either party be liable to the other for any consequential, incidental, punitive, or indirect damages including but not limited to loss of income or loss of profits.

(11) **Construction Costs.** Under no circumstances shall the Consultant be liable for extra costs or other consequences due to unknown conditions or related to the failure of contractors to perform work in accordance with the plans and specifications. Consultant shall have no liability whatsoever for any costs arising out of the

Client's decision to obtain bids or proceed with construction before the Consultant has issued final, fully-approved plans and specifications. The Client acknowledges that all preliminary plans are subject to substantial revision until plans are fully approved and all permits obtained.

(12) **Certifications.** The Consultant shall not be required to execute certifications or third-party reliance letters that are inaccurate, that relate to facts of which the Consultant does not have actual knowledge, or that would cause the Consultant to violate applicable rules of professional responsibility.

(13) **Dispute Resolution.** All claims by the Client arising out of this Agreement or its breach shall be submitted first to mediation in accordance with the American Arbitration Association as a condition precedent to litigation. Any mediation or civil action by Client must be commenced within one year of the accrual of the cause of action asserted but in no event later than allowed by applicable statutes.

(14) **Hazardous Substances and Conditions.** Consultant shall not be a custodian, transporter, handler, arranger, contractor, or remediator with respect to hazardous substances and conditions. Consultant's services will be limited to analysis, recommendations, and reporting, including, when agreed to, plans and specifications for isolation, removal, or remediation. The Consultant will notify the Client of unanticipated hazardous substances or conditions of which the Consultant actually becomes aware. The Consultant may stop affected portions of its services until the hazardous substance or condition is eliminated.

(15) **Construction Phase Services.**

(a) If the Consultant prepares construction documents and the Consultant is not retained to make periodic site visits, the Client assumes all responsibility for interpretation of the documents and for construction observation, and the Client waives any claims against the Consultant in any way connected thereto.

(b) The Consultant shall have no responsibility for any contractor's means, methods, techniques, equipment choice and usage, sequence, schedule, safety programs, or safety practices, nor shall Consultant have any authority or responsibility to stop or direct the work of any contractor. The Consultant's visits will be for the purpose of endeavoring to provide the Client a greater degree of confidence that the completed work of its contractors will generally conform to the construction documents prepared by the Consultant. Consultant neither guarantees the performance of contractors, nor assumes responsibility for any contractor's failure to perform its work in accordance with the contract documents.

(c) The Consultant is not responsible for any duties assigned to it in the construction contract that are not expressly provided for in this Agreement. The Client agrees that each contract with any contractor shall state that the contractor shall be solely responsible for job site safety and its means and methods; that the contractor shall indemnify the Client and the Consultant for all claims and liability arising out of job site accidents; and that the Client and the Consultant shall be made additional insureds under the contractor's general liability insurance policy.

(16) **No Third-Party Beneficiaries; Assignment and Subcontracting.** This Agreement gives no rights or benefits to anyone other than the Client and the Consultant, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole benefit of the Client and the Consultant. The Client shall not assign or transfer any rights under or interest in this Agreement, or any claim arising out of the performance of services by Consultant, without the written consent of the Consultant. The Consultant reserves the right to augment its staff with subconsultants as it deems appropriate due to project logistics, schedules, or market conditions. If the Consultant exercises this right, the Consultant will maintain the agreed-upon billing rates for services identified in the contract, regardless of whether the services are provided by in-house employees, contract employees, or independent subconsultants.

(17) **Confidentiality.** The Client consents to the use and dissemination by the Consultant of photographs of the project and to the use by the Consultant of facts, data and information obtained by the Consultant in the performance of its services. If, however, any facts, data or information are specifically identified in writing by the Client as confidential, the Consultant shall use reasonable care to maintain the confidentiality of that material.

(18) **Miscellaneous Provisions.** This Agreement is to be governed by the law of the State where the Project is located. This Agreement contains the entire and fully integrated agreement between the parties and supersedes

all prior and contemporaneous negotiations, representations, agreements or understandings, whether written or oral. Except as provided in Section 1, this Agreement can be supplemented or amended only by a written document executed by both parties. Any conflicting or additional terms on any purchase order issued by the Client shall be void and are hereby expressly rejected by the Consultant. Any provision in this Agreement that is unenforceable shall be ineffective to the extent of such unenforceability without invalidating the remaining provisions. The non-enforcement of any provision by either party shall not constitute a waiver of that provision nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

DRAFT

TDOT SURVEY NOTE:

- TDOT HAS SURVEYED THE NORTH PORTION OF THE PROJECT LIMITS
- RSA WILL INCORPORATE THE TDOT SURVEY DATA INTO THE DELIVERABLE

NORTH PORTION TO BE INCORPORATED BY RSA FROM TDOT MICROSTATION SURVEY DATA (WITH SOME RSA FIELD CHECKS)

TDOT SURVEY DATA LIMIT LINE (NOLEN MCCORD HOUSE)

ADDITIONAL AREA #1

SIDEROADS:

- 100' BEYOND NOLENSVILLE ROAD
- ROW WIDTH PLUS 10'

NO FLOOD PLAIN SECTIONS, BRIDGE SKETCHES, STREAM PROFILES WILL INCLUDED IN THE RSA SCOPE

MAINLINE FULL LIMITS:

- 100' BEYOND STONEBROOK AND OLD CLOVERCROFT ROAD
- ROW WIDTH PLUS 10' EACH SIDE PLUS ADDITIONAL AREA #1 AS SHOWN

SOUTH PORTION TO BE FIELD RUN SURVEY BY RSA

**FIGURE 1 - SURVEY LIMITS EXHIBIT
NOLENSVILLE HISTORIC DISTRICT
01/17/2020**

