

**WORK ASSIGNMENT NO. 230446
TO COUNTY CONTRACT NO. 2020-038**

This Work Assignment is made and entered into upon execution by both parties by and between **Sarasota County**, a political subdivision of the State of Florida, hereinafter referred to as the "**County**," and **Kimley-Horn and Associates, Inc.**, a North Carolina corporation authorized to do business in the State of Florida, hereinafter referred to as "**Consultant**."

WITNESSETH

WHEREAS, the County and the Consultant entered into County Contract No. 2020-038 ("Agreement") for continuing professional services related to transportation and stormwater engineering services, effective November 5, 2019; and

WHEREAS, the Agreement provides that the County may authorize the Contractor by Work Assignment to perform services.

NOW THEREFORE, the County and the Contractor, in consideration of the mutual covenants contained herein, do agree as follows:


1. The above recitals are true and correct and incorporated herein by reference.
2. The Consultant shall provide all labor, services, and materials as set forth in Exhibit A – Scope of Work, attached hereto and incorporated herein. Consultant shall not begin work under this Work Assignment until a Purchase Order is issued.
3. Products and services shall be delivered in accordance with Exhibit B – Project Schedule, attached hereto and incorporated herein.
4. The Consultant shall be paid an amount not to exceed \$440,267.00 in accordance with the Fee Schedule, as set forth in Exhibit C, attached hereto and incorporated herein.
5. The Consultant's Key Personnel as used in this Work Assignment shall mean those individuals identified in Exhibit D - Key Personnel.
6. To the extent possible, the Agreement, this Work Assignment, and the corresponding Purchase Order shall be interpreted as a whole. In the event of any inconsistencies among these documents, precedence shall be given in the following order:
 - a. Agreement
 - b. Work Assignment
 - c. Purchase Order

7. Except as modified herein, all other terms, covenants, and conditions of the Agreement shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties have executed this Work Assignment as of the last date written below.

KIMLEY-HORN AND ASSOCIATES, INC.

BY: DocuSigned by:

6FDEEADCAA954A1
Vice President
01-15-2024

SARASOTA COUNTY

BOARD OF COUNTY COMMISSIONERS
OF SARASOTA COUNTY, FLORIDA

BY:

*Jonathan R. Lewis,
County Administrator*

*Delegated pursuant to motion of the Board of
County Commissioners at a Board Meeting*

Approved as to form and correctness:

BY: _____
COUNTY ATTORNEY 

EXHIBIT A SCOPE OF SERVICES MULTIMODAL TRAIL CONNECTION DESIGN

1.0 General Overview

This Exhibit A describes the scope of work and the responsibilities of the Consultant and the County for the design, permitting, and preparation of a completed set of construction contract documents and incidental engineering services, as necessary, and bidding and construction phase post-design services for improvements to the transportation facility described herein.

1.1. Project Description

The project consists of extending the Trail System "Circus Trail, *a.k.a* Legacy Trail Extension" which is proposed as part of the 17th St. Park improvements ("Project"). This trail system terminates at the southwest quadrant of the Sarasota County school bus depot on 17th St. The extension of the "Legacy Trail" along 17th St. to the intersection of Honore and then north along the eastern edge of Honore to the south edge of the Nathan Benderson Park and then easterly to the intersection of the existing trail system within the park. The Project will encompass a distance of approximately 1.5 miles. Trail will be 12 ft. wide and designed of asphalt. The Project will also include lighting, new signal, and modifications to the existing signal as shown on the map below.



2.0 Project Management

The Consultant will provide a qualified Project Manager and experienced support staff to administer the professional services described in this Exhibit A. Project management services are as follows:

**EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN**

- 2.1. General Meetings: The Consultant will attend Project coordination meetings, including preparation of meeting agendas, coordination with attendees, and preparation of meeting summaries. The Consultant will distribute copies of the meeting summaries to attendees within 5 working days.
- 2.2. Agency Pre-Application Meetings: The Consultant will schedule and attend pre-submittal meetings with the Southwest Florida Water Management District (SWFWMD) if necessary. The Consultant will prepare and distribute copies of the meeting summaries to the County and attendees.
- 2.3. Correspondence: Copies of all written correspondence and records of telephone conversations between the Consultant and any party pertaining specifically to this Project will be included in the Project file that will be prepared and submitted to the County within 5 working days.
- 2.4. Quality Assurance Program: Services provided by the Consultant under this Exhibit A shall be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.
- 2.5. Contract Maintenance and Electronic Document Management System (EDMS): Contract maintenance includes project management effort for complete setup and maintenance of files, developing monthly progress reports, schedule updates, work effort to develop and execute subcontract agreements, etc. The County will provide access to the Consultant of the e-Builder Contract Management web-based software.
- 2.6. Schedule: The Project Schedule as set forth in Exhibit B will be updated through the project bidding and award upon notification of the availability of funding from the County. The Consultant will allow 21 calendar days for County review at each phase submittal.
- 2.7. Project Review Meetings: The County will not require project phase review meetings.

Deliverables: Minutes of the agency pre-submittal meeting or other meetings in .pdf format will be distributed to the County along with design progress schedule updates when updates occur. Consultant shall provide a progress report with each invoice submitted in eBuilder.

EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN

- 3.0 Trail Design: The Consultant will analyze and document Trail Design elements in accordance with all applicable manuals, guidelines, standards, handbooks, and procedures.
- 3.1. Typical Sections and Package: 17th St. Trail typical section (1 typical), Honore Avenue trail typical section (1 typical), Nathan Benderson trail typical section (1 typical).
- 3.2. Pavement Design Package: The Consultant will provide an approved Pavement Design Package in accordance with applicable The Florida Department of Transportation (FDOT) pavement design manuals prior to the 60% Plan submittal date. The trail pavement design section will be similar to Legacy Trail.
- 3.3. Horizontal/Vertical Geometry: The Consultant will design the geometrics using the Design Standards that are most appropriate with proper consideration given to the design speed, adjacent land use, design consistency and trail utilization, aesthetics, existing vegetation to be preserved, pedestrian and bicycle concerns, and ADA requirements.
- 3.4. Traffic Control Analysis:
- 3.4.1. The Consultant will design a safe and effective Traffic Control Plan to move bicycle and pedestrian traffic during all phases of the construction project.
- 3.4.2. The Consultant will investigate the need for temporary traffic signals, temporary lighting, and alternate detour routes. The Traffic Control Plan will be prepared by a certified engineer who has completed training as required by the County.
- 3.5. Design Report:
- 3.5.1. The Consultant will prepare all applicable report(s) required by the County.
- 3.5.2. The Consultant will submit to the County design notes, data, and calculations to document the design conclusions reached during the development of the contract plans.
- 3.5.3. The design notes, data, and computations will be recorded on size 8½"x11" sheets, fully titled, numbered, dated, indexed and signed by the designer and the checker. Computer output forms and other oversized sheets will be folded to 8½"x11" size. The data will be entered into e-Builder for submittal to the County.
- 3.6. Cost Estimate: Cost estimates will be provided at all design submittal phases.

EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN

- 3.7. Specifications and Bidding Documents: The Consultant will prepare project specifications in accordance with FDOT specifications on the web process and bidding documents in accordance with Sarasota County's processes. The Consultant shall assist the County with a review of contractor qualifications requirements including providing a justification letter on the contractor qualification as well as construction duration and schedule with logic and sequence. Specification and bidding documents will be submitted starting at the 90% design phase for County review and be completed at the submittal of Bid Plans.
- 3.8. Trail Plans: The Consultant will prepare Trail, Drainage, Traffic Control, Utility Adjustment plan sheets, notes, and details. The plans will consist of the following sheets necessary to convey the intent and scope of the Project for the purposes of construction: Key Sheet, Summary of Pay Items Including Quantity Input, Typical Section Sheets, Typical Section Details, General Notes/Pay Item Notes, Summary of Quantities Sheets, Project Layout, Profile Sheets, Plan Sheets, Special Profiles, Interchange Layout Sheet, Intersection Layout Details, Special Details, Cross Sections, Temporary Traffic Control Plan Sheets, Utility Adjustment Sheets, Selective Clearing and Grubbing Sheet(s), Project Network Control Sheets, Environmental Detail Sheets, Utility Verification Sheet (SUE Data). The Trail Plans will be submitted at 30%, 60%, 90%, 100%, and Bid Plans submittals.
- 3.9. Drainage Analysis: The Consultant will be responsible for designing a drainage and stormwater management system. All design work will comply with the latest requirements of the appropriate regulatory agencies and the County's Stormwater Manual for Site, Development, Subdivision, and Capital Improvement Projects. All hydraulic modeling and analysis will be done in accordance with the most current edition of Sarasota County Model Maintenance procedures and guidelines for site development, subdivision and capital improvement projects.

The Project is anticipated to fall under the thirty-five (35) acres of area and below the eight (8) acres of impervious threshold not requiring modeling through Sarasota County's process.

- 3.9.1. Drainage Map Hydrology: The Consultant will create a pre-and/or post-condition working drainage basin map to be used in defining the system hydrology.
- 3.9.2. Base Clearance Calculations: The Consultant will analyze, determine, and document high water elevations per basin which will be used to set roadway profile grade and roadway materials.
- 3.9.3. Pond Siting Analysis and Report: The Consultant will evaluate pond sites using a preliminary hydrologic analysis and document the results and coordination for all the Project's pond

EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN

- site analyses. The Consultant shall comply with the FDOT Drainage Manual providing specific documentation requirements.
- 3.9.4. Design of Cross Drains: The Consultant will analyze the hydraulic design and performance of cross drains; check existing cross drains to determine if they are structurally sound and can be extended; document the design as required; and determine and provide flood data as required.
- 3.9.5. Design of Ditches: The Consultant will design roadway conveyance and outfall ditches.
- 3.9.6. Design of Stormwater Management Facility (Offsite, Infield Ponds, Roadside Treatment Swales and Linear Ponds): The Consultant will design stormwater management facilities (two are anticipated, one along Honore Avenue and one in the Benderson Park) to meet the requirements for stormwater quality treatment, attenuation and aesthetics; develop proposed pond layout (contributing drainage basin, shape, contours, slopes, volumes, tie-ins, aesthetics, etc.); perform routing, pollutant/nutrient loading calculations, recovery calculations; and design the outlet control structure.
- 3.9.7. Design of Storm Drains: The Consultant will delineate contributing drainage areas, determine runoff, inlet locations, and spread; calculate hydraulic losses (friction, utility conflict and, if necessary, minor losses); and determine design tailwater and, if necessary, outlet scour protection.
- 3.9.8. Drainage Design Documentation Report: The Consultant will compile drainage design documentation into report format; and include documentation for all the drainage design tasks and associated meetings and decisions, except for stand-alone reports, such as the Pond Siting Analysis Report and Bridge Hydraulics Report.
- 3.9.9. Cost Estimate: The Consultant will prepare cost estimates for the drainage components, except bridges and earthwork for stormwater management and flood compensation sites.
- 3.10. Drainage Plans: The Consultant will prepare drainage plan sheets, notes, and details. The plans will consist of the following sheets necessary to convey the intent and scope of the Project for the purposes of construction. Drainage plans will consist of: Drainage Map, Drainage Structure Sheet(s) (Per Structure), Miscellaneous Drainage Detail Sheets, Lateral Ditch Plan/Profile, Lateral Ditch Cross Sections, Retention/Detention Pond Detail Sheet(s), Retention Pond Cross Sections, Erosion Control Plan Sheet(s), and Stormwater Pollution Prevention Plan (SWPPP) Sheet(s). The Drainage Plans will be submitted at 30%, 60%, 90%, 100%, and Bid Plans submittals.

**EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN**

- 3.11. Utility Coordination: The Consultant will identify utility facilities and secure agreements, utility work schedules, and plans from the Utility Agency Owners (UAO), public and private, ensuring all conflicts that exist between utility facilities and the County's construction project are addressed and that arrangements have been made for utility work to be undertaken. As part of this Exhibit A, the Consultant will design minor utility adjustments to avoid conflicts for the UAO. Design of major utility adjustments or relocation will be performed by the UAO or the Consultant under optional utility services. These will require UAO approval and scheduling.
- 3.12. Environmental Permits, Compliance, and Clearances: This Exhibit A assumes wetland impacts will be de minimus (under 0.5 acres of impact and qualify for an Individual ERP under Chapter 62-330.054, F.A.C. and an Individual Section 404 Dredge and Fill Permit from USACE). Mitigation for wetland impacts is not anticipated, if necessary it would be provided from the County's Regional Offsite Mitigation Area (ROMA) site(s) or from a permitted mitigation bank that services the Project area. If these options do not have the appropriate mitigation credits available to compensate for Project impacts, then services necessary to address mitigation will be provided as Additional Services. These include but are not limited to onsite mitigation, off-site mitigation, and cumulative impact analysis for using a permitted mitigation bank outside the service area of the project limits.

The Consultant will prepare and submit for environmental permits associated with the Project. The Consultant will notify the County Project Manager, and other appropriate personnel in advance of all scheduled meetings with the regulatory agencies to allow a County representative to attend. The Consultant will copy the County Project Manager on all permit related correspondence and meetings. The Consultant will use current regulatory guidelines and policies for all permits required.

- 3.12.1 Grand Tree Surveys: The Consultant will conduct a survey to identify any Grand Trees as defined by the Sarasota County Tree Ordinance.
- 3.12.2 Mesic Hammock Surveys: The Consultant will conduct a survey to identify any mesic hammock habitat that may be impacted; and determine the boundaries and obtain a determination of the mesic hammock as defined by rules or regulations of the County permitting authority.
- 3.12.3 Tree Permitting: Tree permitting will be provided if required by the County.
- 3.13. Bidding Phase Services: The Consultant shall provide the following services:

**EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN**

- 3.13.1 The Consultant shall assist the County during the bidding of the Project construction by promptly responding to the bidder's questions received through Procurement or from the pre-bid meeting, and by preparing addenda, and plan sheet revisions as required. The Consultant shall attend and participate in a pre-bid meeting.
 - 3.13.2 The Consultant shall review all bids received, review and verify the bid tabulation prepared by the County, assist the County in identifying the lowest responsible and responsive bidder, and prepare a formal recommendation of award.
 - 3.13.3 The Consultant shall provide one (1) set of digitally signed and sealed conformed construction plans (11 "x 17") reflecting any addenda or changes issued as a result of the County's bidding and award process no later than seven (7) calendar days from bid opening.
 - 3.13.4 The Consultant shall upload a single PDF version of plans in eBuilder as well as one (1) AutoCAD electronic file in a format acceptable to the County.
- 4.0 Signing and Pavement Markings: The Consultant will analyze, design, and develop contract documents for signing and marking features associated with the trail and street crossings in accordance with applicable provisions. The Consultant will consider various alternatives in preparing the most economical solution for the given conditions.
- 5.0 Signalization: The Consultant will analyze, design, and develop contract documents for a new signal at the school bus storage driveway and upgraded pedestrian signal features at the north side of 17th St. and Honore Ave. to accommodate the proposed trail crossing. All signalization features will be designed in accordance with applicable provisions. The Consultant will consider various alternatives in preparing the most economical solution for the given conditions.
- 6.0 Lighting: The Consultant will analyze, design, and develop contract documents for all lighting features in accordance with applicable provisions. The Consultant will redesign the lighting along 17th St. to reestablish the lighting which will be impacted by the proposed trail location. There will be no lighting added along Honore Ave. to accommodate the trail. The Consultant will provide Lighting Design Analysis Report.
- 7.0 Post Design Construction Phase Services: The Consultant will provide post-design construction services to support the roadway construction effort during construction.

These services will include the responsibilities set forth below. It is assumed

**EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN**

that construction will be completed in 9 months.

- 7.1. Pre-construction conference. Consultant will attend a Pre-Construction Conference before the start of construction.
- 7.2. Site visits and construction observation. Consultant will make visits twice a month to the site to observe the progress of the work. Observations will not be exhaustive or extend to every aspect of Contractor's work, but will be limited to spot-checking, and similar methods of general observation. Based on the site visits, the Consultant will evaluate whether Contractor's work is generally proceeding in accordance with the Contract Document and keep County informed of the general progress of the work.

The Consultant will not supervise, direct, or control Contractor's work, and will not have authority to stop the Work or responsibility for the means, methods, techniques, equipment choice and use, schedules, or procedures of construction selected by Contractor, for safety programs incident to Contractor's work, or for failure of Contractor to comply with laws. The Consultant does not guarantee Contractor's performance and has no responsibility for Contractor's failure to perform in accordance with the contract documents. The Consultant is not responsible for any duties assigned to it in the construction contract that are not expressly provided for in this Agreement.

- 7.3. Construction meetings. The Consultant will attend construction meetings (on site or virtually) bi-weekly bases to respond to Contractor questions. It is assumed these meetings will be virtual and will last no more than 2 hours.
- 7.4. Recommendations with respect to defective work. The Consultant will recommend to County that Contractor's work be disapproved and rejected while it is in progress if the Consultant believes that such work will not produce a completed Project that generally conforms to the contract documents.
- 7.5. Clarifications and interpretations. The Consultant will respond to reasonable and appropriate Contractor requests for information made in accordance with the contract documents and issue necessary clarifications and interpretations. Any orders authorizing variations from the contract documents will be made only by County.

EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN

- 7.6. Change Orders. The Consultant may recommend Change Orders to the Client and will review and make recommendations related to Change Orders submitted or proposed by the Contractor.
- 7.7. Shop drawings and samples. The Consultant will review shop drawings and samples and other data which Contractor is required to submit, but only for general conformance with the contract documents. Such review and any action taken in response will not extend to means, methods, techniques, equipment choice and usage, schedules, or procedures of construction or to related safety programs. Any action in response to a shop drawing will not constitute a change in the contract documents, which can be changed only through the Change Orders.
- 7.8. Substitutes and "or-equal/equivalent." The Consultant will evaluate the acceptability of substitute or "or-equal/equivalent" materials and equipment proposed by Contractor in accordance with the contract documents.
- 7.9. Inspections and tests. The Consultant may require special inspections or tests of Contractor's work and may receive and review certificates of inspections within Consultant's area of responsibility. Consultant's review will be solely to determine that the results indicate compliance with the contract documents and will not be an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the contract documents. The Consultant is entitled to rely on the results of such tests.
- 7.10. Disputes between County and Contractor. The Consultant will, if requested by the County, render written decision on all claims of the County and Contractor relating to the acceptability of Contractor's work or the interpretation of the requirements of the contract documents. In rendering decisions, the Consultant shall be fair and not show partiality to the County or Contractor and shall not be liable in connection with any decision.
- 7.11. Substantial completion. When requested by Contractor and the County, Consultant will conduct a site visit to determine if the Work is substantially complete. Work will be considered substantially complete following satisfactory completion of all items with the exception of those identified on a final punch list.
- 7.12. Final notice of acceptability of the work. The Consultant will conduct a final site visit to evaluate whether the completed Work of Contractor is generally in accordance with the contract documents and the final punch list so that Consultant may recommend final payment to Contractor.

EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN

7.13. Record drawings. The Consultant will review record drawings prepared by Contractor's surveyor showing significant changes reported by Contractor or made to the design by the Consultant. Record drawings are not guaranteed to be as-built but will be based on information made available by the contractor. As part of the permit requirements, the Consultant will prepare and submit to SWFWMD (Southwest Florida Water Management District) the transfer to operation form.

8.0 Topographic Survey Services/Parcel Sketch and Description: The Consultant will obtain additional design survey services along the missing segment of 17th St. and the segment of Honore Ave. north of Lacy Lane and easterly into the Benderson Park to the trail terminus. Design surveys will consist of horizontal and vertical control surveys, topographic surveys, and right-of-way control survey. Survey data will be collected for the corridor and side streets as previously defined. Such surveys will adhere to the Florida minimum technical standards for this type of survey. The Consultant will perform survey tasks in accordance with all applicable statutes, manuals, guidelines, standards, handbooks, procedures, and current design memoranda.

The Consultant will establish or recover Horizontal Project Control (HPC), for the purpose of establishing horizontal control on the Florida State Plane Coordinate System or datum approved by the County surveyor; may include primary or secondary control points; includes analysis and processing of all field collected data, and preparation of forms.

The Consultant will establish or recover Vertical Project Control (VPC), for the purpose of establishing vertical control on datum approved by the County surveyor; may include primary or secondary vertical control points; includes analysis and processing of all field collected data, and preparation of forms. The Consultant will establish, recover, or re-establish project alignment including analysis and processing of all field collected data, existing maps, and/or reports for identifying mainline, ramp, offset, or secondary alignments. The Consultant will depict alignment and/or existing Right-of-Way (R/W) lines (in required format) per County R/W Maps, platted or dedicated rights of way.

The Consultant will provide a final topographic survey as its deliverable.

8.1. Reference Points: Reference Horizontal Project Network Control (HPNC) points, project alignment, vertical control points, section, ¼ section, center of section corners, and General Land Office (G.L.O.) corners as required.

8.2. Topography/Digital Terrain Model (DTM) (3D): Locate all above-ground features and improvements for the limits of the project by collecting the required data for the purpose of creating a DTM with sufficient density. Shoot all break lines, high and low points. Effort includes field edits, analysis, and processing of all field collected data, existing maps, and/or

EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN

- reports.
- 8.3. Drainage Survey: Locate underground data (XYZ, pipe size, type, condition, and flow line) that relates to above-ground data. Includes field edits, analysis, and processing of all field collected data, existing maps, and/or reports.
- 8.4. Jurisdiction Line Survey: Perform field location (2-dimensional) of jurisdiction limits as defined by respective authorities, also includes field edits, analysis and processing of all field collected data, preparation of reports.
- 8.5. Sectional/Grant Survey: Perform field location/placement of section corners, 1/4 section corners, and fractional corners where pertinent. Includes analysis and processing of all field-collected data and/or reports.
- 8.6. Subdivision Location: Survey all existing recorded subdivision/condominium boundaries, tracts, units, phases, blocks, road R/W lines, common areas. Includes analysis and processing of all field collected data and/or reports. If unrecorded subdivision is on file in the public records, tie existing monumentation of the beginning and end of unrecorded subdivision.
- 8.7. Parcel Sketches and Descriptions: Surveyor will prepare one parcel sketch and description for the right of way associated with the trail segment across the private parcel north of Lacey Lane.
- 8.8. Subsurface Utility Exploration: Designation includes 2-dimensional collection of existing utilities and selected 3-dimensional verification as needed for designation. Location includes non-destructive excavation to determine size, type and location of existing utility, as necessary for final 3-dimensional verification. Survey includes collection of data on points as needed for designates and locates. Includes analysis and processing of all field collected data, and delivery of all appropriate electronic files. Up to ten (10) Subsurface Utility Exploration locations are included. The Consultant, through the subconsultant, will provide preliminary SUE locates during the preliminary design phase along with specific "pot holes" and a report identifying the existing utilities along with measure down dimensions as identified by the engineer as its preliminary deliverable. The Consultant, through the subconsultant, will provide final SUE information for the specific conflicts as identified by the engineer. Final deliverable will be a CADD file identifying the existing utilities along with a "pothole" report identifying the measure-down information for each location.
- 9.0 Geotechnical: The Consultant will be responsible for a complete geotechnical investigation as needed for all proposed improvements that would need geotechnical data. All work performed by the Consultant will be in accordance with FDOT and County standards, or as otherwise directed by the County.

**EXHIBIT A
SCOPE OF SERVICES
MULTIMODAL TRAIL CONNECTION
DESIGN**

The investigation plan will include, but not be limited to, the proposed boring locations and depths, and all existing geotechnical information from available sources to generally describe the surface and subsurface conditions of the project site. Additional meetings may be required to plan any additional field efforts, review plans, resolve plans/report comments, resolve responses to comments, and/or any other meetings necessary to facilitate the Project.

- 9.1. Develop Detailed Boring Location Plan: The Consultant will develop a detailed boring location plan. One (1) SPT borings to 25 ft. will be obtained for signalization improvements at 17th St. Borings will be obtained, if needed, at light pole locations.
- 9.2. Final Report: The Final Roadway Report will include the following:
 - 9.2.1. A report of tests sheet that summarizes the laboratory test results, the soil stratification (i.e. soils grouped into layers of similar materials) and construction recommendations relative to Standard Plans Indices 120-001 and 120-002.
 - 9.2.2. The results of all tasks discussed in all previous sections regarding data interpretation and analysis.
 - 9.2.3. An appendix that contains stratified soil boring profiles, laboratory test data sheets, and other pertinent calculations.

Deliverable: One (1) signed and sealed copy of Geotechnical Report with soil boring records, test results, photographs, and similar data summary of testing program and recommendations; soil boring plan for incorporation into the roadway plan package, and one (1) set of complete documents in .pdf format.

- 10.0 County Responsibilities: The County will be responsible for all internal Project administration associated with the Work Assignment.
- 11.0 Additional Services: At the County's option, the Consultant may be requested to provide additional services necessary to complete the Project. The fee for these services will be negotiated in accordance with the terms detailed in Exhibit C, Fee Schedule, for a fair, competitive, and reasonable cost, considering the scope and complexity of the service(s). Approved services may be authorized by transfer of negotiated funds from Additional Services.

[End of Exhibit A]

**EXHIBIT B
PROJECT SCHEDULE**

Description of Milestone	Calendar Days from Purchase Order to Milestone Completion	Calendar Days from Start of Construction
Kickoff Meeting	10	n/a
30% Plans Complete	56	n/a
60% Plans Complete	119	n/a
Permit Document Submittal	150	n/a
90% Plans Complete	182	n/a
100% Plans Complete	245	n/a
Bid Plans Submittal	280	n/a
Construction Phase Services	n/a	330

[End of Exhibit B]

**EXHIBIT C
FEE SCHEDULE**

Activity #	Task Name	Fee Amount
2	Project Management	\$24,730.00 (Lump Sum (LS))
3.1-3.8	Trail Design and Analysis	\$135,637.00 (LS)
3.9-3.12	Drainage & Environmental Design & Permitting	\$74,500.00 (LS)
4	Signing and Marking Design	\$16,600.00 (LS)
5	Signalization Design	\$31,300.00 (LS)
6	Lighting Design	\$23,000.00 (LS)
3.13	Bidding Phase Services	\$6,000.00 (LS)
7	Post Design Construction Services	\$ 46,500.00 (Not-To-Exceed (NTE))
	Total (Consultant Services)	\$358,267.00
Subconsultant Services		
Activity #	Task Name	Fee Amount
8.1-8.7	Survey (Hyatt Survey)	\$42,000.00 (LS)
8.8	Subsurface Utility	\$12,000.00 (LS)
9.0	Geotechnical	\$3,000.00 (LS)
	Total (Subconsultant Services)	\$57,000.00 (LS)
11.0	Additional Services (as authorized by the County)	\$25,000.00 (LS)
	Total Work Assignment Amount	\$440,267.00

Invoices for lump sum line items shall be invoiced based upon percentage completion on a monthly basis. The lump sum services shall not include any hourly rates.

The hourly rates below are to be used to calculate pay request amounts for NTE services. The hourly rates include day-to-day direct expenses incurred necessary for the performance of the Agreement including working copies, reproductions, shipping, communications, and computer charges. Consultant costs for copies of multiple plan sets and/or specifications will be reimbursed at the rates paid by County for County Term Contract reproduction vendors.

**EXHIBIT C
FEE SCHEDULE**

Classification	Hourly Rate
Project Manager	\$ 271.78
Chief Engineer	\$ 309.34
Sr. Engineer	\$ 240.45
Sr. Project Engineer	\$ 215.55
Project Engineer	\$ 207.84
Engineer	\$ 155.15
Engineering Intern	\$ 133.41
Chief Designer	\$ 170.95
Senior Landscape Architect	\$ 210.19
Landscape Architect	\$ 163.57
Landscape Architect Intern	\$ 117.47
Clerical	\$ 94.93

[End of Exhibit C]

**EXHIBIT D
KEY PERSONNEL**

Classification	Personnel Name
Project Manager	Gary J. Nadeau, P.E.
Senior Engineer	Bob Joel, P.E.
Senior Project Engineer	Jordan E. Leep, P.E., PMP Ashley Miele, P.E. Molly Williams, P.E.
Project Engineer	Victor Gallo, P.E. Chris Schooley, P.E.
Engineer	Phil Reid, P.E. Nicole Heck, P.E. Erin Swider, P.E.
Engineering Intern	Jacob Rehm, E.I. Yordan Gil, E.I.
Environmental Scientist	Sarah Johnson, M.S. Ronnie VanFleet, M.S.
Chief Designer	Steven Hartl

[End of Exhibit D]