

REQUEST FOR LEGAL SERVICES

TO: COUNTY ATTORNEY'S OFFICE (AT01)

ATTENTION: Noah Milov

(CHECK ONE)

Heather Bryan



FROM:

Klayton Fees (863) 535-2281

(Name and Phone Number)

DATE: 4/7/25

RETURN TO: Klayton Fees

DIVISION: Roads & Drainage

BOARD AGENDA DATE: 5/6/25

COUNTY MANAGER ITEM: ☐

PROJECT: Vaughn Rd Widening

CSA/CONTRACT NUMBER: 22-098-04

MODIFICATION NUMBER: _____

CHANGE ORDER NUMBER: _____

TYPE OF AGREEMENT: CSA

NAME OF CONSULTANT/CONTRACTOR: WSP USA Inc.

Please indicate any time limits and attach all necessary documentation.

REQUEST IN DETAIL: _____

Please review attachments for the Board Agenda date indicated and return APPROVED documents at your earliest convenience. THANK YOU.

For CAO Use Only:

Assigned Staff:

Noah

Log-In Date:

4/17/25

CAO Project Number:

25-297

Log-Out Date:

4/23/25

Select Agenda Date: May 6, 2025
Select a Category: Contract
Select a Division: Roads & Drainage Division
Select a Workflow: Trans. Through Proc No Fiscal Impact (Trans)

SUBJECT

Approve Consultant Services Authorization (CSA) No. 22-098-04 with WSP USA Inc. (Consultant) (\$158,670.05 one-time expense).

DESCRIPTION

On February 20, 2024, the Board Approved Consulting Service Agreement 22-96-02 (the "Agreement") with WSP USA Environment & Infrastructure, Inc. (the "Consultant") to provide professional engineering services in connection with the Vaughn Rd Widening Project including developing a Preliminary Engineering Report that includes preliminary geotechnical services, roadway analysis, drainage analysis, construction cost estimates, right of way cost estimates, and coordination with the various Utility Agency Owners as well as the Southwest Florida Water Management District, in the amount of \$112,447.00.

On 12/31/24, WSP USA Environmental & Infrastructure, Inc. merged with WSP USA, Inc. Therefore, to maintain continuity with the project, a new CSA agreement is needed under the Master Agreement of WSP USA, Inc.

Currently the Consultant has completed the design and other preliminary services described above and the County now wishes to engage the Consultant to provide continuing professional services for permitting, final design, and bidding support, for the Vaughn Rd Widening Project.

RECOMMENDATION

Request the Board approve CSA No. 22-098-04 with the Consultant at a not-to-exceed fee of \$158,670.05, for the Vaughn Rd Widening Project.

FISCAL IMPACT

Funds are budgeted and available in the Utilities Operation Fund.

CONTACT INFORMATION:

Klayton Fees, P.E., Project Manager
Roads & Drainage Division
863.535.2281
klaytonfees@polk-county.net

CONSULTANT APPROVAL FORM

CPO: If Consultant fee is under \$50,000 & construction is under \$250,000 (procedure)

CSA: If Construction is under \$4,000,000;

OR for study activity if consultant fee is under \$500,000- FS 287.055(CCNA))

CPO/CSA #: 22-098-04 (Assigned by Procurement)

To be completed by the requesting Division:

Date: 4/7/2025 Division: Roads & Drainage Division

Project Manager's Name: Klayton Fees, PE Phone #: 863-535-2281

Project Name: Vaughn Rd Widening

Total Project Budget: \$ 4,935,000.00 Project # 6881001

Estimate of Construction Cost: \$ 750,000.00

Proposed Consultant: WSP USA Inc. Fee: \$158,670.05

Master Consultant Agreement # 22-098

Attach Scope of Services Proposed by the Consultant (Exhibit "A")

Approved By: [Signature]
Division Director/Designee

Date

4/10/25

Procurement Division

Date Received: _____ Date Reviewed by Analyst: 4/15/25

Approved by: [Signature]
(Procurement Director/Designee)

County Attorney's Office (Required for all CSA's)

Date Received: _____ Date Reviewed: 4/23/25

Approved by: [Signature]
(County Attorney Office Signature)

County Manager's Office (Required if consultant fee is greater than \$100,000)

Date Received: _____ Date Reviewed: _____

Approved by: _____
(County Manager Office Signature)

Additional Attachments: number of days to complete project, not to exceed/lump sum amount, justification for consultant selected, fee schedule, and Professional Liability COI (COI applicable to CSA only, description field must be project specific (contract requirement)).

Selection Procedure for Consultants with Continuing Contracts CCNA Continuing Contracts Justification Form

Please submit this form along with any Original CSA/CPO Consultant Approval Form

Division: Roads & Drainage
Project Manager: Klayton Fees, P.E.

Step 1:

Review list for appropriate Expertise, Experience, and Personnel (List all consultants awarded a master agreement under the RFP)

| Consultant | Expertise | Experience | Personnel | Local (Y/N) | Elevated for Consideration (Y/N) |
|--|-----------|------------|-----------|-------------|----------------------------------|
| AECOM | Y | Y | Y | Y | Y |
| AIM Engineering & Survey | Y | Y | Y | Y | Y |
| Burgess and Niple | Y | Y | Y | N | Y |
| CONSOR Engineers | Y | Y | Y | Y | Y |
| Dewberry Engineers | Y | Y | Y | Y | Y |
| DRMP | Y | Y | Y | Y | Y |
| HDR Engineering | Y | Y | Y | N | Y |
| HNTB | Y | Y | Y | Y | Y |
| Jacobs Engineering Group | Y | Y | Y | N | Y |
| Kimley-Horn and Associates | Y | Y | Y | N | Y |
| Kissinger Campo & Associates | Y | Y | Y | N | Y |
| Mott MacDonald Florida | Y | Y | Y | N | Y |
| NV5 | Y | Y | Y | N | Y |
| Patel, Greene, and Associates | Y | Y | Y | Y | Y |
| Rummel, Klepper & Kahl | Y | Y | Y | Y | Y |
| WSP USA Environmental & Infrastructure | Y | Y | Y | Y | Y |
| WSP USA | Y | Y | Y | Y | Y |

State justification for each firm NOT elevated and why:

Step 2:

Past performance on similar projects satisfactory (List all consultants elevated from Step 1)

| Consultant | Has past performance been satisfactory (Y/N) | Elevated for Consideration(Y/N) |
|--|--|---------------------------------|
| AECOM | Y | Y |
| AIM Engineering & Survey | Y | Y |
| Burgess and Niple | Y | Y |
| CONSOR Engineers | Y | Y |
| Dewberry Engineers | Y | Y |
| DRMP | Y | Y |
| HDR Engineering | Y | Y |
| HNTB | Y | Y |
| Jacobs Engineering Group | Y | Y |
| Kimley-Horn and Associates | Y | Y |
| Kissinger Campo & Associates | Y | Y |
| Mott MacDonald Florida | Y | Y |
| NV5 | Y | Y |
| Patel, Greene, and Associates | Y | Y |
| Rummel, Klepper & Kahl | Y | Y |
| WSP USA Environmental & Infrastructure | Y | Y |
| WSP USA | Y | Y |

State justification for each firm NOT elevated and why:

Step 3:

Total amount of money the County has contracted with each Consultant elevated to Step 2 during the last 24 months.

| Consultant | Contracted Amount | Elevated (Y/N) |
|------------|-------------------|----------------|
| AECOM | \$ 723,149.04 | N |

| | | | |
|--|----|------------|---|
| AIM Engineering & Survey | \$ | 691,043.55 | N |
| Burgess and Niple | \$ | 522,931.36 | N |
| CONSOR Engineers | \$ | 542,263.76 | N |
| Dewberry Engineers | \$ | 203,582.32 | N |
| DRMP | \$ | 313,355.25 | N |
| HDR Engineering | \$ | 567,194.67 | N |
| HNTB | \$ | 671,340.00 | N |
| Jacobs Engineering Group | \$ | 495,625.26 | N |
| Kimley-Horn and Associates | \$ | 180,890.00 | N |
| Kissinger Campo & Associates | \$ | 501,531.12 | N |
| Mott MacDonald Florida | \$ | 167,799.10 | N |
| NV5 | \$ | 265,452.13 | N |
| Patel, Greene, and Associates | \$ | 790,565.67 | N |
| Rummel, Klepper & Kahl | \$ | 95,456.00 | N |
| WSP USA Environmental & Infrastructure | \$ | 279,519.42 | N |
| WSP USA | \$ | 319,023.41 | Y |

Step 4:

State justification, if the chosen consultant does not have the least amount of contract obligation.

Consultant has worked previously on the Vaughn Rd widening project and is selected to do the final design.



Consultant Services Authorization

| | |
|-----------------------------------|--|
| Firm | WSP USA Inc. (WSP) |
| Master Agreement No. | 22-098 |
| CSA No. | 22-098-04 |
| Project Name | Vaughn Rd Widening |
| Project Description | Widen Vaughn Rd from Sheffield Rd to its northern terminus (~0.34 miles) from its existing width of 20 feet to 24 feet to accommodate future access associated with the County's Fire Training Facility located at 59 Vaughn Rd. |
| Projects Exhibits and Attachments | Exhibit "A"- Scope of Services Exhibit "B"-Fee Schedule (Master Agreement) Exhibit "C"-Reimbursable Cost Schedule Exhibit "D"-Insurance Documents |
| Duration (in days) | through the completion of construction |
| Compensation | Total Cost Not to Exceed: \$ 158,670.05 |
| Special Contract Conditions | NONE |
| Insurance Requirements | Professional Liability |
| Liquidated Damages | \$ 0 Per Day |
| Budget Source/Availability | 42011.680536150.5663400.6881001 |

IN WITNESS WHEREOF, the parties hereto have executed this CSA on this ____ day of _____, 20____.

Attest:

STACY M. BUTTERFIELD

POLK COUNTY, a Political subdivision
of the State of Florida

By: _____
Deputy Clerk

By: _____
Chairperson
Board of County Commissioners

Date Approved by Board: _____

Review as to form and legal sufficiency

Nash Miller 4/23/25
County Attorney's Office Date

Attest:

Hellen Jones
Corporate Secretary

WSP USA Inc. (WSP)

CONSULTANT COMPANY NAME

43
Authorized Corporate Officer

Andrew J. Lynn, Vice President
[Printed Name and Title]

SEAL

Date: April 2, 2025

Date: April 2, 2025



Consultant Services Authorization

| | |
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Deputy Clerk

By: _____
Chairperson
Board of County Commissioners

Date Approved by Board: _____

Review as to form and legal sufficiency

Wah Miller 4/23/25
County Attorney's Office Date

Attest:

WSP USA Inc. (WSP)
CONSULTANT COMPANY NAME

Heather Jones
Corporate Secretary

Andrew J. Lynn
Authorized Corporate Officer

Andrew J. Lynn, Vice President
[Printed Name and Title]

SEAL

Date: April 2, 2025

Date: April 2, 2025



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| Liquidated Damages | \$ 0 Per Day |
| Budget Source/Availability | 42011.680536150.5663400.6881001 |

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Attest:

STACY M. BUTTERFIELD

POLK COUNTY, a Political subdivision
of the State of Florida

By: _____
Deputy Clerk

By: _____
Chairperson
Board of County Commissioners

Date Approved by Board: _____

Review as to form and legal sufficiency
Andrew J. Lynn 4/23/25
County Attorney's Office Date

Attest:

Hellany J. Lynn
Corporate Secretary

SEAL

Date: April 2, 2025

WSP USA Inc. (WSP)
CONSULTANT COMPANY NAME

43
Authorized Corporate Officer

Andrew J. Lynn, Vice President
[Printed Name and Title]

Date: April 2, 2025

**EXHIBIT A
SCOPE OF SERVICES FOR
VAUGHN ROAD IMPROVEMENTS
CSA #22-098-04**

SCOPE OF SERVICES

WSP USA (WSP), is pleased to submit this proposal to the Polk County Roads and Drainage Division (COUNTY) for Professional Engineering Services associated with the Vaughn Road improvements.

PROJECT TITLE

Professional Engineering Services for the Vaughn Road improvements.

OBJECTIVE:

The overall objective of this proposal is to describe the scope of work and responsibilities of WSP and the COUNTY in connection with the preparation of Construction Plans, Design Documentation, Environmental Permitting, Technical Special Provisions and Technical Specifications, and a list of items and quantities to be bid ("Bid Documents") for the widening and resurfacing of Vaughn Road from Sheffield Road to the northern terminus, a length of approximately 0.34 miles.

PROJECT DESCRIPTION:

The COUNTY proposes to improve approximately 0.34 miles of Vaughn Road from Sheffield Road to the northern terminus. The existing roadway width between Sheffield Road to the northern terminus is 20 feet and the COUNTY intends to widen the roadway to 24 feet within these limits to accommodate future access associated with the County's Fire Training Facility located at 59 Vaughn Road. (Parcel 25-29-10-000000-021010).

DESIGN SERVICES AND DELIVERABLES:

Polk County is seeking the services of an Engineering Professional to prepare plans; acquire permits; develop construction specifications; and provide engineering services for the widening of Vaughn Road in accordance with the Preliminary Engineering Report (PER).

The Project shall be designed in accordance with the Florida Department of Transportation's (FDOT's) Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (commonly known as the Florida Greenbook).

WSP will prepare and submit the construction plans and bid documents to the COUNTY as listed below.

60% Design Phase Deliverables:

- PDF set of 60% construction plans
- Draft Engineer's Estimate of Probable Construction Cost
- Draft Drainage Design Documentation and Permit Exemption Application
- Draft Technical Special Provisions and Technical Specifications
- Preliminary Utility Work Schedule (UWS)
- Schedule Update
- All above items will be delivered electronically in PDF

100% Design Phase Deliverables:

- PDF set of 100% construction plans
- Final Draft of Engineer's Estimate of Probable Construction Cost
- Final Design Documentation
- SWFWMD Permit Exemption
- Final Technical Special Provisions and Technical Specifications
- Final Draft Utility Work Schedule (UWS)
- Final Bid Documents (Pay Item Summary)

The final submittal will convey ALL Final Deliverables. Prior to WSP submitting final signed and sealed plans and bid documents, one electronic copy of the plans will be issued to the COUNTY'S Project Manager to verify previous comments were addressed.

Final Deliverables:

- One thumb drive or digital download with CADD design files and PDF's of Final construction plans (signed and sealed)
- Final Technical Special Provisions (signed and sealed)
- Final Bid Documents
- Final Utility Work Schedule (signed)
- Final Engineer's Estimate of Probable Construction Cost

PROJECT LOCATION



TASK 1: GENERAL TASKS

Contract Maintenance

WSP will provide contract maintenance and project documentation during the duration of the contract. Includes complete setup and maintenance of files, electronic folders, and documents, developing monthly invoices and progress reports, schedule updates, and compilation/submittal of project documentation.

Project Meetings

WSP will attend one (1) in-person Project Kickoff meeting with the COUNTY and conduct informal telephone meetings on an as needed basis.

WSP will attend two (2) progress meetings with the COUNTY; one (1) progress meeting following the COUNTY'S review of the 60% submittal (Phase II); one (1) progress meeting following the COUNTY'S review of the 100% design phase (Phase IV) submittal.

WSP will provide meeting minutes for review and approval to the COUNTY. The task also includes attendance at monthly virtual progress meetings with the County site development consultant.

Coordination

WSP will coordinate with all relevant agencies, including but not limited to the following agencies:

- Southwest Florida Water Management District (SWFWMD); and
- Dewberry, Inc.

WSP will perform project management duties necessary to coordinate project tasks with the COUNTY, develop and adhere to a project schedule, submit monthly invoices, and attend two in-person progress coordination meetings with the COUNTY.

Deliverables:

- Project Schedule (PDF format).
- Monthly Invoices (Hard copy via FedEx and PDF via email).

TASK 2: DESIGN ANALYSIS

Horizontal/Vertical Master Design Files:

WSP will analyze and document the roadway design in accordance with all the latest applicable manuals, guidelines, Polk County Standard Details, handbooks, procedures, and technical specifications. Applicable standards, manuals, and handbooks for this project are shown below:

- FDOT Design Manual (latest edition);
- FDOT Standard Plans (latest edition);
- FDOT Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Streets and Highways ("Florida Greenbook");
- AASHTO – A Policy for Geometric Design of Highways and Streets;
- Polk County Standard Details; and
- Polk County Land Development Code.

The horizontal alignment or plan portion shall include: the entire mainline baseline and/or centerline of construction with the proposed widening, existing topography, existing and proposed right-of-way limits; begin and end transitions, begin and end project limits, and geometric parameters. The plan scale shall be 1" = 40'.

There are two modular rubber speed tables located along Vaughn Rd. in existing condition. It is recommended that these speed tables are upgraded from modular rubber to asphalt.

Typical Section

The typical section for the proposed improvements includes widening 4-foot to the west side of Vaughn Road to establish two 12-foot travel lanes and shifting the existing crown of the roadway 2-feet to the west via overbuild for Segment 1 (Sheffield Road to just north of Kensington View Boulevard). This section also includes the complete reconstruction of the pavement for Segment 2 (just north of Kensington View Boulevard to northern terminus of Vaughn Road) and shifting the existing crown west to match the new crown location in Segment 1. Northbound travel lane will be milled and resurfaced with 1.5" of pavement.

This typical section is in accordance with the recommended build alternative No. 2 as documented in the Preliminary Engineering Report.

Design Documentation

WSP must submit a request for variance for design criteria not conforming to the minimum Florida Greenbook requirements. All required Design Variations will be submitted in a short memo format (one page or less) for the COUNTY'S approval. Anticipated Design Variations: Lateral Offset.

Survey

Provided by the COUNTY.

Cross Section Design Files:

WSP shall establish and develop cross-sections design files in accordance with the Civil3D CADD manual, FDOT Plans Preparation manual, and COUNTY standards. Assume sections every 50 feet for earthwork. WSP shall provide cross sections of all existing driveways. Assume cross sections are needed along the project corridor, approximately 1,795 feet at 50-foot cross sections. Existing and proposed utilities will be shown within the cross sections.

Right-of-Way Acquisition and Temporary Construction Easement Support:

WSP will evaluate possible (ROW) temporary construction easement (TCE) acquisition. WSP will prepare sketches and descriptions necessary for execution of any agreements. The plans will not incorporate use of any license agreement, or TCE until it has been acquired by the COUNTY.

Engineer's Estimate & Quantities:

WSP shall prepare an opinion of probable construction costs for the construction of the project. WSP shall utilize existing cost data available from the COUNTY and/or FDOT historical item cost average construction costs for Market Area 08 (includes Polk County).

WSP shall prepare bid documents with bid quantities for all bid items which comprise the project design. Bid items must include reference to applicable COUNTY & FDOT Measurement and Payment items. Bid proposal sheets to be included in the contract documents shall be prepared by the COUNTY based on WSP'S bid documents and submitted as follows.

- Preliminary bid quantities and opinion of probable construction costs shall be submitted with the 60% design review submittal.

- 100% bid quantities and opinion of probable construction costs shall be submitted with the 100% design review submittal.
- Final bid quantities and opinion of probable construction costs shall be submitted with the Final (signed and sealed) submittal.

Estimated Quantities Report (EQR), Summary of Quantities Sheets or Quantity Computation Books are not required.

Right of Way Cost Estimates

To be completed by the COUNTY.

Field Reviews:

WSP shall conduct one (1) site review prior to the 60% plans submittal and shall conduct one (1) additional site review prior to 100% plans submittal.

Driveway Harmonization:

WSP shall develop half sections for driveways along the project within the COUNTY'S right-of-way which must be modified in order to accommodate the proposed widening. The half sections at the modified driveways will ensure the driveway connection can meet FDOT Design Standards and tie into the existing right-of-way. There are approximately nineteen (19) total private driveways that will require reconstruction to accommodate the proposed widening.

Drainage Analysis/Documentation:

Stormwater runoff from the crowned roadway will continue to drain to the respective shoulder areas. The proposed roadway widening will add a 4-foot-wide strip of additional pavement to the western portion of the roadway. Drainage impacts due to the widening are not anticipated. Drainage flows will infiltrate into the ground as they currently do in existing conditions. There are no proposed improvements to the stormwater conveyance system.

Using the work performed under the Preliminary Engineering Report (PER), WSP will prepare drainage design documentation to support the project's Southwest Florida Water Management District (SWFWMD) Permit Exemption application.

Signing & Pavement Marking:

WSP must prepare the Signing & Pavement Marking Design file to include all necessary design elements and all associated reference files.

The existing centerline of Vaughn Road is a 6" yellow 10-30 skip. For the proposed improvements, the centerline will remain a 6" yellow 10-30 skip. A 6" white edge line will also be provided.

TASK 3: PROJECT PLANS PREPARATION

Construction Plans:

WSP shall prepare all plans necessary for construction. These plans shall be in accordance with the FDOT Greenbook (2018) and COUNTY standards and shall include the following (Scale; 1"=40')

- Key Sheet
- Signature Sheet
- Summary of Quantities
- Typical Section Sheets
- Typical Section Details
- General Notes
- Plan & Profile Sheets
- Special Detail Sheets
- Cross Sections
- Driveway Sections
- Signing and Pavement Marking Sheets
- Erosion Control
- Utility Adjustment Sheets
- Maintenance of Traffic Sheets

Deliverables:

- 60% Construction Plans
- 100% Construction Plans
- Final Construction Plans (signed and sealed)

TASK 4: UTILITY COORDINATION

Utility Coordination – WSP is responsible for coordinating its design work with the public and private utility agencies and companies having existing and/or planned facilities within the limits of the project.

WSP must provide the Utility Agent Owner's (UAO)'s project plans and/or CADD files at the 60% and Final design phase, as drafted by WSP. In the event that the project files are larger than UAO's email servers allow (Generally 10MB), WSP may be responsible for electronic plan and/or CADD file transfer as directed by the COUNTY. The COUNTY's and WSP's utility coordination responsibilities may continue throughout the design process to assist with resolving potential utility conflicts.

Utility Adjustment Plans – WSP must prepare utility adjustment sheets as part of the plan set to show existing public and private utilities to remain, detail design of utilities to be Relocated and utilities to be removed. Utility adjustment plans must be prepared on screened reproducible copies of the plan and cross section sheets (if applicable). The 60% design review submittal must include all existing utilities drawn on the plans and cross section sheets. WSP is to identify all potential conflicts based on the information provided by the utility agencies and companies and horizontal and vertical field investigations. The Final design review submittal must include final utility adjustment plans that reflect the final disposition of all public and private utilities.

WSP must coordinate with the COUNTY and utility agencies to determine areas of apparent potential conflict and confirm whether or not a conflict exists and degree of conflict. A utility matrix itemizing utility conflicts by company, must be prepared by the WSP, and provided to each utility located on the project. Four weeks, on an average, must be allowed for the utility agencies to respond with their color-coded plans submittal.

Final Agreements to Utilities (Final Plans) – WSP must transmit the necessary documents and plans to each utility company/agency as required. One complete set of plans and one partial set of plans (Key Sheet, Typical Section, Plan, Profile and Utility Adjustment Sheets) must be furnished to each involved utility agency.

Review and Acceptance – The ENGINEER must be responsible for making all necessary reviews and acceptance of utility related materials.

Certification – WSP must certify the following:

All utility negotiations (full execution of each agreement, technical special provisions written by utility company/agency, etc.) have been completed with arrangements made for utility work to be undertaken and completed as required for proper coordination with the physical construction schedule.

OR

An on-site inspection was made and no utility relocation work must be involved (and No Conflict Letter provided by the applicable utility company/agency).

OR

Plans were sent to the utility companies/agencies and no relocation/adjustments are required (and No Conflict Letter provided by the applicable utility company/agency).

Deliverables:

- 60% plans and letter to all UAOs
- Utility Conflict Matrix
- Final plans and letter to all UAOs
- Draft Utility Work Schedules
- Final Utility Work Schedules (signed) and/or No Conflict Letters

TASK 5: PERMITTING

WSP is responsible for preparing a Southwest Florida Water Management District (SWFWMD) Permit Exemption application and securing SWFWMD Exemption Permit.

COMPENSATION

WSP will perform the services described herein for a not-to-exceed fee of **\$158,670.69** as outlined in **Exhibit B-1** and summarized below:

| TASK | |
|-----------------------------------|---------------------|
| Task 1: General Tasks | \$29,730.59 |
| Task 2: Design Analysis | \$99,872.52 |
| Task 3: Project Plans Preparation | \$21,722.24 |
| Task 4: Utility Coordination | \$6,263.88 |
| Task 5: Permitting | \$685.13 |
| Expenses | \$395.69 |
| Total: | \$158,670.05 |

SCHEDULE

WSP will provide the above Scope of Services and initiate the work upon the Notice to Proceed from Polk County with an estimated schedule of 300 days. A task-specific schedule will be established upon Notice to Proceed and maintained through the duration of the Project. The project schedule may be modified due to circumstances that arise during the execution of the work if mutually agreed to by WSP and the COUNTY Project Manager.

COMPENSATION

Invoices will be submitted monthly as applicable, based upon the actual services performed, and expenses incurred as of the invoice date. If additional efforts become necessary during the performance of the assignment, WSP will immediately advise the COUNTY of any budget revisions.

This proposal is good for 30 days or the contract end date whichever is sooner. The terms and conditions of the Master Consulting Agreement (2022-098) dated October 4, 2022, between WSP USA, Inc. (WSP) and Polk County are incorporated by reference.

Sincerely,
WSP USA



POLK COUNTY RFP 22-242

| | Dir Labor | OH | FCCM | OM | Multiplier |
|-------|-----------|---------|--------|-----|------------|
| Field | 100% | 97.84% | 0.210% | 45% | 2.43 |
| Home | 100% | 129.19% | 0.210% | 45% | 2.74 |

| Classification | Direct Labor Rate | Loaded Rate |
|---------------------------------------|-------------------|-----------------|
| Chief Designer | \$86.01 | \$235.67 |
| Chief Engineer | \$100.54 | \$275.48 |
| Chief Environmental Consultant | \$81.60 | \$223.58 |
| Chief Planner | \$105.17 | \$288.17 |
| Chief Utility Coordinator | \$72.12 | \$197.61 |
| Designer | \$43.08 | \$118.04 |
| Engineer | \$58.66 | \$160.73 |
| Engineering Intern | \$45.60 | \$124.94 |
| Environmental Consultant | \$38.66 | \$105.93 |
| Hazardous Materials Consultant | \$37.03 | \$101.46 |
| Planner | \$33.16 | \$90.86 |
| Project Engineer | \$68.99 | \$189.03 |
| Project Manager | \$90.97 | \$249.26 |
| Project Planner | \$56.55 | \$154.95 |
| Secretary/Clerical | \$30.83 | \$84.47 |
| Senior Designer | \$61.00 | \$167.14 |
| Senior Engineer | \$86.62 | \$237.34 |
| Senior Hazardous Materials Consultant | \$56.07 | \$153.63 |
| Senior Planner | \$69.95 | \$191.66 |
| CEI Inspector | \$24.00 | \$58.32 |
| CEI Project Administrator | \$67.98 | \$165.19 |
| CEI Assistant Project Administrator | \$44.37 | \$107.82 |

Fran McAskill
Director
Procurement Division



330 West Church Street
P.O. Box 9005, Drawer AS05
Bartow, Florida 33831-9005
Phone: (863) 534-6757
Fax: (863) 534-6789
www.polk-county.net

EXHIBIT C

Board of County Commissioners

REIMBURSABLE COST SCHEDULE

1. **Reproduction Cost**

| A. Regular Copying | Single Side | Double Sided |
|----------------------------------|--------------|---------------|
| 8 ½ x 11 (black & white)..... | \$ 0.15/page | \$ 0.25/sheet |
| 8 ½ x 11 (color)..... | \$ 0.30/page | \$ 0.40/sheet |
| 8 ½ x 14 (black & white)..... | \$ 0.15/page | \$ 0.25/sheet |
| 8 ½ x 14 (color)..... | \$ 0.30/page | \$ 0.40/sheet |
| 11 x 17 (black & white)..... | \$ 0.25/page | \$ 0.35/sheet |
| 11 x 17 (color)..... | \$ 0.40/page | \$ 0.50/sheet |
| 9 ½ x 24 Single Side Only..... | \$ 1.00/page | |
| 17 x 22 Single Side Only..... | \$ 2.00/page | |
| 18 x 24 Single Side Only..... | \$ 2.00/page | |
| 24 x 36 Single Side Only..... | \$ 3.00/page | |
| 30 x 30 Single Side Only..... | \$ 5.00/page | |
| 32 x 34 Single Side Only..... | \$ 5.00/page | |
| Other sizes-per square inch..... | \$ 0.03/page | |
| Compact Digital Disk | \$ 6.00/disk | |
| B. Blueprint Copy | | \$10.00/page |
2. **Subcontractor Services (No markup permitted)** Actual Costs
3. **Special Consultants (No markup permitted)** Actual costs
4. **Computer Services** Non-reimbursable
5. **Travel Expenses** In accordance with Chapter 112.061, F.S.;
and further defined in the Polk County Employee Handbook.
6. **Postage, Fed Express, UPS** Actual Costs
7. **Pre-approved Equipment**
(includes purchase and rental of equipment used in project) Actual Costs

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

COUNTY CSA NO. 22-098-04

Name of Project: Vaughn Road Design and Permitting
 County: Polk County
 FPN: XXXXXXXX
 EAP No.: 10/1800

Consultant Name: WSP USA, Inc.
 Consultant No.: enter consultants proj. number
 Date: 4/7/2026

| Staff Classification | Hours From SH Firm | Chief Engineer | Project Manager | Chief Designer | Project Engineer | Designer | Sec/Clerical | Staff Classification 7 | Staff Classification 8 | Staff Classification 9 | Staff Classification 10 | Staff Classification 11 | Staff Classification 12 | SH By | Salary Cost By | Average Rate Per |
|--|--------------------|-------------------|--------------------|--------------------|--------------------|-------------------|-------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------|---------------------|------------------|
| 1. Project Common and Project General Tasks | 133 | 3 | 95 | 15 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 133 | \$29,731 | \$223.54 |
| 4. Roadway Analysis | 372 | 7 | 49 | 249 | 41 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 372 | \$33,643 | \$224.85 |
| 5. Roadway Plans | 107 | 1 | 10 | 11 | 70 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 | \$20,363 | \$180.31 |
| 6a. Drainage Analysis | 59 | 1 | 8 | 40 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | \$13,303 | \$225.47 |
| 7. Utilities | 33 | 0 | 4 | 3 | 21 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | \$5,254 | \$189.81 |
| 8. Environmental Permits and Env. Clearances | 4 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | \$695 | \$171.28 |
| 18. Signing & Pavement Marking Analysis | 13 | 0 | 2 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | \$2,927 | \$225.12 |
| 20. Signing & Pavement Marking Plans | 7 | 0 | 1 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | \$1,359 | \$194.16 |
| Total Staff Hours | 728 | 12 | 169 | 328 | 146 | 53 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 728 | \$169,274.36 | \$217.41 |
| Total Staff Cost | | \$3,305.76 | \$42,124.64 | \$77,299.78 | \$27,599.38 | \$6,236.12 | \$1,689.40 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | |

Survey Field Days by Subconsultant
 4 - Person Crew:

| | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------------|
| SALARY RELATED COSTS: | | | | | | | | | | | | | | | | |
| OVERHEAD: | | | | | | | | | | | | | | | | \$158,274.36 |
| OPERATING MARGIN: | | | | | | | | | | | | | | | | \$0.00 |
| FCM (Fees/Costs Capital Cost Money): | | | | | | | | | | | | | | | | \$0.00 |
| EXPENSES: | | | | | | | | | | | | | | | | \$393.89 |
| Survey, (Field - If by Prime) | | | | | | | | | | | | | | | | \$0.00 |
| SUBTOTAL ESTIMATED FEE: | | | | | | | | | | | | | | | | \$158,670.05 |
| Optional Services | | | | | | | | | | | | | | | | \$0.00 |
| GRAND TOTAL ESTIMATED FEE: | | | | | | | | | | | | | | | | \$158,670.05 |

- Notes:
1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

Project Activity 3: General Tasks

| Estimator: Anderson | | | | | | Vaughn Road Design & Permitting XXXXXXXXXX | | | | | |
|---|--|-------------------|-------------------|-----------------------|-------------|---|--|--|--|--|--|
| Representing | | | Print Name | | | Signature / Date | | | | | |
| Polk County | | | | | | | | | | | |
| WSP USA | | | | | | | | | | | |
| NOTE: Signature Block is optional, per District preference | | | | | | | | | | | |
| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments | | | | | |
| 3.1 | Public Involvement | | | | | | | | | | |
| 3.1.1 | Community Awareness Plan | LS | 1 | 0 | 0 | | | | | | |
| 3.1.2 | Notifications | LS | 1 | 0 | 0 | | | | | | |
| 3.1.3 | Preparing Mailing Lists | LS | 1 | 0 | 0 | | | | | | |
| 3.1.4 | Median Modification Letters | LS | 1 | 0 | 0 | | | | | | |
| 3.1.5 | Driveway Modification Letters | LS | 1 | 0 | 0 | To be completed by County | | | | | |
| 3.1.6 | Newsletters | LS | 1 | 0 | 0 | | | | | | |
| 3.1.7 | Renderings and Fly Throughs | LS | 1 | 0 | 0 | | | | | | |
| 3.1.8 | PowerPoint Presentation | LS | 1 | 0 | 0 | | | | | | |
| 3.1.9 | Public Meeting Preparations | LS | 1 | 0 | 0 | | | | | | |
| 3.1.10 | Public Meeting Attendance/Followup | LS | 1 | 0 | 0 | | | | | | |
| 3.1.11 | Other Agency Meetings | LS | 1 | 0 | 0 | | | | | | |
| 3.1.12 | Web Site | LS | 1 | 0 | 0 | | | | | | |
| 3.1 Public Involvement Subtotal | | | | | 0 | | | | | | |
| 3.2 | Joint Project Agreements | EA | 0 | 0 | 0 | | | | | | |
| 3.3 | Specifications & Estimates | | | | | | | | | | |
| 3.3.1 | Specifications Package Preparation | LS | 1 | 40 | 40 | Using County template, preparing Draft and Final Specifications | | | | | |
| 3.3.2 | Estimated Quantities Report Preparation | Report Components | 0 | Calculated Hours 0 | 0 | | | | | | |
| 3.4 | Contract Maintenance and Project Documentation | LS | 1 | 44 | 44 | Initial Set Up at 20 hours at 2 hours per month at 12 months; includes preparation of monthly progress report and invoicing | | | | | |
| 3.5 | Value Engineering (Multi-Discipline Team) Review | LS | 1 | 0 | 0 | | | | | | |
| 3.6 | Prime Consultant Project Manager Meetings | LS | 1 | 40 | 40 | See listing below | | | | | |
| 3.7 | Plans Update | LS | 1 | 0 | 0 | | | | | | |

Project Activity 3. General Tasks

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|--|--|-------|-------------|-------------|-------------|---|
| 3.8 | Post Design Services | LS | 1 | 0 | 0 | To be completed under separate task work order |
| 3.9 | Digital Delivery | LS | 1 | 3 | 3 | 1 hour per phase subinitial (3 total) |
| 3.10 | Risk Assessment Workshop | LS | 1 | 0 | 0 | |
| 3.11 | Railroad, Transit, and/or Airport Coordination | LS | 1 | 0 | 0 | |
| 3.11.1 | Aeronautical Evaluation | LS | 1 | 0 | 0 | |
| 3.12 | Landscape and Existing Vegetation Coordination | LS | 1 | 0 | 0 | |
| 3.13 | Other Project General Tasks | LS | 1 | 6 | 6 | Development and maintenance of project schedule |
| 3. Project Common and Project General Tasks Total | | | | | 133 | |
| 3.6 - List of Project Manager Meetings | | | | | | |
| | Roadway Analysis | EA | 3 | 2 | 6 | |
| | Drainage | EA | 0 | 0 | 0 | |
| | Selective C&G | EA | 0 | 0 | 0 | |
| | Utilities | EA | 0 | 0 | 0 | |
| | Environmental | EA | 0 | 0 | 0 | |
| | Structures | EA | 0 | 0 | 0 | |
| | Signing & Pavement Marking | EA | 0 | 0 | 0 | |
| | Signalization | EA | 0 | 0 | 0 | |
| | Lighting | EA | 0 | 0 | 0 | |
| | Landscape Architecture | EA | 0 | 0 | 0 | |
| | Survey | EA | 0 | 0 | 0 | |
| | Photogrammetry | EA | 0 | 0 | 0 | |
| | ROW & Mapping | EA | 0 | 0 | 0 | |
| | Terrestrial Mobile LIDAR | EA | 0 | 0 | 0 | |
| | Architecture | EA | 0 | 0 | 0 | |
| | Noise Barriers | EA | 0 | 0 | 0 | |
| | ITS Analysis | EA | 0 | 0 | 0 | |
| | Geotechnical | EA | 0 | 0 | 0 | |
| | Progress Meetings | EA | 10 | 1 | 10 | Monthly progress meetings with County PM |
| | Phase Reviews | EA | 2 | 12 | 24 | 2 In-person phase review meetings @ 2 ppl X 6 hrs/ppl (includes preparation, meeting and meeting minutes) |
| | Field Reviews | EA | 0 | 0 | 0 | |
| | Total Project Manager Meetings | | 15 | | 40 | Total PM Meeting Hours carries to Task 3.6 above |

Notes:
1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.

Project Activity 3: General Tasks

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|--|------|-------|-------------|-------------|-------------|----------|
| 2. Do not double count agency meetings between permitting agencies. | | | | | | |
| 3. Project manager meetings are calculated in each discipline sheet and brought forward to Column D. | | | | | | |

| 4. Roadway Analysis Staff Hours | | | | | | | | | |
|--|--|---|------------------------------|------------|------------------|------------|------------|---------------|---|
| Task No. | Task | Project Parameter | | | Staff Hours | | | Documentation | What is the overall project complexity? (See Roadway Guidelines) |
| | | Description | Units | Complexity | Calculated | Department | Consultant | | |
| NOTE: Signature block is optional, per District preference | | | | | | | | | |
| | Representing | Print Name | | | Signature / Date | | | | |
| | | Polk County | | | | | | | |
| | | WSP USA | | | | | | | |
| 4.1 | Typical Section Packages | Cover | 0 | 0 | 0 | 0 | 0 | 0 | Completed in PER |
| | | Typical | 2-Lane FS & Ramps | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Typical | Multi-Lane FS | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Typical | LA w/ Barrier & Multi-Lane C | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.2 | Pavement Type Selection Report | Report | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Report & Assembly | MID | 0 | 0 | 0 | 0 | 0 | Completed in PER |
| 4.3 | Pavement Design Package | Pavement Design | 1 | 0 | 0 | 0 | 0 | 0 | Completed in PER |
| | | Other Roads & Structures | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | X-Slope Measurement | 0.00 | 0 | 0 | 0 | 0 | 0 | |
| | | Divided Roadway | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4.4 | Cross Slope Analysis (sides and shoulders) | Compensate for Roadway | 0.00 | 0 | 0 | 0 | 0 | 0 | N/A |
| | | X-Slope Measurement | 0.00 | 0 | 0 | 0 | 0 | 0 | |
| | | X-Slope Measurement | 0.00 | 0 | 0 | 0 | 0 | 0 | |
| | | HSR Assessment | 0 | 0 | 0 | 0 | 0 | 0 | N/A |
| 4.5 | Safety Analysis | Crash Analysis | 0 | 0 | 0 | 0 | 0 | 0 | N/A |
| | | Monitor Evid. Structures | MID | 0 | 0 | 0 | 0 | 0 | N/A |
| 4.6 | Design Analysis | Access | 0.00 | 0 | 0 | 0 | 0 | 0 | |
| | | Roundabout | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Roundabout 1x1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Roundabout 1x2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4.7 | Operational Analysis | Roundabout | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Roundabout 2x2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Roundabout | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | RRR | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4.8 | Design Reports | Other Reports | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Version Memo | 1 | 0 | 0 | 0 | 0 | 0 | Variances documentation for design criteria not conforming to the minimum Florida Greenbook requirements |
| | | Formal Design | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Design | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4.9 | Design Validations and Exceptions | Master Design File Setup & Maintenance, Model Management Plan | 1 | 0 | 0 | 0 | 0 | 0 | Master file set up |
| | | LS | 0 | 0 | 0 | 0 | 0 | 0 | |
| 4.10 | Horizontal/Vertical Master Design Files | Master Design File Setup & Maintenance, Model Management Plan | 0.34 | MID | 74 | 0 | 0 | 0 | Includes all work to create elements showing the alignment for both horizontal and vertical geometries of proposed roadway alignment (existing (and proposed) utilities in plan and profile portion of plan sheet. Plan scale is at 1" = 40'. Project length = 0.34 miles |
| | | Mainline | MID | 74 | 0 | 0 | 0 | 0 | |
| | | Side Road & Frontage Road | MID | 0 | 0 | 0 | 0 | 0 | |
| | | Frontage Road | MID | 0 | 0 | 0 | 0 | 0 | |
| 4.11 | 3D Modeling Development | Mainline | 0.00 | MID | 0 | 0 | 0 | 0 | N/A |
| | | Side Road & Frontage Road | 0.00 | MID | 0 | 0 | 0 | 0 | |
| | | Frontage Road | 0.00 | MID | 0 | 0 | 0 | 0 | |
| | | Mainline | 0.00 | MID | 0 | 0 | 0 | 0 | |
| | TTCP Analysis | Side Road & Frontage Road | 0.00 | MID | 40 | 0 | 0 | 0 | Analysis for MOT |
| | | Frontage Road | 0.00 | MID | 40 | 0 | 0 | 0 | |
| | | AMC Fee | 0 | MID | 40 | 0 | 0 | 0 | |
| | | LS | 1 | MID | 40 | 0 | 0 | 0 | |
| 4.12 | TTCP Master Design Files | Length (Time-Mile) | 0.00 | MID | 0 | 0 | 0 | 0 | |
| | | Production | 0 | | 0 | 0 | 0 | 0 | |
| | | Locations | 0 | | 0 | 0 | 0 | 0 | |
| | | TTCP 3D Modeling (Included Locations) | 0 | | 0 | 0 | 0 | 0 | |
| 4.13 | Utility Data Collection & Analysis | LS | 1 | MID | 12 | 0 | 0 | 0 | Assume 5 UACs (G.T., Fiberlight, Frontage, Polk County and TECO) |
| | | Length (Mile) | 0.34 | MID | 4 | 0 | 4 | 0 | Development of roadway quantities |
| 4.14 | Roadway Quantities for EIR Report | Frontage Road | 0 | | 0 | 0 | 0 | 0 | |
| | | Validation | 0 | MID | 0 | 0 | 0 | 0 | |
| | | Major Projects | 1 | Range | 6 | 0 | 6 | 0 | Development of MOT quantities |
| | | Engineer Estimate | 3 | MID | 36 | 0 | 36 | 0 | Development of engineer estimates 3 total (90/100/Fin) |
| 4.15 | Cost Estimate | LRE Updates | 0 | MID | 0 | 0 | 0 | 0 | |
| | | TSRs & MSPs | 0 | | 0 | 0 | 0 | 0 | Included in Project General Task |
| 4.16 | Technical or Modified Special Provisions | Other Analysis | | | 93 | 0 | 93 | 0 | Driveway analysis and development of driveway sections = 10 driveways X 3 hrs/driveway = 67 hrs According to County review comments: 2 submittals X 8 hrs/submittal = 16 hrs Developing existing and proposed utilities within master design files (plan and cross sections), 4 hrs X 5 UACs = 20 hrs |
| | | Field Reviews (listed below) | | | 8 | 0 | 8 | 0 | |
| | | Trial Time | | | 0 | 0 | 0 | 0 | |
| | | LS | | | 0 | 0 | 0 | 0 | |
| 4.17 | Roadway Meetings (listed below) | Meetings | 3 | | 6 | 0 | 6 | 0 | |
| | | Supervision | 1 | | 16 | 0 | 16 | 0 | |
| 4.18 | Quality Assurance/Quality Control | LS | 1 | | 16 | 0 | 16 | 0 | |
| | | Roadway Analysis Technical Submittal | | | 315 | 0 | 315 | 0 | |
| 4.19 | Coordination | LS | 1 | | 11 | 0 | 11 | 0 | |
| | | Roadway Analysis Non-Technical Submittal | | | 372 | 0 | 372 | 0 | |

| Field Reviewers | | | | # of Staff | Start Time (per shift) | Review Time (per shift) | Total Field Review Hours |
|-----------------------------|---|---|---|------------|------------------------|-------------------------|--------------------------|
| Field Reviewer #1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Field Reviewer #2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Field Reviewer #3 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Field Reviewer #4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total=24 Field Review Hours | | | | | | | |

| Representing | | Print Name | | Signature / Date | | |
|--|------|-------------|-------------------|------------------|------------|---------------|
| Polk County WSP USA | | | | | | |
| NOTE: Signature block is optional, per District preference | | | | | | |
| Task No. | Task | Description | Project Parameter | | | Documentation |
| | | | Complexity | Units | Calculated | |
| Staff Hours | | | | | | |
| Department | | | | | | |
| Consistent | | | | | | |
| Negotiated | | | | | | |
| Provide documentation when negotiated hours differ from the calculated hours | | | | | | |
| Signature / Date | | | | | | |

| 5. Roadway Plans Staff Hours | | | | | |
|--|--|--|--|--|--|
| Vaughn Head (Length) and Preliminary | | | | | |
| Representing | | | | | |
| Polk County | | | | | |
| WSP USA | | | | | |
| NOTE: Signature block is optional, per District preference | | | | | |
| Project Parameter | | | | | |
| Staff Hours | | | | | |
| Documentation | | | | | |
| Task | | | | | |
| What is the overall project complexity? (See Roadway Guidelines) | | | | | |
| Key Sheet | | | | | |
| Signature Sheet | | | | | |
| Typical Section Sheets | | | | | |
| Cross Section Checkpoint Details | | | | | |
| General Notes/Plan Notes | | | | | |
| Project Layout/Model Management | | | | | |
| Plan View (Plan Sheets) | | | | | |
| Profile View (Profile Sheets) | | | | | |
| Special Problems | | | | | |
| Interchange Profile | | | | | |
| Interchange | | | | | |
| Ramp Terminal | | | | | |
| Details | | | | | |
| Scale Survey Sheets | | | | | |
| Cross Sections | | | | | |
| Adjustments | | | | | |
| TTC Notes | | | | | |
| Length (Miles) | | | | | |
| Critical Cross | | | | | |
| TTC Details | | | | | |
| Utility Adjustment Sheets | | | | | |
| Project Control Sheets | | | | | |
| Utility Verification Data (SUE) | | | | | |
| Quality Assurance/Quality Control | | | | | |
| Supervision | | | | | |
| Roadway Plans Technical Hours Subtotal | | | | | |
| Roadway Plans Total | | | | | |
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Project Activity 7: Utilities

Estimate:

Vaughn Road Design and Permitting
XXXXXXXXXX

| Representing | Print Name | Signature / Date |
|--------------|------------|------------------|
| Polk County | | |
| WSP USA | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No of Units | Hours/ Unit | Total Hours | Comments |
|---------------------------|---|-------|-------------|-------------|-------------|---|
| 7.1 | Utility Kickoff Meeting | LS | 1 | 0 | 0 | Meeting is listed below |
| 7.2 | Identify Existing Utility Agency Owner(s) | LS | 1 | 0 | 0 | Completed under PER |
| 7.3 | Make Utility Contacts | LS | 1 | 0 | 0 | |
| 7.4 | Exception Processing | LS | 1 | 0 | 0 | |
| 7.5 | Preliminary Utility Meeting | LS | 1 | 0 | 0 | Meeting is listed below |
| 7.6 | Individual/Field Meetings | LS | 1 | 0 | 0 | Meetings are listed below |
| 7.7 | Collect and Review Plans and Data from UAO(s) | LS | 1 | 10 | 10 | 5 UAOs: 2 submittals X 1 hr/UAO = 10 hrs |
| 7.8 | Subordination of Easements Coordination | LS | 1 | 0 | 0 | |
| 7.9 | Utility Design Meeting | LS | 1 | 0 | 0 | Meeting is listed below |
| 7.10 | Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements | LS | 1 | 0 | 0 | |
| 7.11 | Utility Coordination/Followup | LS | 1 | 0 | 0 | |
| 7.12 | Utility Constructability Review | LS | 1 | 0 | 0 | |
| 7.13 | Additional Utility Services | LS | 1 | 8 | 8 | Development and maintenance of utility matrix |
| 7.14 | Processing Utility Work by Highway Contractor (UWHC) | LS | 1 | 0 | 0 | |
| 7.15 | Contract Plans to UAO(s) | LS | 1 | 10 | 10 | 5 UAOs: 2 submittals X 1 hr/UAO = 10 hrs |
| 7.16 | Certification/Close-Out | LS | 1 | 5 | 5 | 5 UAOs: 1 hr/UAO = 5 hrs |
| 7.17 | Other Utilities | LS | 1 | 0 | 0 | |
| 7. Utilities Total | | | | | 33 | |

Project Activity 7: Utilities

| Technical Meetings | Units | No of Units | Hours/ Unit | Total Hours | Comments | PM Attendance at Meeting Required? | Number |
|--|-------|-------------|-------------|-------------|--|------------------------------------|----------|
| Kickoff (see 7.1) | EA | 0 | 0 | 0 | | | 0 |
| Preliminary Meeting (see 7.5) | EA | 0 | 0 | 0 | | | 0 |
| Individual UAO Meetings (see 7.6) | EA | 0 | 0 | 0 | | | 0 |
| Field Meetings (see 7.6) | EA | 0 | 0 | 0 | | | 0 |
| Design Meeting (see 7.9) | EA | 0 | 0 | 0 | | | 0 |
| Other Meetings (this is automatically added into Utilities Total (cell F27)) | EA | 0 | 0 | 0 | | | 0 |
| Total Meetings | | | | 0 | Total Project Manager Meetings (carries to Tab 3) | | 0 |

Carries to Tab 3

Project Activity 8: Environmental Permits

Estimator: Anderson

Vaughn Road Design and Permitting
XXXXXXXX

| | | |
|---------------------|-------------------|-------------------------|
| Representing | Print Name | Signature / Date |
| Polk County | | |
| WSP USA | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments |
|---|---|---------------|--------------|--------------|-------------|-----------------------|
| Environmental Permits and Environmental Clearances | | | | | | |
| 8.1 | Preliminary Project Research | LS | 1 | 0 | 0 | |
| | Permits | | | | | |
| 8.2 | Field Work | | | | | |
| 8.2.1 | Pond Site Alternatives | per pond site | 0 | 0 | 0 | |
| 8.2.2 | Establish Wetland Jurisdictional Lines and Assessments | LS | 1 | 0 | 0 | |
| 8.2.3 | Species Surveys | LS | 1 | 0 | 0 | |
| 8.3 | Agency Verification of Wetland Data | LS | 1 | 0 | 0 | |
| 8.4 | Complete And Submit All Required Permit Applications | | | | | |
| 8.4.1 | Complete and Submit All Required Wetland Permit Applications | LS | 1 | 0 | 0 | |
| 8.4.2 | Complete and Submit All Required Species Permit Applications | LS | 1 | 4 | 4 | Exemption Application |
| 8.5 | Coordinate and Review Dredge and Fill Sketches | LS | 1 | 0 | 0 | |
| 8.6 | Complete and Submit Documentation for Coordination and/or USCG Bridge Permit Application | | | | | |
| 8.6.1 | Prepare and submit required documents for USCG coordination | LS | 1 | 0 | 0 | |
| 8.6.2 | Complete and submit USCG Bridge Application | LS | 1 | 0 | 0 | |
| 8.7 | Prepare Water Management District or Local Water Control District Right of Way Occupancy Permit Application | LS | 1 | 0 | 0 | |
| 8.8 | Prepare Coastal Construction Control Line (CCCL) Permit Application | LS | 1 | 0 | 0 | |
| 8.9 | Prepare USACE Section 408 Application to Alter a Civil Works Project | LS | 1 | 0 | 0 | |
| 8.10 | Compensatory Mitigation Plan | LS | 1 | 0 | 0 | |
| 8.11 | Mitigation Coordination and Meetings | LS | 1 | 0 | 0 | |
| 8.12 | Regulatory Agency Support | LS | 1 | 0 | 0 | |

Project Activity 8: Environmental Permits

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments |
|----------|--|-------|--------------|--------------|-------------|------------------------------------|
| 8.13 | Other Environmental Permits | LS | 1 | 0 | 0 | |
| | Environmental Clearances, Reevaluations, and Technical Support | | | | | |
| 8.14 | Technical support to the Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only) | | | | | |
| 8.14.1 | NEPA or SEIR Reevaluation | LS | 1 | 0 | 0 | |
| 8.14.2 | Archaeological and Historical Resources | LS | 1 | 0 | 0 | |
| 8.14.3 | Section 4(f), 6(f), and ARC | LS | 1 | 0 | 0 | |
| 8.14.4 | Wetland Impact Analysis | LS | 1 | 0 | 0 | |
| 8.14.5 | Essential Fish Habitat Impact Analysis | LS | 1 | 0 | 0 | |
| 8.14.6 | Protected Species and Habitat Impact Analysis | LS | 1 | 0 | 0 | |
| 8.15 | Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation) | | | | | |
| 8.15.1 | NEPA or SEIR Reevaluation | LS | 1 | 0 | 0 | |
| 8.15.2 | Archaeological and Historical Resources | LS | 1 | 0 | 0 | |
| 8.15.3 | Section 4(f), 6(f), and ARC | LS | 1 | 0 | 0 | |
| 8.15.4 | Wetland Impact Analysis | LS | 1 | 0 | 0 | |
| 8.15.5 | Essential Fish Habitat Impact Analysis | LS | 1 | 0 | 0 | |
| 8.15.6 | Protected Species and Habitat Impact Analysis | LS | 1 | 0 | 0 | |
| | Contamination Analysis | | | | | |
| 8.16 | Contamination Impact Analysis | LS | 1 | 0 | 0 | |
| 8.17 | Asbestos Survey | LS | 1 | 0 | 0 | |
| | Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal | | | | 4 | |
| 8.18 | Technical Meetings | LS | 1 | 0 | 0 | Meetings are listed below |
| 8.19 | Quality Assurance/Quality Control | LS | % | 0% | 0 | |
| 8.20 | Supervision | LS | % | 0% | 0 | |
| | Environmental Permits and Environmental Clearances Nontechnical Subtotal | | | | 0 | |
| 8.21 | Coordination | LS | % | 0% | 0 | |
| | 8. Environmental Permits and Environmental Clearances Total | | | | 4 | |
| | Technical Meetings | Units | No of Units | Hours/ Unit | Total Hours | Comments |
| | | | | | | PM Attendance at Meeting Required? |
| | | | | | | Number |

Project Activity 8: Environmental Permits

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments | |
|---|------|-------|--------------|--------------|-------------|--|----|
| WMD | | EA | 0 | 0 | 0 | | 0 |
| NMFS | | EA | 0 | 0 | 0 | | 0 |
| USACE | | EA | 0 | 0 | 0 | | 0 |
| USCG | | EA | 0 | 0 | 0 | | 0 |
| USFWS | | EA | 0 | 0 | 0 | | 0 |
| FFWCC | | EA | 0 | 0 | 0 | | 0 |
| FDOT | | EA | 0 | 0 | 0 | | 0 |
| Other Meetings | | EA | 0 | 0 | 0 | | 0 |
| Subtotal Technical Meetings | | | | | 0 | Subtotal Project Manager Meetings | 0 |
| Progress Meetings (if required by FDOT) | | EA | 0 | 0 | 0 | PM attendance at Progress Meetings is manually entered on General Task 3 | -- |
| Phase Review Meetings | | EA | 0 | 0 | 0 | PM attendance at Phase Review Meetings is manually entered on General Task 3 | -- |
| Total Meetings | | | | | 0 | Total Project Manager Meetings (carries to Tab 3) | 0 |

Project Activity 19: Signing and Pavement Marking Analysis

Estimator: Anderson

Vaughn Road Design and Permitting
XXXXXXXXXX

| Representing | Print Name | Signature / Date |
|--------------|------------|------------------|
| Polk County | | |
| WSP USA | | |

NOTE: Signature Block is optional, per District preference

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments |
|--|--|---|------------------------|------------------------|-------------|--|
| 19.1 | Traffic Data Analysis | LS | 1 | 0 | 0 | |
| 19.2 | No Passing Zone Study | LS | 1 | 0 | 0 | |
| 19.3 | Signing and Pavement Marking Master Design File | LS | 1 | 8 | 8 | Master design file |
| 19.4 | Multi-Post Sign Support Calculations | EA | 1 | 0 | 0 | |
| 19.5 | Sign Panel Design Analysis | EA | 1 | 0 | 0 | |
| 19.6 | Sign Lighting/Electrical Calculations | EA | 1 | 0 | 0 | |
| 19.7 | S&PM Quantities for EQ Report | Length (Miles) Complexity Interchanges Rest Areas | 0.34 Low Range 0 | Calculated Hours 15 | 0 | Quantities |
| 19.8 | Cost Estimate | LS | 1 | 3 | 3 | Development of engineer estimates 3 total (60/100/Final) |
| 19.9 | Technical Special Provisions and Modified Special Provisions | LS | 1 | 0 | 0 | |
| 19.10 | Other Signing and Pavement Marking | LS | 1 | 0 | 0 | |
| Signing and Pavement Marking Analysis Technical Subtotal | | | | | 11 | |
| 19.11 | Field Reviews | LS | 1 | 0 | 0 | |
| 19.12 | Technical Meetings | LS | 1 | 0 | 0 | Meetings are listed below |
| 19.13 | Quality Assurance/Quality Control | LS | % | 5% | 1 | |
| 19.14 | Independent Peer Review | LS | % | 0% | 0 | |
| 19.15 | Supervision | LS | % | 5% | 1 | |
| Signing and Pavement Marking Analysis Nontechnical Subtotal | | | | | 2 | |
| 19.16 | Coordination | LS | % | 0% | 0 | |
| 19. Signing and Pavement Marking Analysis Total | | | | | 13 | |

Project Activity 19: Signing and Pavement Marking Analysis

| Task No. | Task | Units | No. of Units | Hours/ Units | Total Hours | Comments | | Number |
|--------------------|---|-------|--------------|--------------|-------------|--|--|--------|
| Technical Meetings | | | | | | Comments | PM Attendance at Meeting Required? | Number |
| | Sign Panel Design | EA | 0 | 0 | 0 | | | 0 |
| | Queue Length Analysis | EA | 0 | 0 | 0 | | | 0 |
| | Local Governments (cities, counties) | EA | 0 | 0 | 0 | | | 0 |
| | Other Meetings | EA | 0 | 0 | 0 | | | 0 |
| | Subtotal Technical Meetings | | | | 0 | | Subtotal Project Manager Meetings | 0 |
| | Progress Meetings (if required by FDOT) | EA | 0 | 0 | 0 | PM attendance at Progress Meetings is manually entered on General Task 3 | | -- |
| | Phase Review Meetings | EA | 0 | 0 | 0 | PM attendance at Phase Review Meetings is manually entered on General Task 3 | | -- |
| | Total Meetings | | | | 0 | | Total Project Manager Meetings (carries to Tab 3) | 0 |

Carries to 19.12

Carries to Tab 3

Vaughn Road Design and Permitting
XXXXXXXXXX