



Exhibit B

POLK COUNTY
FEE SCHEDULE
2022

Job Classification	Range of Direct		Range of Hourly	
	Min	Max	Min	Max
Principal	\$65.65	\$134.34	\$176.07	\$360.29
Associate	\$56.23	\$89.23	\$150.80	\$239.31
Senior Project Manager	\$53.17	\$84.57	\$142.60	\$226.81
Project Manager	\$28.93	\$56.42	\$77.59	\$151.31
Senior Engineer/Scientist Professional	\$33.53	\$66.13	\$89.92	\$177.35
Engineer/Scientist Professional	\$18.35	\$49.45	\$49.21	\$132.62
Technician	\$16.67	\$43.50	\$44.71	\$116.66
Administrative Staff	\$15.72	\$36.23	\$42.16	\$97.17
Survey Crew (4 Person)	\$63.75	\$86.46	\$170.97	\$231.88
Survey Crew (3 Person)	\$52.24	\$73.74	\$140.10	\$197.76
Survey Crew (2 Person)	\$38.25	\$56.05	\$102.58	\$150.32

*WOOD will update the rate schedule multiplier annually and submit for approval

EXHIBIT B-1
 Polk County Roads and Drainage
 Vaughn Road Improvements PER
 WSP Project No. 600839.2
 November 2, 2023

Activity	Total Staff Hours From "SH Summary - Firm"	Principal	Senior Project Manager	Senior Project Professional	Project Engineer Professional	Technician	Admin Staff	Geo Associate Eng	Geo Senior Eng	Geo Eng II	Staff Classification 12	Staff Classification 12	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$265.00	\$225.00	\$185.00	\$141.00	\$125.00	\$104.00	\$225.00	\$141.00	\$125.00	\$0.00	\$0.00	\$0.00			
General Tasks	100	2	72	11	0	0	15	0	0	0	0	0	0	100	\$20,325	\$203.25
Engineering Analysis & Report	325	7	42	217	36	23	0	0	0	0	0	0	0	325	\$59,401	\$182.77
Geotechnical	117	0	0	0	0	8	2	16	77	14	0	0	0	117	\$17,415	\$148.85
Total Staff Hours	542	9	114	228	36	31	17	16	77	14	0	0	0	542		
Total Staff Cost		\$2,385.00	\$25,650.00	\$42,180.00	\$5,076.00	\$3,875.00	\$1,768.00	\$3,600.00	\$10,857.00	\$1,750.00	\$0.00	\$0.00	\$0.00		\$97,141.00	\$179.23

Survey Field Days by Subconsultant
 4 - Person Crew:

SALARY RELATED COSTS:			\$97,141.00
OVERHEAD:	0.00%		\$0.00
OPERATING MARGIN:	0.00%		\$0.00
FCCM (Facilities Capital Cost Money):	0.00%		\$0.00
EXPENSES:	0.60%		\$583.00
SALARY RELATED SUBTOTAL:			\$97,724.00
Survey (Field - if by Prime)	0.00	4-man crew days @ \$ - / day	\$0.00
Laboratory Testing			\$2,946.00
SUBTOTAL - PRIME			\$100,670.00
Subconsultant: Madrid/CPWG			\$6,777.00
SUBTOTAL ESTIMATED FEE:			\$107,447.00
Optional Services/Contingency			\$5,000.00
GRAND TOTAL ESTIMATED FEE:			\$112,447.00

- 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.
 3. Enter the rate for each classification in Row 9.

**PROJECT DEVELOPMENT & ENVIRONMENT
PROJECT DATA**

Estimator:

Vaughn Road Improvements PER
XXXXXXXX

Representing	Print Name	Signature / Date
2-Nov-23		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	# of Units	Hours / Unit	Hours	Comments
NOTE: * subject to QC						
2.2	Project Requirements and Provisions for Work					
	2.2.6 Meetings and Presentations	LS			42	see table below
	2.2.9 Schedule *	LS	1	0	0	
	2.2 Project Requirements and Provisions Work Total				42	
2.3	Coordination with Other Consultants and Entities	LS	1	6	6	Coordination with County survey and geotechnical sub consultant
2.4	Contract Management	LS	1	52	52	Initial Set Up at 20 hours at 4 hours per month at 8 months
2.5	Additional Services					
	2.5.1 Alternative Corridor Evaluation *	LS	1	0	0	N/A
	2.5.2 Advance Notification					N/A
	Advance Notification *	LS	1	0	0	N/A
	Preliminary Environmental Discussion *	LS	1	0	0	N/A
	2.5.3 Scoping (EIS Only)					N/A
	Set up/Scoping Package*	LS	1	0	0	N/A
	Participation and notes	LS	1	0	0	N/A
	2.5.4 Notice of Intent (EIS Only) *	LS	1	0	0	N/A
	2.5.5 Transit Coordination Plan *	LS	1	0	0	N/A
	2.5.6 Miscellaneous Services *	LS	1	0	0	N/A
	2.5 Additional Services Total				0	
2.7	Optional Services	LS	1	0	0	
Project Description and Objectives Subtotal					100	
Roadway	Concepts	EA	1	8	8	Virtual monthly meeting with Dewberry: 1 person @ 1 hr X 8 months
Drainage	Pond Siting	EA	1	0	0	
	FDOT Drainage	EA	1	0	0	
	Agency (Drainage)	EA	1	4	4	Virtual Meeting (County) to discuss preliminary drainage design/approach: 2 ppl @ 2 hrs/person, includes meeting minutes
Structures	FDOT Structures	EA	1	0	0	
	WMD	EA	1	2	2	Virtual Meeting Pre App with SWFWMD; 2 ppl @ 1 hr/person
	NMFS	EA	1	0	0	
	USACE	EA	1	0	0	
	USCG	EA	1	0	0	

**PROJECT DEVELOPMENT & ENVIRONMENT
PROJECT DATA**

Task No.	Task	Units	# of Units	Hours / Unit	Hours	Comments
Environmental	USFWS	EA	1	0	0	
	NPS	EA	1	0	0	
	SHPO	EA	1	0	0	
	USFS	EA	1	0	0	
	FFWCC	EA	1	0	0	
	USDA & NRCS	EA	1	0	0	
	USDOJ	EA	1	0	0	
	Noise Coordination	EA	1	0	0	
	Cultural Resources Coordination	EA	1	0	0	
	FDEP	EA	1	0	0	
	FDOT Environmental	EA	1	0	0	
Traffic	Traffic Methodology	EA	1	0	0	
	Traffic Design	EA	1	0	0	
	Traffic Analysis	EA	1	0	0	
Utilities and Railroad	UAO & DUO	EA	1	0	0	
	Railroad Office	EA	1	0	0	
Tolls	Tolls	EA	1	0	0	
PM / EMO	Local Governments (cities, counties, MPO)	EA	1	0	0	
Subtotal Technical Meetings					18	
	Progress Meetings (if required by County)	EA	8	2	16	Monthly progress meetings with County PM; includes agenda/meeting minutes
	Phase Review Meetings	EA	2	4	8	2 meetings to discuss comments / responses to Draft and Final PER
	Misc. Review Meetings	EA	1	0	0	
Total Meetings					42	Carry to task 2.2.6

**PROJECT DEVELOPMENT & ENVIRONMENT
PROJECT DATA**

Estimator:

Vaughn Road Improvements PER

XXXXXXXX

Representing	Print Name	Signature / Date
2-Nov-23		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	# of Units	Hours / Unit	Hours	Comments
NOTE: * subject to QC						
4.1	Review of Previous Studies	LS	1	4	4	Review of Fire Station site plans
4.2	Existing Conditions Analysis					
	<i>Data Collection</i>	LS	1	4	4	
	<i>Field Review</i>	LS	2	8	16	<i>Two field review with two people each at 8 hours per field review (includes PER documentation)</i>
	4.2 Existing Conditions Analysis Total				20	
4.3	Survey					
	<i>4.3.1 Survey Design *</i>	LS	1	0	0	<i>Completed by the County</i>
	<i>Survey Coordination</i>	LS	1	0	0	<i>N/A</i>
	<i>4.3.2 Photogrammetry *</i>	LS	1	0	0	<i>N/A</i>
	<i>Aerial Photography</i>	LS	1	0	0	<i>N/A</i>
	4.3 Survey Total				0	
4.4	Geotechnical Investigation					
	<i>Soils</i>	LS	1	0	0	<i>See Section 3</i>
	<i>Geotechnical Coordination</i>	LS	1	0	0	<i>See Section 3</i>
	<i>Geotechnical Design Services *</i>	LS	1	0	0	<i>See Section 3</i>
	4.4 Geotechnical Investigation Total				0	
4.5	Traffic Analysis					
	<i>4.5.3 Vehicle Class. Counts on Roadway Segments and Ramps *</i>	LS	1	0	0	<i>N/A</i>
	<i>4.5.13 Interchange Access Request *</i>	LS	1	0	0	<i>N/A</i>
	<i>4.5.14 Traffic Data for Noise Study *</i>	EA	0	0	0	<i>N/A</i>
	<i>4.5.15 Traffic Data for Air Quality Analysis *</i>	EA	0	0	0	<i>N/A</i>
	<i>4.5.16 Signalization Analysis *</i>	LS	1	0	0	<i>N/A</i>
	4.5 Traffic Analysis Total				0	

**PROJECT DEVELOPMENT & ENVIRONMENT
PROJECT DATA**

Task No.	Task	Units	# of Units	Hours / Unit	Hours	Comments
4.6	Signage *	LS	1	0	0	N/A
4.7	Tolling Concepts *	LS	1	0	0	N/A
4.8	Safety					
	4.8.1 Crash Data *	LS	1	0	0	N/A
	4.8.2 Safety Analysis					
	Historical Crash Analysis *	LS	1	0	0	N/A
	HSM Safety Analysis *	LS	1	0	0	N/A
	4.8.3 Documentation of Safety Analysis *	LS	1	0	0	N/A
	4.8 Safety Total				0	
4.9	Utilities and Railroads					
	4.9.1 Utilities *	EA	1	0	0	N/A
	4.9.2 Railroad *	EA	1	0	0	N/A
	4.9 Utilities and Railroads Total				0	
4.10	Roadway Analysis					
	4.10.1 Design Controls and Criteria *	LS	1	4	4	
	4.10.2 Typical Section Analysis *	EA	2	8	16	Assume two typical sections (1 - Sheffield to Kensington View Blvd; 2 - Kensington View Blvd to northern terminus) at 8 hours per typical
	4.10.3 Geometric Design*	LS	1	40	40	Concept design Vaughn Rd
	4.10.4 Intersections and Interchange Evaluation *	EA	1	8	8	Analysis at Sheffield Rd and connection to Fire Station site plans
	4.10.5 Access Management *	LS	1	0	0	Review the existing and proposed access management with recommendations
	4.10.6 Multimodal Accommodations *	LS	1	0	0	Evaluate pedestrian, bike, and transit features on the corridor
	4.10.7 Maintenance of Traffic *	LS	1	7	7	20 hours per mile at 0.34 miles at 1 alternative = 20*0.34*1 = 7 hours
	4.10.8 Lighting *	LS	1	0	0	N/A
	4.10 Roadway Total				75	
4.11	Identify Construction Segments *	LS	1	0	0	N/A
4.12	Transportation Systems Management and Operations *	LS	1	0	0	N/A
4.13	Structures					
	4.13.1 Existing Structures*	EA	0	0	0	N/A
	4.13.2 Structure Typical Sections *	EA	0	0	0	N/A
	4.13.3 Structure Design Alternatives *	EA	0	0	0	N/A
	4.13 Structures Total				0	
4.14	Drainage					
	4.14.1 Floodplain and Environmental Permit Data Collection *	LS	1	0	0	No floodplain impacts

**PROJECT DEVELOPMENT & ENVIRONMENT
PROJECT DATA**

Task No.	Task	Units	# of Units	Hours / Unit	Hours	Comments
4.14.2	Drainage Analysis *	Per Basin	2	24	48	Project is located in urban area : Obtain Lidar Delineate Drainage boundaries Determine and Document DHW's for roadway design (from SHWT's) Check capacity and structural adequacy of existing cross drains and outfalls
4.14.3	Floodplain Compensation Analysis *	Per Encroach.	1	0	0	No floodplain impacts
4.14.4 Stormwater Management Analysis						
	Enviro. Look Around (ELA) Meeting and Pond Siting Meeting	LS	0	6	0	N/A
	Stormwater Management *	Per Basin	1	24	24	Water Quality & Quantity Calculations for proposed management facility Outfall Evaluation
	Conceptual Drainage Design Report* (included within PER)	LS	1	16	16	Preliminary Drainage Design Documentation
4.14.5	Drainage Design *	LS	1	0	0	N/A
4.14.6	Location Hydraulic Report *	LS	1	0	0	N/A
4.14.7	Bridge Hydraulic Evaluation*	EA	0	0	0	N/A
4.14 Drainage Total					88	N/A
4.15	Landscaping Analysis *	LS	1	0	0	
4.16 Construction and Right of Way Cost Estimates						
4.16.1	Construction Cost Estimates *	LS	2	12	24	Two Cost Estimates (draft and final) (includes generating quantities)
4.16.2	Right of Way Cost Estimates *	LS	1	0	0	TBD
4.16 Construction and Right of Way Cost Estimates Total					24	
4.17 Alternatives Evaluation						
4.17.1	Comparative Alternatives Evaluation *	LS	1	0	0	N/A
4.17.2	Selection of Recommended Alternative *	LS	1	0	0	N/A
4.17.3	Value Engineering *	LS	1	0	0	N/A
4.17 Alternatives Evaluation Total					0	
4.18 Concept Plans						
4.18.1	Base Map *	Sheet	0	8	0	
4.18.2	Alternative Concept Plans *	Sheet	5	8	40	Roadway: L= 1,800' @ 1" = 40' scale (560'/sheet) = 4 Sheets Drainage: 1 sheet (1" = 200' scale)
4.18.3	Preferred Alternative *	Sheet	0	0	0	Included in Tab 4.18.2
4.18.4	Typical Section Package *	LS	0	0	0	To be completed at Design
4.18.5	Design Exceptions and Design Variations *	EA	0	0	0	To be completed at Design
4.18 Concept Plans Total					40	
4.19	Transportation Management Plan *	LS	1	0	0	N/A

**PROJECT DEVELOPMENT & ENVIRONMENT
PROJECT DATA**

Task No.	Task	Units	# of Units	Hours / Unit	Hours	Comments
4.20	Risk Management					
	<i>Meeting Materials*</i>	LS	1	0	0	N/A
	<i>Meeting Participation</i>	LS	1	0	0	N/A
	4.20 Risk Management Total				0	
4.21	Engineering Analysis Documentation					
	<i>Draft Engineering Analysis Documentation*</i>	LS	1	40	40	<i>Draft PER</i>
	<i>Final Engineering Analysis Documentation *</i>	LS	1	20	20	<i>Final PER</i>
	4.21 Engineering Analysis Documentation Total				60	
4.22	Planning Consistency					
	<i>4.22.1 Transportation Plans</i>	LS	1	0	0	N/A
	<i>4.22.2 Planning Consistency Form *</i>	LS	1	0	0	N/A
	4.22 Planning Consistency Total				0	
4.23	Transit Systems and Service					
	<i>4.23.1 Transit Concepts and Alternatives</i>					N/A
	<i>Review of Transit Concepts and Alternatives Report (TCAR)</i>	LS	1	0	0	N/A
	<i>Review of Bicycle/Greenway plans</i>	LS	1	0	0	N/A
	<i>Develop Transit Concepts and Alternatives Report *</i>	LS	1	0	0	N/A
	<i>4.23.2 Existing and Planned Transit Infrastructure and Services *</i>	LS	1	0	0	N/A
	<i>4.23.3 Connectivity and Accessibility *</i>	LS	1	0	0	N/A
	<i>4.23.4 Transit Operational Analysis *</i>	LS	1	0	0	N/A
	<i>4.23.5 Ridership and Revenue Estimations</i>					N/A
	<i>Ridership and Revenue Forecasts *</i>	LS	1	0	0	N/A
	<i>Operating and Ridership Sensitivity Testing *</i>	LS	1	0	0	N/A
	<i>Ridership and Revenue Results Documentation *</i>	LS	1	0	0	N/A
	<i>4.23.6 Transit Cost Estimates and Financial Commitments *</i>	LS	1	0	0	N/A
	<i>4.23.7 Proposed Transit Service and Operations Plan *</i>	LS	1	0	0	N/A
	<i>4.23.8 Transit Infrastructure Alternatives *</i>	LS	1	0	0	N/A
	<i>4.23.9 Constructability Review *</i>	LS	1	0	0	N/A
	4.23 Transit Systems, Service, and Design Total				0	
	Engineering Analysis and Report Subtotal				311	
	Hours Subject to QC				287	
	Quality Assurance / Quality Control	LS	%	5%	14	
	ENGINEERING ANALYSIS AND REPORT TOTAL HOURS				325	

**PROJECT DEVELOPMENT & ENVIRONMENT
PROJECT DATA**

Estimator:

Vaughn Road Improvements PER
XXXXXXXX

Representing	Print Name	Signature / Date
2-Nov-23		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	# of Units	Hours / Unit	Hours	Comments
3.0	Geotechnical Task 1 - Subsurface Investigation					
	<i>Drilling Coordination and Utility Clearance</i>	LS	1	8	8	
	<i>Site Reconnaissance and Boring Layout</i>	LS	1	8	8	
	<i>MOT Plan Preparation and Submittal to Polk County</i>	LS	1	6	6	
	<i>Field Testing</i>	LS	1	24	24	
	<i>Boring Logs Preparation</i>	LS	1	12	12	
	<i>Laboratory Testing</i>	LS	1	7	7	
	Geotechnical Task 2 - Geotechnical Engineering Report					
	<i>Engineering Report Preparation</i>	LS	1	44	44	
	<i>Internal Review</i>	LS	1	8	8	
	4.4 Geotechnical Investigation Total					117



MADRID ENGINEERING GROUP / CPWG
 2030 State Road 60 E
 Bartow FL 33830-4268
 Ph: (863) 533-9007
 Fax: (863) 533-8997

BID WORK UP_15307.14 Vaughn Road Improvements

Date	Estimate No.
9/29/2023	15307.03

NAME/ADDRESS	Site Information		
Dennis Crawford, PE 1 215-439-5715 550 Northlake Blvd Altamonte Springs, FL 32701 dennis.crawford@wsp.com	Polk County		
DESCRIPTION	QTY	TOTAL	
<p>Scope Of Work: (2) double-ring infiltration tests, (3) hand augers to a depth of 6 feet, (7) pavement cores, and drilling (6) 6-foot SPT borings with continuous sampling to depth. The SPT borings will be backfilled with neat cement. Madrid CPWG estimates that the work will take around (2) days to complete, provided all locations are accessible to a truck-mounted drill rig. This assumes that the SPT borings will be drilled in (6) of the cored locations. No additional work will be done without the client's prior approval. If any additional work is required such as TBD usage or extra material and time beyond 20% of the theoretical volumes, it will be billed at our standard unit rates. If you approve of this proposal, please sign the provided space for Authorization to Proceed and email a copy to our office.</p>			
Drilling Services			
Mobilization Drill Rig Truck Mount (<100 miles 1-way)	Lump	1	\$546.00 \$546.00
Geo Drill Crew Support Vehicle (1 Drilling and 1 Dule Rig day)	Day	2	\$185.00 \$370.00
SPT Truck Mount (6) SPT Not >10 Ft, Backfill included (Not >10hr portal to portal day)	Day	1	\$600.00 \$600.00
Day rate Overtime >10 hrs.	Hour	TBD	\$350.00
Geo Hand Auger Borings (Not >10')	Each	3	\$100.00 \$300.00
Geo Double Ring Infiltration ASTM D3385	Each	2	\$600.00 \$1,200.00
Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	7	\$200.00 \$1,400.00
Bulk sample collection (max 2 buckets/bags per sample, Not >3' depth)	Each	2	\$100.00 \$200.00
MOT services			
Mobilization MOT	Lump	1	\$546.00 \$546.00
GEO MOT - Day Rate (Not >10hrs) (Includes Standard Traffic Control Cones & Sign)	Day	1	\$1,150.00 \$1,150.00
Day rate Overtime >10 hrs.	Hour	TBD	\$350.00
Arrow Bard Crew Truck	Day	1	\$240.00 \$240.00
Administration / Staking for 811 not included	Each	3	\$75.00 \$225.00
Stand-By / Adverse conditions or time spent waiting not caused by work Madrid CPWG, Incudes	Hour	TBD	\$350.00
Inclement Weather	Hour	TBD	\$350.00
Production loss due to adverse drilling conditions or undisclosed site conditions will change billing from footage to a day rate (<10 hrs.)	Day	TBD	\$5,000.00
<p>The client is responsible for supplying a water source beyond what is brought with the rig</p>			
<p>Madrid CPWG looks forward to providing you quality services.</p>			
			Estimate Total \$6,777.00

Payment terms are net 30 days from Madrid CPWG invoice date.