



September 4, 2024

Taylor Davis, PE
Deputy City Engineer
City of Foley
PO Box 1750
Foley, AL 36536

**RE: East Verbena Avenue Extension / Improvements
City of Foley**

Dear Taylor:

Thank you for the opportunity to work with the City of Foley. The Capstone Engineering Group, LLC is pleased to offer the following services to design the upcoming extension and improvements to East Verbena Avenue in Foley. This project will rebuild and relocate the existing East Verbena Avenue located between Highway 59 and the alley to the east and extend the road from said alley east to South Cypress Street. This proposal will allow us to work with the City of Foley from the beginning of concepts to the end of design of the project.

SECTION A – PROJECT UNDERSTANDING

The City of Foley wants to extend East Verbena Avenue east from an alley located a block east of Highway 59 to South Cypress Street. Also, the existing East Verbena Avenue located between Highway 59 and the alley needs to be re-aligned and rebuilt. The City of Foley is requesting that The Capstone Engineering Group provide engineering design to get this project ready for construction. Please find below the scope for each associated design task of the project. Please also refer to the attached Fee Schedule to see fees associated with each task letter.

TASK A: PRELIMINARY DESIGN

The Capstone Engineering Group will provide the following tasks needed for preliminary design:

- a. Study the corridor for the project and topographical survey
- b. Determine if any utilities are in conflict with proposed improvements and discuss any conflicts with the City of Foley and the utility companies
- c. Prepare conceptual sketch of the improvements and review with the City of Foley staff
- d. Perform design of the project including roadway, ADA sidewalk, drainage, parking lot, and lighting improvements
- e. Put together a preliminary set of plans for review by the City of Foley staff and ALDOT
- f. Prepare a preliminary estimate at conclusion of preliminary design

TASK B: FINAL DESIGN

The Capstone Engineering Group will provide the following tasks needed for final design:

- a. Revise preliminary plans based off of City of Foley and ALDOT comments
- b. Prepare final plans and specifications
- c. Prepare construction estimate for submittal to the City of Foley

TASK H: DESIGN TESTING

The Capstone Engineering Group will work with a geotechnical testing company, who will provide the following geotechnical design testing tasks needed for the design of the project:

- a. Perform any field testing necessary to study the existing soil conditions as they relate to the project
- b. Recommend a paving build-up for the proposed roadway improvements and sidewalk improvements
- c. Provide a summary of results from the geotechnical design testing along with recommendations

SECTION B – FEES

The Capstone Engineering Group will provide the tasks mentioned above at the fees provided on the attached Fee Schedule. Our total fee for the survey and design of this project will be **\$116,150.00**. Attached to this proposal, please also find our rate schedule outlining our hourly rates.

TERMS AND CONDITIONS

In consideration of the engineering services provided by The Capstone Engineering Group, L.L.C., CLIENT (City of Foley) agrees to pay in addition to the invoice amount, interest at the rate of 1.5% per month (18% APR) for all balances outstanding for more than thirty (30) days from the invoice date, said interest to be calculated retroactively to the invoice date. In the event that The Capstone Engineering Group, L.L.C. prevails in any litigation brought with respect to any dispute that may arise out of or in connection with this Contract, CLIENT agrees to pay reasonable attorney's fees and expenses of The Capstone Engineering Group, L.L.C. associated with said litigation. In the event the CLIENT prevails in any such litigation, The Capstone Engineering Group, L.L.C. agrees to pay reasonable attorney's fees and expenses of the CLIENT associated with said litigation.

RESTRICTION OF USE

This proposal includes information that shall not be disclosed outside of the CLIENT and shall not be duplicated, used, or disclosed, in whole or in part, for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offer, or as a result of, or in connection with, the submission of this information, CLIENT shall have the right to duplicate, use, or disclose the information to the extent provided in the resulting contract. This restriction does not limit CLIENT's right to use information contained in this proposal if it is obtained from another source without restriction. The information subject to this restriction is contained on all pages of this proposal.

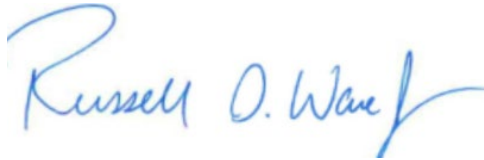


AUTHORIZATION

If this proposal meets with your approval, please prepare the standard City of Foley consultant contract, and please send to us for review and signature. We will begin work immediately after our contract is signed, and we anticipate that the preliminary design will be completed within 3 months and the final design will be completed within an additional 2 months.

Thank you again for this opportunity and we look forward to working with the City of Foley. If any additional services are needed, they can be provided at the hourly rates attached. Please call if you have any questions or if you would like to discuss our proposal.

Sincerely,

A handwritten signature in blue ink that reads "Russell D. Ware, Jr." with a stylized flourish at the end.

Russell D. Ware, Jr., P.E.
President

Attachments: Rate Schedule
 Fee Schedule
 Pre-Design Estimate





**East Verbena Avenue Extension / Improvements
City of Foley**

**RATE SCHEDULE
Through December 31, 2024**

Principal	\$275/hr
Manager	\$210/hr
Project Manager	\$175/hr
Staff Engineer	\$140/hr
Engineer Intern	\$115/hr
Draftsman	\$90/hr
Construction Inspector	\$90/hr
Administrative Assistant	\$65/hr
2-Man Survey Crew	\$120/hr
3-Man Survey Crew	\$175/hr
4-Man Survey Crew	\$215/hr

Reimbursement Notes:

1. Out of pocket expenses shall be billed at cost.
2. Mileage outside the Tuscaloosa and Northport city limits shall be reimbursed at \$0.60 per mile.
3. Sub-consultants billed through The Capstone Engineering Group, LLC shall be subject to an additional 10% administrative fee.



**East Verbena Avenue Extension / Improvements
Fee Schedule
City of Foley**

Construction Cost Estimate \$1,318,255

Basic Services (Lump Sum)

A. Preliminary Design	\$70,150
B. Final Design	\$37,500
C. Bid Phase Services	\$0
D. Engineering Services During Construction	\$0
Total Basic Services	\$107,650

Other Services

E. Design Surveying	\$0
F. Easements	\$0
G. Advanced S.D.C.	
Construction Staking	\$0
Record Drawings	\$0
Inspection (Hourly Not to Exceed)	\$0
H. Design Testing	\$8,500
I. Construction Testing	\$0
J. Administration	\$0
K. Environmental / Permitting	\$0
L. Prequalification of Bidders	\$0
M. Traffic Control Plan	\$0
N. Letter of Map Revision	\$0
O. Sales and Use Tax Savings	\$0
Total Other Services	\$8,500

Total Contract Amount **\$116,150**

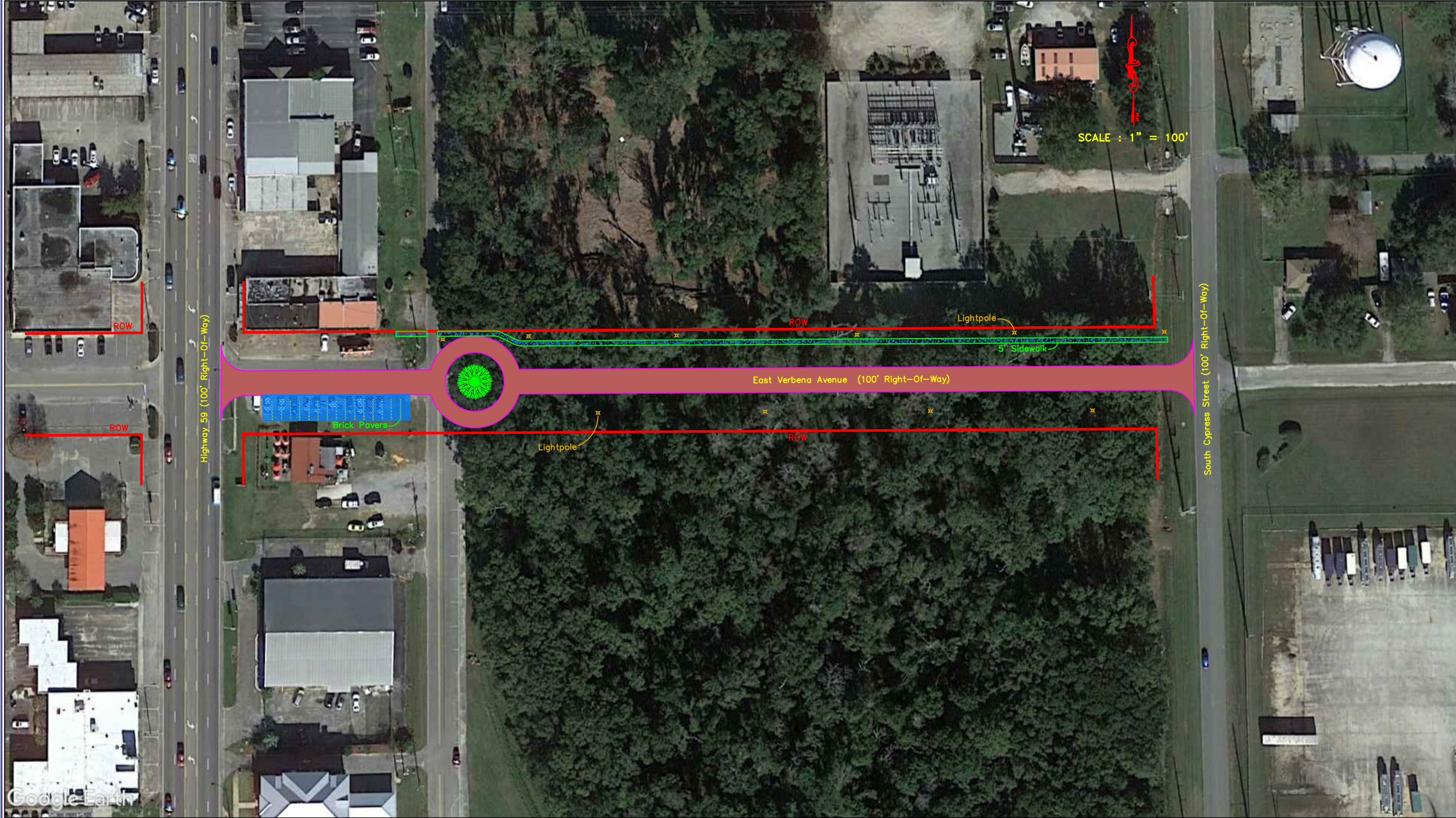


East Verbena Avenue Extension / Improvements
City of Foley
Engineer's Pre-Design Opinion of Probable Cost
 September 3, 2024



ITEM NO.	UNIT	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST
1	LUMP SUM	MOBILIZATION AND DEMOBILIZATION	1	\$62,500.00	\$62,500.00
2	ACRE	CLEARING & GRUBBING	2.0	\$7,500.00	\$15,000.00
3	LUMP SUM	DEMOLITION (INCLUDES ANY PAVEMENT AND STRUCTURES)	1	\$18,500.00	\$18,500.00
4	CU YD IN PLACE	EARTHWORK - INCLUDES UNCLASSIFIED EXCAVATION & BORROW MATERIAL	1,800	\$35.00	\$63,000.00
5	CU YD IN PLACE	REMOVAL AND REPLACEMENT OF UNSUITABLE MATEIAL	2,200	\$40.00	\$88,000.00
6	CU YD IN PLACE	TOPSOIL - ONSITE STOCKPILE (4" THICK)	650	\$30.00	\$19,500.00
7	SQ YD	ROADBED PROCESSING	2,785	\$1.50	\$4,177.50
8	GALLON	TACK COAT	195	\$4.50	\$877.50
9	SQ YD	BITUMINOUS TREATMENT A	2,785	\$1.75	\$4,873.75
10	TON	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX ESAL RANGE C/D (165 LBS/SQ YD)	230	\$150.00	\$34,500.00
11	TON	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (275 LBS/SQ YD)	395	\$185.00	\$73,075.00
12	SQ YD	CRUSHED AGGREGATE BASE COURSE, SECTION 825B (8" COMPACTED THICKNESS)	2,785	\$30.00	\$83,550.00
13	TON	ALDOT #57 STONE (ONLY AS DIRECTED BY THE OWNER'S REPRESENTATIVE)	200	\$30.00	\$6,000.00
14	SQ YD	CONCRETE SIDEWALK (5' WIDE) (6" THICK)	450	\$90.00	\$40,500.00
15	CU YD	CRUSHED AGGREGATE, SECTION 825 (6" THICK)(UNDER SIDEWALK)	100	\$50.00	\$5,000.00
16	EACH	ADA RAMPS W/TRUNCATED DOMES	4	\$1,000.00	\$4,000.00
17	SQ YD	SOD	3,500	\$8.50	\$29,750.00
18	EACH	STORM DRAINAGE INLETS	6	\$6,500.00	\$39,000.00
19	EACH	SLOPE PAVED HEADWALLS	6	\$2,750.00	\$16,500.00
20	LIN FT	24" RCP STORM PIPE, CLASS 3 ROADWAY	360	\$135.00	\$48,600.00
21	LIN FT	42" RCP STORM PIPE, CLASS 3 ROADWAY	160	\$400.00	\$64,000.00
22	TON	CLASS 2 RIP-RAP W/FILTER BLANKET	50	\$75.00	\$3,750.00
23	LUMP SUM	EROSION CONTROL MANAGEMENT AND MAINTENANCE	1	\$4,500.00	\$4,500.00

24	LIN FT	SILT FENCE, TYPE "A"	2,250	\$7.50	\$16,875.00
25	LIN FT	WATTLE	80	\$18.00	\$1,440.00
26	EACH	INLET PROTECTION	6	\$350.00	\$2,100.00
27	ACRE	SEED & MULCH	1.4	\$3,500.00	\$4,900.00
28	LUMP SUM	LANDSCAPING	1	\$20,000.00	\$20,000.00
29	EACH	PERMANENT SIGNS (STOP, YIELD, ACCESSIBLE PARKING, SPEED LIMIT)	10	\$1,500.00	\$15,000.00
30	TON	GRAVEL CONSTRUCTION ENTRANCE (#4 STONE)	52	\$45.00	\$2,340.00
31	SQ YD	GEOTEXTILE SEPERATION FABRIC (ONLY AS DIRECTED BY THE OWNER'S REPRESENTATIVE)	225	\$8.00	\$1,800.00
32	LUMP SUM	UTILITY RELOCATIONS	1	\$17,500.00	\$17,500.00
33	LUMP SUM	TRAFFIC CONTROL	1	\$14,500.00	\$14,500.00
34	LUMP SUM	TRAFFIC MARKINGS (STRIPING, CROSSWALKS, ETC)	1	\$16,500.00	\$16,500.00
35	SQ YD	BRICK PAVERS	400	\$45.00	\$18,000.00
36	CU YD	COMPACTED AGGREGATE BASE	75	\$80.00	\$6,000.00
37	SQ YD	GEOTEXTILE UNDER PAVERS	400	\$8.00	\$3,200.00
38	EACH	CONCRETE BUMPER STOPS	16	\$125.00	\$2,000.00
39	LUMP SUM	DECORATIVE LIGHTING	1	\$275,000.00	\$275,000.00
SUBTOTAL					\$1,146,308.75
15% Contingency					\$171,946.31
Construction Total w/Contingency					\$1,318,255.06
20% Engineering Design and CE&I					\$263,651.01
ENGINEER'S PRELIMINARY OPINION OF PROBABLE COST					\$1,581,906.08



REVISIONS

NO.	DATE	REMARKS



OWNER/DEVELOPER:
City of Foley

**EAST VERBENA AVENUE
EXTENSION/IMPROVEMENTS**

FOLEY, ALABAMA
SEPTEMBER 2024

Sheet Title:
Proposed Improvements
Date: 9/3/2024

Sheet No.:
1 of 1