



City of Foley, AL

407 E. Laurel Avenue
Foley, AL 36535

Signature Copy

Resolution: 22-1133-RES

File Number: 22-0201

Enactment Number: 22-1133-RES

A Resolution Approving Sawgrass Consulting's Professional Services Proposal for the Wolf Bay Drive Extension Project

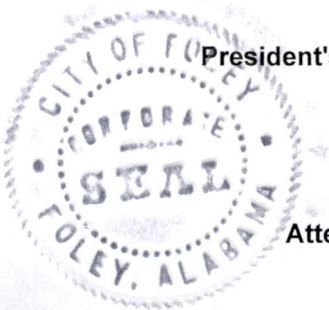
WHEREAS, Sawgrass Consulting submitted a proposal in the amount of \$233,925 for Professional Services for the Wolf Bay Drive Extension Project.

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Foley, Alabama, as follows:

SECTION 1: Approves Sawgrass Consulting's Proposal for Professional Services for the Wolf Bay Drive Extension Project and appropriates \$233,925 under Account No. 400-3020-5164.

SECTION 2: This Resolution shall become effective immediately upon its adoption as required by law.

PASSED, APPROVED AND ADOPTED this 18th day of April 2022.



President's Signature

JW Trull

Date

4-18-2022

Attest by Clerk

Kathryn Taylor

Date

4-18-2022

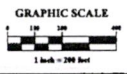
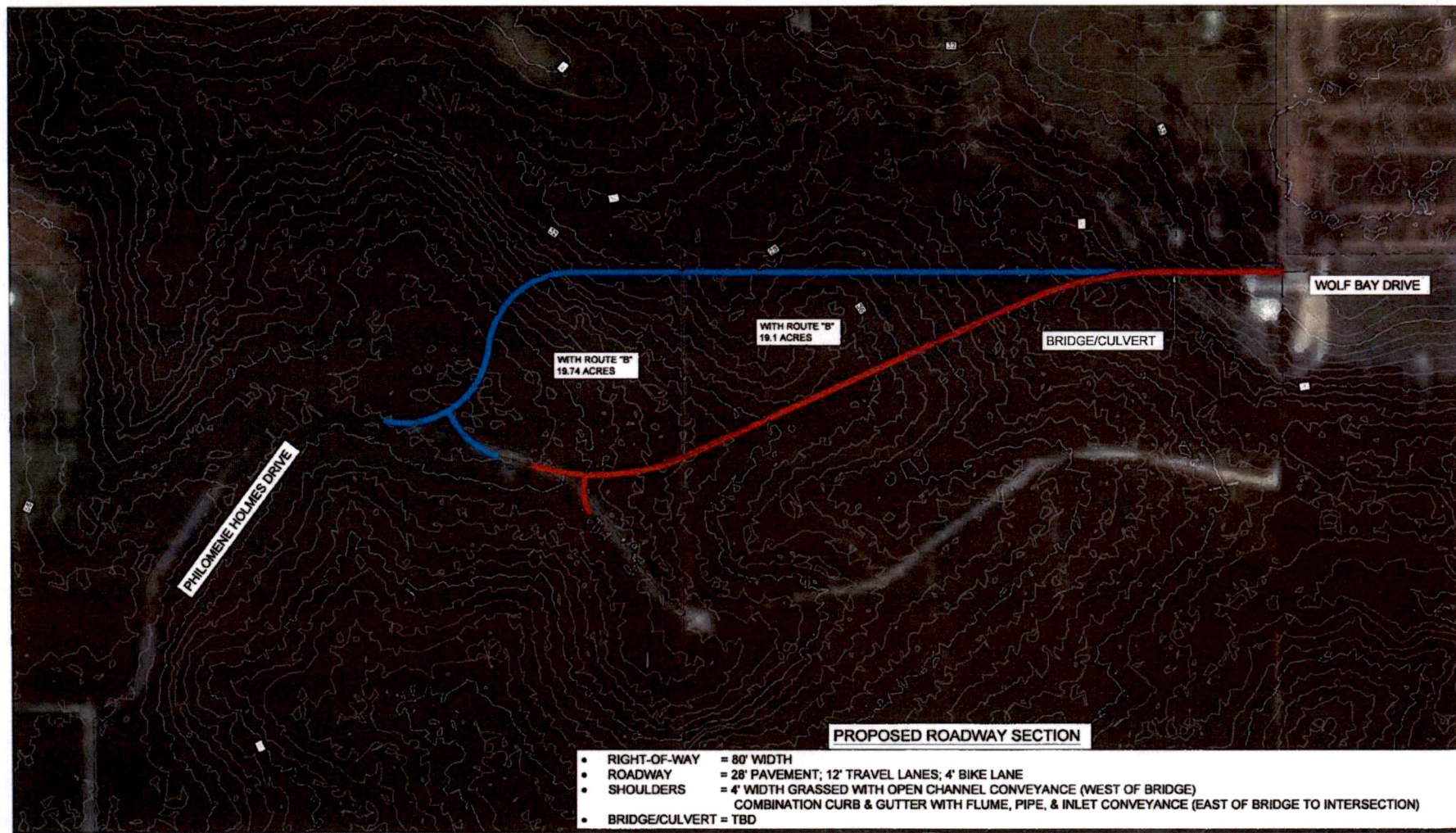
Mayor's Signature

[Signature]

Date

4-18-22

ONE INCH = 100 FEET. CITY OF FOLEY, MISSISSIPPI. DATE: 01/11/2023. BY: [Signature]



CITY OF FOLEY

- ROUTE "A" (4,702 L.F.)
- ROUTE "B" (3,740 L.F.)

Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
20475 Bp. E. 1 "Bent" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900



30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527
202 Government Street, Suite 225, Mobile, AL 36602
P: 251-544-7900
sawgrassllc.com

February 16, 2022

Honorable Mayor Hellmich
City of Foley
P.O. Box 1750
Foley, Alabama 36535

RE: Wolf Bay Drive Extension

Dear Honorable Mayor Hellmich,

Sawgrass Consulting, LLC, (Sawgrass) has been asked to provide a proposal for survey and design services for a for the Wolf Bay Drive Extension for the City of Foley. Our scope provides the professional services for wetland determinations and permitting, field survey, Right of Way Map, hydraulic study/analysis, structural design, plan development, Geotechnical Services. The project scope includes approximately 1 mile of new Roadway, one structure crossing of a drainage way, multiple roadway pipe crossings, and two intersection improvements. Included you will find an Attachment A; Scope of Services and corresponding fees required to accomplish this project. In summary, the following cost for the project is as follows:

Field Survey and ROW Mapping	\$28,000.00
Roadway Design/Route Planning	\$133,500.00
Structure Design/Hydraulic Study	\$48,000.00
Environmental Permitting	\$14,700.00
Preliminary Investigation and Testing -	\$9,725.00

~We anticipate the project construction cost between \$2,100,000.00 and \$2,400,000.00, excluding Utility Relocations, R/W Acquisitions, Mitigation Cost and Permit Fees

We appreciate the opportunity to partner with the City on this Project and please do not hesitate to call if you have any questions or need to discuss this Proposal in more detail.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Stephen Delahunty', with a stylized flourish at the end.

Stephen Delahunty, P.E.
Vice President

Approval
Date

Enclosures

Cc: Mr. Chad Christian, PE, City of Foley Engineer
Mr. Taylor Davis, PE, City of Foley Assistant Engineer

Scope of Services

Topographic Survey

A topographic survey of the of the corridor will be performed to accomplish the design and plan development of the new roadway. We will also gather topographic information for cross sections, drainage crossings, and all features to the connected ROW locations for intersections, and other utilities for features to help aid in the design. The survey will develop a topographic map of the site at 1-foot contour intervals.

Right of Way Map

Sawgrass will provide a Right of Way Map, Legal Descriptions for Right of Way Acquisitions, Legal Descriptions for Drainage Easements and Temporary Construction Easements to be approved and executed for recording. This work will be required to establish an 80 foot Right of Way for the design and construction of the new roadway.

Structure Design/Hydraulic Study

Sawgrass anticipates design of a drainage culvert/bridge structure at the main channel crossing located at the eastern end of the new roadway. The type, size, and elevation of the structure will be determined upon the final hydraulic study of the drainage basin and the topographic profile of the crossing.

Plan Development

Sawgrass will provide a roadway plan set to include typical section(s) for an 28-30 foot Pavement Width (12' Travel Lanes and one (1) Bike Lane), Stationing plan and profile, drainage sections and profiles, structural plans, striping plan, summary of quantities and erosion control plan for the project. We will also provide an intersection improvement plans at the commencement of the roadway and Wolf Bay Drive Extension. This will likely include drainage collection/conveyance and utility relocation and design for the new road transition. The plans will also incorporate the recommendations from the Geotechnical Consultant to assure the final build-up meets the Design and Construction Standards for the City of Foley, Alabama.

Bid Document Preparation and Bidding Assistance

Sawgrass will provide bid/contract documents for the procurement phase of the project. These documents will include additive alternates if the City of Foley chooses to separate contractual obligations for budgetary reasons. We will coordinate the advertisement for bidders, hold a pre-bid conference, perform the bid letting and issue a certified bid tab for recommendation to award. Multiple sets of plans and bid documents will be prepared and distributed to all interested vendors.

Environmental Permitting

Environmental Permitting – Wetland Sciences (Environmental Consultant) will provide field delineation and determinations of wetland areas throughout the described corridor, prepare permitting documents for Corp of Engineer Nation Wide Permits of roadway impacts and/or individual permits for Structures (if Required), and conduct Historical/Archaeological Investigation and Concurrence (if Required) to allow for the construction of the new roadway. Because the proposed roadway is located within an unnamed tributary that leads to the Protected Watershed of Wolf Bay, it is anticipated that a Construction Best Management Practices Plan (CBMPP) will be required for the application of the Notice of Intent (NOI) General Permit.

Geotechnical Services

Preliminary Soils Report and Construction Testing – GeoCon Engineering (Geotechnical Consultant) will provide field borings at 300 Lf intervals for recommendations for the buildup on the new roadway and aid in the foundation design of any bridge structure. In addition, they will recommend any minimum slope requirements for the approach roadway and recognition of any unsuitable soils that will require mitigation.

Attachment A

Compensation

Sawgrass will perform the scope of services described herein for the following fees:

Topographic Survey	\$19,500.00 Lump Sum
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ROW Map/Legal Descriptions	\$8,500.00 Lump Sum
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Structure Design/Hydraulic Study	\$48,000.00 Lump Sum
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Roadway Design/Route Planning	\$128,700.00 Lump Sum
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Bidding Assistance/Specifications	\$4,800.00 Lump Sum
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Environmental Services

Wetland Delineation	\$3,500.00 Lump Sum
Corp of Engineer Permit(s)	\$4,500.00 Hourly-NTE
Historical Concurrence	\$2,500.00 Lump Sum
CBMPP/NOI	\$4,200.00 Lump Sum

Geotechnical Services

Preliminary Soils Report	\$9,725.00 Lump Sum
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Owner: City of Foley
 Project: Wolf Bay Road Extension
 Date: 2/15/2022

Construction Cost Budget Estimate - Route A (4700 LF)



Wolf Bay Extension

ITEM #	DESCRIPTION	UNIT	QTY		
201-A	CLEARING AND GRUBBING	ACRE	10	\$ 8,000.00	\$ 80,000.00
206-C	REMOVE ASPHALT	SY	300	\$ 8.00	\$ 2,400.00
206-D	FENCE REMOVALS	LF	500	\$ 6.00	\$ 3,000.00
206-E	REMOVAL OF STRUCTURES	EA	4	\$ 500.00	\$ 2,000.00
210-A	UNCLASSIFIED EXCAVATION	CY	17000	\$ 7.00	\$ 119,000.00
210-D	BORROW EXCAVATION	CY	15000	\$ 18.00	\$ 270,000.00
214-A	STRUCTURE EXCAVATION	CY	120	\$ 40.00	\$ 4,800.00
214-B	FOUNDATION BACKFILL	CY	150	\$ 60.00	\$ 9,000.00
230-A	ROADBED PROCESSING	STA	50	\$ 450.00	\$ 22,500.00
301-A	CRUSHED AGGREGATE BASE COURSE, 6" THICK	SY	15666	\$ 24.00	\$ 375,984.00
401-A	BIT. PRIME TREATMENT	SY	15666	\$ 0.75	\$ 11,749.50
405-A	TACK COAT, 0.075 GAL/SY	GAL	600	\$ 5.50	\$ 3,300.00
429-A	BIT. CONC. WEARING SURFACE LAYER 1/2" MAX AGG SIZE, ESAL RANGE B, 165 LB/SY	TON	1300	\$ 98.00	\$ 127,400.00
429-B1	BIT. CONCRETE BINDER LAYER, 3/4" MAX AGGREGATE SIZE, ESAL RANGE B, 220 LB/SY	TON	1725	\$ 95.00	\$ 163,875.00
430-B	AGGREGATE SURFACING, #467 or #57	TON	200	\$ 65.00	\$ 13,000.00
530-A1	24" RCP ROADWAY PIPE	LF	200	\$ 65.00	\$ 13,000.00
530-A2	30" RCP ROADWAY PIPE	LF	80	\$ 75.00	\$ 6,000.00
533-A	24" RCP STORM PIPE	LF	150	\$ 65.00	\$ 9,750.00
600-A	MOBILIZATION	LS	1	\$ 75,000.00	\$ 75,000.00
608-A	BIAXIAL GEOGRID (TENSAR or EQUAL)	SY	2500	\$ 12.00	\$ 30,000.00
610-A	RIP-RAP, CLASS 2, 18" THICK	SY	300	\$ 80.00	\$ 24,000.00
610-D	FILTER FABRIC, NON WOVEN	SY	350	\$ 4.00	\$ 1,400.00
619-A	24" PIPE END TREATMENT	EA	8	\$ 1,500.00	\$ 12,000.00
619-A2	30" PIPE END TREATMENT	EA	2	\$ 1,600.00	\$ 3,200.00
620-A	MINOR STRUCTURE CONCRETE	CY	10	\$ 500.00	\$ 5,000.00
621-A	JUNCTION BOX	EA	2	\$ 4,500.00	\$ 9,000.00
620-C	INLET TYPE WEIR	EA	2	\$ 4,500.00	\$ 9,000.00
623-C	COMBINATION CURB AND GUTTER	LF	1,600	\$ 24.00	\$ 38,400.00
630-A	STEEL BEAM GUARDRAIL, CL A, TYPE 2	LF	240	\$ 35.00	\$ 8,400.00
630-C	GUARDRAIL END ANCHOR, TYPE 20	EA	4	\$ 3,700.00	\$ 14,800.00
650-B	TOPSOIL, 4" THICK (From Stockpiles)	CY	4800	\$ 12.00	\$ 57,600.00
652-A	SEEDING, SEASONAL	ACRE	6	\$ 1,500.00	\$ 9,000.00
654-A	SOLID SODDING	SY	6500	\$ 7.00	\$ 45,500.00
656-A	MULCHING	ACRE	6	\$ 1,500.00	\$ 9,000.00
659-C	ROLLED EROSION CONTROL	SY	2000	\$ 4.50	\$ 9,000.00
665-A	TEMPORARY SEEDING	ACRE	12	\$ 1,100.00	\$ 13,200.00
665-B	TEMPORARY MULCHING	ACRE	12	\$ 1,100.00	\$ 13,200.00
665-I	TEMPORARY RIP RAP (VARIES)	TON	250	\$ 65.00	\$ 16,250.00
665-J	SILT FENCING, TYPE A	LF	12000	\$ 6.50	\$ 78,000.00
665-Q	WATTLES	LF	500	\$ 8.00	\$ 4,000.00
701-G	SOLID YELLOW TRAFFIC STRIPE (DOUBLE), CLASS 2, TYPE A	MILE	2.00	\$ 5,500.00	\$ 11,000.00
701-G	SOLID WHITE TRAFFIC STRIPE, CLASS 2, TYPE A	MILE	2.00	\$ 5,500.00	\$ 11,000.00
703-A	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (WHITE)	SF	1000	\$ 6.00	\$ 6,000.00
710-A	ROADWAY SIGNS, INCLUDE POST	SF	300	\$ 30.00	\$ 9,000.00
705-A	PAVEMENT MARKERS, CLASS A, TYPE 2D	EA	300	\$ 5.50	\$ 1,650.00
740-A	TRAFFIC CONTROL SCHEME	LS	1	\$ 23,000.00	\$ 23,000.00
999-A	TEMPORARY DEWATERING/PUMPING	LS	1	\$ 20,000.00	\$ 20,000.00
999-B	BRIDGE/CULVERT STRUCTURE	EA	1	\$ 350,000.00	\$ 350,000.00
				SUBTOTAL	\$ 2,153,358.50
				CONTINGENCY- 10%	\$ 215,335.85
				TOTAL AMOUNT	\$ 2,368,694.35

Owner: City of Foley
 Project: Wolf Bay Road Extension
 Date: 2/15/2022

Construction Cost Budget Estimate - Route B (3740 LF)



Wolf Bay Extension

ITEM #	DESCRIPTION	UNIT	QTY		
201-A	CLEARING AND GRUBBING	ACRE	8	\$ 8,000.00	\$ 64,000.00
206-C	REMOVE ASPHALT	SY	300	\$ 8.00	\$ 2,400.00
206-D	FENCE REMOVALS	LF	500	\$ 6.00	\$ 3,000.00
206-E	REMOVAL OF STRUCTURES	EA	4	\$ 500.00	\$ 2,000.00
210-A	UNCLASSIFIED EXCAVATION	CY	13051	\$ 7.00	\$ 91,357.00
210-D	BORROW EXCAVATION	CY	13181	\$ 18.00	\$ 237,258.00
214-A	STRUCTURE EXCAVATION	CY	120	\$ 40.00	\$ 4,800.00
214-B	FOUNDATION BACKFILL	CY	150	\$ 60.00	\$ 9,000.00
230-A	ROADBED PROCESSING	STA	40	\$ 450.00	\$ 18,000.00
301-A	CRUSHED AGGREGATE BASE COURSE, 6" THICK	SY	12470	\$ 24.00	\$ 299,280.00
401-A	BIT. PRIME TREATMENT	SY	12470	\$ 0.75	\$ 9,352.50
405-A	TACK COAT, 0.075 GAL/SY	GAL	400	\$ 5.50	\$ 2,200.00
429-A	BIT. CONC. WEARING SURFACE LAYER 1/2" MAX AGG SIZE, ESAL RANGE B, 165 LB/SY	TON	1030	\$ 98.00	\$ 100,940.00
429-B1	BIT. CONCRETE BINDER LAYER, 3/4" MAX AGGREGATE SIZE, ESAL RANGE B, 220 LB/SY	TON	1375	\$ 95.00	\$ 130,625.00
430-B	AGGREGATE SURFACING, #467 or #57	TON	200	\$ 65.00	\$ 13,000.00
530-A1	24" RCP ROADWAY PIPE	LF	100	\$ 65.00	\$ 6,500.00
530-A2	30" RCP ROADWAY PIPE	LF	16	\$ 75.00	\$ 1,200.00
533-A	24" RCP STORM PIPE	LF	150	\$ 65.00	\$ 9,750.00
600-A	MOBILIZATION	LS	1	\$ 75,000.00	\$ 75,000.00
608-A	BIAXIAL GEOGRID (TENSAR or EQUAL)	SY	2500	\$ 12.00	\$ 30,000.00
610-A	RIP-RAP, CLASS 2, 18" THICK	SY	300	\$ 80.00	\$ 24,000.00
610-D	FILTER CLOTH, NON WOVEN	SY	350	\$ 4.00	\$ 1,400.00
619-A	24" PIPE END TREATMENT	EA	5	\$ 1,500.00	\$ 7,500.00
619-A2	30" PIPE END TREATMENT	EA	1	\$ 1,600.00	\$ 1,600.00
620-A	MINOR STRUCTURE CONCRETE	CY	10	\$ 500.00	\$ 5,000.00
621-A	JUNCTION BOX	EA	2	\$ 4,500.00	\$ 9,000.00
620-C	INLET TYPE WEIR	EA	2	\$ 4,500.00	\$ 9,000.00
623-C	COMBINATION CURB AND GUTTER	LF	1,600	\$ 24.00	\$ 38,400.00
630-A	STEEL BEAM GUARDRAIL, CL A. TYPE 2	LF	240	\$ 35.00	\$ 8,400.00
630-C	GUARDRAIL END ANCHOR, TYPE 20	EA	4	\$ 3,700.00	\$ 14,800.00
650-B	TOPSOIL, 4" THICK (From Stockpiles)	CY	4000	\$ 12.00	\$ 48,000.00
652-A	SEEDING, SEASONAL	ACRE	6	\$ 1,500.00	\$ 9,000.00
654-A	SOLID SODDING	SY	5500	\$ 7.00	\$ 38,500.00
656-A	MULCHING	ACRE	6	\$ 1,500.00	\$ 9,000.00
659-C	ROLLED EROSION CONTROL	SY	2000	\$ 4.50	\$ 9,000.00
665-A	TEMPORARY SEEDING	ACRE	12	\$ 1,100.00	\$ 13,200.00
665-B	TEMPORARY MULCHING	ACRE	12	\$ 1,100.00	\$ 13,200.00
665-I	TEMPORARY RIP RAP (VARIES)	TON	250	\$ 65.00	\$ 16,250.00
665-J	SILT FENCING, TYPE A	LF	10000	\$ 6.50	\$ 65,000.00
665-Q	WATTLES	LF	500	\$ 8.00	\$ 4,000.00
701-G	SOLID YELLOW TRAFFIC STRIPE (DOUBLE), CLASS 2, TYPE A	MILE	2.00	\$ 5,500.00	\$ 11,000.00
701-G	SOLID WHITE TRAFFIC STRIPE, CLASS 2, TYPE A	MILE	2.00	\$ 5,500.00	\$ 11,000.00
703-A	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A (WHITE)	SF	900	\$ 6.00	\$ 5,400.00
710-A	ROADWAY SIGNS, INCLUDE POST	SF	300	\$ 30.00	\$ 9,000.00
705-A	PAVEMENT MARKERS, CLASS A, TYPE 2D	EA	300	\$ 5.50	\$ 1,650.00
740-A	TRAFFIC CONTROL SCHEME	LS	1	\$ 23,000.00	\$ 23,000.00
999-A	TEMPORARY DEWATERING/PUMPING	LS	1	\$ 20,000.00	\$ 20,000.00
999-B	BRIDGE/CULVERT STRUCTURE	EA	1	\$ 350,000.00	\$ 350,000.00
				SUBTOTAL	\$ 1,884,962.50
				CONTINGENCY- 10%	\$ 188,496.25
				TOTAL AMOUNT	\$ 2,073,458.75