

ADDENDUM #2

CR 42 Lane Departure Mitigation
FPN #441364-2-58-01; Bid No. 23-503; Project No. 2021-03

This addendum is being issued to make the following changes, corrections, clarifications and additions to the bidding document. The information in this addendum modifies and changes the original bidding documents and takes precedence over the original documents. **Receipt of this addendum shall be acknowledged by the bidder by signing and dating the appropriate line on page W-4 of the bid proposal.** Failure to acknowledge this addendum may preclude consideration of the bid proposal for award.

The bid opening date remains September 29, 2022. All requests for information must be submitted by September 19, 2022.

A mandatory pre-bid meeting for the referenced project was held at 9:00 a.m. on September 1 and September 6, 2022, via a telephone conference. The following were in attendance:

Name	Company	Phone Number	Email Address
Jimmy Combs	P&S Paving	386-258-7911	jcombs@pandspavinginc.com
Robert Dunn	CDR2 Underground Utilities	352-516-0555	bobCDR2@yahoo.com
Paul Carlson	CW Roberts Contracting		pcarlson@CWRcontracting.com
Joe Johnson	Ranger Construction	407-744-2790	estimating@rangerconstruction.com
Victoria Murphy	DB Civil Construction	904-377-9890	estimating@dbcivilconstruction.com
John Cathcart	Cathcart Construction	407-341-6465	Cathcart01@yahoo.com
Eddy	Garcia Civil	386-490-5794	eddy@garciacivil.com
Blake Livingston	Lake County Public Works	(352) 253-4370	Blake.livingston@lakecountyfl.gov
Dan Flannery	Lake County Public Works	(352) 253-6021	daniel.flannery@lakecountyfl.gov
Joe Hinton	Lake County Public Works	(352) 253-9027	joseph.hinton@lakecountyfl.gov
Terry Scott	Lake County Public Works	(352) 253-9024	Terry.scott@lakecountyfl.gov
Deb Marchese	Lake County Public Works	(353) 253-6007	deborah.marchese@lakecountyfl.gov

This CR 42 Lane Departure Mitigation Safety Improvement project is located in north Lake County. The total project length is 19.284 miles from the Marion County line to SR 44. Project scope includes widening the existing paved shoulders and unpaved shoulders in various locations along project limits using stabilization, base, and asphalt. Other construction activities include; Placing Audible and Vibratory striping, signing and pavement markings, installing guardrail, clearing and grubbing (including selective clearing and grubbing), new mast arm signalization installation, drainage improvements, and sodding.

There are five parts to this bid. The base bid, Alternate 1, Alternate 2, Alternate #3, and Alternate #4. Lake County is seeking a balanced bid from the potential contractors and Lake County will be looking to award to the contractor that has the lowest most responsive cumulative cost. The four alternate bids are additional quantities to the proposed base bid and are explained in the approved construction plans and the addendums.

Contractor shall construct the project within the limits of the existing right of way.

Work performed under this contract shall be based on a lump sum bid. Quantities, if shown in the construction plans, are estimated for bidding purposes only and shall be verified by the contractor.

Pay special attention to all notes shown in the construction plans.

Any fences to be relocated shall be moved to the right of way line. If there is an existing gate at a driveway, then match the width of the driveway to the width of the gate. Contractor shall coordinate any fence relocation with the property owner.

Contractor shall video the project limits prior to beginning construction. The video shall be on a thumb drive and provided to Lake County before construction begins. Detail should be given to all existing fence lines, driveways, hedge lines, etc., to document existing conditions prior to construction.

Bid to sod all disturbed areas matching all existing grass types. Contractor shall be responsible for watering all sod until there is established growth.

All utilities shown in the construction plans to be relocated shall be the responsibility of the utility provider to relocate. Contractor is responsible for the coordination of all utility relocation.

Contractor shall provide two complete sets of red-lined record drawings upon completion of the project. One submitted set is to be on a flash drive while the other in paper format. The record drawings must show all additions, omissions, and adjustments made throughout construction of the project. The record drawings are to be signed and sealed by a professional engineer or surveyor, licensed to do business in the State of Florida. The record drawings are to be a complete set of construction plans, but only sheets that display changes must be signed and sealed by the engineer or surveyor.

All millings shall remain the property of Lake County. The Contractor shall haul the millings to the Umatilla Maintenance Barn located at 19720 East Fifth Street, Umatilla, FL. Millings shall not be stockpiled on the project site.

No oral interpretations will be made to any bidder as to the meaning of the Specifications, or any other Contract Documents. Every request for such an interpretation must be in writing, and shall be received by the Office of Procurement Services not less than ten (10) calendar days prior to the date set for opening of bids. Every interpretation made to a bidder will be made by an addendum to the Contract Documents, which, when issued, will be sent as promptly as is practicable to all persons to whom the Specifications have been issued by the County. All such addenda shall become part of the Contract Documents. No substitution of any kind or riders of any nature to the bids will be considered except by the above described method. For purposes of this Contract the term "Interpretations" shall include the approval of product substitution. All requests for interpretation shall be submitted to Amy Munday, Senior Contracting Officer, at amy.munday@lakecountyfl.gov and copied to Deb Marchese, Construction Program Coordinator, at deborah.marchese@lakecountyfl.gov.

Each Contractor shall visit the site of the proposed work and fully acquaint himself with conditions relating to construction and labor so that he may fully understand the facilities, difficulties and restrictions attending the execution of work under the contract.

This project is being funded through a Local Agency Program agreement with the Florida Department of Transportation. Contractors bidding on this project must comply with the Federal DBE Program, including the Bid Opportunity List. All firms that bid on prime contracts on FDOT-assisted projects must complete the Bidders Opportunity List through the Equal Opportunity Compliance system within three business days of submission of the bid or proposal for ALL subcontractors or sub-consultants who quoted to you for this project. The State of Florida Department of Transportation DBE Bid Package Information sheet is attached hereto and made a part of this Addendum.

Addendum #1 has been issued for this project. Addendum #1 was issued to advise that there will be two mandatory pre-bid meetings for this project, September 1st and September 6th, 2022.

Questions asked at the Pre-Bid Meeting

Q1: Are there quantities available?

A1: Contractor shall determine the quantities.

Q2: What was the bid results before? Can you provide the previous bid comparisons?

A2: Please see bid comparisons attached.

Q3: What is the engineer's estimate?

A3: The engineer's estimate is \$1,143,902. Lake County has a Local Agency Program with FDOT for this project and it is Lake County's intention to award the base bid and then any alternates that can be awarded within the \$1,143,902 funding. The alternates are not contiguous but are in the order of what is most important to the County to complete. The alternates will be awarded in numerical order.

Q4: Please provide a listing of contractors attending the pre-bid meetings.

A4: Please see the listing of attendees on Page 1 of this addendum.

Q5: How are the contractors supposed to know what the base bid and the alternates are?

A5: Division W (bid tabulation sheets) of the bid document lists each section and the stations that are included in the base bid and the alternates.

Q6: What are the number of contract days?


A6: Contractor shall determine the number of days required to complete the project.

Q7: When will the project start?

A7: It will take approximately two months to get the award approved by FDOT and the Board of County Commissioners and have the executed contract. The Notice to Proceed will then be issued and the Contractor shall have 30 days to start construction.



Deborah Marchese, Construction Program Coordinator



Date

DBE Utilization

The Department began its DBE race neutral program January 1, 2000. **Contract specific goals are not placed on Federal/State contracts;** however, the Department has an overall 10.65% DBE goal it must achieve. In order to assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this letting.

As you prepare your bid, please monitor potential or anticipated DBE utilization for contracts. When the low bidder executes the contract with the Department, information will be requested of the contractor's DBE participation for the project. While the utilization is not mandatory in order to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Florida's DBE Program, and supports contractors' Equal Employment Opportunity and DBE Affirmative Action Programs.

Any project listed as 0% DBE availability does not mean that a DBE may not be used on that project. A 0% DBE availability may have been established due to any of the following reasons: limited identified subcontracting opportunities, minimal contract days, and/or small contract dollar amount. Contractors are encouraged to identify any opportunities to subcontract to DBE's.

Please contact the Equal Opportunity Office at (850) 414-4747 if you have any questions regarding this information.

DBE Reporting

If you are the prime contractor on a project, enter your DBE participation in the Equal Opportunity Compliance system prior to the pre-construction or pre-work conference for all federal and state funded projects. This **will not** become a mandatory part of the contract. It will assist the Department in tracking and reporting planned or estimated DBE utilization. During the contract, the prime contractor is required to report actual payments to DBE and MBE subcontractors through the web-based Equal Opportunity Compliance (EOC) system.

All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions, please contact EOOHelp@dot.state.fl.us.

Bid Opportunity List

The Federal DBE Program requires States to maintain a database of all firms that are participating or attempting to participate on FDOT-assisted contracts. The list must include all firms that bid on prime contracts or bid or quote subcontracts on FDOT-assisted projects, including both **DBE's and non-DBEs**.

Please complete the Bidders Opportunity List through the Equal Opportunity Compliance system within 3 business days of submission of the bid or proposal for ALL subcontractors or sub-consultants who quoted to you for specific project for this letting. The web address to the Equal Opportunity Compliance system is: <https://www.fdot.gov/equalopportunity/eoc.shtm>.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DBE BID PACKAGE INFORMATION

275-030-11
EQUAL OPPORTUNITY OFFICE
09/19
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DBE/AA Plans

Contractors bidding on FDOT contracts are to have an approved DBE Affirmative Action Plan (FDOT Form 275-030-11B) on file with the FDOT Equal Opportunity Office before execution of a contract. DBE/AA Plans must be received with the contractors bid or received by the Equal Opportunity Office prior to the award of the contract.

Plans are approved by the Equal Opportunity Office in accordance with Ch. 14-78, Florida Administrative Code. Plans that do not meet these mandatory requirements may not be approved. Approvals are for a (3) three year period and should be updated at anytime there is a change in the company's DBE Liaison Officer and/or President. Contractors may evidence adoption of the DBE/AA Policy and Plan and/or a change in the designated DBE Liaison officer as follows:

- Print the first page of the document on company stationery ("letterhead") that indicates the company's name, mailing address, phone number, etc.
- Print the company's name in the "____" space; next to "Date" print the month/day/year the policy is being signed; record the signature of the company's Chief Executive Officer, President or Chairperson in the space next to "by" and print the full first and last name and position title of the official signing the policy.
- Print the DBE Liaison's full name, email address, business mailing address and phone number the bottom of email.

E-mail the completed and signed DBE AA Plan to: **eeoforms@dot.state.fl.us**.

The Department will review the policy, update department records and issue a notification of approval or disapproval; a copy of the submitted plan will not be returned to the contractor.

ENGINEER'S ESTIMATE \$1,143,902		Engineer's Estimate			P & S Paving		
DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT
Mobilization	LS	\$ 94,537.32	1.000	\$ 94,537.32	\$ 129,000.00	1.00	\$ 129,000.00
Grading/Final Dressing	LS			\$ -	\$ 63,000.00	1.00	\$ 63,000.00
Survey/Layout/As Builts	LS			\$ -	\$ 42,000.00	1.00	\$ 42,000.00
Payment/Performance Bond	LS			\$ -	\$ 12,000.00	1.00	\$ 12,000.00
Quality Control Testing	LS			\$ -	\$ 31,000.00	1.00	\$ 31,000.00
NPDES Permit	LS			\$ -	\$ 500.00	1.00	\$ 500.00
Portable Toilet	LS			\$ -	\$ 1,000.00	1.00	\$ 1,000.00
Maintenance of Traffic	LS	\$ 103,991.06	1.000	\$ 103,991.06	\$ 165,000.00	1.00	\$ 165,000.00
Work Zone Sign	ED	\$ 0.30	35620.000	\$ 10,686.00	\$ 0.45	30000.00	\$ 13,500.00
Temporary Barrier, F&I, Anchored	LF	\$ 24.02	840.000	\$ 20,176.80	\$ 31.00	836.00	\$ 25,916.00
Channelizing Device - Types I, II, DI, VP, Drum, or LCD	ED	\$ 0.13	75570.000	\$ 9,824.10	\$ 0.15	20000.00	\$ 3,000.00
Temporary Crash Cushion, Redirective Option	LO	\$ 982.30	2.000	\$ 1,964.60	\$ 4,300.00	2.00	\$ 8,600.00
Portable Changeable Message Sign, Temporary	ED	\$ 11.87	417.000	\$ 4,949.79	\$ 22.50	400.00	\$ 9,000.00
Temporary Raised Rumble Strips	DA	\$ 32.03	260.000	\$ 8,327.80	\$ 12.50	200.00	\$ 2,500.00
Sediment Barrier	LF	\$ 1.87	16380.508	\$ 30,631.55	\$ 2.00	13300.00	\$ 26,600.00
Staked Turbidity Barrier – Nylon Reinforced PVC	LF	\$ 4.97	110.000	\$ 546.70	\$ 8.00	80.00	\$ 640.00
Inlet Protection System	EA	\$ 115.69	3.000	\$ 347.07	\$ 180.00	1.00	\$ 180.00
Litter Removal	AC	\$ 27.94	62.656	\$ 1,750.61	\$ 50.00	230.00	\$ 11,500.00
Mowing	AC	\$ 45.47	72.820	\$ 3,311.13	\$ 50.00	230.00	\$ 11,500.00
Clearing and Grubbing	AC	\$ 10,348.06	4.590	\$ 47,456.20	\$ 90,000.00	1.00	\$ 90,000.00
Selective Clearing and Grubbing, areas with trees to remain	AC	\$ 27,107.79	0.490	\$ 13,282.82	\$ 25,000.00	1.00	\$ 25,000.00
Removal of Existing Concrete	SY	\$ 20.01	5.329	\$ 106.65	\$ 100.00	6.00	\$ 600.00
Regular Excavation	CY	\$ 6.71	2571.000	\$ 17,251.41	\$ 15.00	2534.00	\$ 38,010.00
Subsoil Excavation	CY	\$ 7.56	1129.000	\$ 8,535.24	\$ 25.00	1251.00	\$ 31,275.00
Embankment	CY	\$ 8.63	1775.000	\$ 15,318.25	\$ 25.00	1996.00	\$ 49,900.00
Type B Stabilization	SY	\$ 5.47	7658.400	\$ 41,891.45	\$ 10.00	7683.00	\$ 76,830.00
Optional Base, Base Group 09	SY	\$ 21.37	5510.500	\$ 117,759.39	\$ 42.00	5799.00	\$ 243,558.00
Turnout Construction – Asphalt	TN	\$ 174.77	3.400	\$ 594.22	\$ 450.00	12.00	\$ 5,400.00
Superpave Asphaltic Concrete, Traffic B	TN	\$ 87.45	574.000	\$ 50,196.30	\$ 168.00	627.00	\$ 105,336.00
Asphalt Concrete Friction Course, Traffic B, FC-12.5, Pg 76-22	TN	\$ 110.93	432.600	\$ 47,988.32	\$ 230.00	470.00	\$ 108,100.00
Miscellaneous Asphalt Pavement	TN	\$ 142.57	7.740	\$ 1,103.49	\$ 230.00	48.00	\$ 11,040.00
Pipe Culvert, Optional Material, Round, 18" S/CD	LF	\$ 75.17	50.000	\$ 3,758.50	\$ 215.00	50.00	\$ 10,750.00
Mitered End Section, Optional Round, 18" CD	EA	\$ 1,604.92	2.000	\$ 3,209.84	\$ 3,500.00	2.00	\$ 7,000.00
Concrete Curb and Gutter, Type F	LF	\$ 26.14	22.480	\$ 587.63	\$ 200.00	22.00	\$ 4,400.00
Guardrail – Roadway, General TL-3	LF	\$ 15.90	694.000	\$ 11,034.60	\$ 33.00	689.00	\$ 22,737.00
Special Guardrail Post – Deep Post for Slope Break Condition – Timber Or Steel	EA	\$ 50.68	94.000	\$ 4,763.92	\$ 170.00	1.00	\$ 170.00
Guardrail End Treatment – Parallel Approach Terminal	EA	\$ 2,814.52	2.000	\$ 5,629.04	\$ 3,700.00	2.00	\$ 7,400.00
Performance Turf, Sod	SY	\$ 2.66	16690.000	\$ 44,395.40	\$ 3.50	30200.00	\$ 105,700.00
Conduit, Furnish & Install, Open Trench	LF	\$ 7.34	39.000	\$ 286.26	\$ 15.00	39.00	\$ 585.00
Conduit, Furnish & Install, Directional Bore	LF	\$ 20.13	60.000	\$ 1,207.80	\$ 20.00	60.00	\$ 1,200.00
Signal Cable, - New or reconstructed intersection, Furnish and Install	PI	\$ 4,687.85	1.000	\$ 4,687.85	\$ 6,400.00	1.00	\$ 6,400.00
Pull & Splice box, F&I, 13" x 24" Cover Size	EA	\$ 741.35	4.000	\$ 2,965.40	\$ 1,100.00	4.00	\$ 4,400.00
Electrical Power Service, F&I, Overhead, Meter Furnished by Power Company	AS	\$ 1,456.26	1.000	\$ 1,456.26	\$ 2,600.00	1.00	\$ 2,600.00
Electrical Service Wire, Furnish & Install	LF	\$ 6.26	29.000	\$ 181.54	\$ 4.50	29.00	\$ 130.50
Prestressed Concrete Pole, F&I, Type P-11 Service Pole	EA	\$ 1,409.40	1.000	\$ 1,409.40	\$ 890.00	1.00	\$ 890.00
Steel Mast Arm Assembly, Furnish and Install, Single Arm 78'	EA	\$ 58,536.45	1.000	\$ 58,536.45	\$ 71,000.00	1.00	\$ 71,000.00
Vehicular Traffic Signal, Furnish & Install Aluminum, 1 Section, 1 Way	AS	\$ 810.00	8.000	\$ 6,480.00	\$ 760.00	8.00	\$ 6,080.00
Traffic Controller Assembly, F&I, NEMA, 1 Preemption	AS	\$ 34,666.55	1.000	\$ 34,666.55	\$ 33,000.00	1.00	\$ 33,000.00
Uninterruptible Power Supply, Furnish and Install, Line Interactive with	EA	\$ 7,724.48	1.000	\$ 7,724.48	\$ 7,500.00	2.00	\$ 15,000.00
Internally Illuminated Sign, Furnish and Install, Overhead Mount, 12-18	EA	\$ 3,715.72	2.000	\$ 7,431.44	\$ 3,800.00	2.00	\$ 7,600.00
Single Post Sign, F&I Ground Mount, up to 12 SF	AS	\$ 344.32	6.000	\$ 2,065.92	\$ 930.00	5.00	\$ 4,650.00
Single Post Sign, Remove	AS	\$ 32.15	3.000	\$ 96.45	\$ 180.00	3.00	\$ 540.00
Sign Panel, Relocate, Up to 12 SF	EA	\$ 104.74	4.000	\$ 418.96	\$ 370.00	4.00	\$ 1,480.00
Sign Beacon, F&I Ground Mount – Solar Powered, One Beacon	AS	\$ 6,395.78	3.000	\$ 19,187.34	\$ 8,600.00	2.00	\$ 17,200.00

ENGINEER'S ESTIMATE \$1,143,902		Engineer's Estimate			P & S Paving		
DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT
Profiled Thermoplastic, Standard – Asphalt Surfaces, White, Solid 6”	GM	\$ 5,852.61	13.152	\$ 76,973.53	\$ 7,100.00	13.88	\$ 98,548.00
Profiled Thermoplastic, Standard – Asphalt Surfaces, Yellow, Solid 6”	GM	\$ 6,056.53	10.364	\$ 62,769.88	\$ 7,000.00	10.48	\$ 73,360.00
Profiled Thermoplastic, Standard – Asphalt Surfaces, Yellow , Skip, 6”	GM	\$ 1,700.00	1.600	\$ 2,720.00	\$ 2,000.00	1.63	\$ 3,260.00
Retro-reflective Raised Pavement Markers	EA	\$ 3.38	2139.000	\$ 7,229.82	\$ 4.50	3350.00	\$ 15,075.00
Painted Pavement Markings – Standard, White, Solid, 6”	GM	\$ 973.55	13.664	\$ 13,302.59	\$ 1,500.00	15.00	\$ 22,500.00
Painted Pavement Markings, Standard, White, Solid for Crosswalk and Round	LF	\$ 1.00	166.000	\$ 166.00	\$ 0.95	360.00	\$ 342.00
Painted Pavement Markings, Standard, White Solid for Stop Line or Crosswalk	LF	\$ 1.40	87.000	\$ 121.80	\$ 3.75	90.00	\$ 337.50
Painted Pavement Markings, Standard, White, Message or Symbol	EA	\$ 48.55	1.000	\$ 48.55	\$ 93.75	1.00	\$ 93.75
Painted Pavement Markings, Standard, Yellow, Solid, 6”	GM	\$ 1,048.79	11.165	\$ 11,709.74	\$ 1,500.00	10.50	\$ 15,750.00
Painted Pavement Markings, Standard, Yellow, Solid for Diagonal or Chevron	LF	\$ 1.61	577.700	\$ 930.10	\$ 2.50	760.00	\$ 1,900.00
Painted Pavement Markings, Standard, Yellow, Skip, 6”	GM	\$ 584.96	1.600	\$ 935.94	\$ 437.50	1.60	\$ 700.00
Thermoplastic, Standard, White, Solid, 12” for Crosswalk and Roundabout	LF	\$ 2.54	166.000	\$ 421.64	\$ 3.15	360.00	\$ 1,134.00
Thermoplastic, Standard, Shite, Solid, 24” for Stop Line and Crosswalk	LF	\$ 4.55	87.000	\$ 395.85	\$ 6.90	90.00	\$ 621.00
Thermoplastic, Standard, White, Message or Symbol	EA	\$ 117.58	1.000	\$ 117.58	\$ 250.00	1.00	\$ 250.00
Thermoplastic, Standard, Yellow, Solid, 18” for Diagonal or Chevron	LF	\$ 3.56	578.000	\$ 2,057.68	\$ 4.50	760.00	\$ 3,420.00
Thermoplastic, Preformed, White, Solid, 24” for Crosswalk	LF	\$ 15.87	135.000	\$ 2,142.45	\$ 25.00	80.00	\$ 2,000.00
Thermoplastic, Standard – Other Surfaces, White, Solid, 6”	GM	\$ 4,126.56	0.512	\$ 2,112.80	\$ 7,249.99	0.85	\$ 6,162.49
Thermoplastic, Standard, Other Surfaces, Yellow, Solid, 6”	GM	\$ 4,171.74	0.836	\$ 3,487.57	\$ 7,250.00	0.70	\$ 5,075.00
Thermoplastic, Remove Existing Thermoplastic Pavement Markings – Non Conflicting	SF	\$ 1.44	56631.000	\$ 81,548.64	\$ 0.60	68000.00	\$ 40,800.00
				\$ -			\$ -
				\$ -			\$ -
TOTAL LUMP SUM BID				\$ 1,143,901.43			\$ 1,963,726.24
NUMBER OF CALENDAR DAYS							250
COMMENTS							

ENGINEER'S ESTIMATE \$1,143,902		Engineer's Estimate			P & S Paving (Current Bid 3/17/22)			P&S Paving (First Bid 3/18/21)		
DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT
Mobilization	LS	\$ 94,537.32	1.000	\$ 94,537.32	\$ 156,000.00	1.00	\$ 156,000.00	\$ 129,000.00	1.00	\$ 129,000.00
Grading/Final Dressing	LS			\$ -	\$ 59,000.00	1.00	\$ 59,000.00	\$ 63,000.00	1.00	\$ 63,000.00
Survey/Layout/As Builts	LS			\$ -	\$ 43,000.00	1.00	\$ 43,000.00	\$ 42,000.00	1.00	\$ 42,000.00
Payment/Performance Bond	LS			\$ -	\$ 7,400.00	1.00	\$ 7,400.00	\$ 12,000.00	1.00	\$ 12,000.00
Quality Control Testing	LS			\$ -	\$ 28,500.00	1.00	\$ 28,500.00	\$ 31,000.00	1.00	\$ 31,000.00
NPDES Permit	LS			\$ -	\$ 550.00	1.00	\$ 550.00	\$ 500.00	1.00	\$ 500.00
Portable Toilet	LS			\$ -	\$ 1,300.00	1.00	\$ 1,300.00	\$ 1,000.00	1.00	\$ 1,000.00
Maintenance of Traffic	LS	\$ 103,991.06	1.000	\$ 103,991.06	\$ 225,000.00	1.00	\$ 225,000.00	\$ 165,000.00	1.00	\$ 165,000.00
Work Zone Sign	ED	\$ 0.30	35620.000	\$ 10,686.00			\$ -	\$ 0.45	30000.00	\$ 13,500.00
Temporary Barrier, F&I, Anchored	LF	\$ 24.02	840.000	\$ 20,176.80			\$ -	\$ 31.00	836.00	\$ 25,916.00
Channelizing Device - Types I, II, DI, VP, Drum, or LCD	ED	\$ 0.13	75570.000	\$ 9,824.10			\$ -	\$ 0.15	20000.00	\$ 3,000.00
Temporary Crash Cushion, Redirective Option	LO	\$ 982.30	2.000	\$ 1,964.60			\$ -	\$ 4,300.00	2.00	\$ 8,600.00
Portable Changeable Message Sign, Temporary	ED	\$ 11.87	417.000	\$ 4,949.79	\$ 13.50	540.00	\$ 7,290.00	\$ 22.50	400.00	\$ 9,000.00
Temporary Raised Rumble Strips	DA	\$ 32.03	260.000	\$ 8,327.80			\$ -	\$ 12.50	200.00	\$ 2,500.00
Sediment Barrier	LF	\$ 1.87	16380.508	\$ 30,631.55	\$ 2.00	7000.00	\$ 14,000.00	\$ 2.00	13300.00	\$ 26,600.00
Staked Turbidity Barrier – Nylon Reinforced PVC	LF	\$ 4.97	110.000	\$ 546.70	\$ 3.00	1600.00	\$ 4,800.00	\$ 8.00	80.00	\$ 640.00
Inlet Protection System	EA	\$ 115.69	3.000	\$ 347.07	\$ 300.00	1.00	\$ 300.00	\$ 180.00	1.00	\$ 180.00
Litter Removal	AC	\$ 27.94	62.656	\$ 1,750.61	\$ 50.00	135.00	\$ 6,750.00	\$ 50.00	230.00	\$ 11,500.00
Mowing	AC	\$ 45.47	72.820	\$ 3,311.13	\$ 50.00	135.00	\$ 6,750.00	\$ 50.00	230.00	\$ 11,500.00
Clearing and Grubbing	AC	\$ 10,348.06	4.590	\$ 47,456.20	\$ 75,000.00	1.00	\$ 75,000.00	\$ 90,000.00	1.00	\$ 90,000.00
Selective Clearing and Grubbing, areas with trees to remain	AC	\$ 27,107.79	0.490	\$ 13,282.82	\$ 16,000.00	1.00	\$ 16,000.00	\$ 25,000.00	1.00	\$ 25,000.00
Removal of Existing Concrete	SY	\$ 20.01	5.329	\$ 106.65	\$ 100.00	6.00	\$ 600.00	\$ 100.00	6.00	\$ 600.00
Regular Excavation	CY	\$ 6.71	2571.000	\$ 17,251.41	\$ 18.00	1696.00	\$ 30,528.00	\$ 15.00	2534.00	\$ 38,010.00
Subsoil Excavation	CY	\$ 7.56	1129.000	\$ 8,535.24			\$ -	\$ 25.00	1251.00	\$ 31,275.00
Embankment	CY	\$ 8.63	1775.000	\$ 15,318.25	\$ 26.00	1322.00	\$ 34,372.00	\$ 25.00	1996.00	\$ 49,900.00
Type B Stabilization	SY	\$ 5.47	7658.400	\$ 41,891.45	\$ 22.00	4138.00	\$ 91,036.00	\$ 10.00	7683.00	\$ 76,830.00
Optional Base, Base Group 09	SY	\$ 21.37	5510.500	\$ 117,759.39	\$ 58.00	3468.00	\$ 201,144.00	\$ 42.00	5799.00	\$ 243,558.00
Turnout Construction – Asphalt	TN	\$ 174.77	3.400	\$ 594.22	\$ 460.00	12.00	\$ 5,520.00	\$ 450.00	12.00	\$ 5,400.00
Superpave Asphaltic Concrete, Traffic B	TN	\$ 87.45	574.000	\$ 50,196.30	\$ 180.00	382.00	\$ 68,760.00	\$ 168.00	627.00	\$ 105,336.00
Asphalt Concrete Friction Course, Traffic B, FC-12.5, Pg 76-22	TN	\$ 110.93	432.600	\$ 47,988.32	\$ 230.00	306.00	\$ 70,380.00	\$ 230.00	470.00	\$ 108,100.00
Miscellaneous Asphalt Pavement	TN	\$ 142.57	7.740	\$ 1,103.49	\$ 230.00	48.00	\$ 11,040.00	\$ 230.00	48.00	\$ 11,040.00
Pipe Culvert, Optional Material, Round, 18" S/CD	LF	\$ 75.17	50.000	\$ 3,758.50	\$ 400.00	32.00	\$ 12,800.00	\$ 215.00	50.00	\$ 10,750.00
Mitered End Section, Optional Round, 18" CD	EA	\$ 1,604.92	2.000	\$ 3,209.84	\$ 4,300.00	2.00	\$ 8,600.00	\$ 3,500.00	2.00	\$ 7,000.00
Concrete Curb and Gutter, Type F	LF	\$ 26.14	22.480	\$ 587.63	\$ 255.00	22.00	\$ 5,610.00	\$ 200.00	22.00	\$ 4,400.00
Guardrail – Roadway, General TL-3	LF	\$ 15.90	694.000	\$ 11,034.60	\$ 36.00	715.00	\$ 25,740.00	\$ 33.00	689.00	\$ 22,737.00
Special Guardrail Post – Deep Post for Slope Break Condition – Timber Or Steel	EA	\$ 50.68	94.000	\$ 4,763.92	\$ 310.00	1.00	\$ 310.00	\$ 170.00	1.00	\$ 170.00
Guardrail End Treatment – Parallel Approach Terminal	EA	\$ 2,814.52	2.000	\$ 5,629.04	\$ 4,700.00	2.00	\$ 9,400.00	\$ 3,700.00	2.00	\$ 7,400.00
Performance Turf, Sod	SY	\$ 2.66	16690.000	\$ 44,395.40	\$ 4.00	20100.00	\$ 80,400.00	\$ 3.50	30200.00	\$ 105,700.00
Conduit, Furnish & Install, Open Trench	LF	\$ 7.34	39.000	\$ 286.26	\$ 33.00	39.00	\$ 1,287.00	\$ 15.00	39.00	\$ 585.00
Conduit, Furnish & Install, Directional Bore	LF	\$ 20.13	60.000	\$ 1,207.80	\$ 58.00	60.00	\$ 3,480.00	\$ 20.00	60.00	\$ 1,200.00
Signal Cable, - New or reconstructed intersection, Furnish and Install	PI	\$ 4,687.85	1.000	\$ 4,687.85	\$ 9,500.00	1.00	\$ 9,500.00	\$ 6,400.00	1.00	\$ 6,400.00
Pull & Splice box, F&I, 13" x 24" Cover Size	EA	\$ 741.35	4.000	\$ 2,965.40	\$ 1,400.00	4.00	\$ 5,600.00	\$ 1,100.00	4.00	\$ 4,400.00
Electrical Power Service, F&I, Overhead, Meter Furnished by Power Company	AS	\$ 1,456.26	1.000	\$ 1,456.26	\$ 4,700.00	1.00	\$ 4,700.00	\$ 2,600.00	1.00	\$ 2,600.00
Electrical Service Wire, Furnish & Install	LF	\$ 6.26	29.000	\$ 181.54	\$ 7.00	29.00	\$ 203.00	\$ 4.50	29.00	\$ 130.50
Prestressed Concrete Pole, F&I, Type P-11 Service Pole	EA	\$ 1,409.40	1.000	\$ 1,409.40	\$ 1,300.00	1.00	\$ 1,300.00	\$ 890.00	1.00	\$ 890.00
Steel Mast Arm Assembly, Furnish and Install, Single Arm 78'	EA	\$ 58,536.45	1.000	\$ 58,536.45	\$ 132,000.00	1.00	\$ 132,000.00	\$ 71,000.00	1.00	\$ 71,000.00
Vehicular Traffic Signal, Furnish & Install Aluminum, 1 Section, 1 Way	AS	\$ 810.00	8.000	\$ 6,480.00	\$ 1,200.00	8.00	\$ 9,600.00	\$ 760.00	8.00	\$ 6,080.00
Traffic Controller Assembly, F&I, NEMA, 1 Preemption	AS	\$ 34,666.55	1.000	\$ 34,666.55	\$ 35,000.00	1.00	\$ 35,000.00	\$ 33,000.00	1.00	\$ 33,000.00
Uninterruptible Power Supply, Furnish and Install, Line Interactive with	EA	\$ 7,724.48	1.000	\$ 7,724.48	\$ 11,700.00	1.00	\$ 11,700.00	\$ 7,500.00	2.00	\$ 15,000.00
Internally Illuminated Sign, Furnish and Install, Overhead Mount, 12-18	EA	\$ 3,715.72	2.000	\$ 7,431.44	\$ 4,750.00	2.00	\$ 9,500.00	\$ 3,800.00	2.00	\$ 7,600.00
Single Post Sign, F&I Ground Mount, up to 12 SF	AS	\$ 344.32	6.000	\$ 2,065.92	\$ 600.00	3.00	\$ 1,800.00	\$ 930.00	5.00	\$ 4,650.00
Single Post Sign, Remove	AS	\$ 32.15	3.000	\$ 96.45	\$ 95.00	3.00	\$ 285.00	\$ 180.00	3.00	\$ 540.00
Sign Panel, Relocate, Up to 12 SF	EA	\$ 104.74	4.000	\$ 418.96	\$ 280.00	2.00	\$ 560.00	\$ 370.00	4.00	\$ 1,480.00
Sign Beacon, F&I Ground Mount – Solar Powered, One Beacon	AS	\$ 6,395.78	3.000	\$ 19,187.34	\$ 13,000.00	3.00	\$ 39,000.00	\$ 8,600.00	2.00	\$ 17,200.00
Profiled Thermoplastic, Standard – Asphalt Surfaces, White, Solid 6"	GM	\$ 5,852.61	13.152	\$ 76,973.53	\$ 9,800.00	20.00	\$ 196,000.00	\$ 7,100.00	13.88	\$ 98,548.00
Profiled Thermoplastic, Standard – Asphalt Surfaces, Yellow, Solid 6"	GM	\$ 6,056.53	10.364	\$ 62,769.88	\$ 9,800.00	19.54	\$ 191,492.00	\$ 7,000.00	10.48	\$ 73,360.00
Profiled Thermoplastic, Standard – Asphalt Surfaces, Yellow , Skip, 6"	GM	\$ 1,700.00	1.600	\$ 2,720.00	\$ 3,300.00	1.60	\$ 5,280.00	\$ 2,000.00	1.63	\$ 3,260.00
Retro-reflective Raised Pavement Markers	EA	\$ 3.38	2139.000	\$ 7,229.82	\$ 8.00	3200.00	\$ 25,600.00	\$ 4.50	3350.00	\$ 15,075.00
Painted Pavement Markings – Standard, White, Solid, 6"	GM	\$ 973.55	13.664	\$ 13,302.59	\$ 2,100.00	15.00	\$ 31,500.00	\$ 1,500.00	15.00	\$ 22,500.00
Painted Pavement Markings, Standard, White, Solid for Crosswalk and Round	LF	\$ 1.00	166.000	\$ 166.00	\$ 3.50	360.00	\$ 1,260.00	\$ 0.95	360.00	\$ 342.00
Painted Pavement Markings, Standard, White Solid for Stop Line or Crosswalk	LF	\$ 1.40	87.000	\$ 121.80	\$ 6.00	90.00	\$ 540.00	\$ 3.75	90.00	\$ 337.50
Painted Pavement Markings, Standard, White, Message or Symbol	EA	\$ 48.55	1.000	\$ 48.55	\$ 110.00	1.00	\$ 110.00	\$ 93.75	1.00	\$ 93.75
Painted Pavement Markings, Standard, Yellow, Solid, 6"	GM	\$ 1,048.79	11.165	\$ 11,709.74	\$ 2,100.00	10.00	\$ 21,000.00	\$ 1,500.00	10.50	\$ 15,750.00
Painted Pavement Markings, Standard, Yellow, Solid for Diagonal or Chevron	LF	\$ 1.61	577.700	\$ 930.10	\$ 5.00	760.00	\$ 3,800.00	\$ 2.50	760.00	\$ 1,900.00
Painted Pavement Markings, Standard, Yellow, Skip, 6"	GM	\$ 584.96	1.600	\$ 935.94	\$ 1,300.00	1.60	\$ 2,080.00	\$ 437.50	1.60	\$ 700.00
Thermoplastic, Standard, White, Solid, 12" for Crosswalk and Roundabout	LF	\$ 2.54	166.000	\$ 421.64	\$ 7.50	360.00	\$ 2,700.00	\$ 3.15	360.00	\$ 1,134.00
Thermoplastic, Standard, Shite, Solid, 24" for Stop Line and Crosswalk	LF	\$ 4.55	87.000	\$ 395.85	\$ 12.00	90.00	\$ 1,080.00	\$ 6.90	90.00	\$ 621.00
Thermoplastic, Standard, White, Message or Symbol	EA	\$ 117.58	1.000	\$ 117.58	\$ 240.00	1.00	\$ 240.00	\$ 250.00	1.00	\$ 250.00
Thermoplastic, Standard, Yellow, Solid, 18" for Diagonal or Chevron	LF	\$ 3.56	578.000	\$ 2,057.68	\$ 10.00	760.00	\$ 7,600.00	\$ 4.50	760.00	\$ 3,420.00
Thermoplastic, Preformed, White, Solid, 24" for Crosswalk	LF	\$ 15.87	135.000	\$ 2,142.45	\$ 25.00	126.00	\$ 3,150.00	\$ 25.00	80.00	\$ 2,000.00
Thermoplastic, Standard – Other Surfaces, White, Solid, 6"	GM	\$ 4,126.56	0.512	\$ 2,112.80	\$ 8,000.00	0.50	\$ 4,000.00	\$ 7,249.99	0.85	\$ 6,162.49
Thermoplastic, Standard, Other Surfaces, Yellow, Solid, 6"	GM	\$ 4,171.74	0.836	\$ 3,487.57	\$ 8,000.00	1.22	\$ 9,760.00	\$ 7,250.00	0.70	\$ 5,075.00
Thermoplastic, Remove Existing Thermoplastic Pavement Markings – Non Conflicting	SF	\$ 1.44	56631.000	\$ 81,548.64	\$ 4.00	725.00	\$ 2,900.00	\$ 0.60	68000.00	\$ 40,800.00
SUBTOTAL OF MAIN BID				\$ 1,143,901.43			\$ 2,083,487.00			\$ 1,963,726.24
NUMBER OF CALENDAR DAYS						210			250	

ENGINEER'S ESTIMATE \$1,143,902		Engineer's Estimate			P & S Paving (Current Bid 3/17/22)			P&S Paving (First Bid 3/18/21)		
DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT
ALTERNATE BID #1										
Grading/Final Dressing	LS				\$ 41,000.00	1.00	\$ 41,000.00			
Survey/Layout/As Builts	LS				\$ 4,500.00	1.00	\$ 4,500.00			
Quality Control Testing	LS				\$ 2,800.00	1.00	\$ 2,800.00			
Maintenance of Traffic	LS				\$ 16,000.00	1.00	\$ 16,000.00			
Removal of Existing Concrete	SY				\$ 258.00	6.00	\$ 1,548.00			
Type B Stabilization	SY				\$ 22.00	976.00	\$ 21,472.00			
Optional Base, Base Group 09	SY				\$ 65.00	535.00	\$ 34,775.00			
Superpave Asphaltic Concrete, Traffic B	TN				\$ 235.00	60.00	\$ 14,100.00			
Asphalt Concrete Friction Course, Traffic B, FC-12.5, Pag 76-22	TN				\$ 195.00	105.00	\$ 20,475.00			
Concrete Curb and Gutter, Type F	LF				\$ 175.00	22.00	\$ 3,850.00			
SUBTOTAL ALTERNATE BID #1										
TOTAL NUMBER OF DAYS										
ALTERNATE BID #2										
Grading/Final Dressing	LS				\$ 16,800.00	1.00	\$ 16,800.00			
Survey/Layout/As Builts	LS				\$ 2,200.00	1.00	\$ 2,200.00			
Quality Control Testing	LS				\$ 2,800.00	1.00	\$ 2,800.00			
Maintenance of Traffic	LS				\$ 7,900.00	1.00	\$ 7,900.00			
Type B Stabilization	SY				\$ 22.00	428.00	\$ 9,416.00			
Optional Base, Base Group 9	SY				\$ 76.00	186.00	\$ 14,136.00			
Superpave Asphaltic Concrete, Traffic B	TN				\$ 275.00	22.00	\$ 6,050.00			
Asphalt, Concrete Friction Course, Traffic B, FC-12.5, Pg 76-22	TN				\$ 350.00	37.00	\$ 12,950.00			
SUBTOTAL ALTERNATE BID #2										
TOTAL NUMBER OF DAYS										
TOTAL LUMP SUM BID		\$ 1,143,901.43			\$ 2,316,259.00			\$ 1,963,726.24		
NUMBER OF CALENDAR DAYS					250			250		
COMMENTS										