

BID ADDENDUM #2 US 522 Pedestrian and Bicycle Safety Improvements (Road Diet) UPC 109573 May 16, 2022

The primary purpose of this bid addendum is to answer questions received after the release of Bid Addendum #1, and prior to the deadline for receipt of questions. Bids are still due no later than <u>Wednesday, May 18th, 2pm</u> at the Town of Culpeper Offices as described in the Instructions to Bidders. Bids will be opened and read aloud after the time for receipt of bids, using the Zoom virtual meeting platform as described in the invitation for bids. Bidders are not required to participate in the bid opening using the Zoom virtual meeting platform, however bidders are required to check the Town procurement website for this bid addendum and any other bid addenda prior to the date and time for bids due and also to acknowledge all bid addenda on your bid form to be submitted with all the required state and federal forms.

1. Under Section 9 Questions/Open Discussion referenced in Addendum #1 posted 5/9/22, Question #1 states that the actual NTP "will be worked out with the selected Contractor and the 365 calendar days...". If the actual NTP date plus the 365-calendar day duration extends beyond September 15, 2023, is that acceptable?

<u>Answer</u> –The calendar date was provided for this bid to demonstrate the intent behind the contractual 365 calendar days and the estimated start date, however with appropriate justification such as material supply chain issues, the Town is agreeable to delaying the start date for construction somewhat with appropriate justification.

2. Is the project site considered an unclassified site for earthwork purposes?

<u>Answer</u> – Yes. Payment will be made lump sum, based on Pay Item #00126.

3. Is an Engineer's office required?

<u>Answer</u> – No.

4. Is the Contractor required to procure and pay for the VSMP permit or this already provided by the Owner?

Answer – the VSMP permit and permit fee are the responsibility of the Contractor.

5. Is the Contractor responsible for all permits. What is the estimated cost for the Town of Culpeper permits, fees, utility connections, etc. to include land disturbance permit fee?

<u>Answer</u> – All permits and permit fees, including Town permits and fees, are the responsibility of the Contractor.

6. Does the Town of Culpeper require any of the utility work to be performed by a preapproved Contractor? If so, please provide the preapproved Contractor's list?

<u>Answer</u> – There is no Town pre-approved list for utility contractors on this project.

7. Bid Item #720 "NS Water Utility – Lower 8" Water Main". Does the Town of Culpeper and/or VDOT require any of this work to be performed by a preapproved Contractor? If so, please provide the preapproved Contractor's list?

Answer - There is no Town pre-approved list for utility contractors on this project.

8. Bid Item #840 "NS Utilities – Verify Location of Existing Communication Lines". Per Virginia Miss Utility regulations, the utility company would locate their respective lines. Please provide intent and scope for this bid item?

<u>Answer</u> – Bidders are responsible for coordinating with the utility provider to determine and include associated costs. We did not perform utility test holes during the design phase for the existing communication lines, however the test pits and pavement cores that were performed during the design are attached to this bid addendum as additional information that is available for bidding purposes.

9. Bid items #600 "NS Adjust Exist. Electric Hand Hole", #610 "NS Adjust Exist. Telephone Box", and #620 "NS Adjust Exist. Guy Wires" may incorporate work that is required to be completed by the utility company, not the Contractor. Response to question #41 provided in Addendum #3 dated November 25, 2020 states "Bidders are responsible for coordinating with the utility providers prior to submitting a bid." None of these items can be completed by the Contractor as they are owned by the Utility provider and only the Utility provider can complete these items. Please confirm that the Owner has already coordinated with these utility providers and verify that the Contractor does not have any direct responsibility or scope of work? This is merely to compensate the cost for the utility work/relocations in accordance with VDOT Road and Bridge Specs. 2020? If the Contractor is responsible, please define scope of work to properly price?

<u>Answer</u> - Bidders are responsible for coordinating with the utility providers for these bid items to determine and include associated costs for utility adjustments, as required.

10. On Sheet C2.0, Utility Notes #5, states "The Contractor shall, at a minimum, remove or relocate any utility that interferes with the construction shown on these plans". VDOT LAP project design/construction guidelines does not require the Contractor to be accountable for any additional removal and/or relocation at the Contractor's expense that is not specifically shown on the plans. Please confirm that the Town of Culpeper and VDOT will agree that any additional utilities not shown on the bid plans are subject to a changed condition for the Contractor for both additional compensation and time extension subject to the change order requirements of this contract?

<u>Answer</u> – Additional utilities encountered for this work will be handled based on VDOT Road and Bridge specifications and construction guidelines.

11. Bid Item #960 "Traversable Concrete Island, 12" Concrete & Stamped". Specifications are not provided that outline the criteria for this item; such as color, stamp pattern, etc. Additionally, on Sheet C2.3, detail for the concrete island states "colored stamped surface finish approved by Town of Culpeper". Response to question #41 provided in Addendum #3 dated November 25, 2020 states "The cost for providing colored concrete with a stamped surface finish shall be included in the Base Bid for Line Item #0960. The contractor who is awarded the project will be required to submit the specific color and stamp pattern chosen for this project for review and approval by the Town of Culpeper prior to the work. The Town desires for the concrete used in the central island and splitter islands to be visually distinct and contrast with adjacent structures." It does not appear that any additional detail has been provided in these bid documents. The price for both color and stamp selection can

drastically vary in cost. Please provide specification (color and stamp), including concrete central island and splitter island?

<u>Answer</u> - The basis of payment for this bid item has not changed. The contractor who is awarded the project will be required to submit the specific color and stamp pattern proposed for this project for review and approval by the Town of Culpeper prior to the work. The Town desires for the concrete used in the central island and splitter islands to be visually distinct and contrast with adjacent structures.

12. Please confirm bid Item #1030 "Traversable Concrete Island, 12" Concrete & Stamped" is to include both concrete central island and splitter island section?

Answer - Yes.

13. Will undercutting required for rock, shale, hardpan, loose rock, boulders, etc. be paid as bid item #30 "Earthwork"? Also, does the price for undercutting excavation include backfill?

<u>Answer</u> – Earthwork is unclassified and will be paid standard per VDOT Road and Bridge Specifications.

14. Do the contract documents allow for any adjustment in contract time due to unusually adverse weather conditions?

<u>Answer</u> – Contract time will be based on the dual date contract form included in the bid manual.

15. On Sheet C15.2, Underground Detention Plan, there is no reference to a specific manufacturer. Please confirm there is no required manufacturer? If so, please provide supplier's contact info.

Answer – There is no required manufacturer for the underground detention system.

16. Will VMS Boards need to remain in place for Phase 3 detour plan for entire duration that detour is in place?

<u>Answer</u> – Yes.

17. Do the RW-2 retaining walls require any surface treatment?

<u>Answer</u> – No.

18. Please provide engineer's estimate.

<u>Answer</u> – The estimate is not available for bidding purposes.



TEST HOLE INFORMATION:

JOB NUMBER:	DATE:
16-0865.001	04/17/2019
TEST HOLE NUMBER:	TECHNICIANS (FIRST NAME AND LAST INITIAL) :
TH-1	Mike T, Victor T, Jorge M, Erik P, and Greg H
PROJECT NAME:	JOB LOCATION:
US 522 Sperryville Pike Culpeper VA	901 Sperryville Pike Culpeper, VA 22701 United States
REQUESTED BY (CLIENT NAME AND COMPANY):	CONDITION OF UTILITY:
Don Rissmeyer/ AMT	FAIR
GPS	PAVEMENT TYPE:
Latitude: 38.481571 Longitude: -78.008743	GRASS
UTILITY REQUESTED:	PAVEMENT THICKNESS:
GAS	N/A
UTILITY FOUND:	SUB-PAVEMENT TYPE:
GAS	N/A
SOIL CONDITIONS:	SUB-PAVEMENT THICKNESS:
DIRT/ROCK	N/A

ELEVATION AND SURVEY INFORMATION:

ELEVATION AT EXISTING GRADE:	HORIZONTAL:
N/A	NAD 83
EXISTING DEPTH OF UTILITY TOP:	VERTICAL:
2.15'	NAVD 88
ELEVATION AT TOP OF UTILITY:	NORTHING:
N/A	N/A
ELEVATION AT BOTTOM OF UTILITY:	EASTING:
N/A	N/A
EXISTING DEPTH OF UTILITY BOTTOM:	ELEVATION:
N/A	N/A
MATERIAL COMPOSITION:	TYPE OF SURVEY MARKER:
PLASTIC	WOODEN HUB WITH TAC
UTILITY DIAMETER/ WIDTH:	TYPE OF RIBBON COLOR:
4"+/-	YELLOW
DRAWING FACE:	LOCATION OF MARKER:
NORTH	CENTER
	ELEVATION REFERENCED TO:
	PROJECT CONTROL

GENERAL NOTES:









TEST HOLE INFORMATION:

JOB NUMBER:	DATE:
16-0865.001	04/17/2019
TEST HOLE NUMBER:	TECHNICIANS (FIRST NAME AND LAST INITIAL) :
TH-1A	Mike T, Victor T, Jorge M, Erik P, and Greg H
PROJECT NAME:	JOB LOCATION:
US 522 Sperryville Pike Culpeper VA	901 Sperryville Pike Culpeper, VA 22701 United States
REQUESTED BY (CLIENT NAME AND COMPANY):	CONDITION OF UTILITY:
Don Rissmeyer/ AMT	FAIR
GPS	PAVEMENT TYPE:
Latitude: 38.481548 Longitude: -78.008759	GRASS
UTILITY REQUESTED:	PAVEMENT THICKNESS:
WATER	N/A
UTILITY FOUND:	SUB-PAVEMENT TYPE:
WATER	N/A
SOIL CONDITIONS:	SUB-PAVEMENT THICKNESS:
DIRT/ROCK	N/A

ELEVATION AND SURVEY INFORMATION:

ELEVATION AT EXISTING GRADE:	HORIZONTAL:
N/A	NAD 83
EXISTING DEPTH OF UTILITY TOP:	VERTICAL:
3.85'	NAVD 88
ELEVATION AT TOP OF UTILITY:	NORTHING:
N/A	N/A
ELEVATION AT BOTTOM OF UTILITY:	EASTING:
N/A	N/A
EXISTING DEPTH OF UTILITY BOTTOM:	ELEVATION:
N/A	N/A
MATERIAL COMPOSITION:	TYPE OF SURVEY MARKER:
DUCTILE IRON	WOODEN HUB WITH TAC
UTILITY DIAMETER/ WIDTH:	TYPE OF RIBBON COLOR:
12"+/-	BLUE
DRAWING FACE:	LOCATION OF MARKER:
NORTH	CROWN
	ELEVATION REFERENCED TO:
	PROJECT CONTROL

GENERAL NOTES:









TEST HOLE INFORMATION:

JOB NUMBER:	DATE:
16-0865.001	04/17/2019
TEST HOLE NUMBER:	TECHNICIANS (FIRST NAME AND LAST INITIAL) :
TH-2	Mike T, Victor T, Jorge M, Erik P, and Greg H
PROJECT NAME:	JOB LOCATION:
US 522 Sperryville Pike Culpeper VA	901 Sperryville Pike Culpeper, VA 22701 United States
REQUESTED BY (CLIENT NAME AND COMPANY):	CONDITION OF UTILITY:
Don Rissmeyer/ AMT	FAIR
GPS	PAVEMENT TYPE:
Latitude: 38.481441 Longitude: -78.008591	ASPHALT
UTILITY REQUESTED:	PAVEMENT THICKNESS:
WATER	12"
UTILITY FOUND:	SUB-PAVEMENT TYPE:
WATER	N/A
SOIL CONDITIONS:	SUB-PAVEMENT THICKNESS:

ELEVATION AND SURVEY INFORMATION:

ELEVATION AT EXISTING GRADE:	HORIZONTAL:
N/A	NAD 83
EXISTING DEPTH OF UTILITY TOP:	VERTICAL:
4.28'	NAVD 88
ELEVATION AT TOP OF UTILITY:	NORTHING:
N/A	N/A
ELEVATION AT BOTTOM OF UTILITY:	EASTING:
N/A	N/A
EXISTING DEPTH OF UTILITY BOTTOM:	ELEVATION:
N/A	N/A
MATERIAL COMPOSITION:	TYPE OF SURVEY MARKER:
DUCTILE IRON	CHISELED X
UTILITY DIAMETER/ WIDTH:	TYPE OF RIBBON COLOR:
9" +/-	N/A
DRAWING FACE:	LOCATION OF MARKER:
NORTH	CROWN
	ELEVATION REFERENCED TO:
	PROJECT CONTROL

GENERAL NOTES:









TEST HOLE INFORMATION:

JOB NUMBER:	DATE:
16-0865.001	04/17/2019
TEST HOLE NUMBER:	TECHNICIANS (FIRST NAME AND LAST INITIAL) :
TH-4	Mike T, Victor T, Jorge M, Erik P, and Greg H
PROJECT NAME:	JOB LOCATION:
US 522 Sperryville Pike Culpeper VA	901 Sperryville Pike Culpeper, VA 22701 United States
REQUESTED BY (CLIENT NAME AND COMPANY):	CONDITION OF UTILITY:
Don Rissmeyer/ AMT	FAIR
GPS	PAVEMENT TYPE:
Latitude: 38.481445 Longitude: -78.008621	GRASS
UTILITY REQUESTED:	PAVEMENT THICKNESS:
GAS	N/A
UTILITY FOUND:	SUB-PAVEMENT TYPE:
GAS	N/A
SOIL CONDITIONS:	SUB-PAVEMENT THICKNESS:
DIRT/ROCK	N/A

ELEVATION AND SURVEY INFORMATION:

ELEVATION AT EXISTING GRADE:	HORIZONTAL:
N/A	NAD 83
EXISTING DEPTH OF UTILITY TOP:	VERTICAL:
2.40'	NAVD 88
ELEVATION AT TOP OF UTILITY:	NORTHING:
N/A	N/A
ELEVATION AT BOTTOM OF UTILITY:	EASTING:
N/A	N/A
EXISTING DEPTH OF UTILITY BOTTOM:	ELEVATION:
N/A	N/A
MATERIAL COMPOSITION:	TYPE OF SURVEY MARKER:
PLASTIC	WOODEN HUB WITH TAC
UTILITY DIAMETER/ WIDTH:	TYPE OF RIBBON COLOR:
4"+/-	YELLOW
DRAWING FACE:	LOCATION OF MARKER:
NORTH	CENTER
	ELEVATION REFERENCED TO:
	PROJECT CONTROL

GENERAL NOTES:









TEST HOLE INFORMATION:

JOB NUMBER:	DATE:
16-0865.001	04/17/2019
TEST HOLE NUMBER:	TECHNICIANS (FIRST NAME AND LAST INITIAL) :
TH-4A	Mike T, Victor T, Jorge M, Erik P, and Greg H
PROJECT NAME:	JOB LOCATION:
US 522 Sperryville Pike Culpeper VA	901 Sperryville Pike Culpeper, VA 22701 United States
REQUESTED BY (CLIENT NAME AND COMPANY):	CONDITION OF UTILITY:
Don Rissmeyer/ AMT	FAIR
GPS	PAVEMENT TYPE:
Latitude: 38.481472 Longitude: -78.008545	GRASS
UTILITY REQUESTED:	PAVEMENT THICKNESS:
WATER	N/A
UTILITY FOUND:	SUB-PAVEMENT TYPE:
WATED.	N/ A
WATER	
SOIL CONDITIONS:	SUB-PAVEMENT THICKNESS:

ELEVATION AND SURVEY INFORMATION:

ELEVATION AT EXISTING GRADE:	HORIZONTAL:
N/A	NAD 83
EXISTING DEPTH OF UTILITY TOP:	VERTICAL:
3.50'	NAVD 88
ELEVATION AT TOP OF UTILITY:	NORTHING:
N/A	N/A
ELEVATION AT BOTTOM OF UTILITY:	EASTING:
N/A	N/A
EXISTING DEPTH OF UTILITY BOTTOM:	ELEVATION:
N/A	N/A
MATERIAL COMPOSITION:	TYPE OF SURVEY MARKER:
DUCTILE IRON	WOODEN HUB WITH TAC
UTILITY DIAMETER/ WIDTH:	TYPE OF RIBBON COLOR:
12" +/-	BLUE
DRAWING FACE:	LOCATION OF MARKER:
NORTH	CROWN
	ELEVATION REFERENCED TO:
	PROJECT CONTROL

GENERAL NOTES:









TEST HOLE INFORMATION:

JOB NUMBER:	DATE:
16-0865.001	04/17/2019
TEST HOLE NUMBER:	TECHNICIANS (FIRST NAME AND LAST INITIAL) :
TH-5	Mike T, Victor T, Jorge M, Erik P, and Greg H
PROJECT NAME:	JOB LOCATION:
US 522 Sperryville Pike Culpeper VA	901 Sperryville Pike Culpeper, VA 22701 United States
REQUESTED BY (CLIENT NAME AND COMPANY):	CONDITION OF UTILITY:
Don Rissmeyer/ AMT	FAIR
GPS	PAVEMENT TYPE:
Latitude: 38.481434 Longitude: -78.008163	ASPHALT
UTILITY REQUESTED:	PAVEMENT THICKNESS:
WATER	4"
UTILITY FOUND:	SUB-PAVEMENT TYPE:
WATER	N/A
SOIL CONDITIONS:	SUB-PAVEMENT THICKNESS:
DIRT/ROCK	N/A

ELEVATION AND SURVEY INFORMATION:

ELEVATION AT EXISTING GRADE:	HORIZONTAL:
N/A	NAD 83
EXISTING DEPTH OF UTILITY TOP:	VERTICAL:
3.85'	NAVD 88
ELEVATION AT TOP OF UTILITY:	NORTHING:
N/A	N/A
ELEVATION AT BOTTOM OF UTILITY:	EASTING:
N/A	N/A
EXISTING DEPTH OF UTILITY BOTTOM:	ELEVATION:
N/A	N/A
MATERIAL COMPOSITION:	TYPE OF SURVEY MARKER:
DUCTILE IRON	PK NAIL
UTILITY DIAMETER/ WIDTH:	TYPE OF RIBBON COLOR:
9" +/-	BLUE
DRAWING FACE:	LOCATION OF MARKER:
NORTH	CROWN
	ELEVATION REFERENCED TO:
	PROJECT CONTROL

GENERAL NOTES:











Geotechnical • Construction Materials • Environmental • Facilities

August 29, 2018

Donald Rissmeyer, P.E., CFM A Morton Thomas and Associates, Inc 100 Gateway Centre Parkway Suite 200 Richmond, Virginia 23235

ECS Project No. 28:2291

Reference: Letter Report for Pavement Investigation Town of Culpeper - Route 522 Coring Culpeper, Virginia

Dear Mr. Rissmeyer:

ECS Mid-Atlantic, LLC (ECS) has completed the field exploration for the above-referenced project. Our services were performed in general accordance with our Proposal No. 28:1870-GP, dated August 2, 2018. This report presents our understanding of our field exploration.

Project Information

The project site is located on Route 522 in the Culpeper area of Culpeper County, Virginia. The project information has been provided by Mr. Donald Rissemeyer, P.E., CFM of A. Morton Thomas and Associates, Inc., which included a site plan depicting the proposed core locations. The purpose of this study was to identify the thickness of the pavement section along Route 522 for the proposed redevelopment of roadway and turn lanes.

Scope of Work and Subsurface Exploration Procedures

A total of four (4) cores were performed along Route 522. After coring the asphalt, hang augers were advanced to determine thickness of the stone sub-base material and obtain subgrade soil samples. After completion, the test locations were patched with auger spoils, gravel and patched with concrete. The coring location diagram attached to this report depicts the approximate test locations.

Pavement Sections

The results of our exploration are outlined in the table below:

	FLEXIBLE PAVEMENT SECTION			
MATERIAL	Boring B-1	Boring B-2	Boring B-3	Boring B-4
Asphaltic Concrete	12 1/4 in	10 in	8 in	7 3/8 in
Graded Aggregate Subbase Course (VDOT 21A/B)	10 in	12 in	16 in	7+ in (Refusal @ 14" total depth)
Subgrade Soil Materials	Silty SAND (SM)	Silty SAND (SM)	Silty SAND (SM)	Unknown

Table 1 – Exploration Results and Measured Pavement Sections

<u>Closing</u>

We appreciate this opportunity to be of service to you on this project. If there are any questions regarding the information and recommendations presented in this report, please do not hesitate to contact us.

Respectfully,

ECS MID-ATLANTIC, LLC

PEL

Steven J. Crouch, CPG **Project Geologist** SCrouch@ecslimited.com

B. Scott Gresham, PE Branch Manger SGresham@ecslimited.com

Attachments: Boring Location Diagram (2 pages) Asphalt Core Photographs (4 pages)



LEGEND

APPROXIMATE BORING LOCATION

BORING LOCATION DIAGRAM

Town of Culpeper – Route 522 Coring Route 522 CULPEPER, VIRGINIA



ENGINEER
SJC
SOURCE GOOGLE EARTH 2018
PROJECT NO.
28:2291
SHEET
1 OF 2
DATE
Aug 2018



ENGINEER
SJC
SOURCE GOOGLE EARTH 2018
PROJECT NO.
28:2291
SHEET
2 OF 2
DATE
Aug 2018

ECS		Route 522 Corir Culpeper, Virgin ECS# 28:2291 Boring No. B-1	ng .ia	
		Measured Thicknes (inch)	s Material Description	
	Asphalt Thickness	12 1/4	Surface over Base	
	Subbase Stone	10	VDOT No. 21A/B Stone	
	Subgrade Soil	-	Elastic SILT (MH)	
Date: 8/20/2	018			Photo 1 of 4



Route 522 Coring Culpeper, Virginia ECS# 28:2291 Boring No. B-2

	Measured Thickness (inch)	Material Description
Asphalt Thickness	10	Surface over Base
Subbase Stone	12	VDOT No. 21A/B Stone
Subgrade Soil	-	Silty SAND (SM)



Date: 8/20/2018

Photo 2 of 4



Route 522 Coring Culpeper, Virginia ECS# 28:2291 Boring No. B-3

	Measured Thickness (inch)	Material Description
Asphalt Thickness	8	Surface over Base
Subbase Stone	16	VDOT No. 21A/B Stone
Subgrade Soil	-	Silty SAND (SM)



Date: 8/20/2018

Photo 3 of 4



Route 522 Coring Culpeper, Virginia ECS# 28:2291 Boring No. B-4

	Measured Thickness (inch)	Material Description
Asphalt Thickness	7 3/8	Surface over Base
Subbase Stone	7+	VDOT No. 21A/B Stone
Subgrade Soil	-	Unknown



Date: 8/20/2018

Photo 4 of 4