STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

March 19, 2025

CONTRACT:	DB00587
WBS ELEMENT:	2025CPT.02.10.20071
COUNTY:	BEAUFORT
ROUTE:	VARIOUS
DESCRIPTION:	MILLING, MILL PATCHING, RESURFACING, AND SHOULDER RECONSTRUCTION OF VARIOUS SECONDARY ROUTES IN BEAUFORT COUNTY

ADDENDUM 1

TO: PROSPECTIVE BIDDERS

Please note the following revisions to the proposal.

- Revision of Line Number 0009 to Generic Pavement Item 4" Depth Mill Patching Existing Pavement.
- Revision of 4" Mill Patching in the Roadway Special Provisions.
- Plan Sheet 2 Typical Section No. 2 to clarify that the milling limits.
- A revised electronic file has been uploaded to bid express named DB00587.001.

Please replace the Proposal Item Sheets, Roadway Special Provision (R1-R8) that were included in the original proposal with the attached pages. Please replace the Plan Sheet 2 that was included in the original plans.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION 2
PROJECT DEVELOPMENT GROUP
GREENVILLE, NC 27834

Telephone: (252) 439-2828
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1037 W.H. SMITH BLVD.
GREENVILLE, NC 27834

Please make sure to sign the addendum page in the proposal to acknowledge this addendum.

Sincerely,

DocuSigned by:
Mary Voelker Moore
714C11DCCEBC4C6...

Mary Voelker Moore, PE
Division Contract Engineer

cc: Mr. Jordan Davenport, PE
Ms. Heather C. Lane, PE
Mr. Aaron Bullard, PE
Mr. Jordan Scott, PE
Mr. Jason Beasley

County: BEAUFORT

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
			ROADWAY ITEMS			
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0262000000-N	SP	GENERIC GRADING ITEM HAULING NCDOT SUPPLIED SHOULDER MATERIAL	597 EA		
0003	1220000000-E	545	INCIDENTAL STONE BASE	677 TON		
0004	1245000000-E	SP	SHOULDER RECONSTRUCTION	27.74 SMI		
0005	1297000000-E	607	MILLING ASPHALT PAVEMENT, ***" DEPTH 1-1/2" MILLING	17,352 SY		
0006	1330000000-E	607	INCIDENTAL MILLING	5,744 SY		
0007	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	17,268 TON		
0008	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,233 TON		
0009	1880000000-E	SP	GENERIC PAVING ITEM 4" DEPTH MILL PATCHING EXISTING PAVEMENT	2,257 TON		
0010	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	1,910 SF		
0011	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0012	6000000000-E	1605	TEMPORARY SILT FENCE	2,167 LF		
0013	6071010000-E	1642	WATTLE	200 LF		
0014	6084000000-E	1660	SEEDING & MULCHING	13.87 ACR		
0015	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	4 EA		

PROJECT SPECIAL PROVISIONS

ROADWAY

NOTE TO CONTRACTOR:

Map #6 includes Bridge #126 - Overlay with 1.5" S9.5B asphalt surface mix .

Maps #7 includes Bridge #135 - Overlay with 1.5" S9.5B asphalt surface mix .

All Concrete work, Drainage Structure Adjustments, Manhole Adjustments, and Valve Adjustments shall be performed before the final surface layer of asphalt is placed.

SHOULDER RECONSTRUCTION PER SHOULDER MILE:

(11-16-10) (Rev. 8-21-12) 560 SP1 R07AR (Rev)

Description

This work consists of reconstructing each shoulder (including median shoulders as applicable) in accordance with Standard Drawing No. 560.01 and 560.02 of the *Roadway Standard Drawings* except that the rate of slope and width will be as shown on typical section, or to the existing shoulder point, whichever is nearer, as long as the desired typical is achieved, and when completed, seeding and mulching. This work shall be performed immediately after the resurfacing operations are complete as directed by the Engineer.

This project will require the removal of excess material from the existing pavement by mechanical means prior to paving routes. Excess material generated by clipping excessive shoulder material from the existing pavement will be required to be removed by the Contractor. The Contractor should take care in removing excessive material from the existing pavement to minimize the amount of disturbance to adjacent established vegetation. There will be no direct payment for the removal of any excess material generated from the existing pavement as this work shall be considered incidental to the asphalt pavement line items that correspond with that map.

Quantities for Shoulder Reconstruction are included to address drop off issues identified by the Engineer after paving is completed. Shoulder Reconstruction shall not be performed unless directed by the Engineer.

Materials

The NCDOT will furnish all earth material necessary for the construction of the shoulders at the County Maintenance Yard that the work is being performed.

Hauling

The Contractor is responsible for the transport of the material from the Beaufort County Maintenance Facility for Maps 1-3 located at 803 Grimes Road in Washington and the Pantego

Truck Shed Facility for Maps 5-10 located at 35.590948, -76.660816 in Pantego. The Contractor shall provide trucks a minimum size of a tandem dump truck for the hauling of the earth material. NCDOT Forces shall load material into trucks to safe truck capacity.

Construction Methods

Obtain material from within the project limits or at a NCDOT facility. Prior to adding borrow material, the existing shoulder shall be scarified to provide the proper bond and shall be compacted to the satisfaction of the Engineer.

Any excess material generated by the shoulder reconstruction shall be disposed of by the Contractor in an approved disposal site.

Measurement and Payment

Shoulder Reconstruction will be measured and paid as the actual number of miles of shoulders that have been reconstructed. Measurement will be made along the surface of each shoulder to the nearest 0.01 of a mile. Such price will include disposing of any excess material in an approved disposal site, and for all labor, tools, equipment, and incidentals necessary to complete the work. Quantities for Shoulder Reconstruction are included to address drop off issues identified by the Engineer after paving is completed. Shoulder Reconstruction shall not be performed unless directed by the Engineer. Excessive material generated from the existing pavement prior to paving shall be removed by the Contractor and is considered incidental to the asphalt pavement line items as stated in the Note to Contractor on page DIV2-1.

Hauling NCDOT Supplied Shoulder Material will be measured and paid as the actual number of loads of material delivered to the project.

Incidental Stone Base will be measured and paid as provided in Article 545-6 of the *Standard Specifications.*

Seeding and Mulching will be measured and paid as shown elsewhere in the contract documents.

Payment will be made under:

Pay Item	**Pay Unit**
Shoulder Reconstruction	Shoulder Mile
Hauling NCDOT Supplied Material	Each

SHOULDER RECONSTRUCTION PROCEDURE:

(7-1-95) (Rev. 10-15-13) 560 SP1 R10BR

Perform shoulder reconstruction immediately following paving operations and in no case allow paving operations to exceed shoulder operations by more than two weeks without written permission of the Engineer. Failure to meet this requirement shall be cause to cease paving operations until it can be met. Place final pavement marking after shoulder reconstruction.

Upon completion of shoulder reconstruction, remove construction signs and use on other projects or store at the county maintenance yard or as directed by the Engineer.

INCIDENTAL STONE BASE:

(7-1-95)(Rev.1-16-24) 545 SP5 R28R

Description

Place incidental stone base on driveways, mailboxes, etc. immediately after paving and do not have the paving operations exceed stone base placement by more than one week without written permission of the Engineer.

Materials and Construction

Provide and place incidental stone base in accordance with Section 545 of the *Standard Specifications*.

Measurement and Payment

Incidental Stone Base will be measured and paid in accordance with Article 545-6 of the *Standard Specifications*.

PRICE ADJUSTMENT - ASPHALT BINDER FOR PLANT MIX:

(11-21-00)(Rev. 1-16-24) 620 SP6 R25

Price adjustments for asphalt binder for plant mix will be made in accordance with Section 620 of the *Standard Specifications.*

The base price index for asphalt binder for plant mix is **$ 559.38** per ton.

This base price index represents an average of F.O.B. selling prices of asphalt binder at supplier's terminals on **February 1, 2025**.

4” MILL PATCHING:

Description

The Contractor's attention is directed to the fact that there are areas of existing pavement on this project that will require repair prior to resurfacing. 4” mill patch the areas that, in the opinion of the Engineer, need repairing. The areas for 4” mill patching will be delineated by the Engineer prior to the Contractor performing repairs.

Construction Methods

The patching consists of Asphalt Concrete Base Course, Asphalt Concrete Intermediate Course, Asphalt Concrete Surface Course, or a combination of base, intermediate and surface course, and pavement removal, **as shown on the Summary of Quantities sheet** or as directed by the Engineer.

Work shall be performed by a milling machine for 4" mill patching operations at the depth, width and locations as shown in the plan sheets in accordance with Section 607-3 and 610-9 of the *Standard Specifications*.

Schedule operations so that all areas where 4" mill patching has been performed will be repaired on the same day and all lanes of traffic restored.

Measurement and Payment

4" Mill Patching will be measured and paid as the actual number of tons of asphalt plant mix, complete in place that has been used to make completed and accepted repairs. The asphalt plant mixed material will be measured by being weighed in trucks on certified platform scales or other certified weighing devices. The unit price will be full compensation for all work covered by this provision, including but not limited to removal and disposal of all types of pavement; removal and disposal of all types of sub grade material; furnishing and applying tack coat; furnishing, placing, and compacting of asphalt plant mix.

Furnishing asphalt binder will be paid as provided in Article 620-4 for *Asphalt Binder for Plant Mix* for each grade required.

Payment will be made under:

Pay Item	**Pay Unit**
Generic Paving Item (4" Mill Patching)	Ton

ELECTRONIC TICKETING SYSTEM:

(7-16-24)(Rev. 12-17-24) 1020 SP10 R20

Description

At the contractor's option, the use of an electronic ticketing system for reporting individual and cumulative asphalt material deliveries may be utilized on this project. At the preconstruction conference, the contractor shall notify the Engineer if they intend to utilize an electronic ticketing system for reporting individual and cumulative asphalt material deliveries to the project.

Electronic Ticketing Requirements

a. The electronic ticketing system must be fully integrated with the load read-out system at the plant. The system shall be designed so data inputs from scales cannot be altered by either the Contractor or the Department.

b. Material supplier must test to confirm that ticketing data can be shared from the originating system no less than 30 days prior to project start.

c. After each truck is loaded, ticket data must be electronically captured, and ticket information uploaded via Application Programming Interface (API) to the Department.

d. Obtain security token from NCDOT for access to E-Ticketing portal (to send tickets). To request a Security Key, fill out the below E-Ticketing Security Request Form: https://forms.office.com/g/XnT7QeRtgt

e. Obtain API from NCDOT containing the required e-ticketing data fields and format. Download the API from the NCDOT E-ticketing Webpage: https://connect.ncdot.gov/projects/construction/E-Ticketing/Pages/default.aspx

f. Provide all ticket information in real time and daily summaries to the Department's designated web portal. If the project contains locations with limited cellular service, an alternative course of action must be agreed upon.

g. Electronic ticketing submissions must be sent between the Material Supplier and the Department.

h. The electronic ticket shall contain the following information:

Date
Contract Number
Supplier Name
Contractor Name
Material
JMF
Gross Weight
Tare Weight
Net Weight
Load Number
Cumulative Weight
Truck Number
Weighmaster Certification
Weighmaster Expiration
Weighmaster Name
Facility Name
Plant Certification Number
Ticket Number
Hauling Firm (optional)
Voided Ticket Number (if necessary)
Original Ticket Number (if necessary)
Supplier Revision (If necessary)

The Contractor/supplier can use the electronic ticketing system of their choice to meet the requirements of this provision.

Measurement and Payment

No measurement or payment will be made for utilizing an electronic ticketing system as the cost of such shall be included in the contract price bid for the material being provided.

WATTLE DEVICES:

Page 16-23, Subarticle 1642-2(B) Wattle, lines 10-12, delete and replace with the following:

(B) Wattle and Wattle Barrier

Wattles shall meet Table 1642-1.

TABLE 1642-1 100% CURLED WOOD (EXCELSIOR) FIBERS - WATTLE	
Property	**Property Value**
Minimum Diameter	12 inches
Minimum Density	2.5 pcf +/- 10%
Net Material	Synthetic
Net Openings	1 inch x 1 inch
Net Configuration	Totally Encased
Minimum Weight	20 lb +/- 10% per 10 foot length

Coir Fiber Wattles shall meet Table 1642-2.

TABLE 1642-2 100% COIR (COCONUT) FIBERS WATTLE	
Property	**Property Value**
Minimum Diameter	12 inches
Minimum Density	3.5 pcf +/- 10%
Net Material	Coir Fiber
Net Openings	2 inch x 2 inch
Net Strength	90 lb
Minimum Weight	2.6 pcf +/- 10%

Wattle Barriers shall meet Table 1642-3.

TABLE 1642-3 100% CURLED WOOD (EXCELSIOR) FIBERS – WATTLE BARRIER	
Property	**Property Value**
Minimum Diameter	18 inches
Minimum Density	2.9 pcf +/- 10%
Net Material	Synthetic
Net Openings	1 inch x 1 inch
Net Configuration	Totally Encased
Minimum Weight	5 pcf +/- 10%

Coir Fiber Wattle Barriers shall meet Table 1642-4.

TABLE 1642-4 100% COIR (COCONUT) FIBERS WATTLE BARRIER	
Property	**Property Value**
Minimum Diameter	18 inches
Minimum Density	5 pcf +/- 10%
Net Material	Coir Fiber
Net Openings	2 inch x 2 inch
Net Strength	90 lb
Minimum Weight	10 pcf +/- 10%

Pages 16-24 & 16-25, Article 1642-5 MEASUREMENT AND PAYMENT, lines 42-47 & lines 1-2, delete and replace with the following:

Wattle will be measured and paid for by the actual number of linear feet of wattles which are installed and accepted. Such price and payment will be full compensation for all work covered by this section, including, but not limited to, furnishing all materials, labor, equipment and incidentals necessary to install the *Wattle*.

Coir Fiber Wattles will be measured and paid for by the actual number of linear feet of coir fiber wattles which are installed and accepted. Such price and payment will be full compensation for all work covered by this section, including, but not limited to, furnishing all materials, labor, equipment and incidentals necessary to install the *Coir Fiber Wattles*.

Wattle Barrier will be measured and paid as the actual number of linear feet of wattle barrier installed and accepted. Such price and payment will be full compensation for all work covered by this provision, including, but not limited to, furnishing all materials, labor, equipment and incidentals necessary to install the *Wattle Barrier*.

Coir Fiber Wattle Barrier will be measured and paid as the actual number of linear feet of coir fiber wattle barrier installed and accepted. Such price and payment will be full compensation for all work covered by this provision, including, but not limited to, furnishing all materials, labor, equipment and incidentals necessary to install the *Coir Fiber Wattle Barrier*.

Page 16-25, Article 1642-5 MEASUREMENT AND PAYMENT, after line 9, delete and replace "___ Wattle Check" with "Wattle".

Page 16-25, Article 1642-5 MEASUREMENT AND PAYMENT, after line 9, delete and replace "___ Wattle Barrier" with "Wattle Barrier".

Page 16-25, Article 1642-5 MEASUREMENT AND PAYMENT, after line 9, add the following:

Pay Item	**Pay Unit**
Coir Fiber Wattle	Linear Foot
Coir Fiber Wattle Barrier	Linear Foot

EROSION AND STORMWATER CONTROL FOR SHOULDER CONSTRUCTION AND RECONSTRUCTION:

(11-16-10) (Rev. 1-21-20) 105-16, 225-2, Division 16 SP16 R03R

Land disturbing operations associated with shoulder construction/reconstruction may require erosion and sediment control/stormwater measure installation. National Pollutant Discharge Elimination System (NPDES) inspection and reporting may be required.

Erosion control measures shall be installed per the erosion control detail in any area where the vegetated buffer between the disturbed area and surface waters (streams, wetlands, or open waters) or drainage inlet is less than 10 feet. The Engineer may reduce the vegetated buffer threshold for this requirement to a value between 5 and 10 feet. Erosion control measures shall be spot checked every 7 days until permanent vegetative establishment.

In areas where shoulder construction/reconstruction includes disturbance or grading on the front slope or to the toe of fill, relocating ditch line or backslope, or removing vegetation from the ditch line or swale, NPDES inspection and monitoring are required every 7 days or within 24 hours of a rainfall event of greater than 1.0 inch. Maintain daily rainfall records. Install erosion control measures per detail.

In areas where the vegetated buffer is less than 10 feet between the disturbed area and waters of the State classified as High Quality Water (HQW), Outstanding Resource Water (ORW), Critical Areas, or Unique Wetlands, NPDES inspection and monitoring are required every 7 days or within 24 hours of a rainfall event of greater than 1.0 inch. The Engineer may reduce the vegetated buffer threshold for this requirement to a value between 5 and 10 feet. The plans or provisions will indicate the presence of these water classifications. Maintain daily rainfall records. Install erosion control measures per detail.

Land disturbances hardened with aggregate materials receiving sheet flow are considered non-erodible.

Sites that require lengthy sections of silt fence may substitute with rapid permanent seeding and mulching as directed by the Engineer.

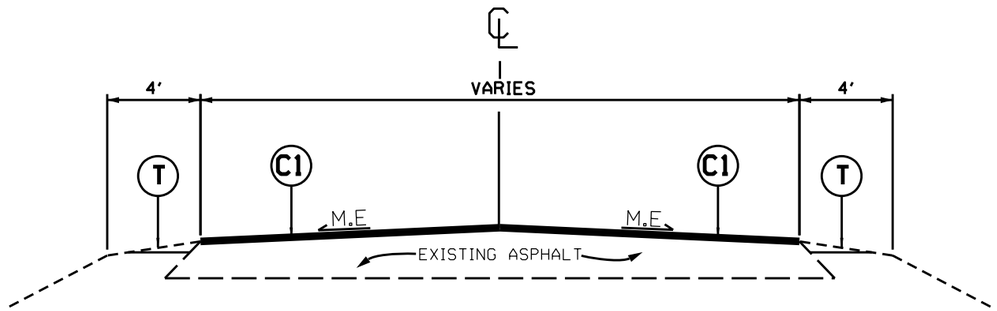
NPDES documentation shall be performed by a Level II Erosion and Sediment Control/Stormwater certificate holder.

Materials used for erosion control will be measured and paid as stated in the contract.

PROJECT REFERENCE NO.	SHEET NO.
DB00587	2

TYPICAL SECTION NO. 1

MAPS 1, 2, 3, 5, 6, 7, 8, 9, AND 10



NOTE:

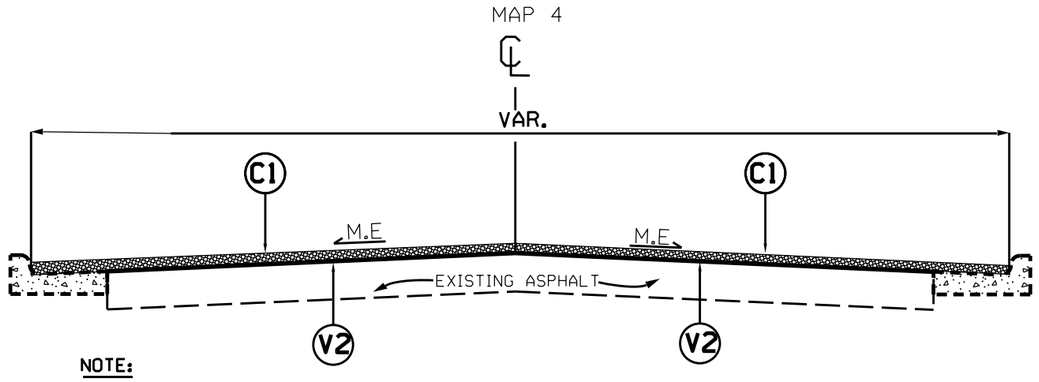
1. PERFORM FULL DEPTH MILL PATCHING AT LOCATIONS AND WIDTHS AS SHOWN ON SHEET 3. PLACE ASPHALT BASE COURSE B25.0C IN ONE LIFT TO BACKFILL.
2. PLACE 1.5 INCHES OF ASPHALT SURFACE COURSE S9.5B AT FULL WIDTH OF THE EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF THE MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING.
V2	MILLING DEPTH 1.5" FOR ENTIRE WIDTH OF THE ROADWAY INCLUDING TO HEAD OF CURB.
DRAWINGS NOT TO SCALE	

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

TYPICAL SECTION NO. 2

MAP 4



NOTE:

1. MILL FULL WIDTH OF THE ENTIRE ROADWAY INCLUDING UP TO HEAD OF CURB TO A DEPTH OF 1.5 INCHES, MILLING TO INCLUDE BOTH NCDOT AND CITY SIDE STREETS TO THE BACK OF THE RADIUS.
2. PLACE 1.5 INCHES OF ASPHALT SURFACE COURSE S9.5B AT FULL WIDTH OF THE EXISTING ASPHALT PAVEMENT INCLUDING TO HEAD OF CURB, AS DIRECTED BY THE ENGINEER.
3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF THE MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.