



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

June 5, 2025

Addendum No. 1

RE: Contract # C205101

WBS # 2025CPT.03.08.10711, 2025CPT.03.08.20711

STATE FUNDED

Pender County

1 SECTION OF US-421, AND 2 SECTIONS OF SECONDARY ROADS.

June 17, 2025 Letting

To Whom It May Concern:

Reference is made to the sketch maps and proposal furnished to you on this project.

The following revisions have been made to the Sketch Maps.

Sheet No.	Revision
1	Vicinity map updated to show removal of Map 5 from project.
4	"2024 Roadway English Standard Drawings" box updated and Pavement Schedule revised due to Map 5 being removed from project.
7	Sheet with Typical Section No. 5 and Detail deleted due to Map 5 being removed from project.
11	Pipe Install detail sheet deleted due to Map 5 being removed from project.
12	Convert CBto2GI detail sheet deleted due to Map 5 being removed from project.
20 thru 25	Summary of Quantities revised due to Map 5 being removed from project.

Please void the above listed Sheets in your sketch maps and staple the revised Sheets thereto.

Please delete Sheets 7, 11 and 12 from your Sketch Maps.

The following revisions have been made to the proposal.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Page No.	Revision
Proposal Cover	Note added that reads “Includes Addendum No. 1 Dated 06-05-2025”. Mileage and WBS numbers updated.
Table of Contents	ICT 3 removed from TOC
G-2	The Project Special Provision entitled INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES has been revised due to removal of Map 5 from the project.
G-3	The Project Special Provision entitled INTERMEDIATE CONTRACT TIME NUMBER 3 AND LIQUIDATED DAMAGES has been removed due to removal of Map 5 from the project.
G-5	The Project Special Provision entitled SPECIALTY ITEMS has been revised due to quantity changes.
G-43	The Project Special Provision entitled NOTES TO CONTRACTOR has been revised to remove note referencing US 421 at Vitamin Drive due to the removal of Map 5 from project. In addition, reference to Map numbers for State Furnished Borrow has been edited to only reference Map numbers 1-4.
R-2	The Project Special Provision entitled LUMP SUM GRADING has been removed due to quantity changes.
R-7	The Project Special Provision entitled CONVERT EXISTING CATCH BASIN TO 2-GI has been removed due to quantity changes.

Please void the above listed Pages in your proposal and staple the revised Pages thereto.

On the item sheets the following pay item revisions have been made:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0002-0050000000-E 226	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR	DELETED
0003-0063000000-N SP	GRADING	LUMP SUM	DELETED
0004-0234000000-E SP	STATE FURNISHED BORROW EXCAVATION	2,310 CY	2,305 CY

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0006-0448200000-E 310	15" RC PIPE CULVERTS, CLASS IV	84 LF	DELETED
0007-0448300000-E 310	18" RC PIPE CULVERTS, CLASS IV	8 LF	DELETED
0009-1297000000-E 607	MILLING ASPHALT PAVEMENT, 1 ½" DEPTH	1204 SY	404 SY
0010-1330000000-E 607	INCIDENTAL MILLING	5,267 SY	5,245 SY
0011-1491000000-E 610	ASPHALT CONC BASE COURSE, TYPE B25.0C	80 TON	DELETED
0012-1503000000-E 610	ASPHALT CONC BASE COURSE, TYPE I19.0C	70 TON	DELETED
0015-1523000000-E 610	ASPHALT CONC BASE COURSE, TYPE S9.5C	20,150 TON	20,040 TON
0016-1575000000-E 620	ASPHALT BINDER FOR PLANT MIX	2,076 TON	2,063 TON
0020-2253000000-E 840	PIPE COLLARS	1 CY	DELETED
0021-2286000000-N 840	MASONRY DRAINAGE STRUCTURES	3 EACH	DELETED
0022-2365000000-N 840	FRAME WITH TWO GRATES, STD 840.22	3 EACH	DELETED
0023-2619000000-E 850	4" CONCRETE PAVED DITCH	20 SY	DELETED

0024-2655000000-E 852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	70 SY	DELETED
0025-2995000000-N SP	CONVERT EXISTING CATCH BASIN TO 2-GI	1 EACH	DELETED
0030-4072000000-E 903	SUPPORTS, 3-LB STEEL U-CHANNEL	15 LF	DELETED
0031-4102000000-N 904	SIGN ERECTION, TYPE E	1 EACH	DELETED
0032-4410000000-E 1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	80 SF	DELETED
0034-4445000000-E 1145	BARRICADES (TYPE III)	16 LF	DELETED
0038-4688000000-E 1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	131,496 LF	130,846
0040-4700000000-E 1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	3,974 LF	2,674 LF
0042-4725000000-E 1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	161 EACH	158 EACH
0043-4810000000-E 1205	PAINT PAVEMENT MARKING LINES (4")	690 LF	DELETED
0044-4895000000-N SP	POLYCARBONATE H- SHAPED MARKERS	1,516 EACH	1,476 EACH

0053-6071010000-E 1642	WATTLE	360 LF	300 LF
0054-6084000000-E 1660	SEEDING & MULCHING	18.15 ACR	18.05 ACR

The Contractor's bid must include these pay item revisions.

The electronic bidding file has been updated to reflect these revisions. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

The contract will be prepared accordingly.

Sincerely,

Signed by:

52C46046381F443...

Ronald E. Davenport, Jr., PE
State Contract Officer

RED/cms
Attachments

cc: Mr. Wiley W. Jones III, PE
Mr. Trevor K Carroll, PE
Mr. Ken Kennedy, PE
Mr. Malcolm Bell

Mr. Forrest Dungan, PE
Ms. Jaci Kincaid
Mr. Jon Weathersbee, PE
Project File (2)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No. 1 DATED 06-05-2025

DATE AND TIME OF BID OPENING: **Jun 17, 2025 AT 02:00 PM**

CONTRACT ID C205101

WBS 2025CPT.03.08.10711, 2025CPT.03.08.20711

FEDERAL-AID NO. STATE FUNDED

COUNTY PENDER

T.I.P NO.

MILES 18.690

ROUTE NO.

LOCATION 1 SECTION OF US-421, AND 2 SECTIONS OF SECONDARY ROADS.

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

TABLE OF CONTENTS

COVER SHEET PROPOSAL SHEET

PROJECT SPECIAL PROVISIONS

BUILD AMERICA, BUY AMERICA (BABA):	G-1
CONTRACT TIME AND LIQUIDATED DAMAGES:	G-1
INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:	G-2
INTERMEDIATE CONTRACT TIME NUMBER 2 AND LIQUIDATED DAMAGES:	G-3
PROSECUTION OF WORK:.....	G-3
RAILROAD GRADE CROSSING:	G-4
MAJOR CONTRACT ITEMS:	G-4
SPECIALTY ITEMS:.....	G-5
FUEL PRICE ADJUSTMENT:.....	G-5
STEEL PRICE ADJUSTMENT:.....	G-7
SCHEDULE OF ESTIMATED COMPLETION PROGRESS:.....	G-18
DISADVANTAGED BUSINESS ENTERPRISE:	G-18
CERTIFICATION FOR FEDERAL-AID CONTRACTS:	G-33
RESTRICTIONS ON ITS EQUIPMENT AND SERVICES:.....	G-33
USE OF UNMANNED AIRCRAFT SYSTEM (UAS):	G-34
EQUIPMENT IDLING GUIDELINES:.....	G-34
U.S. DEPARTMENT OF TRANSPORTATION HOTLINE:	G-35
MAINTENANCE OF THE PROJECT:	G-35
COOPERATION BETWEEN CONTRACTORS:.....	G-36
EROSION AND SEDIMENT CONTROL/STORMWATER CERTIFICATION:	G-36
PROCEDURE FOR MONITORING BORROW PIT DISCHARGE:.....	G-41
NOTES TO CONTRACTOR:	G-43
 ROADWAY	 R-1

STANDARD SPECIAL PROVISIONS

AVAILABILITY OF FUNDS – TERMINATION OF CONTRACTS	SSP-1
NCDOT GENERAL SEED SPECIFICATION FOR SEED QUALITY	SSP-2
ERRATA.....	SSP-5
PLANT AND PEST QUARANTINES	SSP-7
TITLE VI AND NONDISCRIMINATION:	SSP-8
MINORITY AND FEMALE EMPLOYMENT REQUIREMENTS	SSP-17
REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTR CONTRACTS	SSP-20
ON-THE-JOB TRAINING	SSP-34
MINIMUM WAGES	SSP-37

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:

(2-20-07)

108

SP1 G14 A

The Contractor shall complete the required work of installing, maintaining, and removing the traffic control devices for lane closures and restoring traffic to the existing traffic pattern. The Contractor shall not close or narrow a lane of traffic on **the following Maps** during the following time restrictions:

DAY AND TIME RESTRICTIONS**Map #1, #2, or #3****Tuesday thru Friday, 6:00 AM to 9:00 AM****And****From Friday at 5:00PM thru the following Monday at 9:00 AM****Map #4****Monday thru Sunday, 6:00 PM to 8:00 AM (the following morning)**

In addition, the Contractor shall not close or narrow a lane of traffic on **Any Map**, detain and/or alter the traffic flow on or during holidays, holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

1. For **any unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's**, between the hours of **6:00 AM** December 30th to **7:00 PM** January 3rd.
3. For **Easter**, between the hours of **6:00 AM** Thursday and **7:00 PM** Monday.
4. For **Memorial Day**, between the hours of **6:00 AM** Friday and **7:00 PM** Tuesday.
5. For **Independence Day**, between the hours of **6:00 AM** the day before Independence Day and **7:00 PM** the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of **6:00 AM** the Thursday before Independence Day and **7:00 PM** the Tuesday after Independence Day.
6. For **Labor Day**, between the hours of **6:00 AM** Friday and **7:00 PM** Tuesday.
7. For **Veteran's Day**, between the hours of **6:00 AM** the day before Veteran's Day and **7:00 PM** the day after Veteran's Day.
8. For **Thanksgiving**, between the hours of **6:00 AM** Tuesday and **7:00 PM** Monday.
9. For **Christmas**, between the hours of **6:00 AM** the Friday before the week of Christmas Day and **7:00 PM** the following Tuesday after the week of Christmas.

10. For **Ironman 70.3 North Carolina**, between the hours of **6:00 AM** Friday and **7:00 PM** Monday.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **Two Hundred Fifty Dollars (\$ 250.00)** per hour.

INTERMEDIATE CONTRACT TIME NUMBER 2 AND LIQUIDATED DAMAGES:

(5-21-13)

108

SP1 G14 I

The Contractor shall complete the work required of installing each new inductive loop after the removal of each existing loop by the milling, patching or resurfacing operations and shall place and maintain traffic on same.

The date of availability for this intermediate contract time for each inductive loop installation will be the date when the Contractor elects to disturb the existing inductive loop.

The completion date for this intermediate contract time for each inductive loop installation will be the date which is seven (7) consecutive calendar days after the date of availability.

If any inductive loop is damaged in the process of installing concrete work on this project, the Contractor will repair the damaged loop within seven (7) consecutive calendar days at no additional cost to NCDOT.

The liquidated damages are **Five Hundred Dollars (\$ 500.00)** per calendar day.

SPECIALTY ITEMS:

(7-1-95)(Rev. 1-16-24)

108-6

SP1 G37

Items listed below will be the specialty items for this contract (see Article 108-6 of the *Standard Specifications*).

Line #	Description
26-29	Guardrail
37-42	Long-Life Pavement Markings
44	Permanent Pavement Markers
45-57	Erosion Control
58	Signals/ITS System

FUEL PRICE ADJUSTMENT:

(11-15-05)(Rev. 1-16-24)

109-8

SP1 G43

Page 1-82, Article 109-8, FUEL PRICE ADJUSTMENTS, add the following:

The base index price for DIESEL #2 FUEL is \$ **2.2231** per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

100 grams of soil may indicate a high potential for turbidity and should be avoided when dewatering into surface water is proposed.

No additional compensation for monitoring borrow pit discharge will be paid.

NOTES TO CONTRACTOR:

All adjustments including ALL the various types of utilities within the NCDOT ROW (water, sewer, gas, communication, internet, cable tv, electric, storm drainage, etc.) (Manhole, Monument, Meter, or Valve Box) will be completed prior to milling or resurfacing.

SR 1109 Corporate Dr: Contractor to perform incidental curb milling and 1.5" overlay from US 421 to 250 LF beyond existing signal loops.

Map No. 1-4: State Furnished Borrow for Shoulder Reconstruction and Grading is located at the NCDOT. Burgaw Maintenance Yard, 401 N. Smith St., Burgaw, NC 28425 stockpile facility.

The Contractor will NOT have the option of using *Aggregate Shoulder Borrow (ASB)* for this contract.

Incidental Stone Base will be measured and paid as provided in Article 545-6 of the 2024 *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 State Furnished Borrow Excavation
State Furnished Borrow Excavation

Shoulder Mile
CY

CONSTRUCTION SEQUENCE:

(7-1-95) (Rev. 8-21-12)

560

SP1 R34R

Pave each section of roadway begun in a continuous operation. Do not begin work on another section of roadway unless satisfactory progress is being made toward completion of intersections and all other required incidental work by satisfactorily furnishing additional paving equipment and personnel, except for milling and patching operations.

CLEARING AND GRUBBING – MODIFIED METHOD III:

(3-19-24)

200

SP2 R02B

Perform clearing on this project to the limits established by Modified Method - III shown on Standard Drawing No. 200.03 of the *Roadway Standard Drawings*. Conventional clearing methods may be used except where permit drawings or conditions have been included in the proposal which require certain areas to be cleared by hand methods.

INCIDENTAL STONE BASE:

(7-1-95)(Rev.1-16-24)

545

SP5 R28R – DIV 3

Description

Place incidental stone base on driveways, mailboxes, etc. prior to the next day's paving operation unless written permission is given by the Engineer.

restored.

Method of Measurement:

The quantity of patching existing pavement to be paid for will be the actual number of tons of asphalt plant mix, complete in place, which 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.

Basis of Payment:

The quantity of patching existing pavement, measured as provided above, will be paid for at the contract unit price per ton for the type of mill patching to be performed.

The above price and payment will be full compensation for all work covered by this provision, including but not limited to removal and disposal of pavement; furnishing and applying tack coat; furnishing, placing, and compacting of asphalt plant mix; and furnishing scales.

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
Patching Existing Pavement (Mill)	Ton

REMOVE AND REPLACE EXISTING GUARDRAIL:**Description**

This work shall consist of removing existing guardrail and installing new guardrail at the same location. In addition, existing double-faced cable guiderail posts used for closing former median

County: PENDER

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0004	0234000000-E	SP	GENERIC GRADING ITEM STATE FURNISHED BORROW EXCAVATION	2,305 CY		
0005	0264000000-E	SP	GENERIC GRADING ITEM SHOULDER RECONSTRUCTION STATE FURNISHED BORROW EXCAVATION	37.44 SMI		
0008	1220000000-E	545	INCIDENTAL STONE BASE	276 TON		
0009	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	404 SY		
0010	1330000000-E	607	INCIDENTAL MILLING	5,245 SY		
0013	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	12,221 TON		
0014	1520000000-E	SP	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)	50 TON		
0015	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	20,040 TON		
0016	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	2,063 TON		
0017	1705500000-E	SP	PATCHING EXISTING PAVEMENT (MILL)	1,737 TON		
0018	1881000000-E	SP	GENERIC PAVING ITEM SINUSOIDAL MILLED RUMBLE STRIPS, (14")	158,040 LF		
0019	1881000000-E	SP	GENERIC PAVING ITEM SINUSOIDAL MILLED RUMBLE STRIPS, (8")	86,080 LF		
0026	3287000000-N	862	GUARDRAIL END UNITS, TYPE TL-3	2 EA		
0027	3345000000-E	864	REMOVE & RESET EXISTING GUARDRAIL	613 LF		
0028	3360000000-E	863	REMOVE EXISTING GUARDRAIL	100 LF		

County: PENDER

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0029	3420000000-E	SP	GENERIC GUARDRAIL ITEM REMOVE AND REPLACE EXISTING GUARDRAIL	50 LF		
0033	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	2,144 SF		
0035	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0036	4510000000-N	1190	LAW ENFORCEMENT	80 HR		
0037	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	122,837 LF		
0038	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	130,846 LF		
0039	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	125 LF		
0040	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	2,674 LF		
0041	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	285 LF		
0042	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	158 EA		
0044	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	1,476 EA		
0045	6000000000-E	1605	TEMPORARY SILT FENCE	1,885 LF		
0046	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	470 TON		
0047	6012000000-E	1610	SEDIMENT CONTROL STONE	470 TON		
0048	6015000000-E	1615	TEMPORARY MULCHING	18.79 ACR		
0049	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	935 LB		
0050	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	4.65 TON		

County: PENDER

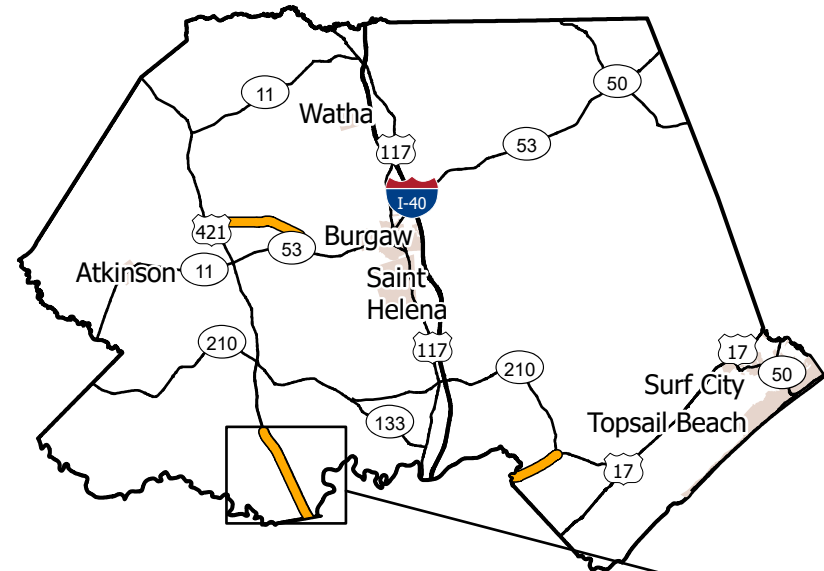
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	6036000000-E	1631	MATTING FOR EROSION CONTROL	140 SY		
0052	6042000000-E	1632	1/4" HARDWARE CLOTH	942 LF		
0053	6071010000-E	1642	WATTLE	300 LF		
0054	6084000000-E	1660	SEEDING & MULCHING	18.05 ACR		
0055	6090000000-E	1661	SEED FOR REPAIR SEEDING	941 LB		
0056	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	4.71 TON		
0057	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	38 EA		
0058	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	600 LF		

0821/Jun05/Q556657.64/D161890610000/E41

Total Amount Of Bid For Entire Project :

WBS NO: 2025CPT.03.08.10711, ETC.

CONTRACT: C205101



STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

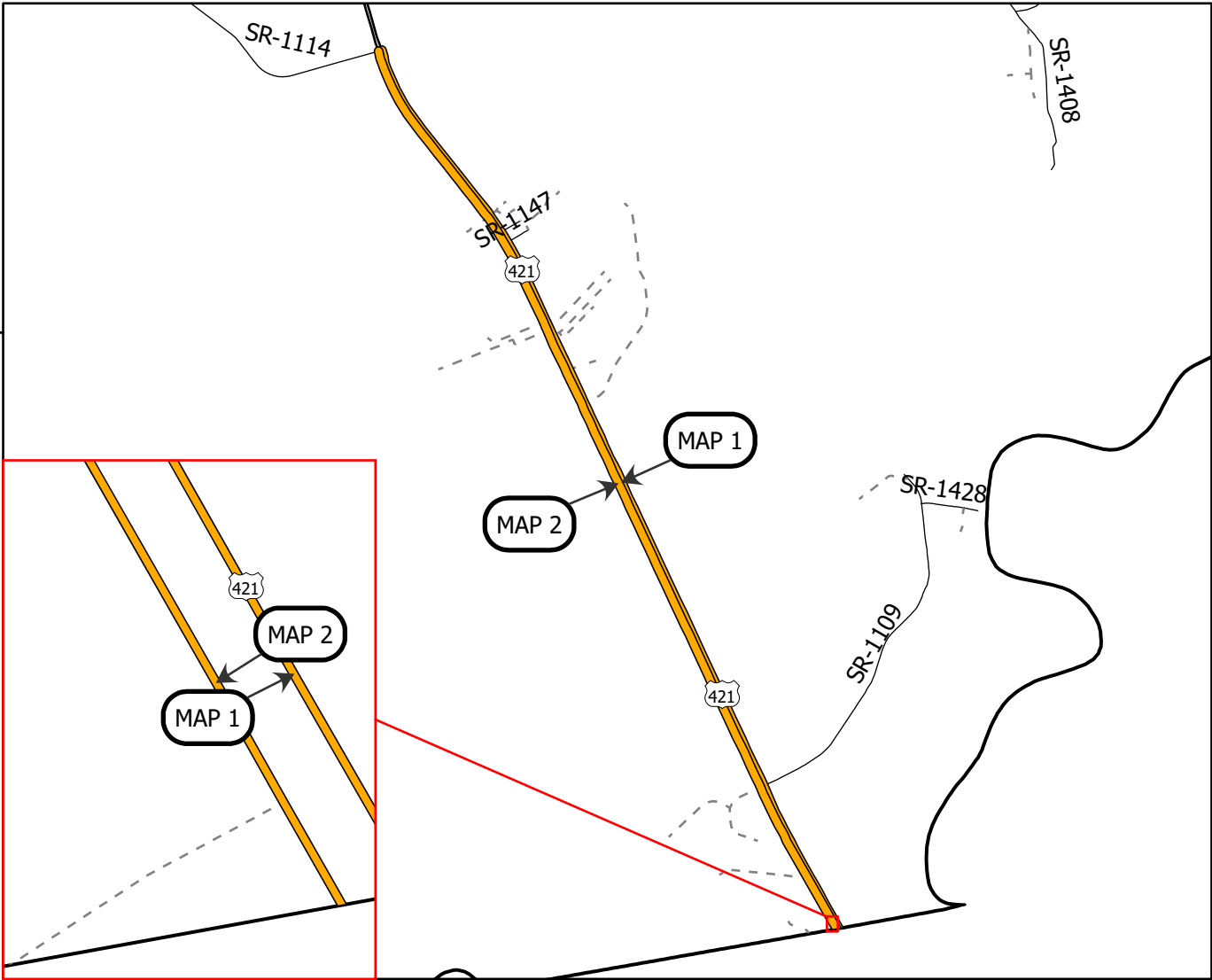
PENDER COUNTY


TYPE OF WORK: RESURFACING

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.08.10711, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION

Resurfacing

MAP	ROUTE	DESCRIPTION	TYPE
1	US-421 NBL	US HWY 421 NBL FROM NEW HANOVER CO LINE TO SR 1114 (BLUEBERRY RD) [MP 0.03 - MP 5.36]	Resurfacing
2	US-421 SBL	US HWY 421 SBL FROM SR 1114 (BLUEBERRY RD) TO NEW HANOVER CO LINE [MP 21.08 - MP 26.43]	Resurfacing



<i>PROJECT LENGTH</i>		Prepared in the Office of: <i>DIVISION OF HIGHWAYS</i> 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429						
<table border="1"><thead><tr><th>MAP</th><th>MILES</th></tr></thead><tbody><tr><td>1</td><td>5.33</td></tr><tr><td>2</td><td>5.35</td></tr></tbody></table>		MAP		MILES	1	5.33	2	5.35
MAP	MILES							
1	5.33							
2	5.35							

PAVEMENT SCHEDULE

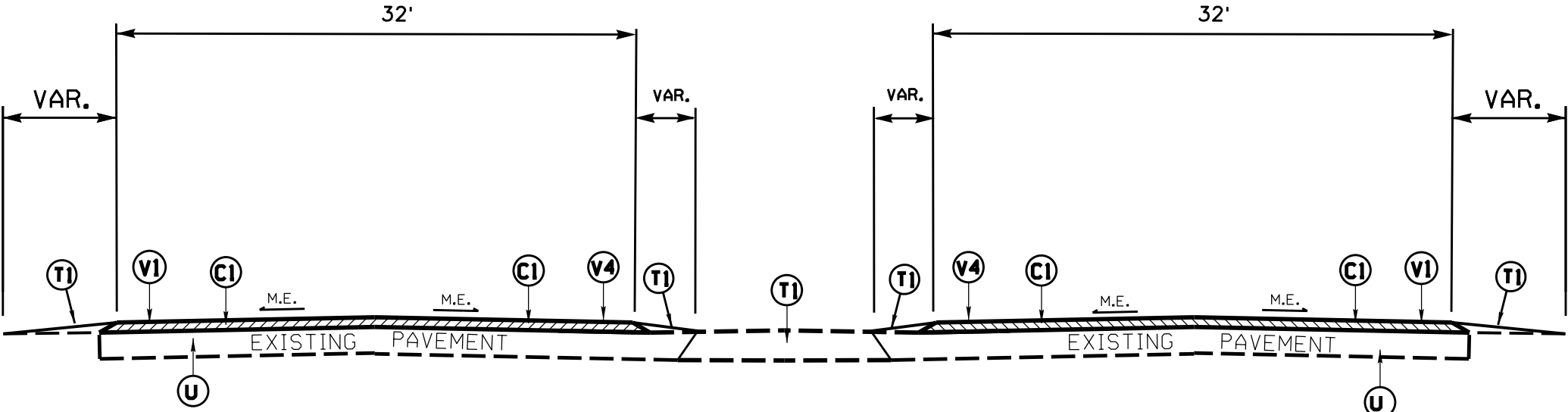
C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 2.5" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ.YD. IN EACH OF TWO LAYERS
C3	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
R1	EXISTING CONCRETE BRIDGE RAIL
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	14" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER WITH 5:1 BICYCLE PATTERN, 60 FT LONG WITH 12 FT GAPS
V2	8" SINUSOIDAL MILLED RUMBLE STRIPE, EDGELINE WITH 5:1 BICYCLE PATTERN, 60 FT LONG WITH 12 FT GAPS
V3	14" SINUSOIDAL MILLED RUMBLE STRIPE, CENTERLINE
V4	14" SINUSOIDAL MILLED RUMBLE STRIP, SHOULDER
V5	1.5" MILLING

NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

SHOULDER WORK ON MAP NO.1-5 AS NEEDED, TO BE DETERMINED BY ENGINEER.

NO WORK ON BRIDGE *0004 (ISLAND CREEK DR)

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.



TYPICAL SECTION NO. 1

MAP NO. 2
US-421 SBL
MP 21.08 - MP 26.43

MAP NO. 1
US-421 NBL
MP 0.03 - MP 5.36

REMOVE & RESET EXISITING GUARDARIL
CAT -1 REMOVAL AND TL-3 INSTALL

MAP	NAME	MP	MP
1	US 421 NBL	3.55	3.64
2	US 421 SBL	22.8	22.88

2024 ROADWAY ENGLISH STANDARD DRAWINGS

EFF. 01-16-2024
REV.

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans.

STD.NO.	TITLE
DIVISION 8 - INCIDENTALS	
862.01	Guardrail Placement
DIVISION 12 - PVT MARKING, MARKERS AND DELINEATION	
1205.01	Pavement Markings
1205.08	Pavement Markings - Symbols & Word Messages

PROJECT NO.	SHEET NO.
2025CPT.03.08.10711, ETC.	20

SUMMARY OF QUANTITIES

													0234000000-E				1220000000-E		1245000000-E	1297000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP			BORROW EXCAVATION (STATE FURNISHED SOURCES)			INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION (State Furnished Borrow)	1.5" MILLING	
								MI	FT											
2025CPT.03.08.10711	Pender	1	US-421 NBL	US HWY 421 NBL FROM NEW HANOVER CO LINE TO SR 1114 (BLUEBERRY RD) [MP 0.03 - MP 5.36]	1	2	MD	5.33	32	0.03	5.36			649			24	10.66		
TOTAL FOR MAP NO. 1							5.33							649			24	10.66		
2025CPT.03.08.10711	Pender	2	US-421 SBL	US HWY 421 SBL FROM SR 1114 (BLUEBERRY RD) TO NEW HANOVER CO LINE [MP 21.08 - MP 26.43]	1	2	MD	5.35	32	21.08	26.43			663			8	10.70		
TOTAL FOR MAP NO. 2							5.35							663			8	10.70		
TOTAL FOR PROJ NO. 2025CPT.03.08.10711							10.68							1,312			32	21.36		
2025CPT.03.08.20711	Pender	3	SR-1002 / ISLAND CREEK RD	FROM NEW HANOVER CO LINE TO NC HWY 210 [MP 0.00 - MP 2.81]	2	2	2WU	2.81	24	0	2.81			354			44	5.62		
TOTAL FOR MAP NO. 3							2.81							354			44	5.62		
2025CPT.03.08.20711	Pender	4	SR-1216 / PINEY WOODS RD	FROM US HWY 421 TO SR 1336 (HORSE BRANCH RD) [MP 1.40 - MP 6.60]	3,4	2	2WU	5.2	20	1.4	6.6			639			200	10.46	404	
TOTAL FOR MAP NO. 4							5.2							639			200	10.46	404	
TOTAL FOR PROJ NO. 2025CPT.03.08.20711							8.01							993			244	16.08	404	
GRAND TOTAL							18.69							2,305			276	37.44	404	

PROJECT NO.	SHEET NO.
2025CPT.03.08.10711, ETC.	21

SUMMARY OF QUANTITIES

												1330000000-E		1519000000-E		1520000000-E	1523000000-E	1575000000-E	1705500000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGI N MP	END MP	INCIDENTAL MILLING			SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)
								MI	FT			SY			TON	TON	TON	TON	TON
2025CPT.03.08.10711	Pender	1	US-421 NBL	US HWY 421 NBL FROM NEW HANOVER CO LINE TO SR 1114 (BLUEBERRY RD) [MP 0.03 - MP 5.36]	1	2	MD	5.33	32	0.03	5.36	1,245					9,863	601	404
TOTAL FOR MAP NO. 1								5.33				1,245					9,863	601	404
2025CPT.03.08.10711	Pender	2	US-421 SBL	US HWY 421 SBL FROM SR 1114 (BLUEBERRY RD) TO NEW HANOVER CO LINE [MP 21.08 - MP 26.43]	1	2	MD	5.35	32	21.08	26.43	1,536					10,177	629	589
TOTAL FOR MAP NO. 2								5.35				1,536					10,177	629	589
TOTAL FOR PROJ NO. 2025CPT.03.08.10711								10.68				2,781					20,040	1,230	993
2025CPT.03.08.20711	Pender	3	SR-1002 / ISLAND CREEK RD	FROM NEW HANOVER CO LINE TO NC HWY 210 [MP 0.00 - MP 2.81]	2	2	2WU	2.81	24	0	2.81	1,705			6,742			440	45
TOTAL FOR MAP NO. 3								2.81				1,705			6,742			440	45
2025CPT.03.08.20711	Pender	4	SR-1216 / PINEY WOODS RD	FROM US HWY 421 TO SR 1336 (HORSE BRANCH RD) [MP 1.40 - MP 6.60]	3,4	2	2WU	5.2	20	1.4	6.6	759			5,479	50		393	699
TOTAL FOR MAP NO. 4								5.2				759			5,479	50		393	699
TOTAL FOR PROJ NO. 2025CPT.03.08.20711								8.01				2,464			12,221	50		833	744
GRAND TOTAL								18.69				5,245			12,221	50	20,040	2,063	1,737

PROJECT NO.	SHEET NO.
2025CPT.03.08.10711, ETC.	22

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEG N MP	END MP	1881000000-E		1881000000-E						
												SINUSOIDAL MILLED RUMBLE STRIP (14") SHOULDER	SINUSOIDAL MILLED RUMBLE STRIPE (14") CENTERLINE	SINUSOIDAL MILLED RUMBLE STRIPE (8") EDGELINE						
								MI	FT			LF	LF	LF						
2025CPT.03.08.10711	Pender	1	US-421 NBL	US HWY 421 NBL FROM NEW HANOVER CO LINE TO SR 1114 (BLUEBERRY RD) [MP 0.03 - MP 5.36]	1	2	MD	5.33	32	0.03	5.36	57,500								
TOTAL FOR MAP NO. 1							5.33					57,500								
2025CPT.03.08.10711	Pender	2	US-421 SBL	US HWY 421 SBL FROM SR 1114 (BLUEBERRY RD) TO NEW HANOVER CO LINE [MP 21.08 - MP 26.43]	1	2	MD	5.35	32	21.08	26.43	57,500								
TOTAL FOR MAP NO. 2							5.35					57,500								
TOTAL FOR PROJ NO. 2025CPT.03.08.10711							10.68					115,000								
2025CPT.03.08.20711	Pender	3	SR-1002 / ISLAND CREEK RD	FROM NEW HANOVER CO LINE TO NC HWY 210 [MP 0.00 - MP 2.81]	2	2	2WU	2.81	24	0	2.81		15,320	30,640						
TOTAL FOR MAP NO. 3							2.81						15,320	30,640						
2025CPT.03.08.20711	Pender	4	SR-1216 / PINEY WOODS RD	FROM US HWY 421 TO SR 1336 (HORSE BRANCH RD) [MP 1.40 - MP 6.60]	3,4	2	2WU	5.2	20	1.4	6.6		27,720	55,440						
TOTAL FOR MAP NO. 4							5.2						27,720	55,440						
TOTAL FOR PROJ NO. 2025CPT.03.08.20711							8.01						43,040	86,080						
GRAND TOTAL												115,000	43,040							
							18.69					158,040		86,080						

PROJECT NO.	SHEET NO.
2025CPT.03.08.10711, ETC.	23

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGI N MP	END MP	3287000000-N GUARDRAIL END UNITS, TYPE TL-3	3360000000-E REMOVE EXISTING GUARDRAIL	3345000000-E REMOVE & RESET EXISTING GUARDRAIL	3420000000-E REMOVE & REPLACE EXISTING GUARDRAIL (GENERIC)			6000000000-E TEMPORARY SILT FENCE	6009000000-E STONE FOR EC CLASS B	6012000000-E SEDIMENT CONTROL STONE	6015000000-E TEMPORARY MULCHING
								MI	FT			EA	LF	LF	LF			LF	TON	TON	ACR
2025CPT.03.08.10711	Pender	1	US-421 NBL	US HWY 421 NBL FROM NEW HANOVER CO LINE TO SR 1114 (BLUEBERRY RD) [MP 0.03 - MP 5.36]	1	2	MD	5.33	32	0.03	5.36	1	50	355				530	130	130	5.25
TOTAL FOR MAP NO. 1								5.33				1	50	355				530	130	130	5.25
2025CPT.03.08.10711	Pender	2	US-421 SBL	US HWY 421 SBL FROM SR 1114 (BLUEBERRY RD) TO NEW HANOVER CO LINE [MP 21.08 - MP 26.43]	1	2	MD	5.35	32	21.08	26.43	1	50	258	50			542	135	135	5.42
TOTAL FOR MAP NO. 2								5.35				1	50	258	50			542	135	135	5.42
TOTAL FOR PROJ NO. 2025CPT.03.08.10711								10.68				2	100	613	50			1,072	265	265	10.67
2025CPT.03.08.20711	Pender	3	SR-1002 / ISLAND CREEK RD	FROM NEW HANOVER CO LINE TO NC HWY 210 [MP 0.00 - MP 2.81]	2	2	2WU	2.81	24	0	2.81							290	75	75	2.90
TOTAL FOR MAP NO. 3								2.81										290	75	75	2.90
2025CPT.03.08.20711	Pender	4	SR-1216 / PINEY WOODS RD	FROM US HWY 421 TO SR 1336 (HORSE BRANCH RD) [MP 1.40 - MP 6.60]	3,4	2	2WU	5.2	20	1.4	6.6							523	130	130	5.22
TOTAL FOR MAP NO. 4								5.2										523	130	130	5.22
TOTAL FOR PROJ NO. 2025CPT.03.08.20711								8.01										813	205	205	8.12
GRAND TOTAL								18.69				2	100	613	50			1,885	470	470	18.79

PROJECT NO.	SHEET NO.
2025CPT.03.08.10711, ETC.	24

SUMMARY OF QUANTITIES

												6018000000-E	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	7444000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEG N MP	END MP	SEED FOR TEMPORARY SEEDING	FERTILIZER FOR TEMPORARY SEEDING	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	INDUCTIVE LOOP SAWCUT
								MI	FT			LBS	TON	SY	LF	LF	AC	LB	TON	EA	LF
2025CPT.03.08.10711	Pender	1	US-421 NBL	US HWY 421 NBL FROM NEW HANOVER CO LINE TO SR 1114 (BLUEBERRY RD) [MP 0.03 - MP 5.36]	1	2	MD	5.33	32	0.03	5.36	265	1.30	40	265	80	5.00	265	1.30	11	300
TOTAL FOR MAP NO. 1								5.33				265	1.30	40	265	80	5.00	265	1.30	11	300
2025CPT.03.08.10711	Pender	2	US-421 SBL	US HWY 421 SBL FROM SR 1114 (BLUEBERRY RD) TO NEW HANOVER CO LINE [MP 21.08 - MP 26.43]	1	2	MD	5.35	32	21.08	26.43	265	1.30	40	271	90	5.25	271	1.36	11	300
TOTAL FOR MAP NO. 2								5.35				265	1.30	40	271	90	5.25	271	1.36	11	300
TOTAL FOR PROJ NO. 2025CPT.03.08.10711								10.68				530	2.60	80	536	170	10.25	536	2.66	22	600
2025CPT.03.08.20711	Pender	3	SR-1002 / ISLAND CREEK RD	FROM NEW HANOVER CO LINE TO NC HWY 210 [MP 0.00 - MP 2.81]	2	2	2WU	2.81	24	0	2.81	145	0.75	20	145	50	2.80	145	0.75	6	
TOTAL FOR MAP NO. 3								2.81				145	0.75	20	145	50	2.80	145	0.75	6	
2025CPT.03.08.20711	Pender	4	SR-1216 / PINEY WOODS RD	FROM US HWY 421 TO SR 1336 (HORSE BRANCH RD) [MP 1.40 - MP 6.60]	3,4	2	2WU	5.2	20	1.4	6.6	260	1.30	40	261	80	5.00	260	1.30	10	
TOTAL FOR MAP NO. 4								5.2				260	1.30	40	261	80	5.00	260	1.30	10	
TOTAL FOR PROJ NO. 2025CPT.03.08.20711								8.01				405	2.05	60	406	130	7.80	405	2.05	16	
GRAND TOTAL								18.69				935	4.65	140	942	300	18.05	941	4.71	38	600

PROJECT NO.	SHEET NO.
2025CPT.03.08.10711, ETC	25

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP		4413000000-E	4457000000-N	4510000000-N	4685000000-E		4688000000-E		4695000000-E	4700000000-E		4709000000-E	4725000000-E							4895000000-N	
													WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M YELLOW THERMO	4" X 90 M WHITE THERMO	6" X 90 M WHITE THERMO	6" X90 M YELLOW THERMO	8" X 90 M YELLOW THERMO	12" X 90 M WHITE THERMO		THERMOPLASTIC PAVEMENT MARKING LINES (24" X 90 MILS)	THERMO STR ARROW (90 MIL)	THERMO RT ARROW (90 MIL)	THERMO LT ARROW (90 MIL)	THERMO U-TURN ARROW (90 MIL)	THERMO STR & LT ARROW (90 MIL)			POLYCARBON ATE H SHAPED MARKER (C/R)	POLYCARBON ATE H SHAPED MARKER (Y/Y)
								MI	FT				SF	LS	HR	LF	LF	LF	LF	LF	LF		LF	EA	EA	EA	EA	EA			EA	EA
2025CPT.03.08.10711	Pender	1	US-421 NBL	US HWY 421 NBL FROM NEW HANOVER CO LINE TO SR 1114 (BLUEBERRY RD) [MP 0.03 - MP 5.36]	1	2	MD	5.33	32	0.03	5.36		608	*	40			36,798	28,020		1,337		84	49	2	20					446	
TOTAL FOR MAP NO. 1								5.33					608		40			36,798	28,020		1,337		84	49	2	20					446	
2025CPT.03.08.10711	Pender	2	US-421 SBL	US HWY 421 SBL FROM SR 1114 (BLUEBERRY RD) TO NEW HANOVER CO LINE [MP 21.08 - MP 26.43]	1	2	MD	5.35	32	21.08	26.43		608		40	1,200	154	37,828	28,200	125	1,337		132	52	8	20	2	1			479	
TOTAL FOR MAP NO. 2								5.35					608		40	1,200	154	37,828	28,200	125	1,337		132	52	8	20	2	1			479	
TOTAL FOR PROJ NO. 2025CPT.03.08.10711								10.68					1,216	1.00	80	1,200	154	74,626	56,220	125	2,674		216	101	10	40	2	1			925	
																1,354		130,846			2,674			154							925	
2025CPT.03.08.20711	Pender	3	SR-1002 / ISLAND CREEK RD	FROM NEW HANOVER CO LINE TO NC HWY 210 [MP 0.00 - MP 2.81]	2	2	2WU	2.81	24	0	2.81		336	*		18,529	31,204						39		4						15	191
TOTAL FOR MAP NO. 3								2.81					336			18,529	31,204						39		4						15	191
2025CPT.03.08.20711	Pender	4	SR-1216 / PINEY WOODS RD	FROM US HWY 421 TO SR 1336 (HORSE BRANCH RD) [MP 1.40 - MP 6.60]	3,4	2	2WU	5.2	20	1.4	6.6		592			16,310	55,440						30									345
TOTAL FOR MAP NO. 4								5.2					592			16,310	55,440						30									345
TOTAL FOR PROJ NO. 2025CPT.03.08.20711								8.01					928	1.00		34,839	86,644						69		4						15	536
																121,483								4							551	
GRAND TOTAL								18.69					2,144	1	80	36,039	86,798	74,626	56,220	125	2,674		285	101	14	40	2	1			940	536
																122,837		130,846			2,674			158							1,476	