



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J.R. "JOEY" HOPKINS  
SECRETARY

January 16, 2024

**Addendum No. 1**

Contract No.: DA00577

WBS Element: *2024CPT.01.02.10461, ETC.*

*Guardrail, Milling, Asphalt Surface Treatment (Mat Coat #67 Stone), Resurfacing & Shoulder Reconstruction on various sections of Primary & Secondary Routes in Hertford County*

To Whom It May Concern:

Reference is made to the proposal and plans previously furnished for this project.

The following revisions have been made to the proposal and plans:

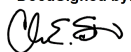
Page No. 7 has been revised to add ICT 2. This ICT 2 requires the completion of all work associated with Map 1 & 14, **except** the application of Thermoplastic Pavement Markings, by May 31, 2024. Please replace the original page No. 7 with the attached revised page No. 7.

Pages No. 89 - 91 "Bid Form" have been revised. The quantities associated with "Thermoplastic Pavement Marking Lines (6", 90 MILS)", "Non-Cast Iron Snowplowable Pavement Markers", "Thermoplastic Pavement Marking Lines (24")" and "Generic Pavement Item Joint Repair" have been updated. Please replace the original pages No. 89 - 91 "Bid Form" with the attached revised pages No. 89 - 91 "Bid Form".

Plan Sheet No. 7 "Original Typical Section #1" has been revised. A note is added to clarify the responsibilities of the contractor that Maps 1 & 14 have a completion date of May 31, 2024. Please replace the original Plan Sheet No. 7 "Typical Section #1" with the attached revised Plan Sheet No. 7 "Typical Section #1".

Plan Sheet No. 19 "Summary of Quantities" has been revised. The Thermoplastic Pavement Marking Lines (6", 90 MILS), and Non-Cast Iron Snowplowable Pavement Markers quantities associated with MAP #1 & #14 have been deleted. These items will be installed in conjunction with Sinusoidal Rumble Strips in the same pavement sections under separate contract. Please replace the Original Plan Sheet No. 19 with the attached revised Plan Sheet No. 19 "Summary of Quantities".

Sincerely,

DocuSigned by:  
  
CDAEAC77A6394FB...

C. E. Slachta  
Division Planning Engineer

Cc: C. W. Bridgers, Jr., PE  
R. K. Sawyer, PE  
R. W. Midgett, PE  
M. B Gill, PE  
B. N. Braswell, PE  
D. B. Otts, PE  
M. R. Hill, PE  
M. Proctor

**INTERMEDIATE CONTRACT TIME NUMBER 2 AND LIQUIDATED DAMAGES:**

The Contractor shall complete all work associated with Map 1 & 14, **except** the application of Thermoplastic Pavement Markings, as shown in the plans.

The date of availability for this intermediate contract time is **March 18, 2024**.

The completion date for this intermediate contract time is **May 31, 2024**.

The liquidated damages for this contract are **One Thousand One Hundred Dollars (\$1,100.00)** per calendar day.

**PROSECUTION OF WORK:**

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

108

SP1 G15R

The Contractor will be required to prosecute the work in a continuous and uninterrupted manner from the time he begins the work until completion and final acceptance of the project. The Contractor will not be permitted to suspend his operations except for reasons beyond his control or except where the Engineer has authorized a suspension of the Contractor's operations in writing.

In the event that the Contractor's operations are suspended in violation of the above provisions, the sum of \$ **250.00** will be charged the Contractor for each and every calendar day that such suspension takes place. The said amount is hereby agreed upon as liquidated damages due to extra engineering and maintenance costs and due to increased public hazard resulting from a suspension of the work. Liquidated damages chargeable due to suspension of the work will be additional to any liquidated damages that may become chargeable due to failure to complete the work on time.

**RAILROAD GRADE CROSSING:**

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

107-9

SP1 G17R

When the use of slow moving or stopped equipment is required over at-grade railroad crossings, the contractor shall contact the appropriate track owner to gain Right of Entry. The contractor shall be responsible for ascertaining and contacting the railroad track owner.

No separate payment will be made for conforming with the requirements of this Special Provision. Please contact the Resident Engineer or the NCDOT Rail Division - Engineering Coordination & Safety Branch - Surfaces & Encroachment Manager with any questions pertaining to the Right of Entry.

**MAJOR CONTRACT ITEMS:**

(2-19-02)(Rev. 1-16-24)

104

SP1 G28

The following listed items are the major contract items for this contract (see Article 104-5 of the *Standard Specifications*):

<b>Line #</b>	<b>Description</b>
9	Asphalt Concrete Intermediate Course, Type I19.0C
10	Asphalt Concrete Surface Course, Type S9.5B
11	Asphalt Concrete Surface Course, Type S9.5C

County: HERTFORD

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0106000000-E	230	BORROW EXCAVATION	359 CY		
0003	1220000000-E	545	INCIDENTAL STONE BASE	256 TON		
0004	1245000000-E	SP	SHOULDER RECONSTRUCTION	19.66 SMI		
0005	1260000000-E	SP	AGGREGATE SHOULDER BORROW	76 TON		
0006	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	114,438 SY		
0007	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (4")	28,057 SY		
0008	1330000000-E	607	INCIDENTAL MILLING	14,886 SY		
0009	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	4,403 TON		
0010	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	10,107 TON		
0011	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	11,632 TON		
0012	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,570 TON		
0013	1705000000-E	SP	PATCHING EXISTING PAVEMENT (FULL DEPTH)	328 TON		
0014	1775500000-E	660	ASPHALT SURFACE TREATMENT, MAT COAT, **** STONE (#67)	81,648 SY		
0015	1838000000-E	660	EMULSION FOR ASPHALT SURFACE TREATMENT	32,810 GAL		
0016	1880000000-E	SP	GENERIC PAVING ITEM JOINT REPAIR	30 TON		

County: HERTFORD

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0017	1880000000-E	SP	GENERIC PAVING ITEM SELF-ADHESIVE PAVEMENT INTERLAYER	192 TON		
0018	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	100 LF		
0019	2612500000-N	848	REMOVE AND REPLACE CONCRETE CURB RAMPS	2 EA		
0020	2815000000-N	858	ADJUSTMENT OF DROP INLETS	9 EA		
0021	2830000000-N	858	ADJUSTMENT OF MANHOLES	8 EA		
0022	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	4 EA		
0023	3030000000-E	862	STEEL BEAM GUARDRAIL	760 LF		
0024	3215000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE III	2 EA		
0025	3287000000-N	862	GUARDRAIL END UNITS, TYPE TL-3	8 EA		
0026	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	2 EA		
0027	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B- 77	2 EA		
0028	3360000000-E	863	REMOVE EXISTING GUARDRAIL	1,344 LF		
0029	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	1,524 SF		
0030	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0031	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	14,415 LF		
0032	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	31 LF		
0033	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	660 LF		

County: HERTFORD

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	54 EA		
0035	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	224,708 LF		
0036	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	31 LF		
0037	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	660 LF		
0038	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	54 EA		
0039	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 55 MILS)	134,603 LF		
0040	4905100000-N	1253	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	48 EA		
0041	6000000000-E	1605	TEMPORARY SILT FENCE	400 LF		
0042	6071012000-E	1642	COIR FIBER WATTLE	200 LF		
0043	6084000000-E	1660	SEEDING & MULCHING	12.6 ACR		
0044	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	2 EA		
0045	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	1 EA		
0046	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	246 LF		
0047	7456100000-E	1726	LEAD-IN CABLE (14-2)	90 LF		

1153/Jan16/Q680794.26/D159390312000/E47

Total Amount Of Bid For Entire Project :

PAVEMENT SCHEDULE

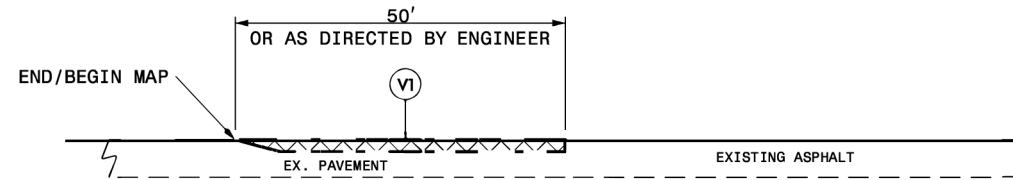
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
N2	PROPOSED SELF-ADHESIVE PAVEMENT INTERLAYER
R1	EXISTING UNDERLYING CONCRETE PAVEMENT
T	EARTH MATERIAL
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING ASPHALT PAVEMENT.
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH

NOTES:

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.01.02.10461, ETC.	7

REVISED 1/16/2024

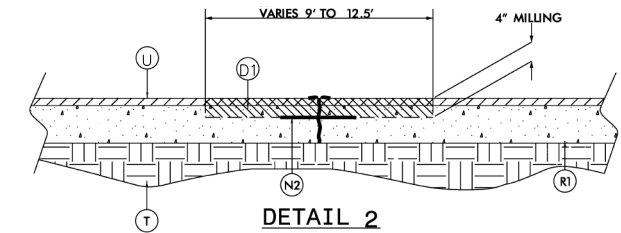
- \* ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- \* EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- \* 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- \* MAPS 1 & 14 HAVE A COMPLETION DATE OF MAY 31, 2024.



DETAIL 1

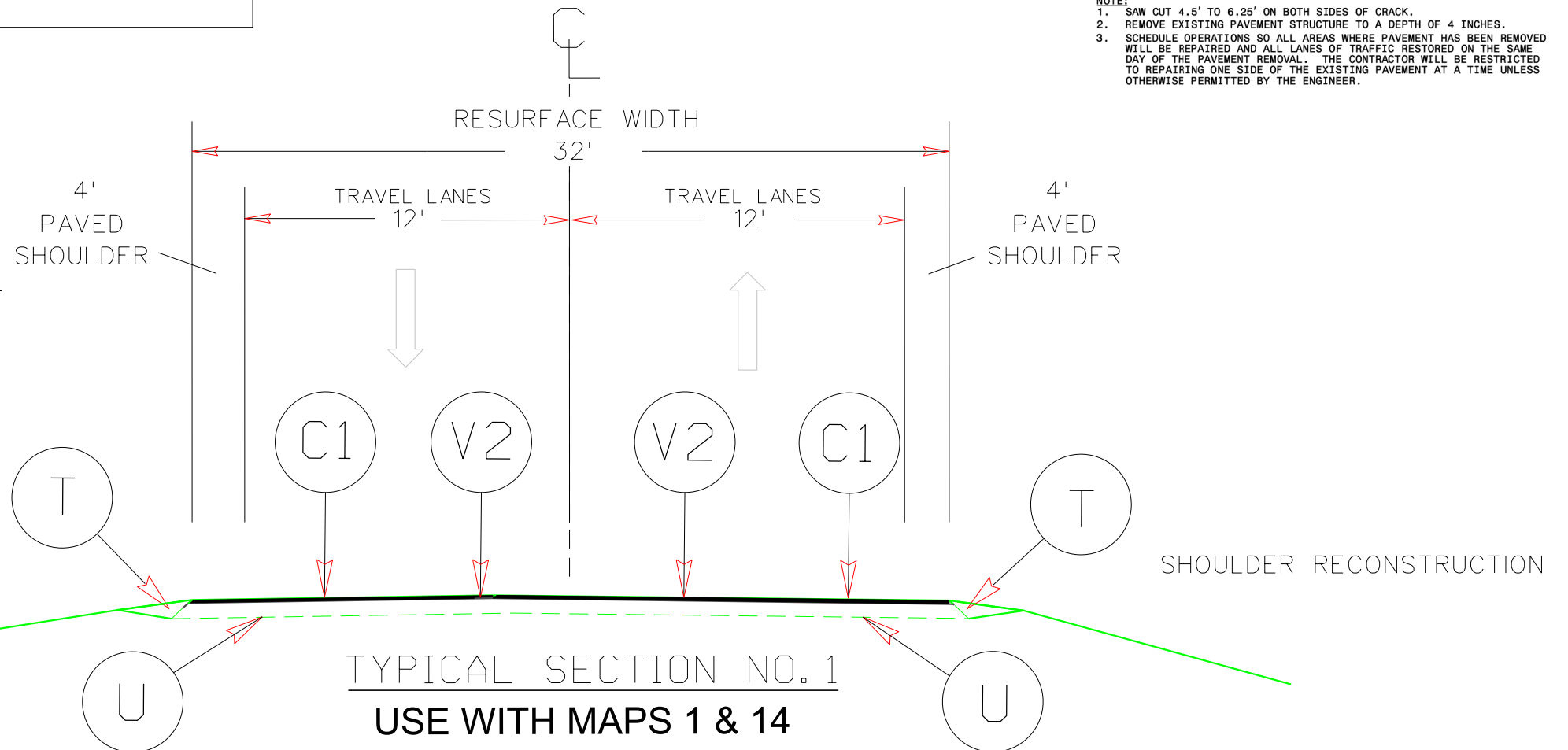
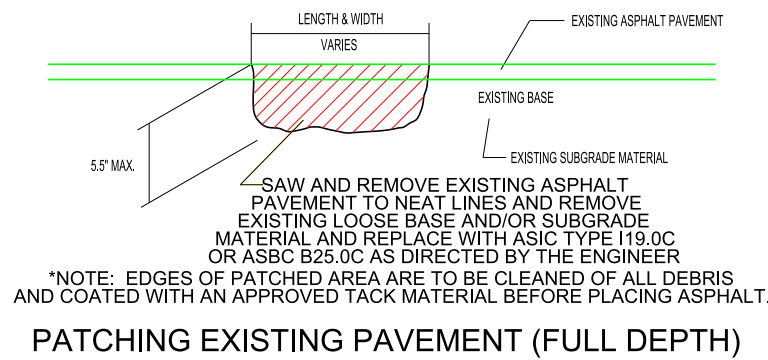
MAIN LINE MILLING

- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
  2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



DETAIL 2  
JOINT REPAIR DETAIL

- NOTE:
1. SAW CUT 4.5' TO 6.25' ON BOTH SIDES OF CRACK.
  2. REMOVE EXISTING PAVEMENT STRUCTURE TO A DEPTH OF 4 INCHES.
  3. SCHEDULE OPERATIONS SO ALL AREAS WHERE PAVEMENT HAS BEEN REMOVED WILL BE REPAIRED AND ALL LANES OF TRAFFIC RESTORED ON THE SAME DAY OF THE PAVEMENT REMOVAL. THE CONTRACTOR WILL BE RESTRICTED TO REPAIRING ONE SIDE OF THE EXISTING PAVEMENT AT A TIME UNLESS OTHERWISE PERMITTED BY THE ENGINEER.



SHOULDER RECONSTRUCTION

SHOULDER RECONSTRUCTION

REVISED 1/16/2024

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.01.02.10461, ETC.	19	

**THERMOPLASTIC AND PAINT QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	MATERIAL TRANSFER VEHICLE REQUIRED	441300000-E	445700000-N	468800000-E	469500000-E	470900000-E	472500000-E						
											WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) YELLOW	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) YELLOW	THERMO PAVEMENT MARKING LINES (24" 90 MILS) (SP)	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), LT ARROW	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), RT ARROW	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), STR ARROW			
											SF	LS	LF	LF	LF	EA	EA	EA				
2024CPT.01.02.10461	Hertford	1	US-13	FROM SR 1212 (SHORT CUT ROAD) TO PAVEMENT JOINT @ 4 LANE DIVIDE	1	2	2WU	3.75	32	YES	432	1			400	3	2					
2024CPT.01.02.10461	Hertford	2	US-158 E	FROM 250' WEST OF SR 1218 (INDUSTRIAL PARK ROAD) TO NC 45 @ US 13 OVERPASS	2	4	MD	0.23	78	NO	264	*	2,475	1,419		12	4	12				
2024CPT.01.02.10461	Hertford	3	RMP-6609 OI	FROM US 13 NORTH TO NC 45	3	1		0.10	24	NO	120	*	538	330								
2024CPT.01.02.10461	Hertford	4	RMP-6610 OI	FROM NC 45 TO US 13 NORTH	3	1		0.10	30	NO	120	*	538	330								
2024CPT.01.02.10461	Hertford	5	RMP-6611 OI	FROM US 13 SOUTH TO US 158	3	1		0.10	30	NO	120	*	538	330								
2024CPT.01.02.10461	Hertford	6	RMP-6612 OI	FROM US 158 TO US 13 SOUTH	3	1		0.10	30	NO	24	*	538	330								
2024CPT.01.02.10461	Hertford	7	NC-45	FROM END C&G TO OVERPASS @ US 13 NORTH	2	2	MD	0.33	51	NO		*	3,551	2,178								
2024CPT.01.02.10461	Hertford	8	NC-45	FROM NC 45 (MAIN STREET) TO END C&G	4	2	2WU	0.20	38	NO	108	*		1,320								
<b>TOTAL FOR PROJ NO. 2024CPT.01.02.10461</b>								<b>4.91</b>			<b>1,188</b>	<b>*</b>	<b>8,178</b>	<b>6,237</b>	<b>400</b>	<b>15</b>	<b>6</b>	<b>12</b>				
											<b>14,415</b>		<b>33</b>									
2024CPT.01.02.20461	Hertford	9	SR-1002 / QUEBEC ROAD	FROM HARRELLSVILLE CITY LIMITS SOUTH TO BERTIE COUNTY LINE	5	2	2WU	4.52	21	NO	336	*										
2024CPT.01.02.20461	Hertford	10	SR-1002 / QUEBEC ROAD	FROM NC 45 TO HARRELLSVILLE CITY LIMITS SOUTH	6	2	2WU	0.20	31	NO		*										
2024CPT.01.02.20461	Hertford	11	SR-1108 / BONNER BRIDGE ROAD	FROM NC 42 TO NC 11	5	2	2WU	1.35	21	NO		*										
2024CPT.01.02.20461	Hertford	12	SR-1179 / UNION STREET / CHOWAN COLLEGE ROAD	FROM END OF CURB & GUTTER TO US 158	7	2		0.62	26	NO		*		10								
2024CPT.01.02.20461	Hertford	13	SR-1179 / UNION STREET / CHOWAN COLLEGE ROAD	FROM HIGH STREET TO END CURB AND GUTTER	6	2	2WU	0.66	36	NO		*		31	210	21						
2024CPT.01.02.20461	Hertford	14	SR-1212 / SHORT CUT ROAD	FROM JOINT NORTH OF NC 11 OVERPASS TO US 13 BUS.	1	2	2WU	0.61	32	YES		*		40								
2024CPT.01.02.20461	Hertford	15	SR-1312 / DREWERY ROAD	FROM SR 1311 (BOONES BRIDGE ROAD) TO VIRGINIA STATE LINE	5	2	2WU	0.68	20	NO		*										
<b>TOTAL FOR PROJ NO. 2024CPT.01.02.20461</b>								<b>8.64</b>			<b>336</b>	<b>*</b>		<b>31</b>	<b>260</b>	<b>21</b>	<b>21</b>					
<b>GRAND TOTAL</b>											<b>13.55</b>			<b>1,524</b>	<b>1</b>	<b>8,178</b>	<b>6,237</b>	<b>31</b>	<b>660</b>	<b>36</b>	<b>6</b>	<b>12</b>
											<b>14,415</b>		<b>54</b>									

**THERMOPLASTIC AND PAINT QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	MATERIAL TRANSFER VEHICLE REQUIRED	481000000-E				484500000-N			489000000-E		490510000-N			
											PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	PAINT PAVEMENT MARKING LINES (8") YELLOW	PAINT PAVEMENT MARKING LINES (24")	PAINT PAVEMENT MARKING SYMBOL (LT ARROW)	PAINT PAVEMENT MARKING SYMBOL (RT ARROW)	PAINT PAVEMENT MARKING SYMBOL (STR ARROW)	GEN PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) WHITE	GEN PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) YELLOW	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER			
											LF	LF	LF	LF	EA	EA	EA	LF	LFT	EA			
2024CPT.01.02.10461	Hertford	1	US-13	FROM SR 1212 (SHORT CUT ROAD) TO PAVEMENT JOINT @ 4 LANE DIVIDE	1	2	2WU	3.75	32	YES	40,350	24,750		400	3	2							
2024CPT.01.02.10461	Hertford	2	US-158 E	FROM 250' WEST OF SR 1218 (INDUSTRIAL PARK ROAD) TO NC 45 @ US 13 OVERPASS	2	4	MD	0.23	78	NO	2,475	1,419		12	4	12			14				
2024CPT.01.02.10461	Hertford	3	RMP-6609 OI	FROM US 13 NORTH TO NC 45	3	1		0.1	24	NO	538	330											
2024CPT.01.02.10461	Hertford	4	RMP-6610 OI	FROM NC 45 TO US 13 NORTH	3	1		0.1	30	NO	538	330											
2024CPT.01.02.10461	Hertford	5	RMP-6611 OI	FROM US 13 SOUTH TO US 158	3	1		0.1	30	NO	538	330											
2024CPT.01.02.10461	Hertford	6	RMP-6612 OI	FROM US 158 TO US 13 SOUTH	3	1		0.1	30	NO	538	330											
2024CPT.01.02.10461	Hertford	7	NC-45	FROM END C&G TO OVERPASS @ US 13 NORTH	2	2	MD	0.33	51	NO	3,551	2,178							21				
2024CPT.01.02.10461	Hertford	8	NC-45	FROM NC 45 (MAIN STREET) TO END C&G	4	2	2WU	0.2	38	NO		1,320							13				
<b>TOTAL FOR PROJ NO. 2024CPT.01.02.10461</b>								<b>4.91</b>			<b>48,528</b>	<b>30,987</b>		<b>400</b>	<b>15</b>	<b>6</b>	<b>12</b>			<b>48</b>			
											<b>79,515</b>		<b>33</b>										
2024CPT.01.02.20461	Hertford	9	SR-1002 / QUEBEC ROAD	FROM HARRELLSVILLE CITY LIMITS SOUTH TO BERTIE COUNTY LINE	5	2	2WU	4.52	21	NO	48,635	29,832						48,635	29,832				
2024CPT.01.02.20461	Hertford	10	SR-1002 / QUEBEC ROAD	FROM NC 45 TO HARRELLSVILLE CITY LIMITS SOUTH	6	2	2WU	0.2	31	NO		1,320							1,320				
2024CPT.01.02.20461	Hertford	11	SR-1108 / BONNER BRIDGE ROAD	FROM NC 42 TO NC 11	5	2	2WU	1.35	21	NO	14,526	8,910						14,526	8,910				
2024CPT.01.02.20461	Hertford	12	SR-1179 / UNION STREET / CHOWAN COLLEGE ROAD	FROM END OF CURB & GUTTER TO US 158	7	2		0.62	26	NO	6,671	4,092		10				6,671	4,092				
2024CPT.01.02.20461	Hertford	13	SR-1179 / UNION STREET / CHOWAN COLLEGE ROAD	FROM HIGH STREET TO END CURB AND GUTTER	6	2	2WU	0.66	36	NO	100	8,712	31	210	21			100	8,712				
2024CPT.01.02.20461	Hertford	14	SR-1212 / SHORT CUT ROAD	FROM JOINT NORTH OF NC 11 OVERPASS TO US 13 BUS.	1	2	2WU	0.61	32	YES	6,564	4,026		40									
2024CPT.01.02.20461	Hertford	15	SR-1312 / DREWERY ROAD	FROM SR 1311 (BOONES BRIDGE ROAD) TO VIRGINIA STATE LINE	5	2	2WU	0.68	20	NO	7,317	4,488						7,317	4,488				
<b>TOTAL FOR PROJ NO. 2024CPT.01.02.20461</b>								<b>8.64</b>			<b>83,813</b>	<b>61,380</b>	<b>31</b>	<b>260</b>	<b>21</b>	<b>21</b>	<b>77,249</b>	<b>57,354</b>					
											<b>145,193</b>		<b>134,603</b>										
<b>GRAND TOTAL</b>											<b>13.55</b>			<b>132,341</b>	<b>92,367</b>	<b>31</b>	<b>660</b>	<b>36</b>	<b>6</b>	<b>12</b>	<b>77,249</b>	<b>57,354</b>	<b>48</b>
											<b>224,708</b>		<b>134,603</b>										