



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

June 5, 2024

Addendum No. 1

RE: **DD00459**
Edgecombe County

To Whom It May Concern:


Reference is made to the above-mentioned project. The following changes have been made:

1. The item number for Hot Spray Thermoplastic Pavement Marking Lines is incorrect. Please add the attached Special Provision to the proposal.
2. In addition, the quantity for Thermoplastic Characters is incorrect. Please replace the Summary of Quantities sheet 2 and the Proposal Item Sheets with the attached pages to correct these two items.
3. ICT 4 is incorrectly written. Maps 3 and 4 should be restricted to nighttime work. Please replace the Intermediate Contract Time Number 4 in the proposal with the attached ICT 4.

This sheet and attachments shall be made a part of the plans and bid documents and shall be submitted with the bid. Bids submitted without the addenda and attachments will be considered non-responsive.

If there are any questions, please contact me at (252) 640-6433.

Sincerely,

DocuSigned by:

BD9FE36C1AA642B...

06/05/2024
Vickie P. Gardner
Division Four Contract Engineer

Attachments



DocuSigned by:
Matthew V. Springer
BC60F6E8B584403...
01/01/2024

HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES:

(12-1-20) (Rev. 1-1-24)

Description

This special provision covers machine applied “hot spray” thermoplastic pavement marking material with both incorporated reflective media.

General, Color, Packing for Shipment, Storage, Materials, Construction Methods, Maintenance, Method of Measurement, and Basis of Payment shall be as described in Section 1087 and Section 1205 of the *Standard Specifications*, with the exceptions as shown below:

Revise the *Standard Specifications* as follows:

Page 10-187, Subarticle 1087-4(C) Gradation & Roundness, lines 4-6, replace this subarticle with the following:

The reflective media used in all pavement marking shall be used according to the manufacturer’s recommendations in order to meet the retroreflectivity requirements as stated in Subarticles 1205-4(C) and 1205-4(D) as measured by any Department approved mobile or handheld retroreflectometer.

The reflective media shall be capable of flowing freely through dispensing equipment in any weather suitable for marking the pavement.

Page 12-1, Subarticle 1205-2(B) Material Qualifications, line 9, add the following:

All “hot spray” thermoplastic manufacturers must be prequalified. In order to be prequalified, all “hot spray” Thermoplastic Pavement Marking manufacturers must have their material installed on the NTPEP test deck.

Page 12-6, Subarticle 1205-4(A)(3) Applicator Storage Kettle, delete lines 31-33, add the following:

Handliners shall not be allowed.

Use application equipment that provides multiple width settings ranging from 4 inches to 12 inches and multiple thickness settings to achieve a minimum 50 mil thickness in one pass.

Page 12-7, Subarticle 1205-4(C) Application, lines 2-5, delete the first paragraph and replace with the following:

All thermoplastic markings shall be of the hot, machine applied type. Application shall be accomplished by spraying methods only.

Page 12-7, Subarticle 1205-4(C) Application, lines 31-32, delete the last paragraph and replace with the following:

Produce a cross-sectional thickness of hot spray thermoplastic markings for long line markings only with a minimum thickness of 50 mils without reflective media or a minimum thickness of 55 mils with reflective media.

Extruded type thermoplastic shall not be sprayed.

The cross-sectional thickness of all “hot sprayed” thermoplastic markings above the surface of the existing pavement shall be no more than 60 mils.

The manufacturer of that material shall certify that the Contractor is trained to place the material. At least one member of each crew working on this project shall have completed this training. The Contractor shall furnish the Engineer written confirmation of this training from the material manufacturer prior to beginning the work.

If the hot sprayed thermoplastic is to be placed over milled-in rumble strips, the Contractor shall ensure that all debris is removed after milling and the surface is thoroughly cleaned to ensure optimum adhesion between the surface and the hot sprayed thermoplastic.

Page 12-12, Article 1205-10 Measurement and Payment, add the following:

Hot Spray Thermoplastic Pavement Marking Line, __" Width, __ mils Thick will be measured and paid as the actual number of linear feet of pavement marking lines satisfactorily placed and accepted by the Engineer. The quantity of solid lines will be the summation of the linear feet of solid line measured end-to-end of the line. The quantity of skip or broken lines will be the summation of the linear feet derived by multiplying the nominal length of a line by the number of marking lines satisfactorily placed. Such prices and payment will be full compensation for all work covered by this section including, but not limited to, furnishing, surface preparation, reapplication of molten pavement marking crossed by a vehicle, and removal of all pavement marking materials spilled on the roadway surface.

Payment will be made under:

Pay Item	Pay Unit
Hot Spray Thermoplastic Pavement Marking Lines, __", __mils	Linear Foot

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.04.15.10331	2	2
2024CPT.04.15.20331		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4420000000-N	4457000000-N	4510000000-N	4688000000-E	4695000000-E	4704000000-E	4709000000-E	4720000000-E			4725000000-E					4890000000-E		4905100000-N						
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	PORTABLE CHANGEABLE MESSAGE SIGN	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	8" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	THERMO MSG SCHOOL 90 M	THERMO MSG ONLY 90 M	THERMO RXR 90 M	THERMO STR ARROW 90 M	THERMO LT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMOPLASTIC PAVEMENT MARKING SYMBOL (MERGE ARROW LEFT) (90 MILS)	THERMOPLASTIC PAVEMENT MARKING SYMBOL (BICYCLE LANE SYMBOL) (90 MILS)	THERMO RT ARROW 90 M	THERMOPLASTIC PAVEMENT MARKING LINES - 4"X50 MILS HOT SPRAY - WHITE	THERMOPLASTIC PAVEMENT MARKING LINES - 4"X50 MILS HOT SPRAY - YELLOW	NON-CAST IRON BLE PAVEMENT MARKER (CRYSTAL & RED)	NON-CAST IRON BLE PAVEMENT MARKER (YELLOW & YELLOW)		
MI	FT											SF	EA	LS	HR	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA				
2024CPT.04.15.10331	Edgecombe	1	US-64 ALT	FROM NC-43 / SR-1250 SPRINGFIELD ROAD TO SR-1577 N MAIN ST	1, 2 & 3	2	2WU	10.56	24	0.35	10.91	592		0.50	320	113,014	108,726	50							4	33	1	7			108	999				
TOTAL FOR MAP NO. 1								10.56				592		0.50	320	113,014	108,726	50							4	33	1	7			108	999				
2024CPT.04.15.10331	Edgecombe	2	US-64 ALT	FROM SR-1577 N MAIN ST TO W WILSON ST	1 & 2	2	2WU	2.83	27	10.91	13.74	160		0.15	80	29,885	39,225	110	1,470		434	12			18	64	6		6			726				
TOTAL FOR MAP NO. 2								2.83				160		0.15	80	29,885	39,225	110	1,470		434	12				18	64	6		6			726			
2024CPT.04.15.10331	Edgecombe	3	US-64 ALT	FROM SR-1350 W WILSON ST TO PAVEMENT JOINT - 50 LF SOUTH OF US-64 HWY RAMP	1 & 2	2	2WD	0.6	45	13.74	14.34	28		0.05	32	4,500	5,000	120		120		12	6		8	11	10			6	70	120				
TOTAL FOR MAP NO. 3								0.6				28		0.05	32	4,500	5,000	120		120		400		12	6		8	11	10			6	70	120		
2024CPT.04.15.10331	Edgecombe	4	US-258	FROM SR-1344 SARA LEE ROAD TO PAVEMENT JOINT - 150 LF NORTH OF US-64 HWY RAMP	1 & 2	2	2WU	0.89	26	0	0.89	60		0.10	16	11,200	14,000						4		7	26			9	150	300					
TOTAL FOR MAP NO. 4								0.89				60		0.10	16	11,200	14,000					104			4		7	26			9	150	300			
TOTAL FOR PROJ NO. 2024CPT.04.15.10331								14.88				840		0.80	448	158,599	166,951	280	1,470	120		938		12	16	6	37	134	17	7	6	15	328	2,145		
															325,550		1,750						34					216			2,473					
2024CPT.04.15.20331	Edgecombe	5	SR-1106 / S FOUNTAIN RD	FROM SR-1106 LEWIS ROAD TO SR- 1102 OLD MARKET ROAD	4	2	2WU	0.51	20	2.1	2.61	32		0.05																5,386	4,376					
TOTAL FOR MAP NO. 5								0.51				32		0.05																		5,386	4,376			
2024CPT.04.15.20331	Edgecombe	6	SR-1109 / S FOUNTAIN RD	FROM SR-1106 S FOUNTAIN ROAD TO BEGIN CURB & GUTTER	4	2	2WU	2.39	20	0	2.39	136		0.15															25,238	22,084						
TOTAL FOR MAP NO. 6								2.39				136		0.150																		25,238	22,084			
TOTAL FOR PROJ NO. 2024CPT.04.15.20331								2.9				168		0.200																			30,624	26,460		
																														57,084						
GRAND TOTAL								17.78				1,008		1,000	448	158,599	166,951	280	1,470	120		938		12	16	6	37	134	17	7	6	15	30,624	26,460	328	2,145
															325,550		1,750							34						216		57,084		2,473		

County: EDGECOMBE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	1220000000-E	545	INCIDENTAL STONE BASE	398 TON		
0003	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1.5")	274,715 SY		
0004	1330000000-E	607	INCIDENTAL MILLING	22,320 SY		
0005	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	26,748 TON		
0006	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,742 TON		
0007	1704000000-E	SP	PATCHING EXISTING PAVEMENT	40 TON		
0008	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	2 EA		
0009	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	1,008 SF		
0010	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	6 EA		
0011	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0012	4510000000-N	1190	LAW ENFORCEMENT	448 HR		
0013	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	325,550 LF		
0014	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	1,750 LF		
0015	4704000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	120 LF		
0016	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	938 LF		
0017	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	34 EA		

County: EDGECOMBE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	216 EA		
0019	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4" X 50 MILS)	57,084 LF		
0020	4905100000-N	1253	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	2,473 EA		
0021	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0022	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	5,270 LF		

0912/Jun05/Q720865/D80025200000/E22

Total Amount Of Bid For Entire Project :

INTERMEDIATE CONTRACT TIME NUMBER 4 AND LIQUIDATED DAMAGES:

(2-20-07)

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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 #3 and Map #4
Monday thru Sunday 6:00 AM to 9:00 PM

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 **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of **6:00pm** December 31st and **7:00am** January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until **7:00am** the following Tuesday.
3. For **Easter**, between the hours of **6:00pm** Thursday and **7:00am** Monday.
4. For **Memorial Day**, between the hours of **6:00pm** Friday and **7:00am** Tuesday.
5. For **Independence Day**, between the hours of **6:00pm** the day before Independence Day and **7:00am** the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of **6:00pm** the Thursday before Independence Day and **7:00am** the Tuesday after Independence Day.
6. For **Labor Day**, between the hours of **6:00pm** Friday and **7:00am** Tuesday.
7. For **Thanksgiving Day**, between the hours of **6:00pm** Wednesday and **7:00am** Monday.
8. For **Christmas**, between the hours of **6:00pm** the Friday before the week of Christmas Day and **7:00am** the following Tuesday after the week of Christmas Day.

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.

DD00459

EDGECOMBE COUNTY

2024CPT.04.15.10331, 2024CPT.04.15.20331

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 **One Hundred Dollars (\$100.00)** per hour.