



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

June 5, 2024

Addendum No. 1

RE: **DD00462**
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 and replace the Summary of Quantities sheet 2 and the Proposal Item Sheets with the attached pages.

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:
Vickie P. Gardner
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.04.20.20332	2	2

PAVEMENT MARKINGS & TRAFFIC CONTROL SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BEGIN MP	END MP	4457000000-N	4413000000-E	4704000000-E	4720000000-E	4890000000-E	4890000000-E	4890000000-E
														TEMPORARY TRAFFIC CONTROL	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS) (WHITE)	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) (R X R)	REMOVAL OF PAVEMENT MARKING LINES (MICROSURFACING)	THERMOPLASTIC PAVEMENT MARKING LINES - 4"X50 MILS HOT SPRAY - WHITE	THERMOPLASTIC PAVEMENT MARKING LINES - 4"X50 MILS HOT SPRAY - YELLOW
														LS	SF	LF	EA	LF	LF	LF
2024CPT.04.20.20332	EDGECOMBE	1	SR 1526 BURNETTE FARM RD.	FROM SR 1524 CHINQUAPIN ROAD TO NC-42	1	2	2WU	NO	NO	3.99	20	0	3.99	0.40	224				42,134	37,921
TOTAL FOR MAP NO. 1										3.99				0.40	224				42,134	37,921
2024CPT.04.20.20332	EDGECOMBE	2	SR 1417 LANCASTER FARM RD.	FROM SR 1404 SEVEN BRIDGE ROAD TO NC-33	1	2	2WU	NO	NO	1.09	20	0	1.09	0.10	64				11,510	11,510
TOTAL FOR MAP NO. 2										1.09				0.10	64				11,510	11,510
2024CPT.04.20.20332	EDGECOMBE	3	SR 1339 HART'S MILL RUN RD.	FROM SR 1208 HOWARD AVE EXT TO US-64A	1	2	2WU	NO	NO	2.11	20	0	2.11	0.20	120	48	4		22,282	19,496
TOTAL FOR MAP NO. 3										2.11				0.20	120	48	4		22,282	19,496
2024CPT.04.20.20332	EDGECOMBE	4	SR 1217 HARTS CHAPEL ROAD	FROM SR 1339 HARTS MILL RUN ROAD TO DEAD END (SUNPOINT LANE)	1	2	2WU	NO	NO	0.47	20	0	0.47	0.05	28				4,963	4,343
TOTAL FOR MAP NO. 4										0.47				0.05	28				4,963	4,343
2024CPT.04.20.20332	EDGECOMBE	5	SR 1109 N FOUNTAIN ROAD	FROM NC 42 NC-42 TO SR 1126 FAITH BAPTIST CHURCH RD	1	2	2WU	NO	NO	2.42	20	5.3	7.72	0.20	136				25,555	22,361
TOTAL FOR MAP NO. 5										2.42				0.20	136				25,555	22,361
2024CPT.04.20.20332	EDGECOMBE	6	SR 1229 WORSLEY RD.	FROM NC 43 NC-43 TO SR 1230 BRAKE ROAD	2	2	2WU	NO	NO	0.72	20	0	0.72	0.05	44			15,000	7,603	7,603
TOTAL FOR MAP NO. 6										0.72				0.05	44			15,000	7,603	7,603
PROJECT TOTAL FOR 2024CPT.04.20.20332										10.8				1.00	616	48	4	15,000	114,048	103,235
PROJECT TOTAL FOR -																				
PROJECT GRAND TOTAL										10.8				1.00	616	48	4	15,000	114,048	103,235

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	108 TON		
0003	1803500000-E	660	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	119,411 SY		
0004	1820000000-E	660	ASPHALT SURFACE TREATMENT, FOG SEAL	119,411 SY		
0005	1838000000-E	660	EMULSION FOR ASPHALT SURFACE TREATMENT	59,706 GAL		
0006	1891000000-E	SP	GENERIC PAVING ITEM LATEX MODIFIED MICROSURFACING (TYPE III)	8,448 SY		
0007	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	616 SF		
0008	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0009	4704000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	48 LF		
0010	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	4 EA		
0011	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM REMOVAL OF PAVEMENT MARKING LINES (4")	15,000 LF		
0012	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4" x 50 MILS)	217,283 LF		

1008/Jun05/Q540037/D36646600000/E12

Total Amount Of Bid For Entire Project :