



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

January 14, 2021

**Addendum No. 1**

Contract No.: DA00489

WBS Element: 2021CPT.01.06.10581.1

*Milling and Resurfacing of US 17 & US 64 ALT in Martin County*

To Whom It May Concern:

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

The following revision has been made to the proposal and plans:

Pages 37 - 38, "Impact Attenuator Units, Type TL-3" has been removed. Please replace the original Pages 37 - 38, "Impact Attenuator Units, Type TL-3" with the attached revised Pages 37 - 38, "Impact Attenuator Units, Type TL-3".

Page 37A, "Guardrail End Units, Type TL-3" has been included in the proposal. Please insert Page 37A, "Guardrail End Units, Type TL-3" in the appropriate location.

Pages 69 - 70, "Bid Form" has been revised to remove the line item for "Impact Attenuator Units, Type TL-3" and to replace it with a line item for "Guardrail End Units, Type TL-3". Please replace the original Pages 69 - 70, "Bid Form" with the attached revised Pages 69 - 70, "Bid Form".

Plan Sheet 4, "Summary of Quantities" has been revised to remove the line item for "Impact Attenuator Units, Type TL-3" and to replace it with a line item for "Guardrail End Units, Type TL-3". Please replace the original Plan Sheet 4, "Summary of Quantities" with the attached revised Plan Sheet 4, "Summary of Quantities".

The amended EBS File (DA00489.001x) has been uploaded. We apologize for any inconvenience.

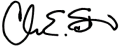
*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
DIVISION ONE  
113 AIRPORT DRIVE, SUITE 100  
EDENTON, NC 27932

*Telephone:* (252) 482-1850  
*Fax:* (252) 482-8722  
*Customer Service:* 1-877-368-4968

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
113 AIRPORT DRIVE, SUITE 100  
EDENTON, NC 27932

Sincerely,

DocuSigned by:  
  
CDAEAC77A6394FB...

C. E. Slachta  
Division Proposals Engineer

Cc: S. D. Baker, PE  
C. W. Bridgers Jr., PE  
G. A. Byrum, PE  
R. W. Midgett, PE  
M. B. Gill, PE

**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 full depth 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; furnishing of asphalt binder for the asphalt plant mix; and furnishing scales.

Any provisions included in the contract in the form of project special provisions or in any other form which provides for adjustments in compensation due to variations in the price of asphalt binder will not be applicable to payment for the work covered by this provision.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Patching Existing Pavement (Full Depth 0 - 5")	Ton

**IMPACT ATTENUATOR UNITS, TYPE TL-3:**

(4-20-04) (Rev. 12-18-18)

SP8-R75

**Description**

~~Furnish and install impact attenuator units and any components necessary to connect the impact attenuator units in accordance with the manufacturer's requirement, the details in the plans and at locations shown in the plans.~~

**Materials**

~~Furnish impact attenuator units listed on the [Approved Products List](https://apps.dot.state.nc.us/vendor/approvedproducts/) at <https://apps.dot.state.nc.us/vendor/approvedproducts/> or approved equal. Prior to installation the Contractor shall submit to the Engineer:~~

- ~~(A) FHWA acceptance letter for each impact attenuator unit certifying it meets the requirements of the Manual for Assessing Safety Hardware (MASH-16), Test Level 3, in accordance with Article 106-2 of the 2018 Standard Specifications.~~

~~(B) Certified working drawings and assembling instructions from the manufacturer for each impact attenuator unit in accordance with Article 105-2 of the 2018 Standard Specifications.~~

~~No modifications shall be made to the impact attenuator unit without the express written permission from the manufacturer. Perform installation in accordance with the details in the plans and details and assembling instructions furnished by the manufacturer.~~

~~**Construction Methods**~~

~~If the median width is 40 feet or less, the Contractor shall supply NON-GATING Impact Attenuator Units.~~

~~If the median width is greater than 40 feet, the Contractor may use GATING or NON-GATING Impact Attenuator Units.~~

~~**Measurement and Payment**~~

~~Impact Attenuator Unit, Type TL-3 will be measured and paid at the contract unit price per each. Such prices and payment will be full compensation for all work covered by this provision including, but not limited to, furnishing, installing and all incidentals necessary to complete the work.~~

~~Payment will be made under:~~

<del><b>Pay Item</b></del>	<del><b>Pay Unit</b></del>
<del>Impact Attenuator Units, Type TL-3</del>	<del>Each</del>

**THERMOPLASTIC PAVEMENT MARKING MATERIAL – COLOR TESTING:**

3-19-19

1087

SP10 R05

Revise the 2018 Standard Specifications as follows:

**Pages 10-183 and 10-184, Subarticle 1087-7(D)(1)(b) Yellow**, lines 9-11, delete and replace with the following:

Obtain Color Values Y,x,y per ASTM E1349 using C/2° illuminant/observer. Results shall be  $Y \geq 45\%$ , and x,y shall fall within PR#1 chart chromaticity limits.

**GUARDRAIL END UNITS, TYPE - TL-3:**

(4-20-04) (Rev. 7-1-17)

862

SP8 R65

**Description**

Furnish and install guardrail end units in accordance with the details in the plans, the applicable requirements of Section 862 of the *2018 Standard Specifications*, and at locations shown in the plans.

**Materials**

Furnish guardrail end units listed on the NCDOT [Approved Products List](https://apps.dot.state.nc.us/vendor/approvedproducts/) at <https://apps.dot.state.nc.us/vendor/approvedproducts/> or approved equal.

Prior to installation the Contractor shall submit to the Engineer:

- (A) FHWA acceptance letter for each guardrail end unit certifying it meets the requirements of the AASHTO Manual for Assessing Safety Hardware, Test Level 3, in accordance with Article 106-2 of the *2018 Standard Specifications*.
- (B) Certified working drawings and assembling instructions from the manufacturer for each guardrail end unit in accordance with Article 105-2 of the *2018 Standard Specifications*.

No modifications shall be made to the guardrail end unit without the express written permission from the manufacturer. Perform installation in accordance with the details in the plans, and details and assembling instructions furnished by the manufacturer.

**Construction Methods**

Guardrail end delineation is required on all approach and trailing end sections for both temporary and permanent installations. Guardrail end delineation consists of yellow reflective sheeting applied to the entire end section of the guardrail in accordance with Article 1088-3 of the *2018 Standard Specifications* and is incidental to the cost of the guardrail end unit.

**Measurement and Payment**

Measurement and payment will be made in accordance with Article 862-6 of the *2018 Standard Specifications*.

Payment will be made under:

**Pay Item**

Guardrail End Units, Type TL-3

**Pay Unit**

Each

County : Martin

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	1220000000-E	545	INCIDENTAL STONE BASE	96 TON		
0003	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1.5")	87,944 SY		
0004	1330000000-E	607	INCIDENTAL MILLING	19,926 SY		
0005	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4,494 TON		
0006	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	4,542 TON		
0007	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	574 TON		
0008	1880000000-E	SP	GENERIC PAVING ITEM PATCHING EXISTING ASPHALT PAVE MENT, FULL DEPTH 0-5"	90 TON		
0009	3287000000-N	SP	GUARDRAIL END UNITS, TYPE TL-3	4 EA		
0010	3030000000-E	862	STEEL BEAM GUARDRAIL	312 LF		
0011	3360000000-E	863	REMOVE EXISTING GUARDRAIL	512 LF		
0012	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	1,224 SF		
0013	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0014	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	84,196 LF		
0015	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	82 EA		
0016	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	168,392 LF		
0017	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	628 LF		

County : Martin

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	82		EA
0019	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC LINE, 24" 90 MI LS	314		LF
0020	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM NON-CAST IRON SNOWPLOWABLE MAR KER	306		EA
0021	6000000000-E	1605	TEMPORARY SILT FENCE	300		LF
0022	6071012000-E	SP	COIR FIBER WATTLE	150		LF
0023	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	2		EA
0024	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	692		LF
0025	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	100		LF
			<b>Total Amount Of Bid For Entire Project :</b>			

1205/Jan14/Q374964.0/D96874112000/E25

PROJECT NO.	SHEET NO.
2021CPT.01.06.10581.1	4

REVISED: 1/14/2021 SPF

SUMMARY OF QUANTITIES																												
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE	LENGTH	WIDTH	MOBILIZATION	INCIDENTAL STONE BASE	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	ASPHALT BINDER FOR PLANT MIX	GENERIC PAVING ITEM, PATCHING EXISTING PAVEMENT FULL DEPTH 0-5 IN	STEEL BEAM GUARDRAIL	GUARDRAIL END UNITS, TYPE TL-3	REMOVE EXISTING GUARDRAIL	TEMPORARY SILT FENCE	COIR FIBER WATTLE	JUNCTION BOX (STANDARD SIZE)	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (14-2)
											MI	FT	LS	TONS	SY	SY	TONS	TONS	TONS	TON	LF	EACH	LF	LF	LF	EA	LF	LF
2021CPT.01.06.10581.1	Martin	1	US 64 ALT	SR1410 CULLIPHER RD TO SR1445 W MAIN ST	1	2	2WU	NO	NO	YES	2.61	24	1	52	48,520	5,449	4,494		301	50			100	50				
2021CPT.01.06.10581.1	Martin	2	US 17 SBL	BEGIN PROJECT AT EXIT 514 US 17 TO SR1124 GARRETT RD	2	2	2WU	NO	NO	YES	1.12	30	*	22	19,712	8,739		2,397	144	20	156	2	256	100	50	1	276	50
2021CPT.01.06.10581.1	Martin	3	US 17 NBL	BEGIN PROJECT AT EXIT 514 US 17 TO SR1124 GARRETT RD	2	2	2WU	NO	NO	YES	1.12	30	*	22	19,712	5,738		2,145	129	20	156	2	256	100	50	1	416	50
TOTAL FOR PROJ NO. 2021CPT.01.06.10581.1											4.85		1	96	87,944	19,926	4,494	4,542	574	90	312	4	512	300	150	2	692	100

THERMOPLASTIC AND PAINT QUANTITIES																													
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	THERMO PAVEMENT MARKING LINES (6", 90 MILS) WHITE	THERMO PAVEMENT MARKING LINES (6", 90 MILS) YELLOW	GENERIC PAVEMENT MARKING ITEM, THERMO LINE 24" 90 MILS (SP)	THERMO PAVEMENT MARKING SYMBOL (90 MILS), LT ARROW	THERMO PAVEMENT MARKING SYMBOL (90 MILS), STR & LT ARROW	THERMO PAVEMENT MARKING SYMBOL (90 MILS), STR ARROW	THERMO PAVEMENT MARKING SYMBOL (90 MILS), RT ARROW	THERMO PAVEMENT MARKING SYMBOL (90 MILS), STR & RT ARROW	PAINT PAVEMENT MARKING LINES, 4" WHITE	PAINT PAVEMENT MARKING LINES, 4" YELLOW	PAINT PAVEMENT MARKING LINES, 24"	PAINT PAVEMENT MARKING SYMBOL (LT ARROW)	PAINT PAVEMENT MARKING SYMBOL (STR & LT ARROW)	PAINT PAVEMENT MARKING SYMBOL (STR ARROW)	PAINT PAVEMENT MARKING SYMBOL (RT ARROW)	PAINT PAVEMENT MARKING SYMBOL (STR & RT ARROW)	GENERIC PAVEMENT MARKING ITEM, NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	
								MI	FT	SF	LS	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
2021CPT.01.06.10581.1	Martin	1	US 64 ALT	SR1410 CULLIPHER RD TO SR1445 W MAIN ST	1	2	2WU	2.61	24	560	1	28,084	17,226	84	50	4	2			56,168	34,452	168	50	4	2				164
2021CPT.01.06.10581.1	Martin	2	US 17 SBL	BEGIN PROJECT AT EXIT 514 US 17 TO SR1124 GARRETT RD	2	2	2WU	1.12	30	328	*	12,051	7,392	75	7	1	1	3	1	24,102	14,784	150	7	1	1	3	1	71	
2021CPT.01.06.10581.1	Martin	3	US 17 NBL	BEGIN PROJECT AT EXIT 514 US 17 TO SR1124 GARRETT RD	2	2	2WU	1.12	30	336	*	12,051	7,392	155	6		5	2		24,102	14,784	310	6		5	2	71		
TOTAL FOR PROJ NO. 2021CPT.01.06.10581.1								4.85		1,224	1	52,186	32,010	314	63	5	8	5	1	104,372	64,020	628	63	5	8	5	1	306	
												84,196						82						82					