

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

March 17, 2022

#### Addendum No. 1

Contract No.: DA00507

WBS Element: 2022CPT.01.06.20481.1, ETC.

AST (Double Seal & Single Seal), Milling and Resurfacing of Various Secondary Routes in Hyde, Tyrrell & Washington Counties

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:

Pages 34 & 35 "Shoulder Reconstruction Per Shoulder Mile" has been revised to update the "Aggregate Shoulder Borrow" requirements and pay items. Please replace the original Pages 34 & 35 "Shoulder Reconstruction Per Shoulder Mile" with the attached revised Pages 34 & 35 "Shoulder Reconstruction Per Shoulder Mile".

Pages 85 & 86 "Bid Form" has been revised to include the line item for "Aggregate Shoulder Borrow". Please replace the original Pages 85 & 86 "Bid Form" with the attached revised Pages 85 & 86 "Bid Form".

Plan Sheet 7 "Summary of Quantities" has been revised to include the line item for "Aggregate Shoulder Borrow". Please replace the original Plan Sheet 7 "Summary of Quantities" with the attached revised Plan Sheet 7 "Summary of Quantities".

The amended EBS File (DA00507.001x) has been uploaded. We apologize for any inconvenience.

Website: www.ncdot.gov

## Sincerely,



## C. E. Slachta Division Contract Engineer

Cc: S. D. Baker, PE

C. W. Bridgers, Jr., PE

R. W. Midgett, PE

R. K. Sawyer, PE

G. A. Byrum, PE

M. B. Gill, PE

M. Proctor

DA00507 34 STATE

#### ROADWAY SPECIAL PROVISIONS

#### **SHOULDER RECONSTRUCTION PER SHOULDER MILE:**

560

SP1 R07AR-REV. DIV 1

#### **Description**

This work consists of reconstructing each shoulder (including median shoulders as applicable) in accordance with Standard Drawing No. 560.01 and 560.02 of the 2018 Roadway Standard Drawings except that the rate of slope and width will be as shown on typical section, or to the existing shoulder point, whichever is nearer, as long as the desired typical is achieved, and when completed, seeding and mulching. This work shall be performed immediately after the resurfacing operations are complete as directed by the Engineer.

#### **Materials**

The Contractor shall furnish all earth material necessary for the construction of the shoulders in accordance with Section 1019 of the 2018 Standard Specifications. All soil is subject to test and acceptance or rejection by the Engineer.

The Contractor shall use Aggregate Shoulder Borrow (ASB) which meets the following gradation on *Map #7*.

<u>Sieve</u>	Percent Passing
1 1/2"	100
1/2"	55 - 95
#4	35 - 74

The use of Aggregate Shoulder Borrow (ASB) is <u>NOT</u> an Option for any other Map in this Contract.

#### **Construction Methods**

Obtain material from within the project limits or approved borrow source. Prior to adding borrow material, the existing shoulder shall be scarified to provide the proper bond and shall be compacted to the satisfaction of the Engineer.

Any excess material generated by the shoulder reconstruction shall be disposed of by the Contractor in an approved disposal site.

#### **Measurement and Payment**

Shoulder Reconstruction will be measured and paid as the actual number of miles of shoulders that have been reconstructed. Measurement will be made along the surface of each shoulder to the nearest 0.01 of a mile. Such price will include disposing of any excess material in an approved disposal site, and for all labor, tools, equipment, and incidentals necessary to complete the work.

Aggregate Shoulder Borrow (ASB) will be measured and paid at the contract unit price per ton that has been incorporated into the completed and accepted work. This quantity will be measured as provided for in Article 520-11 of the 2018 Standard Specifications. Such price will include disposing of any excess material in an approved disposal site, and for all labor, tools, equipment, and incidentals necessary to complete the work.

DA00507 35 STATE

Borrow Excavation will be paid in accordance with Section 230 of the 2018 Standard Specifications for earth material furnished by the Contractor. The requirements of Article 104-5 of the 2018 Standard Specifications pertaining to revised contract prices for overrunning minor items will not apply to the item of Borrow Excavation.

Seeding and Mulching will be measured and paid as shown elsewhere in the contract documents. Where ASB is used, seeding and mulching will not be required.

Payment will be made under:

Pay Item
Shoulder Reconstruction
Borrow Excavation
Aggregate Shoulder Borrow

Pay Unit Shoulder Mile Cubic Yard Ton

### **SHOULDER RECONSTRUCTION PROCEDURE:**

(7-1-95) (Rev. 10-15-13)

560

SP1 R10BR

Perform shoulder reconstruction immediately following paving operations and in no case allow paving operations to exceed shoulder operations by more than two weeks without written permission of the Engineer. Failure to meet this requirement shall be cause to cease paving operations until it can be met. Place final pavement marking after shoulder reconstruction.

Upon completion of shoulder reconstruction, remove construction signs and use on other projects or store at the county maintenance installation or as directed by the Engineer.

#### **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.

#### SHOULDER AND FILL SLOPE MATERIAL:

(5-21-02) 235, 56

SP2 R45 B

#### **Description**

Perform the required shoulder and slope construction for this project in accordance with the applicable requirements of Section 560 and Section 235 of the 2018 Standard Specifications.

#### Mar 17, 2022 2:11 pm ITEMIZED PROPOSAL FOR CONTRACT NO. DA00507

County: Hyde, Tyrrell, Washington Line Item Number Description Quantity **Unit Cost** Sec **Amount ROADWAY ITEMS** 0001 0000100000-N 800 MOBILIZATION Lump Sum L.S. 0002 0106000000-E 230 BORROW EXCAVATION 2,580 CY 545 INCIDENTAL STONE BASE 0003 1220000000-E 258 TON 0004 1245000000-E SP SHOULDER RECONSTRUCTION 30.7 SMI MILLING ASPHALT PAVEMENT, \*\*\*" 0005 1297000000-E 20,944 **DEPTH** SY (2-1/2")0006 1330000000-E INCIDENTAL MILLING 2,200 SY 0007 1503000000-E ASPHALT CONC INTERMEDIATE 610 3,282 COURSE, TYPE I19.0C TON ASPHALT CONC SURFACE COURSE, 0008 1519000000-E 610 19,439 TYPE S9.5B TON 0009 1575000000-E 620 ASPHALT BINDER FOR PLANT MIX 1.461 TON ASPHALT SURFACE TREATMENT, 0010 1803500000-E 660 136,000 DOUBLE SEAL SY 0011 1814500000-E 660 ASPHALT SURFACE TREATMENT, 16,374 SINGLE SEAL SY 0012 1838000000-E EMULSION FOR ASPHALT SURFACE 86,575 **TREATMENT** GAL 0013 1880000000-E GENERIC PAVING ITEM 295 PATCHING EXISTING PAVEMENT TON FULL DEPTH, 0 - 5" WORK ZONE ADVANCE/GENERAL 0014 4413000000-E SP 1.664 WARNING SIGNING SF 0015 4457000000-N SP TEMPORARY TRAFFIC CONTROL Lump Sum L.S. 0016 4810000000-E 1205 PAINT PAVEMENT MARKING LINES 401,116 (4") LF GENERIC PAVEMENT MARKING ITEM 0017 4890000000-E 305,362 HOT SPRAY THERMOPLASTIC LF PAVEMENT MARKING LINES, (4", 55 MILS)

REVISED 3/17/2022

Mar 17, 2022 2:11 pm

ITEMIZED PROPOSAL FOR CONTRACT NO. DA00507

Page 2 of 2

County: Hyde, Tyrrell, Washington

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0040	<000000000 F	4005	TEMPODADY OUT FENCE	500		
0018	6000000000-Е	1605	TEMPORARY SILT FENCE	600 LF		
0019	6071012000-E	SP	COIR FIBER WATTLE	600		
				LF		
0020	6084000000-E	1660	SEEDING & MULCHING	12.9		
				ACR		
0021	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	15		
				EA		
0022	1260000000-E	SP	AGGREGATE SHOULDER BORROW	1,000		
				TON		

1411/Mar17/Q999810.6/D61233112000/E22

Total Amount Of Bid For Entire Project :

PROJECT NO. SHEET NO. 2022CPT.01.06.20481.1, ETC. 7

SUMMARY OF QUANTITIES																											
PROJECT NO	COUNTY	MAP ROUTE NO		TYP LAN	ES LANE TYPE		WARM MIX ASPHALT REQUIRED	LENGTH V	VIDTH	MOBILIZATION	BORROW EXCAVATION	AGGREGATE SHOULDER BORROW		SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT 2.5"	INCIDENTAL MILLING	ASPHALT CONC INTERMEDIA TE COURSE, I19.0C	ASPHALT CONC SURFACE COURSE, S9.5B	BINDER FOR PLANT MIX		ASPHALT SURFACE TREATMENT, SINGLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	GENERIC PAVING ITEM FULL DEPTH PATCHING (0 - 5")	TEMPORARY SILT FENCE	COIR FIBER WATTLE	SEEDING & MULCHING	
								MI	FT	LS	CY	TONS	TONS	SMI	SY	SY	TONS	TONS	TONS	SY	SY	GAL	TON	LF	LF	ACR	EA
2022CPT.01.06.20481.1	Hyde	1 SR 1303 NEW LAKE RD	SR 1302 HIGGINSPORT RD TO EOP	1 2	2WU		NO	5.07	20	1	1,014		101	10.14		200		5,503	369	60,343		36,210	125	100	100	5.1	5
2022CPT.01.06.20481.1	Hyde	2 SR 1348 PATS RD	NC45 TO EOM	1 2	2WU	J NO	NO	1.82	18	*	364		36	3.64		200		1,757	118	19,219		11,535	30	100	100	1.8	2
TOTAL FOR PROJ NO. 2022CPT.01.06.20481.1		2022CPT.01.06.20481.1						6.89			1,378		137	13.78		400		7,260	487	79,562		47,745	155	200	200	6.9	7
2022CPT.01.06.20891.1	Tyrrell	3 SR 1117 RACOON RD	SR 1113 TO NC94	2 2	2WU	J NO	NO	1.18	20	*	236		24	2.36		200		1,264	85		13,845	4,160	20	100	100	1.2	2
2022CPT.01.06.20891.1	Tyrrell	4 SR 1123 LAKE SHORE DR	SR 1118 MAGNOLIA RD TO WASHINGTON CO LINE	1 2	2WU	NO NO	NO	0.39	20		78		8	0.78		200		428	29	4,696		2,820	20	100	100	0.4	1
			NC94 TO SR 1117 BAY POST OFFICE																								
2022CPT.01.06.20891.1	Tyrrell	5 SR 1200 ALBEMARLE CHURCH RD	RD	1 2	2WU		NO	4.23	20	*	846		85	8.46		800		4,707	315	51,742		31,050	20	100	100	4.2	4
2022CPT.01.06.20891.1	Tyrrell	6 SR 1325 MOORE RD	CDS TO SR1301 LEVELS RD	2 2	2WU	J NO	NO	0.21	18	*	42		4	0.42		200		228	15		2,529	800	20	100	100	0.2	1
TOTAL	FOR PROJ NO.	2022CPT.01.06.20891.1			_	1		6.01			1,202		121	12.02		1,400		6,627	444	56,438	16,374	38,830	80	400	400	6.0	8
202207 04 05 20044 4	Markinston	7 (0.4437.0411.0040.050.00	SR 1129 LAKE RD TO SR 1179 NORTH SLOPE RD		2040		NO.	4.0	24			4.000		400	20.944	400	2 202	5.553	530								
2022CPT.01.06.20941.1		7 SR 1127 RAILROAD BED RD	NORTH SLOPE RD	3 2	2WU	J NO	NO	4.9	21	•		1,000		4.90	,	400	3,282	5,552	530				60				
TOTAL	FUK PKOJ NO.	2022CPT.01.06.20941.1				+		4.9				1,000		4.90	20,944	400	3,282	5,552	530				60	<b>—</b>		+	
				$\sqcup \sqcup$		1													L							+	
GRAND TOTAL 17.8 1 2,580												1,000	258	30.70	20,944	2,200	3,282	19,439	1,461	136,000	16,374	86,575	295	600	600	12.9	15

	,			ERMOPLAST											,		,
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	TYPE		WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	WORK ZONE ADV/GEN WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	GENERIC PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) WHITE	GENERIC PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 5: MILS) YELLOW
										MI	FT	SF	LS	LF	LF	LF	LFT
2022CPT.01.06.20481.1	Hyde	1	SR 1303 NEW LAKE RD	SR 1302 HIGGINSPORT RD TO EOP	1	2	2WU	NO	NO	5.07	20	512	1	54,553	66,924	54,553	33,462
2022CPT.01.06.20481.1	Hyde	2	SR 1348 PATS RD	NC45 TO EOM	1	2	2WU	NO	NO	1.82	18		*	19,583	24,024	19,583	12,012
TOTAL	FOR PROJ NO	. 20220	PT.01.06.20481.1						6.89		512		74,136	90,948	74,136	45,474	
														165		119,61	
2022CPT.01.06.20891.1	Tyrrell	3	SR 1117 RACOON RD	SR 1113 TO NC94	2	2	2WU	NO	NO	1.18	20		*	12,697	15,576	12,697	7,788
2022CPT.01.06.20891.1	Tyrrell	4	SR 1123 LAKE SHORE DR	SR 1118 MAGNOLIA RD TO WASHINGTON CO LINE	1	2	2WU	NO	NO	0.39	20		*	4,196	5,148	4,196	2,574
2022CPT.01.06.20891.1	Tyrrell	5	SR 1200 ALBEMARLE CHURCH RD	NC94 TO SR 1117 BAY POST OFFICE RD	1	2	2WU	NO	NO	4.23	20	728		45.515	55.836	45.515	27.918
2022CPT.01.06.20891.1	Tyrrell	6	SR 1325 MOORE RD	CDS TO SR1301 LEVELS RD	2	2	2WU	NO	NO	0.21	18						i
TOTAL	FOR PROJ NO	. 20220	PT.01.06.20891.1							6.01		728		62,408	76,560	62,408	38,280
														138,968			
2022CPT.01.06.20941.1	Washington	7	SR 1127 RAILROAD BED RD	SR 1129 LAKE RD TO SR 1179 NORTH SLOPE RD	3	2	2WU	NO	NO	4.9	21	424		52.724	44.340	52.724	32.340
			PT.01.06.20941.1	HOME SECTIONS		- 2	2000	IVO	NO	4.9	21	424		52,724	44,340	52,724	32,340
TOTAL	10111105110		11011001203-111							4.5		724		97.		85.064	32,540
													_	189.268	211.848	189.268	116.094
GRAND TOTAL												1,664	1	401	.116	305.362	