

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

July 25, 2022

CONTRACT: DB00533
WBS ELEMENT: BP2.R019.3
COUNTY: CRAVEN
ROUTE: SR 1621

DESCRIPTION: REPLACEMENT OF BRIDGE 26 OVER BEAVERDAM

SWAMP ON SR 1621 IN CRAVEN COUNTY

#### **ADDENDUM 2**

TO: PROSPECTIVE BIDDERS

Please note the following revisions to the proposal.

- Replacement of 3B-1 of the plan sheets. Please see attached 3B-1, page A1.
- A revised electronic file has been uploaded to bid express named DB00533.002.

Please make sure to sign the addendum page in the proposal to acknowledge this addendum.

Sincerely,

Mary Voelker Moore

Mary Voelker Moore, PE Division Contract Engineer

cc: Mr. Michael C. Aman, PE

Mr. Justin Howard, PE Ms. Heather C. Lane, PE Mr. Brad T. McMannen, PE

Website: www.ncdot.gov

Mr. Cadmus Capehart, PE Mr. Hon Yeung, PE Mr. Jeff Cabaniss, PE

00533

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BP2.R019.1 4RD1 3B-1

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.

TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT. FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.

W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.

G = GATING IMPACT ATTENUATOR TYPE 350

GUARDRAIL SUMMARY

NG = NON-GATING IMPACT ATTENUATOR TYPE 350																					
SURVEY	250 251		LOCATION	LENGTH		WARRANT POINT		"N" DIST.	TOTAL	FLARE	FLARE LENGTH W		ANCHORS			IMPACT ATTENUATOR	SINGLE	REMOVE	REMOVE AND		
LINE	BEG. STA.	END STA.	LOCATION	STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	FROM E.O.L.	SHOUL. WIDTH	APPROACH END	TRAILING END	APPROACH END	TRAILING END	GREU TL-3	TYPE III		TYPE 350  EA G NG	GUARDRAIL GUARDRAIL	STOCKPILE REMARKS EXISTING GUARDRAIL	
_L_	14 + 65 ±	15 + 65 ±	LT	100.00				15 + 65 ±	4.42	7.42		50.00		1.00	1 1	1					
-L-	14 + 80 ±	15 + 65 ±	RT	87.50			15 + 65 ±		4.42	7.42	50.00		1.00		1	1					
-L-	16 + 37 ±	17 + 50 ±	LT	112.50			16 + 37 ±		4.42	7.42	50.00		1.00		1	1					
-L-	16 + 37 ±	17 + 50 ±	RT	112.50				16 + 37 ±	4.42	7.42		50.00		1.00	1	1					
			SUBTOTALS	412.50											4	4					
			TYPE III, 4@18.75'	-75.00																	
			GREU TL-3, 4@50.00	D' –200.00																	
			PROJECT TOTALS	137.50											4	4					
			SAY	137.50											4	4					
Al	DDITIONAL GUARDRAIL	POSTS = 10 EA																			

## SUMMARY OF EARTHWORK (CY)

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
-L- 13 + 50.00 - BEGIN BRIDGE	42		299	257	
END BRIDGE - 19 + 50.00	20		588	568	
SUBTOTAL	62		886	824	
PROJECT TOTAL	62		886	824	
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				41	
GRAND TOTAL	62		886	866	
SAY	70			900	

UNDERCUT (CONTINGENCY) = 300 CY
SELECT GRANULAR MATERIAL (CONTINGENCY) = 300 CY

NOTE: Earthwork quantities are calculated by the Roadway Design Unit.
These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

### SUMMARY OF PAVEMENT REMOVAL (SY)

LINE	STATION – STATION	LOCATION	REMOVAL (SY)
-L-	STA. 14+65.00 TO STA. 15+70.36	CL	281
-L-	STA. 16 + 31.31 TO STA. 17 + 35.00	CL	270
GRAND TOTAL			551
SAY			560

#### SUMMARY OF SHOULDER BERM GUTTER (LF)

LINE	STATION	STATION	LENGTH (LF)
-L- LT	14 + 65 +/-	15 + 65 +/-	100
-L- LT	16 + 37 +/-	17 + 50 +/-	112.50
-L- RT	16+37+/-	17 + 50 +/-	112.50
		TOTAL	325
		SAY	330