	COMPUTED BY: MF		
ı	CHECKED BY: NC		

PROJECT REFERENCE NO.	SHEET NO.
B-4838	3B-1

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Undercut	Embank. +%	Borrow	Waste
-L- Sta. 23+15.23	-L- Sta. 29+69.60 +/- (Begin Bridge)	69	0	2261	2192	0
-L- Sta. 31+60.60 +/- (End Bridge)	-L- Sta. 44+42.19	215	0	2238	2023	0
-RPC- Sta. 10+57.24	-RPC- Sta. 12+61.32	0	0	96	96	0
-RPD- Sta. 10+45.00	-RPD- Sta. 11+63.42	0	0	12	12	0
SUBTOTALS:		284	0	4607	4323	0
TOTALS:	NI .	284	0	4,607	4,323	0
MATERIAL FOR SHOULDER CONSTRUCTIO	N		400	100	100	400
CONTINGENCY UNDERCUT			400			400
PROJECT TOTALS:		284	400	4,707	4,423	400
ST. 5% TO REPLACE TOP SOIL ON BORRO	OW PIT				221	
GRAND TOTALS:		284	400	4,707	4,644	400
SAY:		300			4,700	
	lote: Earthwork quantities are calculated ties are based in part on subsurface data			Engineering L	Init	
Note: Approxim	ties are based in part on subsurface data rate quantities only. Unclassified excavat of existing pavment will be paid for at the	ion, fine gradin	g, clearing and g	grubbing,	Jiill.	

CONTINGENCY ITEMS PER NCDOT GEOTECHNICAL REPORT - RECOMMENDATIONS, DATED FEBRUARY 22, 2024:

SELECT GRANULAR MATERIAL = 400 CY GEOTEXTILE FOR SOIL STABILIZATION = 400 SY

SUMMARY OF GUARDRAIL

"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.

NG = NON-GATING IMPACT ATTENUATOR TYPE 350

G = GATING IMPACT ATTENUATOR TYPE 350

					LENGTH		WARRA	RANT POINT	"N" DIST.	TOTAL	FLARE	LENGTH		W			ANCHORS					IMP. ATTEN.				1		
INE	BEG. STA.	END STA.	LOC.	STRAIGHT		DOUBLE		TRAIL.	FROM	SHLDR	APPR.	TRAIL.	APPR.	TRAIL.	III B	-77				CAT-1	TES		MIA-2		REMOVE	SINGLE FACE	TYPE T2	
					CURVED	FACED	END	END	E.O.L.	WIDTH	END	END	END					TL-3				EA	G	NG	EXISTING GUARDRAIL	CONCRETE BARRIER	CONCRETE BARRIER (MODIFIED)	REMARKS
1	26+98.46	29+80.95	RT	262.50	25	TAGED	28+00.00	29+80.95	8	11	25		0.5	LIVE	1		1	12-3				LA		NO				
1	29+29.13	30+33.38	RT	202.00	25		20100.00	23100.00	<del>                                     </del>	11	20		0.0	†			<u> </u>	<del> </del>			<del>                                     </del>				104.25			
<u>-</u>	29+43.06	30+04.64	LT																						61.58			
1	31+72.31	32+55.00	RT				+ +		<del> </del>				+	†				<del> </del>			<del>                                     </del>				01.50	87.50		
1	32+55.00	33+50.00	RT				+ +		<del> </del>				+	†				<del> </del>			<del>                                     </del>					07.50	95.00	
1	27+82.90	29+58.25	LT	187.50			29+24.39	28+00.00	8	11			+	†	1			<del> </del>		1	<del>                                     </del>						33.00	
1	33+29.82	33+67.44	LT	37.50	75		29+24.33	33+29.82	7.5	10.5	10		1		1				1	'								
	33123.02	33107.44	<u> </u>	37.50	75		+ +	33123.02	7.5	10.5	10		+	+	'	-+			<u>'</u>		<del>                                     </del>							
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							+ +		<del> </del>				+	†				<del> </del>			<del>                                     </del>							
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							+		<u> </u>				1	+							<del>                                     </del>							
													1	1							<b>!</b>							
			SUBTOTA	AL 487.50	100.00					<u> </u>			1		_					1 4					405.00	07.50	95.00	
	ANCHOR UNIT DEDUCTIONS		SUBTUTA	487.3U	100.00								1		3		1		1	1					165.83	87.50	95.00	
	ANCHUR UNIT DEDUCTIONS	CDELLTL 2.4 @ 25.00/ EACH		25.00							-		1								-							
		GREU TL-2 1 @ 25.00' EACH		-25.00 -56.25			+		-		<del> </del>		1	+			<del></del>				<del>                                     </del>					<del> </del>		
		TYPE III 3 @ 18.75' EACH			1		+		1		-			1							<b> </b>					1		
		CAT-1 1 @ 6.25' EACH		-6.25									1	1														
-		AT-1 1 @ 6.25' EACH		-6.25									<del> </del>															
<u> </u>			TOTAL	393.75	100.00								1		2		4		4	1					166	00	95	
			SAY	400.0	100.00										3 3		1		<u> I</u>	1					170	80	95 95	

ADDITIONAL GUARDRAIL POSTS = 5 EACH

## PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP	REMARKS
-L-	16+71	18+05	RT	140.91				
-L-	18+61	21+45	RT	273.51				
-L-	23+08	24+46	LT	47.57				
						100.00		CONTINGENCY
		TOTAL:		461.99		100.00		
		SAY:		470		100		