Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0004 COUNTY: Beaufort/Hyde DATE: 2/20/2026 COMPILED BY: Bond, Jordan

CHAIN	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. (+)30%		ROCK	SUITABLE	UNSUIT.	TOTAL
SUMMARY 1																
-L-	11+00.00	20+43.00	249		1,400		249	4,973		4,973	6,465	6,216			1,400	1,400
-Y1-	10+12.07	14+05.00	116				116	2,640		2,640	3,432	3,316				
-Y1A-	10+13.85	12+09.00	17				17	545		545	709	692				
-Y1DET-	10+08.10	13+11.84	57				57	367		367	477	420				
SUBTOTAL			439		1,400		439	8,525		8,525	11,083	10,644			1,400	1,400
SUMMARY 2																
-L-	26+57.00	38+50.00	70				70	6,167		6,167	8,017	7,947				
SUBTOTAL			70				70	6,167		6,167	8,017	7,947				
SUMMARY 3																
-L-	14+50.00	20+43.00	2,950			330	2,620							2,620	330	2,950
-Y1DET- REMOVAL			367				367							367		367
SUBTOTAL			3,317			330	2,987							2,987	330	3,317
SUMMARY 4																
-L-	26+56.50	34+00.00	2,513				2,513							2,513		2,513
SUBTOTAL			2,513				2,513							2,513		2,513
SHEET TOTALS			6,339		1,400	330	6,009	14,692		14,692	19,100	18,591		5,500	1,730	7,230

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.

BALANCE EARTHWORK CHECK			
TOTAL UNCL. EXC:	6,339	EMB+%:	19,100
UNDERCUT EXC:	1,400	TOTAL WASTE:	7,230
BORROW EXC:	18,591		
TOTAL:	26,330	TOTAL:	26,330

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PROJECT: BR-0004 COUNTY: Beaufort/Hyde DATE: 2/20/2026 COMPILED BY: Bond, Jordan

CUMULATIVE TOTALS	EXCAVATION					EMBANKMENT				BORROW	WASTE			
	TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. (+)30%		ROCK	SUITABLE	UNSUIT.	TOTAL
SHEET 1 SUMMARY	6,339		1,400	330	6,009	14,692		14,692	19,100	18,591		5,500	1,730	7,230
SHEET TOTALS	6,339		1,400	330	6,009	14,692		14,692	19,100	18,591		5,500	1,730	7,230
SELECT GRANULAR MATERIAL MODIFIED CLASS III					-2,550			-2,550	-3,315	-3,315				
ADDITIONAL UNDERCUT PER GEOTECH			1,100										1,100	1,100
MATERIAL FOR SHOULDER CONSTRUCTION						509		509	662	662				
EARTH WASTE IN LIEU OF BORROW														
PROJECT TOTAL	6,339		2,500	330	3,459	15,201		12,651	16,447	15,938		5,500	2,830	8,330
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										797				
GRAND TOTAL	6,339									16,735				
SAY	6,340		2,500							17,000				
DRAINAGE DITCH EXCAVATION	850	CY												
CONTINGENCY ITEMS PER GEOTECHNICAL RECOMMEND														
SHALLOW UNDERCUT	250	CY												
CLASS IV SUBGRADE STABILIZATION	500	TONS												

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGNER. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

BALANCE EARTHWORK CHECK			
TOTAL UNCL. EXC:	6,339	EMB+%:	16,447
UNDERCUT EXC:	2,500	TOTAL WASTE:	8,330
BORROW EXC:	15,938		
TOTAL:	24,777	TOTAL:	24,777

COMPUTED BY: JCB DATE: 3/9/2026

R.D.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.
SUMMARY 1							
-L-	11+00.00	20+43.00	249	1,400	6,465	6,216	1,400
-Y1-	10+12.07	14+05.00	116		3,432	3,316	
-Y1A-	10+13.85	12+09.00	17		709	692	
-Y1DET-	10+08.10	13+11.84	57		477	420	
SUBTOTAL			**439**	**1,400**	**11,083**	**10,644**	**1,400**
SUMMARY 2							
-L-	26+57.00	38+50.00	70		8,017	7,947	
SUBTOTAL			**70**		**8,017**	**7,947**	
SUMMARY 3							
-L-	14+50.00	20+43.00	2,950				2,950
-Y1DET- REMOVAL			367				367
SUBTOTAL			**3,317**				**3,317**
SUMMARY 4							
-L-	26+56.50	34+00.00	2,513				2,513
SUBTOTAL			**2,513**				**2,513**
SHEET TOTALS			**6,339**	**1,400**	**19,100**	**18,591**	**7,230**
SELECT GRANULAR MATERIAL MODIFIED CLASS III					**-3,315**	**-3,315**	
ADDITIONAL UNDERCUT PER GEOTECH				**1,100**			**1,100**
MATERIAL FOR SHOULDER CONSTRUCTION					**662**	**662**	
EARTH WASTE IN LIEU OF BORROW							
PROJECT TOTAL			**6,339**	**2,500**	**16,447**	**15,938**	**8,330**
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						**797**	
GRAND TOTAL			**6,339**			**16,735**	
SAY			**6,340**	**2,500**		**17,000**	

Note: Earthwork quantities are calculated by the Roadway Designer. 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, Breaking of Existing Pavement, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

DRAINAGE DITCH EXCAVATION = 850 C.Y.
CONTINGENCY ITEMS PER GEOTECHNICAL RECOMMENDATIONS:
SHALLOW UNDERCUT = 250 C.Y.