

## EARTHWORK BALANCE SHEET

Volumes in Cubic Yards

PROJECT:           B-5156          

COUNTY:           PENDER          

DATE:           6/21/2023          

          KIMLEY-HORN          

SHEET   1   OF 1 SHEET

LINE	STATION	STATION	EXCAVATION					EMBANKMENT					BORROW	WASTE				
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	UNDERCUT	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL	
<b>PHASE I (NEW LOCATION)</b>																		
-L-	12+10.00	21+88.00	165		960		165	14191			14191	17739	17574				960	960
-L-	23+93.00	32+82.00	264		640	150	114	5012			5012	6265	6151				790	790
<b>SUBTOTAL (PHASE I)</b>			429		1600	150	279	19203		0	19203	24004	23725				1750	1750
<b>PHASE II (REMOVE EXISTING)</b>																		
-L-	12+10.00	21+88.00	8805				8805	876		0	876	1095				7710		7710
-L-	23+93.00	32+82.00	3470				3470	81			81	101				3369		3369
<b>SUBTOTAL (PHASE II)</b>			12275		0		12275	957		0	957	1196	0			11079		11079
<b>TOTAL</b>			12704		1600	150	12554	20160		0	20160	25200	23725			11079	1750	12829
<b>ESTIMATE ADDITIONAL UNDERCUT</b>					700												700	700
<b>PROJECT TOTALS</b>			12704		2300	150	12554	20160		0	20160	25200	23725			11079	2450	13529
<b>EST 5% FOR REPLACING TOPSOIL ON BORROW PITS</b>													1186					
<b>GRAND TOTALS</b>			12704		2300	150	12554	20160		0	20160	25200	24911			11079	2450	13529
<b>SAY</b>			<b>12800</b>		<b>2300</b>								<b>25000</b>					
ESTIMATED SELECT GRANULAR MATERIAL					2300	CY												

\* 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.