

# Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5947

COUNTY: Nash

DATE: 12/9/2021

COMPILED BY: REO

SHEET \_\_ OF \_\_ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL
-LREV- 11+23.00	BEG. BRIDGE 22+25.50	281				281	14,459		14,459	18,074	17,793				
-DR1- 10+14.09	15+62.09	50				50	4,681		4,681	5,851	5,801				
	<b>SUBTOTAL</b>	<b>331</b>				<b>331</b>	<b>19,140</b>		<b>19,140</b>	<b>23,925</b>	<b>23,594</b>				
-LREV- 25+55.50	36+94.94	437				437	18,336		18,336	22,920	22,483				
End Bridge	<b>SUBTOTAL</b>	<b>437</b>				<b>437</b>	<b>18,336</b>		<b>18,336</b>	<b>22,920</b>	<b>22,483</b>				
<b>TOTAL</b>		<b>768</b>				<b>768</b>	<b>37,476</b>		<b>37,476</b>	<b>46,845</b>	<b>46,077</b>				
<b>PROJECT TOTAL</b>		<b>768</b>				<b>768</b>	<b>37,476</b>		<b>37,476</b>	<b>46,845</b>	<b>46,077</b>				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											2,304				
<b>GRAND TOTAL</b>		<b>768</b>				<b>768</b>	<b>37,476</b>		<b>37,476</b>	<b>46,845</b>	<b>48,381</b>				
SAY		800									49,000				

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

PER GEOTECH RECOMMENDATIONS  
 UNDERCUT EXCAVATION = 300 CY  
 SELECT GRANULAR MATERIAL = 300 CY  
 GEOTEXTILE FOR SOIL STABILIZATION = 600 SY

SHALLOW UNDERCUT = 100 CY  
 CLASS IV SUBGRADE STABILIZATION = 300 TONS  
 DDE = 710 CY