

# Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-6020

COUNTY: Granville

DATE: 5/3/2024

COMPILED BY: VML

SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW*	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK.* +20%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- 10+33.50	-L- 20+25.00	842		580		842	4,064		4,064	5,573	4,731			580	580
-Y1- 12+00.00	-Y1- 21+27.74	971				971	875		875	1,050	79				
-Y2- 10+23.50	-Y2- 12+75.00	176				176	631		631	757	581				
-Y2- 14+90.00	-Y2- 16+45.36	25				25	33		33	40	15				
-RPA- 10+00.00	-RPA- 11+17.33	66				66							66		66
-RPB- 10+00.00	-RPB- 11+21.39	70				70							70		70
-DRW1- 10+00.00	-DRW1- 10+57.00	124				124	3		3	4			120		120
-DRW2- 10+27.27	-DRW2- 11+05.00	14				14	87		87	104	90				
-DRW3- 10+25.14	-DRW3- 11+05.00	17				17	81		81	97	80				
-DRW4- 10+00.00	-DRW4- 10+71.56	11				11	67		67	80	69				
<b>SUBTOTAL</b>		2,316		580		2,316	5,841		5,841	7,705	5,646		256	580	836
<b>TOTAL</b>		2,316		580		2,316	5,841		5,841	7,705	5,646		256	580	836
MATERIAL FOR SHOULDER CONSTRUCTION							700		700	840	840				
LOSS DUE TO CLEARING & GRUBBING		-400				-400					400				
ADDITIONAL UNDERCUT				500						600	600			500	500
SELECT GRANULAR MAT'L IN LIEU OF BORROW										-1,296	-1,296				
ADJUST FOR ROCK WASTE															
WASTE IN LIEU OF BORROW											-256		-256		-256
<b>PROJECT TOTAL</b>		1,916		1,080		1,916	6,541		6,541	7,849	5,933			1,080	1,080
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											297				
<b>GRAND TOTAL</b>		1,916		1,080		1,916	6,541		6,541	7,849	6,230			1,080	1,080
<b>SAY</b>		2,110									6,860				

\* INCLUDES BACKFILL FOR UNDERCUT

EST. DDE = 1980 CY

PER GEOTECHNICAL RECOMMENDATIONS:

SELECT GRANULAR MATERIAL = 2600 CY TOTAL (500 CY CONTINGENCY + 2100 CY -L- STA 10+75 TO 13+25)

GEOTEXTILE FOR SOIL STABILIZATION = 2600 SY TOTAL (500 SY CONTINGENCY + 2100 SY -L- STA 10+75 TO 13+25)

(SEE SHEET 3G-1 FOR OTHER GEOTECHNICAL SUMMARIES)

BALANCE EARTHWORK CHECK			
TOTAL UNCL. EXC:	1,916	EMB + %:	7,849
UNDERCUT EXC:	1,080	TOTAL WASTE:	1,080
BORROW EXC:	5,933		
<b>TOTAL:</b>	<b>8,929</b>	<b>TOTAL:</b>	<b>8,929</b>