

EARTHWORK SUMMARY

Volumes in Cubic Yards

PROJECT: B-5869

COUNTY

SHEET 1 OF 1 SHEETS

RD10S01C

LINE	STATION	STATION	TOTAL EXCAV. (UNCL.)	ROCK EXCAV.	UNDERCUT	UNSUIT. EXCAV.	SUITABLE EXCAV.	TOTAL EMB.	ROCK EMB.	EARTH EMB.	EMBANK. +15%	BORROW	SUITABLE WASTE	UNSUIT. WASTE	TOTAL WASTE
DET	10+00.00	16+55.00	257				257	9,349		9,349	10,751	10,494			
DET	18+72.00	23+18.52	112				112	5,111		5,111	5,878	5,766			
SUBTOTAL			369				369	14,460		14,460	16,629	16,260			
L	12+50.00	21+12.20	231				231	7,405		7,405	8,516	8,285			
SUBTOTAL			231				231	7,405		7,405	8,516	8,285			
L	22+38.20	36+00.00	79				79	7,951		7,951	9,144	9,065			
DR	10+30.00	14+00.00	61				61	2,800		2,800	3,220	3,159			
DR1	10+36.00	13+00.00	48				48	302		302	347	299			
SUBTOTAL			188				188	11,053		11,053	12,711	12,523			
DETOUR REMOVAL			13,687				13,687						13,687		13,687
SUBTOTAL			13,687				13,687						13,687		13,687
PROJECT SUBTOTAL			14,475				14,475	32,918		32,918	37,856	37,068	13,687		13,687
ADDITIONAL UNDERCUT															
SHOULDER MATERIAL															
WASTE IN LIEU OF BORROW															
LOSS DUE TO CLEARING & GRUBBING			-120				-120					120			
PROJECT TOTAL			14,355				14,355	32,918		32,918	37,856	37,188	13,687		13,687
EST 5% TO REPLACE TOP SOIL ON BORROW PIT												1,860			
GRAND TOTAL:			14,355				14,355	32,918		32,918	37,856	39,048	13,687		13,687
SAY:			15,100									41,100			

THE FOLLOWING QUANTITIES ARE PER THE "GEOTECHNICAL-DESIGN AND CONSTRUCTION RECOMMENDATIONS" LETTER DATED FEBRUARY 12, 2020

Contingency Undercut = 550 CY

Contingency Select Granular Material = 1,000 CY

Estimated DDE = 1,650 CY