Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: R-4463A COUNTY: Craven DATE: 4/22/2025 COMPILED BY: Mumpower, Carson

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																
-Y-	14+40.00	47+06.23	10,711			175	10,536	8,594		8,594	11,172	636			175	175
-Y1-	10+40.00	12+75.00	277				277	635		635	826	549				
-DR1-	10+00.00	13+17.04	192				192	593		593	771	579				
-DET-	38+80.00	48+25.00	257				257	542		542	705	448				
-DET- REMOVAL	38+80.00	48+25.00	761				761							761		761
SUBTOTAL			12,198			175	12,023	10,364		10,364	13,474	2,212		761	175	936
SUMMARY 2																
-L-	10+25.49	40+50.00	9,672		7,090	1,977	7,695	44,361		44,361	57,669	49,974			9,067	9,067
-Y2-	10+39.00	11+75.00	11				11	164		164	213	202				
-DET_2-	11+03.05	12+06.48	1				1	221		221	287	286				
-Y3-	10+25.00	11+86.06	24				24	176		176	229	205				
-Y4-	10+39.01	12+00.00	44				44	116		116	151	107				
DET_2- REMOVA	11+03.05	12+06.48	268				268							268		268
SUBTOTAL			10,020		7,090	1,977	8,043	45,038		45,038	58,549	50,774		268	9,067	9,335
SUMMARY 3																
-L-	40+50.00	70+50.00	4,337		15,332	2,693	1,644	99,550		99,550	129,415	127,771			18,025	18,025
SUBTOTAL			4,337		15,332	2,693	1,644	99,550		99,550	129,415	127,771			18,025	18,025
SUMMARY 4																
-L-	70+50.00	100+50.00	5,258		5,309	1,582	3,676	65,024		65,024	84,531	80,855			6,891	6,891
SUBTOTAL			5,258		5,309	1,582	3,676	65,024		65,024	84,531	80,855			6,891	6,891
SUMMARY 5																
-L-	100+50.00	131+46.40	5,546				5,546	7,191		7,191	9,348	3,802				
SUBTOTAL			5,546				5,546	7,191		7,191	9,348	3,802				
SHEET TOTALS			37,359		27,731	6,427	30,932	227,167		227,167	295,317	265,414		1,029	34,158	35,187

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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	37,359		27,731	6,427	30,932	227,167		227,167	295,317	265,414		1,029	34,158	35,187
SHEET TOTALS	37,359		27,731	6,427	30,932	227,167		227,167	295,317	265,414		1,029	34,158	35,187
LOSS DUE TO CLEARING AND GRUBBING	-800				-800					800				
MATERIAL FOR SHOULDER CONSTRUCTION						11,700		11,700	15,210	15,210				
ADDITIONAL UNDERCUT (PER GEOTECH)			5,050			5,050		5,050	6,565	6,565			5,050	5,050
SELECT GRANULAR MATERIAL (PER GEOTECH)						-5,200		-5,200	-6,760	-6,760				
EARTH WASTE IN LIEU OF BORROW										-1,029		-1,029		-1,029
PROJECT TOTAL	36,559		32,781	6,427	30,132	238,717		238,717	310,332	280,200			39,208	39,208
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										14,010				
GRAND TOTAL	36,559		32,781							294,210				
SAY	36,560		32,850							294,210				
DRAINAGE DITCH EXCAVATION	4,300	CY												
SHALLOW UNDERCUT	500	CY												
PAVEMENT STRUCTURE VOLUME	21,700	CY												