



CALCULATIONS

Project:	2022-0438	Submittal:	Final
	PID No. 117244	Date:	Dec 11, 2025
	GAL-850-0.22, GAL-850-3.51	By:	IMJ
		Checked:	CLP

Excavation of Subgrade Calculations

NEW CONSTRUCTION = YES ☐

CONTINGENCY = 0%

		Quantity	Unit
ITEM NO. 204	EXCAVATION OF SUBGRADE	7623	CU YD
ITEM NO. 204	GRANULAR MATERIAL, TYPE C	7623	CU YD
ITEM NO. 204	GEOTEXTILE FABRIC, TYPE D	25303	SQ YD
ITEM NO. 204	PROOF ROLLING	9	HOURS



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Excavation of Subgrade Calculations

STATION	STATION	LENGTH FT	WIDTH FT	CUT END AREA SF	FILL END AREA SF	DESCRIPTION	ITEM NO. 204 EOTEXTILE FABRI		ITEM NO. 204 EXCAV OF SUBGRADE		ITEM NO. 204 GRANULAR MATERIAL	
							SUBTOTAL	UNIT	SUBTOTAL	UNIT	SUBTOTAL	UNIT
11+59.28	13+98.94	239.66	33.0	33	33	Full Depth - SR 850 S	878.8	SY	292.7	CY	292.7	CY
13+98.94	28+94.21	1495.27	15.0	15	15	Widening - SR 850 S	2492.1	SY	829.7	CY	829.7	CY
28+94.21	31+98.40	304.19	33.0	33	33	Full Depth - SR 850 S	1115.4	SY	371.5	CY	371.5	CY
38+90.40	49+05.50	1015.10	15.0	15	15	Widening - SR 850 S	1691.8	SY	563.3	CY	563.3	CY
49+05.50	50+55.58	150.08	33.0	33	33	Full Depth - SR 850 S	550.3	SY	183.3	CY	183.3	CY
50+55.58	61+11.53	1055.95	15.0	15	15	Widening - SR 850 S	1759.9	SY	585.9	CY	585.9	CY
61+11.53	63+79.89	268.36	33.0	33	33	Full Depth - SR 850 S	984.0	SY	327.8	CY	327.8	CY
68+29.77	87+57.96	1928.19	15.0	15	15	Widening - SR 850 S	3213.7	SY	1069.9	CY	1069.9	CY
87+57.96	90+77.30	319.34	33.0	33	33	Full Depth - SR 850 S	1170.9	SY	390.0	CY	390.0	CY
93+22.58	96+83.35	360.77	15.0	15	15	Widening - SR 850 S	601.3	SY	200.2	CY	200.2	CY
10+11.00	10+50.00	39.00	7.0	9	9	Widening - Scarlet	30.3	SY	13.0	CY	13.0	CY
10+11.00	10+40.00	29.00	7.0	9	9	Widening - Timothy	22.6	SY	9.7	CY	9.7	CY
10+11.00	10+62.00	51.00	33.0	33	33	Full Depth - CR 37	187.0	SY	62.3	CY	62.3	CY
7+72.50	9+88.76	216.26	33.0	33	33	Full Depth - CR 39	792.9	SY	264.1	CY	264.1	CY
10+11.07	10+50.00	38.93	7.0	9	9	Widening - TR 445	30.3	SY	13.0	CY	13.0	CY
185+90.00	214+82.14	2892.14	11.5	12	12	Widening - SR 850 N	3695.5	SY	1232.4	CY	1232.4	CY
215+00.30	243+50.00	2849.70	11.5	12	12	Widening - SR 850 N	3641.3	SY	1214.3	CY	1214.3	CY
		13252.94	20.6	20.9	20.9			SY		CY		CY
TOTALS							22858	SY	7623	CY	7623	CY