

Location	Earth Excavation		Embankment	Earthwork Balance Waste (+)/Shortage (-)
	Earth Excavation	Adj. for Shrinkage		
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
S. N. 015-0049 FM 839+25 TO 844+00	101.0	75.75	78.0	-2.3
S. N. 015-0048 FM 949+00 TO 953+75	46.0	34.5	227.0	-192.5
S. N. 015-0044 FM 1001+75 TO 1006+25	26.0	19.5	122.0	-102.5
S. N. 015-0046 FM 1135+25 TO 1139+50	1.0	0.8	304.0	-302.2
S. N. 015-0033 FM 1195+50 TO 1199+75	148.0	111.0	38.0	+73
FM LT 840+08.14 TO 815+23.37 (STA. EQUATION)	0.0	0.0	20.5	-20.5
FM RT 833+83.26 TO 836+83.73	0.0	0.0	19.5	-19.5
FM LT 836+79.78 TO 839+74.33	0.0	0.0	19.1	-19.1
FM RT 838+55.70 TO 841+64.61	0.0	0.0	19.7	-19.7
FM LT 841+35.40 TO 844+48.03	0.0	0.0	19.5	-19.5
FM RT 845+03.50 TO 848+00.52	0.0	0.0	19.3	-19.3
FM LT 848+35.54 TO 851+32.54	0.0	0.0	19.3	-19.3
FM RT 853+23.51 TO 856+30.04	0.0	0.0	19.4	-19.4
FM RT MED. 854+15.06 TO 856+45.12	0.0	0.0	3.9	-3.9
FM LT MED. 858+00.00 TO 860+31.44	0.0	0.0	3.8	-3.8
FM LT 858+15.28 TO 861+22.92	0.0	0.0	19.7	-19.7
FM RT 903+85.84 TO 907+05.94	0.0	0.0	19.9	-19.9
FM LT 906+97.72 TO 910+19.72	0.0	0.0	20.0	-20.0
FM RT 930+71.88 TO 933+93.91	0.0	0.0	20.0	-20.0
FM LT 934+12.67 TO 937+34.68	0.0	0.0	20.0	-20.0
FM RT 948+15.68 TO 951+31.65	0.0	0.0	19.9	-19.9
FM LT 951+43+40 TO 954+59.64	0.0	0.0	19.9	-19.9
FM RT 1000+99.21 TO 1004+70.17	0.0	0.0	20.8	-20.8
FM LT 1003+47.30 TO 1007+18.27	0.0	0.0	20.9	-20.9
FM RT 1034+95.19 TO 1038+04.69	0.0	0.0	19.7	-19.7
FM LT 1038+00.44 TO 1041+09.94	0.0	0.0	19.7	-19.7
FM RT 1053+89.37 TO 1057+11.36	0.0	0.0	20.0	-20.0
FM LT 1056+93.33 TO 1060+15.32	0.0	0.0	19.9	-19.9
FM RT 1089+01.78 TO 1092+23.78	0.0	0.0	20.0	-20.0
FM LT 1092+92.22 TO 1096+14.22	0.0	0.0	20.0	-20.0
FM RT 1115+88.24 TO 1118+86.44	0.0	0.0	19.5	-19.5
FM LT 1117+28.27 TO 1120+21.75	0.0	0.0	19.4	-19.4
FM RT 1134+46.28 TO 1137+66.18	0.0	0.0	20.0	-20.0
FM LT 1137+25.98 TO 1140+38.55	0.0	0.0	19.8	-19.8
COLUMN TOTAL				-1142.6

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	Earth Excavation	Adj. for Shrinkage		
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
FM RT 1172+13.39 TO 1175+14.21	0.0	0.0	19.6	-19.6
FM RT MED. 1172+88.46 TO 1175+23.81	0.0	0.0	3.8	-3.8
FM LT MED. 1176+39.18 TO 1178+71.05	0.0	0.0	3.8	-3.8
FM LT 1176+47.08 TO 1179+54.41	0.0	0.0	19.7	-19.7
FM RT 1194+53.30 TO 1197+69.55	0.0	0.0	19.8	-19.8
FM LT 1197+16.59 TO 1200+32.84	0.0	0.0	19.9	-19.9
FM RT 1201+72.26 TO 1204+88.68	0.0	0.0	19.0	-19.0
FM RT MED. 1202+47.79 TO 1204+88.42	0.0	0.0	3.7	-3.7
FM LT MED. 1206+03.71 TO 1208+43.47	0.0	0.0	3.7	-3.7
FM LT 1206+04.38 TO 1209+24.04	0.0	0.0	20.0	-20.0
FM RT 1233+07.07 TO 1236+00.71	0.0	0.0	19.4	-19.4
FM LT 1236+18.43 TO 1239+18.82	0.0	0.0	19.8	-19.8
FM RT 1278+32.99 TO 1281+49.24	0.0	0.0	19.8	-19.8
FM LT 1281+61.75 TO 1284+77.98	0.0	0.0	19.9	-19.9
FM RT 1292+08.54 TO 1295+05.55	0.0	0.0	19.5	-19.5
FM LT 1294+99.92 TO 1297+96.92	0.0	0.0	19.5	-19.5
COLUMN TOTAL				-250.9
PROJECT TOTAL				-1393.5

EXCAVATING AND GRADING EXISTING SHOULDER

LOCATION	UNIT	LOCATION	UNIT	LOCATION	UNIT
841+07.00 TO 841+64.63	2.3	1058+56.00 TO 1115+85.09	229.2	1196+00.07 TO 1196+15.11	0.6
841+64.63 = 813+20.49	STA. EQ	1115+85.09 TO 1116+55.00	2.8	1196+15.11 TO 1196+69.91	2.2
813+20.49 TO 846+44.94	133.0	1116+55.00 TO 1116+70.00	0.6	1196+69.91 TO 1198+10.00	5.6
846+44.94 TO 847+15.00	2.8	1116+70.00 TO 1117+40.00	2.8	1198+10.00 TO 1198+62.00	2.1
847+15.00 TO 848+85.00	0.0	1117+40.00 TO 1118+70.00	5.2	1198+62.00 TO 1199+32.00	2.8
848+85.00 TO 849+54.95	2.8	1118+70.00 TO 1119+40.00	2.8	1199+32.00 TO 1200+90.00	6.3
849+54.95 TO 855+14.36	22.4	1119+40.00 TO 1119+60.00	0.8	1200+90.00 TO 1203+40.75	10.0
855+14.36 TO 856+64.32	6.0	1119+60.00 TO 1120+30.00	2.8	1203+40.75 TO 1204+61.20	4.8
856+64.32 TO 857+81.84	4.7	1120+30.00 TO 1133+17.92	51.5	1204+61.20 TO 1206+33.92	0.0
857+81.84 TO 859+31.69	6.0	1133+17.92 TO 1133+58.00	1.6	1206+33.92 TO 1207+54.41	4.8
859+31.69 TO 870+27.91	43.8	1133+58.00 TO 1133+88.00	1.2	1207+54.41 TO 1267+47.50	239.7
870+27.91 TO 871+25.20	3.9	1133+88.00 TO 1134+28.01	1.6	1267+47.50 TO 1268+60.00	4.5
871+25.20 TO 877+44.47	24.8	1134+28.01 TO 1140+58.00	25.2	TOTAL 2046.5	
877+44.47 TO 878+41.20	3.9	1140+58.00 TO 1140+98.00	1.6		
878+41.20 TO 923+41.13	180.0	1140+98.00 TO 1141+27.84	1.2		
923+41.13 TO 924+38.63	3.9	1141+27.84 TO 1141+68.00	1.6		
924+38.63 TO 927+35.49	11.9	1141+68.00 TO 1173+76.13	128.3		
927+35.49 TO 928+32.99	3.9	1173+76.13 TO 1175+33.62	6.3		
928+32.99 TO 1055+43.99	508.4	1175+33.62 TO 1176+26.11	0.0		
1055+43.99 TO 1056+13.99	2.8	1176+26.11 TO 1177+83.62	6.3		
1056+13.99 TO 1057+86.00	6.9	1177+83.62 TO 1193+35.00	302.1		
1057+86.00 TO 1058+56.00	2.8	1193+35.00 TO 1196+00.07	10.6		