

Greg05X0 - Mainline Earthwork

SD 44 - West of Bridge - Mainline Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
848+00.00 R2										
849+00.00 R2	4,747			4,747	4			1.3	5	4,742
850+00.00 R2	16,318	361		16,679	4	361		1.3	475	20,946
851+00.00 R2	23,587	722		24,309	1	722		1.3	940	44,315
852+00.00 R2	20,516	720		21,236	0	720		1.3	936	64,615
853+00.00 R2	11,931	685		12,616	36	685		1.3	937	76,294
854+00.00 R2	4,324	649		4,973	113	649		1.3	990	80,277
855+00.00 R2	1,331	655		1,986	115	655		1.3	1,001	81,262
856+00.00 R2	546	653	67	1,266	182	653	67	1.3	1,172	81,356
857+00.00 R2	1,780	667	67	2,514	156	667	67	1.3	1,157	82,713
858+00.00 R2	11,617	694		12,311	24	694		1.3	933	94,091
859+00.00 R2	16,693	707		17,400	11	707		1.3	933	110,558
860+00.00 R2	6,927	600	204	7,731	195	600	204	1.3	1,299	116,990
861+00.00 R2	758	429	312	1,499	396	429	312	1.3	1,478	117,011
862+00.00 R2	12,037	414	108	12,559	344	414	108	1.3	1,127	128,443
863+00.00 R2	25,536	420		25,956	367	420		1.3	1,023	153,376
864+00.00 R2	25,734	376		26,110	536	376		1.3	1,185	178,301
865+00.00 R2	19,112	377		19,489	623	377		1.3	1,300	196,490
866+00.00 R2	10,100	401		10,501	615	401		1.3	1,321	205,670
866+90.02 R2	2,542	185	162	2,889	775	185	162	1.3	1,459	207,101
867+00.00 R2	16	0	37	53	130	0	37	1.3	217	206,937
868+00.00 R2	711	170	189	1,070	1,165	170	189	1.3	1,981	206,026
869+00.00 R2	1,350	306		1,656	851	306		1.3	1,504	206,178
870+00.00 R2	1,309	208		1,517	1,011	208		1.3	1,585	206,110
871+00.00 R2	760	72		832	2,034	72		1.3	2,738	204,204
872+00.00 R2	124	0	507	631	4,847	0	507	1.3	6,960	197,875
873+00.00 R2										
874+00.00 R2										
875+00.00 R2										
<i>Earthwork considered Bridge Berm</i>										
Sub-total	220,406	10,471	1,654	232,531	14,534	10,471	1,654		34,657	

SD 44 - East of Bridge - Mainline Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
933+50.00 R2										
934+00.00 R2										
935+00.00 R2										
<i>Earthwork considered Bridge Berm</i>										
936+00.00 R2	41	18		59	1,708	18		1.3	2,244	-2,185
937+00.00 R2	281	261		542	578	261		1.3	1,091	-2,734
938+00.00 R2	1,175	646		1,821	146	646		1.3	1,029	-1,942
939+00.00 R2	2,682	821		3,503	0	821		1.3	1,067	494
940+00.00 R2	4,273	841		5,114	0	841		1.3	1,093	4,515
941+00.00 R2	5,189	847		6,036	0	847		1.3	1,101	9,450
942+00.00 R2	7,922	847		8,769	0	847		1.3	1,101	17,118
943+00.00 R2	13,634	847		14,481	0	847		1.3	1,101	30,498
944+00.00 R2	15,155	847		16,002	0	847		1.3	1,101	45,399
945+00.00 R2	13,692	849		14,541	0	849		1.3	1,104	58,836
946+00.00 R2	13,999	854		14,853	0	854		1.3	1,110	72,579
947+00.00 R2	13,943	428		14,371	0	428		1.3	556	86,394
947+17.64 R2	2,397	0		2,397	0	0		1.3	0	88,791
948+00.00 R2	9,056	353		9,409	0	353		1.3	459	97,741
949+00.00 R2	4,615	428	581	5,624	2,036	428	581	1.3	3,203	100,163
950+00.00 R2	826	13	1,123	1,962	3,531	13	1,123	1.3	4,607	97,517
951+00.00 R2	2,150	43	908	3,101	2,793	43	908	1.3	3,687	96,931
952+00.00 R2	5,042	220	622	5,884	1,702	220	622	1.3	2,831	99,983
953+00.00 R2	5,521	221	539	6,281	954	221	539	1.3	2,228	104,037
954+00.00 R2	3,985	225	548	4,758	783	225	548	1.3	2,023	106,771
955+00.00 R2	5,681	619	264	6,564	233	619	264	1.3	1,451	111,884
956+00.00 R2	8,207	833		9,040	0	833		1.3	1,083	119,841
957+00.00 R2	7,556	801		8,357	0	801		1.3	1,041	127,157
958+00.00 R2	5,872	409		6,281	0	409		1.3	532	132,906
958+47.35 R2	2,119	144		2,263	1	144		1.3	188	134,981
959+00.00 R2	1,754	342		2,096	18	342		1.3	467	136,610
960+00.00 R2	2,812	723		3,535	101	723		1.3	1,072	139,073
961+00.00 R2	2,621	723		3,344	122	723		1.3	1,098	141,319
962+00.00 R2	2,781	723		3,504	37	723		1.3	988	143,835
963+00.00 R2	2,373	723		3,096	0	723		1.3	940	145,991
964+00.00 R2	1,465	723		2,188	0	723		1.3	940	147,239
965+00.00 R2	809	720		1,529	0	720		1.3	936	147,832
966+00.00 R2	422	704		1,126	107	704		1.3	1,054	147,904
100+50.00 R3	354	629		983	286	629		1.3	1,190	147,697
101+00.00 R3	120	173		293	115	173		1.3	375	147,615
Sub-total	170,523	18,598	4,584	193,705	15,250	18,598	4,584		46,091	
SD 44 West of Bridge	220,406	10,471	1,654	232,531	14,534	10,471	1,654	1.3	34,657	
SD 44 East of Bridge	170,523	18,598	4,584	193,705	15,250	18,598	4,584	1.3	46,091	
SD 44 Mainline	390,929	29,069	6,238	426,236	29,784	29,069	6,238	1.3	80,748	

Greg05X0 - Sideroad Earthwork

GFP Access Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
50+00.00										
50+50.00	95	0		95	59	0		1.3	77	18
51+00.00	1,622	79		1,701	172	79		1.3	326	1,393
51+50.00	2,970	149		3,119	113	149		1.3	340	4,172
52+00.00	2,748	131		2,879	0	131		1.3	170	6,881
52+50.00	2,536	118		2,654	0	118		1.3	153	9,382
53+00.00	2,439	114		2,553	0	114		1.3	148	11,787
53+50.00	2,298	114		2,412	0	114		1.3	148	14,051
54+00.00	2,027	114		2,141	0	114		1.3	148	16,044
54+50.00	1,563	114		1,677	0	114		1.3	148	17,573
55+00.00	747	85		832	73	85		1.3	205	18,200
55+50.00	165	45		210	150	45		1.3	253	18,157
56+00.00	69	74		143	91	74		1.3	214	18,086
56+32.33	33	71		104	11	71		1.3	106	18,084
Total	19,312	1,208	0	20,520	666	1,208	0		2,436	

Boat Access Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
0+00.00										
0+50.00	4	0		4	225	0		1.3	292	-288
1+00.00	4	5		9	325	5		1.3	429	-708
1+50.00	0	5	87	92	523	5	87	1.3	800	-1,416
2+00.00	1	0	179	180	1,009	0	179	1.3	1,545	-2,781
2+50.00	2	0	188	190	1,102	0	188	1.3	1,677	-4,268
3+00.00	5	0	194	199	950	0	194	1.3	1,487	-5,556
3+50.00	14	0	157	171	677	0	157	1.3	1,084	-6,469
4+00.00	34	3	58	95	379	3	58	1.3	572	-6,946
4+50.00	61	19		80	229	19		1.3	322	-7,188
5+00.00	165	16		181	130	16		1.3	190	-7,197
5+50.00	128	0		128	38	0		1.3	49	-7,118
5+81.63	0	0		0	0	0		1.3	0	-7,118
Total	418	48	863	1,329	5,587	48	863		8,447	

Park Drive North Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
5+00.00										
5+50.00	0	0		0	0	0		1.3	0	0
6+00.00	3,500	124		3,624	0	124		1.3	161	3,463
6+50.00	2,231	124		2,355	0	124		1.3	161	5,657
6+64.87	232	0		232	0	0		1.3	0	5,889
7+00.00	439	0		439	0	0		1.3	0	6,328
7+50.00	1,374	86		1,460	0	86		1.3	112	7,676
8+00.00	1,509	173		1,682	0	173		1.3	225	9,133
8+50.00	682	173		855	0	173		1.3	225	9,763
9+00.00	301	172		473	1	172		1.3	225	10,011
9+50.00	130	169		299	5	169		1.3	226	10,084
10+00.00	55	167		222	7	167		1.3	226	10,080
10+30.48	37	100		137	8	100		1.3	141	10,076
Total	10,490	1,288	0	11,778	21	1,288	0		1,702	

Greg05X0 - Sideroad Earthwork

Park Drive South Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
15+00.00										
15+50.00	152	108		260	0	108		1.3	140	120
16+00.00	302	198		500	0	198		1.3	257	363
16+50.00	293	176		469	0	176		1.3	229	603
17+00.00	298	173		471	0	173		1.3	225	849
17+50.00	308	173		481	0	173		1.3	225	1,105
18+00.00	303	173		476	0	173		1.3	225	1,356
18+50.00	296	173		469	0	173		1.3	225	1,600
19+00.00	299	173		472	0	173		1.3	225	1,847
19+50.00	330	173		503	0	173		1.3	225	2,125
20+00.00	432	173		605	0	173		1.3	225	2,505
20+50.00	595	173		768	0	173		1.3	225	3,048
21+00.00	617	173		790	0	173		1.3	225	3,613
21+50.00	1,145	178		1,323	0	178		1.3	231	4,705
22+00.00	2,677	91		2,768	0	91		1.3	118	7,355
22+24.79	0	0		0	0	0		1.3	0	7,355
Total	8,047	2,308	0	10,355	0	2,308	0		3,000	

House Entrance Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
30+00.00										
30+50.00				0	0	0		1.3	0	0
31+00.00				0	0	0		1.3	0	0
31+50.00				0	0	0		1.3	0	0
32+00.00	138	97		235	1	97		1.3	127	108
32+50.00	626	163		789	0	163		1.3	212	685
33+00.00	690	127		817	5	127		1.3	171	1,331
33+50.00	234	121		355	28	121		1.3	194	1,492
34+00.00	63	120		183	90	120		1.3	273	1,402
34+50.00	380	131		511	67	131		1.3	258	1,655
35+00.00	807	143		950	0	143		1.3	186	2,419
35+50.00	459	72		531	0	72		1.3	93	2,857
35+61.88	0	0		0	0	0		1.3	0	2,857
Total	3,397	974	0	4,371	191	974	0		1,514	

Shop Entrance Earthwork										
Station	Normal Cut	MDC Cut	Added Cut	Total Cut	Normal Fill	MDC Fill	Added Fill	Factor	Adjusted Total Fill	Mass Ordinate
40+00.00										
40+50.00	0	0		0	0	0		1.3	0	0
41+00.00	1,140	192		1,332	0	192		1.3	250	1,082
41+50.00	908	103		1,011	93	103		1.3	255	1,838
42+00.00	378	27		405	469	27		1.3	645	1,598
42+50.00	465	2		467	972	2		1.3	1,266	799
43+00.00	224	0		224	1,428	0		1.3	1,856	-833
43+50.00	17	36		53	1,222	36		1.3	1,635	-2,415
44+00.00	37	107		144	508	107		1.3	800	-3,071
44+50.00	119	151		270	118	151		1.3	350	-3,151
45+00.00	335	158		493	0	158		1.3	206	-2,864
45+50.00	384	158		542	0	158		1.3	206	-2,528
45+83.24	99	53		152	52	53		1.3	137	-2,513
Total	4,106	987	0	5,093	4,864	987	0		7,606	