```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_Y5.inp
Output File: ear_Y5.log
 1     1     1
 1     2     2    earthwork
 1     3     3 /*   TOLERANCE = 0.01    */
 1     4     4
 1     5     5    xs dgn = R:\ROADWAY\XSC\R3421B_RDY_xsc_Y5.DGN
 1     6     6
 1     7     7       proposed finish grade
 1     8     8       soil type = unclassified
 1     9     9       type = line
 1    10    10       fill mult factor = 1.00
 1    11    11       lvname = Old_Level_2, Old_Level_3, Prop XS Finish Grade
Earthwork, Prop XS Finish Grade Pavement
 1    12    12
 1    13    13       existing ground line
 1    14    14       soil type = unclassified
 1    15    15       type = line, line_string
 1    16    16       lvname = Old_Level_60
 1    17    17       lvname = Exist XS Ground Line
 1    18    18
 1    19    19       write earthwork shapes
 1    20    20         plot parameters
 1    21    21            lvname = prop xs earthwork shape
 1    22    22            co = 1
 1    23    23            stratify shape color
 1    24    24
 1    25    25       process earthwork for baseline = Y5
 1    26    26       job number = RDY
 1    27    27       beg station = 10+00 R 1
 1    28    28       end station = 40+00 R 1
 1    29    29
 1    30    30
 1    31    31
 1    32    32
 1    33    33
 1    34    34
 1    35    35
 0     0    36 END_OF_FILE
COMPUTING EARTHWORKS FOR BASELINE = Y5
COMPUTING EARTHWORKS FOR JOB = RDY
FORMING LIST OF XSCELLS
BEGINNING EARTHWORKS COMPUTATION
```

Station	Material Name	End Areas (sq. ft.)	Unadjusted Volumes (cu. yd.)	Adjusted Volumes (cu. yd.)	Mult Factor	Mass Ordinate

10+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.90	0	0	1.00	0
10+50.00	UNCLASSIFIED					
	Common Exc	33.39	31	31	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	25.65	25	25	1.00	6
11+00.00	UNCLASSIFIED					
	Common Exc	88.61	113	113	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	52.04	72	72	1.00	47
11+50.00	UNCLASSIFIED					
	Common Exc	86.79	162	162	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	71.30	114	114	1.00	95
12+00.00	UNCLASSIFIED					
	Common Exc	80.10	155	155	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	92.68	152	152	1.00	98
12+50.00	UNCLASSIFIED					
	Common Exc	58.25	128	128	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	88.10	167	167	1.00	59
13+00.00	UNCLASSIFIED					
	Common Exc	54.19	104	104	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	102.37	176	176	1.00	-13
13+50.00	UNCLASSIFIED					
	Common Exc	72.32	117	117	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	56.24	147	147	1.00	-43

14+00.00	UNCLASSIFIED					
	Common Exc	62.06	124	124	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	48.52	97	97	1.00	-16
14+50.00	UNCLASSIFIED					
	Common Exc	40.55	95	95	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	68.63	108	108	1.00	-29
15+00.00	UNCLASSIFIED					
	Common Exc	49.66	84	84	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	72.79	131	131	1.00	-76
15+50.00	UNCLASSIFIED					
	Common Exc	46.27	89	89	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	66.58	129	129	1.00	-116
16+00.00	UNCLASSIFIED					
	Common Exc	31.85	72	72	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	42.95	101	101	1.00	-145
16+50.00	UNCLASSIFIED					
	Common Exc	5.97	35	35	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	12.91	52	52	1.00	-162
17+00.00	UNCLASSIFIED					
	Common Exc	43.66	46	46	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	44.52	53	53	1.00	-169
17+50.00	UNCLASSIFIED					
	Common Exc	0.00	40	40	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	109.24	142	142	1.00	-271

18+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	323.33	401	401	1.00	-672
18+50.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	571.18	828	828	1.00	-1500
19+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	790.64	1261	1261	1.00	-2761
19+50.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1037.85	1693	1693	1.00	-4454
20+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1159.41	2035	2035	1.00	-6489
20+50.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1309.64	2286	2286	1.00	-8775
21+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1587.68	2683	2683	1.00	-11458
21+50.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1793.75	3131	3131	1.00	-14589

22+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2149.44	3651	3651	1.00	-18240
22+50.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2390.45	4204	4204	1.00	-22444
23+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2155.21	4209	4209	1.00	-26653
23+50.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1457.60	3345	3345	1.00	-29998
24+00.00	UNCLASSIFIED					
	Common Exc	0.00	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1071.19	2341	2341	1.00	-32339
24+50.00	UNCLASSIFIED					
	Common Exc	22.15	21	21	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	792.23	1725	1725	1.00	-34043
25+00.00	UNCLASSIFIED					
	Common Exc	0.00	21	21	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	272.06	985	985	1.00	-35007
25+50.00	UNCLASSIFIED					
	Common Exc	287.72	266	266	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	252	252	1.00	-34993

26+00.00	UNCLASSIFIED					
	Common Exc	632.93	852	852	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-34141
26+50.00	UNCLASSIFIED					
	Common Exc	861.15	1383	1383	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-32758
27+00.00	UNCLASSIFIED					
	Common Exc	1158.53	1870	1870	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-30888
27+50.00	UNCLASSIFIED					
	Common Exc	1234.70	2216	2216	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-28672
28+00.00	UNCLASSIFIED					
	Common Exc	871.13	1950	1950	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-26722
28+50.00	UNCLASSIFIED					
	Common Exc	756.09	1507	1507	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-25215
29+00.00	UNCLASSIFIED					
	Common Exc	984.21	1611	1611	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-23604
29+50.00	UNCLASSIFIED					
	Common Exc	1211.96	2033	2033	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-21571

30+00.00	UNCLASSIFIED					
	Common Exc	1804.51	2793	2793	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-18778
30+50.00	UNCLASSIFIED					
	Common Exc	1730.76	3273	3273	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-15505
31+00.00	UNCLASSIFIED					
	Common Exc	1387.21	2887	2887	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	0	0	1.00	-12618
31+50.00	UNCLASSIFIED					
	Common Exc	782.23	2009	2009	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	64.50	60	60	1.00	-10669
32+00.00	UNCLASSIFIED					
	Common Exc	292.04	995	995	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	434.74	462	462	1.00	-10136
32+50.00	UNCLASSIFIED					
	Common Exc	134.24	395	395	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	687.32	1039	1039	1.00	-10780
33+00.00	UNCLASSIFIED					
	Common Exc	52.77	173	173	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	954.91	1521	1521	1.00	-12128
33+50.00	UNCLASSIFIED					
	Common Exc	20.89	68	68	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1038.22	1845	1845	1.00	-13905

34+00.00	UNCLASSIFIED					
	Common Exc	11.91	30	30	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	905.18	1799	1799	1.00	-15674
34+50.00	UNCLASSIFIED					
	Common Exc	1.31	12	12	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	473.55	1277	1277	1.00	-16939
35+00.00	UNCLASSIFIED					
	Common Exc	31.85	31	31	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	49.38	484	484	1.00	-17392
35+50.00	UNCLASSIFIED					
	Common Exc	13.21	42	42	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	60.07	101	101	1.00	-17451
36+00.00	UNCLASSIFIED					
	Common Exc	10.80	22	22	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	159.85	204	204	1.00	-17633
36+50.00	UNCLASSIFIED					
	Common Exc	41.46	48	48	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	132.14	270	270	1.00	-17855
37+00.00	UNCLASSIFIED					
	Common Exc	87.64	120	120	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	19.26	140	140	1.00	-17875
37+50.00	UNCLASSIFIED					
	Common Exc	86.04	161	161	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	13.14	30	30	1.00	-17744

38+00.00	UNCLASSIFIED					
	Common Exc	80.38	154	154	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	13.33	25	25	1.00	-17615
38+50.00	UNCLASSIFIED					
	Common Exc	87.67	156	156	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	19.52	30	30	1.00	-17489
39+00.00	UNCLASSIFIED					
	Common Exc	60.94	138	138	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	30.63	46	46	1.00	-17397
39+50.00	UNCLASSIFIED					
	Common Exc	76.94	128	128	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	9.24	37	37	1.00	-17306
40+00.00	UNCLASSIFIED					
	Common Exc	92.94	157	157	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	6.85	15	15	1.00	-17164

G R A N D S U M M A R Y T O T A L S

Material Name		Unadjusted Volumes (cu. yd.)	Adjusted Volumes (cu. yd.)	Mult Factor
UNCLASSIFIED				
	Common Exc	28917	28917	1.00
	Subgrade Exc	0	0	1.00
	Subsoil Exc	0	0	1.00
	Fill	46081	46081	1.00