```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_L-4.inp
Output File: ear_L_218-248.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_L.DGN
 1     6     6
 1     7     7       proposed finish grade
 1     8     8         soil type = unclassified
 1     9     9         type = line, line_string
 1    10    10         fill mult factor = 1.00
 1    11    11         lvname = Old_Level_2, Old_Level_3, Scratch_Level_8, Prop XS
Finish Grade Earthwork, Prop XS Finish Grade Pavement, Prop XS Finish Grade, Prop XS
Subgrade Earthwork, Pattern 30, Pattern 32, Pattern 34, Pattern 36
 1    12    12
 1    13    13
 1    14    14       existing ground line
 1    15    15         soil type = unclassified
 1    16    16         type = line, line_string
 1    17    17         lvname = Old_Level_60
 1    18    18  lvname = Exist XS Ground Line
 1    19    19
 1    20    20       write earthwork shapes
 1    21    21          plot parameters
 1    22    22            lvname = Prop XS Earthwork Shape
 1    23    23
 1    24    24            stratify shape color
 1    25    25
 1    26    26       process earthwork for baseline = L
 1    27    27       job number = RDY
 1    28    28       beg station = 218+00 R 1
 1    29    29       end station = 248+00 R 1
 0     0    30 END_OF_FILE
COMPUTING EARTHWORKS FOR BASELINE = L
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
218+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	17534.47	0	0	1.00	0

218+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	15919.85	30976	30976	1.00	-30976
219+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	15402.51	29002	29002	1.00	-59978
219+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	13385.63	26656	26656	1.00	-86634
220+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	11296.44	22854	22854	1.00	-109488
220+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	10192.21	19897	19897	1.00	-129385
221+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	9834.61	18543	18543	1.00	-147928
221+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	9527.89	17928	17928	1.00	-165856
222+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	9827.30	17921	17921	1.00	-183777

222+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	9786.27	18161	18161	1.00	-201938
223+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	10745.84	19011	19011	1.00	-220949
223+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	13067.10	22049	22049	1.00	-242998
224+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	14912.89	25907	25907	1.00	-268905
224+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	16548.14	29131	29131	1.00	-298036
225+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	18183.14	32159	32159	1.00	-330195
225+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	19901.38	35263	35263	1.00	-365458
226+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	21305.84	38155	38155	1.00	-403613

226+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	21079.53	39246	39246	1.00	-442859
227+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	18595.90	36737	36737	1.00	-479596
227+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	16628.21	32615	32615	1.00	-512211
228+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	15714.56	29947	29947	1.00	-542158
228+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	16210.34	29560	29560	1.00	-571718
229+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	17077.88	30822	30822	1.00	-602540
229+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	17887.37	32375	32375	1.00	-634915
230+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	18822.20	33990	33990	1.00	-668905

230+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	19108.51	35121	35121	1.00	-704026
231+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	18773.80	35076	35076	1.00	-739102
231+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	17247.75	33353	33353	1.00	-772455
232+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	14972.74	29834	29834	1.00	-802289
232+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	13733.34	26580	26580	1.00	-828869
233+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	14506.58	26148	26148	1.00	-855017
233+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	17920.40	30025	30025	1.00	-885042
234+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	18651.44	33863	33863	1.00	-918905

234+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	19737.68	35545	35545	1.00	-954450
235+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	21431.83	38120	38120	1.00	-992570
235+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	22695.99	40859	40859	1.00	-1033429
236+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	23141.05	42442	42442	1.00	-1075871
236+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	23118.93	42833	42833	1.00	-1118704
237+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	22918.94	42628	42628	1.00	-1161332
237+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	21753.86	41364	41364	1.00	-1202696
238+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	20104.10	38757	38757	1.00	-1241453

238+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	17997.67	35279	35279	1.00	-1276732
239+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	16092.44	31565	31565	1.00	-1308297
239+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	14453.30	28283	28283	1.00	-1336580
240+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	13028.49	25446	25446	1.00	-1362026
240+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	11689.71	22887	22887	1.00	-1384913
241+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	11120.56	21121	21121	1.00	-1406034
241+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	10196.36	19738	19738	1.00	-1425772
242+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	8665.59	17465	17465	1.00	-1443237

242+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	7790.62	15237	15237	1.00	-1458474
243+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	6773.79	13486	13486	1.00	-1471960
243+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	6022.19	11848	11848	1.00	-1483808
244+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	6267.57	11379	11379	1.00	-1495187
244+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	5949.51	11312	11312	1.00	-1506499
245+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	4828.42	9980	9980	1.00	-1516479
245+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	3410.82	7629	7629	1.00	-1524108
246+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	2205.59	5200	5200	1.00	-1529308

246+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	1248.69	3198	3198	1.00	-1532506
247+00.00 UNCLASSIFIED						
	Common Exc	22.21	21	21	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	868.56	1960	1960	1.00	-1534445
247+50.00 UNCLASSIFIED						
	Common Exc	253.82	256	256	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	948.90	1683	1683	1.00	-1535872
248+00.00 UNCLASSIFIED						
	Common Exc	409.33	614	614	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	983.91	1790	1790	1.00	-1537048

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	891	891	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	1537939	1537939	1.00