```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_SR1_on_L.inp
Output File: EW_SR1_L.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 = Prop XS Finish Grade Earthwork, Prop XS Subgrade
Earthwork, Scratch_Level_9, Prop XS Finish Grade Earthwork, Prop XS Finish Grade
Pavement, Prop XS Finish Grade
 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       Excavation Limits
 1    21    21         lvname = Scratch_Level_4, Scratch_Level_2
 1    22    22
 1    23    23       write earthwork shapes
 1    24    24         plot parameters
 1    25    25            lvname = Pattern 5
 1    26    26            co = 5
 1    27    27            stratify shape color
 1    28    28
 1    29    29       Calculate only between excavation limits
 1    30    30
 1    31    31       process earthwork for baseline = L
 1    32    32         job number = RDY
 1    33    33         beg station = 142+50 R 1
 1    34    34         end station = 158+00 R 1
 1    35    35
 1    36    36       process earthwork for baseline = L
 1    37    37         job number = RDY
 1    38    38         beg station = 158+00 R 1
 1    39    39         end station = 160+50 R 1
 1    40    40
 0     0    41 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
142+50.00	UNCLASSIFIED					
	Common Exc	244.91	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	9.77	0	0	1.00	0
143+00.00	UNCLASSIFIED					
	Common Exc	758.82	929	929	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	9	9	1.00	920
143+50.00	UNCLASSIFIED					
	Common Exc	1238.65	1850	1850	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	2770
144+00.00	UNCLASSIFIED					
	Common Exc	1372.57	2418	2418	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	5188
144+50.00	UNCLASSIFIED					
	Common Exc	1302.53	2477	2477	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	7665
145+00.00	UNCLASSIFIED					
	Common Exc	1196.30	2314	2314	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	9979
145+50.00	UNCLASSIFIED					
	Common Exc	1279.94	2293	2293	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	9979

146+00.00	UNCLASSIFIED					
	Common Exc	1323.20	2410	2410	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	9979
146+50.00	UNCLASSIFIED					
	Common Exc	1028.03	2177	2177	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	16158
147+00.00	UNCLASSIFIED					
	Common Exc	768.93	1664	1664	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	17822
147+50.00	UNCLASSIFIED					
	Common Exc	134.71	837	837	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	18659
148+00.00	UNCLASSIFIED					
	Common Exc	0.00	125	125	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	932.64	864	864	1.00	17920
148+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	2877.24	3528	3528	1.00	14392
149+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	4026.93	6393	6393	1.00	7999
149+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	3981.40	7415	7415	1.00	584

150+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	4115.46	7497	7497	1.00	-6913
150+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	4091.90	7599	7599	1.00	-14512
151+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	3060.35	6622	6622	1.00	-21134
151+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	1696.32	4404	4404	1.00	-25538
152+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	813.88	2324	2324	1.00	-27862
152+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	371.16	1097	1097	1.00	-28959
153+00.00	UNCLASSIFIED					
	Common Exc	87.44	81	81	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	17.00	359	359	1.00	-29237
153+50.00	UNCLASSIFIED					
	Common Exc	1065.11	1067	1067	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	0.00	16	16	1.00	-28186

154+00.00	UNCLASSIFIED					
	Common Exc	2334.56	3148	3148	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	-25038
154+50.00	UNCLASSIFIED					
	Common Exc	3461.60	5367	5367	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	-19671
155+00.00	UNCLASSIFIED					
	Common Exc	4299.49	7186	7186	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	-12485
155+50.00	UNCLASSIFIED					
	Common Exc	4929.89	8546	8546	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	-3939
156+00.00	UNCLASSIFIED					
	Common Exc	5761.60	9900	9900	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	5961
156+50.00	UNCLASSIFIED					
	Common Exc	7005.69	11822	11822	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	17783
157+00.00	UNCLASSIFIED					
	Common Exc	8158.21	14041	14041	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	31824
157+50.00	UNCLASSIFIED					
	Common Exc	9657.47	16496	16496	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	48320

158+00.00	UNCLASSIFIED					
	Common Exc	10969.85	19099	19099	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	67419
158+50.00	UNCLASSIFIED					
	Common Exc	11161.34	20495	20495	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	20492
159+00.00	UNCLASSIFIED					
	Common Exc	9127.92	18786	18786	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	39278
159+50.00	UNCLASSIFIED					
	Common Exc	4983.60	13066	13066	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	52344
160+00.00	UNCLASSIFIED					
	Common Exc	2362.28	6802	6802	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	59146
160+50.00	UNCLASSIFIED					
	Common Exc	3015.10	4979	4979	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	64125

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	180375	180375	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	48127	48127	1.00