```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_L-6.inp
Output File: ear_L_278-Beg Bridge.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       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       Excavation Limits
 1    20    20         lvname = Scratch_Level_2, Scratch_Level_3
 1    21    21
 1    22    22       write earthwork shapes
 1    23    23          plot parameters
 1    24    24            lvname = Prop XS Earthwork Shape
 1    25    25
 1    26    26            stratify shape color
 1    27    27
 1    28    28       Calculate only between excavation limits
 1    29    29
 1    30    30       process earthwork for baseline = L
 1    31    31       job number = RDY
 1    32    32       beg station = 278+00.00 R 1
 1    33    33       end station = 301+18.32 R 1
 0     0    34 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
278+00.00	UNCLASSIFIED					

ear_L_278-Beg Bridge

Common Exc	356.95	0	0	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	51.05	0	0	1.00	0

278+50.00 UNCLASSIFIED

Common Exc	475.72	771	771	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	31.83	77	77	1.00	694

279+00.00 UNCLASSIFIED

Common Exc	484.57	889	889	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	25.57	53	53	1.00	1530

279+50.00 UNCLASSIFIED

Common Exc	495.81	908	908	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	24.46	46	46	1.00	2392

280+00.00 UNCLASSIFIED

Common Exc	526.37	946	946	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	14.87	36	36	1.00	3302

280+50.00 UNCLASSIFIED

Common Exc	718.37	1153	1153	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.00	14	14	1.00	4441

281+00.00 UNCLASSIFIED

Common Exc	899.64	1498	1498	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	5939

281+50.00 UNCLASSIFIED

Common Exc	1269.18	2008	2008	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	7947

282+00.00 UNCLASSIFIED

Common Exc	1756.78	2802	2802	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	10749

282+50.00 UNCLASSIFIED

Common Exc	2189.47	3654	3654	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	14403

283+00.00 UNCLASSIFIED

Common Exc	2634.33	4466	4466	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	18869

283+50.00 UNCLASSIFIED

Common Exc	3254.33	5452	5452	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	24321

284+00.00 UNCLASSIFIED

Common Exc	4016.76	6732	6732	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	31053

284+50.00 UNCLASSIFIED

Common Exc	4766.23	8132	8132	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	39185

285+00.00 UNCLASSIFIED

Common Exc	5536.18	9539	9539	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	48724

285+50.00 UNCLASSIFIED

Common Exc	6437.92	11087	11087	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	59811

286+00.00 UNCLASSIFIED

Common Exc	7339.09	12756	12756	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	72567

286+50.00 UNCLASSIFIED

Common Exc	8454.69	14624	14624	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	87191

287+00.00 UNCLASSIFIED

Common Exc	9637.71	16752	16752	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	103943

287+50.00 UNCLASSIFIED

Common Exc	10934.76	19049	19049	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	122992

288+00.00 UNCLASSIFIED

Common Exc	12364.33	21573	21573	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	144565

288+50.00 UNCLASSIFIED

Common Exc	13823.59	24248	24248	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	168813

289+00.00 UNCLASSIFIED

Common Exc	15186.30	26861	26861	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	195674

289+50.00 UNCLASSIFIED

Common Exc	16258.50	29116	29116	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	224790

290+00.00 UNCLASSIFIED

Common Exc	16769.50	30581	30581	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	255371

290+50.00 UNCLASSIFIED

Common Exc	16358.79	30674	30674	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	286045

291+00.00 UNCLASSIFIED

Common Exc	8852.88	23344	23344	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	309389

291+50.00 UNCLASSIFIED

Common Exc	8227.25	15815	15815	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	325204

292+00.00 UNCLASSIFIED

Common Exc	5332.35	12555	12555	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	337759

292+50.00 UNCLASSIFIED

Common Exc	4837.66	9417	9417	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	347176

293+00.00 UNCLASSIFIED

Common Exc	4301.91	8463	8463	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	355639

293+50.00 UNCLASSIFIED

Common Exc	3646.26	7359	7359	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	362998

294+00.00 UNCLASSIFIED

	Common Exc	2677.48	5855	5855	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	368853
294+50.00	UNCLASSIFIED					
	Common Exc	1754.23	4103	4103	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	268.55	249	249	1.00	372707
295+00.00	UNCLASSIFIED					
	Common Exc	1401.76	2922	2922	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	747.55	941	941	1.00	374688
295+50.00	UNCLASSIFIED					
	Common Exc	1241.72	2448	2448	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1359.82	1951	1951	1.00	375185
296+00.00	UNCLASSIFIED					
	Common Exc	1080.79	2150	2150	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	1948.16	3063	3063	1.00	374272
296+50.00	UNCLASSIFIED					
	Common Exc	1038.10	1962	1962	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2442.02	4065	4065	1.00	372169
297+00.00	UNCLASSIFIED					
	Common Exc	994.80	1882	1882	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2846.81	4897	4897	1.00	369154
297+50.00	UNCLASSIFIED					
	Common Exc	1007.20	1854	1854	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	3200.16	5599	5599	1.00	365409
298+00.00	UNCLASSIFIED					

ear_L_278-Beg Bridge

Common Exc	1049.45	1904	1904	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3430.16	6139	6139	1.00	361174

298+50.00 UNCLASSIFIED

Common Exc	1085.72	1977	1977	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3618.21	6526	6526	1.00	356625

299+00.00 UNCLASSIFIED

Common Exc	1171.87	2090	2090	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3609.14	6692	6692	1.00	352023

299+50.00 UNCLASSIFIED

Common Exc	1241.75	2235	2235	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3738.14	6803	6803	1.00	347455

300+00.00 UNCLASSIFIED

Common Exc	1261.87	2318	2318	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3944.03	7113	7113	1.00	342660

300+50.00 UNCLASSIFIED

Common Exc	1238.24	2315	2315	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4105.11	7453	7453	1.00	337522

301+00.00 UNCLASSIFIED

Common Exc	1175.22	2235	2235	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4088.56	7587	7587	1.00	332170

301+18.32 UNCLASSIFIED

Common Exc	1175.22	797	797	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4088.56	2774	2774	1.00	332170

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

Material Name	Unadjusted	Adjusted	Mult	

ear_L_278-Beg Bridge

	Volumes (cu. yd.)	Volumes (cu. yd.)	Factor
UNCLASSIFIED			
Common Exc	402271	402271	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	72078	72078	1.00