```
Input  File: R:\Roadway\Xsc\EW_L-2.inp
Output File: ear_L2 .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\R3421C_RDY_xsc_L_355.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, Scratch_Level_8, Prop XS Finish
Grade Earthwork, Prop XS Finish Grade Pavement, Prop XS Finish Grade, Old_Level_10
 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
 1    23    23            stratify shape color
 1    24    24
 1    25    25       process earthwork for baseline = L
 1    26    26       job number = RDY
 1    27    27       beg station = 380+00 R 1
 1    28    28       end station = 410+00 R 1
 0     0    29 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
380+00.00	UNCLASSIFIED					
	Common Exc	218.73	0	0	1.00	
	Subgrade Exc	0.00	0	0	1.00	
	Subsoil Exc	0.00	0	0	1.00	
	Fill	2.43	0	0	1.00	0
380+50.00	UNCLASSIFIED					

Common Exc	190.10	379	379	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.86	3	3	1.00	376

381+00.00 UNCLASSIFIED

Common Exc	163.17	327	327	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.73	1	1	1.00	702

381+50.00 UNCLASSIFIED

Common Exc	164.53	303	303	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1.25	2	2	1.00	1003

382+00.00 UNCLASSIFIED

Common Exc	119.18	263	263	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2.33	3	3	1.00	1263

382+50.00 UNCLASSIFIED

Common Exc	98.17	201	201	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3.18	5	5	1.00	1459

383+00.00 UNCLASSIFIED

Common Exc	62.13	148	148	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	5.75	8	8	1.00	1599

383+50.00 UNCLASSIFIED

Common Exc	21.97	78	78	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2.97	8	8	1.00	1669

384+00.00 UNCLASSIFIED

Common Exc	13.35	33	33	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	10.49	12	12	1.00	1690

384+50.00 UNCLASSIFIED

Common Exc	21.12	32	32	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	7.76	17	17	1.00	1705

385+00.00 UNCLASSIFIED

Common Exc	30.72	48	48	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	13.92	20	20	1.00	1733

385+50.00 UNCLASSIFIED

Common Exc	21.18	48	48	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	13.61	25	25	1.00	1756

386+00.00 UNCLASSIFIED

Common Exc	35.07	52	52	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4.84	17	17	1.00	1791

386+50.00 UNCLASSIFIED

Common Exc	39.43	69	69	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3.23	7	7	1.00	1853

387+00.00 UNCLASSIFIED

Common Exc	47.01	80	80	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1.38	4	4	1.00	1929

387+50.00 UNCLASSIFIED

Common Exc	54.86	94	94	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3.12	4	4	1.00	2019

388+00.00 UNCLASSIFIED

Common Exc	50.94	98	98	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2.43	5	5	1.00	2112

388+50.00 UNCLASSIFIED

Common Exc	49.37	93	93	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1.67	4	4	1.00	2201

389+00.00 UNCLASSIFIED

Common Exc	55.16	97	97	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1.65	3	3	1.00	2295

389+50.00 UNCLASSIFIED

Common Exc	60.04	107	107	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2.11	3	3	1.00	2399

390+00.00 UNCLASSIFIED

Common Exc	88.82	138	138	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.22	2	2	1.00	2535

390+50.00 UNCLASSIFIED

Common Exc	129.58	202	202	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.04	0	0	1.00	2737

391+00.00 UNCLASSIFIED

Common Exc	324.85	421	421	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	3158

391+50.00 UNCLASSIFIED

Common Exc	490.44	755	755	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4.85	4	4	1.00	3909

392+00.00 UNCLASSIFIED

Common Exc	431.63	854	854	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	465.23	435	435	1.00	4328

392+50.00 UNCLASSIFIED

Common Exc	139.59	529	529	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.00	431	431	1.00	4426

393+00.00 UNCLASSIFIED

Common Exc	150.93	269	269	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	4695

393+50.00 UNCLASSIFIED

Common Exc	194.56	320	320	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.36	0	0	1.00	5015

394+00.00 UNCLASSIFIED

Common Exc	250.07	412	412	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	5427

394+50.00 UNCLASSIFIED

Common Exc	253.27	466	466	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	5893

395+00.00 UNCLASSIFIED

Common Exc	265.57	480	480	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	6373

395+50.00 UNCLASSIFIED

Common Exc	384.68	602	602	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	6975

396+00.00 UNCLASSIFIED

Common Exc	340.49	671	671	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	7646

396+50.00 UNCLASSIFIED

Common Exc	282.87	577	577	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	8223

397+00.00 UNCLASSIFIED

Common Exc	207.15	454	454	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.26	0	0	1.00	8677

397+50.00 UNCLASSIFIED

Common Exc	215.58	391	391	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	5.66	5	5	1.00	9063

398+00.00 UNCLASSIFIED

Common Exc	191.67	377	377	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4.60	10	10	1.00	9430

398+50.00 UNCLASSIFIED

Common Exc	158.45	324	324	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.00	4	4	1.00	9750

399+00.00 UNCLASSIFIED

Common Exc	129.91	267	267	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4.93	5	5	1.00	10012

399+50.00 UNCLASSIFIED

Common Exc	106.19	219	219	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	9.50	13	13	1.00	10218

400+00.00 UNCLASSIFIED

Common Exc	81.70	174	174	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	6.31	15	15	1.00	10377

400+50.00 UNCLASSIFIED

Common Exc	43.35	116	116	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3.36	9	9	1.00	10484

401+00.00 UNCLASSIFIED

Common Exc	34.60	72	72	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	3.02	6	6	1.00	10550

401+50.00 UNCLASSIFIED

Common Exc	78.39	105	105	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4.17	7	7	1.00	10648

402+00.00 UNCLASSIFIED

Common Exc	46.18	115	115	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	19.72	22	22	1.00	10741

402+50.00 UNCLASSIFIED

Common Exc	85.58	122	122	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	9.71	27	27	1.00	10836

403+00.00 UNCLASSIFIED

Common Exc	168.22	235	235	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	12.87	21	21	1.00	11050

403+50.00 UNCLASSIFIED

Common Exc	513.71	631	631	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	13.74	25	25	1.00	11656

404+00.00 UNCLASSIFIED

Common Exc	43.68	516	516	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2.59	15	15	1.00	12157

404+50.00 UNCLASSIFIED

Common Exc	39.76	77	77	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	4.92	7	7	1.00	12227

405+00.00 UNCLASSIFIED

Common Exc	44.73	78	78	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2.67	7	7	1.00	12298

405+50.00 UNCLASSIFIED

Common Exc	35.76	75	75	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1.16	4	4	1.00	12369

406+00.00 UNCLASSIFIED

Common Exc	34.90	65	65	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	2.15	3	3	1.00	12431

406+50.00 UNCLASSIFIED

Common Exc	74.77	102	102	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	1.38	3	3	1.00	12530

407+00.00 UNCLASSIFIED

Common Exc	41.21	107	107	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.66	2	2	1.00	12635

407+50.00 UNCLASSIFIED

Common Exc	45.80	81	81	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.38	1	1	1.00	12715

408+00.00 UNCLASSIFIED

Common Exc	60.49	98	98	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.02	0	0	1.00	12813

408+50.00 UNCLASSIFIED

ear_L_380-410

Common Exc	74.40	125	125	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	12938

409+00.00 UNCLASSIFIED

Common Exc	59.93	124	124	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.07	0	0	1.00	13062

409+50.00 UNCLASSIFIED

Common Exc	49.96	102	102	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.65	1	1	1.00	13163

410+00.00 UNCLASSIFIED

Common Exc	58.79	101	101	1.00	
Subgrade Exc	0.00	0	0	1.00	
Subsoil Exc	0.00	0	0	1.00	
Fill	0.00	1	1	1.00	13263

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	14499	14499	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	1236	1236	1.00