```
Input  File: R:\Roadway\Xsc\XS Earthwork Files\EW_RAMP-D.inp
Output File: ear_RAMPD.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, Pattern
40, Prop XS Subgrade Earthwork
 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_3, Scratch_Level_6
 1    21    21
 1    22    22       write earthwork shapes
 1    23    23          plot parameters
 1    24    24            lvname = Pattern 5
 1    25    25            co = bylevel
 1    26    26
 1    27    27       Calculate only between excavation limits
 1    28    28
 1    29    29       process earthwork for baseline = L
 1    30    30       job number = RDY
 1    31    31       beg station = 302+50 R 1
 1    32    32       end station = 311+50 R 1
 0     0    33 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 |
|---|---|---|---|---|---|---|
| 301+54.93 | UNCLASSIFIED | | | | | |
| | Common Exc | 50.92 | 0 | 0 | 1.00 | |

| | | | | | |
|---|---|---|---|---|---|
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 23.79 | 0 | 0 | 1.00 | 0 |
| 302+50.00 UNCLASSIFIED | | | | | |
| Common Exc | 50.92 | 179 | 179 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 23.79 | 84 | 84 | 1.00 | 0 |
| 303+00.00 UNCLASSIFIED | | | | | |
| Common Exc | 7.07 | 54 | 54 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 148.43 | 159 | 159 | 1.00 | -105 |
| 303+50.00 UNCLASSIFIED | | | | | |
| Common Exc | 0.00 | 7 | 7 | 1.00 | |
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 324.21 | 438 | 438 | 1.00 | -536 |
| 304+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 | 509.33 | 772 | 772 | 1.00 | -1308 |
| 304+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 | 738.28 | 1155 | 1155 | 1.00 | -2463 |
| 305+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 | 991.83 | 1602 | 1602 | 1.00 | -4065 |
| 305+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 | 1151.19 | 1984 | 1984 | 1.00 | -6049 |
| 306+00.00 UNCLASSIFIED | | | | | |
| Common Exc | 0.00 | 0 | 0 | 1.00 | |

ear_RAMPD

| | | | | | |
|---|---|---|---|---|---|
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 1343.52 | 2310 | 2310 | 1.00 | -8359 |
| 306+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 | 1512.85 | 2645 | 2645 | 1.00 | -11004 |
| 307+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 | 1597.03 | 2880 | 2880 | 1.00 | -13884 |
| 307+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 | 1553.09 | 2917 | 2917 | 1.00 | -16801 |
| 308+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 | 1547.04 | 2870 | 2870 | 1.00 | -19671 |
| 308+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 | 1578.09 | 2894 | 2894 | 1.00 | -22565 |
| 309+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 | 1690.38 | 3026 | 3026 | 1.00 | -25591 |
| 309+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 | 1586.05 | 3034 | 3034 | 1.00 | -28625 |
| 310+00.00 UNCLASSIFIED | | | | | |
| Common Exc | 0.00 | 0 | 0 | 1.00 | |

ear_RAMPD

| | | | | | |
|---|---|---|---|---|---|
| Subgrade Exc | 0.00 | 0 | 0 | 1.00 | |
| Subsoil Exc | 0.00 | 0 | 0 | 1.00 | |
| Fill | 1589.72 | 2941 | 2941 | 1.00 | -31566 |

310+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 | 1541.21 | 2899 | 2899 | 1.00 | -34465 |

311+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 | 1432.64 | 2754 | 2754 | 1.00 | -37219 |

311+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 | 1262.84 | 2496 | 2496 | 1.00 | -39715 |

## 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 | 240 | 240 | 1.00 |
| Subgrade Exc | 0 | 0 | 1.00 |
| Subsoil Exc | 0 | 0 | 1.00 |
| Fill | 39860 | 39860 | 1.00 |