

SR063Earthwork-6-7-24.log

County: Campbell SR 63

Description: DRAINAGE STRUCTURE NEAR I-75 EXIT 141, LM 6.43 (ARPA)

Pin: 133619.00

Input File: ewkprj.inp

Output File: EARTHWORK-6-7-24.log

```
1 1 1
1 2 2
1 3 3 Earthwork
1 4 4
1 5 5 tolerance = 0.100000
1 6 6
1 7 7 vertical search distance = 500.000000
1 8 8
1 9 9 xs dgn = L:\SURVDES\Design\PROJECTS\Campbell Co. SR-63 PIN
133619.00\CM063-MAINLINE-XSECTIONS.dgn
1 10 10
1 11 11 Proposed Finish Grade
1 12 12 soil type = EARTH
1 13 13 roadway exc mult factor = 1.000000
1 14 14 subsoil exc mult factor = 1.000000
1 15 15 fill mult factor = 1.000000
1 16 16 type = line, line_string
1 17 17 lvname = DESIGN - TYPICAL - Finished Grade and Subgrade
1 18 18 lc = 0
1 19 19 wt = 2,10
1 20 20 co = 6,8
1 21 21
1 22 22 Existing Ground Line
1 23 23 soil type = EARTH
1 24 24 roadway exc mult factor = 1.000000
1 25 25 subsoil exc mult factor = 1.000000
1 26 26 fill mult factor = 1.000000
1 27 27 type = line, line_string
1 28 28 lvname = SURVEY - GROUND - Top of Ground
1 29 29 lc = ByLevel
1 30 30 wt = ByLevel
1 31 31 co = ByLevel
1 32 32
1 33 33 Write Earthwork Shapes
1 34 34 plot param
1 35 35 lv = 347
1 36 36 lvname = DESIGN - EARTHWORK - Shapes
1 37 37 co = 1
1 38 38 wt = 0
1 39 39 lc = 0
1 40 40 Stratify Shape Color
1 41 41
1 42 42 combine common exc + subgrade exc + subsoil exc
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1 43 43
1 44 44
1 45 45 Add Accumulated Adjusted Volume Column
1 46 46
1 47 47 Add Accumulated Unadjusted Volume Column
1 48 48
1 49 49 End Area Decimal Places = 1
1 50 50
1 51 51 write column base ascii file = TES-SR063Earthwork.txt
1 52 52
1 53 53 column 1 formula = abs( ["EARTH", Common Exc, End Area] )
1 54 54 column 1 number of decimal place = 0
1 55 55 column 1 total length = 10
1 56 56
1 57 57 column 2 formula = abs( ["EARTH", Fill, End Area] )
1 58 58 column 2 number of decimal place = 0
1 59 59 column 2 total length = 10
1 60 60
1 61 61 column 3 formula = abs( ["EARTH", Common Exc, Unadjusted Volumes] )
1 62 62 column 3 number of decimal place = 0
1 63 63 column 3 total length = 10
1 64 64
1 65 65 column 4 formula = abs( ["EARTH", Fill, Unadjusted Volumes] )
1 66 66 column 4 number of decimal place = 0
1 67 67 column 4 total length = 10
1 68 68
1 69 69
1 70 70 Process Earthwork for Baseline = SR63ML
1 71 71 job number = 1ky
1 72 72
1 73 73 beg sta = 13+95.00 R 1
1 74 74 end sta = 16+05.00 R 1
0 0 75 END_OF_FILE

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COMPUTING EARTHWORKS FOR BASELINE = SR63ML

COMPUTING EARTHWORKS FOR JOB = 1KY

FORMING LIST OF XSCells

BEGINNING EARTHWORKS COMPUTATION

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Station	Material Name	End Areas	Unadjusted Volumes	Adjusted Volumes	Mult Factor	Mass Ordinate	Accum Unadj Vol	Accum Adj
Vol		(sq. ft.)	(cu. yd.)	(cu. yd.)			(cu. yd.)	(cu. yd.)

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14+00.00 EARTH
Excavation 0.2 0 0 1.00 0
0

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SR063Earthwork-6-7-24.log							
0	Fill	0.0	0	0	1.00	0	0
14+05.00	EARTH						
0	Excavation	0.2	0	0	1.00		0
0	Fill	0.3	0	0	1.00	0	0
14+10.00	EARTH						
0	Excavation	0.1	0	0	1.00		0
0	Fill	0.0	0	0	1.00	0	0
14+15.00	EARTH						
0	Excavation	0.0	0	0	1.00		0
2	Fill	24.6	2	2	1.00	-2	2
14+20.00	EARTH						
0	Excavation	0.3	0	0	1.00		0
6	Fill	16.3	4	4	1.00	-6	6
14+25.00	EARTH						
0	Excavation	0.3	0	0	1.00		0
9	Fill	10.9	3	3	1.00	-9	9
14+30.00	EARTH						
0	Excavation	0.0	0	0	1.00		0
25	Fill	165.2	16	16	1.00	-25	25
14+35.00	EARTH						
0	Excavation	0.0	0	0	1.00		0
72	Fill	345.0	47	47	1.00	-72	72
14+40.00	EARTH						
0	Excavation	0.0	0	0	1.00		0

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142	Fill	410.9	70	70	1.00	-142	142
14+45.00 EARTH							
0	Excavation	0.1	0	0	1.00		0
219	Fill	416.7	77	77	1.00	-219	219
14+50.00 EARTH							
0	Excavation	0.3	0	0	1.00		0
292	Fill	374.6	73	73	1.00	-292	292
14+55.00 EARTH							
0	Excavation	0.0	0	0	1.00		0
362	Fill	377.2	70	70	1.00	-362	362
14+60.00 EARTH							
0	Excavation	0.5	0	0	1.00		0
430	Fill	357.8	68	68	1.00	-430	430
14+65.00 EARTH							
0	Excavation	0.3	0	0	1.00		0
495	Fill	345.7	65	65	1.00	-495	495
14+70.00 EARTH							
0	Excavation	0.2	0	0	1.00		0
557	Fill	327.2	62	62	1.00	-557	557
14+75.00 EARTH							
0	Excavation	0.0	0	0	1.00		0
616	Fill	307.5	59	59	1.00	-616	616
14+80.00 EARTH							
0	Excavation	0.0	0	0	1.00		0

SR063Earthwork-6-7-24.log							
663	Fill	195.4	47	47	1.00	-663	663
14+85.00	EARTH						
0	Excavation	0.0	0	0	1.00		0
688	Fill	75.5	25	25	1.00	-688	688
14+90.00	EARTH						
0	Excavation	0.0	0	0	1.00		0
695	Fill	0.0	7	7	1.00	-695	695
14+95.00	EARTH						
0	Excavation	0.4	0	0	1.00		0
695	Fill	0.0	0	0	1.00	-695	695
15+00.00	EARTH						
0	Excavation	0.3	0	0	1.00		0
695	Fill	0.0	0	0	1.00	-695	695
15+05.00	EARTH						
0	Excavation	2.1	0	0	1.00		0
695	Fill	0.0	0	0	1.00	-695	695
15+10.00	EARTH						
0	Excavation	1.0	0	0	1.00		0
695	Fill	0.9	0	0	1.00	-695	695
15+15.00	EARTH						
0	Excavation	1.1	0	0	1.00		0
695	Fill	2.0	0	0	1.00	-695	695
15+20.00	EARTH						
0	Excavation	2.6	0	0	1.00		0

		SR063Earthwork-6-7-24.log					
695	Fill	1.5	0	0	1.00	-695	695