

SHEET 1 OF 4
STATE NO.: 18S298-M3-002
PIN: 131702.00
COUNTY: CUMBERLAND

SR-298 Earthwork

Material Name		End Areas	Unadjusted	Adjusted	Mult	Mass	Accum	
Accum								
Station		Volumes	Volumes		Factor	Ordinate	Unadj	
Vol	Adj Vol	(sq. ft.)	(cu. yd.)	(cu. yd.)			(cu. yd.)	(cu. yd.)
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12+00.00 EARTH								
0	0	Excavation	42	0	0	0.85		
		Fill	0	0	0	1.00	0	0
12+25.00 EARTH								
		Excavation	36	36	31	0.85		36
		Fill	1	0	0	1.00	31	0
12+50.00 EARTH								
		Excavation	25	28	24	0.85		64
		Fill	2	1	1	1.00	54	1
12+75.00 EARTH								
		Excavation	27	24	20	0.85		88
		Fill	7	4	4	1.00	70	5
13+00.00 EARTH								
		Excavation	64	42	36	0.85		130
		Fill	13	9	9	1.00	97	14
13+10.00 EARTH								
		Excavation	66	24	20	0.85		154
		Fill	18	6	6	1.00	111	20
13+20.00 EARTH								

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	Excavation	71	25	22	0.85		179	153
	Fill	15	6	6	1.00	127	26	26
13+30.00	EARTH							
	Excavation	72	26	23	0.85		205	176
	Fill	26	8	8	1.00	142	34	34
13+40.00	EARTH							
	Excavation	77	28	23	0.85		233	199
	Fill	39	12	12	1.00	153	46	46
13+50.00	EARTH							
	Excavation	86	30	26	0.85		263	225
	Fill	55	17	17	1.00	162	63	63
13+60.00	EARTH							
	Excavation	90	33	28	0.85		296	253
	Fill	73	24	24	1.00	166	87	87
13+70.00	EARTH							
	Excavation	96	34	29	0.85		330	282
	Fill	83	29	29	1.00	166	116	116
13+80.00	EARTH							
	Excavation	105	37	32	0.85		367	314
	Fill	95	33	33	1.00	165	149	149
13+90.00	EARTH							
	Excavation	113	40	34	0.85		407	348
	Fill	104	37	37	1.00	162	186	186
14+00.00	EARTH							
	Excavation	37	28	24	0.85		435	372
	Fill	102	38	38	1.00	148	224	224
14+10.00	EARTH							
	Excavation	31	13	11	0.85		448	383
	Fill	120	41	41	1.00	118	265	265
14+20.00	EARTH							
	Excavation	20	9	8	0.85		457	391
	Fill	151	50	50	1.00	76	315	315
14+30.00	EARTH							
	Excavation	36	10	9	0.85		467	400
	Fill	115	49	49	1.00	36	364	364
14+40.00	EARTH							
	Excavation	37	14	11	0.85		481	411
	Fill	131	46	46	1.00	1	410	410
14+50.00	EARTH							
	Excavation	75	21	18	0.85		502	429
	Fill	97	42	42	1.00	-23	452	452
14+60.00	EARTH							
	Excavation	6	15	13	0.85		517	442
	Fill	44	26	26	1.00	-36	478	478
14+70.00	EARTH							
	Excavation	25	6	5	0.85		523	447
	Fill	8	10	10	1.00	-41	488	488
14+80.00	EARTH							
	Excavation	78	19	16	0.85		542	463
	Fill	0	1	1	1.00	-26	489	489

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14+90.00 EARTH								
Excavation	119	36	31	0.85		578	494	
Fill	0	0	0	1.00	5	489	489	
15+00.00 EARTH								
Excavation	155	51	43	0.85		629	537	
Fill	0	0	0	1.00	48	489	489	
15+10.00 EARTH								
Excavation	157	58	49	0.85		687	586	
Fill	0	0	0	1.00	97	489	489	
15+20.00 EARTH								
Excavation	97	47	40	0.85		734	626	
Fill	0	0	0	1.00	137	489	489	
15+30.00 EARTH								
Excavation	95	36	30	0.85		770	656	
Fill	0	0	0	1.00	167	489	489	
15+40.00 EARTH								
Excavation	125	41	35	0.85		811	691	
Fill	1	0	0	1.00	202	489	489	
15+50.00 EARTH								
Excavation	145	50	43	0.85		861	734	
Fill	0	0	0	1.00	245	489	489	
15+55.00 EARTH								
Excavation	139	26	22	0.85		887	756	
Fill	0	0	0	1.00	267	489	489	
15+75.00 EARTH								
Excavation	150	107	91	0.85		994	847	
Fill	0	0	0	1.00	358	489	489	
16+00.00 EARTH								
Excavation	156	142	120	0.85		1136	967	
Fill	0	0	0	1.00	478	489	489	
16+25.00 EARTH								
Excavation	128	131	112	0.85		1267	1079	
Fill	1	0	0	1.00	590	489	489	
16+50.00 EARTH								
Excavation	135	122	103	0.85		1389	1182	
Fill	1	1	1	1.00	692	490	490	
16+75.00 EARTH								
Excavation	150	132	112	0.85		1521	1294	
Fill	0	0	0	1.00	804	490	490	
17+00.00 EARTH								
Excavation	181	153	130	0.85		1674	1424	
Fill	2	1	1	1.00	933	491	491	
17+25.00 EARTH								
Excavation	188	171	145	0.85		1845	1569	
Fill	4	3	3	1.00	1075	494	494	
17+50.00 EARTH								
Excavation	0	87	74	0.85		1932	1643	
Fill	0	2	2	1.00	1147	496	496	
17+75.00 EARTH								
Excavation	0	0	0	0.85		1932	1643	
Fill	0	0	0	1.00	1147	496	496	

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18+00.00 EARTH								
Excavation	0	0	0	0.85		1932	1643	
Fill	0	0	0	1.00	1147	496	496	

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

EARTH

Excavation	1932	1643	0.85
Fill	496	496	1.00

S P L I T	S U M M A R Y	T O T A L S
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Material Name	XS Quant Unadjusted	XS Quant Adjusted	Add/Sub Quant Unadjusted	Add/Sub Quant Adjusted
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Mult

Volume	Volume	Volume	Volume
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Factor

(cu. yd.)	(cu. yd.)	(cu. yd.)	(cu. yd.)
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EARTH

Excavation	1932	1643	0	0	0.85
Fill	496	496	0	0	1.00

B A L A N C E	P O I N T	S U M M A R Y
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Material Name	Cumulative	Incremental
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Mult

Unadjusted	Adjusted	Unadjusted	Adjusted
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Factor

Volumes (cu. yd.)	Volumes (cu. yd.)	Volumes (cu. yd.)	Volumes (cu. yd.)
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Station = 14+40.42

EARTH

Excavation	484	412	484	412	
Fill	412	412	412	412	1.00

Station = 14+88.39

EARTH

Excavation	575	489	91	77	
Fill	489	489	77	77	1.00