

GRADING REPORT

COMPUTED BY:AEJ
CHECKED BY:JDW
FEDERAL PROJECT NO:
ROUTE NO. OR STREET:TARPLEY SHOP ROAD

SHEET 1 OF 65
STATE NO.: 28946-3427-04
PIN:128996.00
COUNTY: GILES

TARPLEY SHOP ROAD

Input File: ewkprj.inp

Output File: SIA TARPLEY shop EW FINAL.log

1	1	1	
1	2	2	
1	3	3	Earthwork
1	4	4	
1	5	5	tolerance = 0.010000
1	6	6	
1	7	7	vertical search distance = 250.000000
1	8	8	
1	9	9	xs dgn = F:\36\36729\3672907\04_CAD\TRNS\GISIASR7tarpleyXsections.dgn
1	10	10	
1	11	11	Proposed Finish Grade
1	12	12	soil type = EARTH
1	13	13	roadway exc mult factor = 0.850000
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 = 4
1	20	20	co = 2,6-8,18
1	21	21	

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1	22	22	Existing Ground Line
1	23	23	soil type = EARTH
1	24	24	roadway exc mult factor = 0.850000
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 = 3
1	30	30	wt = 2
1	31	31	co = 0
1	32	32	
1	33	33	Existing Unsuitable Material
1	34	34	soil type = topsoil
1	35	35	roadway exc mult factor = 0.850000
1	36	36	subsoil exc mult factor = 1.000000
1	37	37	fill mult factor = 1.000000
1	38	38	type = line, line_string
1	39	39	lvname = SURVEY - GROUND - Bottom of Topsoil Layer
1	40	40	lc = 2
1	41	41	wt = 2
1	42	42	co = 2
1	43	43	
1	44	44	Excavation Limit
1	45	45	type = line
1	46	46	lvname = DESIGN - EARTHWORK - Excavation Limit Lines
1	47	47	lc = 0
1	48	48	wt = 0
1	49	49	co = 0
1	50	50	

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1	51	51	Write Earthwork Shapes
1	52	52	plot param
1	53	53	lv = 347
1	54	54	lvname = DESIGN - EARTHWORK - Shapes
1	55	55	co = 2
1	56	56	wt = 0
1	57	57	lc = 0
1	58	58	Stratify Shape Color
1	59	59	
1	60	60	combine common exc + subgrade exc
1	61	61	
1	62	62	
1	63	63	Add Accumulated Adjusted Volume Column
1	64	64	
1	65	65	Add Accumulated Unadjusted Volume Column
1	66	66	
1	67	67	End Area Decimal Places = 1
1	68	68	
1	69	69	write column base ascii file = F:\36\36729\3672907\04_CAD\TRNS\Geofiles\EW SIA PROPOSED.txt
1	70	70	
1	71	71	column 1 formula = abs(["EARTH", Common Exc, End Area])
1	72	72	column 1 number of decimal place = 0
1	73	73	column 1 total length = 10
1	74	74	
1	75	75	column 2 formula = abs(["EARTH", Fill, End Area])
1	76	76	column 2 number of decimal place = 0
1	77	77	column 2 total length = 10
1	78	78	

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1	79	79	column 3 formula = abs(["topsoil", Subsoil Exc, End Area])
1	80	80	column 3 number of decimal place = 0
1	81	81	column 3 total length = 10
1	82	82	
1	83	83	
1	84	84	Process Earthwork for Baseline = REALIGN TARSHOP
1	85	85	job number = 900
1	86	86	
1	87	87	beg sta = 82+53.73 R 1
1	88	88	end sta = 121+50.00 R 1
0	0	89	END_OF_FILE

COMPUTING EARTHWORKS FOR BASELINE = REALIGN TARSHOP

COMPUTING EARTHWORKS FOR JOB = 900

FORMING LIST OF XSCCELLS

BEGINNING EARTHWORKS COMPUTATION

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

82+60.00	EARTH							
	Excavation	29.0	0	0	0.85		0	0
	Subsoil Exc	0.0	0	0	1.00		0	0
	Fill	0.0	0	0	1.00	0	0	0
	TOPSOIL							
	Excavation	5.7	0	0	0.85		0	0
	Subsoil Exc	0.0	0	0	1.00		0	0
	Fill	0.0	0	0	1.00	0	0	0
	Mass ordinate for TOPSOIL = 0							
82+80.00	EARTH							
	Excavation	25.7	20	17	0.85		20	17
	Subsoil Exc	0.0	0	0	1.00		0	0
	Fill	16.3	6	6	1.00	11	6	6
	TOPSOIL							
	Excavation	4.9	4	3	0.85		4	3
	Subsoil Exc	8.6	3	3	1.00		3	3
	Fill	0.0	0	0	1.00	11	0	0
	Mass ordinate for TOPSOIL = 6							
83+00.00	EARTH							
	Excavation	22.4	18	15	0.85		38	32
	Subsoil Exc	0.0	0	0	1.00		0	0
	Fill	13.9	11	11	1.00	15	17	17

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TOPSOIL

Excavation	4.8	4	3	0.85		8	6
Subsoil Exc	8.6	6	6	1.00		9	9
Fill	0.0	0	0	1.00	15	0	0

Mass ordinate for TOPSOIL = 15

83+50.00 EARTH

Excavation	19.7	39	33	0.85		77	65
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	34.5	45	45	1.00	3	62	62

TOPSOIL

Excavation	8.6	12	11	0.85		20	17
Subsoil Exc	15.0	22	22	1.00		31	31
Fill	0.0	0	0	1.00	3	0	0

Mass ordinate for TOPSOIL = 48

83+51.05 EARTH

Excavation	19.5	1	1	0.85		78	66
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	34.8	1	1	1.00	3	63	63

TOPSOIL

Excavation	8.5	0	0	0.85		20	17
Subsoil Exc	15.0	1	1	1.00		32	32
Fill	0.0	0	0	1.00	3	0	0

Mass ordinate for TOPSOIL = 49

84+00.00 EARTH

Excavation	6.4	23	20	0.85		101	86
Subsoil Exc	0.0	0	0	1.00		0	0

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Fill	49.3	76	76	1.00	-53	139	139
TOPSOIL							
Excavation	0.2	8	7	0.85		28	24
Subsoil Exc	17.1	29	29	1.00		61	61
Fill	0.0	0	0	1.00	-53	0	0
Mass ordinate for TOPSOIL = 85							

84+20.55 EARTH

Excavation	6.8	5	4	0.85		106	90
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	52.5	39	39	1.00	-88	178	178
TOPSOIL							
Excavation	0.2	0	0	0.85		28	24
Subsoil Exc	16.2	13	13	1.00		74	74
Fill	0.0	0	0	1.00	-88	0	0
Mass ordinate for TOPSOIL = 98							

84+50.00 EARTH

Excavation	3.4	6	5	0.85		112	95
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	51.6	57	57	1.00	-140	235	235
TOPSOIL							
Excavation	1.3	1	1	0.85		29	25
Subsoil Exc	15.9	18	18	1.00		92	92
Fill	0.0	0	0	1.00	-140	0	0
Mass ordinate for TOPSOIL = 117							

84+57.96 EARTH

Excavation	3.3	1	1	0.85		113	96
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	48.6	15	15	1.00	-154	250	250
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TOPSOIL

Excavation	0.9	0	0	0.85		29	25
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Subsoil Exc	15.5	5	5	1.00		97	97
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Fill	0.0	0	0	1.00	-154	0	0
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Mass ordinate for TOPSOIL = 122

85+00.00 EARTH

Excavation	4.9	6	5	0.85		119	101
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	31.1	62	62	1.00	-211	312	312
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TOPSOIL

Excavation	6.5	6	5	0.85		35	30
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Subsoil Exc	13.6	23	23	1.00		120	120
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Fill	0.0	0	0	1.00	-211	0	0
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Mass ordinate for TOPSOIL = 150

85+20.00 EARTH

Excavation	12.2	6	5	0.85		125	106
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	24.7	21	21	1.00	-227	333	333
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TOPSOIL

Excavation	10.7	6	5	0.85		41	35
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Subsoil Exc	11.5	9	9	1.00		129	129
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Fill	0.0	0	0	1.00	-227	0	0
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Mass ordinate for TOPSOIL = 164

85+40.95 EARTH

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Excavation	14.8	10	9	0.85		135	115
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	23.1	19	19	1.00	-237	352	352
TOPSOIL							
Excavation	11.4	9	7	0.85		50	42
Subsoil Exc	11.5	9	9	1.00		138	138
Fill	0.0	0	0	1.00	-237	0	0
Mass ordinate for TOPSOIL = 180							

Excavation	17.0	5	5	0.85		140	120
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	21.0	7	7	1.00	-239	359	359
PSOIL							
Excavation	12.1	4	3	0.85		54	45
Subsoil Exc	11.1	4	4	1.00		142	142
Fill	0.0	0	0	1.00	-239	0	0
Mass ordinate for TOPSOIL = 187							

Excavation	10.5	51	43	0.85		191	163
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	29.9	94	94	1.00	-290	453	453
PSOIL							
Excavation	5.6	33	28	0.85		87	73
Subsoil Exc	11.4	42	42	1.00		184	184
Fill	0.0	0	0	1.00	-290	0	0
Mass ordinate for TOPSOIL = 257							

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86+65.00 EARTH

Excavation	12.2	6	5	0.85		197	168
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	32.8	17	17	1.00	-302	470	470

TOPSOIL

Excavation	5.6	3	3	0.85		90	76
Subsoil Exc	11.6	6	6	1.00		190	190
Fill	0.0	0	0	1.00	-302	0	0

Mass ordinate for TOPSOIL = 266

86+90.04 EARTH

Excavation	17.0	14	12	0.85		211	180
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	11.4	20	20	1.00	-310	490	490

TOPSOIL

Excavation	8.2	6	5	0.85		96	81
Subsoil Exc	9.9	10	10	1.00		200	200
Fill	0.0	0	0	1.00	-310	0	0

Mass ordinate for TOPSOIL = 281

87+00.00 EARTH

Excavation	10.5	5	4	0.85		216	184
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	41.4	10	10	1.00	-316	500	500

TOPSOIL

Excavation	0.6	2	1	0.85		98	82
Subsoil Exc	12.3	4	4	1.00		204	204
Fill	0.0	0	0	1.00	-316	0	0

Mass ordinate for TOPSOIL = 286

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87+50.00 EARTH

Excavation	17.4	26	22	0.85		242	206
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	24.4	61	61	1.00	-355	561	561

TOPSOIL

Excavation	7.8	8	7	0.85		106	89
Subsoil Exc	9.9	21	21	1.00		225	225
Fill	0.0	0	0	1.00	-355	0	0

Mass ordinate for TOPSOIL = 314

87+74.04 EARTH

Excavation	24.9	19	16	0.85		261	222
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.9	12	12	1.00	-351	573	573

TOPSOIL

Excavation	15.9	11	9	0.85		117	98
Subsoil Exc	2.9	6	6	1.00		231	231
Fill	0.0	0	0	1.00	-351	0	0

Mass ordinate for TOPSOIL = 329

87+85.00 EARTH

Excavation	9.4	7	6	0.85		268	228
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	20.3	5	5	1.00	-350	578	578

TOPSOIL

Excavation	5.9	4	4	0.85		121	102
Subsoil Exc	10.5	3	3	1.00		234	234
Fill	0.0	0	0	1.00	-350	0	0

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Mass ordinate for TOPSOIL = 336

87+85.26 EARTH

Excavation	8.9	0	0	0.85		268	228
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	21.2	0	0	1.00	-350	578	578

TOPSOIL

Excavation	5.4	0	0	0.85		121	102
Subsoil Exc	10.6	0	0	1.00		234	234
Fill	0.0	0	0	1.00	-350	0	0

Mass ordinate for TOPSOIL = 336

88+00.00 EARTH

Excavation	4.2	4	3	0.85		272	231
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	44.1	18	18	1.00	-365	596	596

TOPSOIL

Excavation	2.1	2	2	0.85		123	104
Subsoil Exc	14.5	7	7	1.00		241	241
Fill	0.0	0	0	1.00	-365	0	0

Mass ordinate for TOPSOIL = 345

88+21.04 EARTH

Excavation	3.7	3	3	0.85		275	234
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	42.2	34	34	1.00	-396	630	630

TOPSOIL

Excavation	2.0	2	1	0.85		125	105
Subsoil Exc	14.8	11	11	1.00		252	252

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Fill	0.0	0	0	1.00	-396	0	0
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Mass ordinate for TOPSOIL = 357

88+50.00 EARTH

Excavation	3.4	4	3	0.85		279	237
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	37.6	43	43	1.00	-436	673	673

TOPSOIL

Excavation	2.4	2	2	0.85		127	107
Subsoil Exc	15.1	16	16	1.00		268	268
Fill	0.0	0	0	1.00	-436	0	0

Mass ordinate for TOPSOIL = 375

88+58.04 EARTH

Excavation	2.9	1	1	0.85		280	238
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	36.5	11	11	1.00	-446	684	684

TOPSOIL

Excavation	2.1	1	1	0.85		128	108
Subsoil Exc	15.0	4	4	1.00		272	272
Fill	0.0	0	0	1.00	-446	0	0

Mass ordinate for TOPSOIL = 380

88+82.47 EARTH

Excavation	1.3	2	2	0.85		282	240
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	37.2	33	33	1.00	-477	717	717

TOPSOIL

Excavation	1.5	2	1	0.85		130	109
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Subsoil Exc	14.7	13	13	1.00		285	285
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Fill	0.0	0	0	1.00	-477	0	0
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Mass ordinate for TOPSOIL = 394

89+00.00 EARTH

Excavation	0.4	1	0	0.85		283	240
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	36.9	24	24	1.00	-501	741	741
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TOPSOIL

Excavation	2.1	1	1	0.85		131	110
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Subsoil Exc	14.3	9	9	1.00		294	294
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Fill	0.0	0	0	1.00	-501	0	0
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Mass ordinate for TOPSOIL = 404

89+50.00 EARTH

Excavation	25.6	24	20	0.85		307	260
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	16.4	49	49	1.00	-530	790	790
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TOPSOIL

Excavation	13.8	15	13	0.85		146	123
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Subsoil Exc	8.7	21	21	1.00		315	315
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Fill	0.0	0	0	1.00	-530	0	0
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Mass ordinate for TOPSOIL = 438

90+00.00 EARTH

Excavation	70.1	89	75	0.85		396	335
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	3.8	19	19	1.00	-474	809	809
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Excavation	17.5	29	25	0.85		175	148
Subsoil Exc	3.6	11	11	1.00		326	326
Fill	0.0	0	0	1.00	-474	0	0
Mass ordinate for TOPSOIL = 474							

90+12.77 EARTH

Excavation	78.1	35	30	0.85		431	365
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.2	1	1	1.00	-445	810	810
TOPSOIL							
Excavation	18.6	9	7	0.85		184	155
Subsoil Exc	2.2	1	1	1.00		327	327
Fill	0.0	0	0	1.00	-445	0	0
Mass ordinate for TOPSOIL = 482							

90+27.64 EARTH

Excavation	81.5	44	37	0.85		475	402
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.2	1	1	1.00	-409	811	811
TOPSOIL							
Excavation	19.6	11	9	0.85		195	164
Subsoil Exc	2.2	1	1	1.00		328	328
Fill	0.0	0	0	1.00	-409	0	0
Mass ordinate for TOPSOIL = 492							

90+49.77 EARTH

Excavation	54.9	56	48	0.85		531	450
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	1.0	1	1	1.00	-362	812	812

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TOPSOIL

Excavation	17.0	15	13	0.85		210	177
Subsoil Exc	1.0	1	1	1.00		329	329
Fill	0.0	0	0	1.00	-362	0	0
Mass ordinate for TOPSOIL = 506							

90+50.00 EARTH

Excavation	54.9	0	0	0.85		531	450
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	1.0	0	0	1.00	-362	812	812

TOPSOIL

Excavation	17.0	0	0	0.85		210	177
Subsoil Exc	1.0	0	0	1.00		329	329
Fill	0.0	0	0	1.00	-362	0	0
Mass ordinate for TOPSOIL = 506							

90+65.77 EARTH

Excavation	62.3	34	29	0.85		565	479
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	1.2	1	1	1.00	-334	813	813

TOPSOIL

Excavation	21.0	11	9	0.85		221	186
Subsoil Exc	1.2	1	1	1.00		330	330
Fill	0.0	0	0	1.00	-334	0	0
Mass ordinate for TOPSOIL = 516							

90+85.40 EARTH

Excavation	52.0	42	35	0.85		607	514
Subsoil Exc	0.0	0	0	1.00		0	0

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Fill	2.0	1	1	1.00	-300	814	814
TOPSOIL							
Excavation	16.9	14	12	0.85		235	198
Subsoil Exc	1.9	1	1	1.00		331	331
Fill	0.0	0	0	1.00	-300	0	0
Mass ordinate for TOPSOIL = 529							

91+00.00 EARTH

Excavation	75.9	35	29	0.85		642	543
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.7	1	1	1.00	-272	815	815
TOPSOIL							
Excavation	20.7	10	9	0.85		245	207
Subsoil Exc	2.5	1	1	1.00		332	332
Fill	0.0	0	0	1.00	-272	0	0
Mass ordinate for TOPSOIL = 539							

91+18.77 EARTH

Excavation	97.1	60	51	0.85		702	594
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.7	2	2	1.00	-223	817	817
TOPSOIL							
Excavation	20.4	14	12	0.85		259	219
Subsoil Exc	2.4	2	2	1.00		334	334
Fill	0.0	0	0	1.00	-223	0	0
Mass ordinate for TOPSOIL = 553							

91+22.68 EARTH

Excavation	99.4	14	12	0.85		716	606
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	2.7	0	0	1.00	-211	817	817
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TOPSOIL

Excavation	20.7	3	3	0.85		262	222
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Subsoil Exc	2.3	0	0	1.00		334	334
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Fill	0.0	0	0	1.00	-211	0	0
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Mass ordinate for TOPSOIL = 556

91+50.00 EARTH

Excavation	58.5	80	68	0.85		796	674
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	1.7	2	2	1.00	-145	819	819
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TOPSOIL

Excavation	17.2	19	16	0.85		281	238
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Subsoil Exc	1.6	2	2	1.00		336	336
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Fill	0.0	0	0	1.00	-145	0	0
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Mass ordinate for TOPSOIL = 574

91+52.47 EARTH

Excavation	56.0	5	4	0.85		801	678
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	1.6	0	0	1.00	-141	819	819
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TOPSOIL

Excavation	17.2	2	1	0.85		283	239
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Subsoil Exc	1.6	0	0	1.00		336	336
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Fill	0.0	0	0	1.00	-141	0	0
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Mass ordinate for TOPSOIL = 575

91+56.05 EARTH

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Excavation	53.0	7	6	0.85		808	684
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	0.9	0	0	1.00	-135	819	819
TOPSOIL							
Excavation	17.1	2	2	0.85		285	241
Subsoil Exc	0.9	0	0	1.00		336	336
Fill	0.0	0	0	1.00	-135	0	0
Mass ordinate for TOPSOIL = 577							

Excavation	43.0	29	25	0.85		837	709
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	1.2	1	1	1.00	-111	820	820
PSOIL							
Excavation	16.2	10	9	0.85		295	250
Subsoil Exc	1.2	1	1	1.00		337	337
Fill	0.0	0	0	1.00	-111	0	0
Mass ordinate for TOPSOIL = 587							

Excavation	41.6	5	4	0.85		842	713
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	1.4	0	0	1.00	-107	820	820
PSOIL							
Excavation	15.8	2	2	0.85		297	252
Subsoil Exc	1.4	0	0	1.00		337	337
Fill	0.0	0	0	1.00	-107	0	0
Mass ordinate for TOPSOIL = 589							

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91+91.68 EARTH

Excavation	36.5	23	20	0.85		865	733
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.6	1	1	1.00	-88	821	821

TOPSOIL

Excavation	14.1	9	8	0.85		306	260
Subsoil Exc	2.5	1	1	1.00		338	338
Fill	0.0	0	0	1.00	-88	0	0

Mass ordinate for TOPSOIL = 598

92+00.00 EARTH

Excavation	33.7	11	9	0.85		876	742
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.2	1	1	1.00	-80	822	822

TOPSOIL

Excavation	13.5	4	4	0.85		310	264
Subsoil Exc	3.1	1	1	1.00		339	339
Fill	0.0	0	0	1.00	-80	0	0

Mass ordinate for TOPSOIL = 603

92+28.68 EARTH

Excavation	31.5	35	29	0.85		911	771
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.6	5	5	1.00	-56	827	827

TOPSOIL

Excavation	12.2	14	12	0.85		324	276
Subsoil Exc	4.5	4	4	1.00		343	343
Fill	0.0	0	0	1.00	-56	0	0

Mass ordinate for TOPSOIL = 619

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92+50.00 EARTH

Excavation	23.9	22	19	0.85		933	790
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	13.8	8	8	1.00	-45	835	835

TOPSOIL

Excavation	8.8	8	7	0.85		332	283
Subsoil Exc	8.5	5	5	1.00		348	348
Fill	0.0	0	0	1.00	-45	0	0

Mass ordinate for TOPSOIL = 631

93+00.00 EARTH

Excavation	35.0	55	46	0.85		988	836
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.5	18	18	1.00	-17	853	853

TOPSOIL

Excavation	12.9	20	17	0.85		352	300
Subsoil Exc	4.8	12	12	1.00		360	360
Fill	0.0	0	0	1.00	-17	0	0

Mass ordinate for TOPSOIL = 660

93+07.50 EARTH

Excavation	38.7	10	9	0.85		998	845
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.5	1	1	1.00	-9	854	854

TOPSOIL

Excavation	13.8	4	3	0.85		356	303
Subsoil Exc	4.2	1	1	1.00		361	361
Fill	0.0	0	0	1.00	-9	0	0

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Mass ordinate for TOPSOIL = 664

93+25.00 EARTH

Excavation	50.3	29	25	0.85		1027	870
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.8	2	2	1.00	14	856	856

TOPSOIL

Excavation	16.3	10	8	0.85		366	311
Subsoil Exc	2.8	2	2	1.00		363	363
Fill	0.0	0	0	1.00	14	0	0

Mass ordinate for TOPSOIL = 674

93+50.00 EARTH

Excavation	61.9	52	44	0.85		1079	914
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.2	3	3	1.00	55	859	859

TOPSOIL

Excavation	18.3	16	14	0.85		382	325
Subsoil Exc	3.0	3	3	1.00		366	366
Fill	0.0	0	0	1.00	55	0	0

Mass ordinate for TOPSOIL = 691

94+00.00 EARTH

Excavation	107.9	157	134	0.85		1236	1048
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.7	8	8	1.00	181	867	867

TOPSOIL

Excavation	20.7	36	31	0.85		418	356
Subsoil Exc	4.4	7	7	1.00		373	373

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Fill	0.0	0	0	1.00	181	0	0
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Mass ordinate for TOPSOIL = 729

94+50.00 EARTH

Excavation	104.7	197	167	0.85		1433	1215
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.5	9	9	1.00	339	876	876

TOPSOIL

Excavation	20.9	39	33	0.85		457	389
Subsoil Exc	2.7	7	7	1.00		380	380
Fill	0.0	0	0	1.00	339	0	0

Mass ordinate for TOPSOIL = 769

94+55.00 EARTH

Excavation	101.3	19	16	0.85		1452	1231
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.5	1	1	1.00	354	877	877

TOPSOIL

Excavation	20.8	4	3	0.85		461	392
Subsoil Exc	2.7	1	1	1.00		381	381
Fill	0.0	0	0	1.00	354	0	0

Mass ordinate for TOPSOIL = 773

95+00.00 EARTH

Excavation	84.5	155	132	0.85		1607	1363
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.5	7	7	1.00	479	884	884

TOPSOIL

Excavation	18.7	33	28	0.85		494	420
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Subsoil Exc	3.1	5	5	1.00		386	386
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Fill	0.0	0	0	1.00	479	0	0
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Mass ordinate for TOPSOIL = 806

95+50.00 EARTH

Excavation	41.6	117	99	0.85		1724	1462
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	11.5	15	15	1.00	563	899	899
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TOPSOIL

Excavation	13.5	30	25	0.85		524	445
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Subsoil Exc	6.3	9	9	1.00		395	395
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Fill	0.0	0	0	1.00	563	0	0
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Mass ordinate for TOPSOIL = 840

96+00.00 EARTH

Excavation	23.1	60	51	0.85		1784	1513
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	20.4	30	30	1.00	584	929	929
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TOPSOIL

Excavation	11.2	23	19	0.85		547	464
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Subsoil Exc	9.5	15	15	1.00		410	410
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Fill	0.0	0	0	1.00	584	0	0
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Mass ordinate for TOPSOIL = 874

96+30.00 EARTH

Excavation	19.8	24	20	0.85		1808	1533
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	27.2	26	26	1.00	578	955	955
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TOPSOIL

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Excavation	10.0	12	10	0.85		559	474
Subsoil Exc	10.6	11	11	1.00		421	421
Fill	0.0	0	0	1.00	578	0	0

Mass ordinate for TOPSOIL = 895

96+50.00 EARTH

Excavation	24.3	16	14	0.85		1824	1547
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	32.6	22	22	1.00	570	977	977

TOPSOIL

Excavation	11.2	8	7	0.85		567	481
Subsoil Exc	11.2	8	8	1.00		429	429
Fill	0.0	0	0	1.00	570	0	0

Mass ordinate for TOPSOIL = 910

97+00.00 EARTH

Excavation	25.8	46	39	0.85		1870	1586
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	35.7	63	63	1.00	546	1040	1040

TOPSOIL

Excavation	12.3	22	18	0.85		589	499
Subsoil Exc	10.8	20	20	1.00		449	449
Fill	0.0	0	0	1.00	546	0	0

Mass ordinate for TOPSOIL = 948

97+30.00 EARTH

Excavation	45.7	40	34	0.85		1910	1620
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	29.8	36	36	1.00	544	1076	1076

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TOPSOIL

Excavation	14.5	15	13	0.85		604	512
Subsoil Exc	9.6	11	11	1.00		460	460
Fill	0.0	0	0	1.00	544	0	0
Mass ordinate for TOPSOIL = 972							

97+50.00 EARTH

Excavation	59.0	39	33	0.85		1949	1653
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	28.6	22	22	1.00	555	1098	1098

TOPSOIL

Excavation	14.4	11	9	0.85		615	521
Subsoil Exc	9.6	7	7	1.00		467	467
Fill	0.0	0	0	1.00	555	0	0
Mass ordinate for TOPSOIL = 988							

98+00.00 EARTH

Excavation	52.6	103	88	0.85		2052	1741
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	28.0	52	52	1.00	591	1150	1150

TOPSOIL

Excavation	12.9	25	21	0.85		640	542
Subsoil Exc	10.0	18	18	1.00		485	485
Fill	0.0	0	0	1.00	591	0	0
Mass ordinate for TOPSOIL = 1027							

98+50.00 EARTH

Excavation	54.1	99	84	0.85		2151	1825
Subsoil Exc	0.0	0	0	1.00		0	0

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Fill	29.1	53	53	1.00	622	1203	1203
TOPSOIL							
Excavation	14.6	25	22	0.85		665	564
Subsoil Exc	10.8	19	19	1.00		504	504
Fill	0.0	0	0	1.00	622	0	0
Mass ordinate for TOPSOIL = 1068							

99+00.00 EARTH

Excavation	76.5	121	103	0.85		2272	1928
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	18.5	44	44	1.00	681	1247	1247
TOPSOIL							
Excavation	18.1	30	26	0.85		695	590
Subsoil Exc	8.8	18	18	1.00		522	522
Fill	0.0	0	0	1.00	681	0	0
Mass ordinate for TOPSOIL = 1112							

99+50.00 EARTH

Excavation	83.2	148	126	0.85		2420	2054
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	1.1	18	18	1.00	789	1265	1265
TOPSOIL							
Excavation	21.9	37	31	0.85		732	621
Subsoil Exc	1.1	9	9	1.00		531	531
Fill	0.0	0	0	1.00	789	0	0
Mass ordinate for TOPSOIL = 1152							

99+55.00 EARTH

Excavation	73.3	14	12	0.85		2434	2066
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	2.1	0	0	1.00	801	1265	1265
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TOPSOIL

Excavation	21.2	4	3	0.85		736	624
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Subsoil Exc	2.1	0	0	1.00		531	531
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Fill	0.0	0	0	1.00	801	0	0
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Mass ordinate for TOPSOIL = 1155

100+00.00 EARTH

Excavation	64.5	115	98	0.85		2549	2164
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	14.5	14	14	1.00	885	1279	1279
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TOPSOIL

Excavation	16.5	31	27	0.85		767	651
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Subsoil Exc	7.0	8	8	1.00		539	539
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Fill	0.0	0	0	1.00	885	0	0
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Mass ordinate for TOPSOIL = 1190

100+50.00 EARTH

Excavation	77.1	131	111	0.85		2680	2275
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	18.9	31	31	1.00	965	1310	1310
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TOPSOIL

Excavation	16.3	30	26	0.85		797	677
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Subsoil Exc	9.0	15	15	1.00		554	554
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Fill	0.0	0	0	1.00	965	0	0
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Mass ordinate for TOPSOIL = 1231

100+55.00 EARTH

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FEDERAL PROJECT NO:
ROUTE NO. OR STREET:TARPLEY SHOP ROAD

Excavation	77.8	14	12	0.85		2694	2287
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	27.1	4	4	1.00	973	1314	1314
TOPSOIL							
Excavation	16.3	3	3	0.85		800	680
Subsoil Exc	17.6	2	2	1.00		556	556
Fill	0.0	0	0	1.00	973	0	0
Mass ordinate for TOPSOIL = 1236							

Excavation	77.3	43	37	0.85		2737	2324
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	17.4	12	12	1.00	998	1326	1326
TOPSOIL							
Excavation	16.2	9	8	0.85		809	688
Subsoil Exc	8.6	7	7	1.00		563	563
Fill	0.0	0	0	1.00	998	0	0
Mass ordinate for TOPSOIL = 1251							

Excavation	66.1	80	68	0.85		2817	2392
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	14.1	18	18	1.00	1048	1344	1344
TOPSOIL							
Excavation	15.9	18	15	0.85		827	703
Subsoil Exc	7.8	9	9	1.00		572	572
Fill	0.0	0	0	1.00	1048	0	0
Mass ordinate for TOPSOIL = 1275							

GRADING REPORT

COMPUTED BY:AEJ
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 PIN:128996.00
 COUNTY: GILES

101+50.00 EARTH

Excavation	26.7	86	73	0.85		2903	2465
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	15.6	28	28	1.00	1093	1372	1372

TOPSOIL

Excavation	11.7	26	22	0.85		853	725
Subsoil Exc	8.1	15	15	1.00		587	587
Fill	0.0	0	0	1.00	1093	0	0

Mass ordinate for TOPSOIL = 1312

101+80.00 EARTH

Excavation	68.8	53	45	0.85		2956	2510
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	11.1	15	15	1.00	1123	1387	1387

TOPSOIL

Excavation	15.8	15	13	0.85		868	738
Subsoil Exc	7.3	9	9	1.00		596	596
Fill	0.0	0	0	1.00	1123	0	0

Mass ordinate for TOPSOIL = 1334

102+00.00 EARTH

Excavation	32.2	37	32	0.85		2993	2542
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	10.1	8	8	1.00	1147	1395	1395

TOPSOIL

Excavation	13.9	11	9	0.85		879	747
Subsoil Exc	7.6	6	6	1.00		602	602
Fill	0.0	0	0	1.00	1147	0	0

Mass ordinate for TOPSOIL = 1349

GRADING REPORT

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 COUNTY: GILES

102+22.50 EARTH

Excavation	63.8	40	34	0.85		3033	2576
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.3	6	6	1.00	1175	1401	1401

TOPSOIL

Excavation	14.8	12	10	0.85		891	757
Subsoil Exc	3.9	5	5	1.00		607	607
Fill	0.0	0	0	1.00	1175	0	0

Mass ordinate for TOPSOIL = 1364

102+50.00 EARTH

Excavation	38.2	52	44	0.85		3085	2620
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.4	5	5	1.00	1214	1406	1406

TOPSOIL

Excavation	11.6	13	11	0.85		904	768
Subsoil Exc	3.5	4	4	1.00		611	611
Fill	0.0	0	0	1.00	1214	0	0

Mass ordinate for TOPSOIL = 1379

103+00.00 EARTH

Excavation	28.3	62	52	0.85		3147	2672
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	7.6	11	11	1.00	1255	1417	1417

TOPSOIL

Excavation	10.1	20	17	0.85		924	785
Subsoil Exc	4.6	8	8	1.00		619	619
Fill	0.0	0	0	1.00	1255	0	0

GRADING REPORT

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 COUNTY: GILES

Mass ordinate for TOPSOIL = 1404

103+50.00 EARTH

Excavation	33.2	57	48	0.85		3204	2720
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.9	13	13	1.00	1290	1430	1430

TOPSOIL

Excavation	11.4	20	17	0.85		944	802
Subsoil Exc	4.5	8	8	1.00		627	627
Fill	0.0	0	0	1.00	1290	0	0

Mass ordinate for TOPSOIL = 1429

103+57.50 EARTH

Excavation	31.5	9	8	0.85		3213	2728
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.8	2	2	1.00	1296	1432	1432

TOPSOIL

Excavation	11.6	3	3	0.85		947	805
Subsoil Exc	4.4	1	1	1.00		628	628
Fill	0.0	0	0	1.00	1296	0	0

Mass ordinate for TOPSOIL = 1433

104+00.00 EARTH

Excavation	35.4	53	45	0.85		3266	2773
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.9	7	7	1.00	1334	1439	1439

TOPSOIL

Excavation	14.0	20	17	0.85		967	822
Subsoil Exc	2.8	6	6	1.00		634	634

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Fill	0.0	0	0	1.00	1334	0	0
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Mass ordinate for TOPSOIL = 1456

104+50.00 EARTH

Excavation	38.4	68	58	0.85		3334	2831
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.7	6	6	1.00	1386	1445	1445

TOPSOIL

Excavation	1.0	14	12	0.85		981	834
Subsoil Exc	3.2	6	6	1.00		640	640
Fill	0.0	0	0	1.00	1386	0	0

Mass ordinate for TOPSOIL = 1474

104+85.00 EARTH

Excavation	22.4	39	33	0.85		3373	2864
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	10.6	9	9	1.00	1410	1454	1454

TOPSOIL

Excavation	17.5	12	10	0.85		993	844
Subsoil Exc	4.8	5	5	1.00		645	645
Fill	0.0	0	0	1.00	1410	0	0

Mass ordinate for TOPSOIL = 1489

105+00.00 EARTH

Excavation	37.2	17	14	0.85		3390	2878
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	13.1	7	7	1.00	1417	1461	1461

TOPSOIL

Excavation	1.0	5	4	0.85		998	848
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 COUNTY: GILES

Subsoil Exc	5.2	3	3	1.00		648	648
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Fill	0.0	0	0	1.00	1417	0	0
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Mass ordinate for TOPSOIL = 1496

105+05.09 EARTH

Excavation	34.9	7	6	0.85		3397	2884
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	13.6	3	3	1.00	1420	1464	1464
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TOPSOIL

Excavation	2.1	0	0	0.85		998	848
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Subsoil Exc	5.3	1	1	1.00		649	649
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Fill	0.0	0	0	1.00	1420	0	0
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Mass ordinate for TOPSOIL = 1497

105+42.09 EARTH

Excavation	22.4	39	33	0.85		3436	2917
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	18.3	22	22	1.00	1431	1486	1486
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TOPSOIL

Excavation	10.7	9	7	0.85		1007	855
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Subsoil Exc	9.1	10	10	1.00		659	659
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Fill	0.0	0	0	1.00	1431	0	0
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Mass ordinate for TOPSOIL = 1514

105+50.00 EARTH

Excavation	19.6	6	5	0.85		3442	2922
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	17.4	5	5	1.00	1431	1491	1491
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TOPSOIL

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 COUNTY: GILES

Excavation	9.5	3	3	0.85		1010	858
Subsoil Exc	9.7	3	3	1.00		662	662
Fill	0.0	0	0	1.00	1431	0	0

Mass ordinate for TOPSOIL = 1520

105+58.09 EARTH

Excavation	17.0	5	5	0.85		3447	2927
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	17.3	5	5	1.00	1431	1496	1496

TOPSOIL

Excavation	7.8	3	2	0.85		1013	860
Subsoil Exc	11.0	3	3	1.00		665	665
Fill	0.0	0	0	1.00	1431	0	0

Mass ordinate for TOPSOIL = 1525

105+77.72 EARTH

Excavation	17.6	13	11	0.85		3460	2938
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	12.6	11	11	1.00	1431	1507	1507

TOPSOIL

Excavation	8.0	6	5	0.85		1019	865
Subsoil Exc	8.1	7	7	1.00		672	672
Fill	0.0	0	0	1.00	1431	0	0

Mass ordinate for TOPSOIL = 1537

106+00.00 EARTH

Excavation	19.7	15	13	0.85		3475	2951
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	12.8	10	10	1.00	1434	1517	1517

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TOPSOIL

Excavation	7.5	6	5	0.85		1025	870
Subsoil Exc	6.4	6	6	1.00		678	678
Fill	0.0	0	0	1.00	1434	0	0

Mass ordinate for TOPSOIL = 1548

106+05.00 EARTH

Excavation	18.3	4	3	0.85		3479	2954
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	15.0	3	3	1.00	1434	1520	1520

TOPSOIL

Excavation	7.9	1	1	0.85		1026	871
Subsoil Exc	7.4	1	1	1.00		679	679
Fill	0.0	0	0	1.00	1434	0	0

Mass ordinate for TOPSOIL = 1550

106+11.09 EARTH

Excavation	16.6	4	3	0.85		3483	2957
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	16.0	3	3	1.00	1434	1523	1523

TOPSOIL

Excavation	6.7	2	1	0.85		1028	872
Subsoil Exc	6.9	2	2	1.00		681	681
Fill	0.0	0	0	1.00	1434	0	0

Mass ordinate for TOPSOIL = 1553

106+50.00 EARTH

Excavation	10.1	19	16	0.85		3502	2973
Subsoil Exc	0.0	0	0	1.00		0	0

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 COUNTY: GILES

Fill	24.2	29	29	1.00	1421	1552	1552
TOPSOIL							
Excavation	5.4	9	7	0.85		1037	879
Subsoil Exc	8.5	11	11	1.00		692	692
Fill	0.0	0	0	1.00	1421	0	0
Mass ordinate for TOPSOIL = 1571							

107+00.00 EARTH

Excavation	9.2	18	15	0.85		3520	2988
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	29.9	50	50	1.00	1386	1602	1602
TOPSOIL							
Excavation	1.7	7	6	0.85		1044	885
Subsoil Exc	10.8	18	18	1.00		710	710
Fill	0.0	0	0	1.00	1386	0	0
Mass ordinate for TOPSOIL = 1595							

107+05.00 EARTH

Excavation	9.9	2	2	0.85		3522	2990
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	29.9	6	6	1.00	1382	1608	1608
TOPSOIL							
Excavation	1.7	0	0	0.85		1044	885
Subsoil Exc	10.8	2	2	1.00		712	712
Fill	0.0	0	0	1.00	1382	0	0
Mass ordinate for TOPSOIL = 1597							

107+15.00 EARTH

Excavation	11.2	4	3	0.85		3526	2993
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 COUNTY: GILES

Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	29.9	11	11	1.00	1374	1619	1619
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TOPSOIL

Excavation	1.7	1	1	0.85		1045	886
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Subsoil Exc	10.7	4	4	1.00		716	716
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Fill	0.0	0	0	1.00	1374	0	0
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Mass ordinate for TOPSOIL = 1602

107+50.00 EARTH

Excavation	18.0	19	16	0.85		3545	3009
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	35.2	42	42	1.00	1348	1661	1661
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TOPSOIL

Excavation	2.8	3	2	0.85		1048	888
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Subsoil Exc	9.8	13	13	1.00		729	729
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Fill	0.0	0	0	1.00	1348	0	0
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Mass ordinate for TOPSOIL = 1617

108+00.00 EARTH

Excavation	23.8	39	33	0.85		3584	3042
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	53.7	82	82	1.00	1299	1743	1743
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TOPSOIL

Excavation	6.0	8	7	0.85		1056	895
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Subsoil Exc	9.9	18	18	1.00		747	747
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Fill	0.0	0	0	1.00	1299	0	0
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Mass ordinate for TOPSOIL = 1642

108+15.00 EARTH

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Excavation	25.1	14	12	0.85		3598	3054
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	57.5	31	31	1.00	1280	1774	1774
TOPSOIL							
Excavation	6.7	4	3	0.85		1060	898
Subsoil Exc	8.7	5	5	1.00		752	752
Fill	0.0	0	0	1.00	1280	0	0
Mass ordinate for TOPSOIL = 1650							

Excavation	24.6	32	27	0.85		3630	3081
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.8	40	40	1.00	1267	1814	1814
TOPSOIL							
Excavation	7.2	9	8	0.85		1069	906
Subsoil Exc	3.8	8	8	1.00		760	760
Fill	0.0	0	0	1.00	1267	0	0
Mass ordinate for TOPSOIL = 1666							

Excavation	24.2	39	33	0.85		3669	3114
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	8.4	10	10	1.00	1290	1824	1824
TOPSOIL							
Excavation	5.6	10	9	0.85		1079	915
Subsoil Exc	7.2	9	9	1.00		769	769
Fill	0.0	0	0	1.00	1290	0	0
Mass ordinate for TOPSOIL = 1684							

GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
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 COUNTY: GILES

109+00.00 EARTH

Excavation	23.9	6	5	0.85		3675	3119
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	8.3	2	2	1.00	1293	1826	1826

TOPSOIL

Excavation	5.4	1	1	0.85		1080	916
Subsoil Exc	7.7	2	2	1.00		771	771
Fill	0.0	0	0	1.00	1293	0	0

Mass ordinate for TOPSOIL = 1687

109+15.00 EARTH

Excavation	23.4	13	11	0.85		3688	3130
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	9.5	5	5	1.00	1299	1831	1831

TOPSOIL

Excavation	5.2	3	3	0.85		1083	919
Subsoil Exc	7.8	4	4	1.00		775	775
Fill	0.0	0	0	1.00	1299	0	0

Mass ordinate for TOPSOIL = 1694

109+26.30 EARTH

Excavation	23.0	10	8	0.85		3698	3138
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	14.5	5	5	1.00	1302	1836	1836

TOPSOIL

Excavation	4.6	2	2	0.85		1085	921
Subsoil Exc	8.8	3	3	1.00		778	778
Fill	0.0	0	0	1.00	1302	0	0

Mass ordinate for TOPSOIL = 1699

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 COUNTY: GILES

109+45.93 EARTH

Excavation	25.7	18	15	0.85		3716	3153
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.0	7	7	1.00	1310	1843	1843

TOPSOIL

Excavation	11.3	6	5	0.85		1091	926
Subsoil Exc	4.0	5	5	1.00		783	783
Fill	0.0	0	0	1.00	1310	0	0

Mass ordinate for TOPSOIL = 1709

109+50.00 EARTH

Excavation	26.4	4	3	0.85		3720	3156
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.3	1	1	1.00	1312	1844	1844

TOPSOIL

Excavation	12.2	2	2	0.85		1093	928
Subsoil Exc	3.4	1	1	1.00		784	784
Fill	0.0	0	0	1.00	1312	0	0

Mass ordinate for TOPSOIL = 1712

109+61.00 EARTH

Excavation	30.2	12	10	0.85		3732	3166
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.4	2	2	1.00	1320	1846	1846

TOPSOIL

Excavation	13.6	5	4	0.85		1098	932
Subsoil Exc	2.9	1	1	1.00		785	785
Fill	0.0	0	0	1.00	1320	0	0

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Mass ordinate for TOPSOIL = 1717

109+61.93 EARTH

Excavation	30.6	1	1	0.85		3733	3167
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.4	0	0	1.00	1321	1846	1846

TOPSOIL

Excavation	13.7	0	0	0.85		1098	932
Subsoil Exc	2.9	0	0	1.00		785	785
Fill	0.0	0	0	1.00	1321	0	0

Mass ordinate for TOPSOIL = 1717

109+98.93 EARTH

Excavation	44.5	51	44	0.85		3784	3211
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.5	4	4	1.00	1361	1850	1850

TOPSOIL

Excavation	15.5	20	17	0.85		1118	949
Subsoil Exc	2.4	4	4	1.00		789	789
Fill	0.0	0	0	1.00	1361	0	0

Mass ordinate for TOPSOIL = 1738

110+00.00 EARTH

Excavation	44.5	2	1	0.85		3786	3212
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.5	0	0	1.00	1362	1850	1850

TOPSOIL

Excavation	15.5	1	1	0.85		1119	950
Subsoil Exc	2.4	0	0	1.00		789	789

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Fill	0.0	0	0	1.00	1362	0	0
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Mass ordinate for TOPSOIL = 1739

110+50.00 EARTH

Excavation	46.1	84	71	0.85		3870	3283
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.6	5	5	1.00	1428	1855	1855

TOPSOIL

Excavation	14.4	28	24	0.85		1147	974
Subsoil Exc	2.5	5	5	1.00		794	794
Fill	0.0	0	0	1.00	1428	0	0

Mass ordinate for TOPSOIL = 1768

110+69.00 EARTH

Excavation	46.2	32	28	0.85		3902	3311
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.8	2	2	1.00	1454	1857	1857

TOPSOIL

Excavation	14.5	10	9	0.85		1157	983
Subsoil Exc	2.6	2	2	1.00		796	796
Fill	0.0	0	0	1.00	1454	0	0

Mass ordinate for TOPSOIL = 1779

111+00.00 EARTH

Excavation	43.1	51	44	0.85		3953	3355
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.1	3	3	1.00	1495	1860	1860

TOPSOIL

Excavation	14.1	16	14	0.85		1173	997
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Subsoil Exc	2.8	3	3	1.00		799	799
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Fill	0.0	0	0	1.00	1495	0	0
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Mass ordinate for TOPSOIL = 1796

111+15.00 EARTH

Excavation	13.2	16	13	0.85		3969	3368
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	2.8	2	2	1.00	1506	1862	1862
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TOPSOIL

Excavation	11.4	7	6	0.85		1180	1003
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Subsoil Exc	2.5	1	1	1.00		800	800
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Fill	0.0	0	0	1.00	1506	0	0
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Mass ordinate for TOPSOIL = 1803

111+50.00 EARTH

Excavation	37.6	33	28	0.85		4002	3396
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	3.1	4	4	1.00	1530	1866	1866
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TOPSOIL

Excavation	12.2	15	13	0.85		1195	1016
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Subsoil Exc	2.7	3	3	1.00		803	803
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Fill	0.0	0	0	1.00	1530	0	0
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Mass ordinate for TOPSOIL = 1819

112+00.00 EARTH

Excavation	36.1	68	58	0.85		4070	3454
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	3.5	6	6	1.00	1582	1872	1872
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TOPSOIL

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Excavation	10.6	21	18	0.85		1216	1034
Subsoil Exc	2.9	5	5	1.00		808	808
Fill	0.0	0	0	1.00	1582	0	0

Mass ordinate for TOPSOIL = 1842

112+50.00 EARTH

Excavation	35.9	67	57	0.85		4137	3511
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.0	6	6	1.00	1633	1878	1878

TOPSOIL

Excavation	10.5	20	17	0.85		1236	1051
Subsoil Exc	2.5	5	5	1.00		813	813
Fill	0.0	0	0	1.00	1633	0	0

Mass ordinate for TOPSOIL = 1864

112+67.01 EARTH

Excavation	35.5	22	19	0.85		4159	3530
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	3.0	2	2	1.00	1650	1880	1880

TOPSOIL

Excavation	10.5	7	6	0.85		1243	1057
Subsoil Exc	2.5	2	2	1.00		815	815
Fill	0.0	0	0	1.00	1650	0	0

Mass ordinate for TOPSOIL = 1872

113+00.00 EARTH

Excavation	27.0	38	32	0.85		4197	3562
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.6	5	5	1.00	1677	1885	1885

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TOPSOIL

Excavation	9.1	12	10	0.85		1255	1067
Subsoil Exc	3.7	4	4	1.00		819	819
Fill	0.0	0	0	1.00	1677	0	0

Mass ordinate for TOPSOIL = 1886

113+04.01 EARTH

Excavation	26.2	4	3	0.85		4201	3565
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.9	1	1	1.00	1679	1886	1886

TOPSOIL

Excavation	8.8	1	1	0.85		1256	1068
Subsoil Exc	3.9	1	1	1.00		820	820
Fill	0.0	0	0	1.00	1679	0	0

Mass ordinate for TOPSOIL = 1888

113+14.51 EARTH

Excavation	24.4	10	8	0.85		4211	3573
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.2	2	2	1.00	1685	1888	1888

TOPSOIL

Excavation	8.9	3	3	0.85		1259	1071
Subsoil Exc	4.0	2	2	1.00		822	822
Fill	0.0	0	0	1.00	1685	0	0

Mass ordinate for TOPSOIL = 1893

113+39.51 EARTH

Excavation	21.4	21	18	0.85		4232	3591
Subsoil Exc	0.0	0	0	1.00		0	0

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Fill	6.6	5	5	1.00	1698	1893	1893
TOPSOIL							
Excavation	8.7	8	7	0.85		1267	1078
Subsoil Exc	4.9	4	4	1.00		826	826
Fill	0.0	0	0	1.00	1698	0	0
Mass ordinate for TOPSOIL = 1904							

113+50.00 EARTH

Excavation	21.6	8	7	0.85		4240	3598
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	7.4	3	3	1.00	1702	1896	1896
TOPSOIL							
Excavation	8.6	3	3	0.85		1270	1081
Subsoil Exc	5.6	2	2	1.00		828	828
Fill	0.0	0	0	1.00	1702	0	0
Mass ordinate for TOPSOIL = 1909							

113+62.01 EARTH

Excavation	23.6	10	9	0.85		4250	3607
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	8.4	4	4	1.00	1707	1900	1900
TOPSOIL							
Excavation	9.0	4	3	0.85		1274	1084
Subsoil Exc	6.4	3	3	1.00		831	831
Fill	0.0	0	0	1.00	1707	0	0
Mass ordinate for TOPSOIL = 1915							

114+00.00 EARTH

Excavation	39.3	44	38	0.85		4294	3645
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	1.2	7	7	1.00	1738	1907	1907
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TOPSOIL

Excavation	13.8	16	14	0.85		1290	1098
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Subsoil Exc	1.2	5	5	1.00		836	836
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Fill	0.0	0	0	1.00	1738	0	0
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Mass ordinate for TOPSOIL = 1934

114+50.00 EARTH

Excavation	23.3	58	49	0.85		4352	3694
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	11.5	12	12	1.00	1775	1919	1919
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TOPSOIL

Excavation	8.2	20	17	0.85		1310	1115
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Subsoil Exc	10.3	11	11	1.00		847	847
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Fill	0.0	0	0	1.00	1775	0	0
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Mass ordinate for TOPSOIL = 1962

114+65.00 EARTH

Excavation	22.8	13	11	0.85		4365	3705
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	8.5	6	6	1.00	1780	1925	1925
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TOPSOIL

Excavation	8.2	5	4	0.85		1315	1119
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Subsoil Exc	5.5	4	4	1.00		851	851
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Fill	0.0	0	0	1.00	1780	0	0
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Mass ordinate for TOPSOIL = 1970

114+77.50 EARTH

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Excavation	32.1	13	11	0.85		4378	3716
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	9.3	4	4	1.00	1787	1929	1929
TOPSOIL							
Excavation	11.1	4	4	0.85		1319	1123
Subsoil Exc	6.0	3	3	1.00		854	854
Fill	0.0	0	0	1.00	1787	0	0
Mass ordinate for TOPSOIL = 1977							

115+00.00 EARTH

Excavation	34.2	28	23	0.85		4406	3739
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	10.8	8	8	1.00	1802	1937	1937
TOPSOIL							
Excavation	11.8	10	8	0.85		1329	1131
Subsoil Exc	7.1	5	5	1.00		859	859
Fill	0.0	0	0	1.00	1802	0	0
Mass ordinate for TOPSOIL = 1990							

115+50.00 EARTH

Excavation	32.0	61	52	0.85		4467	3791
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	10.2	19	19	1.00	1835	1956	1956
TOPSOIL							
Excavation	9.3	20	17	0.85		1349	1148
Subsoil Exc	7.0	13	13	1.00		872	872
Fill	0.0	0	0	1.00	1835	0	0
Mass ordinate for TOPSOIL = 2020							

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116+00.00 EARTH

Excavation	23.7	52	44	0.85		4519	3835
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	19.2	27	27	1.00	1852	1983	1983

TOPSOIL

Excavation	8.9	17	14	0.85		1366	1162
Subsoil Exc	9.3	15	15	1.00		887	887
Fill	0.0	0	0	1.00	1852	0	0

Mass ordinate for TOPSOIL = 2049

116+50.00 EARTH

Excavation	32.7	52	44	0.85		4571	3879
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	33.0	48	48	1.00	1848	2031	2031

TOPSOIL

Excavation	9.7	17	15	0.85		1383	1177
Subsoil Exc	9.9	18	18	1.00		905	905
Fill	0.0	0	0	1.00	1848	0	0

Mass ordinate for TOPSOIL = 2082

117+00.00 EARTH

Excavation	19.2	48	41	0.85		4619	3920
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	17.3	47	47	1.00	1842	2078	2078

TOPSOIL

Excavation	5.3	14	12	0.85		1397	1189
Subsoil Exc	10.5	19	19	1.00		924	924
Fill	0.0	0	0	1.00	1842	0	0

Mass ordinate for TOPSOIL = 2113

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117+20.00 EARTH

Excavation	22.9	16	13	0.85		4635	3933
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	18.9	13	13	1.00	1842	2091	2091

TOPSOIL

Excavation	5.8	4	3	0.85		1401	1192
Subsoil Exc	9.3	7	7	1.00		931	931
Fill	0.0	0	0	1.00	1842	0	0

Mass ordinate for TOPSOIL = 2123

117+22.49 EARTH

Excavation	23.4	2	2	0.85		4637	3935
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	17.6	2	2	1.00	1842	2093	2093

TOPSOIL

Excavation	6.0	1	0	0.85		1402	1192
Subsoil Exc	8.9	1	1	1.00		932	932
Fill	0.0	0	0	1.00	1842	0	0

Mass ordinate for TOPSOIL = 2124

117+30.52 EARTH

Excavation	25.9	7	6	0.85		4644	3941
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	6.6	4	4	1.00	1844	2097	2097

TOPSOIL

Excavation	10.7	2	2	0.85		1404	1194
Subsoil Exc	3.6	2	2	1.00		934	934
Fill	0.0	0	0	1.00	1844	0	0

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Mass ordinate for TOPSOIL = 2128

117+50.00 EARTH

Excavation	28.1	19	17	0.85		4663	3958
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	13.8	7	7	1.00	1854	2104	2104

TOPSOIL

Excavation	6.5	6	5	0.85		1410	1199
Subsoil Exc	8.8	4	4	1.00		938	938
Fill	0.0	0	0	1.00	1854	0	0

Mass ordinate for TOPSOIL = 2137

117+78.02 EARTH

Excavation	38.1	34	29	0.85		4697	3987
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	5.1	10	10	1.00	1873	2114	2114

TOPSOIL

Excavation	11.7	9	8	0.85		1419	1207
Subsoil Exc	4.1	7	7	1.00		945	945
Fill	0.0	0	0	1.00	1873	0	0

Mass ordinate for TOPSOIL = 2152

117+83.79 EARTH

Excavation	40.7	8	7	0.85		4705	3994
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.9	1	1	1.00	1879	2115	2115

TOPSOIL

Excavation	12.1	3	2	0.85		1422	1209
Subsoil Exc	4.0	1	1	1.00		946	946

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Fill	0.0	0	0	1.00	1879	0	0
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Mass ordinate for TOPSOIL = 2155

118+00.00 EARTH

Excavation	44.3	26	22	0.85		4731	4016
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	4.1	3	3	1.00	1898	2118	2118
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TOPSOIL

Excavation	12.5	7	6	0.85		1429	1215
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Subsoil Exc	3.6	2	2	1.00		948	948
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Fill	0.0	0	0	1.00	1898	0	0
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Mass ordinate for TOPSOIL = 2163

118+20.00 EARTH

Excavation	47.8	34	29	0.85		4765	4045
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	2.7	3	3	1.00	1924	2121	2121
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TOPSOIL

Excavation	12.4	9	8	0.85		1438	1223
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Subsoil Exc	2.5	2	2	1.00		950	950
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Fill	0.0	0	0	1.00	1924	0	0
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Mass ordinate for TOPSOIL = 2173

118+50.00 EARTH

Excavation	50.5	55	46	0.85		4820	4091
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	1.8	2	2	1.00	1968	2123	2123
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TOPSOIL

Excavation	14.3	15	13	0.85		1453	1236
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GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
 FEDERAL PROJECT NO:
 ROUTE NO. OR STREET:TARPLEY SHOP ROAD

SHEET **54** OF **65**
 STATE NO.: 28946-3427-04
 PIN:128996.00
 COUNTY: GILES

Subsoil Exc	1.8	2	2	1.00		952	952
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Fill	0.0	0	0	1.00	1968	0	0
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Mass ordinate for TOPSOIL = 2188

119+00.00 EARTH

Excavation	42.8	86	73	0.85		4906	4164
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	2.3	4	4	1.00	2037	2127	2127
------	-----	---	---	------	------	------	------

TOPSOIL

Excavation	12.9	25	21	0.85		1478	1257
------------	------	----	----	------	--	------	------

Subsoil Exc	2.2	4	4	1.00		956	956
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Fill	0.0	0	0	1.00	2037	0	0
------	-----	---	---	------	------	---	---

Mass ordinate for TOPSOIL = 2213

119+50.00 EARTH

Excavation	27.9	65	56	0.85		4971	4220
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	10.7	12	12	1.00	2081	2139	2139
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TOPSOIL

Excavation	5.3	17	14	0.85		1495	1271
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Subsoil Exc	6.7	8	8	1.00		964	964
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Fill	0.0	0	0	1.00	2081	0	0
------	-----	---	---	------	------	---	---

Mass ordinate for TOPSOIL = 2235

119+52.50 EARTH

Excavation	28.8	3	2	0.85		4974	4222
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Subsoil Exc	0.0	0	0	1.00		0	0
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Fill	0.0	0	0	1.00	2083	2139	2139
------	-----	---	---	------	------	------	------

TOPSOIL

GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
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SHEET 55 OF 65
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 COUNTY: GILES

Excavation	5.7	1	0	0.85		1496	1271
Subsoil Exc	0.0	0	0	1.00		964	964
Fill	0.0	0	0	1.00	2083	0	0

Mass ordinate for TOPSOIL = 2235

119+60.86 EARTH

Excavation	28.5	9	8	0.85		4983	4230
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.4	0	0	1.00	2091	2139	2139

TOPSOIL

Excavation	5.0	2	1	0.85		1498	1272
Subsoil Exc	2.0	0	0	1.00		964	964
Fill	0.0	0	0	1.00	2091	0	0

Mass ordinate for TOPSOIL = 2236

119+83.09 EARTH

Excavation	28.7	24	20	0.85		5007	4250
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.9	3	3	1.00	2108	2142	2142

TOPSOIL

Excavation	4.6	4	3	0.85		1502	1275
Subsoil Exc	4.0	2	2	1.00		966	966
Fill	0.0	0	0	1.00	2108	0	0

Mass ordinate for TOPSOIL = 2241

120+00.00 EARTH

Excavation	29.0	18	15	0.85		5025	4265
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	2.1	2	2	1.00	2121	2144	2144

GRADING REPORT

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 COUNTY: GILES

TOPSOIL

Excavation	4.4	3	2	0.85		1505	1277
Subsoil Exc	1.9	2	2	1.00		968	968
Fill	0.0	0	0	1.00	2121	0	0

Mass ordinate for TOPSOIL = 2245

120+49.75 EARTH

Excavation	30.4	55	47	0.85		5080	4312
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.5	6	6	1.00	2162	2150	2150

TOPSOIL

Excavation	3.8	8	6	0.85		1513	1283
Subsoil Exc	3.4	5	5	1.00		973	973
Fill	0.0	0	0	1.00	2162	0	0

Mass ordinate for TOPSOIL = 2256

120+50.00 EARTH

Excavation	31.7	0	0	0.85		5080	4312
Subsoil Exc	0.0	0	0	1.00		0	0
Fill	4.7	0	0	1.00	2162	2150	2150

TOPSOIL

Excavation	4.8	0	0	0.85		1513	1283
Subsoil Exc	3.4	0	0	1.00		973	973
Fill	0.0	0	0	1.00	2162	0	0

Mass ordinate for TOPSOIL = 2256

120+52.50 EARTH

Excavation	32.3	3	3	0.85		5083	4315
Subsoil Exc	0.0	0	0	1.00		0	0

GRADING REPORT

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COUNTY: GILES

Fill	0.0	0	0	1.00	2165	2150	2150
TOPSOIL							
Excavation	5.3	0	0	0.85		1513	1283
Subsoil Exc	0.0	0	0	1.00		973	973
Fill	0.0	0	0	1.00	2165	0	0

Mass ordinate for TOPSOIL = 2256

GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
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SHEET **58** OF **65**
 STATE NO.: 28946-3427-04
 PIN:128996.00
 COUNTY: GILES

G R A N D S U M M A R Y T O T A L S				
Material Name	Unadjusted	Adjusted	Mult	
	Volumes	Volumes	Factor	
	(cu. yd.)	(cu. yd.)		

EARTH				
Excavation	5083	4315	0.85	
Subsoil Exc	0	0	1.00	
Fill	2150	2150	1.00	
TOPSOIL				
Excavation	1513	1283	0.85	
Subsoil Exc	973	973	1.00	
Fill	0	0	1.00	

GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
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SHEET 59 OF 65
 STATE NO.: 28946-3427-04
 PIN:128996.00
 COUNTY: GILES

S P L I T		S U M M A R Y		T O T A L S		
Material Name	XS Quant	XS Quant	Add/Sub Quant	Add/Sub Quant		
	Unadjusted	Adjusted	Unadjusted	Adjusted	Mult	
	Volume	Volume	Volume	Volume	Factor	
	(cu. yd.)	(cu. yd.)	(cu. yd.)	(cu. yd.)		

EARTH						
Excavation	5083	4315	0	0	0.85	
Subsoil Exc	0	0	0	0	1.00	
Fill	2150	2150	0	0	1.00	
TOPSOIL						
Excavation	1513	1283	0	0	0.85	
Subsoil Exc	973	973	0	0	1.00	
Fill	0	0	0	0	1.00	

GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
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SHEET **60** OF **65**
 STATE NO.: 28946-3427-04
 PIN:128996.00
 COUNTY: GILES

B A L A N C E P O I N T S U M M A R Y

Material Name	Cumulative		Incremental		Mult Factor
	Unadjusted	Adjusted	Unadjusted	Adjusted	
	Volumes	Volumes	Volumes	Volumes	
	(cu. yd.)	(cu. yd.)	(cu. yd.)	(cu. yd.)	

Station = 83+53.67

EARTH

Excavation	79	67	79	67	0.85
Subsoil Exc	0	0	0	0	1.00
Fill	67	67	67	67	1.00

TOPSOIL

Excavation	20	17	20	17	0.85
Subsoil Exc	34	34	34	34	1.00
Fill	0	0	0	0	1.00

Station = 93+14.35

EARTH

Excavation	1006	855	927	788	0.85
Subsoil Exc	0	0	0	0	1.00
Fill	855	855	788	788	1.00

TOPSOIL

Excavation	360	306	340	289	0.85
Subsoil Exc	362	362	328	328	1.00
Fill	0	0	0	0	1.00

TECHNOLOGY WAY

Input File: ewkprj.inp

Output File: TECHWAY EW.log

GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
 FEDERAL PROJECT NO:
 ROUTE NO. OR STREET:TARPLEY SHOP ROAD

SHEET **61** OF **65**
 STATE NO.: 28946-3427-04
 PIN:128996.00
 COUNTY: GILES

1	1	1	
1	2	2	
1	3	3	Earthwork
1	4	4	
1	5	5	tolerance = 0.010000
1	6	6	
1	7	7	vertical search distance = 500.000000
1	8	8	
1	9	9	xs dgn = F:\36\36729\3672907\04_CAD\TRNS\GISIASR7TechWayXsections.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
1	17	17	lvname = DESIGN - TYPICAL - Finished Grade and Subgrade
1	18	18	co = 2,6,8
1	19	19	
1	20	20	Existing Ground Line
1	21	21	soil type = Earth
1	22	22	roadway exc mult factor = 1.000000
1	23	23	subsoil exc mult factor = 1.000000
1	24	24	fill mult factor = 1.000000
1	25	25	type = line_string
1	26	26	lvname = SURVEY - GROUND - Top of Ground
1	27	27	co = 0
1	28	28	
1	29	29	Write Earthwork Shapes

GRADING REPORT

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 CHECKED BY:JDW
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SHEET **62** OF **65**
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 PIN:128996.00
 COUNTY: GILES

1	30	30	plot param
1	31	31	lv = 347
1	32	32	lvname = DESIGN - EARTHWORK - Shapes
1	33	33	co = 80
1	34	34	wt = 0
1	35	35	lc = 0
1	36	36	Stratify Shape Color
1	37	37	
1	38	38	combine common exc + subgrade exc + subsoil exc
1	39	39	
1	40	40	End Area Decimal Places = 1
1	41	41	
1	42	42	Process Earthwork for Baseline = TECHNOLOGYWAY
1	43	43	job number = 900
1	44	44	
1	45	45	beg sta = 150+07.00 R 1
1	46	46	end sta = 153+50.00 R 1
0	0	47	END_OF_FILE

COMPUTING EARTHWORKS FOR BASELINE = TECHNOLOGYWAY

COMPUTING EARTHWORKS FOR JOB = 900

FORMING LIST OF XSCCELLS

BEGINNING EARTHWORKS COMPUTATION

GRADING REPORT

COMPUTED BY:AEJ
 CHECKED BY:JDW
 FEDERAL PROJECT NO:
 ROUTE NO. OR STREET:TARPLEY SHOP ROAD

SHEET **63** OF **65**
 STATE NO.: 28946-3427-04
 PIN:128996.00
 COUNTY: GILES

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

150+07.00 EARTH

Excavation	33.3	0	0	1.00	
Fill	0.0	0	0	1.00	0

150+50.00 EARTH

Excavation	36.5	56	56	1.00	
Fill	0.0	0	0	1.00	56

GRADING REPORT

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SHEET **64** OF **65**
STATE NO.: 28946-3427-04
PIN:128996.00
COUNTY: GILES

G R A N D		S U M M A R Y		T O T A L S	
Material Name		Unadjusted	Adjusted	Mult	
		Volumes	Volumes	Factor	
		(cu. yd.)	(cu. yd.)		

EARTH					
Excavation		56	56	1.00	
Fill		0	0	1.00	

GRADING REPORT

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SHEET 65 OF 65
STATE NO.: 28946-3427-04
PIN:128996.00
COUNTY: GILES

S P L I T		S U M M A R Y		T O T A L S		
		XS Quant	XS Quant	Add/Sub Quant	Add/Sub Quant	
Material Name		Unadjusted	Adjusted	Unadjusted	Adjusted	Mult
		Volume	Volume	Volume	Volume	Factor
		(cu. yd.)	(cu. yd.)	(cu. yd.)	(cu. yd.)	

EARTH						
	Excavation	56	56	0	0	1.00
	Fill	0	0	0	0	1.00