

GRADING REPORT

COMPUTED BY: Samuel Reed
 CHECKED BY: Elizabeth David
 FEDERAL PROJECT NO: BRZ-2700(60)
 ROUTE NO. OR STREET: Salem Street

SHEET 1 OF 17
 STATE NO.: 27946-3406-94
 PIN: 122135.00
 COUNTY: Gibson

Salem Street

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.)

29+70.00	EARTH							
	Excavation	18	0	0	0.90		0	0
	Fill	0	0	0	1.00	0	0	0
	TOPSOIL							
	Excavation	13	0	0	1.00		0	0
	Fill	0	0	0	1.00	0	0	0
	Mass ordinate for TOPSOIL = 0							
30+00.00	EARTH							
	Excavation	15	18	17	0.90		18	17
	Fill	29	16	16	1.00	1	16	16
	TOPSOIL							
	Excavation	23	20	20	1.00		20	20
	Fill	0	0	0	1.00	1	0	0
	Mass ordinate for TOPSOIL = 20							
30+50.00	EARTH							
	Excavation	8	21	19	0.90		39	36
	Fill	50	73	73	1.00	-53	89	89
	TOPSOIL							

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Excavation	26	45	45	1.00		65	65
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Fill	0	0	0	1.00	-53	0	0
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Mass ordinate for TOPSOIL = 65

30+69.00 EARTH

Excavation	5	5	4	0.90		44	40
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Fill	59	38	38	1.00	-87	127	127
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TOPSOIL

Excavation	28	19	19	1.00		84	84
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Fill	0	0	0	1.00	-87	0	0
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Mass ordinate for TOPSOIL = 84

31+00.00 EARTH

Excavation	1	3	3	0.90		47	43
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Fill	97	90	90	1.00	-174	217	217
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TOPSOIL

Excavation	35	36	36	1.00		120	120
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Fill	0	0	0	1.00	-174	0	0
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Mass ordinate for TOPSOIL = 120

31+10.00 EARTH

Excavation	0	0	0	0.90		47	43
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Fill	134	43	43	1.00	-217	260	260
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TOPSOIL

Excavation	39	14	14	1.00		134	134
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Fill	0	0	0	1.00	-217	0	0
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Mass ordinate for TOPSOIL = 134

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31+50.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	231	270	270	1.00	-487	530	530

TOPSOIL

Excavation	45	63	63	1.00		197	197
Fill	0	0	0	1.00	-487	0	0

Mass ordinate for TOPSOIL = 197

31+90.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	331	416	416	1.00	-903	946	946

TOPSOIL

Excavation	51	71	71	1.00		268	268
Fill	0	0	0	1.00	-903	0	0

Mass ordinate for TOPSOIL = 268

31+94.14 EARTH

Excavation	0	0	0	0.90		47	43
Fill	319	50	50	1.00	-953	996	996

TOPSOIL

Excavation	48	8	8	1.00		276	276
Fill	0	0	0	1.00	-953	0	0

Mass ordinate for TOPSOIL = 276

32+00.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	327	70	70	1.00	-1023	1066	1066

TOPSOIL

Excavation	48	10	10	1.00		286	286
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Fill	0	0	0	1.00	-1023	0	0
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Mass ordinate for TOPSOIL = 286

32+19.15 EARTH

Excavation	0	0	0	0.90		47	43
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Fill	342	237	237	1.00	-1260	1303	1303
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TOPSOIL

Excavation	48	34	34	1.00		320	320
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Fill	0	0	0	1.00	-1260	0	0
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Mass ordinate for TOPSOIL = 320

32+30.00 EARTH

Excavation	0	0	0	0.90		47	43
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Fill	357	140	140	1.00	-1400	1443	1443
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TOPSOIL

Excavation	48	19	19	1.00		339	339
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Fill	0	0	0	1.00	-1400	0	0
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Mass ordinate for TOPSOIL = 339

32+38.00 EARTH

Excavation	0	0	0	0.90		47	43
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Fill	375	108	108	1.00	-1508	1551	1551
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TOPSOIL

Excavation	48	14	14	1.00		353	353
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Fill	0	0	0	1.00	-1508	0	0
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Mass ordinate for TOPSOIL = 353

32+50.00 EARTH

Excavation	0	0	0	0.90		47	43
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32+62.50 EARTH

33+37.50 EARTH

33+50.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	417	196	196	1.00	-3246	3289	3289
TOPSOIL							
Excavation	49	23	23	1.00		557	557
Fill	0	0	0	1.00	-3246	0	0
Mass ordinate for TOPSOIL = 557							

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33+80.54 EARTH

Excavation	0	0	0	0.90		47	43
Fill	401	463	463	1.00	-3709	3752	3752

TOPSOIL

Excavation	51	57	57	1.00		614	614
Fill	0	0	0	1.00	-3709	0	0

Mass ordinate for TOPSOIL = 614

34+00.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	613	365	365	1.00	-4074	4117	4117

TOPSOIL

Excavation	62	41	41	1.00		655	655
Fill	0	0	0	1.00	-4074	0	0

Mass ordinate for TOPSOIL = 655

34+05.54 EARTH

Excavation	0	0	0	0.90		47	43
Fill	625	127	127	1.00	-4201	4244	4244

TOPSOIL

Excavation	62	13	13	1.00		668	668
Fill	0	0	0	1.00	-4201	0	0

Mass ordinate for TOPSOIL = 668

34+10.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	672	107	107	1.00	-4308	4351	4351

TOPSOIL

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Excavation	67	11	11	1.00		679	679
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Fill	0	0	0	1.00	-4308	0	0
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Mass ordinate for TOPSOIL = 679

34+50.00 EARTH

Excavation	0	0	0	0.90		47	43
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Fill	627	962	962	1.00	-5270	5313	5313
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TOPSOIL

Excavation	65	98	98	1.00		777	777
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Fill	0	0	0	1.00	-5270	0	0
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Mass ordinate for TOPSOIL = 777

34+58.00 EARTH

Excavation	0	0	0	0.90		47	43
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Fill	609	183	183	1.00	-5453	5496	5496
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TOPSOIL

Excavation	65	19	19	1.00		796	796
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Fill	0	0	0	1.00	-5453	0	0
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Mass ordinate for TOPSOIL = 796

34+60.00 EARTH

Excavation	0	0	0	0.90		47	43
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Fill	601	45	45	1.00	-5498	5541	5541
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TOPSOIL

Excavation	64	5	5	1.00		801	801
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Fill	0	0	0	1.00	-5498	0	0
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Mass ordinate for TOPSOIL = 801

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34+99.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	165	553	553	1.00	-6051	6094	6094

TOPSOIL

Excavation	0	46	46	1.00		847	847
Fill	0	0	0	1.00	-6051	0	0

Mass ordinate for TOPSOIL = 847

35+00.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	163	6	6	1.00	-6057	6100	6100

35+50.00 EARTH

Excavation	0	0	0	0.90		47	43
Fill	133	274	274	1.00	-6331	6374	6374

TOPSOIL

Excavation	31	29	29	1.00		876	876
Fill	0	0	0	1.00	-6331	0	0

Mass ordinate for TOPSOIL = 876

35+88.00 EARTH

Excavation	29	20	18	0.90		67	61
Fill	45	125	125	1.00	-6438	6499	6499

TOPSOIL

Excavation	37	48	48	1.00		924	924
Fill	0	0	0	1.00	-6438	0	0

Mass ordinate for TOPSOIL = 924

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35+90.00 EARTH

Excavation	29	2	2	0.90		69	63
Fill	44	3	3	1.00	-6439	6502	6502

TOPSOIL

Excavation	38	2	2	1.00		926	926
Fill	0	0	0	1.00	-6439	0	0

Mass ordinate for TOPSOIL = 926

36+00.00 EARTH

Excavation	32	11	10	0.90		80	73
Fill	27	13	13	1.00	-6442	6515	6515

TOPSOIL

Excavation	38	14	14	1.00		940	940
Fill	0	0	0	1.00	-6442	0	0

Mass ordinate for TOPSOIL = 940

36+50.00 EARTH

Excavation	62	87	78	0.90		167	151
Fill	4	29	29	1.00	-6393	6544	6544

TOPSOIL

Excavation	38	71	71	1.00		1011	1011
Fill	0	0	0	1.00	-6393	0	0

Mass ordinate for TOPSOIL = 1011

36+90.00 EARTH

Excavation	6	50	45	0.90		217	196
Fill	0	3	3	1.00	-6351	6547	6547

TOPSOIL

Excavation	7	33	33	1.00		1044	1044
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Fill	0	0	0	1.00	-6351	0	0
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Mass ordinate for TOPSOIL = 1044

37+00.00 EARTH

Excavation	4	2	2	0.90		219	198
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Fill	0	0	0	1.00	-6349	6547	6547
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TOPSOIL

Excavation	6	2	2	1.00		1046	1046
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Fill	0	0	0	1.00	-6349	0	0
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Mass ordinate for TOPSOIL = 1046

37+10.00 EARTH

Excavation	2	1	1	0.90		220	199
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Fill	0	0	0	1.00	-6348	6547	6547
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TOPSOIL

Excavation	5	2	2	1.00		1048	1048
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Fill	0	0	0	1.00	-6348	0	0
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Mass ordinate for TOPSOIL = 1048

37+20.00 EARTH

Excavation	0	0	0	0.90		220	199
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Fill	0	0	0	1.00	-6348	6547	6547
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TOPSOIL

Excavation	2	1	1	1.00		1049	1049
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Fill	0	0	0	1.00	-6348	0	0
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Mass ordinate for TOPSOIL = 1049

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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	220	199	0.90
Fill	6547	6547	1.00

TOPSOIL

Excavation	1049	1049	1.00
Fill	0	0	1.00

Land N Street

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.)	

40+50.00 EARTH

Excavation	0	0	0	0.90		0	0
Fill	611	0	0	1.00	0	0	0

TOPSOIL

Excavation	49	0	0	1.00		0	0
Fill	0	0	0	1.00	0	0	0

Mass ordinate for TOPSOIL = 0

40+91.51 EARTH

Excavation	22	17	15	0.90		17	15
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41+00.00 EARTH41+47.00 EARTH41+50.00 EARTH

Excavation	118	13	11	0.90		163	146
Fill	630	71	71	1.00	-2339	2485	2485
TOPSOIL							
Excavation	100	11	11	1.00		315	315
Fill	0	0	0	1.00	-2339	0	0
Mass ordinate for TOPSOIL = 315							

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41+77.51 EARTH

Excavation	362	245	220	0.90		408	366
Fill	305	476	476	1.00	-2595	2961	2961

TOPSOIL

Excavation	96	99	99	1.00		414	414
Fill	0	0	0	1.00	-2595	0	0

Mass ordinate for TOPSOIL = 414

42+00.00 EARTH

Excavation	461	343	308	0.90		751	674
Fill	343	270	270	1.00	-2557	3231	3231

TOPSOIL

Excavation	92	78	78	1.00		492	492
Fill	0	0	0	1.00	-2557	0	0

Mass ordinate for TOPSOIL = 492

42+02.49 EARTH

Excavation	448	42	38	0.90		793	712
Fill	322	31	31	1.00	-2550	3262	3262

TOPSOIL

Excavation	91	9	9	1.00		501	501
Fill	0	0	0	1.00	-2550	0	0

Mass ordinate for TOPSOIL = 501

42+10.00 EARTH

Excavation	423	121	109	0.90		914	821
Fill	251	80	80	1.00	-2521	3342	3342

TOPSOIL

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Excavation	88	25	25	1.00		526	526
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Fill	0	0	0	1.00	-2521	0	0
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Mass ordinate for TOPSOIL = 526

42+50.00 EARTH

Excavation	352	574	517	0.90		1488	1338
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Fill	136	287	287	1.00	-2291	3629	3629
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TOPSOIL

Excavation	73	119	119	1.00		645	645
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Fill	0	0	0	1.00	-2291	0	0
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Mass ordinate for TOPSOIL = 645

43+00.00 EARTH

Excavation	358	657	592	0.90		2145	1930
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Fill	72	193	193	1.00	-1892	3822	3822
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TOPSOIL

Excavation	63	126	126	1.00		771	771
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Fill	0	0	0	1.00	-1892	0	0
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Mass ordinate for TOPSOIL = 771

43+50.00 EARTH

Excavation	273	584	526	0.90		2729	2456
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Fill	99	158	158	1.00	-1524	3980	3980
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TOPSOIL

Excavation	47	101	101	1.00		872	872
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Fill	0	0	0	1.00	-1524	0	0
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Mass ordinate for TOPSOIL = 872

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43+60.00 EARTH

Excavation	227	93	83	0.90		2822	2539
Fill	91	35	35	1.00	-1476	4015	4015

TOPSOIL

Excavation	44	17	17	1.00		889	889
Fill	0	0	0	1.00	-1476	0	0

Mass ordinate for TOPSOIL = 889

44+00.00 EARTH

Excavation	95	239	215	0.90		3061	2754
Fill	36	94	94	1.00	-1355	4109	4109

TOPSOIL

Excavation	33	57	57	1.00		946	946
Fill	0	0	0	1.00	-1355	0	0

Mass ordinate for TOPSOIL = 946

44+50.00 EARTH

Excavation	35	120	108	0.90		3181	2862
Fill	7	40	40	1.00	-1287	4149	4149

TOPSOIL

Excavation	25	54	54	1.00		1000	1000
Fill	0	0	0	1.00	-1287	0	0

Mass ordinate for TOPSOIL = 1000

45+00.00 EARTH

Excavation	18	49	44	0.90		3230	2906
Fill	2	8	8	1.00	-1251	4157	4157

TOPSOIL

Excavation	20	41	41	1.00		1041	1041
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Fill	0	0	0	1.00	-1251	0	0
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Mass ordinate for TOPSOIL = 1041

45+10.00 EARTH

Excavation	15	6	6	0.90		3236	2912
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Fill	2	1	1	1.00	-1246	4158	4158
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TOPSOIL

Excavation	18	7	7	1.00		1048	1048
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Fill	0	0	0	1.00	-1246	0	0
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Mass ordinate for TOPSOIL = 1048

45+11.70 EARTH

Excavation	15	1	1	0.90		3237	2913
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Fill	2	0	0	1.00	-1245	4158	4158
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TOPSOIL

Excavation	18	1	1	1.00		1049	1049
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Fill	0	0	0	1.00	-1245	0	0
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Mass ordinate for TOPSOIL = 1049

45+25.00 EARTH

Excavation	13	7	6	0.90		3244	2919
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Fill	3	1	1	1.00	-1240	4159	4159
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TOPSOIL

Excavation	15	8	8	1.00		1057	1057
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Fill	0	0	0	1.00	-1240	0	0
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Mass ordinate for TOPSOIL = 1057

GRADING REPORT

COMPUTED BY: Samuel Reed
 CHECKED BY: Elizabeth David
 FEDERAL PROJECT NO: BRZ-2700(60)
 ROUTE NO. OR STREET: Salem Street

SHEET 17 OF 17
 STATE NO.: 27946-3406-94
 PIN: 122135.00
 COUNTY: Gibson

45+29.69 EARTH

Excavation	13	2	2	0.90		3246	2921
Fill	2	0	0	1.00	-1238	4159	4159

TOPSOIL

Excavation	12	2	2	1.00		1059	1059
Fill	0	0	0	1.00	-1238	0	0

Mass ordinate for TOPSOIL = 1059

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
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 EARTH

Excavation	3246	2921	0.90
Fill	4159	4159	1.00

TOPSOIL

Excavation	1059	1059	1.00
Fill	0	0	1.00