

GRADING REPORT

COMPUTED BY: M. Puryear
CHECKED BY: B. Baxter, PE, PTOE
FEDERAL PROJECT NO: HSIP-4965(10)
ROUTE NO. OR STREET: Hamilton Church Road

SHEET 1 OF 22
STATE NO.: 19129-3201-94
PIN: 125999.00
COUNTY: Davidson

ESTIMATED GRADING QUANTITIES								
DESCRIPTION		UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY			
		EXC.	EMB.	EXC.	SHRINK = 30 % SWELL = 100 %			
MAINLINE		95	614	67	EMB.	EXC.		
SIDE ROADS		0	0					
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES		3	66	3				
INDEPENDENT DITCHES		0	0					
TEMPORARY CONSTRUCTION EXITS		0	0					
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)		0	0					
TOPSOIL (EMB.)		190						
TOPSOIL (EXC.)		137						
TOPSOIL TOTALS (SEE TOPSOIL TABLE)							BORROW MATERIAL =	795
ROCK (C.Y.)		TOTALS (C.Y.)						
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)		
0	0	425	680	425	98	69		

Mainline

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.)

52+40.00 EARTH

Common Exc	6	0	0	0.70		0	0
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	17	0	0	1.00	0	0	0
TOPSOIL							
Common Exc	2	0	0	0.70		0	0
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	0	0	0

Mass ordinate for TOPSOIL = 0

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SKIP STATION RANGE = 52+52.00 to 52+62.00

52+80.00 EARTH

Common Exc	5	6	4	0.70		6	4
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	30	26	26	1.00	-22	26	26

TOPSOIL

Common Exc	2	2	2	0.70		2	2
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-22	0	0

Mass ordinate for TOPSOIL = 2

53+00.00 EARTH

Common Exc	4	3	2	0.70		9	6
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	29	22	22	1.00	-42	48	48

TOPSOIL

Common Exc	2	1	1	0.70		3	3
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-42	0	0

Mass ordinate for TOPSOIL = 3

53+20.00 EARTH

Common Exc	4	3	2	0.70		12	8
Subgrade Exc	0	0	0	0.70		0	0

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Subsoil Exc	0	0	0	1.00		0	0
Fill	23	19	19	1.00	-59	67	67

TOPSOIL

Common Exc	2	1	1	0.70		4	4
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-59	0	0

Mass ordinate for TOPSOIL = 4

53+40.00 EARTH

Common Exc	4	3	2	0.70		15	10
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	20	16	16	1.00	-73	83	83

TOPSOIL

Common Exc	2	1	1	0.70		5	5
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-73	0	0

Mass ordinate for TOPSOIL = 5

53+60.00 EARTH

Common Exc	5	3	2	0.70		18	12
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	16	13	13	1.00	-84	96	96

TOPSOIL

Common Exc	2	1	1	0.70		6	6
Subgrade Exc	0	0	0	0.70		0	0

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Subsoil Exc	0	0	0	1.00		0	0
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Fill	0	0	0	1.00	-84	0	0
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Mass ordinate for TOPSOIL = 6

53+80.00 EARTH

Common Exc	5	4	3	0.70		22	15
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	11	10	10	1.00	-91	106	106
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TOPSOIL

Common Exc	2	1	1	0.70		7	7
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	0	0	0	1.00	-91	0	0
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Mass ordinate for TOPSOIL = 7

54+00.00 EARTH

Common Exc	5	4	3	0.70		26	18
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	8	7	7	1.00	-95	113	113
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TOPSOIL

Common Exc	2	1	1	0.70		8	8
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	0	0	0	1.00	-95	0	0
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Mass ordinate for TOPSOIL = 8

54+20.00 EARTH

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Common Exc	5	4	3	0.70		30	21
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	7	6	6	1.00	-98	119	119

TOPSOIL

Common Exc	3	2	1	0.70		10	9
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-98	0	0

Mass ordinate for TOPSOIL = 9

54+40.00 EARTH

Common Exc	5	4	3	0.70		34	24
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	7	5	5	1.00	-100	124	124

TOPSOIL

Common Exc	3	2	2	0.70		12	11
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-100	0	0

Mass ordinate for TOPSOIL = 11

54+60.00 EARTH

Common Exc	5	4	3	0.70		38	27
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	6	5	5	1.00	-102	129	129

TOPSOIL

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Common Exc	3	2	2	0.70		14	13
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-102	0	0

Mass ordinate for TOPSOIL = 13

54+80.00 EARTH

Common Exc	6	4	3	0.70		42	30
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	5	4	4	1.00	-103	133	133

TOPSOIL

Common Exc	2	2	1	0.70		16	14
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-103	0	0

Mass ordinate for TOPSOIL = 14

55+00.00 EARTH

Common Exc	6	4	3	0.70		46	33
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	7	4	4	1.00	-104	137	137

TOPSOIL

Common Exc	2	1	1	0.70		17	15
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-104	0	0

Mass ordinate for TOPSOIL = 15

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55+20.00 EARTH

Common Exc	6	4	3	0.70		50	36
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	8	6	6	1.00	-107	143	143

TOPSOIL

Common Exc	2	1	1	0.70		18	16
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-107	0	0

Mass ordinate for TOPSOIL = 16

55+40.00 EARTH

Common Exc	6	4	3	0.70		54	39
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	8	6	6	1.00	-110	149	149

TOPSOIL

Common Exc	2	1	1	0.70		19	17
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-110	0	0

Mass ordinate for TOPSOIL = 17

55+60.00 EARTH

Common Exc	5	4	3	0.70		58	42
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0

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Fill	21	11	11	1.00	-118	160	160
TOPSOIL							
Common Exc	2	1	1	0.70		20	18
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-118	0	0
Mass ordinate for TOPSOIL = 18							

55+80.00 EARTH

Common Exc	6	4	3	0.70		62	45
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	13	13	13	1.00	-128	173	173
TOPSOIL							
Common Exc	2	1	1	0.70		21	19
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-128	0	0
Mass ordinate for TOPSOIL = 19							

56+00.00 EARTH

Common Exc	6	4	3	0.70		66	48
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	14	10	10	1.00	-135	183	183
TOPSOIL							
Common Exc	2	1	1	0.70		22	20
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0

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Fill	0	0	0	1.00	-135	0	0
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Mass ordinate for TOPSOIL = 20

56+20.00 EARTH

Common Exc	6	4	3	0.70		70	51
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	23	14	14	1.00	-146	197	197

TOPSOIL

Common Exc	2	1	1	0.70		23	21
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-146	0	0

Mass ordinate for TOPSOIL = 21

56+40.00 EARTH

Common Exc	6	4	3	0.70		74	54
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	23	17	17	1.00	-160	214	214

TOPSOIL

Common Exc	1	1	1	0.70		24	22
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-160	0	0

Mass ordinate for TOPSOIL = 22

56+60.00 EARTH

Common Exc	6	4	3	0.70		78	57
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Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	18	15	15	1.00	-172	229	229

TOPSOIL

Common Exc	1	1	1	0.70		25	23
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-172	0	0

Mass ordinate for TOPSOIL = 23

56+80.00 EARTH

Common Exc	6	4	3	0.70		82	60
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	10	10	10	1.00	-179	239	239

TOPSOIL

Common Exc	1	1	1	0.70		26	24
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-179	0	0

Mass ordinate for TOPSOIL = 24

57+00.00 EARTH

Common Exc	6	4	3	0.70		86	63
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	9	7	7	1.00	-183	246	246

TOPSOIL

Common Exc	1	1	1	0.70		27	25
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Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-183	0	0

Mass ordinate for TOPSOIL = 25

57+20.00 EARTH

Common Exc	6	4	3	0.70		90	66
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	21	11	11	1.00	-191	257	257

TOPSOIL

Common Exc	1	1	1	0.70		28	26
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-191	0	0

Mass ordinate for TOPSOIL = 26

57+40.00 EARTH

Common Exc	5	4	3	0.70		94	69
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	16	14	14	1.00	-202	271	271

TOPSOIL

Common Exc	2	1	1	0.70		29	27
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-202	0	0

Mass ordinate for TOPSOIL = 27

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57+46.52 EARTH

Common Exc	6	1	1	0.70		95	70
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	16	4	4	1.00	-205	275	275

TOPSOIL

Common Exc	2	0	0	0.70		29	27
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-205	0	0

Mass ordinate for TOPSOIL = 27

57+60.00 EARTH

Common Exc	5	3	2	0.70		98	72
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	4	5	5	1.00	-208	280	280

TOPSOIL

Common Exc	4	1	1	0.70		30	28
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-208	0	0

Mass ordinate for TOPSOIL = 28

58+20.00 EARTH

Common Exc	13	20	14	0.70		118	86
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	9	14	14	1.00	-208	294	294

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TOPSOIL

Common Exc	7	12	9	0.70		42	37
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-208	0	0

Mass ordinate for TOPSOIL = 37

58+40.00 EARTH

Common Exc	14	10	7	0.70		128	93
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	8	6	6	1.00	-207	300	300

TOPSOIL

Common Exc	6	5	3	0.70		47	40
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-207	0	0

Mass ordinate for TOPSOIL = 40

58+60.00 EARTH

Common Exc	18	12	8	0.70		140	101
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	7	6	6	1.00	-205	306	306

TOPSOIL

Common Exc	7	5	3	0.70		52	43
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-205	0	0

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Mass ordinate for TOPSOIL = 43

58+80.00 EARTH

Common Exc	24	16	11	0.70		156	112
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	6	5	5	1.00	-199	311	311

TOPSOIL

Common Exc	8	6	4	0.70		58	47
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-199	0	0

Mass ordinate for TOPSOIL = 47

59+00.00 EARTH

Common Exc	8	12	8	0.70		168	120
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	2	2	1.00	-193	313	313

TOPSOIL

Common Exc	9	6	4	0.70		64	51
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-193	0	0

Mass ordinate for TOPSOIL = 51

59+20.00 EARTH

Common Exc	21	11	8	0.70		179	128
Subgrade Exc	0	0	0	0.70		0	0

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 CHECKED BY: B. Baxter, PE, PTOE
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 COUNTY: Davidson

Subsoil Exc	0	0	0	1.00		0	0
Fill	9	3	3	1.00	-188	316	316

TOPSOIL

Common Exc	8	6	4	0.70		70	55
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-188	0	0

Mass ordinate for TOPSOIL = 55

59+40.00 EARTH

Common Exc	21	16	11	0.70		195	139
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	11	7	7	1.00	-184	323	323

TOPSOIL

Common Exc	8	6	4	0.70		76	59
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-184	0	0

Mass ordinate for TOPSOIL = 59

59+60.00 EARTH

Common Exc	21	16	11	0.70		211	150
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	11	8	8	1.00	-181	331	331

TOPSOIL

Common Exc	8	6	4	0.70		82	63
Subgrade Exc	0	0	0	0.70		0	0

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Subsoil Exc	0	0	0	1.00		0	0
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Fill	0	0	0	1.00	-181	0	0
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Mass ordinate for TOPSOIL = 63

59+80.00 EARTH

Common Exc	8	11	8	0.70		222	158
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	12	9	9	1.00	-182	340	340
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TOPSOIL

Common Exc	5	5	3	0.70		87	66
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	0	0	0	1.00	-182	0	0
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Mass ordinate for TOPSOIL = 66

61+60.00 EARTH

Common Exc	4	40	28	0.70		262	186
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	46	193	193	1.00	-347	533	533
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TOPSOIL

Common Exc	3	27	19	0.70		114	85
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Subgrade Exc	0	0	0	0.70		0	0
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Subsoil Exc	0	0	0	1.00		0	0
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Fill	0	0	0	1.00	-347	0	0
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Mass ordinate for TOPSOIL = 85

61+80.00 EARTH

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Common Exc	5	3	2	0.70		265	188
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	35	30	30	1.00	-375	563	563

TOPSOIL

Common Exc	5	3	2	0.70		117	87
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-375	0	0

Mass ordinate for TOPSOIL = 87

62+00.00 EARTH

Common Exc	3	3	2	0.70		268	190
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	34	26	26	1.00	-399	589	589

TOPSOIL

Common Exc	4	3	2	0.70		120	89
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-399	0	0

Mass ordinate for TOPSOIL = 89

62+20.00 EARTH

Common Exc	4	3	2	0.70		271	192
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	31	24	24	1.00	-421	613	613

TOPSOIL

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Common Exc	4	3	2	0.70		123	91
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-421	0	0

Mass ordinate for TOPSOIL = 91

62+40.00 EARTH

Common Exc	5	3	2	0.70		274	194
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	28	22	22	1.00	-441	635	635

TOPSOIL

Common Exc	5	3	2	0.70		126	93
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-441	0	0

Mass ordinate for TOPSOIL = 93

62+60.00 EARTH

Common Exc	6	4	3	0.70		278	197
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	26	20	20	1.00	-458	655	655

TOPSOIL

Common Exc	6	4	3	0.70		130	96
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-458	0	0

Mass ordinate for TOPSOIL = 96

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62+80.00 EARTH

Common Exc	3	3	2	0.70		281	199
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	17	16	16	1.00	-472	671	671

TOPSOIL

Common Exc	3	3	2	0.70		133	98
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-472	0	0

Mass ordinate for TOPSOIL = 98

63+00.00 EARTH

Common Exc	6	3	2	0.70		284	201
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	3	7	7	1.00	-477	678	678

TOPSOIL

Common Exc	2	2	1	0.70		135	99
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-477	0	0

Mass ordinate for TOPSOIL = 99

63+09.42 EARTH

Common Exc	6	2	1	0.70		286	202
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0

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Fill	4	1	1	1.00	-477	679	679
TOPSOIL							
Common Exc	2	1	0	0.70		136	99
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-477	0	0
Mass ordinate for TOPSOIL = 99							

63+20.00 EARTH

Common Exc	6	2	2	0.70		288	204
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	1	1	1.00	-476	680	680
TOPSOIL							
Common Exc	5	1	1	0.70		137	100
Subgrade Exc	0	0	0	0.70		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-476	0	0
Mass ordinate for TOPSOIL = 100							

GRADING REPORT

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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					
Common Exc		288	204	0.70	
Subgrade Exc		0	0	0.70	
Subsoil Exc		0	0	1.00	
Fill		680	680	1.00	
TOPSOIL					
Common Exc		137	100	0.70	
Subgrade Exc		0	0	0.70	
Subsoil Exc		0	0	1.00	
Fill		0	0	1.00	

GRADING REPORT

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SHEET **22** OF **22**
 STATE NO.: 19129-3201-94
 PIN: 125999.00
 COUNTY: Davidson

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						
	Common Exc	288	204	0	0	0.70
	Subgrade Exc	0	0	0	0	0.70
	Subsoil Exc	0	0	0	0	1.00
	Fill	680	680	0	0	1.00
TOPSOIL						
	Common Exc	137	100	0	0	0.70
	Subgrade Exc	0	0	0	0	0.70
	Subsoil Exc	0	0	0	0	1.00
	Fill	0	0	0	0	1.00