

SHEET 1 OF 6
STATE NO.: 46455-3414-04
PIN: 124428.00
COUNTY: Johnson

ESTIMATED GRADING QUANTITIES									
DESCRIPTION		UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY				
		EXC.	EMB.	EXC.	SHRINK =	20	%	SWELL =	20
MAINLINE		169	292	136	EXC. EMB. 915 VS. -378 AVAILABLE = 537 WASTE MATERIAL = 645				
SIDE ROADS		267	86	214					
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES		14		12					
SUBGRADE STABILIZATION (GEOTECH)		83		67					
TEMPORARY CONSTRUCTION EXITS		22		18					
BRIDGE EXCAVATION		588		471					
TOPSOIL (EMB.)									
TOPSOIL (EXC.)									
TOPSCIL TOTALS (SEE TOPSOIL TABLE)									
ROCK (C.Y.)		TOTALS (C.Y.)							
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)			
		1143	378	1143	1143	915			

[illegible]

104+45.00 EARTH

Excavation	126.4	0	0	1.00	
Fill	0.0	0	0	1.00	0

104+50.00 EARTH

Excavation	131.0	24	24	1.00	
Fill	0.0	0	0	1.00	24

104+55.00 EARTH

Excavation	204.1	31	31	1.00	
Fill	0.0	0	0	1.00	55

GRADING REPORT

COMPUTED BY: David D. Layhew
 CHECKED BY: Andrew Wisniewski
 FEDERAL PROJECT NO: N/A
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SHEET 2 OF 6
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104+60.00 EARTH

Excavation	222.5	40	40	1.00	
Fill	0.0	0	0	1.00	95

104+65.00 EARTH

Excavation	211.3	40	40	1.00	
Fill	0.0	0	0	1.00	135

104+70.00 EARTH

Excavation	158.2	34	34	1.00	
Fill	0.0	0	0	1.00	169

104+75.00 EARTH

Excavation	0.0	15	15	1.00	
Fill	0.0	0	0	1.00	184

105+70.00 EARTH

Excavation	172.0	303	303	1.00	
Fill	0.0	0	0	1.00	487

105+75.00 EARTH

Excavation	234.8	38	38	1.00	
Fill	0.0	0	0	1.00	525

105+80.00 EARTH

Excavation	146.9	35	35	1.00	
Fill	0.0	0	0	1.00	560

105+85.00 EARTH

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SHEET 3 OF 6
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Excavation	156.6	28	28	1.00	
Fill	0.0	0	0	1.00	58
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	588	588	1.00
Fill	0	0	1.00

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SHEET 4 OF 6
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Material Name	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
	Unadjusted		Adjusted		Unadjusted	Adjusted
	Volume		Volume		Volume	Volume
	(cu. yd.)		(cu. yd.)		(cu. yd.)	(cu. yd.)

EARTH						
Excavation		588	588		0	0 1.00
Fill		0	0		0	0 1.00

Reece Hill Road

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

0+12.00 EARTH

Excavation	0.0	0	0	1.00	
Fill	65.9	0	0	1.00	0

0+25.00 EARTH

Excavation	28.3	7	7	1.00	
Fill	21.5	21	21	1.00	-14

0+50.00 EARTH

Excavation	28.7	26	26	1.00	
Fill	33.8	26	26	1.00	-14

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0+62.06 EARTH

Excavation	29.3	13	13	1.00	
Fill	34.4	15	15	1.00	-16

1+00.00 EARTH

Excavation	63.7	65	65	1.00	
Fill	0.0	24	24	1.00	25

1+05.31 EARTH

Excavation	70.9	13	13	1.00	
Fill	0.0	0	0	1.00	38

1+31.35 EARTH

Excavation	130.9	97	97	1.00	
Fill	0.0	0	0	1.00	135

1+37.57 EARTH

Excavation	58.9	22	22	1.00	
Fill	0.0	0	0	1.00	157

1+60.63 EARTH

Excavation	29.3	38	38	1.00	
Fill	0.0	0	0	1.00	195

1+62.48 EARTH

Excavation	18.9	2	2	1.00	
Fill	0.0	0	0	1.00	197

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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	283	283	1.00
Fill	86	86	1.00

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	283	283	0	0	1.00
Fill	86	86	0		

B A L A N C E		P O I N T		S U M M A R Y		
Material Name	Cumulative		Incremental		Mult	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Factor	
	Volumes	Volumes	Volumes	Volumes		
	(cu. yd.)	(cu. yd.)	(cu. yd.)	(cu. yd.)		

 Station = 0+76.87

EARTH

Excavation	71	71	71	71	1.00
Fill	71	71	71	71	1.00