

SCDOT EARTHWORK BALANCING SYSTEM

Date: 4/16/2012 9:58:13 AM

Report for: s103relbu.txt

County: York Route: S-103 Reloc.

Units: English

Calculation For: Pavement

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Station	Cut	Double Area	Distc	Volume	Balance Cut	Fill	Double Area	Distc	Volume	Balance Fill	Fill+ 0%
5002.31	0.00					0.00					
5050.00	0.00	0.00	47.69	0	0.00	1	1.00	47.69	0.88	0.88	0.88
5100.00	0.00	0.00	50.00	0	0.00	3	4.00	50.00	3.70	4.58	4.58
5150.00	0.00	0.00	50.00	0	0.00	4	7.00	50.00	6.48	11.06	11.06
5200.00	0.00	0.00	50.00	0	0.00	2	6.00	50.00	5.56	16.62	16.62
5250.00	0.00	0.00	50.00	0	0.00	3	5.00	50.00	4.63	21.25	21.25
5300.00	0.00	0.00	50.00	0	0.00	3	6.00	50.00	5.56	26.81	26.81
5350.00	0.00	0.00	50.00	0	0.00	4	7.00	50.00	6.48	33.29	33.29
5375.00	0.00	0.00	25.00	0	0.00	0.00	4.00	25.00	1.85	35.14	35.14
** Equality ** (Station 5375.00 = Station 7275.00)											
7275.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	35.14	35.14
7300.00	0.00	0.00	25.00	0	0.00	9	9.00	25.00	4.17	39.31	39.31
7350.00	0.00	0.00	50.00	0	0.00	5	14.00	50.00	12.96	52.27	52.27
7400.00	0.00	0.00	50.00	0	0.00	5	10.00	50.00	9.26	61.53	61.53
7450.00	0.00	0.00	50.00	0	0.00	4	9.00	50.00	8.33	69.86	69.86
7500.00	0.00	0.00	50.00	0	0.00	4	8.00	50.00	7.41	77.27	77.27
7600.00	0.00	0.00	100.00	0	0.00	0.00	4.00	100.00	7.41	84.68	84.68

** Finished Balance ** Borrow: 84.68 C.Y.

Page Total	0.00	84.68
Grand Total	0.00	84.68

Total Buildup = (84.68 CY X 3790 lbs./cy)/2000
 = (320937.20/2000)
 = 160.4686 tons (Use 161 tons)