

EARTHWORK												
1	2		3		4		5		6		7	
MEREDITH ROAD	CUT EARTH EXCAVATION		UNSUITABLE MATERIAL		FILL EMBANKMENT		ADJUSTMENT FOR SHRINKAGE		EARTHWORK BALANCE WASTE (+) SHORTAGE (-)		TOPSOIL FURNISH & PLACE	
	(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(SQ YD)	
	LEFT STAGE I	RIGHT STAGE II	LEFT STAGE I	RIGHT STAGE II	LEFT STAGE I	RIGHT STAGE II	LEFT STAGE I	RIGHT STAGE II	LEFT STAGE I	RIGHT STAGE II	LEFT STAGE I	RIGHT STAGE II
STA. 29+33.1 TO STA. 29+50	6	8	16	11	3	3	5.1	6.8	2.1	3.8		
STA. 29+50 TO STA. 30+00	3	55	27	43	11	9	2.6	46.8	-8.5	37.8		
STA. 30+00 TO STA. 30+50	3	103	15	55	11	10	2.6	87.6	-8.5	77.6		
STA. 30+50 TO STA. 31+00	4	107	18	57	14	9	3.4	91.0	-10.6	82.0		
STA. 31+00 TO STA. 31+50	3	47	23	38	19	13	2.6	40.0	-16.5	27.0		
STA. 31+50 TO STA. 32+00	2	4	30	28	31	34	1.7	3.4	-29.3	-30.6		
STA. 32+00 TO STA. 32+50	2	4	47	46	85	81	1.7	3.4	-83.3	-77.6		
STA. 32+50 TO STA. 33+00	1	4	58	58	147	137	0.9	3.4	-146.2	-133.6		
STA. 33+00 TO STA. 33+50	1	3	60	59	177	148	0.9	2.6	-176.2	-145.5		
STA. 33+50 TO STA. 34+00	1	3	64	56	201	140	0.9	2.6	-200.2	-137.5		
STA. 34+00 TO STA. 34+50	3	5	50	47	180	139	2.6	4.3	-177.5	-134.8		
STA. 34+50 TO STA. 35+00	5	7	30	35	110	111	4.3	6.0	-105.8	-105.1		
STA. 35+00 TO STA. 35+50	10	9	27	28	53	65	8.5	7.7	-44.5	-57.4		
STA. 35+50 TO STA. 36+00	11	20	24	24	27	27	9.4	17.0	-17.7	-10.0		
STA. 36+00 TO STA. 36+50	9	32	21	25	19	12	7.7	27.2	-11.4	15.2		
STA. 36+50 TO STA. 37+00	9	20	27	29	17	14	7.7	17.0	-9.4	3.0		
STA. 37+00 TO STA. 37+50	6	7	34	35	16	21	5.1	6.0	-10.9	-15.1		
STA. 37+50 TO STA. 38+00	6	7	32	39	16	26	5.1	6.0	-10.9	-20.1		
STA. 38+00 TO STA. 38+40.34	4	8	24	34	13	23	3.4	6.8	-9.6	-16.2		
STA. 38+40.34 TO STA. 38+50	1	3	5	8	3	6	0.9	2.6	-2.2	-3.5		
STA. 38+50 TO STA. 39+00	7	14	38	44	31	32	6.0	11.9	-25.1	-20.1		
STA. 39+00 TO STA. 39+50	5	16	25	50	24	30	4.3	13.6	-19.8	-16.4		
STA. 39+50 TO STA. 40+00	0	9	0	28	0	13	0.0	7.7	0.0	-5.4		
<b>SUB-TOTAL</b>	<b>102</b>	<b>495</b>	<b>695</b>	<b>877</b>	<b>1208</b>	<b>1103</b>	<b>86.7</b>	<b>420.8</b>	<b>-1121.3</b>	<b>-682.3</b>	<b>1949.5</b>	<b>2300.7</b>

COLUMN 1: LOCATION FROM PLANS  
COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL  
COLUMN 3: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT, ASSUME 10" OF UNSUITABLE MATERIAL  
COLUMN 4: QUANTITIES FROM CROSS SECTIONS (FILL)

COLUMN 5: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15%  
COLUMN 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION NEEDED  
COLUMN 7: TOPSOIL FURNISH AND PLACE= AREA OF SEEDING AND