EARTHWORK

1	2		3		4		5		6		7	
ILL 38 AT 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
ILL 38 (STA. 201+50 TO STA. 202+00)	61	16	78	71	40	123	51.9	13.6	11.9	-109.4		
ILL 38 (STA. 202+00 TO STA. 202+50)	70	18	79	67	37	112	59.5	15.3	22.5	-96.7		
ILL 38 (STA. 202+50 TO STA. 203+00)	44	19	64	64	50	94	37.4	16.2	-12.6	-77.9		
ILL 38 (STA. 203+00 TO STA. 203+50)	17	21	54	63	79	55	14.5	17.9	-64.6	-37.2		
ILL 38 (STA. 203+50 TO STA. 204+00)	16	23	58	42	90	13	13.6	19.6	-76.4	6.6		
ILL 38 (STA. 204+00 TO STA. 204+50)	17	19	66	43	94	15	14.5	16.2	-79.6	1.2		
ILL 38 (STA. 204+50 TO STA. 205+00)	19	16	77	67	110	29	16.2	13.6	-93.9	-15.4		
ILL 38 (STA. 205+00 TO STA. 205+50)	19	38	79	76	129	30	16.2	32.3	-112.9	2.3		
ILL 38 (STA. 205+50 TO STA. 205+85)	13	37	45	55	53	24	11.1	31.5	-42.0	7.5		
ILL 38 (STA. 205+85 TO STA. 206+00)	6	17	18	22	14	11	5.1	14.5	-8.9	3.5		
ILL 38 (STA. 206+00 TO STA. 206+50)	18	48	70	69	101	42	15.3	40.8	-85.7	-1.2		
ILL 38 (STA. 206+50 TO STA. 206+70)	7	10	26	26	38	14	6.0	8.5	-32.1	-5.5		
ILL 38 (STA. 206+70 TO STA. 207+00)	10	25	38	44	42	20	8.5	21.3	-33.5	1.3		
ILL 38 (STA. 207+00 TO STA. 207+50)	15	49	69	78	70	53	12.8	41.7	-57.3	-11.4		
ILL 38 (STA. 207+50 TO STA. 208+00)	13	22	75	73	71	73	11.1	18.7	-60.0	-54.3		
ILL 38 (STA. 208+00 TO STA. 208+50)	10	11	75	69	71	91	8.5	9.4	-62.5	-81.7		
ILL 38 (STA. 208+50 TO STA. 209+00)	9	11	75	70	66	89	7.7	9.4	-58.4	-79.7		
ILL 38 (STA. 209+00 TO STA. 209+50)	9	11	46	53	34	46	7.7	9.4	-26.4	-36.7		
SUB-TOTAL	373	411	1092	1052	1189	934	317.05	349.4	-872.0	-584.7	2608.7	2681.4

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, NEGETIVE QUANTITY= FURNISHED EXCAVATION NEEDED
COLUMN 7: TOPSOIL FURNISH AND PLACE= AREA OF SEEDING AND