

STATION		TOPSOIL EXCAVATION STAGE 1 or 2 CU M	EARTH EXCAVATION (CUT) STAGE 1 or 2 CU M	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED 20%) STAGE 1 or 2 CU M	EMBANKMENT REQUIRED (FILL) STAGE 1 or 2 CU M	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) STAGE 1 OR 2 CU M
FROM	TO					
ROUTE 40						
13+701.78	13+768.00	0.0	240.9	192.7	92.9	+99.8
13+768.00	13+825.00	0.0	253.4	202.7	275.9	-73.2
13+825.00	14+050.00	0.0	2,183.6	1,746.9	232.8	+1,514.1
14+050.00	14+102.52	0.0	63.0	50.4	142.9	-92.5
14+102.52	14+200.00	424.4	1,384.8	1,107.8	63.4	+1,044.4
14+200.00	14+350.00	475.8	680.2	544.2	1,535.2	-991.0
14+350.00	14+475.00	238.2	784.4	627.5	74.2	+553.3
14+475.00	14+600.00	0.0	194.2	155.4	1,251.0	-1,095.6
14+600.00	15+300.00	580.6	4,205.3	3,364.2	202.3	+3,161.9
15+300.00	15+400.00	0.0	227.2	181.8	1,029.9	-848.1
15+400.00	15+550.00	0.0	1,495.1	1,196.1	61.9	+1,134.2
15+550.00	15+563.00	0.0	43.5	34.8	41.7	-6.9
15+563.00	15+725.00	0.0	1,583.2	1,266.6	76.6	+1,190.0
FRONTAGE ROAD #2						
2+078.810	2+450.000	0.0	0.0	0.0	0.0	0.0
SERVICE DRIVE #1						
12+465.000	12+555.087	0.0	0.0	0.0	0.0	0.0
RICHMAR ROAD						
0+784.97	0+900.00	0.0	847.5	678.0	77.2	+600.8
ALTA ROAD						
0+765.00	0+870.00	0.0	448.1	358.5	187.9	+170.6
0+870.00	0+930.00	0.0	188.7	151.0	204.3	-53.3
0+930.00	0+970.00	0.0	252.0	201.6	86.4	+115.2
TOTALS		1,719.0 *	15,075.1	12,060.1	5,636.5	+6,423.6

* ADDITIONAL TOPSOIL EXCAVATION QUANTITY = 310 CU M, LOCATED AT A STOCKPILE LOCATION, LEFT STA. 14+225 TO STA. 14+265. THE STOCKPILED TOPSOIL HAS NOT BEEN INCLUDED IN THE END AREA CALCULATIONS BUT IS INCLUDED IN THE TOTAL QUANTITY OF TOPSOIL EXCAVATION.

GRANULAR EMBANKMENT, SPECIAL	
LOCATION	METRIC TON
ALTA ROAD STA. 0+828 TO 0+999	1,555
TOTAL	1,555 M TON

STATION		TOPSOIL EXCAVATION STAGE 3 CU M	EARTH EXCAVATION (CUT) STAGE 3 CU M	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED 20%) STAGE 3 CU M	EMBANKMENT REQUIRED (FILL) STAGE 3 CU M	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) STAGE 3 CU M
FROM	TO					
ROUTE 40						
13+701.78	13+750.00	0.0	209.1	167.3	31.1	+136.2
13+750.00	14+000.00	0.0	830.0	664.0	135.3	+528.7
14+000.00	14+200.00	0.0	907.9	726.3	3.8	+722.5
14+200.00	14+450.00	0.0	960.0	768.0	3.0	+765.0
14+450.00	14+700.00	0.0	380.4	304.3	3.7	+300.6
14+700.00	14+900.00	0.0	18.0	14.4	0.0	+14.4
14+900.00	15+150.00	0.0	255.5	204.4	3.4	+201.0
15+150.00	15+350.00	214.0	491.1	392.9	28.0	+364.9
15+350.00	15+725.00	0.0	545.3	436.2	4.1	+432.1
FRONTAGE ROAD #2						
2+078.810	2+450.000	0.0	0.0	0.0	0.0	0.0
SERVICE DRIVE #1						
12+465.000	12+555.087	0.0	0.0	0.0	0.0	0.0
RICHMAR ROAD						
0+784.97	0+900.00	0.0	0.0	0.0	0.0	0.0
ALTA ROAD						
0+765.00	0+970.00	0.0	0.0	0.0	0.0	0.0
TOTALS		214.0	4,597.3	3,677.8	212.4	+3,465.4

STATION		TOPSOIL PLACEMENT 100MM SQ M	EARTH EXCAVATION (CUT) STAGE 4 CU M	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED 20%) STAGE 4 CU M	EMBANKMENT REQUIRED (FILL) STAGE 4 CU M	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) STAGE 4 CU M
FROM	TO					
ROUTE 40						
13+701.78	14+075.00	6,598.7	0.0	0.0	0.0	0.0
14+075.00	14+125.00	593.0	364.2	291.4	47.2	+244.2
14+125.00	15+725.00	18,055.7	0.0	0.0	0.0	0.0
FRONTAGE ROAD #2						
2+078.810	2+450.000	1,979.3	2,600.4	2,080.3	243.6	+1,836.7
SERVICE DRIVE #1						
12+465.000	12+555.087	510.0	724.0	579.2	0.0	+579.2
RICHMAR ROAD						
0+784.97	0+900.00	1,551.8	0.0	0.0	0.0	0.0
ALTA ROAD						
0+765.00	0+970.00	2,279.5	0.0	0.0	0.0	0.0
SANITARY SEWER CONSTRUCTION						
		3,602.0				
TOTALS		35,170.0	3,688.6	2,950.9	290.8	+2,660.1

NOTES:
1. APPROXIMATE WASTE, ASSUMING A 20% SHRINKAGE FACTOR = 12,549 CU M
18,688.8 CU M (ADJ.) - 6,139.8 CU M = ± 12,549 CU M
2. TOTAL TOPSOIL EXCAVATION QUANTITY = 2,243 CU M, TOPSOIL PLACEMENT
NEEDED = 3,517 CU M. ADDITIONAL TOPSOIL REQUIRED = 1,274 CU M = 12,740 SQ M TOPSOIL FURNISH AND PLACE, 100 mm

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TABULATION OF PLAN SHEET QUANTITIES

DATE: 09/01/06

DRAWN BY: JDU
CHECKED BY: ECM