

EARTH EXCAVATION SCHEDULE - STAGE 1										
LOCATION	1	2	3	4	5	6	7	8	9	10
	THEORETICAL		UNSUITABLE MATERIAL	RESTRICTED USE MATERIAL	ADJUSTED EARTHWORK			EXCESS (SHORTAGE)	TOPSOIL PLACEMENT	TOPSOIL FURNISH & PLACEMENT 4"
	CUT	FILL			CUT	CUT X 0.75	FILL			
STATION TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	SO YD
US ROUTE 34 & DETOUR NO. 1 & 2										
STA 512+00.00 TO STA 528+92.63	30,923	16,352	5,572		25,351	19,013	16,352	2,661	1,691	15,219
STA 528+92.63 TO STA 555+73.12	49,105	44,136	11,775	0	37,330	27,998	44,136	(16,139)	3,155	28,395
STA 555+73.12 TO STA 611+78.78	89,288	87,949		0	89,288	66,966	87,949	(20,983)	9,433	84,897
STA 611+78.78 TO STA 693+89.92	116,561	122,968		0	116,561	87,421	122,968	(35,547)	13,304	119,736
STA 693+89.92 TO STA 721+25.00	7,485	119,917		0	7,485	5,614	119,917	(114,303)	4,268	38,412
STA 721+25.00 TO STA 758+00.00	141,191	167,325	6,118	0	135,073	101,305	167,325	(66,020)	6,353	57,177
STA 758+00.00 TO STA 776+84.33	234,656	6,581		0	234,656	175,992	6,581	169,411	4,436	39,924
STA 776+84.33 TO STA 803+29.29	18,384	52,648	594		17,790	13,343	52,648	(39,306)	2,418	21,762
STA 803+29.29 TO STA 826+00.00	4,984	21,727			4,984	3,738	21,727	(17,989)	1,639	14,751
IL ROUTE 94/116 & DETOUR NO. 3										
STA 6+72.28 TO STA 26+70.22	4,578	6,633			4,578	3,434	6,633	(3,200)		0
STA 26+70.22 TO STA 45+60.08	3,564	1,027			3,564	2,673	1,027	1,646		0
RAMP A										
STA 6+50.00 TO STA 19+50.00	16,169	16,142		0	16,169	12,127	16,142	(4,015)	1,887	16,983
RAMP B										
STA 2+00.00 TO STA 11+50.00	11,823	8,818		0	11,823	8,867	8,818	49	1,476	13,284
BOGUS HOLLOW RD										
STA 5+70.00 TO STA 8+61.04	2,938	260			2,938	2,204	260	1,944	291	2,619
TR 111 (1350 E)										
STA 149+00.00 TO STA 153+00.00	8,250	0			8,250	6,188	0	6,188	316	2,844
TR 94 (1400 E)										
STA 38+00.00 TO STA 48+70.63	2,732	6,707	2,161		571	428	6,707	(6,279)	1,033	9,297
STA 51+29.72 TO STA 54+30.12	417	1,453			417	313	1,453	(1,140)	165	1,485
TR 138 (1650 E)										
STA 44+80.00 TO STA 48+74.97	1,594	1,529			1,594	1,196	1,529	(334)	310	2,790
STA 51+25.03 TO STA 55+20.00	2,286	1,388			2,286	1,715	1,388	327	317	2,853
TR 150 (1700 E)										
STA 40+20.00 TO STA 48+58.48	5,502	1,893			5,502	4,127	1,893	2,234	773	6,957
STA 51+41.52 TO STA 71+02.50	9,457	2,042			9,457	7,093	2,042	5,051	995	8,955
TR 178 (1800 E)										
STA 39+75.00 TO STA 48+58.48	3,729	139			3,729	2,797	139	2,658	738	6,642
STA 51+42.52 TO STA 53+75.62	1,649	274			1,649	1,237	274	963	125	1,125
TR 190 (1850 E)										
STA 46+00.00 TO STA 49+00.00	143	356			143	107	356	(249)	37	333
STA 51+26.62 TO STA 55+00.00	424	1,187			424	318	1,187	(869)	94	846
TOTAL	767,832	689,451	26,220	0	741,612	556,209	689,451	(133,242)	55,254	497,286

A SHRINKAGE FACTOR OF 25% WAS USED TO DETERMINE THE EXCESS AND BORROW EXCAVATION QUANTITIES	
1.	CUT QUANTITY FROM CROSS SECTIONS, TOPSOIL EXCAVATION FOR STORAGE
2.	FILL QUANTITY FROM CROSS SECTIONS
3.	CUT QUANTITY FROM CROSS SECTIONS, TO BE WASTED OFF-SITE
4.	CUT QUANTITY FROM CROSS SECTIONS, RESTRICTED USE MATERIAL
5.	EXCAVATION AVAILABLE FOR EMBANKMENT, COLUMN 1 + COLUMN 4 - COLUMN 3
6.	EXCAVATION ADJUSTED FOR SHRINKAGE, COLUMN 5 (X 0.75 SHRINKAGE FACTOR)
7.	FILL QUANTITY FROM CROSS SECTIONS, COLUMN 2
8.	COLUMN 6 - COLUMN 7
9.	QUANTITY FROM CROSS SECTIONS, TO PLACE 4" TOPSOIL
10.	COLUMN 8 (X 9)