

EARTHWORK RAMP A

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
STAGE 1				
16+00.000	26	0	0	0
16+50.000	25	0	47	0
17+00.000	15	3	37	3
SUBTOTAL= 84 3				
STAGE 2				
16+00.000	87	36		
16+50.000	101	46	174	76
17+00.000	113	48	198	87
17+50.000	125	52	220	93
18+00.000	98	84	206	126
18+50.000	125	95	206	156
19+00.000	84	149	194	204
19+50.000	70	257	143	363
20+00.000	91	351	149	537
20+50.000	113	403	189	672
21+00.000	164	596	256	889
21+50.000	248	921	381	1369
22+00.000	386	1276	587	2005
22+50.000	497	1604	818	2637
23+00.000	608	1915	1023	3241
23+50.000	736	2213	1244	3805
24+00.000	789	2554	1412	4356
24+50.000	806	2922	1477	4831
25+00.000	797	3414	1484	5685
SUBTOTAL= 10361 31132				

10445 31135
CU. YD. CU. YD.

EARTHWORK RAMP C

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
STAGE 3				
19+50.000	110	14		
20+00.000	87	30	182	41
20+50.000	79	81	154	103
21+00.000	76	112	144	179
21+50.000	70	170	135	261
22+00.000	46	253	107	392
22+50.000	19	369	60	566
23+00.000	155	398	161	684
23+50.000	221	509	348	824
24+00.000	290	733	473	1119
24+50.000	338	1000	581	1574
25+00.000	259	1295	553	2075
25+50.000	160	1514	388	2551
26+00.000	233	1831	364	3012
26+50.000	306	2187	499	3635
27+00.000	309	2962	569	4459
SUBTOTAL= 4718 21475				

4718 21475
CU. YD. CU. YD.

EARTHWORK I-55/70

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
STAGE 1				
1326+00.000	58	7	0	0
1326+50.000	58	6	107	12
1327+00.000	53	8	103	13
1327+50.000	54	12	99	19
1328+00.000	54	12	100	22
1328+50.000	53	12	99	22
1329+00.000	66	13	110	23
1329+50.000	66	13	122	24
1330+00.000	59	15	116	26
1330+50.000	55	17	106	30
1331+00.000	54	20	101	34
1331+50.000	56	22	102	39
1332+00.000	55	22	103	41
1332+50.000	57	23	104	42
1333+00.000	58	22	106	42
1333+50.000	62	21	111	40
1334+00.000	66	20	119	38
1334+50.000	86	22	141	39
1335+00.000	94	28	167	46
1335+50.000	103	30	182	54
1336+00.000	106	28	194	54
1336+50.000	113	29	203	53
1337+00.000	119	29	215	54
1337+50.000	123	32	224	56
1338+00.000	185	35	285	62
1338+50.000	199	39	356	69
1339+00.000	212	38	381	71
1339+50.000	230	34	409	67
1340+00.000	178	33	378	62
1340+50.000	171	31	323	59
1341+00.000	143	25	291	52
1341+50.000	174	27	294	48
1342+00.000	129	30	281	53
1342+50.000	138	29	247	55
1343+00.000	134	30	252	55

1362+50.000	74	136		
1363+00.000	81	120	144	237
1363+50.000	85	114	154	217
1364+00.000	84	135	156	231
1364+50.000	78	130	150	245
1365+00.000	81	127	147	238
1365+50.000	75	109	144	219
1366+00.000	140	133	199	224
1366+50.000	149	107	268	222
1367+00.000	156	76	282	169
1367+50.000	166	57	298	123
1368+00.000	172	49	313	98
1368+50.000	176	50	322	92
1369+00.000	80	55	237	97
1369+50.000	82	69	150	115
1370+00.000	83	11	153	74
1370+50.000	66	62	138	68
1371+00.000	65	38	121	93
1371+50.000	57	27	113	60
1372+00.000	36	15	86	39
1372+50.000	31	14	62	27
1373+00.000	24	7	51	19
1373+50.000	18	1	39	7
1374+00.000	16	4	31	5
1374+50.000	15	2	29	6
1375+00.000	13	1	26	3
1375+50.000	13	0	24	1
1376+00.000	13	0	24	0
1376+50.000	12	1	23	1
SUBTOTAL= 10415 4406				

16703 5411
CU. YD. CU. YD.

EARTHWORK I-55/70 (CONT'D)

STAGE 2				
1340+00.000	72	10		
1340+50.000	75	2	136	11
1341+00.000	134	28	194	28
1341+50.000	147	24	260	48
1342+00.000	194	14	316	35
1342+50.000	180	4	346	17
1343+00.000	224	18	374	20
STAGE 2				
1362+50.000	184	40		
1363+00.000	176	30	333	65
1363+50.000	136	18	289	44
1364+00.000	95	1	214	18
1364+50.000	80	8	162	8
1365+00.000	82	14	150	20
1365+50.000	88	19	157	31
1366+00.000	0	0	81	18
1366+50.000	0	0	0	0
1367+00.000	0	0	0	0
1367+50.000	0	0	0	0
1368+00.000	16	6	15	6
1368+50.000	40	4	52	9
1369+00.000	194	3	217	6
1369+50.000	200	3	365	6
1370+00.000	130	78	306	75
1370+50.000	112	7	224	79
1371+00.000	99	13	195	19
1371+50.000	89	8	174	19
1372+00.000	52	2	131	9
1372+50.000	35	2	81	4
1373+00.000	15	0	46	2
SUBTOTAL= 4818 597				
STAGE 3				
1362+50.000	227	106		
1363+00.000	192	74	388	167
1363+50.000	170	39	335	105
1364+00.000	110	8	259	44
1364+50.000	84	10	180	17
1365+00.000	80	19	152	27
1365+50.000	88	33	156	48
SUBTOTAL= 1470 408				

EARTHWORK SCHEDULE - SUMMARY

ROADWAY	EARTH EXCAVATION CU YD	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
IL ROUTE 162				
STAGE I	1288	966	429	537
STAGE II	13106	9830	43300	-33471
STAGE III	18310	13733	40144	-26412
STAGE III LEFT	768	576	176	400
EAST FRONTAGE ROAD				
STAGE I	3918	2939	9241	-6303
STAGE II	14318	10739	847	9892
STAGE III	25024	18768	207	18561
WEST FRONTAGE ROAD				
STAGE I	3824	2868	3624	-756
STAGE II	9907	7430	1976	5454
STAGE III	15325	11494	2826	8668
RAMP A				
STAGE I	84	63	3	60
STAGE II	10361	7771	31132	-23361
STAGE III	0	0	0	0
RAMP B				
STAGE I	301	226	378	-152
STAGE II	8067	6050	21966	-15916
STAGE III	0	0	0	0
RAMP C				
STAGE I	0	0	0	0
STAGE II	0	0	0	0
STAGE III	4718	3539	21475	-17937
RAMP D				
STAGE I	119	89	383	-294
STAGE II	0	0	0	0
STAGE III	4280	3210	17350	-14140
I-55/70				
STAGE I	10415	7811	4406	3405
STAGE II	4818	3614	597	3017
STAGE III	1470	1103	408	695
TOTAL	150421	112816	200868	-88052

SHRINKAGE FACTOR FOR EARTH EXCAVATION: 25%

EARTH EXCAVATION	150425	CU YD
BORROW EXCAVATION	88055	CU YD

EARTHWORK RAMP B

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
STAGE 1				
16+00.000	0	0	0	0
16+50.000	0	31	0	29
17+00.000	4	13	4	41
17+50.000	16	13	19	24
18+00.000	22	61	35	69
18+50.000	29	42	47	95
19+00.000	51	28	74	65
19+50.000	81	31	122	55
SUBTOTAL= 301 378				
STAGE 2				
11+50.000	4	2951		
12+00.000	48	2342	48	4834
12+50.000	84	2169	122	4110
13+00.000	0	35	78	2032
13+50.000	336	1697	311	1595
14+00.000	457	1374	734	2801
14+50.000	619	1038	996	2191
15+00.000	627	675	1154	1528
15+50.000	517	424	1059	959
16+00.000	388	223	838	565
16+50.000	304	153	641	314
17+00.000	246	115	509	231
17+50.000	198	102	411	183
18+00.000	176	60	346	150
18+50.000	148	10	300	65
19+00.000	139	7	266	16
19+50.000	135	8	254	14
SUBTOTAL= 8067 21588				

8368 21966
CU. YD. CU. YD.

EARTHWORK RAMP D

Station	Area Cut SQ FT	Area Fill SQ FT	Volume Cut CU YD	Volume Fill CU YD
STAGE 1				
14+50.000	0	2	0	0
15+00.000	0	10	0	11
15+50.000	1	48	1	54
16+00.000	14	13	14	56
16+50.000	11	4	23	16
17+00.000	4	0	14	4
17+50.000	0	0	4	0
18+00.000	24	96	22	89
18+50.000	20	69	41	153
SUBTOTAL= 119 383				
STAGE 3				
11+50.000	14	2343		
12+00.000	107	1583	112	3319
12+50.000	165	1392	252	2644
13+00.000	190	1295	329	2428
13+50.000	266	1135	422	