

EARTHWORK VOLUMES FOR RUNWAY 9-27 - PCC

STATION	CUT AREA S.F.	FILL AREA S.F.	CUT VOL. C.Y.	FILL VOL. C.Y.
97+00	0	0	0	89
97+50	0	96	0	37
97+60	0	104	0	180
98+00	0	139	0	250
98+50	0	131	0	274
99+00	0	165	0	351
99+50	0	214	4	353
100+00	4	167	6	330
100+50	3	189	19	325
101+00	17	162	28	288
101+50	13	149	35	247
102+00	25	118	35	175
102+36	28	144	15	74
102+50	31	141	65	251
103+00	39	130	74	243
103+50	41	132	79	244
104+00	44	132	97	217
104+50	61	102	122	180
105+00	71	92	96	157
105+40	58	120	22	46
105+50	60	128	108	301
106+00	57	197	99	443
106+50	50	281	76	603
107+00	32	370	94	674
107+50	69	358	144	693
108+00	86	390	142	726
108+50	67	394	106	770
109+00	47	438	81	782
109+50	40	407	53	776
110+00	17	431	23	710
110+50	8	444	8	832
111+00	1	455	1	829
111+50	0	440	5	747
112+00	5	367	31	563
112+50	29	241	60	379
113+00	36	168	78	285
113+50	48	140	79	218
114+00	37	95	89	131
114+50	59	46	88	97
115+00	36	59	75	131
115+50	45	82	97	153
116+00	60	83	93	191
116+50	40	123	70	249
117+00	36	146	86	250
117+50	57	124	96	256
118+00	47	152	97	288
118+50	58	159	120	281
119+00	72	144	150	260
119+50	90	137	180	250
120+00	104	133	205	231
120+50	117	116	219	237
121+00	120	140	236	269
121+50	135	150	250	287
122+00	135	160		
TOTAL			26,222	36,877

EARTHWORK VOLUMES FOR RUNWAY 9-27 - PCC

STATION	CUT AREA S.F.	FILL AREA S.F.	CUT VOL. C.Y.	FILL VOL. C.Y.
122+00	135	160	276	281
122+50	163	144	296	306
123+00	157	187	301	361
123+50	168	203	302	410
124+00	158	240	299	481
124+50	165	279	307	559
125+00	167	325	309	644
125+50	167	370	302	718
126+00	159	405	301	781
126+50	166	438	326	820
127+00	186	448	368	844
127+50	211	464	468	854
128+00	294	458	581	859
128+50	333	470	631	869
129+00	348	469	766	852
129+50	479	451	867	842
130+00	457	458	999	826
130+50	622	434	1277	765
131+00	757	392	1441	755
131+50	799	423	1744	722
132+00	1084	357	2124	666
132+50	1210	362	2468	640
133+00	1455	329	2544	631
133+50	1293	352	903	207
133+67	1574	304	1029	361
134+00	109	286	11	28
134+03	83	215	292	359
134+50	253	197	446	361
135+00	229	193	212	431
135+50	0	272	0	481
136+00	0	247	0	406
136+50	0	192	0	258
137+00	0	87	0	116
137+40	0	69	0	24
137+50	0	59	0	59
138+00	0	5	0	5
138+50	0	0	0	5
TOTAL			26,222	36,877

EARTHWORK VOLUMES FOR TAXIWAY "D" - PCC

STATION	CUT AREA S.F.	FILL AREA S.F.	CUT VOL. C.Y.	FILL VOL. C.Y.
8+30	0	309	0	219
8+50	0	283	139	292
8+92	179	93	66	27
9+00	267	86	385	99
9+36	311	62	159	31
9+50	304	57	543	99
10+00	282	50	495	86
10+50	253	43	439	74
11+00	221	37	389	70
11+50	199	39	389	70
12+00	221	37	381	62
12+50	190	30	317	52
13+00	152	26	110	22
13+21.13	130	30	130	30
13+50	114	26	134	31
13+81.99	113	26	71	16
14+00	100	23	142	34
14+50	53	14	111	22
15+00	67	10	22	3
15+08.71	68	11	106	15
15+50	70	9	55	6
15+69.58	81	7	109	6
16+00	113	3	37	1
16+08.50	124	2	222	2
16+50	165	1	348	1
17+00	211	0	419	0
17+50	242	0	444	2
18+00	238	2	246	17
18+33	165	25	109	15
18+58.08	70	8	99	6
19+00	58	0	68	0
1920.50	120	0		
TOTAL			6,686	1,411

EARTHWORK VOLUMES FOR RUNWAY TURNAROUND - PCC

STATION	CUT AREA S.F.	FILL AREA S.F.	CUT VOL. C.Y.	FILL VOL. C.Y.
300+30	0	150	0	95
300+50	0	107	76	178
300+92	98	0	32	178
301+00	119	0	323	178
301+50	230	0	508	178
302+00	319	0	570	178
302+50	297	0	153	178
302+63.88	299	0	28	178
302+65.88	455	0	28	178
302+67.88	297	0	344	178
303+00	281	0	448	178
303+50	203	0	217	178
303+81.77	166	0	102	178
304+00	135	0	52	178
304+11.27	116	0	99	179
304+39.77	71	1	55	265
304+81.77	0	110	0	352
305+01.77	0	125		
TOTAL			3,036	352

152--UNCLASSIFIED EXCAVATION NOTES:

UNCLASSIFIED EXCAVATION SHALL BE ACCOMPLISHED BY MEANS OF SELECT GRADING OF THE EARTHEN MATERIAL. USABLE TOPSOIL SHALL BE PLACED ON ALL SHOULDERS AND PROPOSED TURF AREAS AND THE MATERIALS ENCOUNTERED IN THE LOWER HORIZONS WILL BE UTILIZED TO FORM THE FILLS NECESSARY TO ACHIEVE THE PROPOSED GRADES.

EXCAVATION SHALL BE PAID FOR ONLY ONCE. STOCKPILING OF TOPSOIL FOR LATER REUSE AND REDISTRIBUTION, IF NECESSARY, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. NO PAYMENT WILL BE ALLOWED FOR DOUBLE HANDLING OF ANY MATERIAL.

THE AVAILABLE TOPSOIL WILL BE DISTRIBUTED UNIFORMLY OVER THE PROPOSED TURF AREAS. THE EXCAVATION NECESSARY TO ACHIEVE THE UNIFORM DEPTH OF TOPSOIL IS TO BE CONSIDERED INCIDENTAL TO ITEM 152410 - UNCLASSIFIED EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE COMPACTION OF THE TOP 16" OF MATERIAL BENEATH PAVEMENT AREAS TO BE PROCESSED WILL BE COMPACTED TO A MINIMUM DENSITY OF 92% OF THE MAXIMUM DRY DENSITY.

BY	
REVISION	
DATE	
TAYLORVILLE MUNICIPAL AIRPORT TAYLORVILLE, ILLINOIS	
A.I.P. PROJ.: J-17-0100-B7	
IL. PROJ.: TAZ-3166	

HEL Project No. 828-03RWYGD 0800	
Frame R-521CON.DWG	
Scale N/A	
Date 03/27/05	
LAYOUT	03/27/05
RAW	03/27/05
DRAWN	03/27/05
REVIEWED	03/28/05



CONSTRUCT
RUNWAY 9-27
PROJECT EARTHWORK
VOLUME TABLE
PCC ALTERNATE