

EARTHWORK VOLUMES FOR RUNWAY 9-27 - BITUMINOUS

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	348
100+00	4	162	6	320
100+50	3	184	19	316
101+00	17	157	28	279
101+50	13	144	35	238
102+00	25	113	35	168
102+36	28	139	15	71
102+50	31	136	65	242
103+00	39	125	74	233
103+50	41	127	79	235
104+00	44	127	97	207
104+50	61	97	122	170
105+00	71	87	96	150
105+40	58	115	22	44
105+50	60	123	108	292
106+00	57	192	99	433
106+50	50	276	76	594
107+00	32	365	94	665
107+50	69	353	144	683
108+00	86	385	142	717
108+50	67	389	106	761
109+00	47	433	81	773
109+50	40	402	53	767
110+00	17	426	23	801
110+50	8	439	8	823
111+00	1	450	1	819
111+50	0	435	5	738
112+00	5	362	31	554
112+50	29	236	60	369
113+00	36	163	78	276
113+50	48	135	79	208
114+00	37	90	89	121
114+50	59	41	88	88
115+00	36	54	75	121
115+50	45	77	97	144
116+00	60	78	93	181
116+50	40	118	70	240
117+00	36	141	86	241
117+50	57	119	96	246
118+00	47	147	97	279
118+50	58	154	120	271
119+00	72	139	150	251
119+50	90	132	180	241
120+00	104	128	205	221
120+50	117	111	219	228
121+00	120	135	236	259
121+50	135	145	250	278
122+00	135	155		
TOTAL			26,512	36,220

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STATION	CUT AREA S.F.	FILL AREA S.F.	CUT VOL. C.Y.	FILL VOL. C.Y.
122+00	135	155	276	272
122+50	163	139	296	297
123+00	157	182	301	352
123+50	168	198	302	401
124+00	158	235	299	471
124+50	165	274	307	550
125+00	167	320	309	634
125+50	167	365	302	708
126+00	159	400	301	771
126+50	166	433	326	811
127+00	186	443	368	835
127+50	211	459	468	844
128+00	294	453	581	850
128+50	333	465	631	860
129+00	348	464	766	843
129+50	479	446	867	832
130+00	457	453	999	817
130+50	622	429	1277	756
131+00	757	387	1441	745
131+50	799	418	1744	713
132+00	1084	352	2124	656
132+50	1210	357	2468	631
133+00	1455	324	2544	621
133+50	1293	347	903	203
133+67	1574	299	1140	354
134+00	291	281	31	27
134+03	265	210	451	350
134+50	253	192	446	352
135+00	229	188	212	426
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			26,512	36,220

EARTHWORK VOLUMES FOR TAXIWAY "D" - BITUMINOUS

STATION	CUT AREA S.F.	FILL AREA S.F.	CUT VOL. C.Y.	FILL VOL. C.Y.
8+30	0	301	0	214
8+50	0	278	139	286
8+92	179	90	66	26
9+00	267	83	385	95
9+36	311	59	159	29
9+50	304	54	543	94
10+00	282	47	495	81
10+50	253	40	439	69
11+00	221	34	389	65
11+50	199	36	389	65
12+00	221	34	381	56
12+50	190	27	317	46
13+00	152	23	110	20
13+21.13	130	27	130	27
13+50	114	23	134	27
13+81.99	113	23	71	14
14+00	100	20	143	30
14+50	54	12	113	19
15+00	68	8	22	3
15+08.71	69	9	107	12
15+50	71	7	55	5
15+69.58	82	6	112	5
16+00	116	3	38	1
16+08.50	127	2	227	2
16+50	168	1	354	1
17+00	214	0	425	0
17+50	245	0	450	2
18+00	241	2	248	15
18+33	165	22	110	13
18+58.08	72	6	106	5
19+00	64	0	75	0
1920.50	133	0		
TOTAL			6,732	1,324

EARTHWORK VOLUMES FOR RUNWAY TURNAROUND - BITUMINOUS

STATION	CUT AREA S.F.	FILL AREA S.F.	CUT VOL. C.Y.	FILL VOL. C.Y.
300+30	0	143	0	91
300+50	0	103	78	80
300+92	100	0	33	0
301+00	121	0	327	0
301+50	232	0	512	0
302+00	321	0	574	0
302+50	299	0	154	0
302+63.88	301	0	28	0
302+65.88	457	0	28	0
302+67.88	299	0	346	0
303+00	283	0	452	0
303+50	205	0	219	0
303+81.77	168	0	103	0
304+00	137	0	53	0
304+11.27	118	0	101	1
304+39.77	73	1	57	82
304+81.77	0	105	0	80
305+01.77	0	112		
TOTAL			3,065	335

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.

MAY 05, 2005 10:18 PM RAW
I:\AIRPORT\TAYLORVILLE\828-03RWYGD\AIRPORT\SHEETS\R-521CON.DWG - EARTHWORK TABLE - BITUMINOUS

BY	
REVISION	
DATE	
TAYLORVILLE MUNICIPAL AIRPORT TAYLORVILLE, ILLINOIS	
I.L. PROJ.: TAZ-3166 A.I.P. PROJ.: 3-17-0100-87	
82 Project No. 828-03RWYGD_0800 Filename R-521CON.DWG Scale N/A Date 03/27/05	LAYOUT 03/27/05 RAW 03/27/05 DRAWN 03/27/05 REVIEWED CAH 03/28/05
 <p>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2886 Offices Nationwide</p>	
CONSTRUCT RUNWAY 9-27 PROJECT EARTHWORK VOLUME TABLE BITUMINOUS ALTERNATE	
125	
125 of 127 sheets	