

CONTRACT No 94367

\* Adjusted for Shrinkage (2% Shrinkage Assumed)  
 \*\* Waste (+) or Shortage (-)

Stage	Location		Restricted Material Cubic Yard	Earth Excavation Cubic Yard	Excavation to be used in Embankment Cubic Yard	Embankment Cubic Yard	Earthwork Balance** Cubic Yard	Topsoil Excavation and Placement Cubic Yard	Topsoil Waste Cubic Yard
	From	To							
1A (Detour 1)	977+00	1010+00	0	4832	3624	6819	-3194	0	5290
1A (Detour 2)	1100+00	1140+00	0	1031	774	16285	-15512	0	4987
1A TOTAL			0	5865	4398	23104	-18706	0	10277
1C	968+00	1021+00	3857	9245	6934	9039	-2105	1695	6594
1C	1021+00	1074+00	11744	17019	12764	99376	-86612	4323	17887
1C	1074+00	1127+00	7561	6917	5188	40520	-35333	2711	11397
1C	1127+00	1138+00	0	3929	2947	2163	784	461	1714
1C (1725)	08+50	09+87.76	0	197	148	37	111	60	233
1C (1700)	10+12.33	11+80	0	69	52	141	-89	67	227
1C (1625)	10+12	12+00	0	51	38	173	-135	56	213
1C TOTAL			23162	37425	28070	151449	-123379	9374	38265
2C	998+00	1001+50	0	1115	836	532	304	294	374
2C	1017+00	1020+50	1342	490	367	1731	-1363	315	694
2C	1102+00	1106+00	554	350	263	1537	-1275	244	550
2C TOTAL			1895	1955	1466	3800	-2334	853	1619
2D	968+00	998+00	0	6874	5156	2458	2697	1691	422
2D	1001+50	1017+00	116	4056	3042	922	2119	1110	-915
2D	1020+50	1073+50	111	12852	9639	5154	4485	3931	-1955
2D	1073+50	1102+00	0	3373	2530	1545	984	1832	-243
2D	1106+00	1143+50	0	12123	9092	1544	7549	2271	-1090
2D (1650)	07+00	09+88	0	242	182	3663	-3482	73	185
2D (1600)	08+50	09+87.75	0	28	21	75	-54	35	173
2D (1550R)	08+00	09+87.71	0	55	41	212	-171	80	258
2D (1550L)	10+12.29	12+50	0	107	80	423	-343	99	273
2D (1500)	10+12.03	12+50	0	907	680	23	657	150	403
2D TOTAL			227	40620	30463	16019	14443	11272	-2488
TOTALS			25284	85865	64396	194372	-124714	21499	47672

**Temporary Entrances\***

U.S. 45	Type of Ent	TON
979+53.4	RT	25.5
980+92.7	RT	10.8
982+34.1	RT	16.2
986+09.5	RT	26.6
991+29.0	RT	15.2
999+34.4	RT	12.9
1004+91.4	LT	12.0
1006+50.3	LT	17.2
1010+11.67	LT	31.1
1024+79.5	RT	33.0
1063+00.00	RT	35.4
1064+85.03	RT	15.4
1076+49.26	RT	46.8
1084+56.5	RT	21.9
1086+63.29	RT	20.5
1092+40.2	RT	23.6
1096+13.07	RT	27.3
1099+78.51	RT	15.0
1113+30.62	LT	10.2
1113+30.62	LT	11.1
1119+64.2	LT	15.4
1127+96.8	LT	12.5
1129+47.3	LT	11.6
1131+54.8	LT	23.1
1134+82.2	LT	12.7
TOTAL		503

**Temporary Mailbox Turnouts\***

U.S. 45	TON	
980+92.7	22.7	
982+33.8	17.3	
986+09.5	19.1	
991+29.0	32.0	
992+69.9	16.7	
1005+28.5	35.0	
1113+30.4	23.3	
1119+64.2	16.7	
1127+96.8	20.0	
1129+47.3	16.7	
1134+82.2	16.7	
TOTAL		236

**Temporary Barrier\***

U.S. 45	TO	TON
1034+00.00	to 1034+90.56	11.5
1034+90.56	to 1036+00.00	13.9
1055+50.00	to 1057+50.00	25.4
1122+00.00	to 1127+50.00	69.8
<b>Detour 1</b>		
988+50.00	to 989+50.00	25.4
1000+62.00	to 1001+62.00	12.7
<b>Detour 2</b>		
1122+00.00	to 1127+50.00	69.8
1122+50.00	to 1127+00.00	57.1
TOTAL		286

**FENCE REMOVAL**

LOCATION	FOOT	
986+90.58	Lt	412
992+74.84	Lt	23
1046+49.65	Lt	130
1047+67.45	Rt	120
1048+88.52	Rt	39
1049+08.63	Lt	124
1049+81.21	Rt	1333
1062+20.42	Lt	181
1062+20.42	Rt	22
1062+50.14	Rt	19
1062+65.35	Rt	34
1066+00.00	Lt	53
1071+94.18	Lt	60
1071+94.19	Rt	301
1074+19.68	Lt	55
1076+40.39	Rt	778
1076+43.33	Lt	40
1083+44.09	Lt	58
1090+42.07	Lt	47
1090+42.07	Rt	327
1093+27.73	Lt	48
1094+27.75	Lt	42
1094+27.76	Rt	448
1097+31.23	Lt	58
1117+51.98	Rt	136
1118+20.02	Lt	1048
1120+00.00	Rt	1032
TOTAL		6969

**REMOVAL OF EXISTING STRUCTURES**

No.	LOCATION	EACH
2	984+34.00	1
3	989+09.00	1
4	997+02.00	1
5	1001+12.00	1
6	1011+16.00	1
7	1040+19.21	1
8	1049+24.00	1
9	1071+00.00	1
10	1077+75.00	1
11	1089+70.55	1
12	1096+70.00	1
13	1123+70.00	1
14	1142+45.00	1

**GEOTEXTILE RETAINING WALL**

Sta	Base Reinf	Wraps	Base of Each Wrap Above Culvert	Area (sq ft)
1142+45.00	4.5'	1	0.0	7
TOTAL				7

**BUILDING REMOVAL**

DESCRIPTION	LOCATION (US 45)	SIDE
BUILDING REMOVAL NO. 1	985+50.00	LT
BUILDING REMOVAL NO. 2	986+10.00	LT
BUILDING REMOVAL NO. 3	986+40.00	LT
BUILDING REMOVAL NO. 4	991+80.00	LT
BUILDING REMOVAL NO. 5	1003+80.00	RT
BUILDING REMOVAL NO. 6	1065+68.00	LT
BUILDING REMOVAL NO. 7	1066+50.00	LT

**CHANNEL EXCAVATION**

LOCATION	CU YD	
Culvert No 7		
1040+19.21	Lt	1041
Culvert No 8		
1049+09.10	Rt	154
Culvert No 12		
1096+70.00	Lt	29
Culvert No 13		
1123+70.00	Lt	396
Culvert No 14		
1142+45	Lt	129
TOTAL		1749

1. Restricted Material cannot be used as embankment within the frost zone.
2. See special provisions for further detail about embankment.
3. Topsoil waste is paid for as removal and disposal of unsuitable. There is an additional 263 cu yd of unsuitable material located at culvert No. 7.
4. Topsoil removal is at a depth of 1' and topsoil placement is at a depth of 4".
5. Borrow Excavation is obtained by dividing the Earthwork Balance by 0.75.
6. All other material will be considered suitable at the engineer's discretion.
7. Earthwork is separated into 5300 ft intervals so the earthwork does not violate the 10 acre of exposed ground.

\* AGGREGATE BASE COURSE, TYPE B

**TEMPORARY RAMP**

LOCATION	SQ YD	
CROSSOVER 1	58	
CROSSOVER 3	116	
Twp Rd 980E 1725N 100650.3 RT	53	
Twp Rd 960E 1700N 102041.93 LT	60	
Twp Rd 975E 1650N 104801.46 RT	58	
Twp Rd 975E 1625N 106301.37 LT	58	
Twp Rd 975E 1600N 107649.2 RT	53	
Iola Road 110404.37 RT	53	
110404.37 LT	58	
Twp Rd 1000E 1500N 113154.81 LT	58	
TOTAL		625

**PAVEMENT REMOVAL**

U.S. 45	TO	TO	SO YD
980+00.00	to 988+25.00		2383
989+00.00	to 989+20.00		58
990+00.00	to 1119+00.00		37267
1128+50.00	to 1138+00.00		2744
1142+15.00	to 1142+75.00		173
<b>Detour 1</b>			
2+00.00	to 30+94.00		7074
<b>Detour 2</b>			
1+22.00	to 27+92.00		6527
Total			56226

**PAVEMENT TO BE BROKEN & LEFT IN PLACE  
 \*TO BE PAID AS INCIDENTAL TO EARTH EXCAVATION**

U.S. 45	TO	TO	SO YD
988+25.00	to 989+00.00		217
989+20.00	to 990+00.00		231
1119+00.00	to 1120+70.00		491
1127+30.00	to 1128+50.00		347
Total			1286

**PIPE CULVERT REMOVAL**

LOCATION	FOOT	
1010+13.12	35	
1104+30.00	50	
1096+12.71	41	
<b>TWP RD 1650N 975E</b>		
08+91.82	41	
TOTAL		167

**GUARDRAIL REMOVAL**

LOCATION	FOOT	
1038+92.00	to 1040+91.70 Rt	200
1038+71.30	to 1040+70.80 Rt	200
Total		400

**BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)**

U.S. 45	TO	TO	SQ YD
968+00.00	to 980+00.00		3466.7
1019+40.00	to 1019+90.00		144.4
1138+00.00	to 1141+91.23		1130.2
1141+61.23	to 1143+50.00		545.3
Total			5287

**FILLING EXISTING WELLS**

U.S. 45	Offset	EACH	
1103+74.14	Lt	25.65	1
TOTAL		1	

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## SCHEDULE OF QUANTITIES

SCALE: VERT. 1"=10'  
 HORIZ. 1"=100'  
 DATE: 12/14/04

DRAWN BY: JJC  
 CHECKED BY: WHG