

**EARTHWORK STAGE I**

OFFSET	LOCATION	STATION TO	STATION	EARTH EXCAVATION (CUT) CU YD	EARTH EXCAVATION (SPECIAL) (CUT) CU YD	CHANNEL EXCAVATION (CUT) CU YD	*EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	EMBANKMENT (FILL) CU YD	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) CU YD
RT	MAIN LINE	541+93.85	1010+00.00	20,035	-	-	15,026	16,677	-1,651
RT	MAIN LINE	1013+00.00	1016+00.00	113	-	-	85	2,216	-2,131
RT	MAIN LINE	1016+00.00	1017+00.00	42	-	-	32	818	-786
RT	MAIN LINE	1020+00.00	46+80.05	18,890	-	-	14,168	6,745	7,423
LT & RT	1700th AVE	217+00.00	231+08.24	725	-	-	544	773	-229
LT & RT	IL RTE 32	49+90.00	56+03.00	997	-	-	748	438	310
LT & RT	LAKE SARA RD	60+00.00	64+00.00	443	-	-	333	749	-416
LT & RT	NAZARENE RD	82+36.29	84+87.47	100	-	-	75	72	24
LT & RT	LYNN ACRES DR	98+75.00	100+00.00	40	-	-	30	6	295
LT & RT	WBSH RIVER HILL RD	127+05.43	130+00.00	762	-	-	572	277	4,182
LT & RT	WOOD BIRD DR	297+30.74	310+00.00	5576	-	-	4,182	-	263
LT & RT	FORD AVE	183+75.00	185+00.00	351	-	-	263	-	-
STAGE I TOTAL				48,074	0	0	36,058	28,771	7,287

**EARTHWORK STAGE II**

OFFSET	LOCATION	STATION TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
LT	MAIN LINE	541+93.85	1010+00.00	24,055	-	-	18,041	17,700	341
LT	MAIN LINE	1013+00.00	1016+00.00	100	-	-	75	2,424	-2,349
LT	MAIN LINE	1016+00.00	1017+00.00	36	-	-	27	884	-857
LT	MAIN LINE	1020+00.00	1026+03.00	2,149	-	-	1,612	1,332	280
LT	MAIN LINE	1026+03.00	1033+86.00	-	13,527	-	10,145	0	10,145
LT	MAIN LINE	1033+86.00	46+80.05	1,053	-	-	790	2,218	-1,428
LT & RT	1000th ST	65+00.00	67+60.00	104	-	-	78	0	26
LT & RT	STONERIDGE DR	70+00.00	71+00.00	42	-	-	32	0	30
LT & RT	1075th ST	75+00.00	76+62.13	53	-	-	40	3	37
LT & RT	WEBB ST	240+00.00	241+75.00	204	-	-	153	2	151
LT & RT	BRIARWOOD DR	90+00.00	91+25.00	57	-	-	43	3	40
LT & RT	COUNTRY ESTATES	105+00.00	106+00.00	19	-	-	14	9	6
LT & RT	LEPRECHAUN LN	110+00.00	110+61.00	23	-	-	18	3	15
LT & RT	IRISH HILL RD	120+00.00	121+00.00	69	-	-	52	9	43
LT & RT	1200th ST	200+00.00	213+00.00	7259	-	-	5,444	12943	-7,499
LT & RT	GREEN CREEK	499+25.00	503+25.00	-	-	3724	2,793	4458	-1,665
LT & RT	LAKE RD	150+00.00	151+05.03	33	-	-	25	3	22
STAGE II TOTAL				35,256	13,527	3,724	39,381	41,992	-2,611
GRAND TOTAL				83,330	13,527	3,724	75,439	70,763	4,676

\*EARTH EXCAVATION OR CHANNEL EXCAVATION MULTIPLIED BY SHRINKAGE FACTOR (1 - 0.25 = 0.75)

**TOPSOIL EXCAVATION AND PLACEMENT STAGE I**

OFFSET	LOCATION	STATION TO	STATION	EXCAVATION (CUT) CU YD	*EXCAVATION ADJUSTED FOR SHRINKAGE CU YD	PLACEMENT (FILL) CU YD	TOPSOIL BALANCE WASTE (+) SHORTAGE (-) CU YD
RT	MAIN LINE	541+93.85	1010+00.00	11,585	10,427	6,065	4,362
RT	MAIN LINE	1013+00.00	1016+00.00	392	353	272	81
RT	MAIN LINE	1016+00.00	1017+00.00	147	132	108	24
RT	MAIN LINE	1020+00.00	46+80.05	1,032	929	1,168	-239
LT & RT	1700th AVE	217+00.00	231+08.24	-	-	299	-299
LT & RT	IL RTE 32	49+90.00	56+03.00	-	-	600	-600
LT & RT	LAKE SARA RD	60+00.00	64+00.00	-	-	173	-173
LT & RT	NAZARENE RD	82+36.29	84+87.47	-	-	66	-66
LT & RT	LYNN ACRES DR	98+75.00	100+00.00	-	-	9	-9
LT & RT	LYNN ACRES DR	127+05.43	130+00.00	-	-	261	-261
LT & RT	WOOD BIRD DR	297+30.74	310+00.00	-	-	190	-190
LT & RT	FORD AVE	178+79.12	185+00.00	-	-	-	-
STAGE I TOTAL				13,156	11,841	9,304	2,537

**TOPSOIL EXCAVATION AND PLACEMENT STAGE II**

OFFSET	LOCATION	STATION TO	STATION	CU YD	CU YD	CU YD	CU YD
LT	MAIN LINE	541+93.85	1010+00.00	12,346	11,111	6,564	4,547
LT	MAIN LINE	1013+00.00	1016+00.00	403	363	189	174
LT	MAIN LINE	1016+00.00	1017+00.00	144	130	106	24
LT	MAIN LINE	1020+00.00	1026+03.00	357	321	207	114
LT	MAIN LINE	1026+03.00	1033+86.00	-	-	198	-198
LT	MAIN LINE	1033+86.00	46+80.05	593	534	301	233
LT & RT	1000th ST	65+00.00	67+60.00	-	-	66	-66
LT & RT	STONERIDGE DR	70+00.00	71+00.00	-	-	6	-6
LT & RT	1075th ST	75+00.00	76+62.13	-	-	19	-19
LT & RT	WEBB ST	240+00.00	241+75.00	-	-	27	-27
LT & RT	BRIARWOOD DR	90+00.00	91+25.00	-	-	23	-23
LT & RT	COUNTRY ESTATES	105+00.00	106+00.00	-	-	7	-7
LT & RT	LEPRECHAUN LN	110+00.00	110+61.00	-	-	-	-
LT & RT	IRISH HILL RD	120+00.00	121+00.00	-	-	18	-18
LT & RT	1200th ST	200+00.00	213+00.00	-	-	788	-788
LT & RT	LAKE RD	150+00.00	151+05.03	-	-	9	-9
STAGE II TOTAL				13,843	12,459	8,528	3,931
GRAND TOTAL				26,999	24,300	17,832	6,468

\*TOPSOIL EXCAVATION MULTIPLIED BY SHRINKAGE FACTOR (1 - 0.10 = 0.90)

**SEEDING**

STATION TO	STATION	OFFSET	SEEDING CLASS 2A	SEEDING CLASS 4A	SEEDING CLASS 4B	SEEDING CLASS 5	SEEDING CLASS 5B	NITROGEN FERTILIZER	PHOSPHOROUS FERTILIZER	POTASSIUM FERTILIZER	AGRICULTURAL GROUND LIMESTONE	MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING
			ACRE	ACRE	ACRE	ACRE	ACRE	POUND	POUND	POUND	TON	TON	POUND
541+93.85	549+00.00	LT	0.4	0.1	-	0.1	-	47	47	47	1.0	1.0	52
541+93.85	549+00.00	RT	0.5	0.1	-	0.1	-	55	55	55	1.2	1.2	61
549+00.00	866+00.00	LT	0.8	0.2	-	0.2	-	93	93	93	2.1	2.1	103
549+00.00	866+00.00	RT	0.2	0.1	-	0.1	-	27	27	27	0.6	0.6	30
866+00.00	898+00.00	LT	0.5	0.3	-	0.3	-	72	72	72	1.6	1.6	80
866+00.00	898+00.00	RT	0.6	0.3	-	0.3	-	84	84	84	1.9	1.9	93
898+00.00	910+00.00	LT	0.5	0.3	-	0.3	-	70	70	70	1.6	1.6	78
898+00.00	910+00.00	RT	0.6	0.3	-	0.3	-	77	77	77	1.7	1.7	85
910+00.00	922+00.00	LT	0.4	0.3	-	0.3	-	60	60	60	1.3	1.3	67
910+00.00	922+00.00	RT	0.4	0.3	-	0.3	-	62	62	62	1.4	1.4	69
922+00.00	934+00.00	LT	0.3	0.2	-	0.2	-	48	48	48	1.1	1.1	53
922+00.00	934+00.00	RT	0.4	0.2	-	0.2	-	57	57	57	1.3	1.3	64
934+00.00	946+00.00	LT	0.7	0.2	-	0.2	-	81	81	81	1.8	1.8	90
934+00.00	946+00.00	RT	0.5	0.2	-	0.2	-	66	66	66	1.5	1.5	73
946+00.00	957+00.00	LT	0.6	0.3	-	0.3	-	78	78	78	1.7	1.7	87
946+00.00	957+00.00	RT	0.5	0.3	-	0.3	-	72	72	72	1.6	1.6	80
957+00.00	970+00.00	LT	0.4	0.2	-	0.2	-	55	55	55	1.2	1.2	61
957+00.00	970+00.00	RT	0.3	0.2	-	0.2	-	47	47	47	1.0	1.0	52
970+00.00	982+00.00	LT	0.3	0.2	-	0.2	-	41	41	41	0.9	0.9	45
970+00.00	982+00.00	RT	0.2	0.2	-	0.2	-	33	33	33	0.7	0.7	36
982+00.00	994+00.00	LT	0.3	0.6	-	0.6	-	80	80	80	1.8	1.8	89
982+00.00	994+00.00	RT	0.5	0.6	-	0.6	-	101	101	101	2.2	2.2	112
994+00.00	1007+00.00	LT	1.5	0.4	-	0.4	-	174	174	174	3.9	3.9	193
994+00.00	1007+00.00	RT	1.3	0.4	-	0.4	-	155	155	155	3.4	3.4	172
1007+00.00	1016+00.00	LT	1.3	0.2	-	0.2	-	139	139	139	3.1	3.1	154
1007+00.00	1016+00.00	RT	1.0	0.2	-	0.2	-	106	106	106	2.4	2.4	118
203+50.00	213+10.00	LT	0.4	-	1.8	-	1.8	31	31	31	0.7	0.7	34
203+50.00	213+10.00	RT	0.4	-	0.6	-	0.6	41	41	41	0.9	0.9	46
1016+00.00	1021+00.00	LT	0.4	-	-	-	-	39	39	39	0.8	0.8	43
1016+00.00	1021+00.00	RT	0.4	-	-	-	-	36	36	36	0.8	0.8	40
1021+00.00	1032+00.00	LT	0.5	0.3	-	0.3	-	75	75	75	1.7	1.7	83
1021+00.00	1032+00.00	RT	0.3	0.4	-	0.4	-	64	64	64	1.4	1.4	71
1032+00.00	46+80.05	LT	0.6	0.2	-	0.2	-	72	72	72	1.6	1.6	81
1032+00.00	46+80.05	RT	1.2	0.5	-	0.5	-	154	154	154	3.4	3.4	171
TOTALS			19.3	8.3	2.4	8.3	2.4	2,492	2,492	2,492	55.4	55.4	2,766

**REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL**

OFFSET	LOCATION	STATION TO	STATION	EXCAVATION (CUT) CU YD
RT	MAIN LINE	957+00.00	962+00.00	743
LT	MAIN LINE	952+00.00	962+00.00	1000
STAGE II TOTAL				1,743

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EARTHWORK AND SEEDING SCHEDULE**

DATE 8/02

DRAWN BY MLO  
CHECKED BY TGC