

**EARTHWORK**

LOCATION	EARTH EXCAVATION (CUT) (CU YD)	EARTH EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
IL 54 RT	66	50	211	-161
IL 54 LT	78	59	182	-123
OLD TOWNSHIP RD	1715	1286	31	1255
<b>TOTAL</b>	<b>1859</b>			<b>971</b>
EARTH EXCAVATION	1860			

\*AN EARTH SHRINKAGE FACTOR OF 0.25 IS APPLIED

**TREE REMOVAL (6 TO 15 UNITS DIAMETER)**

STATION	OFFSET	UNITS
45+42.92	23.0' RT	6
45+56.35	24.7' RT	12
45+74.66	16.4' RT	12
46+55.38	20.0' RT	12
48+14.48	13.7' RT	6
48+14.75	13.1' RT	6
48+16.02	14.0' RT	6
48+16.86	14.2' RT	6
48+41.59	17.0' RT	8
48+41.97	16.2' RT	8
48+43.63	16.7' RT	14
48+47.83	20.2' RT	9
<b>TOTAL</b>		<b>105</b>

**TREE REMOVAL (OVER 15 UNITS DIAMETER)**

STATION	OFFSET	UNITS
43+18.08	20.2' RT	18
43+91.03	21.4' RT	18
45+48.09	21.2' RT	24
45+52.81	20.2' RT	24
46+18.94	19.9' RT	18
47+89.68	11.7' RT	28
48+14.83	2.9' RT	18
48+16.18	12.7' RT	18
<b>TOTAL</b>		<b>166</b>

**EROSION CONTROL BLANKET**

LOCATION	STATION TO	STATION	OFFSET	SQ YD
IL 54	139+21.00	140+91.65	LT	341
IL 54	138+96.00	140+91.65	RT	391
IL 54	142+64.35	145+00.00	LT	524
IL 54	142+64.35	144+35.10	RT	379
<b>TOTAL</b>				<b>1635</b>

**TEMPORARY DITCH CHECKS**

STATION	OFFSET	EACH
138+50	LT	1
138+90	LT	1
144+00	RT	1
42+00	LT	1
42+00	RT	1
48+00	LT	1
48+00	RT	1
<b>TOTAL</b>		<b>7</b>

**PERIMETER EROSION BARRIER**

LOCATION	STATION TO	STATION	OFFSET	FOOT
OLD TOWNSHIP RD	41+75.00	46+25.00	LT	450
	41+50.00	46+50.00	RT	500
IL 54	139+00.00	140+90.00	RT	190
	140+00.00	141+00.00	LT	100
	142+65.00	145+00.00	LT	235
	142+65.00	144+50.00	RT	185
	145+00.00	146+00.00	RT	100
<b>TOTAL</b>				<b>1760</b>

**SEEDING, FERTILIZERS AND MULCH**

STATION TO	STATION	OFFSET	SEEDING CLASS 2A (ACRE)	SEEDING CLASS 3 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH, METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
138+00.00	147+00.00	RT	0.50	-	45	45	45	0.50	50
138+00.00	147+00.00	LT	0.50	-	45	45	45	0.50	50
41+50.00	48+75.00	LT&RT	-	1.50	135	135	135	1.50	150
<b>TOTAL</b>			<b>1.00</b>	<b>1.50</b>	<b>225</b>	<b>225</b>	<b>225</b>	<b>2.50</b>	<b>250</b>

**AGGREGATE (PRIME COAT)**

LOCATION	STATION TO	STATION	OFFSET	TON
IL 54	139+94.00	140+61.65	LT&RT	0.5
IL 54	142+94.35	146+21.00	LT&RT	2.5
IL 54	138+00.00	140+61.65	LT&RT	2.0
IL 54	142+94.35	147+00.00	LT&RT	3.0
<b>TOTAL</b>				<b>8</b>

**TEMPORARY RAMP**

LOCATION	STATION TO	STATION	SQ YD
IL 54	140+45.29	140+61.65	58
IL 54	142+94.35	143+22.64	101
<b>TOTAL</b>			<b>159</b>

**BITUMINOUS MATERIALS (PRIME COAT)**

LOCATION	STATION TO	STATION	OFFSET	GALLON
IL 54	139+94.00	140+61.65	LT&RT	24
IL 54	142+94.35	146+21.00	LT&RT	116
IL 54	138+00.00	140+61.65	LT&RT	93
IL 54	142+94.35	147+00.00	LT&RT	144
<b>TOTAL</b>				<b>377</b>

**HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT**

LOCATION	STATION TO	STATION	SQ YD
IL 54	138+00.00	139+76.00	489
IL 54	146+48.00	147+00.00	144
<b>TOTAL</b>			<b>633</b>

**HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50**

LOCATION	STATION TO	STATION	OFFSET	TON
IL 54	139+94.00	140+61.65	LT&RT	35
IL 54	142+94.35	146+21.00	LT&RT	244
<b>TOTAL</b>				<b>279</b>

**BITUMINOUS MATERIALS (PRIME COAT)**

LOCATION	STATION	OFFSET	GALLON
IL 54	138+55.50	RT	9
IL 54	145+10.86	RT	6
IL 54	145+51.87	LT	17
IL 54	146+19.40	RT	16
<b>TOTAL</b>			<b>48</b>

PRIME COAT FOR ENTRANCES

**INCIDENTAL HOT-MIX ASPHALT SURFACING**

LOCATION	STATION	OFFSET	TON
IL 54	138+55.50	RT	10.7
IL 54	145+10.86	RT	20.7
IL 54	145+51.87	LT	21.8
IL 54	146+19.40	RT	19.7
<b>TOTAL</b>			<b>73</b>

**HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL**

LOCATION	STATION	OFFSET	SQ YD
IL 54	138+55.50	RT	10
IL 54	145+10.86	RT	17
IL 54	145+51.87	LT	21
IL 54	146+19.40	RT	56
<b>TOTAL</b>			<b>104</b>

**HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50**

LOCATION	STATION TO	STATION	OFFSET	TON
IL 54	138+00.00	140+61.65	LT&RT	78
IL 54	142+94.35	147+00.00	LT&RT	121
<b>TOTAL</b>				<b>199</b>

**AGGREGATE (PRIME COAT)**

LOCATION	STATION	OFFSET	TON
IL 54	138+55.50	RT	0.17
IL 54	145+10.86	RT	0.12
IL 54	145+51.87	LT	0.35
IL 54	146+19.40	RT	0.31
<b>TOTAL</b>			<b>1</b>

PRIME COAT FOR ENTRANCES

**BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)**

LOCATION	STATION TO	STATION	OFFSET	SQ YD
IL 54	140+55.65	140+61.65	LT&RT	21
IL 54	142+94.35	143+00.35	LT&RT	21
<b>TOTAL</b>				<b>42</b>

**APPROACH SLAB REMOVAL**

LOCATION	STATION TO	STATION	OFFSET	SQ YD
IL 54	140+78.40	140+98.40	LT&RT	91
IL 54	142+57.60	142+77.60	LT&RT	91
<b>TOTAL</b>				<b>182</b>

**PAVEMENT REMOVAL**

LOCATION	STATION TO	STATION	OFFSET	SQ YD
IL 54	140+61.65	140+78.40	LT&RT	47
IL 54	142+77.60	142+94.35	LT&RT	47
<b>TOTAL</b>				<b>94</b>