

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	101BR	LIVINGSTON	47	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOCATION	SUITABLE EARTH EXCAVATION	SUITABLE EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	SUITABLE INCIDENTAL EXCAVATION MATERIAL	SUITABLE INCIDENTAL EXC. MATERIAL ADJUSTED FOR SHRINKAGE	EMBANKMENT (NOT A PAY ITEM)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
NW QUADRANT CUTS & FILLS	7	5			13	-8
SW QUADRANT CUTS & FILLS	8	6			28	-22
NE QUADRANT CUTS & FILLS	5	4			21	-17
SE QUADRANT CUTS & FILLS	4	3			21	-18
CONC PAD UNDER PVMT CONNECTOR			12	9		+9
BASE COURSE WIDENING, RT	26	19			11	+8
BASE COURSE WIDENING, LT	100	75			40	+35
STRUCTURE EXCAVATION			17.6	13		-13
<b>TOTALS</b>	<b>150</b>	<b>112</b>	<b>29.6</b>	<b>22</b>	<b>134</b>	<b>0</b>

NOTES:  
 1. EXCAVATION USED AS EMBANKMENT = (SUITABLE EARTH EXCAVATION + SUITABLE INCIDENTAL EXCAVATION)\*0.75  
 2. TOPSOIL EXCAVATION AND PLACEMENT NOT INCLUDED IN THE ABOVE NUMBERS

LOCATION	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING (2 APPLICATIONS)
	FOOT	POUND
NW QUADRANT	250	20
SW QUADRANT	210	12
NE QUADRANT	210	12
SE QUADRANT	270	16
<b>TOTALS</b>	<b>940</b>	<b>60</b>

LOCATION	PAVEMENT REMOVAL SQ YD
STA 279+47.03 TO STA 279-84.09	107
STA 281+25.91 TO STA 281+62.97	107
BASE COURSE WIDENING	455
<b>TOTAL</b>	<b>669</b>

LOCATION	SEEDING, CLASS 2A	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2
	ACRE	ACRE	POUND	POUND	POUND	ACRE
STA 277+55 TO BRIDGE, RT	0.10	0.10	9.0	9.0	9.0	0.10
STA 277+55 TO BRIDGE, LT	0.06	0.06	5.4	5.4	5.4	0.06
BRIDGE TO STA 283+55, RT	0.06	0.06	5.4	5.4	5.4	0.06
BRIDGE TO STA 283+75, LT	0.08	0.08	7.2	7.2	7.2	0.08
<b>TOTALS</b>	<b>0.30</b>	<b>0.30</b>	<b>27.0</b>	<b>27.0</b>	<b>27.0</b>	<b>0.30</b>

LOCATION	TON
STA 277+70 TO STA 279+66, LT	51
STA 277+70 TO STA 280+04, RT	25
STA 281+06 TO STA 283+40, LT	71
STA 281+44 TO STA 283+40, RT	23
<b>TOTAL</b>	<b>170</b>

LOCATION	REMOVE SIGN PANEL ASSEMBLY TYPE A	RELOCATE SIGN PANEL ASSEMBLY TYPE A
	EACH	EACH
STA 278+27, 27' RT	1	
STA 278+27, 27' LT		1
STA 282+94, 27' LT	1	
<b>TOTALS</b>	<b>2</b>	<b>1</b>

LOCATION	DESCRIPTION	TEMPORARY PAVEMENT MARKING - LINE		SHORT-TERM PAVEMENT MARKING (3 APPLICATIONS)	PAINT PAVEMENT MARKING - LINE	
		4" FOOT	6" FOOT		4" FOOT	6" FOOT
		STA 277+00 TO STA 285+20	SKIP-DASH YELLOW CENTERLINE		210	252
STA 277+00 TO STA 283+40, LT	SOLID WHITE EDGE LINE	570			570	
STA 277+00 TO STA 283+40, RT	SOLID WHITE EDGE LINE	570			570	
<b>TOTALS</b>		<b>1140</b>	<b>210</b>	<b>252</b>	<b>1140</b>	<b>210</b>

LOCATION	RRPM	RRPM (BRIDGE)	RRPM REMOVAL
	EACH	EACH	EACH
STA 278-02	1		1
STA 278-84	1		1
STA 279-40		1	
STA 280+01		1	
STA 280+81	1		1
STA 281+67	1		1
STA 282+45	1		1
STA 283+27	1		1
<b>TOTALS</b>	<b>6</b>	<b>2</b>	<b>6</b>

LOCATION	PAVEMENT MARKING DESCRIPTION	WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL
		SQ FT	SQ FT
CENTERLINE	TEMPORARY - LINE 6"	105	
EDGE LINES	TEMPORARY - LINE 4"	380	
CENTERLINE	SHORT-TERM	84	
STA 277+00 TO STA 279+50	CENTERLINE SKIP-DASH		30
STA 282+00 TO STA 285+20	CENTERLINE SKIP-DASH		40
STA 278+50 TO STA 283+00, LT	SOLID EDGE LINE		150
STA 278+85 TO STA 279+24, RT	SOLID EDGE LINE		13
STA 281+83 TO STA 282+65, RT	SOLID EDGE LINE		27
<b>TOTALS</b>		<b>569</b>	<b>260</b>

LOCATION	BRIDGE APPROACH PAVEMENT	PROTECTIVE COAT	CONNECTOR (PCC)
	SQ YD	SQ YD	SQ YD
STRUCTURE NO. 053-0153 - NORTH APPROACH	107	107	21.5
STRUCTURE NO. 053-0153 - SOUTH APPROACH	107	107	21.5
<b>TOTALS</b>	<b>214</b>	<b>214</b>	<b>43.0</b>

LOCATION	CONCRETE HEADWALL FOR PIPE DRAINS	PIPE UNDERDRAINS 6" (SPECIAL)
	EACH	FOOT
STA 277+79.0, 53.0' LT	1	40
STA 277+88.5, 40.3' RT	1	27
<b>TOTALS</b>	<b>2</b>	<b>67</b>

LOCATION	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	SPBGR, TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 6A	GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKERS, TYPE B	TERMINAL MARKER-DIRECT APPLIED	STEEL BRIDGE RAIL, TYPE SM
	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT
STRUCTURE NO. 053-0153 - NORTHWEST	1	137.5	1	3			
STRUCTURE NO. 053-0153 - SOUTHWEST	1	87.5	1	2			
STRUCTURE NO. 053-0153 - NORTHEAST	1	87.5	1	2			
STRUCTURE NO. 053-0153 - SOUTHEAST	1	137.5	1	3			
STRUCTURE NO. 053-0153 - BRIDGE					2		282
<b>TOTALS</b>	<b>4</b>	<b>450.0</b>	<b>4</b>	<b>10</b>	<b>2</b>	<b>4</b>	<b>282</b>

LOCATION	SQ YD
STA 277+70 BUTT JOINT	22
STA 279+24 TO APPR CONNECTOR	66
APPR CONNECTOR TO STA 281+83	58
STA 283+40 BUTT JOINT	14
<b>TOTAL</b>	<b>160</b>

LOCATION	FOOT
STRUCTURE NO. 053-0153 - NORTHWEST	219
STRUCTURE NO. 053-0153 - SOUTHWEST	182
STRUCTURE NO. 053-0153 - NORTHEAST	182
STRUCTURE NO. 053-0153 - SOUTHEAST	219
<b>TOTAL</b>	<b>802</b>

LOCATION	SQ YD
STA 277+70 TO STA 278+35	230
STA 281+85 TO STA 283+10	446
<b>TOTAL</b>	<b>676</b>

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	BASE COURSE WIDENING 10"
	GALLON	TON	TON	TON	SQ YD
STA 277+70 TO STA 279+47.03	57.5	1.4	50	21	
STA 281+62.97 TO STA 283+40	41.5	1.0	45		
STA 278+05 TO BRIDGE, LT					150
STA 278+40 TO BRIDGE, RT					45
BRIDGE TO STA 283+45, LT					210
BRIDGE TO STA 283+10, RT					50
<b>TOTALS</b>	<b>99.0</b>	<b>2.4</b>	<b>95</b>	<b>21</b>	<b>455</b>

**ESCA**  
 CONSULTANTS, INC.  
 DESIGNED BY: MTD 8/05  
 DRAWN BY: HAG 8/05  
 CHECKED BY: MTD 8/05  
 APPROVED BY: RDP 9/05

*SCHEDULES OF QUANTITIES*  
 FAP RTE 68 (IL 23)  
 SECTION 101BR  
 LIVINGSTON COUNTY