

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
869	105BR-1	SALINE	118	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LOCATION	SUITABLE EARTH EXCAVATION (WIDENING)	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
NE QUADRANT CUTS & FILLS	13	9			16	-7
NW QUADRANT CUTS & FILLS	12	8			2	+6
SE QUADRANT CUTS & FILLS	12	8			40	-32
SW QUADRANT CUTS & FILLS	13	9			16	-7
TOTALS	50	34			74	-40

NOTES:

1. EXCAVATION USED AS EMBANKMENT = (SUITABLE EARTH EXCAVATION + SUITABLE INCIDENTAL EXCAVATION)*0.75

LOCATION	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING (2 APPLICATIONS)
	FOOT	POUND
NE QUADRANT	175	16
NW QUADRANT	130	4
SE QUADRANT	135	10
SW QUADRANT	160	10
TOTALS	600	40

LOCATION	SEEDING, CLASS 2A	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2
	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE
NE QUADRANT	0.08	0.08	7.2	7.2	7.2	0.16	0.16
NW QUADRANT	0.02	0.02	1.8	1.8	1.8	0.04	0.04
SE QUADRANT	0.05	0.05	4.5	4.5	4.5	0.10	0.10
SW QUADRANT	0.05	0.05	4.5	4.5	4.5	0.10	0.10
TOTALS	0.20	0.20	18.0	18.0	18.0	0.40	0.40

LOCATION	TON
NE QUADRANT FE	8
TOTAL	8

LOCATION	PAVEMENT REMOVAL
	SO YD
NE QUADRANT	4.5
NW QUADRANT	5.5
SE QUADRANT	5.5
SW QUADRANT	4.5
TOTAL	20

LOCATION	DESCRIPTION	SHORT-TERM PAVEMENT MARKING	PAINT PAVEMENT MARKING - LINE	TEMP PAVEMENT MARKING - LINE
		⊙	4"	4"
		FOOT	FOOT	FOOT
STA 1538+65 TO 1545+35, CENTERLINE	SKIP-DASH YELLOW CENTERLINE	152	170	170
STA 1540+30 TO 1543+70, LT	SOLID WHITE EDGE LINE		340	340
STA 1540+30 TO 1543+70, RT	SOLID WHITE EDGE LINE		340	340
TOTALS		152	850	850

⊙ INCLUDES 3 ADDITIONAL APPLICATIONS FROM STA 1540+75 TO STA 1543+40

LOCATION	CU YD
NE QUADRANT	40
NW QUADRANT	
SE QUADRANT	40
SW QUADRANT	20
TOTAL	100

LOCATION	PAVEMENT MARKING DESCRIPTION	WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL
		SQ FT	SQ FT
CENTERLINE	SHORT-TERM	50.7	44
EDGE LINE	TEMPORARY	226.7	
CENTERLINE	TEMPORARY	56.6	
STA 1540+37 TO 1543+63, RT	EDGE LINE		109
STA 1540+37 TO 1541+62.1, LT	EDGE LINE		42
STA 1542+59.9 TO 1543+63, LT	EDGE LINE		35
TOTALS		334.0	230

LOCATION	PCC BASE COURSE (VARIABLE DEPTH)	BASE COURSE WIDENING, 10"
	SO YD	SO YD
NE QUADRANT	4.5	51
NW QUADRANT	5.5	44
SE QUADRANT	5.5	44
SW QUADRANT	4.5	51
TOTALS	20	190

LOCATION	BUTT JOINT	SPECIAL
	SO YD	SO YD
1540+75	110	
1543+40	110	
NORTH APPROACH		8
SOUTH APPROACH		6
TOTALS	220	14

LOCATION	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	SPBGR, TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 6A	GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKERS, TYPE B	TERMINAL MARKER DIRECT APPLIED	STEEL RAILING, TYPE SM	REMOVE & RE-ERECT SPBGR	REMOVE & RE-ERECT TBT TYPE 1
	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH
STRUCTURE NO. 083-0037-NE	2			1		2		15	
STRUCTURE NO. 083-0037-NW	1	12.5	1	1		1			1
STRUCTURE NO. 083-0037-SE	1	12.5	1	1		1			1
STRUCTURE NO. 083-0037-SW	1	12.5	1	1		1			1
STRUCTURE NO. 083-0037-BRIDGE					4		196		
TOTALS	5	37.5	3	4	4	5	196	15	2

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N90	HMA SURFACE COURSE, MIX "C", N90	HMA SHOULDERS
	GALLON	TON	TON	TON	TON
NORTH APPROACH	35	1	10	67.6	9
SOUTH APPROACH	42	1	18	78.4	14
TOTALS	77	2	28	146	23

LOCATION	FOOT
STRUCTURE NO. 083-0037-NE	52
STRUCTURE NO. 083-0037-NW	100
STRUCTURE NO. 083-0037-SE	100
STRUCTURE NO. 083-0037-SW	100
TOTAL	352

ESCA
CONSULTANTS, INC.

DESIGNED BY: DAJ 02/08
DRAWN BY: CJG/JPC 02/08
CHECKED BY: MTD 02/08
APPROVED BY: RDP 04/08

SCHEDULES OF QUANTITIES
FAP RTE 869 (IL 34)
SECTION 105BR-1
SALINE COUNTY