



FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(8BR-3)B-1	CLAY	109	55
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
SE QUADRANT CUTS & FILLS	231	173.25	-	-	122	+51.25
SW QUADRANT CUTS & FILLS	34	25.5	-	-	23	+2.5
STRUCTURE TO STA 967+15, RT CUTS & FILLS	5	3.75	-	-	154	-150.25
STRUCTURE TO STA 967+15, LT CUTS & FILLS	27	20.25	-	-	4	+16.25
BOX CULVERT TRENCH	190	142.5	102	76.5	70	+149
BRIDGE EMBANKMENT	-	-	-	-	68.75	-68.75
TOTALS	487	365.25	102	76.5	373	0

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

LOCATION	DESCRIPTION	SHORT-TERM PAVEMENT MARKING	PAINT PAVEMENT MARKING - LINE	TEMP PAVEMENT MARKING - LINE
		①	4"	4"
		FOOT	FOOT	FOOT
STA 963+05 TO 967+15, CENTERLINE	SKIP-DASH YELLOW CENTERLINE	148	90	90
STA 964+37 TO 967+15, LT	SOLID WHITE EDGE LINE	-	370	370
STA 963+51 TO 967+15, RT	SOLID WHITE EDGE LINE	-	370	370
TOTALS		148	830	830

① INCLUDES 3 ADDITIONAL APPLICATIONS FROM STA 963+45 TO STA 967+15

LOCATION	ACRE
STA 963+00 TO 967+15	0.14
TOTAL	0.14

LOCATION	SEEDING, CLASS 2 (SPECIAL)	SEEDING, CLASS 7
	ACRE	ACRE
SE QUADRANT	0.100	0.100
SW QUADRANT	0.075	0.075
STRUCTURE TO STA 967+15, RT	0.010	0.010
STRUCTURE TO STA 967+15, LT	0.015	0.015
TOTALS	0.2	0.2

LOCATION	CU YD
BOX CULVERT TRENCH	250
TOTAL	250

LOCATION	BARBED WIRE FENCE TO BE REMOVED
	FOOT
STA 963+00 TO 967+15	397
TOTAL	397

LOCATION	PAVEMENT MARKING DESCRIPTION	WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL
		SQ FT	SQ FT
STA 963+04 TO 972+15, C	CENTERLINE	49	22
EDGELINES	TEMPORARY	247	
CENTERLINES	TEMPORARY	30	
STA 964+77 TO 967+15, RT	EDGELINE		79
STA 964+55 TO 965+94, LT	EDGELINE		46
STA 966+56 TO 967+15, LT	EDGELINE		20
TOTALS		326	167

LOCATION	RRPM REMOVAL
	EACH
STA 964+00	1
STA 964+75	1
STA 965+50	1
STA 967+00	1
TOTAL	4

LOCATION	TOPSOIL EXCAVATION AND PLACEMENT
	CU YD
SE QUADRANT CUTS & FILLS	69
SW QUADRANT CUTS & FILLS	28
STRUCTURE TO STA 967+15, RT	21
STRUCTURE TO STA 967+15, LT	17
TOTAL	135

LOCATION	EACH
STA 964+00, RT	1
STA 964+50, RT	1
STA 965+00, RT	1
STA 965+50, RT	1
TOTAL	4

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
SN 013-2011	173	3.5	38	95	207
TOTALS	173	3.5	38	95	207

LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE A 4"
	SQ YD
STA 965+93.67 TO 966+55.94	213
TOTAL	213

LOCATION	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING (2 APPLICATIONS)
	FOOT	POUND
SE QUADRANT	130	20
SW QUADRANT	320	15
STRUCTURE TO STA 967+15, RT	75	2
STRUCTURE TO STA 967+15, LT	90	3
TOTALS	615	40

LOCATION	FOOT
STRUCTURE TO STA 967+15, RT	159
STRUCTURE TO STA 967+15, LT	165
TOTAL	324

LOCATION	HMA BASE COURSE, 10"	BASE COURSE WIDENING, 10"
	SQ YD	SQ YD
SE QUADRANT		151
SW QUADRANT		151
STRUCTURE TO STA 967+15, RT		70
STRUCTURE TO STA 967+15, LT		70
STA 965+93.67 TO 966+55.94	180	31
TOTALS	180	473

LOCATION	AGGREGATE SHOULDERS, TYPE B
	TON
SE QUADRANT	0.4
SW QUADRANT	0.6
TOTAL	1

LOCATION	BUTT JOINT
	SQ YD
STA 963+45 TO 964+20	217
TOTAL	217

LOCATION	TRAFFIC BARRIER TERMINAL, TYPE 6A SPECIAL	TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	REMOVE & RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1	GUARDRAIL MARKERS, TYPE A	STEEL PLATE BEAM GUARDRAIL, TY A
	EACH	EACH	EACH	EACH	EACH	EACH
SE QUADRANT		1	1	1	3	137.5
SW QUADRANT		1	1		2	50
STRUCTURE TO STA 967+15, RT	1				1	50
STRUCTURE TO STA 967+15, LT	1		1			
TOTALS	2	2	3	1	6	237.5

LOCATION	F & E ROW MARKERS
	EACH
STA 960+50, 30.00' RT	1
STA 965+50, 55.00' RT	1
TOTALS	2

LOCATION	PAVEMENT REMOVAL
	SQ YD
STA 965+93.67 TO 966+55.94	116
STA 964+31 TO 964+50	15
TOTALS	131

**ESCA CONSULTANTS, INC.**  
 DESIGNED BY: DAJ 04/08  
 DRAWN BY: HAS 04/08  
 CHECKED BY: MTD 05/08  
 APPROVED BY: RDP 08/08

*SCHEDULES OF QUANTITIES  
 US 45 OVER SEMINARY CREEK OVERFLOW  
 FAP ROUTE 328 - SECTION (8BR-3)B-1  
 CLAY COUNTY*