



FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(6BR-1)B-1	CLAY	109	6
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
NE QUADRANT CUTS & FILLS	20	15	-	-	160	-145
SE QUADRANT CUTS & FILLS	35	26.25	-	-	80	-55
NW QUADRANT CUTS & FILLS	50	37.5	-	-	90	-53
SW QUADRANT CUTS & FILLS	25	18.75	-	-	70	-52
BOX CULVERT TRENCH	190	142.5	110	82.5	70	+155
TOTALS	320	240	110	82.5	470	-150

**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 1410+64.25 TO 1416+71.75, CENTERLINE	SKIP-DASH YELLOW CENTERLINE	140	150	150
STA 1411+00 TO 1415+00, LT	SOLID WHITE EDGE LINE	-	415	415
STA 1411+00 TO 1415+00, RT	SOLID WHITE EDGE LINE	-	435	435
TOTALS		140	1000	1000

① INCLUDES 2 ADDITIONAL APPLICATIONS FROM STA 1411+00 TO STA 1415+00

LOCATION	SEEDING, CLASS 2 (SPECIAL)	SEEDING, CLASS 7
	ACRE	ACRE
NE QUADRANT	0.12	0.12
SE QUADRANT	0.05	0.05
NW QUADRANT	0.08	0.08
SW QUADRANT	0.05	0.05
TOTALS	0.3	0.3

LOCATION	PAVEMENT MARKING DESCRIPTION	WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL
		SQ FT	SQ FT
STA 1410+64.25 TO 1416+71.75, C	CENTERLINE	46.7	45
EDGELINES	TEMPORARY	283.3	-
CENTERLINE	TEMPORARY	50	-
STA 1412+33.25 TO 1415+02.75, LT	EDGELINE	-	90
STA 1412+12.25 TO 1413+31.30, RT	EDGELINE	-	40
STA 1414+03.60 TO 1415+23.75, RT	EDGELINE	-	40
TOTALS		380	215

LOCATION	RRPM REMOVAL
	EACH
STA 1411+25	1
STA 1412+00	1
STA 1412+75	1
STA 1414+25	1
STA 1415+00	1
TOTAL	5

LOCATION	TOPSOIL EXCAVATION AND PLACEMENT
	CU YD
NE QUADRANT	57
SE QUADRANT	32
NW QUADRANT	19
SW QUADRANT	7
TOTAL	115

LOCATION	GUARDRAIL REMOVAL
	FOOT
NE QUADRANT	127.5
SE QUADRANT	202.5
NW QUADRANT	202.5
SW QUADRANT	127.5
TOTAL	660

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SURFACE COURSE, MIX "C", N90	HMA SHOULDERS
	GALLON	TON	TON	TON
	STA 1411+00 TO 1415+00	138	2.3	120
STA 1411+00 TO 1415+00, LT	-	-	-	68
STA 1411+00 TO 1415+00, RT	-	-	-	49
TOTALS	138	2.3	120	117

LOCATION	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL
	SQ YD	SQ YD
STA 1411+88 TO 1413+38.01, LT	23	26
STA 1411+88 TO 1413+38.01, RT	-	34
STA 1414+08.17 TO 1415+48, LT	20	24
STA 1414+08.17 TO 1415+48, RT	-	31
STA 1411+88 TO 1413+21, RT	74	-
STA 1413+88.65 TO 1415+48, RT	81	-
STA 1413+30 TO 1413+58	80	-
STA 1413+88 TO 1414+10	62	-
TOTALS	340	115

LOCATION	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING (2 APPLICATIONS)	TEMPORARY DITCH CHECKS
	FOOT	POLIND	EACH
NE QUADRANT	280	24	-
SE QUADRANT	125	10	-
NW QUADRANT	250	16	-
SW QUADRANT	180	10	-
STA 1412+50, RT	-	-	1
STA 1413+00, LT	-	-	1
STA 1414+50, LT	-	-	1
TOTALS	835	60	3

LOCATION	HMA BASE COURSE, 10"	BASE COURSE WIDENING, 10"
	SQ YD	SQ YD
STA 1411+88 TO 1413+38.01, LT	-	54
STA 1414+08.17 TO 1415+48, LT	-	51
STA 1411+88 TO 1415+48, RT	-	280
STA 1413+30 TO 1414+10	231	-
STA 1413+30 TO 1414+10, LT	-	18
TOTALS	231	403

LOCATION	BUTT JOINT
	SQ YD
STA 1411+00 TO 1412+15	332
STA 1414+45 TO 1415+00	159
TOTAL	491

LOCATION	AGGREGATE SHOULDERS, TYPE B
	TON
NE QUADRANT	36
SE QUADRANT	15
NW QUADRANT	29
SW QUADRANT	32
TOTAL	112

LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE A 4"
	SQ YD
STA 1413+30 TO 1414+10	273
TOTAL	273

LOCATION	POROUS GRANULAR EMBANKMENT
	CU YD
BOX CULVERT TRENCH	290
TOTAL	290

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY: JMS 04/08  
DRAWN BY: HAS 04/08  
CHECKED BY: MTD 05/08  
APPROVED BY: RDP 08/08

**SCHEDULES OF QUANTITIES**  
US 45 OVER GROVE CREEK  
FAP RTE 328 - SECTION (6BR-1)B-1  
CLAY COUNTY  
STATION 1413+68.00  
STRUCTURE NO. 013-2009