



FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	6BR-3/B-1	CLAY	109	30
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	30	22.5	-	-	66.5	-44.0
SE QUADRANT CUTS & FILLS	29	21.75	-	-	61.0	-39.25
NW QUADRANT CUTS & FILLS	16	12	-	-	37.5	-25.5
SW QUADRANT CUTS & FILLS	15	11.25	-	-	38.5	-27.25
BOX CULVERT TRENCH	120	90	105	78.75	57.75	+111.0
TOTALS	210	157.5	105	78.75	261.25	-25

**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"
STA 1634+93 TO 1641+13, CENTERLINE	SKIP-DASH YELLOW CENTERLINE	184	160	160
STA 1636+15 TO 1639+77, LT	SOLID WHITE EDGE LINE	-	362	362
STA 1636+49 TO 1639+62, RT	SOLID WHITE EDGE LINE	-	318	318
TOTALS		184	840	840

① INCLUDES 3 ADDITIONAL APPLICATIONS FROM STA 1636+00 TO STA 1640+00

LOCATION	SEEDING, CLASS 2 (SPECIAL)	SEEDING, CLASS 7
	ACRE	ACRE
NE QUADRANT	0.075	0.075
SE QUADRANT	0.075	0.075
NW QUADRANT	0.075	0.075
SW QUADRANT	0.075	0.075
TOTALS	0.3	0.3

LOCATION	PAVEMENT MARKING DESCRIPTION	WORK ZONE PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL
		SQ FT	SQ FT
STA 1634+93 TO 1641+13, C	CENTERLINE	62	44
EDGELINES	TEMPORARY	53	
CENTERLINE	TEMPORARY	227	
STA 1636+51 TO 1639+55, RT	EDGELINE		102
STA 1636+41 TO 1637+73, LT	EDGELINE		44
STA 1638+33 TO 1639+65, LT	EDGELINE		44
TOTALS		342	234

LOCATION	RRPM REMOVAL
	EACH
STA 1636+25	1
STA 1637+00	1
STA 1638+50	1
STA 1640+00	1
TOTAL	4

LOCATION	TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL FURNISH AND PLACE, 4"
	CU YD	SQ YD
NE QUADRANT CUTS & FILLS	16	2
SE QUADRANT CUTS & FILLS	16	13
NW QUADRANT CUTS & FILLS	17	9
SW QUADRANT CUTS & FILLS	16	52
TOTALS	65	76

LOCATION	CU YD
BOX CULVERT TRENCH	175
TOTAL	175

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N90	HMA SURFACE COURSE, MIX "C", N90	HMA SHOULDERS	INCIDENTAL HMA SURFACING
	GALLON	TON	TON	TON	TON	TON
SN 013-2010	168	3.2	30	110	62	
STA 1639+15, LT						4
TOTALS	168	3.2	30	110	62	4

LOCATION	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING (2 APPLICATIONS)
	FOOT	POUND
NE QUADRANT	190	15
SE QUADRANT	175	15
NW QUADRANT	190	15
SW QUADRANT	185	15
TOTALS	740	60

LOCATION	FOOT
NE QUADRANT	125
SE QUADRANT	78
NW QUADRANT	202
SW QUADRANT	126
TOTAL	531

LOCATION	HMA BASE COURSE, 10"	BASE COURSE WIDENING, 10"
	SQ YD	SQ YD
STA 1635+93 TO 1640+13, LT		327
STA 1636+94 TO BRIDGE, RT		70
BRIDGE TO STA 1639+62, RT		70
STA 1637+73 TO 1638+33	175	
STA 1637+73 TO 1638+33, RT		47
TOTALS	175	514

LOCATION	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL
	SQ YD	SQ YD
STA 1637+73 TO 1638+33	110	
STA 1635+93 TO 1637+73, LT	100	
STA 1638+33 TO 1638+92, LT	33	
STA 1639+46 TO 1640+13, LT	37	
STA 1636+39 TO 1637+73, RT	31	
STA 1638+33 TO 1639+67, RT	31	
STA 1635+93 TO 1637+73, LT		40.5
STA 1636+00 TO 1637+73, RT		33.5
STA 1638+33 TO 1640+13, LT		40.0
STA 1638+33 TO 1640+00, RT		37.0
TOTALS	342	156

LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE A 4"
	SQ YD
STA 1637+73 TO 1637+90.2	59
STA 1638+16.2 TO 1638+33	57
TOTAL	116

LOCATION	AGGREGATE SHOULDERS, TYPE B
	TON
NE QUADRANT	30.5
SE QUADRANT	17.8
NW QUADRANT	44.1
SW QUADRANT	19.6
TOTAL	112

LOCATION	BUTT JOINT
	SQ YD
STA 1636+00 TO 1636+65	190
STA 1639+38 TO 1640+00	180
TOTAL	370

**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 BRANCH OF ELM CREEK  
 FAP ROUTE 328 - SECTION (6BR-3)B-1  
 CLAY COUNTY  
 STATION 1638+03.20  
 STRUCTURE NO. 013-2010