

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	•	729	45
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
• SANGAMON AND CHRISTIAN				

**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION (CU YD)	FOR INFORMATION ONLY					CHANNEL EXCAVATION (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (SPECIAL) (CU YD)	TOTAL TOPSOIL EXCAVATION **** (CU YD)	TOTAL TOPSOIL PLACEMENT **** (FOR INFORMATION ONLY) (CU YD)
		EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE) 20% (CU YD)	EMBANKMENT (CU YD)	EXISTING PAVEMENT TO BE WASTED AS EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CU YD)					
STATION	TO	STATION								
STAGE 3										
IL RTE 29										
1412+25.10	-	1418+00.00	405	324	419		-95			302
1418+00.00	-	1433+00.00	3,627	2,902	13,235		-10,333			1,396
1433+00.00	-	1441+00.00	6,287	5,030	4,380		650			1,681
1607+00.00	-	1613+00.00	3,663	2,930	177		2,753			695
1613+00.00	-	1628+00.00	11,807	9,446	1,966		7,480			1,883
1628+00.00	-	1643+00.00	9,667	7,734	11,937		-4,203			1,927
1643+00.00	-	1658+00.00	3,742	2,994	13,432		-10,438			814
1658+00.00	-	8+00.00	5,984	4,787	10,553		-5,766			1,721
8+00.00	-	23+00.00	4,835	3,868	13,842		-9,974			1,279
23+00.00	-	38+00.00	3,294	2,635	14,052		-11,417			1,275
38+00.00	-	53+00.00	5,071	4,057	8,755		-4,698			1,496
53+00.00	-	66+00.00	3,451	2,761	10,725		-7,964			966
TR 81										
91+67.21	-	99+00.00	816	653	3,672		-3,019			528
TR 73										
180+00.00	-	193+07.00	4,386	3,509	216		3,293			613
TR 73 CONNECTOR										
294+76.65	-	299+00.00	535	428	494		-66			162
TR 74/63 SOUTH										
95+29.07	-	108+44.94	4,478	3,582	1,454		2,128			1,351
EX RTE 29 THRU EDINBURG										
88+00.00	-	185+00.00	2,593	2,074	0		2,074			520
STAGE 3 SUB-TOTALS			74,641	59,713	109,309	0	-49,596	0	0	18,609
DETENTION POND 1			1,953	1,562	1,074		488		2,517	810
DETENTION POND 2			11,818	9,454	986		8,468		4,953	1,546
SOUTH TRANSITION			102	82	45		37			
MISCELLANEOUS CHANNELS ***							400	400		
EXISTING DITCH UNDERCUT				0			0		7,311	
EXISTING PAVEMENT REMOVAL					28,516		28,516			
TOPSOIL EXCAVATION, SPECIAL (PRAIRIE GRASS)				0			0		4,555	
GRAND TOTAL			315,311	252,249	663,751	28,516	-382,586	400	4,555	78,371

- ASSUMED SHRINKAGE FACTOR OF 20%
- EARTH EXCAVATION TO BE USED AS EMBANKMENT = EARTH EXCAVATION X 80%
- EARTHWORK BALANCE = [ EMBANKMENT - (EARTH EXCAVATION X 0.80) ]
- IN ADDITION TO REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, CHANNEL EXCAVATION MAY BE DEPOSITED ON SITE AS TOPSOIL PLACEMENT UPON APPROVAL OF ENGINEER. PAYMENT FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND CHANNEL EXCAVATION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISION. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR MATERIAL WASTED ON SITE AS TOPSOIL.
- THE QUANTITY SHOWN FOR TOPSOIL PLACEMENT REFERS TO THE TOTAL QUANTITY REQUIRED IN THE PLANS TO MEET THE FINAL SITE CONDITIONS PER THE TYPICAL SECTIONS, CROSS SECTIONS, AND DETAILS. IT IS THE INTENT OF THE DESIGN TO BALANCE THE QUANTITY TOPSOIL EXCAVATION FROM ON-SITE WITH THE QUANTITY REQUIRED FOR TOPSOIL PLACEMENT. IT SHOULD BE NOTED THAT THE QUANTITY LISTED FOR TOPSOIL EXCAVATION WILL BE THE QUANTITY USED FOR PAYMENT OF TOPSOIL EXCAVATION AND PLACEMENT. THE QUANTITY FOR TOPSOIL EXCAVATION AND CHANNEL EXCAVATION REFLECTS THE CALCULATED EXCAVATION QUANTITY FROM THE DETENTION AREAS, CHANNEL EXCAVATION, EXISTING ROADSIDE DITCH UNDERCUTS AND LIMITS SHOWN IN THE X-SECTIONS. THE THEORETICAL PLACEMENT VOLUME WILL BE THE AMOUNT REQUIRED TO PROVIDE A FOUR INCH THICKNESS OF TOPSOIL. FURTHERMORE, NO ALLOWANCE WILL BE MADE FOR SHRINKAGE OR WASTE.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES EARTHWORK

SCALE: N/A  
DATE: 03/06/2012

DRAWN BY: K.E.J.  
CHECKED BY: J.M.M.