

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

**EARTHWORK SCHEDULE**

LOCATION	A	B	C	D	E	F	G	H	I	
	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT, ADJUSTED FOR SHRINKAGE (18%)	EMBANKMENT	FURNISHED EXCAVATION, SPECIAL	EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)	BORROW EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	
BEGIN STATION	END STATION	OFFSET	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
<b>INTERSECTIONS</b>										
MACARTHUR / RECREATION			50		41	1709				-1668
MACARTHUR / RAMPS A & B						77930				66067
MACARTHUR / RAMPS C & D						104313				77986
MACARTHUR / LINCOLNSHIRE			22		18	3672			1586	-3654
MACARTHUR / CENTRE STREET			102		84	2834				-2751
CENTRE STREET / WEST GRAND			92		75	95				-19
LINCOLNSHIRE / WEST GRAND			37		30	420			393	-390
<b>SUBTOTAL</b>			<b>303</b>		<b>249</b>	<b>190972</b>			<b>1979</b>	<b>1744</b>
<b>BRIDGE CONES</b>										
MACARTHUR OVER I-72 SOUTH						3672				-3672
MACARTHUR OVER I-72 NORTH			39		32	5822				-5790
I-72, RAMP B, RAMP C OVER UPRR WEST			326		267	19111				-18844
I-72, RAMP B, RAMP C OVER UPRR EAST			505		414	15373				-14959
MACARTHUR OVER NS NORTH			2		1	27445				-27444
MACARTHUR OVER NS SOUTH			2		1	27445				-27444
<b>SUBTOTAL</b>			<b>874</b>		<b>716</b>	<b>98868</b>				<b>-98152</b>
<b>ENTRANCES</b>										
RECREATION DRIVE STA. 115+00 LT & RT			18		15	71				-56
RECREATION DRIVE STA. 126+15 LT			8		7	51				-44
RECREATION DRIVE STA. 126+85 LT			6		5					5
MACARTHUR 821+70.50 LT			15		12	20				-8
MACARTHUR 832+00 RT			16		13	51				-38
MACARTHUR 852+56 LT			13		11	32				-21
<b>SUBTOTAL</b>			<b>76</b>		<b>62</b>	<b>225</b>				<b>-163</b>
<b>TOTAL</b>			<b>279855</b>		<b>14500</b>	<b>229480</b>			<b>510790</b>	<b>33320</b>
						<b>1333420</b>				<b>677375</b>
										<b>-1103940</b>
										<b>510790</b>
										<b>33320</b>
										<b>25605</b>

EQUATIONS USED  
 C = A \* 0.82  
 F = C - D  
 G = ( D - E - C - ( H - I ) ) / 0.82

NOTE - EXCESS TOPSOIL EXCAVATION SHALL BE USED AS EMBANKMENT AT LOCATIONS APPROVED BY THE ENGINEER.



LAYOUT  
 DRAWN  
 REVIEWED

CLG 05/ /05  
 CLG 05/ /05  
 JMD/JMD 05/ /05

1/22/2007  
 \$FILES\*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES -2  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT.  
 HORIZ.  
 DATE 05/20/2005

DRAWN BY CLG  
 CHECKED BY MH