

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7622	06-00085-00-BR	COLES	16	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**SUMMARY OF QUANTITIES**

Item Number	Items	Unit	Quantity
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	237
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	50
20200100	EARTH EXCAVATION	CU. YD.	758
20201500	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	20
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU. YD.	223
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ. YD.	153
25000920	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.15
28500400	ARTICULATED BLOCK REVETMENT MAT	SQ. YD.	275
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ. YD.	470
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	57
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	74
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ. FT.	1828
44000100	PAVEMENT REMOVAL	SQ. YD.	373
44000155	HOT MIX ASPHALT SURFACE REMOVAL, 1 1/2 "	SQ. YD.	91
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	407
44000600	SIDEWALK REMOVAL	SQ. FT.	1223
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU. YD.	399
50300225	CONCRETE STRUCTURES	CU. YD.	50.1
50300280	CONCRETE ENCASEMENT	CU. YD.	7.7
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5338
50901115	STEEL RAILING (SPECIAL)	FOOT	198
51201400	FURNISHING STEEL PILES HP 10X42	FEET	945
51202305	DRIVING PILES	FOOT	945
51203400	TEST PILE STEEL HP 10X42	EACH	1
51500100	NAME PLATES	EACH	1
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	60
55100500	STORM SEWER REMOVAL 12"	FOOT	30
59100100	GEOCOMPOSITE WALL DRAIN	SQ. YD.	85
60107600	PIPE UNDERDRAINS 4"	FOOT	121
60218400	MANHOLES, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2
60500060	REMOVING INLETS	EACH	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FEET	488
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROLL AND PROTECTION, STANDARD BLR 21	L SUM	1
70102620	TRAFFIC CONTROLL AND PROTECTION, STANDARD 701501	L SUM	1
X0324450	SEGMENTAL CONCRETE BLOCK WALL (SPECIAL)	SQ. FT.	2046
XX005320	TEXAS COMBINATION CONCRETE RAILING	FEET	78
XX007024	THREE-SIDED PRECAST CONCRETE STRUCTURE, 32X10	FOOT	46.8
X0323330	PRECAST CONCRETE SUBSTRUCTURE	L SUM	1
XX007025	COARSE AGGREGATE BACKFILL (SPECIAL)	CU. YD.	12

NOTE:

Because there is a possibility that the Kirtland's snakes could still inhabit the project area, a commitment should be placed in the appropriate location in the project plans or plan notes, as follows: the resident engineer, contractor, supervisors on the job, and each individual worker should be informed and educated that any snake encountered must not be killed or harmed. The Kirtland's snake is legally protected under the Illinois Endangered Species Protection Act, and a violation is a Class A misdemeanor. (Class A misdemeanors carry a fine of up to \$1,000 and up to 364 days in jail.) This information should be implemented into the plans in order to avoid adverse effects to the snakes.

**EARTHWORK SCHEDULE**

1 LOCATION	2 EARTH EXCAVATION	3 TOPSOIL	4 EARTH & CHANNEL EXCAVATION ADJUSTED FOR SHRINKAGE	5 EMBANKMENT	6 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	Cubic Yard	Square Yard	Cubic Yard	Cubic Yard	Cubic Yard
Sta. 14+06 to Sta. 14+95	81	58	61	2	59
Sta. 14+95 to Sta. 16+75	677	95	508	24	484
<b>Total</b>	<b>758*</b>	<b>153</b>	<b>569</b>	<b>26</b>	<b>543</b>

\* All Excavation Material shall be Approved by the Engineer Before Being Used as Embankment.

Column 1, 2, & 5 - Location and Quantities from Cross Sections.  
Cut = Earth Excavation    Fill = Embankment

Column 3 - Topsoil, 4" shall be placed over the articulated concrete block mat.

Column 4 - Quantity of Earth Excavation (Cut) Adjusted for a shrinkage factor of 25%

Column 6 - Earthwork Balance (-) = Quantity of Furnished Excavation needed  
Earthwork Balance (+) = Quantity of Earth Excavation Adjusted for shrinkage to be wasted

Note: Sub-base Granular Material, Type B, shall be used as necessary to bring the subgrade up to grade after existing pavement is removed. A token quantity has been included to establish unit prices

PLOT DATE = 6/28/2007  
 FILE NAME = F:\Civil\Cherleston\Jackson Ave Bridge\Drawings\quan.sht  
 PLOT SCALE = 50.0000 FT / IN.  
 USER NAME = JGBEL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SUMMARY OF QUANTITIES**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_

DRAWN BY: RLH ✓  
 CHECKED BY: MED ✓