

SUMMARY OF QUANTITIES

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 16	07-00944-00-BR	CHAMPAIGN	45	3
STA.		TO STA.		
F.J.N.A. REC.		K.L.P.O.D.S. PROJECT		

CODE #	ITEM NAME	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	128.0
25000200	SEEDING, CLASS 2	ACRE	0.30
* 25000314	SEEDING, CLASS 4B	ACRE	0.30
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27.0
25100115	MULCH METHOD 2	ACRE	0.30
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	350.0
* 28000305	TEMPORARY DITCH CHECKS	FOOT	32
28000400	PERIMETER EROSION BARRIER	FOOT	608
40600100	BITUMINOUS MATERIALS, PRIME COAT	GALLON	58.0
40600300	AGGREGATE, PRIME COAT	TON	0.8
40600625	LEVELING BINDER, MACHINE METHOD, N50	TON	12.8
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	TON	40.1
42001300	PROTECTIVE COAT	SQ YD	228.0
44000100	PAVEMENT REMOVAL	SQ YD	335.0
48101500	AGGREGATE SHOULDERS, TYPE B, 6"	SQ YD	226.7
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0
50200100	STRUCTURE EXCAVATION	CU YD	256.0
50201101	COFFERDAM (TYPE 1) (LOCATION-1)	EACH	1.0
50201102	COFFERDAM (TYPE 1) (LOCATION-2)	EACH	1.0
50300100	FLOOR DRAINS	EACH	26.0
50300225	CONCRETE STRUCTURES	CU YD	107.7
50300255	CONCRETE SUPERSTRUCTURE	CU YD	348.6
50300260	BRIDGE DECK GROOVING	SQ YD	646.0
50300300	PROTECTIVE COAT	SQ YD	881.0
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1.0
50500505	STUD SHEAR CONNECTORS	EACH	3,870.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	90,760.0
50800515	BAR SPLICERS	EACH	68.0
51201400	FURNISHING STEEL PILES HP 10X42	FOOT	1,510.0
51202305	DRIVING PILES	FOOT	1,510.0
51203400	TEST PILE STEEL HP10X42	EACH	4.0
51204650	PILE SHOES	EACH	32.0
51500100	NAME PLATES	EACH	1.0
52100520	ANCHOR BOLTS, 1"	EACH	48.0
54213447	END SECTIONS 12"	EACH	2.0
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	74.0
60100945	PIPE DRAINS 12"	FOOT	80.0
60900140	TYPE B INLET BOX STANDARD 609006	EACH	2.0
60900515	CONCRETE THRUST BLOCKS	EACH	2.0
△ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	150.0
△ 63100045	TRAFFIC BARRIER TERMINAL TYPE 2	EACH	2.0
△ 63100085	TRAFFIC BARRIER TERMINAL TYPE 6	EACH	4.0
△ 63100167	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	EACH	1.0
63200310	GUARDRAIL REMOVAL	FOOT	300.0
* △ 6330725	STEEL PLATE BEAM GUARDRAIL, (SHORT RADIUS)	FOOT	31.3
67100100	MOBILIZATION	L SUM	1.0
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1.0
△ 78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	844.0
* X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	135.0
* X4401198	HOT-MIX SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	286.0
* XX004565	GROUTED RIPRAP	SQ YD	798.0
* XX004566	CONCRETE CUT-OFF WALL	CU YD	6.2
* Z0001400	ANTI-STRIP ADDITIVE	UNIT	32.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0
* Z0046304	PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	240.0

*SEE SPECIAL PROVISIONS

△ SPECIALTY ITEMS

SCHEDULE OF QUANTITIES

28000305	
TEMPORARY DITCH CHECKS	
LOCATION	FOOT
9+20 RT	8
9+20 LT	8
10+80 RT	8
10+80 LT	8
TOTAL	32

63200310			
GUARDRAIL REMOVAL			
STATION TO STATION			FOOT
8+55	9+30.	LT	75.0
8+55	9+30.	RT	75.0
10+70.	11+45	LT	75.0
10+70.	11+45	RT	75.0
TOTAL			300.0

44000100			
PAVEMENT REMOVAL			
STATION TO STATION			SQ YD
8+66	9+32	LT	83.8
8+66	9+32	RT	83.8
10+68	11+34	LT	83.6
10+68	11+34	RT	83.6
TOTAL			335

28000400					
PERIMETER EROSION BARRIER					
STATION TO STATION			FOOT		
8+00	43' LT	-	8+82	50' LT	83.0
7+59	37' RT	-	8+82	50' RT	124.0
8+82	50' LT	-	8+82	23' LT	27.0
8+82	50' RT	-	8+82	23' RT	27.0
8+82	23' LT	-	8+92	23' LT	10.0
8+82	23' RT	-	8+92	23' RT	10.0
11+04	26' LT	-	11+24	26' LT	20.0
11+04	26' RT	-	11+24	26' RT	20.0
11+24	26' LT	-	11+24	60' LT	34.0
11+24	26' RT	-	11+24	60' RT	34.0
11+24	60' LT	-	12+50	45' LT	127.0
11+24	60' RT	-	12+15	45' RT	92.0
TOTAL					608.0

25000314			
SEEDING CLASS 4B			
STATION TO STATION			ACRE
8+30	9+33	LT	0.05
8+50	9+33	RT	0.05
10+67	11+57	RT	0.09
10+67	12+18	LT	0.11
TOTAL			0.30

25000200			
SEEDING CLASS 2 AND			
25100115			
MULCH METHOD 2			
STATION TO STATION			ACRE
8+30	9+33	LT	0.06
8+50	9+33	RT	0.08
10+67	11+57	RT	0.07
10+67	12+18	LT	0.09
TOTAL			0.30
NOTE: 90 LBS PER ACRE FOR EACH NUTRIENT; NITROGEN, PHOSPHORUS & POTASSIUM.			

EARTHWORK SCHEDULE	CU YD
EARTH EXCAVATION	128
STRUCTURE EXCAVATION	256
TOTAL CUT	384
EMBANKMENT	6
TOTAL FILL	6
BORROW = FURNISHED EXCAVATION =	0
WASTE = EXCAVATION - (FILL x 1.25) =	376
1.25 REPRESENTS 25% SHRINKAGE FACTOR	

SECTION: 07-00944-00-BR
CHAMPAIGN COUNTY
@ STATION 10+00