

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. II	10-00962-00-BR	CHAMPAIGN	40	3
STA.	TO STA.			
F.H.W.A. REC.	ILLINOIS	PROJECT		

SUMMARY OF QUANTITIES

CODE #	ITEM NAME	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	144.0
20700220	POROUS GRANULAR EMBANKMENT	CU YD	77.0
25000200	SEEDING, CLASS 2	ACRE	0.14
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	12.6
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	12.6
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	12.6
25100115	MULCH METHOD 2	ACRE	0.14
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	280.0
* 28000305	TEMPORARY DITCH CHECKS	FOOT	24.0
28000400	PERIMETER EROSION BARRIER	FOOT	468.0
28000500	INLET AND PIPE PROTECTION	EACH	1.0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	54.0
40600300	AGGREGATE PRIME COAT	TON	0.8
40600625	LEVEL BINDER (MACHINE METHOD), N50	TON	12.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50	TON	40.1
44000100	PAVEMENT REMOVAL	SQ YD	249.0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ. YD	268.0
48101500	AGGREGATE SHOULDERS TYPE B, 6"	SQ. YD	129.8
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0
50105220	PIPE CULVERT REMOVAL	FOOT	40.0
50200100	STRUCTURE EXCAVATION	CU YD	220.0
50300100	FLOOR DRAINS	EACH	14.0
50300225	CONCRETE STRUCTURES	CU YD	138.2
50300255	CONCRETE SUPERSTRUCTURE	CU YD	263.1
50300260	BRIDGE DECK GROOVING	SQ YD	605.0
50300300	PROTECTIVE COAT	SQ YD	561.0
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1.0
50500505	STUD SHEAR CONNECTORS	EACH	3,564.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	74,050.0
50800515	BAR SPLICERS	EACH	68.0
51201400	FURNISHING STEEL PILES HP10X42	FOOT	1,577.0
51202305	DRIVING PILES	FOOT	1,577.0
51203400	TEST PILE STEEL HP10X42	EACH	4.0
51204650	PILE SHOES	EACH	28.0
51500100	NAME PLATES	EACH	1.0
52100520	ANCHOR BOLTS, 1"	EACH	48.0
54213447	END SECTIONS 12"	EACH	5.0
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	45.0
60100945	PIPE DRAINS 12"	FOOT	60.0
60900140	TYPE B INLET BOX STANDARD 609006	EACH	4.0
60900515	CONCRETE THRUST BLOCKS	EACH	4.0
Δ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	112.5
Δ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2.0
Δ 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1.0
Δ 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3.0
Δ 63200310	GUARDRAIL REMOVAL	FOOT	162.0
* 63300725	STEEL PLATE BEAM GUARDRAIL, (SHORT RADIUS)	FOOT	50.0
67100100	MOBILIZATION	L SUM	1.0
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1.0
Δ 78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	675.0
* X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1.0
* X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1.0
XX004565	GROUTED RIPRAP	SQ YD	427.0
XX004566	CONCRETE CUT-OFF WALL	CU YD	6.2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	120.0
*SEE SPECIAL PROVISIONS			

Δ SPECIALTY ITEMS

SCHEDULE OF QUANTITIES

28000300		
TEMPORARY DITCH CHECKS		
LOCATION		FOOT
9+25	RT	6
8+60	LT	6
10+75	RT	6
10+75	LT	6
TOTAL		24

50105220				
PIPE CULVERT REMOVAL				
STATION TO STATION		TYPE		FOOT
10+28	10+68	RT	15" CMP	40.0
TOTAL				40.0

28000500		
INLET AND PIPE PROTECTION		
LOCATION		EACH
8+10	RT	1
TOTAL		1

63200310				
GUARDRAIL REMOVAL				
STATION TO STATION				FOOT
9+11	9+51.5	LT		40.5
9+11	9+51.5	RT		40.5
10+48.5	10+89	LT		40.5
10+48.5	10+89	RT		40.5
TOTAL				162.0

28000400					
PERIMETER EROSION BARRIER					
STATION TO STATION			FOOT		
8+30	30' LT	-	9+32	30' LT	102.0
9+32	30' LT	-	9+32	17' LT	13.0
8+50	30' RT	-	9+32	30' RT	82.0
9+32	30' RT	-	9+32	17' RT	13.0
10+68	30' LT	-	12+18	30' LT	150.0
10+68	17' LT	-	10+68	30' LT	13.0
10+68	30' RT	-	11+50	30' RT	82.0
10+68	17' RT	-	10+68	30' RT	13.0
TOTAL					468.0

44000100				
PAVEMENT REMOVAL				
STATION TO STATION				SQ YD
9+03	9+52	LT		62.9
9+03	9+52	RT		62.9
10+49	10+97	LT		61.7
10+49	10+97	RT		61.7
TOTAL				249

EARTHWORK SCHEDULE	CU YD
EARTH EXCAVATION	144
STRUCTURE EXCAVATION	220
CONCRETE CUT-OFF WALL EXCAVATION	6
TOTAL CUT	371
EMBANKMENT	132
TOTAL FILL	132
BORROW = FURNISHED EXCAVATION =	0
WASTE = EXCAVATION - (FILL x 1.25) =	206
1.25 REPRESENTS 25% SHRINKAGE FACTOR	

25000200 SEEDING CLASS 2 AND			
25100115 MULCH METHOD 2			
STATION TO STATION		ACRE	
8+30	9+33	LT	0.04
8+50	9+33	RT	0.02
10+67	11+57	RT	0.05
10+67	12+18	LT	0.03
TOTAL			0.14
NOTE: 90 LBS PER ACRE FOR EACH NUTRIENT; NITROGEN, PHOSPHORUS & POTASSIUM.			

SECTION: 10-00962-00-BR
CHAMPAIGN COUNTY
Q STATION 10+00