

SUMMARY OF QUANTITIES

PAY CODE	ITEM	UNITS	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	28
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	82
20200100	EARTH EXCAVATION	CU YD	1691
20300100	CHANNEL EXCAVATION	CU YD	25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	213
28000305	TEMPORARY DITCH CHECKS	FOOT	59
28000400	PERIMETER EROSION BARRIER	FOOT	1546
28000500	INLET AND PIPE PROTECTION	EACH	3
28100207	STONE RIPRAP, CLASS A4	TON	210
28200200	FILTER FABRIC	SQ YD	350
35101400	AGGREGATE BASE COURSE, TYPE B	TON	872
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	23
40800100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	174
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	214
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	153
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	267
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	695
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	226
50200100	STRUCTURE EXCAVATION	CU YD	132.4
50300225	CONCRETE STRUCTURES	CU YD	32.2
50300280	CONCRETE ENCASMENT	CU YD	4.2
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1520
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3740
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	109
51201600	FURNISHING STEEL PILES HP12X53	FOOT	505
51202305	DRIVING PILES	FOOT	505
51203600	TEST PILE STEEL HP12X53	EACH	2
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	157
542D1093	PIPE CULVERTS, CLASS D, TYPE 2 48"	FOOT	108
56109210	WATER VALVES TO BE ADJUSTED	EACH	2
67100100	MOBILIZATION	L SUM	1
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.71
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
XX005721	WATER METER TO BE ADJUSTED	EACH	1

Δ SPECIALTY ITEMS

EARTHWORK SCHEDULE CH 7

STATION	CUT		FILL		TOTAL
	SQ FT	CU YD	SQ FT	CU YD	CU YD
9+75	27.6		4.8		
		25.6		4.4	30.0
10+00	21.6		13.0		
		40.0		24.1	64.1
10+50	16.3		15.9		
		30.2		29.4	59.6
11+00	16.9		10.1		
		31.3		18.7	50.0
11+50	27.0		29.7		
		133.5		146.9	280.4
12+84	0.0		0.0		
BRIDGE OMISSION					
13+40	17.8		59.4		
		39.6		132.2	171.8
14+00	13.7		28.7		
		25.4		53.1	78.5
14+50	26.8		8.2		
		24.3		7.4	31.7
14+75	42.6		7.5		
		40.2		7.1	47.3
15+00	43.9		3.3		
		40.6		3.1	43.7
TOTAL CUT					
EARTH EXCAVATION		TOTAL FILL		TOTAL	
431.0 CU YD		EMBANKMENT		EARTHWORK	
		426.0 CU YD		857.0 CU YD	
FURNISHED EXCAVATION =		104.0 CU YD			

EARTHWORK SCHEDULE OSAGE RD

STATION	CUT		FILL		TOTAL
	SQ FT	CU YD	SQ FT	CU YD	CU YD
51+00	33.2		6.2		
		61.5		11.5	73.0
51+50	94.3		4.2		
		174.6		7.8	182.4
52+00	172.2		2.7		
		318.9		5.0	323.9
52+50	219.0		0.1		
		405.6		0.2	405.8
53+00	161.8		11.5		
		299.6		21.3	320.9
53+50	0.0		0.0		
TOTAL CUT					
EARTH EXCAVATION		TOTAL FILL		TOTAL	
1260.0 CU YD		EMBANKMENT		EARTHWORK	
		46.0 CU YD		1306.0 CU YD	
FURNISHED EXCAVATION =		(899.0) CU YD			

TEMPORARY DITCH CHECKS

STATION	OFFSET	SIDE	LENGTH (FT)
CH 7			
10+00.00	17.0	LT	6.0
10+00.00	21.3	RT	6.0
11+00.00	23.5	LT	7.0
12+00.00	32.1	LT	8.0
OSAGE			
51+50.10	19.9	RT	8.0
52+00.00	22.4	LT	8.0
52+50.00	23.8	RT	8.0
53+00.00	26.2	LT	8.0
TOTAL =			59.0

PRINTED DATE: 2/18/2013 FILE NAME: N:\Projects\Illinois Co Highway Dept\CH 7 Over Union Drainage Ditch 3\CDR\Drawings\Sheets\A1\CH7_S01.dwg

USER NAME = #USER#	DESIGNED - ADG/JEH	REVISED -
PLOT SCALE = 1,000.00 / IN.	DRAWN - ADG/JEH	REVISED -
PLOT DATE = 2/18/2013	CHECKED - DF	REVISED -
	DATE - 02-18-2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COUNTY HIGHWAY 7 OVER UNION DRAINAGE DITCH 3

SCALE: NTS SHEET NO. 1 OF 1 SHEETS

ESI ESI CONSULTANTS, LTD				
<small>753 WINDSOR ROAD CHARLESTON, IL 61920 (217) 348-1900 WWW.ESI-CONSULTANTS.LTD.COM</small>				
<small>ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003885</small>				
CNTY HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7	07-00142-00-BR	COLES	18	3
CONTRACT NO. 95643				
<small>ILLINOIS FED. AID PROJECT</small>				