

SUMMARY OF QUANTITIES

PAY CODE	ITEM	UNITS	QUANTITY
20200100	EARTH EXCAVATION	CU YD	880
20300100	CHANNEL EXCAVATION	CU YD	450
20400800	FURNISHED EXCAVATION	CU YD	276
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.70
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	84
28000305	TEMPORARY DITCH CHECKS	FOOT	54
28000400	PERIMETER EROSION BARRIER	FOOT	1704
28000500	INLET AND PIPE PROTECTION	EACH	3
28100107	STONE RIPRAP, CLASS A4	SQ YD	312
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	535
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	143
50200100	STRUCTURE EXCAVATION	CU YD	115.4
50300225	CONCRETE STRUCTURES	CU YD	31.0
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1614
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4390
* 50900205	STEEL RAILING, TYPE S1	FOOT	120
51201400	FURNISHING STEEL PILES HP10X42	FOOT	350
51202305	DRIVING PILES	FOOT	350
51203400	TEST PILE STEEL HP10X42	EACH	2
51500100	NAME PLATES	EACH	1
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	302
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	65.0
67100100	MOBILIZATION	L SUM	1
X7010210	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1
XX004566	CONCRETE CUT-OFF WALL	CU YD	6.4
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

* SPECIALTY ITEMS

EARTHWORK SCHEDULE

STATION	FILL		CUT		TOTAL CU YD
	SQ FT	CU YD	SQ FT	CU YD	
5+00	8.8		3.1		
5+50	3.6	16.3	5.1	5.7	22.0
6+00	0.9	6.7	9.8	9.4	16.1
6+50	1.0	1.7	20.6	18.1	19.8
7+00	3.1	1.9	37.1	38.1	40.0
7+50	7.1	5.7	54.6	68.7	74.4
8+00	13.6	13.1	71.5	101.1	114.2
8+50	21.9	25.2	83.3	132.4	157.6
9+00	153.2	40.6	48.2	154.3	194.9
9+71		402.9		126.7	529.6
10+29	126.0		42.3		
10+83	5.5	250.6	53.5	84.1	334.7
11+50	8.4	13.7	20.1	133.4	147.1
12+00	7.9	15.6	9.0	37.2	52.8
12+50	12.4	14.6	2.9	16.7	31.3
13+00	13.9	23.0	1.4	5.4	28.4
13+50	12.5	25.7	1.5	2.6	28.3
14+00		23.1		2.8	25.9
TOTAL CUT EARTH EXCAVATION	880.4 CU YD	TOTAL FILL EMBANKMENT	936.7 CU YD	TOTAL EARTHWORK	1817.1 CU YD
20400800 FURNISHED EX =		276.4 CU YD			

28000305 TEMPORARY DITCH CHECKS

STATION	SIDE	EACH	FOOT
5+00.0	LT	1	6
5+00.0	RT	1	6
6+50.0	LT	1	6
6+50.0	RT	1	6
8+00.0	LT	1	6
8+00.0	RT	1	6
12+00.0	LT	1	6
13+00.0	LT	1	6
14+00.0	LT	1	6
TOTAL		9	54

40200800 AGGREGATE SURFACE COURSE, TYPE B

STATION	TO	STATION	DEPTH, FT	CU YD	TON
5+00.0		6+00.0	0.5	32.5	59
6+00.0		7+00.0	0.5	33.3	60
7+00.0		8+00.0	0.5	33.3	60
8+00.0		9+00.0	0.5	33.3	60
9+00.0		9+71.0	0.5	23.7	43
10+29.0		11+00.0	0.5	23.7	43
11+00.0		12+00.0	0.5	33.3	60
12+00.0		13+00.0	0.5	33.3	60
13+00.0		14+00.0	0.5	32.1	58
10+82.7		FE	0.5	17.4	32
TOTAL					535

28000500 INLET & PIPE PROTECTION

STATION	SIDE	EACH
9+00.0	LT	1
9+00.0	RT	1
11+50.0	LT	1
TOTAL		3

28000400 PERIMETER EROSION BARRIER

STATION	TO	STATION	SIDE	FOOT
5+00.0		9+48.0	LT	449.2
5+00.0		9+98.2	RT	498.8
9+98.6		14+00.0	LT	403.5
10+48.2		14+00.0	RT	352.1
TOTAL				1704

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
& SCHEDULES

ESI ESI CONSULTANTS, LTD
753 WINDSOR ROAD
CHARLESTON, IL 61920
(217) 346-1500
WWW.ESICONCONSULTANTS.LTD.COM
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-035696

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
160	09-09123-00-BR	VERMILION	19	2
			CONTRACT NO.	91437
ILLINOIS FED. AID PROJECT				

USER NAME = #USER#	DESIGNED - JEH	REVISED -
PLOT SCALE = 1:8000 / IN.	DRAWN - JEH	REVISED -
PLOT DATE = 10/13/2010	CHECKED - PAT	REVISED -
	DATE - 09-20-2010	REVISED -

SCALE: NTS SHEET NO. 1 OF 1 SHEETS