SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	629
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	252
	20200100	EARTH EXCAVATION	CU YD	4,750
	20300100	CHANNEL EXCAVATION	CU YD	100
①	25100630	EROSION CONTROL BLANKET	SQ YD	147
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	750
①	28000305	TEMPORARY DITCH CHECKS	FOOT	264
	28000400	PERIMETER EROSION BARRIER	FOOT	780
	28000500	INLET AND PIPE PROTECTION	EACH	3
	28200200	FILTER FABRIC	SQ YD	330
	28300400	AGGREGATE DITCH	TON	176
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	2,046
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	66
①	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
	50105220	PIPE CULVERT REMOVAL	FOOT	29
	50200100	STRUCTURE EXCAVATION	CU YD	70
	50300225	CONCRETE STRUCTURES	CU YD	25.8
	50300280	CONCRETE ENCASEMENT	CU YD	3.5
①	50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1,637
	50800105	REINFORCEMENT BARS	POUND	2,870
* ①	50900205	STEEL RAILING, TYPE S1	FOOT	106
①	51201400	FURNISHING STEEL PILES HP10x42	FOOT	196
①	51202305	DRIVING PILES	FOOT	196
①	51203400	TEST PILE STEEL HP10x42	EACH	2
	51500100	NAME PLATES	EACH	1
①	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	34
①	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	42
①	542D0241	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	48
①	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	15.1
	67100100	MOBILIZATION	L SUM	1
* ①	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
①	X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.5
①	X2810228	STONE RIPRAP, CLASS B4 (SPECIAL)	TON	300
①	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
①	XX004450	BITUMINOUS SURFACE TREATMENT, A-2 SPECIAL	SQ YD	2,489
①	XX008542	OBLITERATE EXISTING ROADBED	SQ YD	49

① SEE SPECIAL PROVISIONS

CONSTRUCTION TYPE CODE: X080(0011)

* SPECIALTY ITEMS

AGGREGATE BASE COURSE, TYPE B

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
15+00.00 - 15+50.00	1.33'	20.45' AVG.	50.00'	95
15+50.00 - 19+73.50	1.33'	23.33'	423.50'	920
20+26.50 - 24+50.00	1.33'	23.33'	423.50'	920
24+50.00 - 25+00.00	1.33'	23.84' AVG.	50.00'	111
			TOTAL	2,046

EARTHWORK SUMMARY

STATION TO STATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	FILL	WASTE (SHORTAGE)
	CU YD	CU YD	CU YD	CU YD	CU YD
RDWY 15+00.00 - 19+73.50	2,570			220	2,277
RDWY 20+26.50 - 25+00.00	2,181			65	2,094
CHANNEL		100			
STRUCTURE			70		
TOTAL	4,751	100	70	285	4,371
USE	4,750	100	70	-	4,370

(@ 25% SHRINKAGE)

EROSION CONTROL BLANKET

STATION TO STATION	SIDE	WIDTH	LENGTH	AREA (SQ YD)
15+55 - 17+00	RIGHT	6'	145'	97
16+25 - 17+00	LEFT	6'	75'	50
			TOTAL	147

TEMPORARY DITCH CHECKS

STATION	SIDE	FOOT
15+25	LEFT	12
15+25	RIGHT	12
15+45	RIGHT	12
15+50	RIGHT	12
15+55	RIGHT	12
16+00	LEFT	12
16+00	RIGHT	12
16+75	LEFT	12
16+75	RIGHT	12
17+30	LEFT	12
17+30	RIGHT	12
17+75	LEFT	12
17+75	RIGHT	12
19+77	LEFT	12
20+13	RIGHT	12
20+40	RIGHT	12
20+65	RIGHT	12
22+10	RIGHT	12
22+80	RIGHT	12
23+70	RIGHT	12
24+50	RIGHT	12
24+75	RIGHT	12
	TOTAL	264

INLET & PIPE PROTECTION

STATION	SIDE	EACH
15+50	LEFT	1
18+25	LEFT	1
21+38	RIGHT	1
	TOTAL	3

PIPE CULVERT REMOVAL

℄ STATION	SIZE	SIDE	FOOT
21+24	36"	LEFT	29
		TOTAL	29

OBLITERATE EXISTING ROADBED

STATION TO STATION	SIDE	WIDTH	SQ YD
18+93 - 19+75	LEFT	VARIES	49
		TOTAL	49

AGGREGATE SURFACE COURSE, TYPE B

STATION TO STATION	WIDTH	LENGTH	TON
ENTR. - 18+13 LT	16.0' & VAR.	20.92'	18
ENTR. - 18+85 LT	12.0' & VAR.	28.98'	19
ENTR. - 21+26 RT	16.0' & VAR.	33.67'	29
		TOTAL	66

PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
17+95 - 18+25	LEFT	35
18+25 - 19+74	RIGHT	165
18+68 - 19+00	LEFT	40
20+26 - 25+00	LEFT	500
20+88 - 21+23	RIGHT	40
	TOTAL	780

TREE REMOVAL

STATION	OFFSET	SIDE	6 TO 15 UNITS	OVER 15 UNITS
15+44	46'	RIGHT	10	
15+45	32'	RIGHT	6	
15+45	43'	RIGHT	6	
15+50	50'	RIGHT	6	
15+50	45'	RIGHT	6	
15+52	43'	RIGHT	6	
15+59	32'	RIGHT	12	
15+62	35'	LEFT	10	
15+73	23'	RIGHT	12	
15+77	35'	LEFT	10	
15+78	22'	RIGHT	12	
15+94	34'	LEFT	8	
15+95	31'	RIGHT	8	
15+95	30'	RIGHT	8	
16+06	39'	RIGHT	8	
16+11	35'	LEFT	8	
16+18	35'	LEFT	8	
16+21	41'	RIGHT	12	
16+24	36'	LEFT	10	
16+37	34'	RIGHT	12	
16+63	41'	RIGHT	10	
16+65	38'	RIGHT	12	
16+66	34'	RIGHT	10	
16+67	39'	RIGHT	12	
16+68	36'	RIGHT	12	
16+87	41'	RIGHT	6	
17+01	40'	RIGHT	8	
17+07	35'	RIGHT	6	
17+24	31'	RIGHT	14	
17+35	29'	RIGHT	12	
17+37	27'	RIGHT	14	
17+46	38'	RIGHT	8	
17+57	22'	RIGHT	6	
17+69	31'	RIGHT	9	
17+83	33'	RIGHT	9	
17+84	25'	RIGHT	6	
18+04	16'	RIGHT	8	
18+07	28'	RIGHT	6	
18+30	27'	RIGHT	14	
18+45	20'	RIGHT	8	
18+47	12'	RIGHT	10	

STATION	OFFSET	SIDE	6 TO 15 UNITS	OVER 15 UNITS
18+51	12'	RIGHT	7	
18+54	11'	RIGHT	7	
18+58	21'	RIGHT	7	
18+79	5'	RIGHT		17
18+82	29'	RIGHT	6	
18+84	31'	RIGHT		18
18+86	5'	RIGHT		22
19+03	15'	RIGHT	8	
19+11	20'	RIGHT	15	
19+18	32'	RIGHT	6	
19+33	20'	RIGHT	6	
19+33	30'	RIGHT	6	
19+45	23'	RIGHT		18
21+31	28'	RIGHT		36
21+42	31'	RIGHT	14	
21+69	17'	RIGHT	8	
21+73	33'	RIGHT		18
21+74	2'	RIGHT	10	
21+75	6'	RIGHT	8	
21+91	24'	RIGHT	10	
21+91	18'	RIGHT	11	
21+99	21'	RIGHT		17
21+99	36'	RIGHT	6	
22+02	18'	RIGHT	8	
22+10	33'	RIGHT	11	
22+10	14'	RIGHT		16
22+11	39'	RIGHT	6	
22+18	27'	RIGHT	7	
22+39	22'	RIGHT	12	
22+55	31'	RIGHT	8	
22+59	24'	RIGHT	8	
22+67	30'	RIGHT	8	
22+81	20'	RIGHT		20
22+81	33'	RIGHT	8	
22+83	34'	RIGHT	6	
23+43	34'	RIGHT		16
24+07	30'	RIGHT	14	
24+25	25'	RIGHT	10	
24+35	29'	RIGHT		18
24+46	35'	RIGHT	10	
24+58	36'	RIGHT		36
		TOTAL	629	252

AGGREGATE DITCH**

STATION TO STATION	SIDE	WIDTH	TON	FILTER FABRIC (SQ YD)
15+00 - 15+50	LEFT	6'	18	34
15+00 - 15+50	RIGHT	6'	30	55
17+00 - 17+95	LEFT	6'	34	65
17+00 - 18+00	RIGHT	6'	36	67
20+13 - 20+90	RIGHT	6'	27	51
21+38 - 21+50	RIGHT	6'	4	8
24+25 - 25+00	RIGHT	6'	27	50
		TOTAL	176	330

** Aggregate Ditch shall conform to material type B-3 of the Standard Specifications

BITUMINOUS SURFACE TREATMENT, A-2 SPECIAL

STATION TO STATION	WIDTH	LENGTH	SQ YD
15+00.00 - 15+50.00	19.12' AVG.	50.00'	106
15+50.00 - 19+73.50	22.00'	423.50'	1,035
BRIDGE DECK	32.00'	53.00'	188
20+26.50 - 24+50.00	22.00'	423.50'	1,035
24+50.00 - 25+00.00	22.51' AVG.	50.00'	125
		TOTAL	2,489

PIPE CULVERTS, CLASS D, TYPE 1 15"

STATION	SIDE	FOOT
18+13	LEFT	34
	TOTAL	34

PIPE CULVERTS, CLASS D, TYPE 1 36"

STATION	SIDE	FOOT
21+26	RIGHT	48
	TOTAL	48

PIPE CULVERTS, CLASS D, TYPE 1 18"

STATION	SIDE	FOOT
15+50	℄	42
	TOTAL	42

FILE NAME = W:\Bridge\2698-Pike\2698q001.dgn	USER NAME = cthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1.0000 ft / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2011	DATE -	REVISED -

PIKE COUNTY
COUNTY HIGHWAY 13
OVER BREWSTER CREEK

SUMMARY OF QUANTITIES, SCHEDULES OF QUANTITIES

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. 15+00.00 TO STA. 25+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
597	09-00083-00-BR	PIKE	26	3

CONTRACT NO. 93550

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT BRS-0597(103)