

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 389	93-00049-00-BR	PEORIA	99	7
FED. ROAD DIST. NO.	7	ILLINOIS	PROJECT:	BRS-0389(104)
CONTRACT NO. 89323				

QUANTITIES NOT OTHERWISE SHOWN

EARTHWORK & RELATED ITEMS SUMMARY

CODE NO.	20200100	20400800			
LOCATION	EMBANKMENT (CU. YD.)	EARTH EXCAVATION (CU. YD.)	EARTH EX. ADJUSTED FOR SHRINKAGE	BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION (CU. YD.)
STA. 12+50.00 TO STA. 13+00.00	20.19	123.76	92.82	-72.63	-72.63
STA. 13+00.00 TO STA. 14+00.00	237.85	308.95	231.72	6.14	6.14
STA. 14+00.00 TO STA. 15+00.00	649.80	69.95	52.47	597.33	597.33
STA. 15+00.00 TO STA. 16+00.00	711.31	68.63	51.47	659.83	659.83
STA. 16+00.00 TO STA. 17+00.00	279.59	299.11	224.33	55.26	55.26
STA. 17+00.00 TO STA. 18+00.00	20.61	1008.12	756.09	-735.48	-735.48
STA. 18+00.00 TO STA. 19+00.00	0	2389.14	1791.85	-1791.85	-1791.85
STA. 19+00.00 TO STA. 20+00.00	0	4187.17	3140.38	-3140.38	-3140.38
STA. 20+00.00 TO STA. 21+00.00	0	7200.62	5400.47	-5400.47	-5400.47
STA. 21+00.00 TO STA. 22+00.00	0	9784.63	7338.47	-7338.47	-7338.47
STA. 22+00.00 TO STA. 23+00.00	0	11103.58	8327.69	-8327.69	-8327.69
STA. 23+00.00 TO STA. 24+00.00	0	12153.36	9115.02	-9115.02	-9115.02
STA. 24+00.00 TO STA. 25+00.00	0	11871.43	8903.57	-8903.57	-8903.57
STA. 25+00.00 TO STA. 26+00.00	0	10720.16	8040.12	-8040.12	-8040.12
STA. 26+00.00 TO STA. 27+00.00	0	8730.51	6547.88	-6547.88	-6547.88
STA. 27+00.00 TO STA. 28+00.00	0	5347.13	4010.35	-4010.35	-4010.35
STA. 28+00.00 TO STA. 29+00.00	2888.82	1666.29	1249.72	1639.11	1639.11
STA. 29+00.00 TO STA. 29+43.19	3326.82	0	0	3326.82	3326.82
BRIDGE OMISSION STR. NO. 072-3145					
STA. 31+53.19 TO STA. 32+00.00	6515.15	0	0	6515.15	6515.15
STA. 32+00.00 TO STA. 33+00.00	12351.15	0	0	12351.15	12351.15
STA. 33+00.00 TO STA. 34+00.00	10232.17	0	0	10232.17	10232.17
STA. 34+00.00 TO STA. 35+00.00	9968.84	0	0	9968.84	9968.84
STA. 35+00.00 TO STA. 36+00.00	10205.93	0	0	10205.93	10205.93
STA. 36+00.00 TO STA. 37+00.00	10045.77	0	0	10045.77	10045.77
STA. 37+00.00 TO STA. 38+00.00	10474.16	0	0	10474.16	10474.16
STA. 38+00.00 TO STA. 39+00.00	11141.74	0	0	11141.74	11141.74
STA. 39+00.00 TO STA. 40+00.00	11381.76	0	0	11381.76	11381.76
STA. 40+00.00 TO STA. 41+00.00	10050.72	0	0	10050.72	10050.72
STA. 41+00.00 TO STA. 42+00.00	4975.18	0	0	4975.18	4975.18
STA. 42+00.00 TO STA. 43+00.00	772.86	272.87	204.65	568.21	568.21
STA. 43+00.00 TO STA. 44+00.00	57.03	1123.29	842.47	-785.44	-785.44
STA. 44+00.00 TO STA. 45+00.00	0	2131.67	1598.75	-1598.75	-1598.75
STA. 45+00.00 TO STA. 46+00.00	52.66	1931.69	1448.76	-1396.11	-1396.11
STA. 46+00.00 TO STA. 47+00.00	52.66	1431.63	1073.72	-1021.06	-1021.06
STA. 47+00.00 TO STA. 48+00.00	224.26	981.48	736.11	-511.85	-511.85
STA. 48+00.00 TO STA. 49+00.00	233.44	471.27	353.45	-120.02	-120.02
STA. 49+00.00 TO STA. 50+00.00	9.18	309.31	231.99	-222.81	-222.81
ROADWAY SUBTOTAL	116879.65	95685.75	71764.32	45115.32	45115.32
PRIVATE ENTRANCE EARTHWORK QUANTITIES					
STA. 12+98.00 P.E.L.	158	1	0.75	157.25	157.25
STA. 13+38.28 P.E.R.	48	3	2.25	45.75	45.75
STA. 13+44.48 P.E.L.	56	1	0.75	55.25	55.25
STA. 14+48.69 P.E.L.	60	2	1.50	58.50	58.50
STA. 16+00.00 P.E.L.	34	1	0.75	33.25	33.25
STA. 17+30.82 P.E.R.	40	1	0.75	39.25	39.25
STA. 18+23.81 P.E.L.	155	1	0.75	154.25	154.25
STA. 19+05.14 P.E.R.	81	12	9.00	72.00	72.00
STA. 20+53.87 P.E.R.	16	448	336.00	-320.00	-320.00
STA. 26+29.46 P.E.R.	88	209	156.75	-68.75	-68.75
STA. 36+37.00 P.E.R.	2366	2	1.50	2364.50	2364.50
STA. 36+37.00 F.E.L.	2819	1	0.75	2818.25	2818.25
STA. 46+45.88 P.E.L.	131	2	1.50	129.50	129.50
STA. 46+68.78 P.E.R.	95	3	2.25	92.75	92.75
STA. 49+20.39 F.E.L.	24	3	2.25	21.75	21.75
ENTRANCE SUBTOTAL	5063	746	559.5	4503.5	4503.5
GRAND TOTAL	123050.65	96430.75	72281.82	50768.82	50768.82

FURNISHED EXCAVATION = 0.75 x EARTH EXCAVATION - EMBANKMENT
SHRINKAGE FACTOR = 75%

NOTES:

1. CHANNEL EXCAVATION AND EXCAVATION AND/OR FILL REQUIRED FOR THE FABRIC FORMED CONCRETE REVETMENT MATS WILL NOT BE MEASURED OR PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ. YD. FOR THE REVETMENT MATS.

STONE RIPRAP, CLASS A4

LT/RT	LOCATION				LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	STONE RIPRAP CLASS A4 (SQ. YD.)	FILTER FABRIC FOR USE WITH RIPRAP (SQ. YD.)
	FROM	OFFSET (FT.)	TO	OFFSET (FT.)					
LT	STA. 19+00.00	33	STA. 27+00.00	33	803.2	6	536	536	536
	STA. 27+00.00	33	STA. 28+00.00	33	100.2	6	67	67	67
	STA. 28+00.00	33	STA. 28+50.00	73.2	64.2	6	43	43	43
	STA. 28+50.00	73.2	STA. 29+00.00	121.2	69.4	6	47	47	47
	STA. 29+00.00	121.2	STA. 30+50.00	115	150.2	6	101	101	101
	STA. 31+00.00	109.1	STA. 31+50.00	104.7	50.2	28	157	157	157
	STA. 31+50.00	104.7	STA. 32+00.00	99.8	50.3	28	157	157	157
	STA. 32+00.00	99.8	STA. 32+50.00	88.6	51.3	22	126	126	126
	STA. 32+50.00	88.6	STA. 33+00.00	85.5	50.2	22	123	123	123
	STA. 33+00.00	85.5	STA. 33+50.00	83.4	50.1	22	123	123	123
	STA. 33+50.00	83.4	STA. 34+00.00	82.2	50.1	22	123	123	123
	STA. 34+00.00	82.2	STA. 34+50.00	81.6	50.1	22	123	123	123
	STA. 34+50.00	81.6	STA. 35+00.00	80.7	50.1	22	123	123	123
	STA. 35+00.00	80.7	STA. 35+50.00	80.8	50.1	22	123	123	123
	STA. 35+50.00	80.8	STA. 35+74.00	79.5	24.1	22	59	59	59
	STA. 37+00.00	67.2	STA. 38+00.00	77	100.5	22	246	246	246
	STA. 38+00.00	77	STA. 38+50.00	76.8	50.2	16	90	90	90
	STA. 38+50.00	76.8	STA. 39+00.00	76.4	50.2	22	123	123	123
	STA. 39+00.00	76.4	STA. 39+50.00	79.5	50.2	22	123	123	123
	STA. 39+50.00	79.5	STA. 40+00.00	85.5	50.4	22	124	124	124
	STA. 40+00.00	85.5	STA. 42+00.00	179.8	221.1	22	541	541	541
	STA. 43+00.00	33	STA. 45+00.00	33	200	6	134	134	134
	STA. 47+00.00	33	STA. 47+50.00	89.9	66.3	6	45	45	45
	STA. 47+50.00	89.9	STA. 48+00.00	72.9	53.8	6	36	36	36
	STA. 48+00.00	72.9	STA. 48+50.00	48.1	56	6	38	38	38
	STA. 48+50.00	48.1	STA. 49+00.00	38.3	51.1	6	35	35	35
	STA. 49+00.00	38.3	STA. 49+06.30	36.4	6.6	6	5	5	5
	STA. 19+50.00	33	STA. 20+35.87	33	86.1	6	58	58	58
	STA. 20+71.87	33	STA. 26+09.46	33	567.8	6	379	379	379
	STA. 26+49.46	33	STA. 27+69.00	33	119.6	6	80	80	80
	STA. 28+31.00	33	STA. 28+50.00	33	19	6	13	13	13
	STA. 28+50.00	33	STA. 29+00.00	55	55.1	6	37	37	37
	STA. 29+00.00	55	STA. 29+50.00	117.9	80.4	6	54	54	54
	STA. 29+50.00	117.9	STA. 30+00.00	105.1	51.7	6	35	35	35
	STA. 30+00.00	105.1	STA. 30+50.00	60	67.4	6	45	45	45
	STA. 31+00.00	94.2	STA. 31+50.00	112.2	53.2	6	36	36	36
	STA. 31+50.00	112.2	STA. 32+00.00	99.5	51.6	6	35	35	35
	STA. 32+00.00	99.5	STA. 32+50.00	71.1	57.6	6	39	39	39
	STA. 32+50.00	71.1	STA. 33+00.00	70.7	50.1	6	34	34	34
	STA. 33+00.00	70.7	STA. 33+50.00	71.1	50.1	6	34	34	34
STA. 33+50.00	71.1	STA. 34+00.00	70.7	50.1	6	34	34	34	
STA. 34+00.00	70.7	STA. 35+50.00	70.7	150	6	100	100	100	
STA. 35+50.00	70.7	STA. 35+77.00	66.5	27.3	6	19	19	19	
STA. 36+97.00	66.5	STA. 37+00.00	68.5	3.6	6	3	3	3	
STA. 37+00.00	68.5	STA. 37+50.00	66.9	50.2	6	34	34	34	
STA. 37+50.00	66.9	STA. 38+00.00	65	50.3	6	34	34	34	
STA. 38+00.00	65	STA. 38+50.00	63	50.3	6	34	34	34	
STA. 38+50.00	63	STA. 39+00.00	60.9	50.3	6	34	34	34	
STA. 39+00.00	60.9	STA. 39+50.00	59	50.3	6	34	34	34	
STA. 39+50.00	59	STA. 40+00.00	68.5	52.1	6	35	35	35	
STA. 40+00.00	68.5	STA. 40+50.00	65.8	50.3	6	34	34	34	
STA. 40+50.00	65.8	STA. 41+00.00	56	51.2	6	35	35	35	
STA. 41+00.00	56	STA. 41+50.00	48.9	50.8	6	34	34	34	
STA. 41+50.00	48.9	STA. 42+00.00	41.4	51.0	6	35	35	35	
STA. 42+00.00	41.4	STA. 42+50.00	35.3	50.9	6	34	34	34	
STA. 42+50.00	35.3	STA. 43+00.00	33	50.3	6	34	34	34	
STA. 43+00.00	33	STA. 45+00.00	33	200.8	6	134	134	134	
STA. 45+00.00	33	STA. 45+50.00	21.5	51.7	6	35	35	35	
TOTAL							5176	5176	