



BRIDGE ESTIMATED QUANTITIES

<u>Item</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Number</u>	<u>Total</u>
Item 507, Steel Piling, HP10x42, Furnished					
rear abut	95.00	1.00	1.00	10	950 ft
pier 1	50.00	1.00	1.00	27	1350
pier 2	30.00	1.00	1.00	27	810
fwd abut	85.00	1.00	1.00	10	850
					3960 ft.
Item 507, Steel Piling, HP10x42, Driven					
rear abut	90.00	1.00	1.00	10	900 ft
pier 1	45.00	1.00	1.00	27	1215
pier 2	25.00	1.00	1.00	27	675
fwd abut	80.00	1.00	1.00	10	800
					3590 ft.
Item 511, Class QS2 Concrete, Bridge Deck					
deck	338.58	41.33	0.71	1	367 cu. yd.
haunch	338.58	4.08	0.43	5	109
	338.58	1.29	0.43	2	14
pier diaphragm	34.67	1.50	5.10	2	20
abut diaphragm	41.33	3.33	5.90	1	30
	41.33	3.33	5.90	1	30
					570 cu. yd.
Item 511, Class QS2 Concrete, Parapets					
	338.58	4.08	1.00	2	102 cu. yd.
Item 511, Class QS1 Concrete, Abutments including Footings					
footing rear	76.00	3.33	6.13	1	57 cu. yd.
fwd	76.00	3.33	5.35	1	50
wingwalls rear	17.17	2.50	1.10	2	3
	17.17	2.50	4.63	2	15
	17.17	2.50	-4.63	1	-4
fwd	17.17	2.50	2.13	2	7
	17.17	2.50	4.63	2	15
	17.17	2.50	-4.63	1	-7
					136 cu. yd.



<u>Item</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Number</u>	<u>Total</u>
Item 511, Class QS1 Concrete, Piers above Footings					
Pier 1	40.33	5.00	5.10	1	38 cu. yd.
	50.17	19.63	1.00	3	109
Pier 2	40.33	5.00	5.10	1	38
	70.73	19.63	1.00	3	154
					<hr/> 340 cu. yd.
Item 511, Class QS1 Concrete, Footings					
Pier 1	15.00	12.00	3.75	3	75 cu. yd.
Pier 2	19.50	12.00	5.00	3	130
					<hr/> 205 cu. yd.
Item 512, Sealing of Concrete Surfaces (epoxy-urethane)					
deck	338.00	20.85	1.00	2	1566 sq. yd.
abut rear	41.33	1.00	6.80	1	31
	17.17	1.00	7.24	1	14
	17.17	1.00	8.28	1	16
fwd	41.33	1.00	6.03	1	28
	17.17	1.00	7.19	1	14
	17.17	1.00	6.60	1	13
					<hr/> 1681 sq. yd.
Item 515, PCIB Beam Type WF54-49	1.00	1.00	1.00	15	15 ea
Item 515, Intermediate Diaphragms	1.00	1.00	1.00	36	36 ea
Item 516, Armorless Preformed Joint Seal	41.33	1.00	1.00	2	83 ft
Item 516, 1/2" PEJF	41.33	1.00	1.00	2	83 sq ft
Item 516, 1" PEJF	41.33	1.00	1.00	2	83 sq ft
Item 516, 2" PEJF					
	2.50	1.00	5.73	2	29 sq ft
	2.50	1.00	6.75	2	34
					<hr/> 62 sq ft
Item 516, Neoprene Sheeting					
	44.33	1.00	3.00	2	266 sq ft
	3.42	1.00	3.00	4	41
					<hr/> 307 sq ft



<u>Item</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Number</u>	<u>Total</u>
Item 516, Elastomeric Bearings	1.00	1.00	1.00	30	30 each
Item 518, Porous Backfill with filter fabric					
footing rear	76.00	2.00	6.13	1	34 cu. yd.
fwd	76.00	2.00	5.35	1	30
wingwalls rear	17.17	2.00	1.10	2	3
fwd	17.17	2.00	4.13	2	10
fwd	17.17	2.00	-4.13	1	-3
fwd	17.17	2.00	2.13	2	5
fwd	17.17	2.00	4.13	2	10
fwd	17.17	2.00	-4.13	1	-5
diaph rear	41.33	2.00	5.90	1	18
fwd	41.33	2.00	5.90	1	18
					<hr/> 122 cu. yd.
Item 518, 6" Perforated Plastic Pipe	76.00	1.00	1.00	2	152 ft
Item 518, 6" Non-Perforated Plastic Pipe	40.00	1.00	1.00	2	80 ft
Item 526, Approach Slabs	25.00	41.33	1.00	2	230 sq. yd.
					<hr/> 230 sq. yd.
Item 524, Type C Installation	41.33	1.00	1.00	2	83 ft
Item 601, Crushed Aggregate Slope Protection					
rear abut	132.00	47.33	1.00	1	694 sq. yd.
fwd abut	116.50	47.33	1.00	1	613
					<hr/> 1307 sq. yd.
Item 601, Rock Channel Protection, Type C					
rear abut	38.00	47.33	2.00	1	133 cu. yd.
fwd abut	36.00	47.33	2.00	1	126
					<hr/> 259 cu. yd.