



**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, HP12x53, Furnished					
rear abut	95.00	1.00	1.00	18	1710 ft
fwd abut	90.00	1.00	1.00	22	1980
pier 1	50.00	1.00	1.00	36	1800
pier 2	30.00	1.00	1.00	36	1080
					6570 ft.
Item 507, Steel Piling, HP1220x53, Driven					
rear abut	90.00	1.00	1.00	18	1620 ft
fwd abut	85.00	1.00	1.00	22	1870
pier 1	45.00	1.00	1.00	36	1620
pier 2	25.00	1.00	1.00	36	900
					6010 ft.
Item 512, Sealing of Concrete Surfaces (epoxy-urethane)					
left parapet	326.25	22.56	1.00	1	818 sq. yd.
right parapet	323.67	22.56	1.00	1	811
pier 1	55.00	1.00	7.13	2	87
	1.00	5.00	7.13	2	8
	55.00	5.00	1.00	1	31
	-15.71	1.00	1.00	4	-7
	15.71	1.00	35.87	4	250
pier 2	60.00	1.00	7.34	2	98
	1.00	5.00	7.34	2	8
	60.00	5.00	1.00	1	33
	-15.71	1.00	1.00	4	-7
	15.71	1.00	57.12	4	399
rear abutment	83.00	1.00	12.49	1	115
forward abutment	94.83	1.00	12.68	1	134
					2778 sq. yd.
Item 512, Sealing Concrete Deck with HMWM					
	109.25	2.00	1.00	1	24 sq. yd.
	116.00	2.00	1.00	1	26
					50 sq. yd.



<u>Item</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Number</u>	<u>Total</u>
Item 515, PCIB Beam Type 4 (66")	1.00	1.00	1.00	20	20 ea
Item 515, Intermediate Diaphragms	1.00	1.00	1.00	51	51 ea
Item 516, Elastomeric Bearings	1.00	1.00	1.00	40	40 each
Item 516, Strip Seal Expansion Joint					
rear abut	55.00	1.00	1.00	1	55 feet
fwd abut	64.00	1.00	1.00	1	64
					<hr/> 119 feet
Item 518, Porous Backfill with filter fabric					
	83.00	1.00	4.50	1	14 cu. yd.
	94.83	1.00	4.50	1	16
					<hr/> 30 cu. yd.
Item 601, Rock Channel Protection, Type C					
rear abut	3939.79	1.00	2.00	1	292 cu. yd.
fwd abut	4620.06	1.00	2.00	1	342
					<hr/> 634 cu. yd.
Item 601, Crushed Aggregate Slope Protection					
rear abut	9129.16	1.00	1.00	1	1014 cu. yd.
fwd abut	8415.14	1.00	1.00	1	935
					<hr/> 1949 cu. yd.
Item 511, Class QS2 Concrete, Superstructure					
deck	18612 sf	1.00	0.71	1	488 cu. yd.
haunch	100.00	3.00	0.38	6	25
	220.00	3.00	0.42	7	71
	320.00	2.00	0.42	2	20
pier diaphragm	50.75	2.50	6.46	1	30
	55.50	2.50	6.46	1	33
abut diaphragm	49.00	2.00	6.29	1	23
	56.50	2.00	6.42	1	27
					<hr/> 718 cu. yd.
Item 511, Class QS2 Concrete, Parapets					
	323.67	4.08	1.00	1	49 cu. yd.
	326.00	4.08	1.00	1	49
					<hr/> 98 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, Abutments including Footings						
Rear	footing	67.00	7.25	3.00	1	54 cu. yd.
	breastwall	65.00	3.00	4.64	1	33
	wingwalls	83.00	1.75	11.49	1	62
		-11.00	1.75	3.50	0.5	-1
		-12.92	1.75	4.25	0.5	-2
Fwd.	footing	79.00	7.25	3.00	1	64
	breastwall	63.50	3.00	5.02	1	35
	wingwalls	94.75	1.75	11.68	1	72
		-13.50	1.75	4.67	0.5	-2
		-9.33	1.75	6.25	0.5	-2
						313 cu. yd.
Item 511, Class QS1 Concrete, Piers above Footings						
	Pier 1	55.00	5.00	7.13	1	73 cu. yd.
		35.87	19.63	1.00	4	104
	Pier 2	60.00	5.00	7.34	1	82
		57.12	19.63	1.00	4	166
						425 cu. yd.
Item 511, Class QS1 Concrete, Footings						
	Pier 1	14.50	12.00	4.00	4	103 cu. yd.
	Pier 2	17.00	12.00	4.00	4	121
						224 cu. yd.
Item 526, Approach Slabs						
		25.00	53.33	1.00	1	148 sq. yd.
		25.00	60.50	1.00	1	168
						316 sq. yd.
Item 524, Type A Installation						
	rear abut	54.10	1.00	1.00	1	54 feet
	fwd abut	62.24	1.00	1.00	1	62
						116 feet
Item 512, Type 2 Waterproofing						
	rear abutment	83.00	3.00	1.00	1	28 sq. yd.
	forward abutment	94.75	3.00	1.00	1	32
						59 sq. yd.
Item 518, Prefabricated Geocomposite Drain						
	rear abutment	83.00	1.00	10.24	1	94 sq. yd.
	forward abutment	94.75	1.00	10.43	1	110
						204 sq. yd.
Item 518, 6" Perforated Plastic Pipe						
	rear abutment	83.00	1.00	1.00	1	83 ft.
	forward abutment	94.75	1.00	1.00	1	95
						178 ft.