



PROJECT LAW-7-2.17 PROJ. NO. 173608714
 SUBJECT LAW-7-0563 Final Quantities
 COMP BY ms DATE 3/4/2024 CHKD. BY bsm DATE 7/23/2024

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	70.00	1.00	1.00	10	700 ft
fwd abut	55.00	1.00	1.00	10	550
pier 1	30.00	1.00	1.00	24	720
pier 2	30.00	1.00	1.00	24	720
					2690 ft.
Item 507, Steel Piling, HP12x53, Driven					
rear abut	65.00	1.00	1.00	10	650 ft
fwd abut	50.00	1.00	1.00	10	500
pier 1	25.00	1.00	1.00	24	600
pier 2	25.00	1.00	1.00	24	600
					2350 ft.
Item 511, Class QS2 Concrete, Bridge Deck					
deck	263.00	45.33	0.71	1	313 cu. yd.
haunch	263.00	3.00	0.32	5	47
	323.75	2.17	0.32	2	17
pier diaphragm	9.14	2.00	5.42	8	29
abut diaphragm	9.14	3.50	6.48	8	61
					467 cu. yd.
Item 511, Class QS2 Concrete, Parapets	263.00	4.08	1.00	2	80 cu. yd.
Item 511, Class QS1 Concrete, Piers above Footings					
Pier 1	42.50	4.50	5.17	1	37 cu. yd.
	34.58	9.62	1.00	3	37
Pier 2	42.50	4.50	5.22	1	37
	32.71	9.62	1.00	3	35
					146 cu. yd.
Item 511, Class QS1 Concrete, Abutments including Footings					
footing	74.00	3.50	5.00	2	96 cu. yd.
wingwalls	12.75	3.50	1.75	2	6
	12.75	3.50	5.57	2	18
	13.42	3.50	1.75	2	6
	13.42	3.50	5.53	2	19
					145 cu. yd.
Item 511, Class QS1 Concrete, Footings					
Pier 1	12.00	12.00	4.00	3	64 cu. yd.
Pier 2	12.00	12.00	4.00	3	64
					128 cu. yd.



PROJECT LAW-7-2.17 PROJ. NO. 173608714
 SUBJECT LAW-7-0563 Final Quantities
 COMP BY ms DATE 3/4/2024 CHKD. BY bsm DATE 7/23/2024

<u>Item</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Number</u>	<u>Total</u>
Item 512, Sealing of Concrete Surfaces (epoxy-urethane)					
deck	263.00	21.19	1.00	2	1238 sq. yd.
piers	42.50	1.00	5.19	4	98
	11.00	1.00	21.58	3	79
	11.00	1.00	26.21	3	96
	42.50	1.00	4.50	2	43
	9.62	1.00	1.00	-6	-6
abutments	47.67	1.00	6.31	2	67
wingwalls	12.75	1.00	7.42	2	21
	13.42	1.00	7.42	2	22
					1658 sq. yd.
Item 512, Sealing Concrete Deck with HMWM					
	42.65	2.00	1.00	4	38 sq. yd.
Item 515, PCIB Beam Type 4 (66")					
	1.00	1.00	1.00	15	15 ea
Item 515, Intermediate Diaphragms					
	1.00	1.00	1.00	36	36 ea
Item 516, Elastomeric Bearings					
Abutments	1.00	1.00	1.00	10	10 each
Piers	1.00	1.00	1.00	20	20 each
Item 516, 1" PEJF					
abut	3.50	1.00	7.42	4	104 sq. ft.
deck	1.00	4.08	1.00	4	16
					120 sq. ft.
Item 516, Scuppers					
	1.00	1.00	1.00	2	2 ea.
Item 516, Integral Abutment Expansion Joint Seal					
	47.67	1.00	1.00	2	95 ft
	5.56	1.00	1.00	4	22
					118 ft
Item 518, 6" Perforated Plastic Pipe					
	74.00	1.00	1.00	2	148 ft.
Item 518, 6" Non-Perforated Plastic Pipe					
	25.00	1.00	1.00	2	50 ft.



PROJECT LAW-7-2.17 PROJ. NO. 173608714
SUBJECT LAW-7-0563 Final Quantities
COMP BY ms DATE 3/4/2024 CHKD. BY bsm DATE 7/23/2024

<u>Item</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Number</u>	<u>Total</u>
Item 518, Porous Backfill with filter fabric					
	74.00	2.00	5.00	2	55 cu. yd.
	12.75	2.00	1.75	2	3
	12.75	2.00	4.07	2	8
	13.42	2.00	1.75	2	3
	13.42	2.00	4.03	2	8
	47.67	2.00	5.94	2	42
					<hr/> 119 cu. yd.
Item 526, Approach Slabs					
	25.00	42.00	1.00	2	233 sq. yd.
	14.50	1.50	1.00	4	10
					243 sq. yd.
Item 526, Type A Installation					
rear	42.65	1.00	1.00	1	43 ft.
forward	42.65	1.00	1.00	1	43
					85 ft
Item 601, Rock Channel Protection abutments					
	16678.00	1.00	2.50	1	1544 cu. yd.