

TRANSMITTAL MEMORANDUM 04-01

MEMO TO: Design Consultants & Division of Bridge Design  
FROM: Allan W. Frank, Acting Director  
Division of Bridge Design  
DATE: January 29, 2004  
SUBJECT: Unit Prices for Preparing 2004  
Structure Cost Estimates

Attached is a list of unit prices for items commonly used in structures. This 2004 Unit Price List is to be used for the preparation of structure estimates until the next update.

Drilled shaft unit prices are listed for information only. Drilled shaft contractors may provide more realistic prices for site-specific conditions.

Please address any questions to this office.

AWF/rrm

Attachments

**UNIT PRICES FOR PREPARING STRUCTURE COST ESTIMATES IN 2004**

<b>CODE</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>PRICE</b>
1	DGA Base	Tons	\$16.30
2231	Structure Granular Backfill	Cu Yd	\$35.00
2355	Guardrail Steel W Beam-S Face A	Lin Ft	\$25.00
2403	Remove Concrete Masonry	Cu Yd	\$275.00
2596	Fabric - Geotextile Type I	Sq Yd	\$2.00
2597	Fabric - Geotextile Type II	Sq Yd	\$2.80
2598	Fabric - Geotextile Type III	Sq Yd	\$1.25
2599	Fabric - Geotextile Type IV	Sq Yd	\$1.40
2998	Masonry Coating	Sq Yd	\$8.25
8001	Structure Excavation (Common)	Cu Yd	\$15.00
8002	Structure Excavation (Solid Rock)	Cu Yd	\$37.00
8016	Reinforced Concrete Slope Wall 6"/150 mm	Sq Yd	\$45.00
8018	Retaining Wall	Sq Ft	\$45.00
8019	Cyclopean Stone Rip Rap	Tons	\$22.00
8020	Crushed Aggregate Slope Protection	Tons	\$20.00
8033	Test Pile	Lin Ft	\$38.00
8046	Piles Steel (HP 12 x 53)/(HP 310 x 79)	Lin Ft	\$29.00
8050	Piles Steel (HP 14 x 73)/(HP 360 x 108)	Lin Ft	\$30.00
8051	Piles Steel (HP 14 x 89)/(HP 360 x 132)	Lin Ft	\$33.00
8060	Piles - Precast Concrete 14"/355 mm	Lin Ft	\$37.00
8094	Pile Points 12"/310 mm	Each	\$90.00
8095	Pile Points 14"/360 mm	Each	\$105.00
8100	Concrete Class "A"	Cu Yd	\$340.00
8104	Concrete Class "AA"	Cu Yd	\$430.00
8105	Concrete Class "AAA"	Cu Yd	\$450.00
8150	Steel Reinforcement	Lbs	\$0.57
8151	Steel Reinforcement Epoxy Coated	Lbs	\$0.64
8160	Structural Steel (Steel Superstructure)	Lbs *	\$1.08
8160	Structural Steel (Armored Edges, Drains, etc.)	Lbs *	\$3.00
8469	Expansion Dam 1 1/2"/40 mm Neoprene	Lin Ft	\$120.00
8470	Expansion Dam 2"/50 mm Neoprene	Lin Ft	\$120.00
8471	Expansion Dam 2 1/2"/60 mm Neoprene	Lin Ft	\$140.00
8472	Expansion Dam 4"/100 mm Neoprene	Lin Ft	\$200.00
8475	Expansion Dam 1 1/2"/40 mm Silicone	Lin Ft	\$100.00
8500	Approach Slab	Sq Yd	\$140.00
8526	Concrete Class "AA" Full Depth Patch	Cu Yd	\$275.00
8534	Concrete Overlay - Latex	Cu Yd	\$1,000.00
8535	Concrete Overlay - Portland Cement	Cu Yd	\$1,000.00
8549	Blast Cleaning	Sq Yd	\$6.50
8551	Machine Prep of Existing Slab	Sq Yd	\$11.00
8632	Precast PCI-Beam Type II/Type 2 (915 mm)	Lin Ft	\$90.00
8633	Precast PCI-Beam Type III/Type 3 (1145 mm)	Lin Ft	\$115.00
8634	Precast PCI-Beam Type IV/Type 4 (1370 mm)	Lin Ft	\$150.00
8636	Precast PCI-Beam 60"/Type 5 (1525 mm)	Lin Ft	\$180.00
8635	Precast PCI-Beam 66"/Type 6 (1675 mm)	Lin Ft	\$190.00
8637	Precast PCI-Beam 72"/Type 7 (1830 mm)	Lin Ft	\$195.00
8638	Precast PCI-Beam 78"/Type 8 (1980 mm)	Lin Ft	\$200.00
8639	Precast PCI-Beam 84"/Type 9 (2135 mm)	Lin Ft	\$205.00

\* Bid Item Unit is L.S.

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<b>CODE</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>PRICE</b>
8651	Precast PC Box Beam, B 12-48/B 305	Lin Ft	\$140.00
8652	Precast PC Box Beam, B 17-48/B 430	Lin Ft	\$150.00
8653	Precast PC Box Beam, B 21-48/B 535	Lin Ft	\$150.00
8654	Precast PC Box Beam, B 27-48/B 685	Lin Ft	\$165.00
8655	Precast PC Box Beam, B 33-48/B 840	Lin Ft	\$195.00
8656	Precast PC Box Beam, B 42-48/B 1065	Lin Ft	\$200.00
8661	Precast PC Box Beam, CB 12-48/CB 305	Lin Ft	\$150.00
8662	Precast PC Box Beam, CB 17-48/CB 430	Lin Ft	\$150.00
8663	Precast PC Box Beam, CB 21-48/CB 535	Lin Ft	\$150.00
8664	Precast PC Box Beam, CB 27-48/CB 685	Lin Ft	\$165.00
8665	Precast PC Box Beam, CB 33-48/CB 840	Lin Ft	\$195.00
8666	Precast PC Box Beam, CB 42-48/CB 1065	Lin Ft	\$200.00
8667	Spread Precast PC Box Beam, SB 12-48/SB 305	Lin Ft	\$180.00
8668	Spread Precast PC Box Beam, SB 17-48/SB 430	Lin Ft	\$150.00
8669	Spread Precast PC Box Beam, SB 21-48/SB 535	Lin Ft	\$150.00
8670	Spread Precast PC Box Beam, SB 27-48/SB 685	Lin Ft	\$165.00
8671	Spread Precast PC Box Beam, SB 33-48/SB 840	Lin Ft	\$175.00
8672	Spread Precast PC Box Beam, SB 42-48/SB 1065	Lin Ft	\$200.00
8710	Chain Link Fence 4 Ft./1.2 M	Lin Ft	\$20.00
8711	Chain Link Fence 6 Ft./1.8 M	Lin Ft	\$25.00
8709	Chain Link Fence 7 Ft./2.1 M	Lin Ft	\$30.00
8712	Chain Link Fence 8 Ft./2.4 M	Lin Ft	\$35.00
8713	Chain Link Fence 9 Ft./2.7 m	Lin Ft	\$40.00
8714	Chain Link Fence 10 Ft./3.0 m	Lin Ft	\$45.00
8801	Guardrail-Steel W BM-S Face BR	Lin Ft	\$85.00
8820	Drain Pipe 6"/150 mm	Lin Ft	\$60.00
8821	Drain Pipe 8"/200 mm	Lin Ft	\$65.00
	Drilled Shaft - 36"/910 mm, Common	Lin Ft	\$125.00
	Drilled Shaft - 36"/910 mm, Rock	Lin Ft	\$250.00
	Drilled Shaft - 48"/1220 mm, Common	Lin Ft	\$350.00
	Drilled Shaft - 48"/1220 mm, Rock	Lin Ft	\$700.00
	Drilled Shaft - 54"/1372 mm, Common	Lin Ft	\$425.00
	Drilled Shaft - 54"/1372 mm, Rock	Lin Ft	\$750.00
	Drilled Shaft - 60"/1520 mm, Common	Lin Ft	\$600.00
	Drilled Shaft - 60"/1520 mm, Rock	Lin Ft	\$1,100.00
	Drilled Shaft - 72"/1830 mm, Common	Lin Ft	\$700.00
	Drilled Shaft - 72"/1830 mm, Rock	Lin Ft	\$1,550.00
	Drilled Shaft - 84"/2130 mm, Common	Lin Ft	\$1,250.00
	Drilled Shaft - 84"/2130 mm, Rock	Lin Ft	\$2,200.00
	Drilled Shaft - 96"/2440 mm, Common	Lin Ft	\$1,600.00
	Drilled Shaft - 96"/2440 mm, Rock	Lin Ft	\$2,800.00

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