

ITEM 05563.97 M - BRIDGE

DESCRIPTION:

All work required by the following specifications for the construction of the bridge shown on the contract plans:

<u>Item Description:</u>	<u>Specification Item No.</u>
Footing Concrete, Class A (No Concrete Class Substitutions Permitted, Except Class H Where Footing is 1m Thick or Less)	555.0104M
Concrete for Structures, Class A	555.0105M
Uncoated Bar Reinforcement for Concrete Structures	556.0201M
Epoxy Coated Bar Reinforcement for Structures	556.0202M
Superstructure Slab with Integral Wearing Surface, Bottom Formwork Not Required	18557.0596M
Structural Approach Slab with Integral Wearing Surface	18557.2096M
Transverse Sawcut Grooving of Structural Slab Surface	558.01M
Protective Sealing of Structural Concrete for New Bridge Decks	18559.1896M
Prestressed Concrete Hollow Slab Units	563.03M
Type EL Bearings (0 to 450 kN)	565.1901M
Steel Bridge Railing (Four Rail)	568.11M
Cement Mortar Pads	568.32M
Transition - Bridge Rail or Concrete Barrier to Box Beam Guide Rail	16606.80M

MATERIALS AND CONSTRUCTIONS DETAILS:

All materials and construction details shall meet the requirements of the specified work items.

METHOD OF MEASUREMENT:

Payment will be made at the lump sum price bid for this work. Quantity estimates shown on the plans are for information only.

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BASIS OF PAYMENT:

The bid price shall include the cost of furnishing all labor, materials and equipment necessary to complete the work. Progress payments shall be made according to the amount of work completed as determined by the Engineer. Progress payments for the various bridge components shall not exceed the following:

Completion of substructure work up to and including the bridge seat shall comprise 20% of this Item:

5% for each abutment for each stage

Completion of superstructure placement including type EL bearings and backwall placement shall comprise 40% of this item:

18% for Stage 1

22% for Stage 2

Completion of deck forming system and placement of reinforcing bars shall comprise 10% of this item:

4% for Stage 1

6% for Stage 2

Completion of deck placement, approach slab placement and curing shall comprise 15% of this item:

7% for Stage 1

8% for Stage 2

Completion of railing placement, transverse grooving, protective sealing and all other remaining work under this item shall comprise 15% of this item:

7% for Stage 1

8% for Stage 2