

ITEM 15606.30XX M - SINGLE-SLOPE CONCRETE HALF SECTION BARRIER AND SINGLE-SLOPE CONCRETE BARRIER FOR USE TO THE RIGHT OF TRAFFIC

DESCRIPTION. Under this work the Contractor shall construct a single-slope concrete barrier of the type specified in the contract documents. The barrier shall be constructed in accordance with these specifications, the details shown in the contract documents, and to the lines and grades shown in the contract documents or as established by the Engineer.

MATERIALS. The materials for Single-Slope Concrete Half Section Barrier and Single-Slope Concrete Barrier For Use to the Right of Traffic shall conform to the requirements of the following:

- A. Precast Single-Slope Concrete Half Section Barrier and Single-Slope concrete Barrier For Use To the Right of Traffic. The requirements of §704-05 of the Standard Specifications shall apply except that the minimum cover for the reinforcing specified under "**Fabrication**" shall be 50 mm.
- B. Cast-in-Place Single-Slope Concrete Half Section Barrier and Single-Slope concrete Barrier For Use To the Right of Traffic. The concrete shall conform to the requirements for Class A Concrete in 501, Portland Cement Concrete - General, and the requirements of the following subsections of §700 - Materials:
- C. Machine Formed Single-Slope Concrete Half Section Barrier and Single-Slope Concrete Barrier for Use to the Right of Traffic. The concrete shall conform to the requirements for Class I Concrete in 501, Portland Cement Concrete - General, and the requirements of the following subsections of §700 - Materials:

Premoulded Resilient Joint Filler	705-07
Wire Fabric for Concrete Reinforcement	709-02
Epoxy Coated Bar Reinforcement, Grade 60	709-04

Premoulded Resilient Joint Filler	705-07
Epoxy Coated Bar Reinforcement, Grade 60	709-04

CONSTRUCTION DETAILS. Single-Slope Concrete Half Section Barrier and Single-Slope Concrete Barrier for Use to the Right of Traffic of the type specified shall be erected in accordance with the plans and these specifications. If optional Single-Slope Concrete barrier is specified the Contractor shall provide precast cast-in-place, or machine formed barriers. However, no intermixing in any run of barrier will be permitted unless shown otherwise in the contract documents.

- A. Precast Single-Slope Concrete Half Section Barrier and Single-Slope Concrete for Use to the Right of Traffic. The requirements of 606-3.05A "Precast Concrete Median Barrier" shall apply.

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- B. Cast-in-Place Single-Slope Concrete Half Section Barrier and Single-Slope Concrete Barrier for Use to the Right of Traffic. The requirements of 606-3.05B "Cast-in-Place Concrete Median Barrier" shall apply.
- C. Machine Formed Single-Slope Concrete Half Section Barrier and Single-Slope Concrete Barrier for Use to the Right of Traffic. The requirements of 606-3.05C "Machine Formed Concrete Median Barrier" shall apply.

METHOD OF MEASUREMENT. Single-Slope Concrete Half Section Barrier and Single-Slope Concrete Barrier for Use to the Right of Traffic will be measured by the number of meters of barrier constructed in accordance with the plans, specifications, and as directed by the Engineer. The measurement will be taken along the axis of the barrier between its extreme outer limits, unless otherwise indicated in the concrete documents.

BASIS OF PAYMENT. The unit price bid per meter of Single-Slope Concrete Half Section Barrier and Single-Slope Concrete Barrier for Use to the Right of Traffic shall include the cost of all labor, materials and equipment necessary to satisfactorily complete the work.

Payment will be made under **Standard spec book pay**

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
15606.3041 M	Single-Slope Concrete Half Section Barrier(Optional)	Meter
15606.3042 M	Single-Slope Concrete Half Section Barrier (Precast)	Meter
15606.3043 M	Single-Slope Concrete Half Section Barrier (Cast-in-Place)	Meter
15606.3044 M	Single-Slope Concrete Half Section Barrier (Machine Formed)	Meter
15606.3045 M	Full section Concrete Barrier For Use to the Right of Traffic (Optional)	Meter
15606.3046 M	Full Section Concrete Barrier For Use to the Right of Traffic (Precast)	Meter
15606.3047 M	Full Section Concrete Barrier For Use to the Right of Traffic (Cast-in-Place)	Meter
15606.3048 M	Full Section Concrete Barrier For Use to the Right of Traffic (Machine Formed)	Meter