

Section 438—Precast Concrete Header Curb

438.1 General Description

This work includes furnishing and installing precast concrete header curb according to the Plans.

438.1.01 Definitions

General Provisions 101 through 150.

438.1.02 Related References

A. Standard Specifications

[Section 441—Miscellaneous Concrete](#)

[Section 500—Concrete Structures](#)

[Section 853—Reinforcement and Tensioning Steel](#)

[Section 866—Precast Concrete Catch Basin, Drop Inlet, and Manhole Units](#)

B. Referenced Documents

General Provisions 101 through 150.

438.1.03 Submittals

General Provisions 101 through 150.

438.2 Materials

Use concrete materials that meet the requirements of [Section 500](#), Class AA-1, air entrained, and the following Specifications:

Reinforcing and Tensioning Steel	853.2.01
Dowel Bars and Tie Bars	853.2.08

Ensure that the manufacture and testing of concrete cylinders meet the requirements of [Section 866](#), as applicable.

438.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

438.3 Construction Requirements

438.3.01 Personnel

General Provisions 101 through 150.

438.3.02 Equipment

General Provisions 101 through 150.

438.3.03 Preparation

General Provisions 101 through 150.

438.3.04 Fabrication

General Provisions 101 through 150.

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438.3.05 Construction

A. Excavation

Excavate the subgrade to the required grade and cross section shown on the Plans or as directed by the Engineer.

Remove unsuitable material in the subgrade and backfill as necessary.

B. Precast Concrete Header Curb

Use precast concrete header curb as an alternate for granite curb when specified in the Plans.

1. Do not use it with existing or required granite curb, unless shown on the Plans or directed by the Engineer.
2. Make precast header curb in tangent sections only.
3. Pour curbed portions in place according to [Section 441](#). Provide dowels or dowel holes in poured-in-place portions for tying in precast sections.
4. Ensure that precast sections conform to the dimensions and details on the Plans.

438.3.06 Quality Acceptance

General Provisions 101 through 150.

438.3.07 Contractor Warranty and Maintenance

General Provisions 101 through 150.

438.4 Measurement

Precast concrete header curb complete in place is measured per linear foot (meter). Excavation and backfill are not measured separately for payment.

438.4.01 Limits

General Provisions 101 through 150.

438.5 Payment

This Item measured for payment includes the required excavation, backfill, and incidentals to complete the Item.

Payment will be made under:

Item No. 438	Precast concrete header curb [height] in (mm)	Per linear foot (meter)
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438.5.01 Adjustments

General Provisions 101 through 150.