

## Section 438—Precast Concrete Header Curb

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### 438.1 General Description

General Provisions 101 through 150.

#### 438.1.01 Definitions

General Provisions 101 through 150.

#### 438.1.02 Related References

##### A. Standard Specifications

[Section 430—Portland Cement Concrete Pavement](#)

[Section 441—Miscellaneous Concrete](#)

[Section 500—Concrete Structures](#)

[Section 511—Reinforcement Steel](#)

##### B. Referenced Documents

[SOP 19—Inspection of Concrete Pipe, Precast Manhole and Miscellaneous Precast Products](#)

[QPL 4](#)

#### 438.1.03 Submittals

General Provisions 101 through 150.

### 438.2 Materials

#### A. Concrete Materials

The cement, coarse and fine aggregate, and water will normally be sampled and tested as a part of the material used in the specific class of concrete under other Pay Items. No additional testing will be necessary for those materials under this item. Documentation must be made in the Project Diary to substantiate sampling and testing these materials. Where they are not sampled and tested under a separate Pay Item, handle them as outlined in [Section 430](#) or [Section 500](#) of the Sampling, Testing, and Inspection information depending on the type of concrete being used.

#### B. Steel Reinforcement

Steel reinforcement shall be handled as outlined in [Section 511](#) of the Sampling, Testing, and Inspection information.

#### C. Dowel Bars and Tie Bars

An acceptance sample consisting of two bars shall be taken from each shipment and submitted to the [Office of Materials and Research](#).

The [Office of Materials and Research](#) will distribute test reports. No report is necessary, but documentation must be made in the Project Diary or as required by the Project Record Procedures Book. If, however, the Engineer has not received a test report within 10 calendar days from the receipt of the dowel bars and tie bars, contact the [Office of Materials and Research](#) immediately.

#### D. Precast Curbs

Precast Concrete Header Curbs received on the Project are stamped according to Class A Plants, Certification and Quality Control Program.

The program is described in the [Standard Operating Procedure 19](#). Each Class A plant is required to submit a quality control program.

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Precast Concrete Header Curbs are acceptable if they meet the following requirements:

- The units are produced at one of the certified plants listed on [QPL 4](#).
- The units bear the official plant stamp as indicated on [QPL 4](#).
- An acceptable signed shipment report-Form 619.

The Engineer is not required to acknowledge receipt of acceptable units from approved Class A Plants. Approved Class A Plants will submit Form 619 directly to the [Office of Materials and Research](#) for each shipment of material.

If the Engineer finds any member damaged during shipment that is not acceptable, the Engineer shall reject the damaged member and ensure that it is not incorporated into the work.

### **438.2.01 Delivery, Storage, and Handling**

General Provisions 101 through 150.

## **438.3 Construction Requirements**

General Provisions 101 through 150.

### **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.

### **438.3.05 Construction**

General Provisions 101 through 150.

### **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**

General Provisions 101 through 150.

### **438.4.01 Limits**

General Provisions 101 through 150.

## **438.5 Payment**

General Provisions 101 through 150.

### **438.5.01 Adjustments**

General Provisions 101 through 150.