GENERAL NOTES:

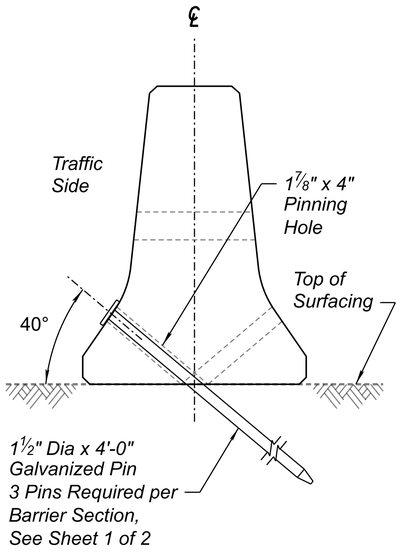
1. Temporary concrete barrier shall be precast concrete barrier with pin and loop assembly. Conforming to these drawings, the Standard Specifications or Project Special Provisions.
2. All metal reinforcing shall be 2 inches clear of nearest face of concrete unless otherwise shown.
3. Chamfer top, bottom and both ends.
4. Install type BM-1, BM-2 or BM-3 barrier markers at 20 ft spacing. See Std Dwgs M-32 & M-33.
5. Normal use of precast barrier units is restricted to curvatures with radii greater than 771 feet.
6. Maximum chord length for curves with a 1,427 ft radius or less, shall be 12'-6". Maximum chord length for curves with radii exceeding 1,427 feet, shall be 25 feet.
7. When scuppers are not required, plug them with 2 inches of grout, minimum.
8. Concrete grouting of scuppers shall be non-shrinking, weak in strength and of thick consistency.
9. The surface upon which the temporary barrier is placed should have no greater than 10:1 slope in any direction.
10. To assure proper drainage, material should not be stockpiled against the back of the concrete barrier.
11. For layout and crash cushions, where needed, see project plans or special provisions.

PIN NOTES:

1. Washers shall be forged as an integral part of the pin, or shall be welded as shown.
2. Pins shall be galvanized after fabrication according to ASTM A153.
3. Pins that conform to critical dimensions, (pin length & dia, washer dia & thickness), are acceptable if an approved top configuration for lifting the pin is provided.
4. Pins, nuts and washers shall conform to ASTM A449.
5. To facilitate pin removal, thread hex nut halfway onto the pin and tack weld or provide a coupling nut, tightened sufficiently to prevent loosening. Fill nut with grease to exclude ice or other contaminants.
6. Concrete grout over pins and pinning holes shall be non-shrinking, weak in strength, and of thick consistency.

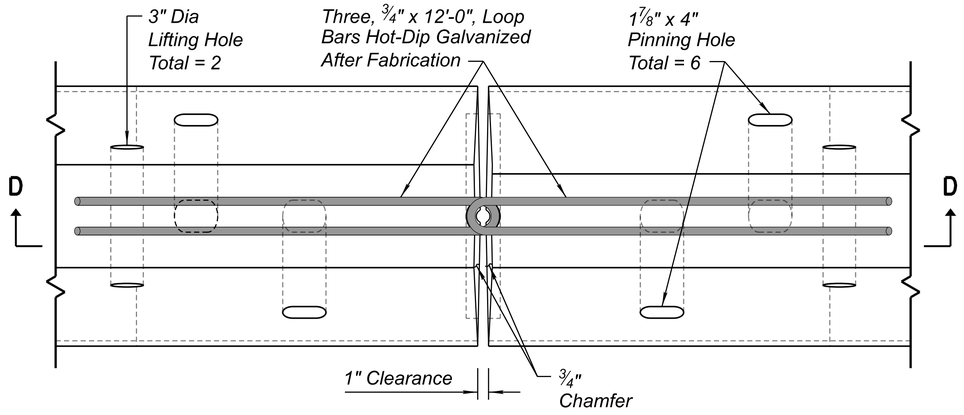
PRECAST NOTE:

1. Concrete 28 day design strength of f'c = 4000 psi welded wire fabric shall conform to the requirements of AASHTO M55.



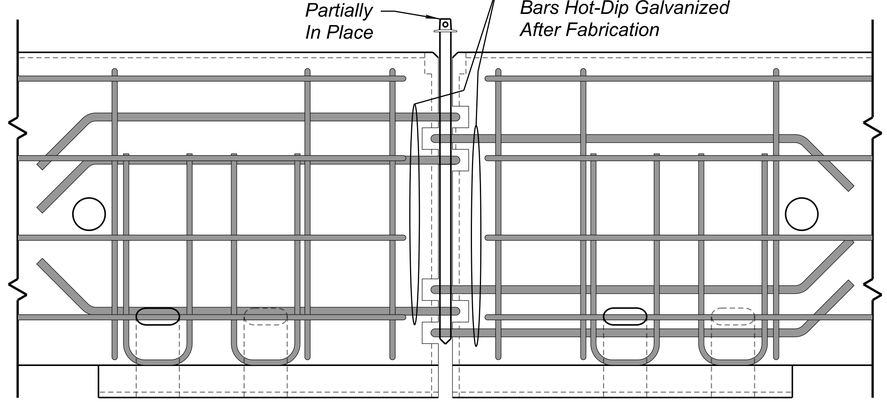
PINNING CONCRETE BARRIER TO ROADWAY DETAIL

Use When Required by Plans or as Directed



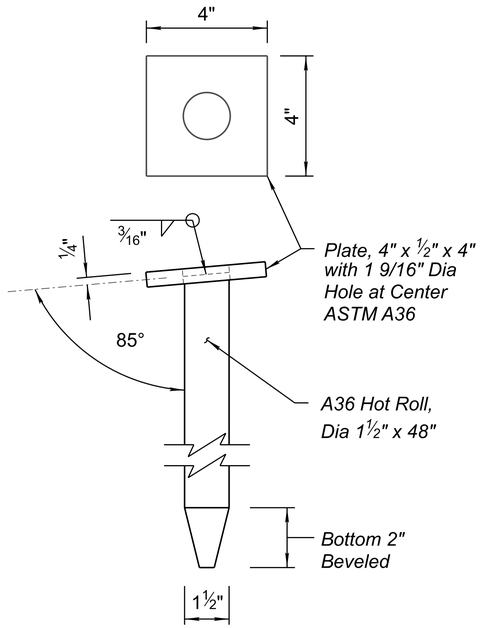
PLAN

For Details Not Shown, See End Views, Sections "A-A", "B-B" & "C-C", Sheet 1 of 2



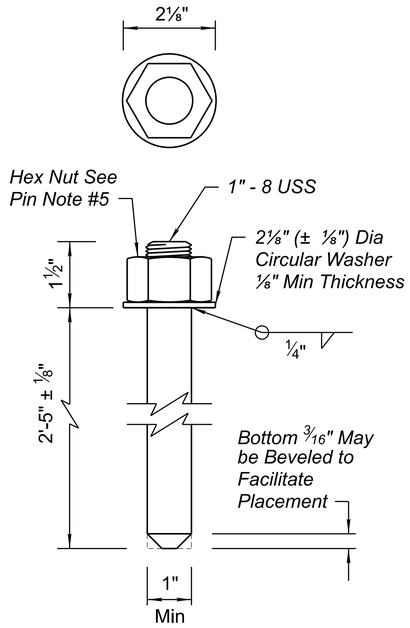
SECTION D-D

For Details Not Shown, See End Views, Sections "A-A", "B-B" & "C-C", Sheet 1 of 2



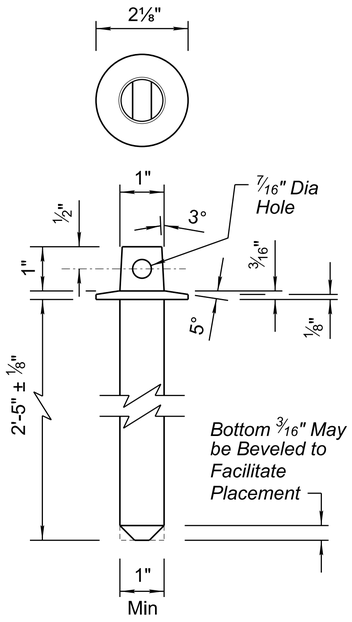
ANCHOR PIN DETAIL

Galvanize Pin After Fabrication



CONNECTOR PIN DETAIL

Galvanize Pin After Fabrication



ALTERNATE CONNECTOR PIN DETAIL

Galvanize Pin After Fabrication

Note to Designer:
The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability by a licensed professional engineer. Contents within the inner border lines shall not be altered.

PRIOR DISTRIBUTION DATE	ORIGINAL ISSUE

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STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION DRAFT 07/2026 DATE	DRAWING NO. C-3 Sheet 4 of 4