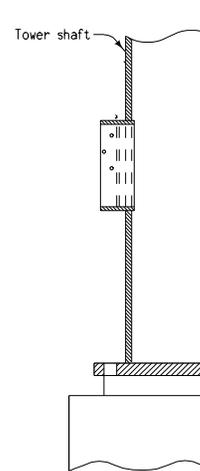
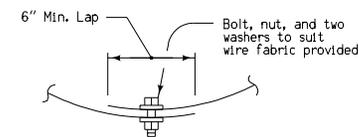


SECTION A-A ②



SECTION B-B



WIRE FABRIC CLOSURE DETAIL ③

GENERAL NOTES:

The details indicated hereon are typical for a lighting tower. Alternate designs may be submitted to the Engineer for approval.

Refer to project plans for Location, Circuitry, and other details.

To insure correct alignment, the portion of the anchor bolt assembly to be embedded in the foundation shall be securely braced against distortion. A steel template, minimum 3/8 inch thick, shall also be provided for the portion of the anchor bolt assembly above the foundation. No welding is allowed to attach the bracing and the template to the anchor bolt assembly.

The handhole shall be gasketed to make waterproof.

Method of Measurement and Basis of Payment shall be in accordance with Section 2523 of the current Standard and Supplemental Specifications.

- ① Minimum number of six (6) anchor bolts equally spaced shall be used for all poles.
- ② Tower may be fabricated with circular or polygonal cross-section.
- ③ Wire fabric material to comply with Materials I.M. 443.01: Rodent Guard, Expanded Metal. Wire fabric shall be placed around anchor bolt circle between concrete footing and base plate.

HARDWARE CLASSIFICATION				
Bolt Size	Bolt Grade	Nuts	Washers	Galvanizing
1" - 4" Full Length Galvanized Zinc Coated	ASTM F-1554 Grade 105 Zinc Coated	ASTM A-563-DH Zinc Coated	ASTM F-436 Zinc Coated	ASTM A-153 Class C

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RM-44

REVISION: Add HARDWARE table; delete General Notes.

REVISION NO. 2

REVISION DATE 10-02-01

APPROVED BY: *William J. Allen*
DESIGN/METHODS ENGINEER

LIGHTING TOWER