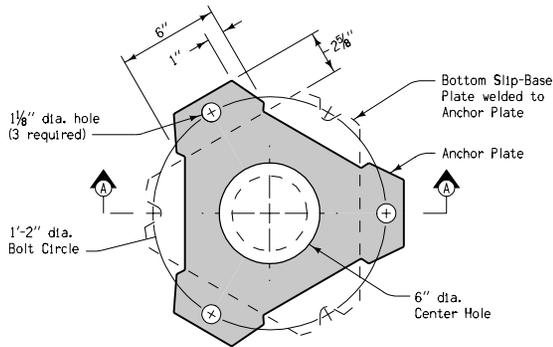
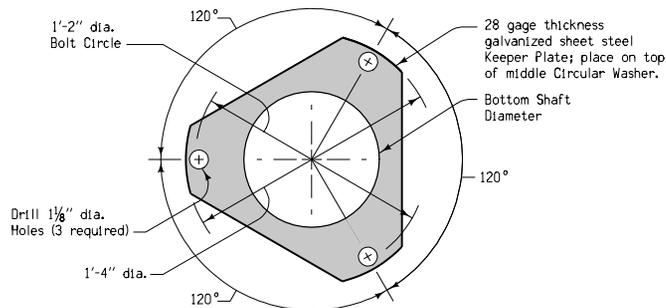


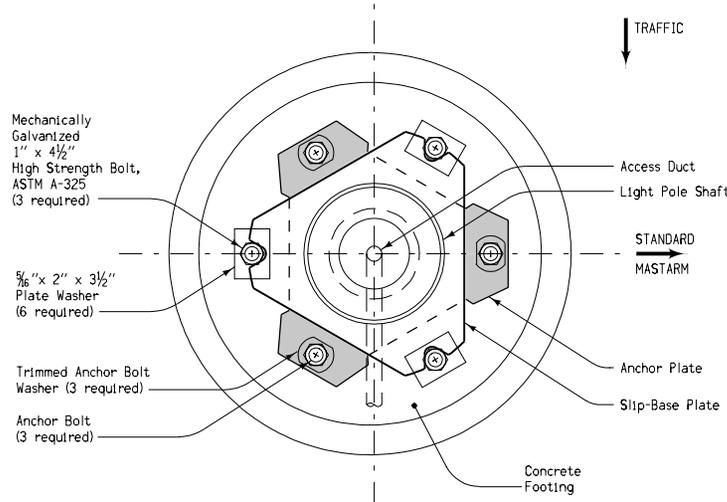
DETAILS OF SLIP-BASE PLATE



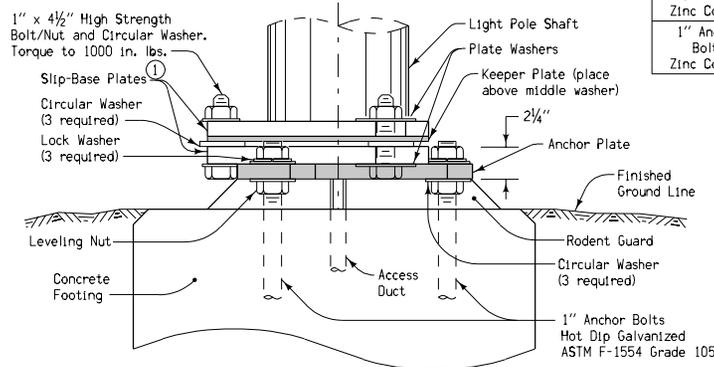
DETAILS OF ANCHOR PLATE



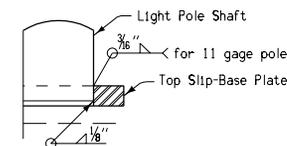
DETAILS OF KEEPER PLATE



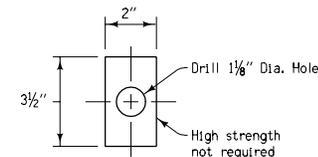
PLAN



ELEVATION TYPICAL INSTALLATION



TYPICAL HALF SECTION 'B'



DETAILS OF 5/16" THICK PLATE WASHER

GENERAL NOTES:

The details indicated hereon are typical of the slip-base for light poles. Alternate designs may be submitted to the Engineer for approval.

Refer to appropriate Standard Road Plans and project plans for additional details.

It shall be the Contractor's responsibility to verify indicated details by field measurements and to make any adjustments necessary to ensure compliance with the slip-base design.

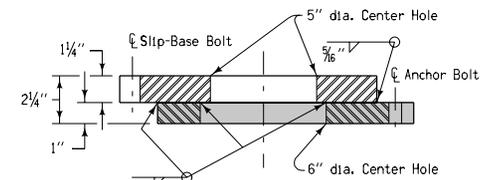
All slip-base poles shall be equipped with shaft handholes as described in the Standard and Supplemental Specifications.

A rodent guard shall be placed between the concrete footing and the anchor plate, see Materials IM 443.01

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

① The top Slip-Base Plate shall be positioned to clear all Anchor Bolts.

HARDWARE CLASSIFICATION				
Bolt Size	Bolt Grade	Nuts	Washers	Galvanizing
1" x 4 1/2" Zinc Coated	ASTM A-325 Zinc Coated	ASTM A-563-DH Zinc Coated	ASTM F-436 Zinc Coated	ASTM B-695 Class C-Type 1
1" Anchor Bolts 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



SECTION A-A ANCHOR PLATE

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RM-46

REVISION: Removed ASTM A 687. REVISION NO. 3

APPROVED BY: *William J. Stein*
DESIGN/METHODS ENGINEER REVISION DATE 10-02-01

DETAILS OF SLIP-BASE FOR LIGHT POLES (3 ANCHOR BOLT PATTERN)