**Standard Drawing No.**

**Mailboxes**

**Type A Assembly Fasteners Table**

<table>
<thead>
<tr>
<th>Size &amp; Type</th>
<th>Washer</th>
<th>Nut</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot; x 1&quot; Phillips Head Bolts (Per Mailbox)</td>
<td>4 Min.</td>
<td>8 Min.</td>
</tr>
<tr>
<td>5/16&quot; x 3/4&quot; Hex Bolt (Bracket)</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>5/16&quot; x 3/8&quot; Hex Bolt (Steel Tube Post Only)</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>5/16&quot; x 1/2&quot; Hex Bolt (Wood Post Only)</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>1/2&quot; x 1/2&quot; Hex Bolt (Flanged U-Channel Post Only)</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>

**Mailbox Bracket (See Mailbox Bracket Detail, Typ.)**

**Additional Washers as Needed to Fill Gap**

**Direction of Travel**

**Anti-Twist Plate Assembly (See Anti-Twist Plate Detail)**

**Mailbox Size 1, 1A, 2**

**Mailbox - Size 1, 1A, or 2**

**2" Muffler Clamp Washers, and Nut**

**Bolted Assembly**

**Muffler Clamp Assembly**

**Mailbox Bracket Detail, Typ.**

**Mailbox Elevation Detail**

**Platform (See Platform Detail) and Mailbox, Platform, and Shelf Table**

**Galvanized Steel Post**

**2" MAX. O.D., 14 GAUGE**

**4" x 4" Wood Post**

**Additional Washers as Needed to Fill Gap**

**Steel Tube Post**

**Anti-Twist Plate Detail**

**2" Washer**

**Anti-Twist Plate Assembly**

**Bolt and Nut (Typ.)**

**Bracket Detail, Typ.**

**Platform and Shelf Table**

**Wood Post**

**4" x 4"**

**Anti-Twist Plate Assembly (Typ.)**

**Washer**

**2" Muffler Clamp Washers, and Nut**

**Locknut**

**2" Muffler Clamp Assembly**

**Steel Tube Post**

**Platform**

**2" Washer**

**Placing (Typ.)**

**Direction of Travel**

**Phillips Head Bolt**

**4" x 4" Wood Post**

**2" Washer**

**Anti-Twist Plate Assembly (Typ.)**

**Placing (Typ.)**

**Phillips Head Bolt**

**2" Washer**

**Plate (Typ.)**

**Anti-Twist Plate Assembly (Typ.)**

**Washer**

**2" Muffler Clamp Washers, and Nut**

**Locknut**

**2" Muffler Clamp Assembly**

**Steel Tube Post**

**Platform**

**2" Washer**
NOTES

1. CONSTRUCT MAILBOX ASSEMBLIES IN ACCORDANCE WITH SECTION 634 - MAILBOX OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

2. SEE STANDARD DRAWING 405-2 FOR MAILBOX PLACEMENT.

3. INSTALL THE MAILBOXES AND ASSEMBLIES WITH THE FASTENERS SHOWN IN THE ASSEMBLY FASTENER TABLES. SHEET METAL HOLES MAY BE DRILLED IN THE MAILBOX OR PLATFORM OR BOTH TO ATTACH THE MAILBOX TO THE PLATFORM.

4. CENTER THE MAILBOX IN THE PLATFORM AND ENSURE THAT THE MAILBOX DOOR OPENS SPACING OF MAILBOX MOUNTING HOLES MAY VARY BETWEEN MANUFACTURERS AND ADDITIONAL HOLES MAY BE DRILLED IN THE MAILBOX OR PLATFORM OR BOTH TO ATTACH THE MAILBOX TO THE PLATFORM.

5. COMMERCIAL MAILBOXES AND MAILBOX ASSEMBLIES MAY BE SUBMITTED FOR REVIEW IF THEY MEET THE REQUIREMENTS OF THE U.S. POSTMASTER GENERAL AND HAVE SUCCESSFULLY PASSED THE TESTING REQUIREMENTS OF MASH OR NCHRP 350. ALTERNATIVE PLATFORM ALTERNATIVES AND THE SOCKET AND WEDGE MAILBOX SUPPORT SYSTEM ARE EXAMPLES OF COMMERCIAL MAILBOXES THAT MAY BE ACCEPTABLE ALTERNATIVES. OBTAIN THE ENGINEER'S APPROVAL BEFORE INSTALLING ALTERNATIVE MAILBOXES OR ASSEMBLIES AND INSTALL IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

6. USE AN ANTI-TRUST PLATE SHOWN ON THE ANTI-TRUST PLATE DETAIL. A SOCKET AND WEDGE MAILBOX SUPPORT SYSTEM MAY BE USED IN LIEU OF AN ANTI-TRUST PLATE IF THE SOCKET AND WEDGE郵箱支持系統是可選的。按照制造商的安装说明安装。

7. THE TYPE C ASSEMBLY SHOULD BE USED IN HEAVY SNOW AREAS OR AREAS WHERE SNOW PLow DAMAGE TO MAILBOXES HAS BEEN OBSERVED IF IT IS ANTICIPATED.

8. WHEN USED IN HEAVY SNOW AREAS, ONLY ONE MAILBOX IS RECOMMENDED FOR TYPE A ASSEMBLIES. THE TYPE C ASSEMBLY WITH WOOD POSTS IS RECOMMENDED TO PROVIDE ATTACHMENTS FOR USE IN HEAVY SNOW AREAS. A SNOW SHIELD MAY BE INSTALLED AS SHOWN ON STANDARD DRAWING 405-2.

9. MAILBOX SIZES 1A AND 2 SHOWN IN THE MAILBOX PLATFORM AND SHELF TABLE MAY BE INSTALLED ON THE TYPE A DOUBLE MAILBOX ASSEMBLY IN ANY COMBINATION OF SIZES. WHEN MORE THAN ONE SIZE IS TO BE INSTALLED, USE THE SHELF SIZE FOR THE LARGEST MAILBOX.

10. THE TYPE B ASSEMBLY IS A PROPRIETARY SYSTEM THAT MAY BE USED FOR THE INSTALLATION OF TWO OR MORE MAILBOXES. THE TYPE B ASSEMBLY IS INSTALLED WITH BOXES, PLATFORMS, OR BOTH TO ATTACH THE MAILBOX TO THE PLATFORM. INSTALL IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

11. DO NOT INSTALL THE MAILBOX ASSEMBLY IN A CONCRETE FOUNDATION. AN EXCEPTION MAY BE MADE FOR MASH OR NCHRP 350 APPROVED ALTERNATIVE MAILBOX ASSEMBLIES. OBTAIN THE ENGINEER'S APPROVAL BEFORE INSTALLING ALTERNATIVE MAILBOX ASSEMBLIES IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

12. ENSURE THAT PLATFORM, SHELF, AND BRACKETS ARE GALVANIZED IN ACCORDANCE WITH AASHTO M 232.

13. IF USED, ATTACH THE NEWSPAPER BOX TO THE SUPPORT DIRECTLY UNDER THE POST. ENSURE THAT THE NEWSPAPER BOXES DO NOT EXTEND BEYOND THE FRONT OF THE MAILBOX WHEN THE MAILBOX DOOR IS CLOSED. IN HEAVY SNOW AREAS, LOCATE THE NEWSPAPER BOX ON THE TRAILING SIDE OF THE MAILBOX.

14. ROUND OR GRIND THE CORNERS OF PLATFORMS, SHELVES, BRACKETS, OR OTHER HARDWARE THAT HAS SHARP PROTRUSION EDGES.

15. NOT TO SCALE.