

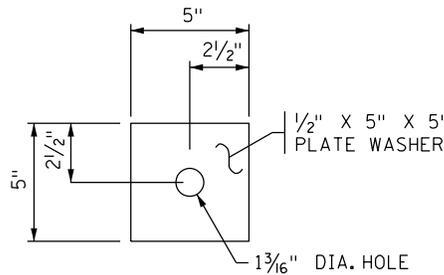
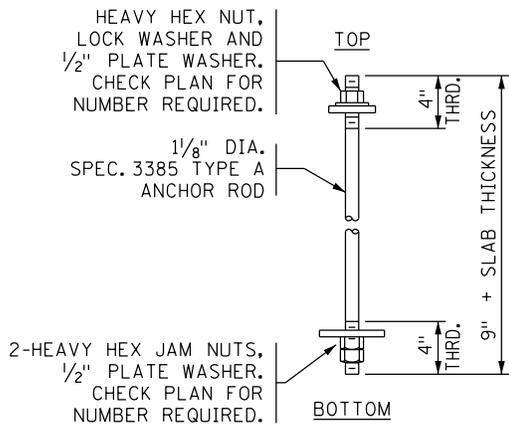
**OPTION 1**

DO NOT USE ON NEW DECK

**OPTION 2**

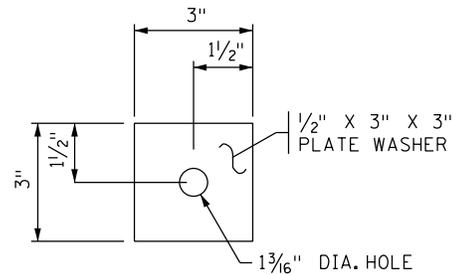
**ANCHORAGE DETAILS**

REINFORCEMENT NOT SHOWN



**BOTTOM PLATE WASHER**

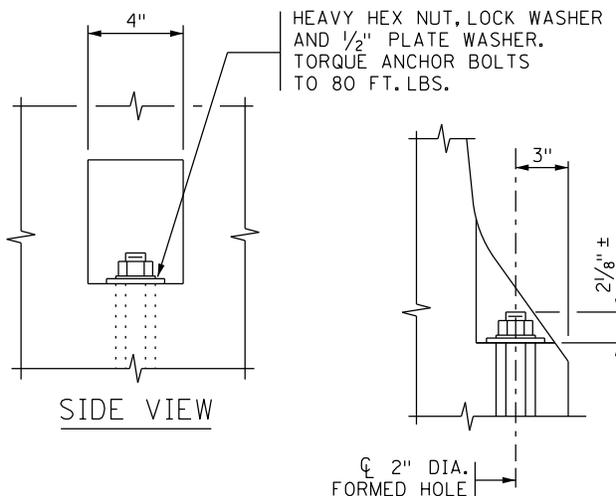
(ONLY USED FOR OPTION 1)



**TOP PLATE WASHER**

**OPTION 1 ANCHOR**

(3 PER BARRIER SEGMENT)



**SIDE VIEW**

**DETAIL "A"**

**NOTES:**

- ALL HARDWARE TO BE GALVANIZED PER SPEC. 3392.
- ALL STRUCTURAL STEEL TO BE SPEC. 3306 UNLESS OTHERWISE NOTED.
- COST OF ANCHORAGE SYSTEM, ANCHOR REMOVAL AND GROUTING OF HOLE ARE INCIDENTAL TO THE COST OF PLACING THE TEMPORARY PORTABLE PRECAST BARRIER.
- PIN BARRIERS TOGETHER PER STANDARD PLATE 8337.
- THROUGH BOLT ANCHORS MUST BE USED IF THE DECK IS PENETRATED DURING DRILLING PROCESS.
- DO NOT USE ON BRIDGES OR APPROACH PANELS WITH A BITUMINOUS OVERLAY.
- REFER TO TRAFFIC CONTROL PLANS FOR DEPLOYMENT LENGTH AND BARRIER TERMINATION REQUIREMENTS.
- ANCHOR ON TRAFFIC SIDE OF BARRIER ONLY.
- SEE SPECIAL PROVISIONS FOR BARRIER INSTALLATION AND REMOVAL REQUIREMENTS.

- ① PERCUSSION DRILLING OF THESE HOLES IS NOT PERMITTED.
- ② 1/2" MINIMUM TO PREVENT BOTTOM OF SLAB FROM SPALLING OR FRACTURING DURING DRILLING.
- ③ 5/2" MINIMUM AND 6" MAXIMUM FOR BRIDGE DECKS WITH TOP MAT REINFORCEMENT AND SOUND CONCRETE. 9" MINIMUM AND 10 1/2" MAXIMUM FOR SOUND CONCRETE APPROACH PANELS.

*TEXT IN ITALICS ARE DESIGNER NOTES. REMOVE PRIOR TO PLOTTING FINAL PLAN.*  
*REFER TO MnDOT LRFD MANUAL "MEMO TO DESIGNERS (2011-03)" FOR GUIDANCE ON EDGE DISTANCE.*

APPROVED: DECEMBER 21, 2011

*Nancy Saubenberg*  
 STATE BRIDGE ENGINEER

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION  
 TEMPORARY PORTABLE PRECAST CONCRETE  
 BARRIER ANCHORAGE  
 (TEMPORARY USAGE IN LIMITED BARRIER DISPLACEMENT AREAS)

REVISED  
 05-24-2012

DETAIL NO.

B920