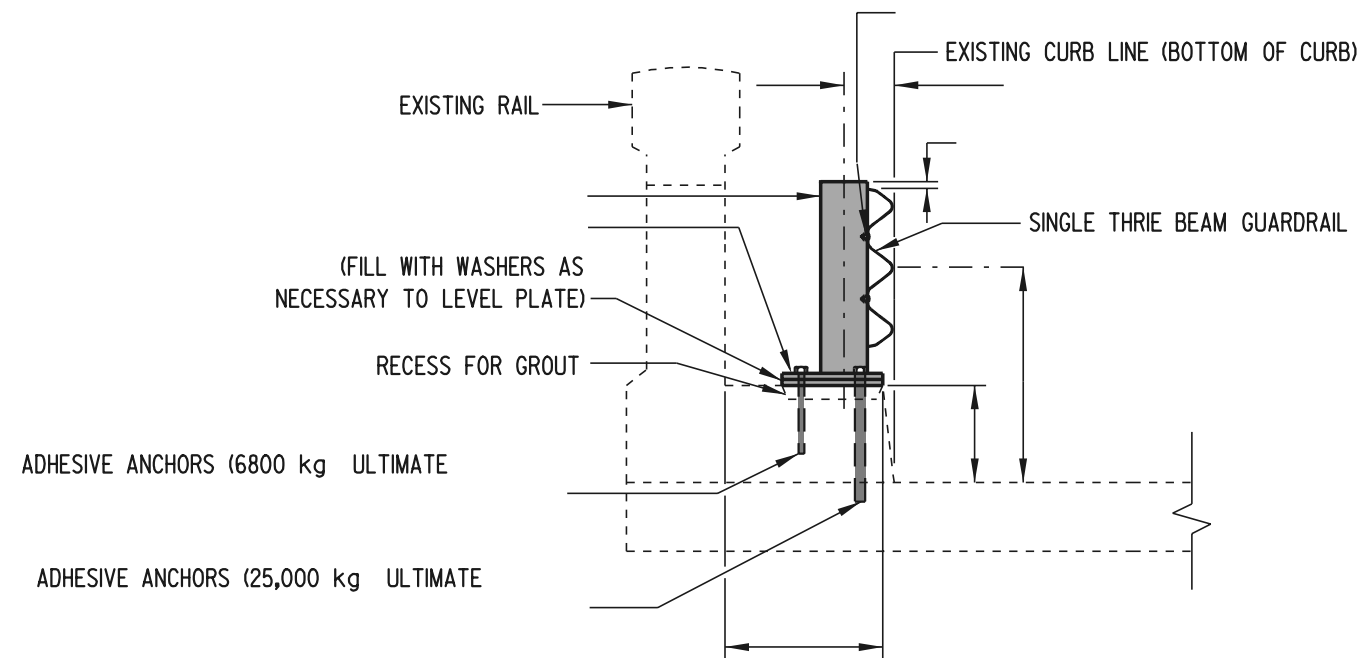


**PLAN**



**SECTION A-A**

**NOTES:** 1). THIS INSTALLATION SHALL BE USED WHEN THE LOAD CONSIDERATIONS ARE A CONCERN WHEN USING BRIDGE RAIL RETROFIT, TYPE 3.

3). ADHESIVE ANCHORS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SHALL BE GALVANIZED.

4). USE A THRIE BEAM EXPANSION SECTION AT BRIDGE EXPANSION JOINTS.

5). PLACE REFLECTORIZED WASHER IN THE UPPER VALLEY OF THE THRIE BEAM EVERY FIFTH POST.

6). THE EXIT END APPLICATION SHALL BE USED ONLY ON DIVIDED HIGHWAYS. FOR ALL OTHER SITUATIONS, THE ENTRANCE END

7). SPACING OF STEEL POSTS MAY NEED TO BE REDUCED TO ACCOMMODATE LINING UP POSTS AT THE END OF THE PARAPET.



**DELAWARE  
DEPARTMENT OF TRANSPORTATION**

**BRIDGE RAIL RETROFIT, TYPE 2**

STANDARD NO.

**B-11 (99)**

SHT. **1**

OF **2**

**APPROVED**

\_\_\_\_\_  
CHIEF ENGINEER DATE

**RECOMMENDED**

\_\_\_\_\_  
DESIGN ENGINEER DATE