**NOTES:**
1. THIS INSTALLATION SHALL BE USED WHEN THE LOAD CONSIDERATIONS ARE A CONCERN WHEN USING BRIDGE RAIL RETROFIT, TYPE 2.

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

4. USE A THRE BEAM EXPANSION SECTION AT BRIDGE EXPANSION JOINTS.

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

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

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

**SECTION A-A**

**EXISTING RAIL**

**EXISTING CURB LINE (BOTTOM OF CURB)**

**SINGLE THRE BEAM GUARDRAIL**

**IF LIL WITH WASHERS AS NECESSARY TO LEVEL PLATE**

**RECESS FOR GROUT**

**ADHESIVE ANCHORS 6,800 KG ULTIMATE**

**ADHESIVE ANCHORS 25,000 KG ULTIMATE**

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**DELaware DEPARTMENT OF TRANSPORTATION**

**BRIDGE RAIL RETROFIT, TYPE 2**

**STANDARD NO.** B-II (97)  
**SHT.** 1  
**OP.** 2  
**APPROVED**

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**3/13/97**