

⅓6" DIA. HOLE FOR 5/8" BOLTS .280" THICK .280" THICK VARIABLE NOMINAL DIA. TUBING 5½" MAX. TUBING

FRONT VIEW

PLAN VIEW

**PLAN VIEW** INSET "A"

STEEL SPACER TUBE

- 3. USE PLATES AND TUBES CONFORMING TO THE REQUIREMENTS OF A.S.T.M. A-36 AND
- GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH SECTION 1076 OF STAND. SPECS
- 4. ADDITIONAL FIELD HOLES MAY BE DRILLED IN STEEL RAIL AS DIRECTED BY THE ENGINEER
- 5. INSTALL FACE OF GUARDRAIL AS NEAR AS POSSIBLE TO PLUMB WITH THE PARAPET FACE AT BRIDGE END POST SPACER TUBE LOCATION BY USING STANDARD OR ALTERED SPACER TUBES OR A COMBINATION THEREOF OR AS DIRECTED BY THE ENGINEER. FOR VERY SMALL PARAPET WIDTHS, GUARDRAIL MAY BE INSTALLED AGAINST BRIDGE RAIL WITHOUT SPACER TUBES.
- 6. DO NOT DRILL BRIDGE RAIL IN ORDER TO INSTALL GUARDRAIL ANCHOR UNIT.
- 7. KEEP TOE OF PRECAST CONCRETE BARRIER FLUSH WITH FACE OF PARAPET.
- 8. ATTACH 1" X 1" BAR AND THREADED STUDS TO PLATE WITH  $\frac{1}{4}$ " WELDS ALL AROUND.
- 9. 1" X 1" BAR MAY NOT BE NEEDED ON BRIDGE RAILS WHERE FACE OF RAIL DOES NOT PROJECT BEYOND FACE OF POST.

PROJECT SERVICES UNIT STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

## TEMPORARY ANCHOR **UNIT TYPE W-BEAM**

ORIGINAL BY: E.E. WARD DATE: 4-03 MODIFIED BY: E.E. WARD DATE: 6-04
CHECKED BY: Fouls Family DATE: 12/1/04 FILE SPEC.:\usr\details\stand\862stds\anc.don