1. Attach W-beam to steel pipe with \( \frac{3}{4}'' \times 1\frac{1}{4}'' \) button head bolt with no washer. No connection to the post is required.

2. For end section details see Standard Plan, "Beam Guardrail End Sections".

3. For details see Standard Plan, "Beam Guardrail Anchor Type 1".

4. For details see Standard Plan, "Beam Guardrail Posts".

5. Outside nut shall be torqued against inside nut a minimum of 100 ft/lbs.

\( \frac{3}{4}'' \times 2'' \) Button head bolt or \( \frac{3}{8}'' \times 1\frac{1}{2}'' \) hex head bolt and hex nut with anchor rail washers under bolt head and nut (see Note 3).

Tack weld \( 2\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{1}{4}'' \) steel plate with \( \frac{1}{8}'' \) hole to tubular steel

\( \frac{3}{4}'' \) Cable clips (6 required) torque nuts to 50 ft/lbs.

Two 1'' Nuts and washers (see Note 5)

End Section Design G (see Note 2)

Two 1'' Stud threaded full length

DETAIL B

ANCHOR POST ASSEMBLIES

(see Note 4)

Standard 2'' ID pipe sleeve (2\( \frac{3}{8}'' \) OD)

Two 1'' Nuts and washers (see Note 5)