**Angle Point Plan**

Adjust reinforcement as necessary to accommodate angle point.

**End of Panel**

- **Noise Wall**
- **20° Max.**
- **Joint**
- **Shaft**

**1/2° Max. Gap (Typ.)**

**End of Panel**

**20° Max.**

**Joint**

**Shaft**

**Traffic Side**

**Noise Wall**

**Wedge Head** shall bear firmly and uniformly against base plate. Bar "B" shall be held secure during concrete placement to prevent gaps between wedge head and base plate.

**Shaft Joint**

**Angle Point Plan**

- **Joint**
- **Shaft**

**Base Plate Detail**

- **2° (Typ.)**
- **1/2° Anchor Bolt**

**Noise Sealer** 1/2" (Typ.)

**Noise Wall**

**1/4" Anchor Bolt (Typ.)**

**Tapered Hole** for 3/4" Bar (Typ.) — See Bar "B" Plate 1 3/4" x 1 1/4" x 1 - 5/8" ASTM A 36 Galvanized embedded in grout. 3/4" Chamfer all corners.

**Slot** 1 3/8" x 1 3/4" for 1 1/4" Anchor Bolt (Typ.)

**See Shear-Key Detail**

**Shear-Key Detail**

- **1/2" Anchor Bolt (Typ.)**
- **Noise Sealer** 1/2" (Typ.)

**End of Panel**

**Typical Intermediate and End Panel**

- **Shaft**
- **1/2" (Typ.)**

**Limits of Transverse Barrier Reinforcement (Typ.)**

- **1/2" (Typ.)**

**Deformed Reinforcement Bar**

- **20° Max.**
- **1 1/2" Max.**

**Shaft**

**Deformed Reinforcement Bar**

- **3/4" Max.**

**Traffic Side**

**Noise Wall**

**See Detail**

**Block-Out 9" Long — Encase Base Plate & Block-Out W Grout After Final Alignment of Wall Panel.**

**1/4" x 3" x 3" Washer (Typ.)**

**Set Elevation of Leveling Nut Before Setting Panel.**

**Tapered Hole** for 3/4" Bar (Typ.) — See Bar "B" Plate 1 3/4" x 1 1/4" x 1 - 5/8" ASTM A 36 Galvanized embedded in grout. 3/4" Chamfer all corners.

**Slot** 1 3/8" x 1 3/4" for 1 1/4" Anchor Bolt (Typ.)

**See Shear-Key Detail**

**Shear-Key Detail**

- **1/2" Anchor Bolt (Typ.)**
- **Noise Sealer** 1/2" (Typ.)

**Precast Concrete Wall W Single Slope Traffic Barrier on Shaft Foundation**

**Noise Barrier Wall**

**Type 14SS**

**Standard Plan D-2.48-00**

**Sheet 2 of 2 Sheets**

**Approved for Publication**

**Harold J. Peterfeso** 11-10-05

**State Design Engineer**

**Washington State Department of Transportation**