**STATE DESCRIPTION**

**2" (Spaced alternately at 3/4"Ø x 8" Long Welded Shear Connector)**

**Bar**
- 7/8" x 30#

**Plate**
- 6" x 5/8"

**7/16"Ø Hole countersunk**

**End of Slab**

**Part Plan**
- 5/8" Vertical Plate
- 3/4" x 7" Anchor Bolt with nut and washer. See Std. Specs. for grout for the anchor bolts

**1" Ø x 1 1/2" Studs (Spaced alternately at abt. 9" cts.)**

**Connector Studs**
- Welded Shear

**Welded Shear Connector**
- 3/4"Ø x 8" Long

**PART ELEVATION**
- 1/2" Bent Plate
- 3/4" Vertical Plate
- 1" Barrier Plate

**5/8" Angle**
- 7/8" Roadway Plate
- 3/4"Ø x 3" slotted holes (Placed along centerline of girder parallel to roadway)

**End of Slab**

**Note:** Concrete vent holes not shown for clarity.

---

**SECTION B-B**

**FLAT PLATE EXPANSION DEVICE AT END BENT NO.**

**PART PLAN**
- 1/2" Barrier Plate
- 7/8" Roadway Plate
- 3/4"Ø x 7" Anchor Bolt with nut and washer. See Std. Specs. for grout

**Studs (Spaced alternately at abt. 9" cts.)**

**Bevel Barrier**
- Free movement of plate

**Backgouge**
- 4'-0" cts.  Remove bolt

---

**GENERAL NOTES:**

- Bevel free end of plate
- Barrier Plate

---

**SAFETY:**

- Wear protective glasses and clothing when handling materials.
- Follow all safety regulations and guidelines.

---

**DATE PREPARED**

**IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.**

---

**PROJECT NO.**

**ASK-MODOT (1-888-275-6636)**

---

**FLAT01_psi_end.dgn**

---

**Effective:** July 2020

**Supersedes:** Apr. 2020