**Temporal Detour Bridge Details - Timber Pile Foundations**

**Fixed Bearing Details**

**Expansion Bearing Details**

**Description:**

**Revision:** 2013 FDOT Design Standards

**Dimensions:**

- **Plan View:**
  - 2'-10" (Based on 12")
  - Nominal Cap Dimension, field verify before fabrication

- **Elevation View of Saddle Plate:**
  - 1'-1½" (Based on 12")
  - Nominal Cap Dimension, field verify & adjust

- **Expansion Bearing Assembly:**
  - Expansion Bearing Keeper Bar (Typ.)
  - (to bear on face of 8½" x 10" Bearing Plate)

- **Expansion Bearing Keeper Bar:**
  - ½" x ½" Expansion Bearing Keeper Bar (Typ.)
  - (to bear on face of 1'-0" x 1'-2" Bearing Plate)

- **Bearing (shift as required within tolerance):**
  - ½" x ½" Lag Screws (Typ.)
  - ¾" Ø Holes for ½" x ½" Expansion Bearing Keeper Bar (Typ.)
  - (to bear on face of 1'-0" x 1'-2" Bearing Plate)

**Notes:**

- Shims required within tolerance
- Field verify & adjust
BACKWALL BENT DETAILS

PLAN VIEW

ELEVATION VIEW

END VIEW