[MICHIGAN](http://mdotcf.state.mi.us/public/design/englishroadmanual/)

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**EXPANSION JOINT COVER PLATE**

OAK:KHC 1 of 1 APPR:JAB:WB:05-13-24

**a. Description.** This work consists of frunishing, fabricating, and installing cover plates over expansion joints on the Z03 of 63102 structure in accordance with the standard specifications and as specified herein.

**b. Materials.**

1. Plate. Furnish Type 304 stainless steel plate in accordance with *ASTM A240/A240M* and the dimensions on the plans.

2. Fasteners. Furnish Type 304 stainless steel flathead countersunk screws with inserts conforming to *ASTM F593*.

**c. Construction.** Install plate covers as shown on the plans. Cast curbs with sliding plates in place to ensure proper alignment of inserts and screws. Apply bond breaker to sliding plates before installation. Grind top of concrete curbs to furnish a smooth surface.

Apply one coat of epoxy resin adhesive to allow sliding plate to move freely without friction. Remove foreign particles before installing plates.

Furnish a 1/4 inch gap between individual cover plate lengths.

**d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

**Pay Item Pay Unit**

Expansion Joint Cover Plate Foot

**Expansion Joint Cover Plate** includes furnishing the cover plate and associated hardware for proper installation of the cover plate. **Expansion Joint Cover Plate** will be measured by the length of the cover plate placed within the limits shown on the plans, in the contract, or authorized by the Engineer.