MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**WATERSTOP, NON-BENTONITE, MODIFIED CHLOROPRENE RUBBER**

CFS:CPM1 of 2APPR:DMG:RPB:08-11-23

**a. Description.** This work consists of the installation of waterstops to be used for cast-in-place watertight seals at construction joints and pipe penetrations in Portland cement concrete structure applications as shown on the plans.

**b. Materials.** Furnish one of the following waterstop products manufactured from a non-bentonite modified chloroprene rubber which will expand up to 8 times its original volume when in contact with water and is inert to bacterial atmosphere, chlorinated water, salt water, acids, and alkalis:

Sika Hydrotite CJ-0725-3K

DURA-Tite DT0725 (DCA Construction Products)

HS-0725CR (BoMetals, Inc)

Do not allow the waterstop materials to come in contact with water at any time prior to concrete placement. Do not use waterstop materials that are damaged, deformed, or exhibit volumetric expansion due to moisture.

**c. Construction.** Install the waterstop at locations shown on the plans. Provide a minimum of 3 inches of concrete cover from the edge of the waterstop to the exposed face of finished concrete.

Perform all surface preparation and install products in accordance with the manufacturer’s installation procedures. Clean and dry all surfaces to receive waterstop materials. Remove curing compound, oils, grease, and other debris prior to application of adhesives or primers. Remove surface imperfections, excluding tining, prior to application of adhesives or primers.

Install the expansive waterstop systems in accordance with the manufacturer’s installation procedures. Provide the installation procedures to the Engineer prior to installation.

Place and consolidate the concrete in a manner to prevent damage or dislocation of the waterstop from the substrate concrete surface.

**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**

Waterstop, Non-Bentonite, Modified Chloroprene Rubber Foot

**Waterstop, Non-Bentonite, Modified Chloroprene Rubber** includes preparing the substrate concrete surface and installing the waterstop in accordance with this special provision.

Measurement of **Waterstop, Non-Bentonite, Modified Chloroprene Rubber** is based on the actual length of installed waterstop material, with no additional compensation for surplus materials. Payment for the adhesive and/or primer is included in the pay item for **Waterstop**, **Non-Bentonite, Modified Chloroprene Rubber** with no additional compensation allowed.