MICHIGAN

DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

FOR

**POLYVINYL CHLORIDE WATERSTOP**

BRG:JST 1 of 1 APPR:RPB:SCK:09-20-23

**a. Description.** This work consists of furnishing and installing PVC waterstops at locations shown on the plans. Complete this work in accordance with the standard specifications, plans, and this special provision.

**b. Materials.** Furnish PVC waterstops by one of the following manufacturers: Greenstreak, St. Louis, Missouri; Vinylex Corporation, Knoxville, Tennessee; or W. R. Meadows, Inc., Elgin, Illinois. Meet the requirements of section 8.9.2.6.2 of the *2017 LRFD Bridge Construction Specifications, 4th Edition*. Use two 6 inch by 3/8 inch flat dumbell type or approved equal waterstops in Piers 1 and 2 on either side of keyways. Submit catalog cuts to the Engineer for review and approval. Submit samples, if requested, to the Engineer for review and approval.

Ensure mitered fittings at wall corners and wall and slab intersections are factory fabricated. Ensure mitered fittings are furnished from the same manufacturer as the waterstop.

Make the field splices for rubberized membrane or PVC waterstops watertight.

Install waterstops so they do not transfer forces into the concrete they are embedded in until the concrete is sufficiently strong to withstand that force.

**c. Construction.** Install in accordance with the manufacturer’s instructions at locations shown on the plans. Tie up to reinforcing steel with plastic coated wire, epoxy coated wire, or molded plastic clips to prevent folding over during concrete placement.

Weld, heat, or glue together at straight butt joints in accordance with manufacturer’s recommendations.

**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**

PVC Waterstop Foot