**Project Challenges**

| • A 72” concrete culvert travelling beneath East and Westbound I-94 had 15 leaking joints creating voids and potential sink holes  
| • ADT on I-94 approx. 30K |

**Solution**

| • Perform work through manhole on adjacent Weigh Station with no disruption of traffic  
| • Inject URETEK polyurethane into the joints at 2, 4, 8 and 10 on the clock dial to stabilize surrounding soils and seal joints. |

**Support**

| • Worked with Michigan DOT to manage project |

**Outcome**

| • Work completed in 2 days  
| • **Soil Infiltration Eliminated:** Filled joints to prevent movement of soil.  
| • **Soil Stabilized:** Voids filled, leaks sealed and soils reinforced with polyurethane |

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**MDOT – Repair 72” RCP Culvert**

**New Buffalo, MI**

[Image of concrete culvert]

[Map of New Buffalo, MI]