

Bid Specifications

1. GENERAL DESCRIPTION

The Town of Vermont intends to procure one (1) large assembled aluminum box culvert for installation by others on Bohn Road just north of its intersection with Kelliher Road starting early summer of 2025.

See <https://townofvermontwi.gov/bohn-road-bridge> for plan details.

The assembled Aluminum Box Culvert shall be delivered to the project site within 72 hours notification by the Town of Vermont or its designated representative that the excavation will be ready for installation. Delivery is anticipated to be scheduled between May 19 and May 30, 2025. Installation is anticipated to occur between May 27 and June 13, 2025.

There shall be a damage claim of \$100 per day for any delay beyond the 72 hour notification.

The supplier shall notify the Town's project representative or its designated construction contractor prior to 3:00 p.m. on the preceding day for delivery on Tuesday thru Thursday, or prior to 3:00 p.m. on the preceding Thursday for delivery on Monday.

The supplier will communicate with the Town of Vermont or its designated construction contractor throughout the construction season to monitor readiness for the assembled box culvert installation, which is subject to change.

The Town of Vermont designated construction contractor will provide appropriate equipment and an operator to unload the box culvert from the delivery vehicle. The supplier shall coordinate with the operator to provide all other materials required to lift the box culvert from the delivery vehicle.

2. PURCHASE OF ITEM(S)

The Town of Vermont will attempt to utilize the lowest bid when obtaining product, however the Town reserves the right to obtain product from the most advantageous vendor/location. In making this determination, the Town of Vermont will consider availability of product and proximity of vendor to project to minimize hauling costs and/or assure that the product quality is not compromised by excessive travel time.

3. ALUMINUM BOX CULVERT MATERIALS

Provide aluminum box culvert consisting of plates, ribs, footings, headwalls, wingwalls, and appurtenant items as shown on the plans and conforming to the requirements of ASTM B 864. Provide plate thickness, rib spacings, end treatment and type of invert and foundation as indicated on the plans.

Bolts and nuts shall conform to the requirements of ASTM A307 or ASTM A449.

The plans are based on design using Contech aluminum box culvert No. 32 with type II haunches and type VI ribs, meeting HL-93 design load.

The supplier may submit an alternative aluminum box culvert meeting minimum design requirements as shown in the plan from another manufacturer with approval from the Town of Vermont.

4. ASSEMBLY AND DELIVERY

The vendor will provide the aluminum box culvert fully assembled. There are options for assembly and delivery methods listed below:

- A. Assemble the structure (off road) within 50-100 ft of trench prior to day of installation, requiring the construction contractor's crew to relocate the structure to the trench. Careful coordination on exact location will be required.
- B. Assemble the structure on the closed road within 50-100 ft of the trench in the 3 workdays before installation. Careful coordination on schedule and exact location will be required.

The supplier shall provide lifting materials (lifting shackles, spreader beam, lift cables, come-alongs, ties and/or struts) for construction contractor's use to maintain span dimensions as recommended by the manufacturer.