



# Alcona County Road Commission

301 N. Lake Street | P.O. Box 40 | Lincoln, Michigan 48742  
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April 20, 2026

## Request for Proposal

### Design Engineering & Construction Engineering

Replacement of:

**SN13 – Hubert Road over the Thunder Bay River, Caledonia Township, Alcona County**

The Alcona County Road Commission (ACRC) is seeking proposals for the cost of design engineering and possibly all or some construction engineering and services for removal of the existing structures and construction of a new structure with related approach work. The design must be in accordance with Federal Highway Administration (FHWA) and Michigan Department of Transportation (MDOT) standards and specifications and AASHTO LRFD Bridge Design Specifications incorporating HL-93 modified live loading. The proposal must include all necessary work for plan and proposal acceptance by the ACRC and MDOT. E-mailed ([Manager@alconacrc.com](mailto:Manager@alconacrc.com)) or mailed proposals will be received until 2 p.m. on Monday, May 18, 2026, at 301 North Lake Street, P.O. Box 40, Lincoln, Michigan, 48742.

#### **Hubert Road – SN 13**

##### LOCATION:

Hubert Road Structure over Thunder Bay River is in Sections 4, T28N, R7E, Hubert Road, 8.42 miles west of US-23, .56 miles east of Mt Maria Road on the north end of Hubbard Lake, Caledonia Township, Alcona County.

The original multi culvert structure was built in 1955 and has deteriorated to a point where it is necessary to remove and replace the structure. There is steel beam guardrail on both sides of the roadway at this structure. The multi culverts span approximately 37' wide by 6' high by 65' long separated by about 5' of earth with concrete head walls. The structure is currently posted with a 16-ton weight limit.

This structure is not on the eligible historic bridge listing.

This project has been approved for the 2028 Fiscal Year by the Local Bridge Advisory Board for \$3,106,000 the cost of construction inclusion in the Neighborhood Roads Fund (NRF). It is anticipated that NRF funding will be available in the first or second quarter of the calendar year 2027. The ACRC anticipates that the use of a Conspan concrete arch bridge system at this location, other structure types will be considered based on size, type and cost of construction as recommended by designer.

At a minimum the following items must be considered and included in the proposal:

1. The plans and specifications shall be developed using the English system and the most current edition of the Michigan Standard Specifications for Construction.
2. Determine in cooperation with the ACRC and MDOT, appropriate design criteria that will govern all design elements for the approach and bridge replacement; including DHV, percentage of trucks, directional distribution of traffic and design speed.
3. Surveys and field investigation including, but not limited to, soil borings, surveys for the design, road alignment, property lines of adjacent riparian owners, river and flood plain cross sections necessary to develop hydraulics for EGLE permit, topography, establish section line alignments and any other needed information to apply for and obtain any information needed for environmental studies, permits, etc. Northing and Easting coordinates shall be in NAD83 Michigan State Plane Central – International Feet. NAVD88 elevations shall be used. It shall also include the location and staking of all horizontal and vertical control points for construction staking, i.e., benchmarks, POT's, PC's, PT's, PI's, section and 1/4 section corners with witnesses, etc. Report all control points with Northing, Easting, Elevation, Station and Offset.
4. Soil borings and associated traffic control will be the full responsibility of the consultant and shall be included in the proposal. Soil borings shall be included on the plans and include any gradation test results, shear tests, etc. Soil borings shall be made for each substructure location.
5. Perform necessary hydraulic analysis to determine the required waterway opening. Perform necessary scour analysis. Obtain any necessary permit from the EGLE.
6. The Preliminary Design shall be completed in accordance with Type, Size, and Location Options and the AASHTO Guidelines for Geometric Design of Low-Volume Local Roads (ADT < 2500).
7. The consultant shall prepare and submit any and all MDOT & FHWA program applications, NEPA, design exceptions (if required), all other applications, permits, and reports for environmental, hydraulic analysis, archaeological studies if required, assessments, reviews, etc. as may be required by FHWA, MDOT, Michigan Department of Natural Resources, Michigan Department of Natural Resources, EGLE, Corps of Engineers, SHPO, County Drain Commissioner, or any other Federal, State, or Local Agency involved in the project.
8. Prepare and submit type, size and location (TS&L) plans using the most current MDOT TS&L requirements list, specifications and an estimate of probable construction costs to the ACRC and MDOT for review, comment and approval. Attend the TS&L meeting, if one is necessary.
9. Prepare Preliminary Plans including engineer's opinion of cost, special provisions and additional information required by MDOT. Submit to the ACRC and MDOT for approval. Determine additional right-of-way requirements for the ACRC and prepare property descriptions and documents for any needed grading permits, easements or property acquisition. Provide any necessary staking required for ROW permits, easements or acquisitions. The ACRC will be responsible for appraisals, grading permits, easements and acquisitions of additional ROW.

10. Attend the grade inspection meeting.
11. Prepare Final Design plans, estimate (including electronic MERL) and special provisions in accordance with the ACRC, MDOT and FHWA recommendations and requirements. Final plans shall be submitted electronically to the ACRC and MDOT for approval. Final plans shall be complete with all necessary information and quantities ready for bid letting by MDOT.
12. Shop drawing review and minor phone consultation during construction is included.
13. If any public hearing is held for the project, the Consultant is expected to prepare any required information; attend and participate in the hearing.
14. Contact, coordinate with, and inform all utilities. ACRC will provide consultants with a list of utilities and contact information.
15. The proposal shall include proposed bridge/structure type assumptions estimated construction cost; and a detailed breakdown of the estimated hours and hourly rates for the various design stages for each proposed bridge/structure type.

Construction Engineering and services provided under a separate estimate, shall include at the minimum the following:

1. Construction staking – control and as needed staking
2. Inspection including storm water and soil erosion and sedimentation control, testing, and pay estimates using AASHTOWarre or approved MDOT software. Provide daily oversight in accordance with MDOT LAP requirements.
3. Construction Engineering – if applicable: pile driving calculations; shop drawing review; new inspection, load rating, scour analysis and updating of MiBRIDGE; and additional as-needed services.
4. Submit electronic As-Built Plans in PDF file format on thumb/jump drive to the ACRC for documentation and file history.

A detailed breakdown of hours, rate and anticipated services is required for the breakdown of anticipated costs. Any proposed cost increases for engineering shall be approved by the Road Commission before the costs are incurred.

Professional liability insurance of a minimum \$1,000,000 coverage per event is required.

E-mailed ([Manager@alconacrc.com](mailto:Manager@alconacrc.com)) or mailed proposals will be received until 2 p.m. on Monday, May 18, 2026, at 301 North Lake Street, P.O. Box 40, Lincoln, Michigan, 48742. Telephone (989)736-8168. Faxed proposals will not be accepted.

**It is anticipated that the award of design for this structure will take place at the May 27 2026, board meeting. The Alcona County Road Commission reserves the right to accept or reject any or all proposals and to waive informalities in any manner deemed in the best interest of the Alcona County Road Commission.**

**BOARD OF COUNTY ROAD COMMISSIONERS  
ALCONA COUNTY, MICHIGAN**

**Theodore Somers, Chairman**

**Harry Harvey, Vice Chairman**

**Andrew Wright, Member**

**Jesse Campbell, Managing Director**

PDF copies of this RFP & most recent Structure Inventory and associated grant application are on our website at [www.alconacrc.com](http://www.alconacrc.com) under the Road Projects tab. For additional information, please contact Jesse Campbell., Managing Director by phone at Office; (989)736-8168, Cell; (989)335-1531 or by email at [manager@alconacrc.com](mailto:manager@alconacrc.com).