

Town of Thorndike Bid Request

The Town of Thorndike is requesting bids for bridge work. Sealed bids need to be received at the Town Office by 2/20/2024 by 11am (EST). Please label the envelope "Town of Thorndike Bridge Bid". Bids can be mailed to PO Box 10 or dropped off at the Town Office at 125 Mount View Road, Thorndike, ME 04986. Please contact the Town Office for scope of work requested or with questions (207) 568-3655. All bids can be accepted or rejected by the Select Board.

Scope of Work

Thorndike Culverts & Bridge Proposal Specs

The Town of Thorndike has applied for the Municipal Stream Crossing Program Grant and would require bids to adhere to the following minimum requirements:

Overview of Grant Opportunity

The Maine Department of Transportation (MaineDOT) is seeking applications for the Municipal Stream Crossing Program to provide competitive grants that help fund the upgrade of municipal culverts at stream crossings with the goal of improving fish and wildlife habitat and community safety. This Request for Application (RFA) document provides instructions for submitting applications, evaluation criteria, and contract provisions. Eligible project sponsors include local and tribal governments, municipal conservation commissions, soil and water conservation districts, and private nonprofit organizations. Eligible projects involve culverts that carry a stream under a local government road, not a state (including state-aid) or private road. The maximum amount of funds an applicant may request is \$200,000 for projects that include design and construction (as long as they result in a completed construction project) and must include a minimum of \$5,000 of local match (cash or in-kind).

Scoring criteria will be centered around the extent to which the project restores habitat for fish (including sea-run fish and native brook trout) and wildlife, as well as the extent to which the proposed project meets 1.2 times the stream's bankfull width and stream crossing size meets MaineDOT's 100-year flood standard. Applicants will be required to provide elements of the proposed structure including stream profile, stream restoration practices in the design and installation, bankfull width measurements with supporting materials, summary of completed field work, appropriate proposed structure size, and proposed stream bottom materials. Maine Department of Marine Resources (DMR) and Maine Department of Inland Fisheries and Wildlife (IFW) will provide input on the fish and wildlife improvement sections of each application;

Scoring criteria will also consider the extent to which the project allows the community to more effectively prepare for large storm events by requiring project location, structure age/condition, documented historical flooding, description and cost of maintenance history, and safety and impacts to community (including detour length, average annual daily traffic (AADT), and number of homes/businesses cutoff). Applicants will also be evaluated on the project quality by requiring match amount and source, project and permitting status (completed tasks), budget, schedule. Any structure spans proposed greater than 10FT require a design review by MaineDOT's bridge maintenance office prior to construction.

Upon preliminary award, applicants will enter into a Service Contract with MaineDOT. Payment to municipalities receiving the grant funds will be made on a reimbursement basis for direct

costs related to the crossing project upon approval of acceptable invoice and documentation. Grant recipients will have 2 years to expend the funds and up to three reimbursement requests coordinated with milestones. Recipients will submit annual progress updates and a final project report. Progress updates will include intended and actual construction dates and total project costs. Prior to construction grant recipients will submit final stamped engineering plans, by Maine Professional Engineer (PE), adequate longitudinal profile, and Army Corps of Engineers permit (as required). Final reimbursement request is dependent on PE verification that project was built to design.

Requirements:

Express the following commitments to performance standards and actions related to the proposed project's design and installation (check all that apply; failing to complete will result in decreased scores):

- Commit that field work and design will include longitudinal profile survey of stream channel to determine slope, structure size will be determined by field-measured average bankfull width of stream, crossing will be skewed to match stream flow as much as practicable, crossing invert or bottom elevation will be below the potential scour vertical adjustment profile line and will match the stream slope based on recommended longitudinal profile survey. For more information on the vertical adjustment profile refer to [Stream Smart Field Work Video](#).
- Commit that project engineering will meet [MaineDOT's 100-year flood standard](#), engineer has or will be retained to assist with project design, note whether existing plans are available, final plans will be stamped by Maine Licensed Engineer prior to construction.
- Commit that new crossing will contain stream materials closely matching native stream bed and crossing will include constructed stream banks through the structure connecting to natural stream banks for terrestrial wildlife passage.
- Commit that structure will be sized at least 1.2 times bankfull width.
- Commit that applicant has or will obtain necessary [Army Corps of Engineers](#) and [DEP Natural Resources Protection Act](#) permits for this project.
- Commit that structure design will be shared with and reviewed by MaineDOT's bridge maintenance office during the design process for any structure spans proposed greater than 10FT. This is to provide any additional advice that should be considered during design. Maine DOT's Bridge Maintenance Division (ben.foster@maine.gov or Ron.Taylor@maine.gov). For more information, refer to [MaineDOT's Bridge Design Guide](#) and [MaineDOT's Policies and Laws related to Bridges in Maine](#).
- Earthwork contractors must be certified by the [Maine Department of Environmental Protection](#). Certification credit is available to contractors that have attended Stream Smart training.

Project schedule including any design activities, anticipated construction duration, start and completion date. All projects must at least provide an approximate start and completion date.

Bridges to be bid on: see attached State of Maine Bridge Inspection reports for more information: Each bridge / culvert needs to be itemized per project:

- **Project 1: Knox Station Bridge /Dolloff Road**
- **Project 2: George Ward Bridge / Reynolds Road**
- **Project 3: Ward Culvert /East Thorndike Road**

Insurance Requirements:

Professional Liability : *\$1,000,000

General liability: *\$1,000,000/ \$2,000,000 aggregate

Commercial Auto : *\$1,000,000

Bond required for work quoted in excess of \$125,000

*Town of Thorndike : listed as additional insured

**Sealed Bids must be received by
February 20, 2024 at 11:00am EST**

They can be mailed to:

Town of Thorndike

PO Box 10

or delivered to
125 Mount View Road
Thorndike, ME 04986