

Attachment 7 – Statement of Work

MaineDOT & DMR Culvert AOP Program – Midcoast Bundle

1. Project Overview, Background, and Objectives

With support from the FHWA Culvert AOP Program, Maine Department of Transportation (MaineDOT) proposes to replace four culverts that currently restrict or block aquatic organism passage and exhibit structural deficiencies. Existing crossings are typically undersized and/or perched culverts with poor AOP performance and limited hydraulic capacity.

Each individual crossing in the bundle is identified in the accompanying Application Template, Project List (Attachment 3) and Project Maps (Attachments 2 and 4).

The objectives of this bundle are to replace the four culverts that will increase conservation benefits to anadromous fish; promote economic competitiveness through anadromous fish restoration while reducing food insecurity to rural and Tribal communities; provide broader ecosystem benefits; and improve the condition, safety, and resiliency of Maine's transportation facilities.

2. Scope of Work

With support from Culvert AOP funds, MaineDOT will complete the following tasks for each bundle on the schedules outlined in Attachment 6:

a. Planning and Preliminary Engineering – 12-18 months

- Conduct field reconnaissance, survey, and documentation of existing conditions;
- Conduct outreach with affected communities through standard MaineDOT process (MaineDOT Public Involvement Plan);
- Geotechnical site investigations and reporting;
- Hydraulic scour analysis and Habitat Connectivity Design;
- Initial environmental conditions and permitting (see Attachment 8 for details);
- Structural engineering and cost alternatives analyses;
- Preliminary design (30%).

b. Final Design and Contract Documents – 12 - 24 months

- Intermediate (60%) design;
- Additional coordination as needed with resource agencies (e.g., MDIFW, DMR, USFWS, NMFS);
- Final permitting;
- Pre-final design (90%);

- Construction cost estimates and, where feasible, site packaging;
- Project advertisement and award;
- Final design (100%).

c. Construction – 12 - 16 months

- Comply with in-water work windows and environmental considerations;
- Implement culvert replacements with professional oversight and documentation.

3. Roles, Responsibilities, and Deliverables

MaineDOT will serve as project sponsor and facility owner, manage overall bundle delivery, procure and oversee consultants and contractors, and ensure compliance with FHWA and all Federal requirements. As needed, consultants and contractors will provide design, environmental/permitting support, and construction services under MaineDOT contracts.

Key deliverables for the bundle include:

- Geotechnical reports and H&H analyses;
- Design plans, specifications, and estimates (PS&E) for each crossing;
- Environmental documentation and permits;
- Construction contracts and bid documentation;
- Documentation requirements for FHWA reporting under the Culvert AOP Program.