



Des Moines Area

# Water Trails and Greenways Plan

Des Moines Area Metropolitan Planning Organization

## Plan Implementation Phase I: Engineering Studies

### Projected costs

RFPs need to be issued. These are initial cost estimates.

#### Downtown Des Moines Dam Mitigation Feasibility Study:

Existing Data Collection and Review	\$55,000
Field Reconnaissance	\$25,000
Hydrographic Survey	\$30,000
Sediment Management Study	\$55,000
Hydrology & Hydraulics	\$20,000
Preliminary Alternatives Analysis and Conceptual Design	\$40,000
Preferred Conceptual Design Alternative	\$20,000
Permit Requirements and Prelim Agency Coord.	\$20,000
Potential Funding Research	\$15,000
Feasibility Study Report & Work Plan	\$30,000
Project Coordination and Meetings	<u>\$30,000</u>
	\$340,000

#### Jurisdictional Projects

Data Collection and Review	\$ 5000
Site Visits	\$50,000
Stakeholder Meetings	\$20,000
Permitting Summary	\$ 8000
Prioritization of Projects	\$ 2000
Concept Development, Cross Sections & Renderings	\$20,000
Operations and Maintenance	\$10,000
Cost Estimate	\$25,000