



US Army Corps  
of Engineers

# C-GLFER-Grand River Rest. & SLB, MI

## Invasive Species Focus Area

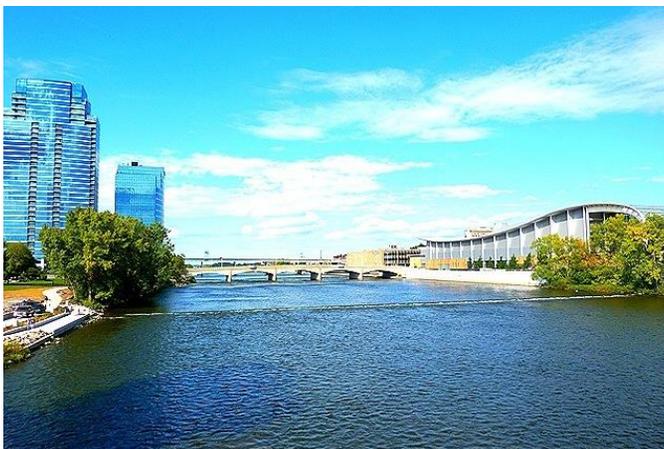
**Project Location:** This project is located in the historic rapids area of the Grand River through downtown Grand Rapids, Michigan, approximately 42 river miles from the confluence with Lake Michigan.

**Project Description:** This project is part of a large overall ecosystem restoration initiative on the Grand River in Grand Rapids, Michigan, and would include construction of new dynamic sea lamprey barrier approximately 1-mile upstream of the existing 4th Street Dam. The existing dam and 4 additional low-head "beautification" dams would be removed, allowing for restoration of the substrate and grade between these areas. In addition to enhancing sea lamprey control on the Grand River (the longest river in Michigan), this will restore and improve habitat for fish and aquatic life including state-threatened lake sturgeon and federally endangered snuffbox mussels. This project is authorized under Section 506 of WRDA 2000, as amended, Great Lakes Fishery and Ecosystem Restoration (GLFER).

**Non-federal Partner:** City of Grand Rapids, Michigan

**Project Benefits:** Implementation of a new dynamic sea lamprey barrier could protect up to 1,700 miles of river miles and nursery habitat from sea lamprey infestation. Lampricide use and program cost (larval assessment and treatment) would be reduced, and spawning phase assessment will be enhanced. Removal of the 4th Street Dam could also restore regionally rare rapids habitat to approximately 88 additional acres of bedrock and coarse substrate within the project area, and provide migratory connectivity to that restored reach where lake sturgeon spawning habitat could be established. Depending upon future management decisions, the project could also increase aquatic migratory connectivity for 65 miles of main river stem upstream.

**Project Status:** Per letter request from the City of Grand Rapids, dated 31 Mar 2015, and approval from the Council of Lakes Committee to include the project in the GLFER program in April 2015, USACE initiated study efforts in May 2015. A Determination of Federal Interest (FID) document was completed in Aug 2015 and approved by LRD in Oct 2015, allowing for detailed feasibility phase efforts to continue. Preparation of a Detailed Project Report (DPR) and Environmental Assessment (EA) are expected to be completed in FY18. Upon approval of the DPR and EA, the Implementation Phase would commence, potentially resulting in a construction contract award in FY19.



Estimated Project Costs	
Federal	6,535,000
Non-Federal	3,465,000
Total	10,000,000

Project Milestones	
Determination of Federal Interest	Oct 2015
Complete Feasibility Studies	Feb 2018
Advertise Construction Contract	May 2019
Award Construction Contract	Aug 2019

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