



REDWOOD RIVER SLOPE STABILIZATION GRANT

GENERAL PURPOSE

The City of Marshall aims to encourage public participation in the City's Municipal Separate Storm Sewer System (MS4) and Stormwater Pollution Prevention Plan (SWPPP) programs. Public participation in these programs includes several avenues for the public to address stormwater-related issues by implementing BMP's, performing volunteer services, and other relevant actions.

The Redwood River operates under a relatively controlled flow regime through the City of Marshall. The Redwood River Diversion Structure and Diversion Channel is designed to control and moderate river flow through our community. This controlled flow coming into Marshall offers general stability in the river, with city development and drainage outlets contributing in a significant manner to the bounce of the river in our city limits.

The City of Marshall has developed around and along the Redwood River. Naturally, the city has utilized the river for drainage outlets in numerous locations. The City of Marshall acknowledges that the Redwood River serves as part of the city's drainage conveyance system and the city's drainage into the Redwood River increases the river flow through our community. When flows increase, the river becomes more erosive. Streambank erosion threatens properties and water quality in the river.

The purpose of this grant program is to offer property owners along the Redwood River shoreline a matching funding source for slope stability improvements. Slope stability improvements benefit the City of Marshall in the following ways:

- Aid in the prevention of soil losses along the river. The lost soils affect the river's flow path and impair water quality. Further, the soils settle in other areas of the river, reducing drainage capacity in the river channel. Soils typically settle at culvert crossings, resulting in City cost to remove soils deposition.
- Help to prevent loss of trees that fall into the river, requiring the City of Marshall to remove the trees at our cost.
- Protect private property and its taxable value.

Ultimately, the community benefits from this program in many ways. This program helps to protect water quality, maintain drainage capacity in the Redwood River, and protects land values in our community. These are all goals of the Surface Water Management Utility.

PROGRAM DETAILS

The Redwood River Slope Stabilization Grant offers up to 50% cost participation for river slope stabilization projects, with a maximum grant amount set by City Resolution annually.

Property owners can participate in the program by completing an application for a slope stability grant. The application is available online, or at City Hall. Completion of an application does not guarantee City funding. All projects must have Minnesota Department of Natural Resources (MnDNR) approval, and all projects will require a MnDNR permit.

Each application shall include plan drawings, a detailed description of work, a cost estimate, and photographs of the proposed work area. Plan materials shall include a map showing the location of the project on the property, a seeding/planting plan, project timeline, site photos, detailed cost estimate, and a long-term maintenance plan. City Engineering Department staff will contact the applicant to coordinate an on-site meeting to review the proposed work and gain an understanding of the project.

All projects will be reviewed by the City Public Improvement/Transportation (PI/T) Committee of the City Council. The PI/T Committee makes recommendations to the City Council. If a project is unable to be awarded due to lack of funding availability, an application may be submitted the following year. There is no limit to the number of times that a project may be submitted.

Funding for this program is provided by the Surface Water Management Utility (SWMU) budget. Annual funding for the grant program is determined by the Marshall City Council. Cost participation amounts will be reviewed annually and established by the City Council through the City Fee Resolution. This grant is a reimbursement and will be processed for payment upon successful completion of the project.

