

The Hwy 13 Slope Stability Planning Project in Mendota Heights will investigate slope failures within the corridor and formulate long-term strategies to enhance resilience. By bolstering resilience, the project seeks to mitigate slope failures and ensure continued access for residents, educational institutions, businesses, as well as cyclists and pedestrians utilizing the Big Rivers Regional Trail. Enhancing resilience is expected to decrease the occurrence and consequences of landslides, resulting in substantial cost savings for MnDOT by preventing future repairs and maintenance.

TODAY'S ISSUES

- A history of slope failures due to poor soils and heavy rain events.
- Slope failures are likely to become more frequent and severe with heavier rain events.
- A significant failure in June 2024 caused a closure to the highway for five months for emergency fixes.
- Slope failures damaging the Big Rivers Regional Trail and causing temporary closures.
- Maintenance and emergency fixes are expensive, difficult, and temporary.

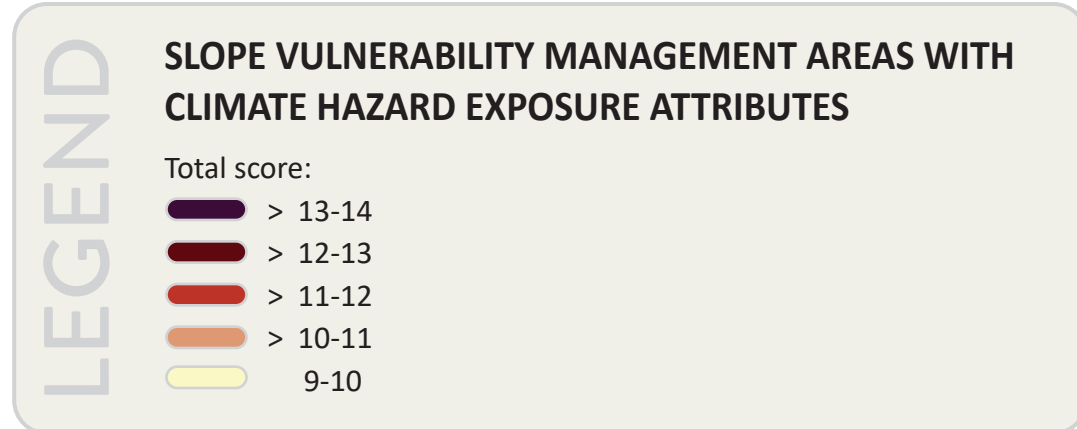
PROJECT BENEFITS

- Reduces potential and impact of future slope failures and maintains access to homes and businesses.
- Provides long-term solutions to manage underlying issues including drainage and slope stability.
- Protects the Big Rivers Regional Trail from future damage and closures.
- Recommendations from the planning project will be incorporated into a planned MnDOT pavement project in 2032.



HIGHWAY 13 SLOPE STABILITY PLANNING PROJECT

MENDOTA HEIGHTS, DAKOTA COUNTY, MINNESOTA



MAJOR TASKS

- ✓ Identify the specific weather risks and develop future climate scenarios.
- ✓ Test the performance of the facility against the different climate scenarios.
- ✓ Develop resilience improvement options and test against climate scenarios.
- ✓ Economic, Environmental and Equity Analyses

FUNDING

- The two-year planning project from 2026 to 2028 is expected to cost \$1.11 million.
- MnDOT is applying for a planning grant from the Federal PROTECT discretionary program to fund the project.