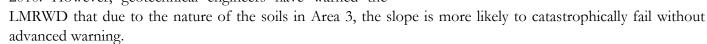
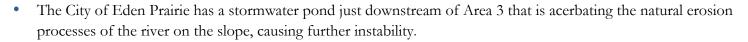


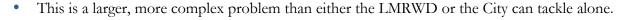
PROBLEM

- The underlying soils and groundwater seeps, combined with bluff development and erosive flows from the Minnesota River, have destabilized the slope and resulted in continual erosion since at least 2008.
- Using inclinometers, the Lower Minnesota River Watershed District (LMRWD) has monitored slope movements since 2010. However, geotechnical engineers have warned the



Bank erosion caused by city stormwater pond





SOLUTION

- 1. Remove the city stormwater pond, capture city stormwater currently being directed to the pond, and convey it to the Minnesota River in a less erosive and bank-destructive manner.
- 2. Armor the bluff toe and flatten the slope as needed to protect the slope from the Minnesota River.

REQUEST

• To complete the construction, the estimated cost is \$5.5M.