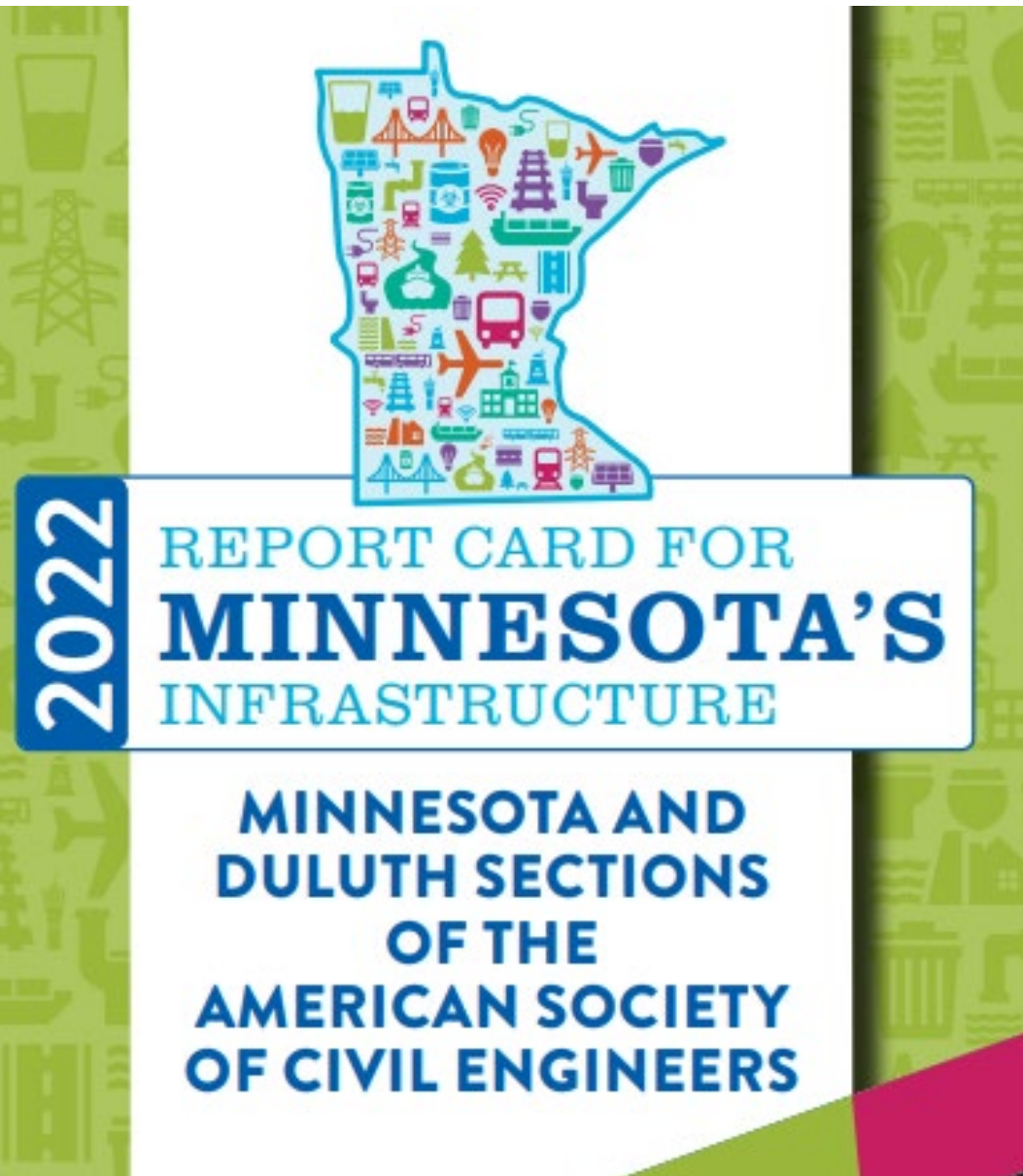


Regional assessment of aging infrastructure



Metropolitan Area Water Supply Technical Advisory Committees
Jess Collin-Pilarski | February 12, 2026

Regional assessment of aging infrastructure



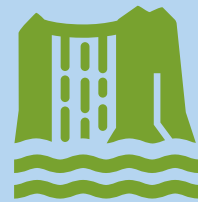
Proposed Purpose

- Identify and prioritize regional needs for education campaigns, legislative requests, and future work planning
- By developing a regionally-focused water supply report card for drinking water
- Modeled after ASCEs Report Card for Minnesota's Infrastructure

Regional assessment of aging infrastructure: Context



MN ASCE began assessing infrastructure in 2018



The 2022 report card assessed: aviation, bridges, dams, drinking water, energy, ports, public parks, roads, transit, and wastewater



An updated report tentatively coming out this year

Regional assessment of aging infrastructure: Criteria (MN ASCE)



- **CAPACITY** – Does infrastructure’s capacity meet current and future demands?
- **CONDITION** – What is infrastructure’s existing physical condition?
- **OPERATION AND MAINTENANCE** – What is the owner’s ability to operate and maintain infrastructure properly? Is the infrastructure in compliance with government regulations?
- **FUNDING AND FUTURE NEED** – What is the current level of funding from all levels of government for infrastructure category as compared to the estimated funding need? What is the cost to improve infrastructure? Will future funding prospects address the need?
- **SAFETY** – To what extent is the public’s safety jeopardized by the condition of infrastructure and what could be the consequences of failure?
- **RESILIENCE** – What is infrastructure system’s capability to prevent or protect against significant multi-hazard threats and incidents? How able is it to quickly recover and reconstitute critical services with minimum consequences for public safety and health, the economy, and national security?

Regional assessment of aging infrastructure: Discussion on Condition Assessment Criteria

Watermain Condition Assessment

Criteria used by ASCE:

- annual watermain breaks per 100 miles
- age and type of watermain material

Is anything missing?

Water Storage Condition Assessment

Option to survey communities about the condition of their water storage facilities

Is this something you are interested in?

Water Treatment Condition Assessment

Option to survey communities about the condition of their water treatment facilities

Is this something you are interested in?