



2022

REPORT CARD FOR  
**MINNESOTA'S**  
INFRASTRUCTURE

# Minnesota State Senate Capital Investment Committee

February 15, 2024

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# Overview

- Who ASCE is
- What: Recap of 2022 Report Card and updates
- Why: Infrastructure is taken for granted
- When: Now
- How: Funding – yay bonding year!

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# What the Grades Mean



**Exceptional,  
Fit for the  
Future**



**Good,  
Adequate  
for Now**



**Mediocre,  
Requires  
Attention**



**Poor,  
At Risk**



**Failing/Critical,  
Unfit for Purpose**

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# 2022 Grades

Aviation



**B**

Bridges



**C**

Dams



**C**

Drinking Water



**C-**

Energy



**C**

Ports



**C-**

Public Parks



**B-**

Roads



**D+**

Transit



**C-**

Wastewater



**C**

**G.P.A.**



# 2023 Success - THANK YOU

- Passed matching funds to receive IIJA funds for transportation projects
- Increased taxes and fees, providing sustainable funding for infrastructure into the future.
- Set up a grant funding program for State, city, county to receive the local cost component needed for IIJA funding.
- \$18.1 million to the Port Development Assistance Program. Applications are currently being accepted.

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# 2018 to IIJA

Category	2018 Need (per year)	2022 Need (per year)
Aviation	\$127 M	\$127 M
Bridges	\$270 M	\$410 M
Dams	\$5.7 M	\$5.15 M
Drinking Water	\$375 M	\$375 M
Energy	Not identified	Not identified
Ports	\$29 M	\$30 M
Public Parks	n/a	\$279.1 M
Roads	\$1.15 B	\$1.72 B
Transit	\$90 M	\$1.05 B
Wastewater	\$236 M	\$500 M
<b>Total</b>	<b>\$2.3 B</b>	<b>\$4.5 B</b>

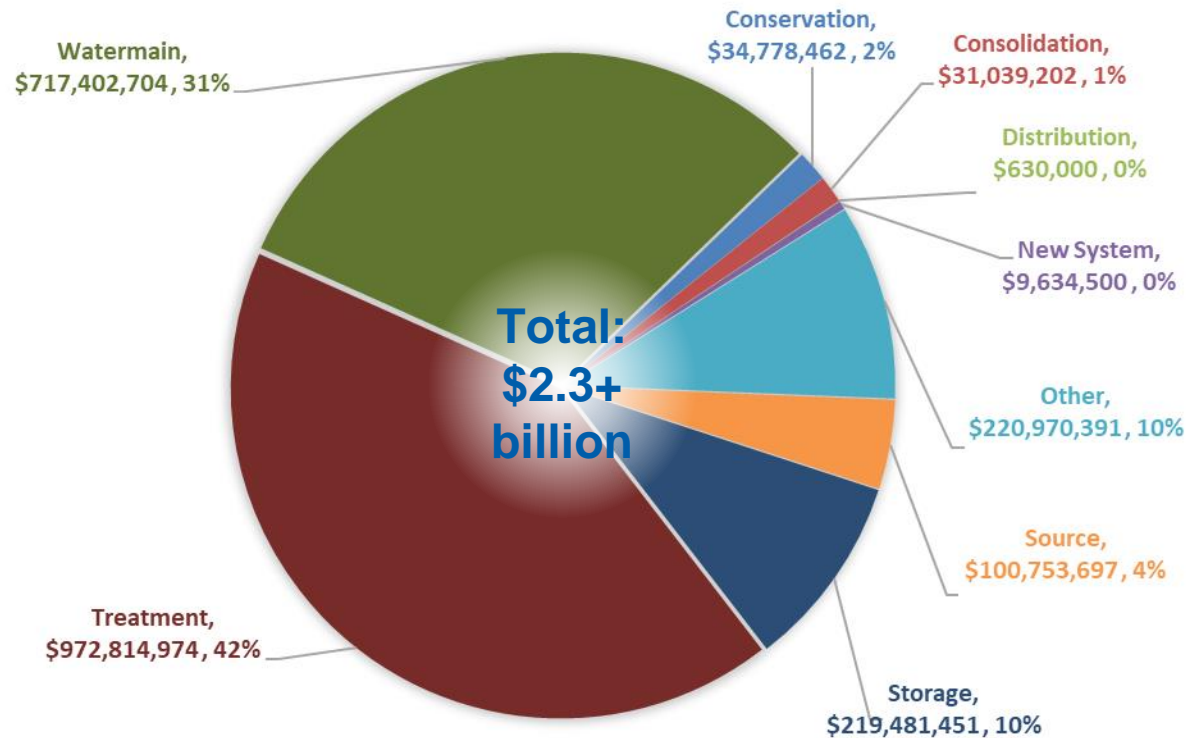
**IIJA has  
\$1.4 B  
available to  
Minnesota**



# Challenges Continue in 2024

- Funding Gap still exists:
  - IIJA was not enough to make up the gap. State resources continue to be limited.
  - Inflation has eroded the funding progress.
  - Legislators should continue to be receptive to cities/counties when they ask for direct funding for projects.
- State funding for infrastructure in rural and small communities:
  - Often the only source for much of their infrastructure needs due to lack of tax base.
  - If included in bonding bill, more likely to be passed.

# 2024 Drinking Water Project Priority List Cost and Project Type



Information from Minnesota Department of Health "DWRP 2024 Project Priority List"



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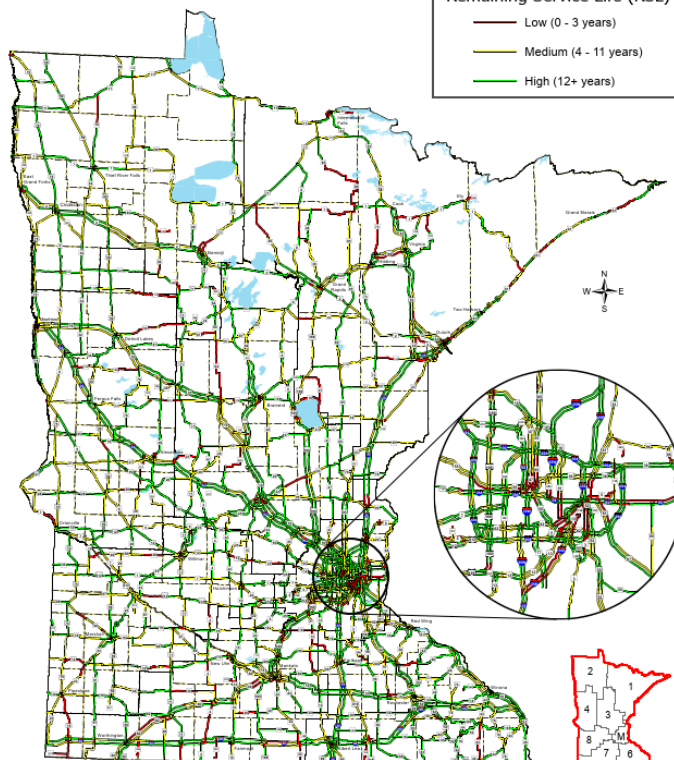
# Relationship Between Roads and Water/Sewer Pipes

**m** DEPARTMENT OF  
TRANSPORTATION

**Statewide  
2022 Pavement Condition**

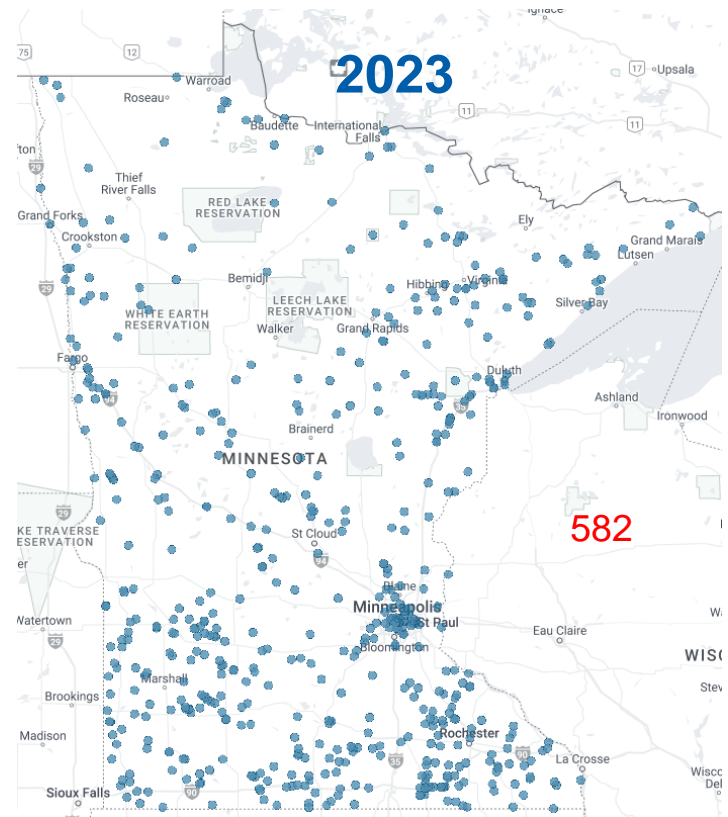
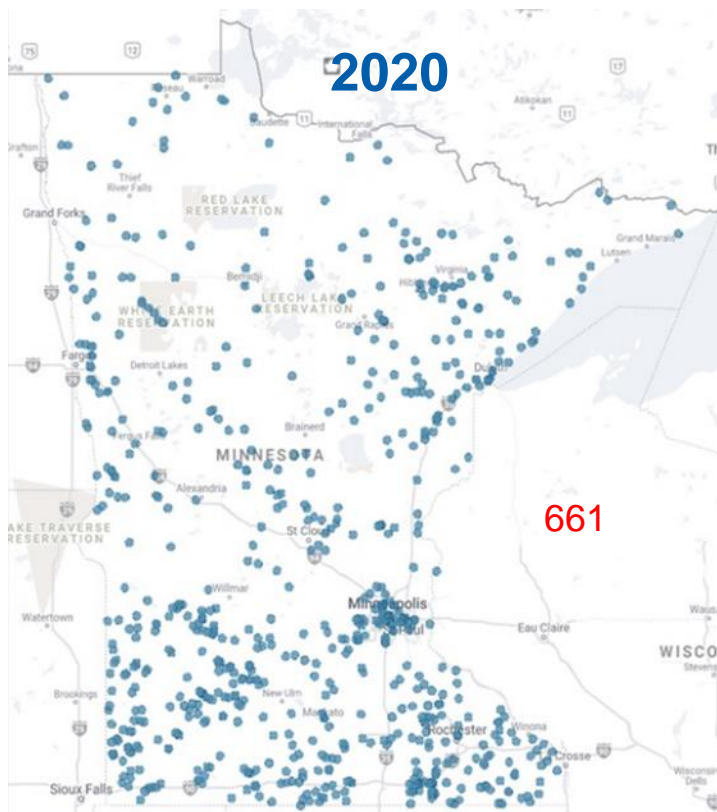
Remaining Service Life (RSL)

- Low (0 - 3 years)
- Medium (4 - 11 years)
- High (12+ years)



*Information from Minnesota Department of Transportation 2022 pavement condition maps, State RSL (Remaining Service Life)*

# Bridges with Poor Rating



*Poor rating using the FHWA's Long-Term Bridge Performance Portal*

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# Look to the Future

## Urbanization

Consider that populations continue to move to urban areas, requiring upgrades, for example up-sizing water treatment

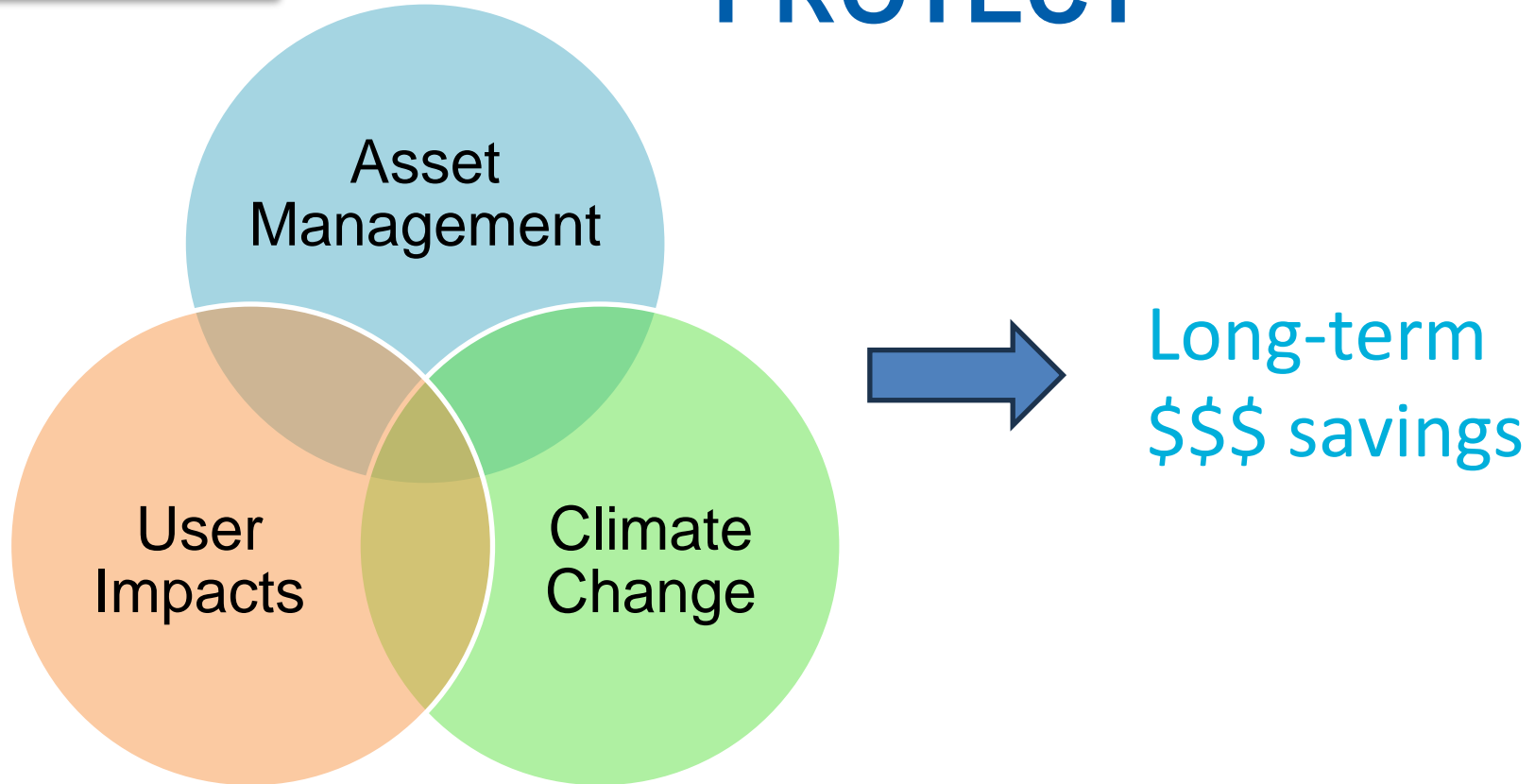
## Asset Management

The best information comes from hard data, and asset management programs, implemented today can be an unparalleled resource for guiding future capital investment.

## Climate Change

Investments in flood risk mitigation and planning, drought mitigation, aquifer recharge, and water reuse now, can pay dividends by lowering infrastructure repairs in the event of extreme weather.

# MnDOT Resilience with PROTECT



# Raise the Grade

- Provide ongoing, robust, and sustainable funding to meet Minnesota's infrastructure needs.
- Federal funding must support, rather than replace, existing revenue sources for our infrastructure systems.
- Capital investment is a necessary source of remedying the aging built environment.



# Resources

- <https://infrastructurereportcard.org/minnesota>
- <https://www.raiseourgrademn.org/>
- <https://ascemn.org/>

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