

2. PLOC Mitigates Frequent and Disastrous Flooding

The 2014 flood year saw Prior Lake's **water level rise 6 feet in 3 months**

- \$2 million of public infrastructure damage
- 7 roads closed for ~5 weeks
- 58 homes inaccessible to emergency vehicles



2014 Road Flooding

- Without the PLOC:
- 2014 floods would have risen **twice as high**
 - Prior Lake would have **flooded 11 more times** in the last 33 years

A message from the Watershed District...

"Historically, Prior Lake did not have a natural outlet which resulted in significant flooding. This led to the creation of Prior Lake-Spring Lake Watershed District (PLSLWD) and Prior Lake Outlet Channel. The outlet channel is the single largest flood resiliency project for PLSLWD. Lining the channel's Very Important Pipe is critical to District residents' health, safety, and economic well-being."

-Bruce Loney, President,
PLSLWD Board of Managers



*The City of Prior Lake, City of Shakopee, Shakopee Mdwakanton Sioux Community, and Prior Lake-Spring Lake Watershed District make up the PLOC Cooperators

Prior Lake Outlet Channel (PLOC)

SF 3284 Authored by Senator Pratt
HF 3269 Authored by Rep. Bakeberg



Very Important Pipe

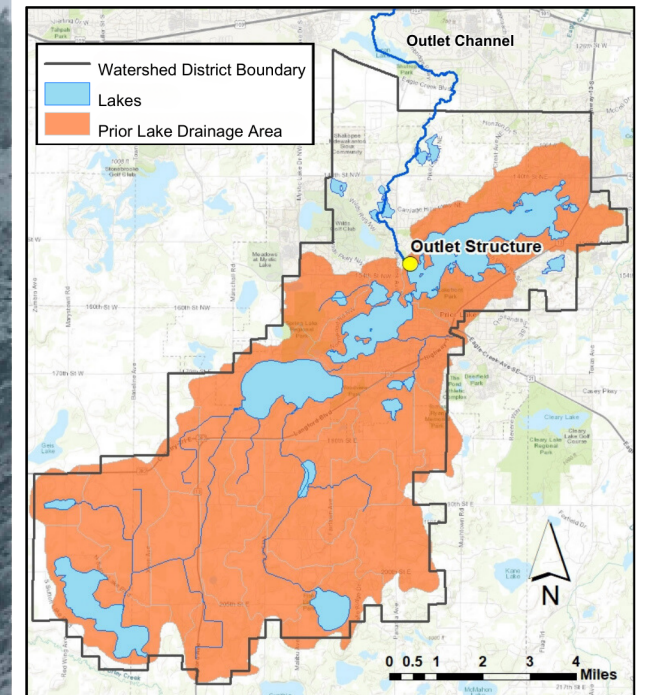
All Access Pass

1. Critical Infrastructure

The Prior Lake Outlet Channel is the **only outlet** for Prior Lake.

- Water travels 0.4 miles of pipe and 7 miles of open channel to the Minnesota River
- Drains 67% of the watershed district (pop. ~40,000)

Over 30 sq. miles drain through the 36" diameter pipe, including portions of the Cities of Prior Lake and Savage, Spring Lake and Sand Creek Townships, and Shakopee Mdwakanton Sioux Community.

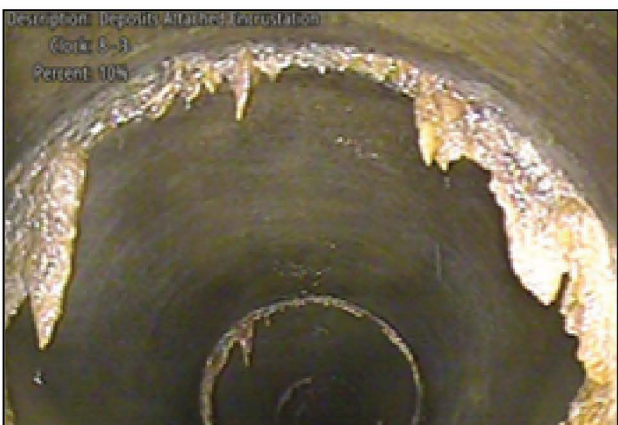


3. Pipe is Approaching End of Life

Typical pipe lifespan: **50 years**
PLOC age: **40 years**

Typical storm drain has flow **~70 days/year**

The PL has flow **~260 days/year**



2022 PLOC Inspection Image

Pipe inspections show the PLOC is **already cracked and leaking.**

Rough pipe conditions slow down water evacuation during floods

4. Why Now?

Collapse would be catastrophic.

Complete pipe replacement is not realistic:

- Passes under infrastructure, ponds and buildings
- Easements too narrow for access
- Max depth 40+ feet

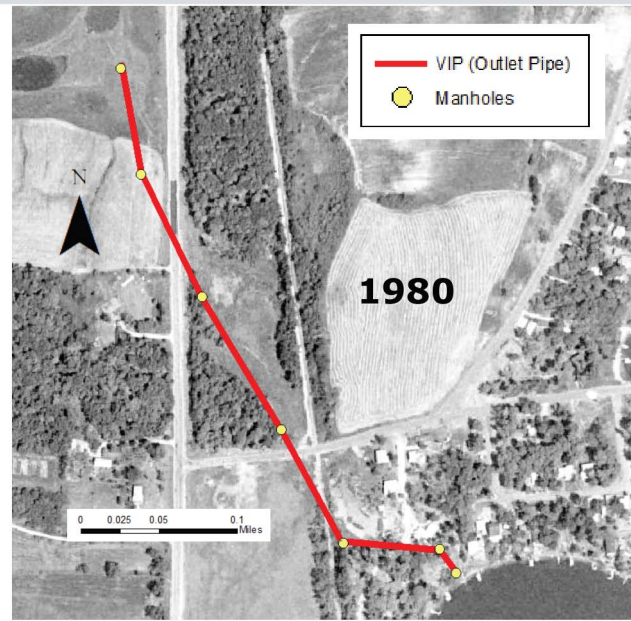
Delayed construction with higher water levels could cost 20-25% more.

5. Solution

Cured-In-Place Pipe Liner

- Extends pipe life by 50 years
- Increases outflow rate by 15%
- Installed through existing manholes

Development has boomed since the PLOC was completed (1983), making access difficult.



6. Project Cost

The PLOC Cooperators* respectfully **request support** to cover pipe lining cost.

The Project is Shovel-Ready

- State Capital Funding would allow for construction in Winter 2024/2025
- Without these funds, the project will be delayed while other funding is sought



- Step 1 - Debris is cleared from damaged pipe
- Step 2 - Resin soaked liner is pushed through and inflated against old pipe with internal bladder
- Step 3 - Resin is cured and bladder removed