

Bryce Pickart, Assistant General Manager, Technical Services

Information Item 1: 2014 Capital Program

Environment Committee, Aug. 13, 2013



Topics

- Capital Improvement Program (CIP)
6-Year Plan
- Authorized Capital Program
Multi-Year Authorization
- Capital Budget
Annual Appropriation

Capital Program Schedule

<u>Date</u>	<u>Item</u>
Aug 13 th	Capital Program
Sep 10 th	Capital Finance Plan
Sep 25 th	Incorporate into the Unified Capital Improvement Program and Unified Capital Budget
Oct 23 rd	Council Authorizes Public Comment
Dec 11 th	Public Hearing and Adoption

Capital Program Objectives

- Preserve
- Expand
- Improve

Summary of Proposed Program

- 83% Asset Preservation
- 73% Interceptors
- No change to Total Dollars
- Three New Interceptor Projects

Key Projects - Plants

- Empire Plant
 - Solids Processing
- Metro Plant
 - Rehabilitation
 - Solids Improvements
- Seneca Plant
 - Solids Improvements

Empire Wastewater Plant



Metro Plant



Seneca Wastewater Plant

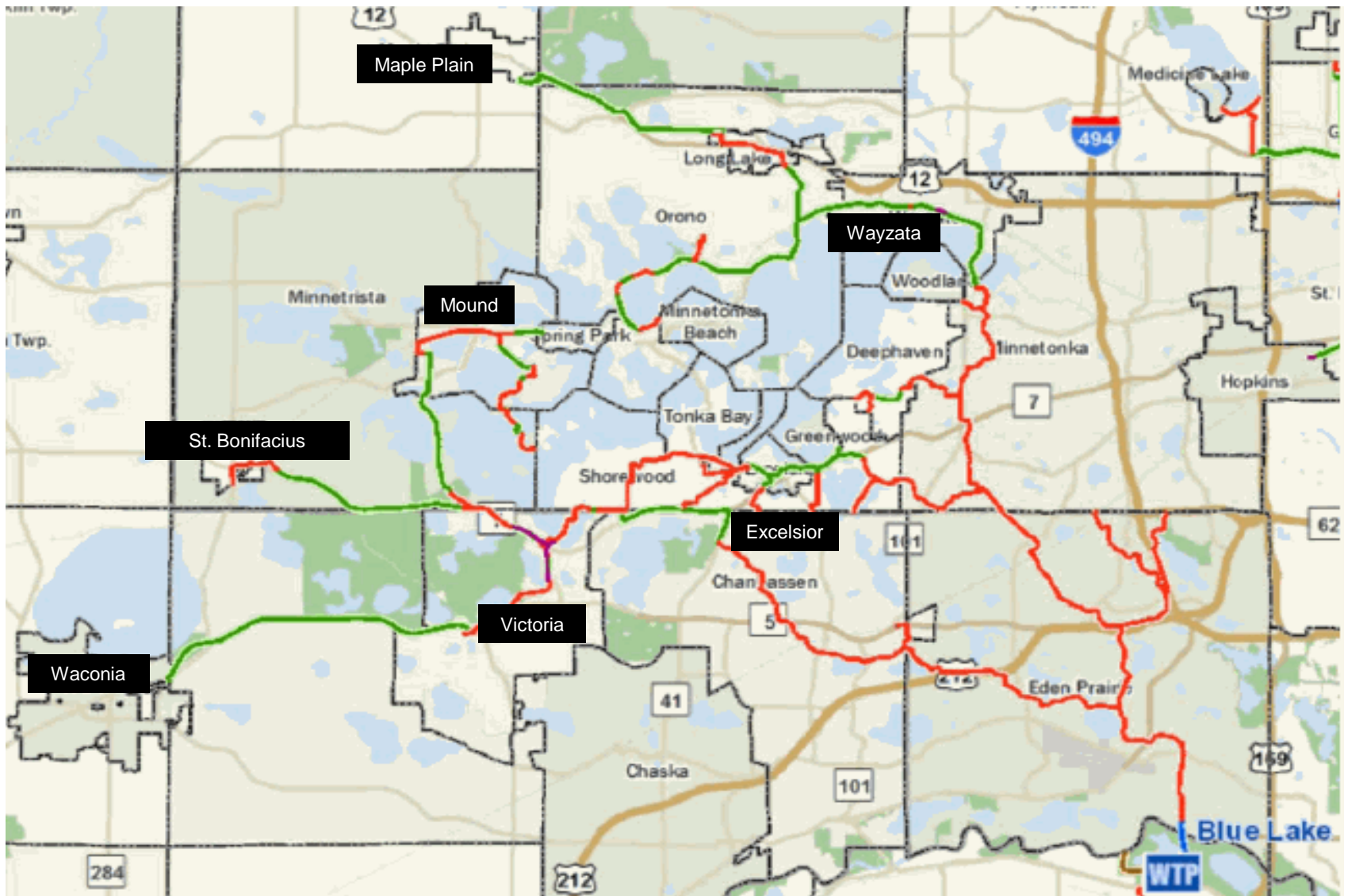


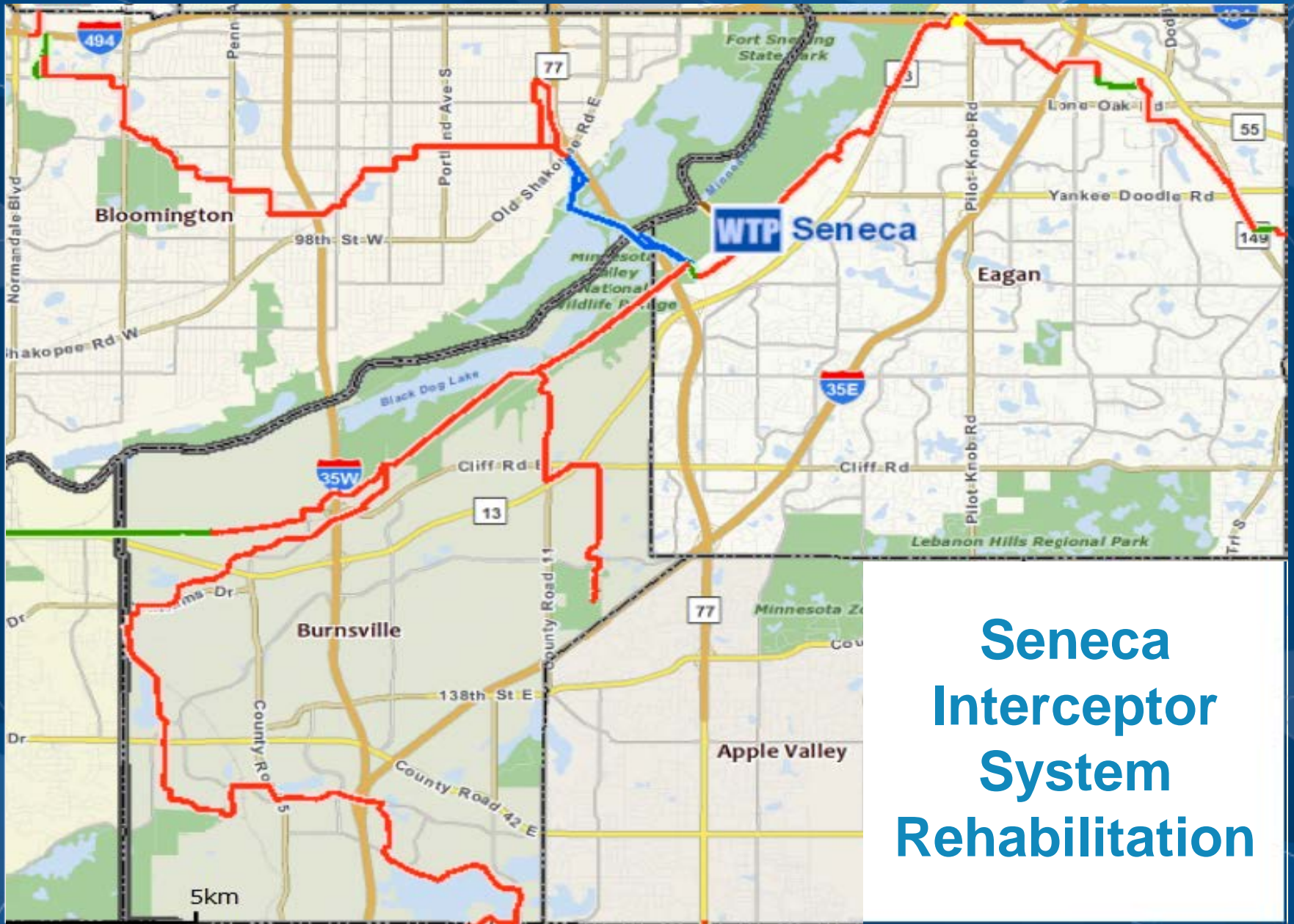
Interceptor Rehabilitation Priorities

- Pipes Susceptible to Corrosion
- Aging Lift Stations and Forcemains

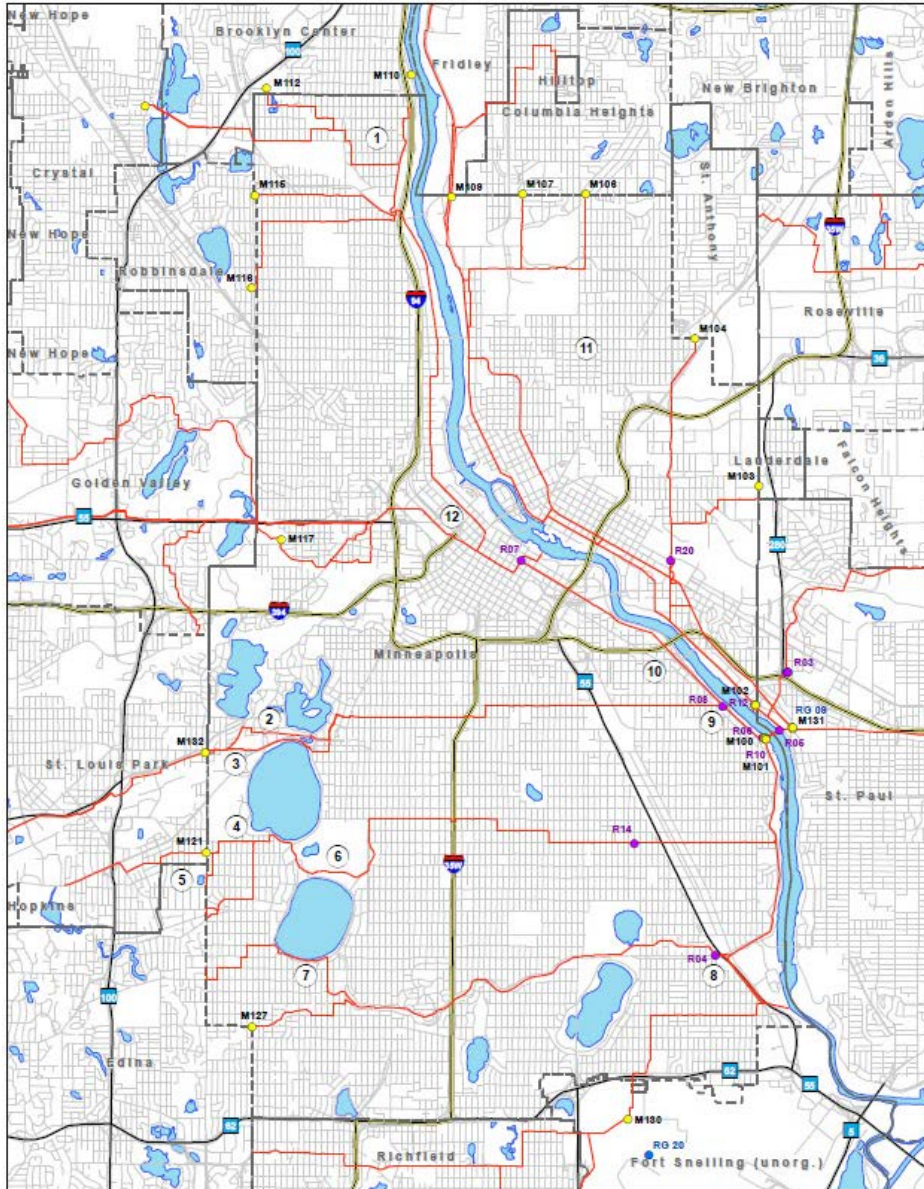


Lake Minnetonka Area Projects



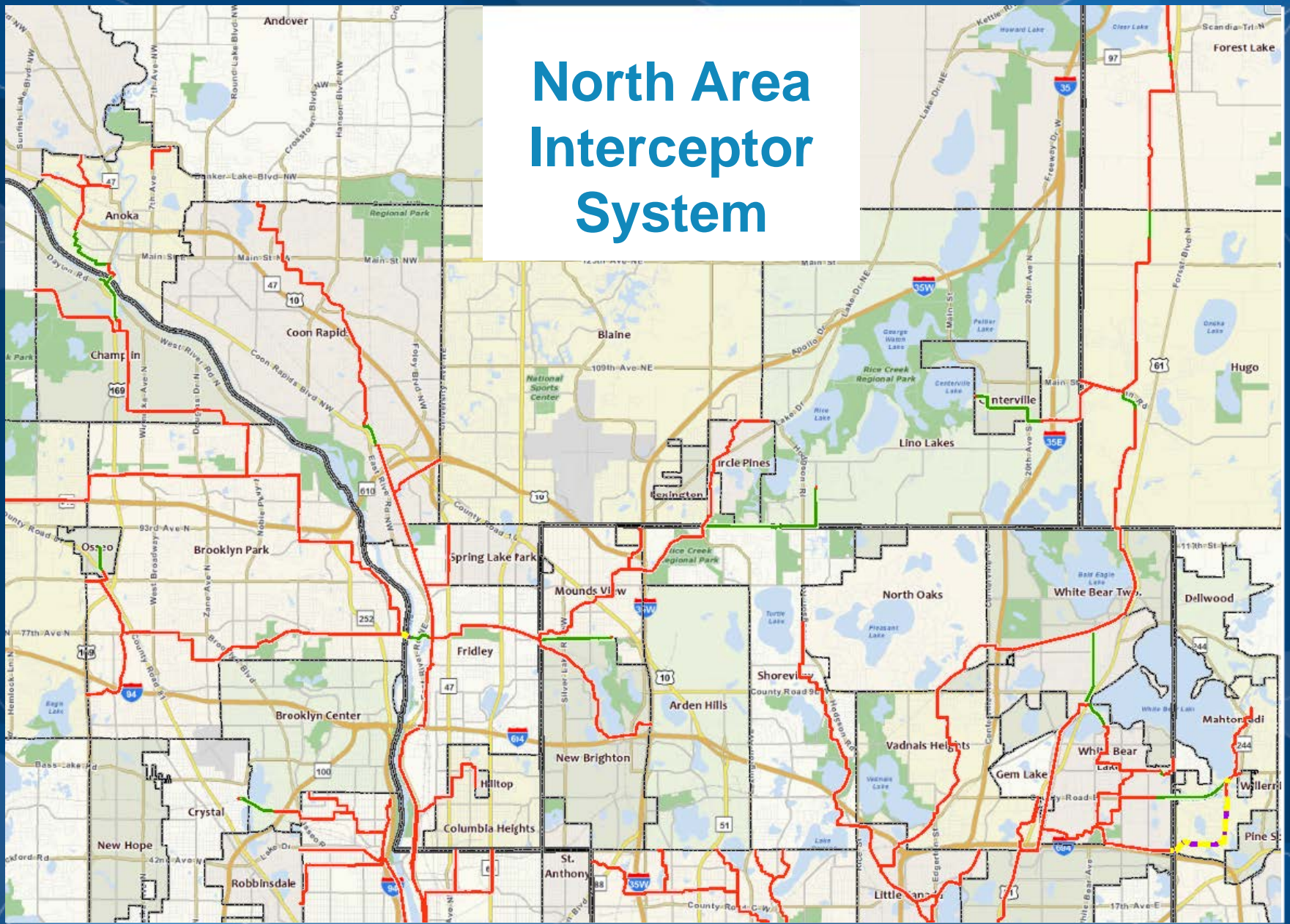


Seneca Interceptor System Rehabilitation



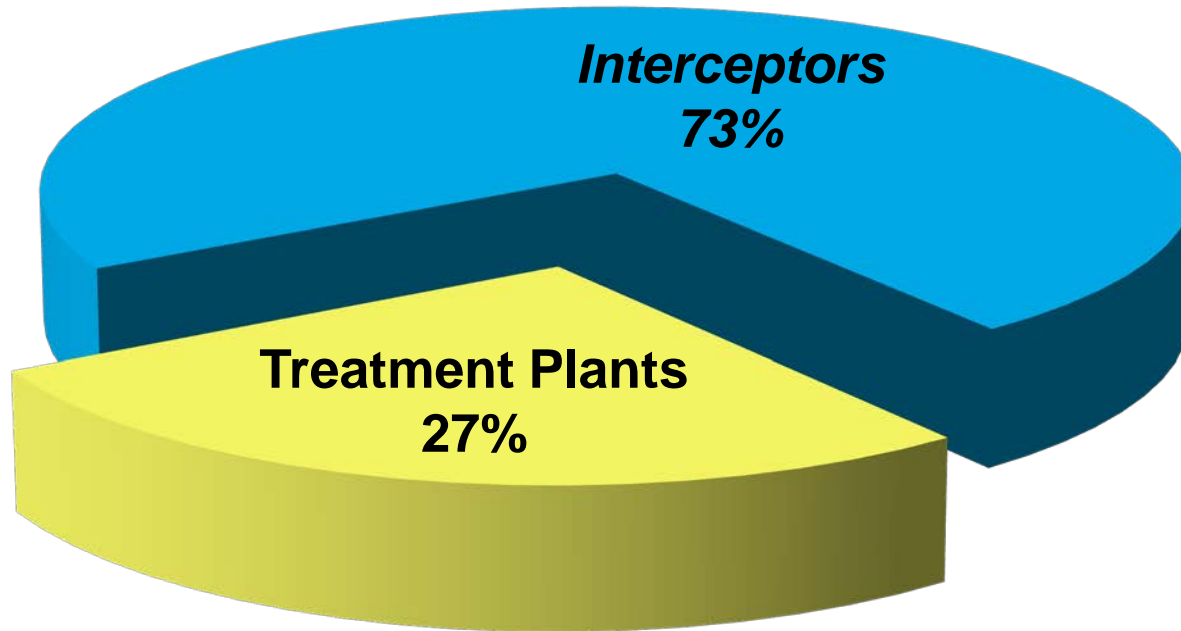
Minneapolis Interceptor Projects

North Area Interceptor System



Capital Improvement Program (CIP)

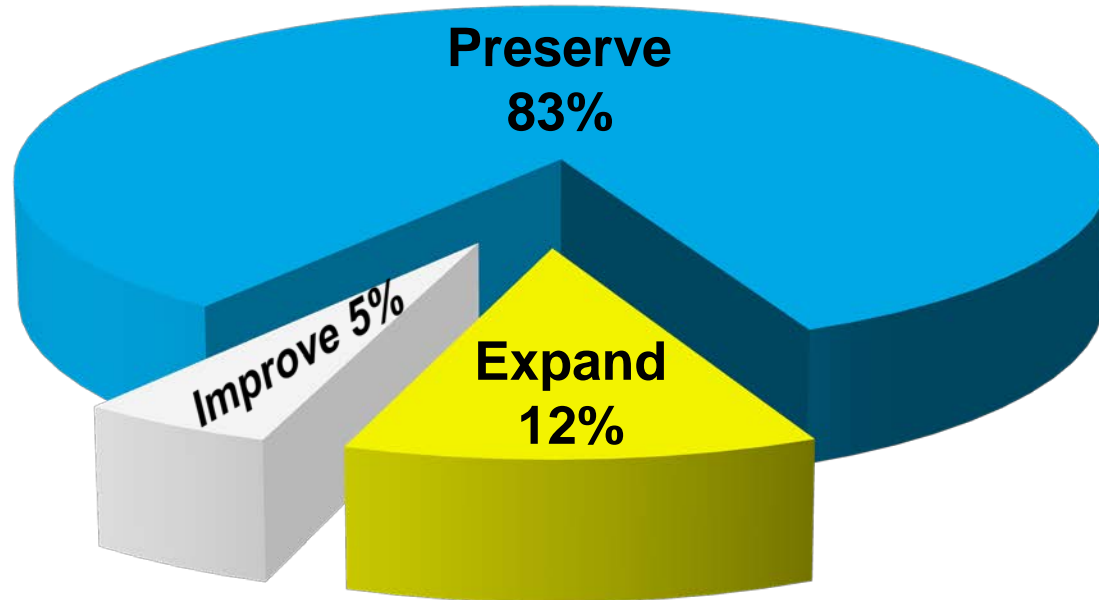
Cost Breakdown by Project Type



**Total 2014 - 2019 CIP
\$833 Million**

Capital Improvement Program (CIP)

Cost Breakdown by Project Objective



Total 2014 - 2019 CIP
\$833 Million

INTERCEPTOR SYSTEM PROPOSED 2014 – 2019 CIP

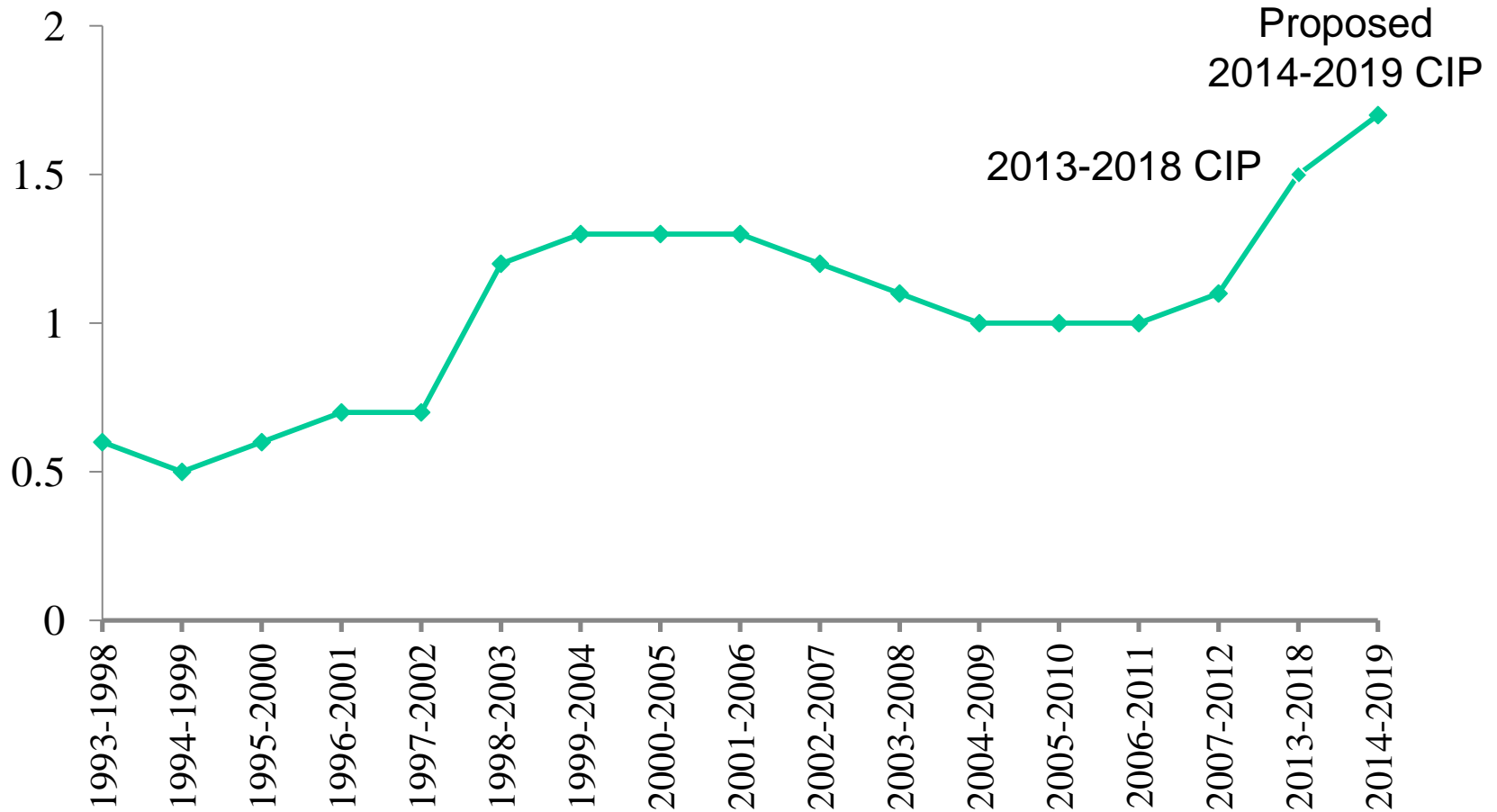
- Asset Preservation
 - 90 Miles of Pipe
 - 20 Lift Stations
- Growth/Capacity
 - 3 Miles of Pipe
 - 5 Lift Stations
- Proposed Investment
 - \$604 Million

REGIONAL WASTEWATER SYSTEM ESTIMATED REPLACEMENT VALUE

<u>Asset</u>	<u>Est. Value (\$ Millions)</u>
Pipelines (600 Miles)	3,000
Joint Interceptor (10 Miles)	400
Lift Stations (60)	300
Meter Stations (200)	100
Metropolitan Plant	1,200
Regional Plants	<u>1,000</u>
	6,000

Asset Preservation Index (%)

Six-Year Moving Average



Authorized Capital Program Requests

- Three New Projects
- Adjustments to Existing Projects
- Authorization of Funding for Projects Moving to the Design Phase or to the Construction Phase
- Deletion of Completed Projects

Summary of Proposed Changes

- Current Authorizations \$1,024,000,000
- New Projects 73,000,000
- Adjustments 35,000,000
- Completed Projects -108,800,000

Proposed 2014
Authorization

\$1,023,200,000

New Projects

- Bloomington System Improvements \$ 6,000,000
- Elm Creek – Corcoran/Rogers* 7,000,000
- North Area Interceptor Rehabilitation 60,000,000

New Projects Total \$73,000,000

*Last remaining projects from the original Elm Creek Interceptor Family of projects

Summary

Capital Improvement Program

\$833 Million

Authorized Capital Program

\$1,023 Million

Capital Budget

\$155 Million

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