

# Highway 212 and Highway 5 Updates



# Agenda

- Hwy 212 Update
- County CIP
- Transportation Tax Plan
- Hwy 5 Update
  - AATP
  - Implementation Scenarios
  - Funding Request

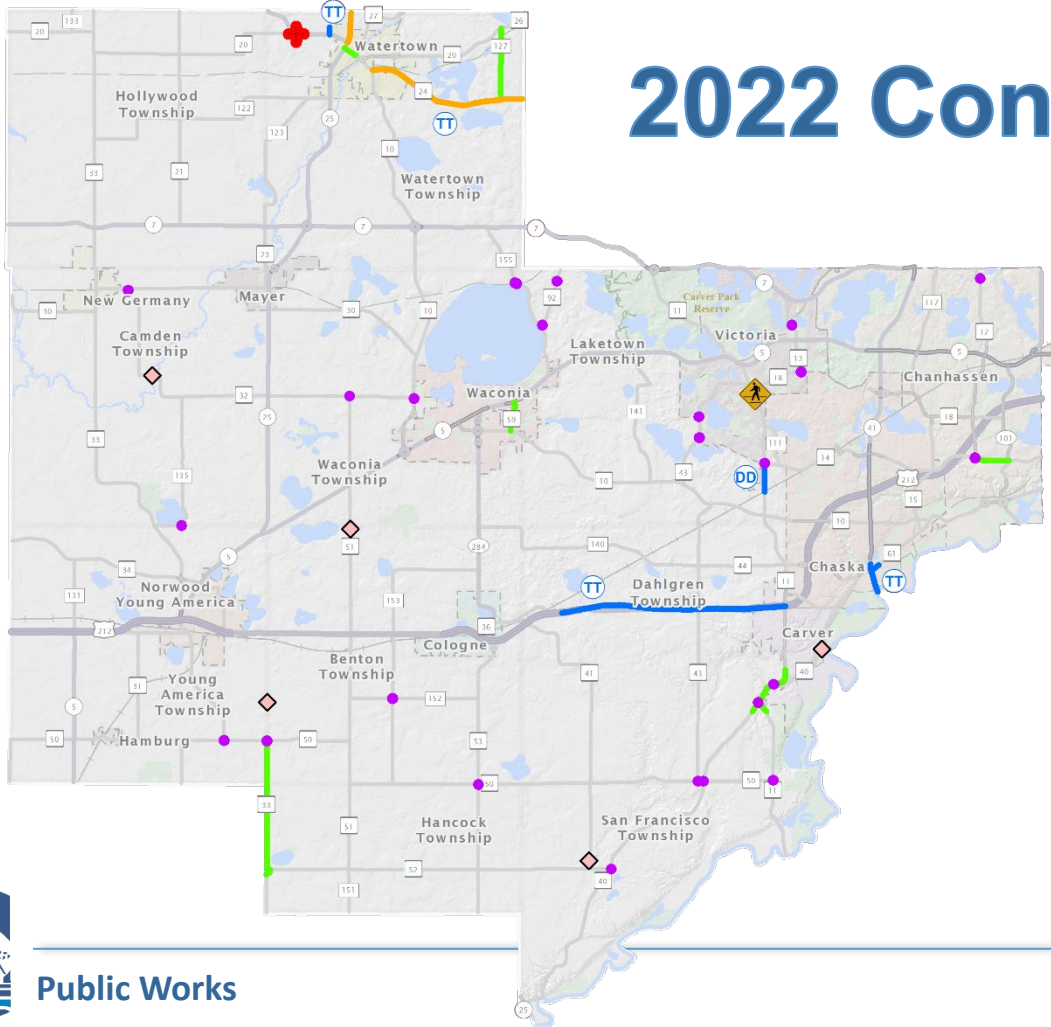


*US 212*










[US Highway 212 Reconstruction Carver County \(WEST\)11/24/2021 - YouTube](#)



# 2022 Construction

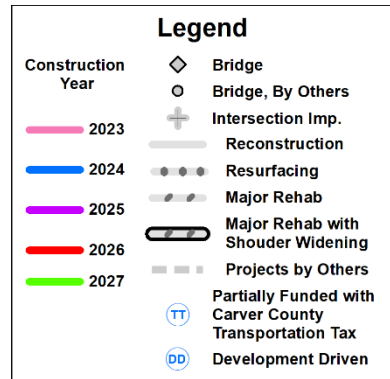
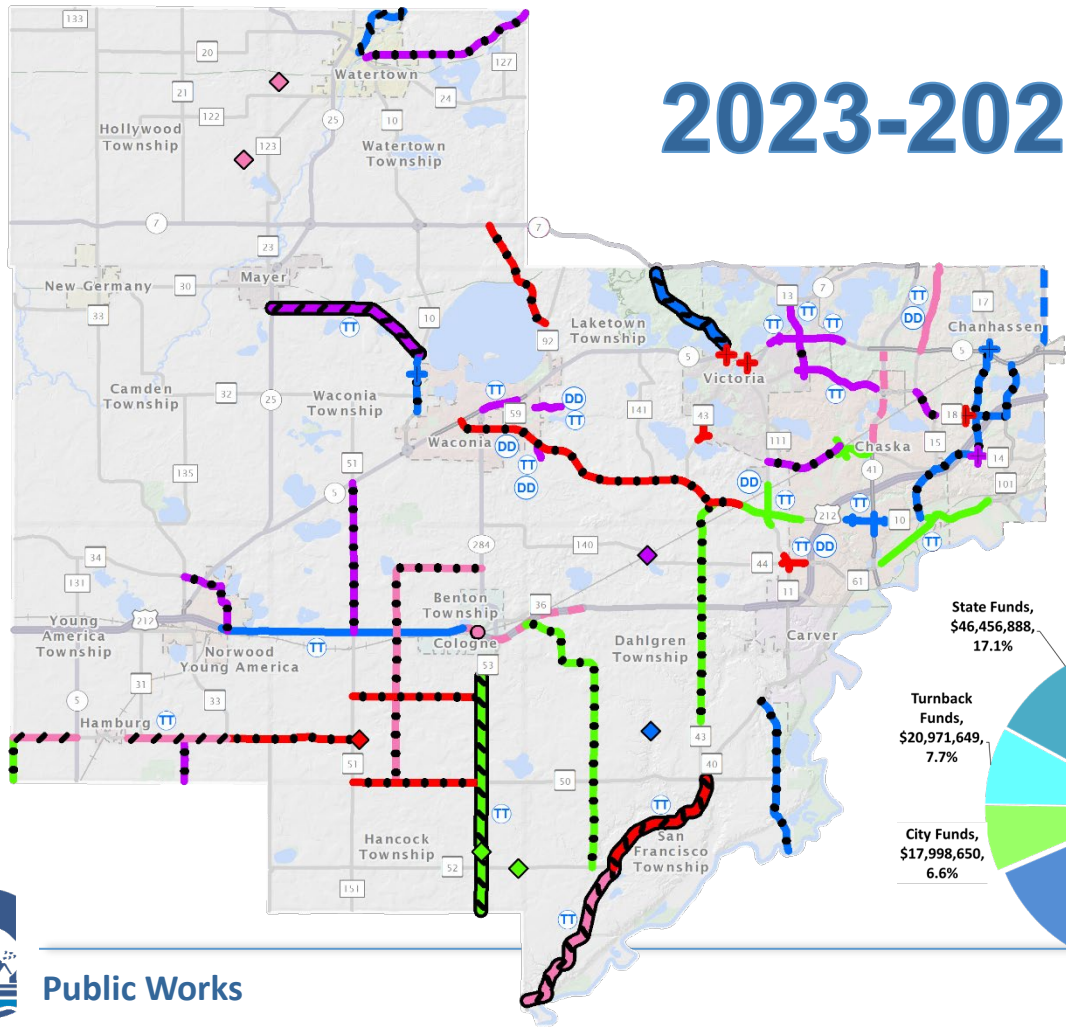


## Legend

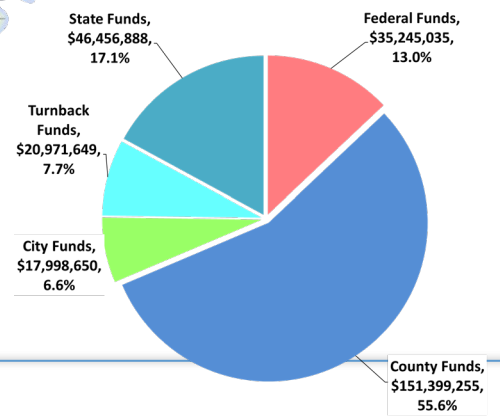
-  Bridge
-  Intersection Improvements
-  Pedestrian Crossing
-  Intersection Lighting
-  Construction
-  Major Rehab
-  Resurfacing
-  Partially Funded with Carver County Transportation Tax
-  Development Driven



# 2023-2027 CIP



**\$272,071,476**



**Public Works**

# 2018-2037 Transportation Tax Projects

## Legend

### Construction Projects

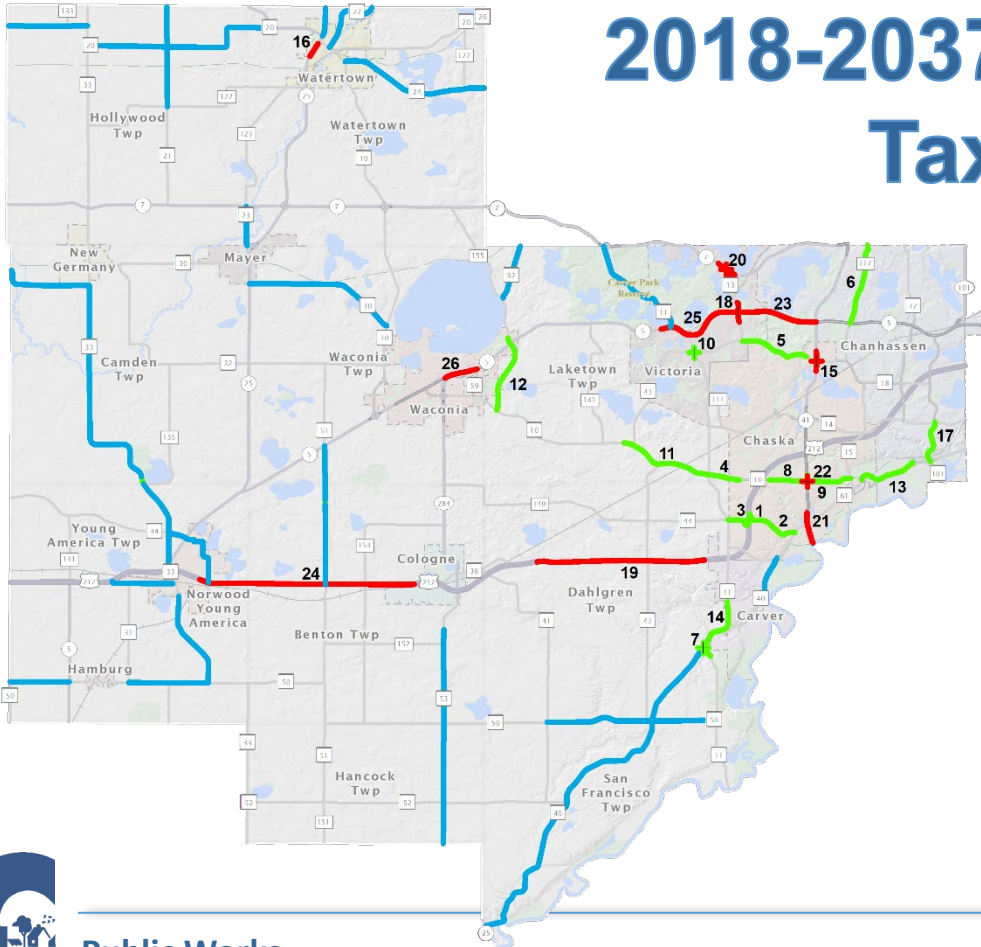
- County Highway
- Trunk Highway

### Intersection Improvements

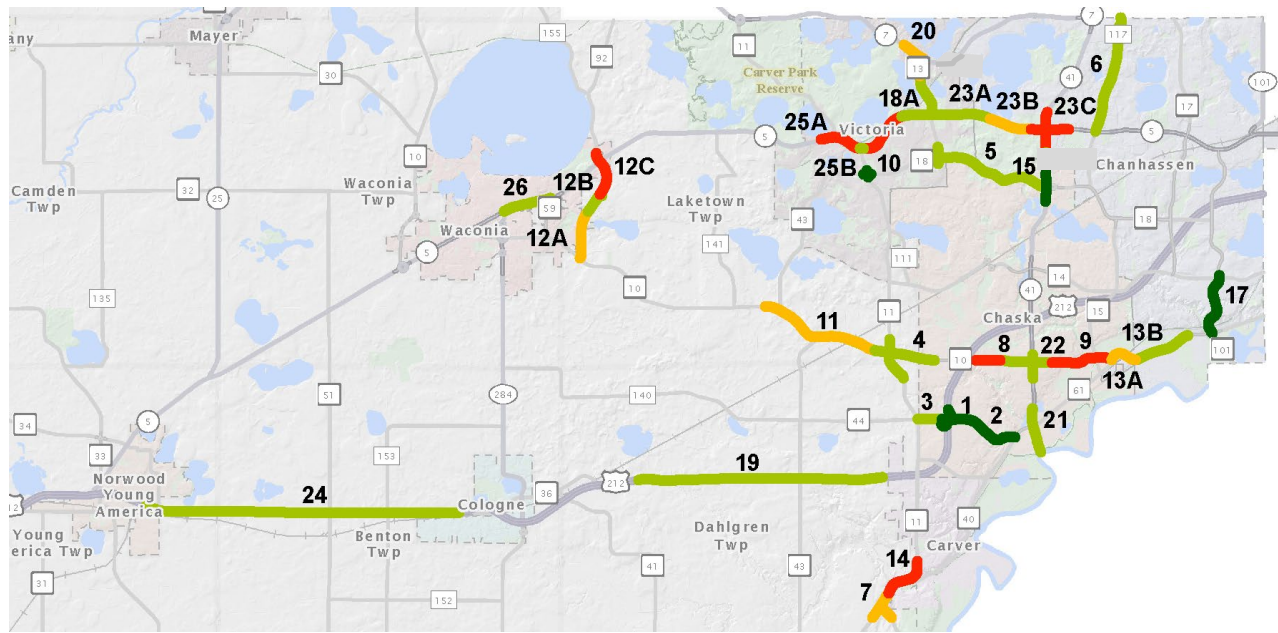
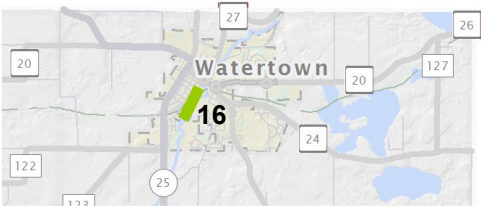
- + County Highway
- + Trunk Highway

### Major Rehab

- County Highway



# 2018-2037 Transportation Tax Implementation Plan



## Legend

### Major Rehab

● ● ● Major Rehab

### ConYearStartNbr

- █ Completed
- █ Short-Term 2021-2026
- █ Mid-Term 2027-2031
- █ Long-Term 2032-2040

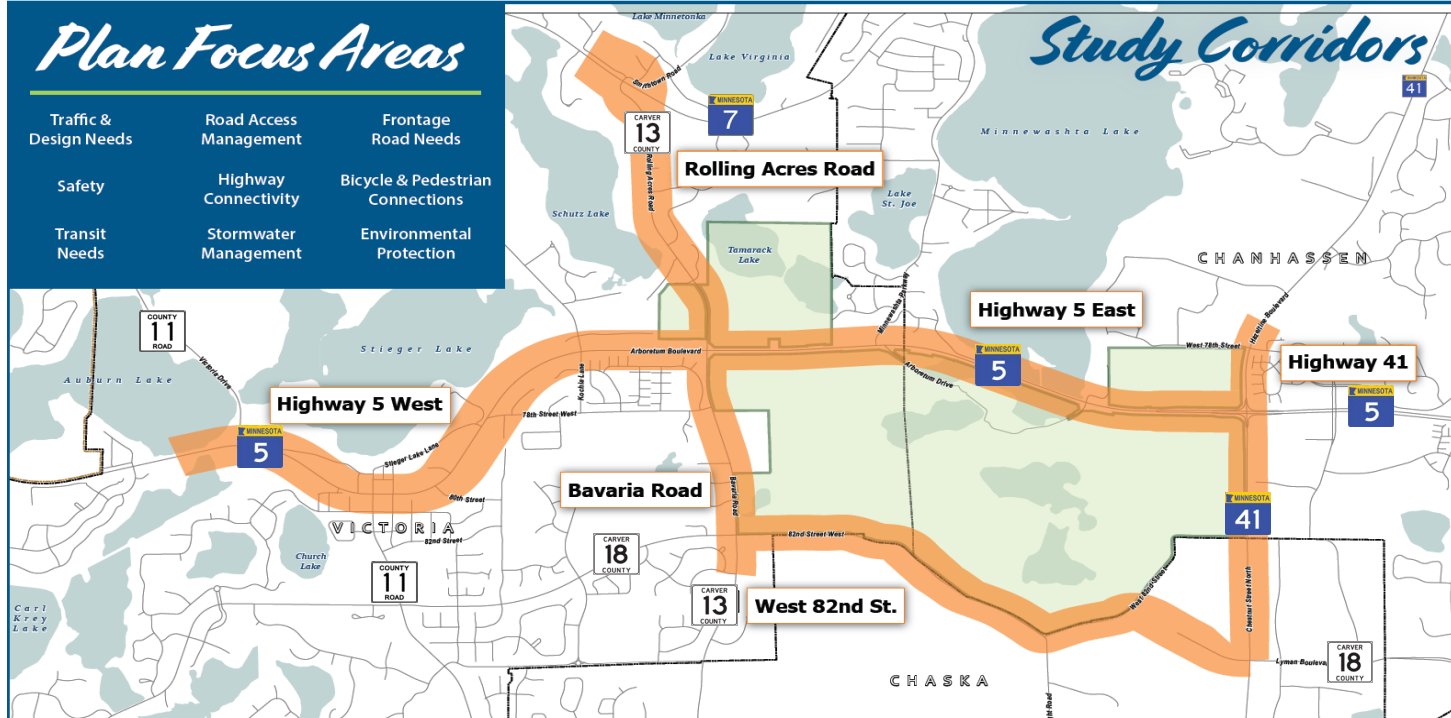


# Background Study

## Plan Focus Areas

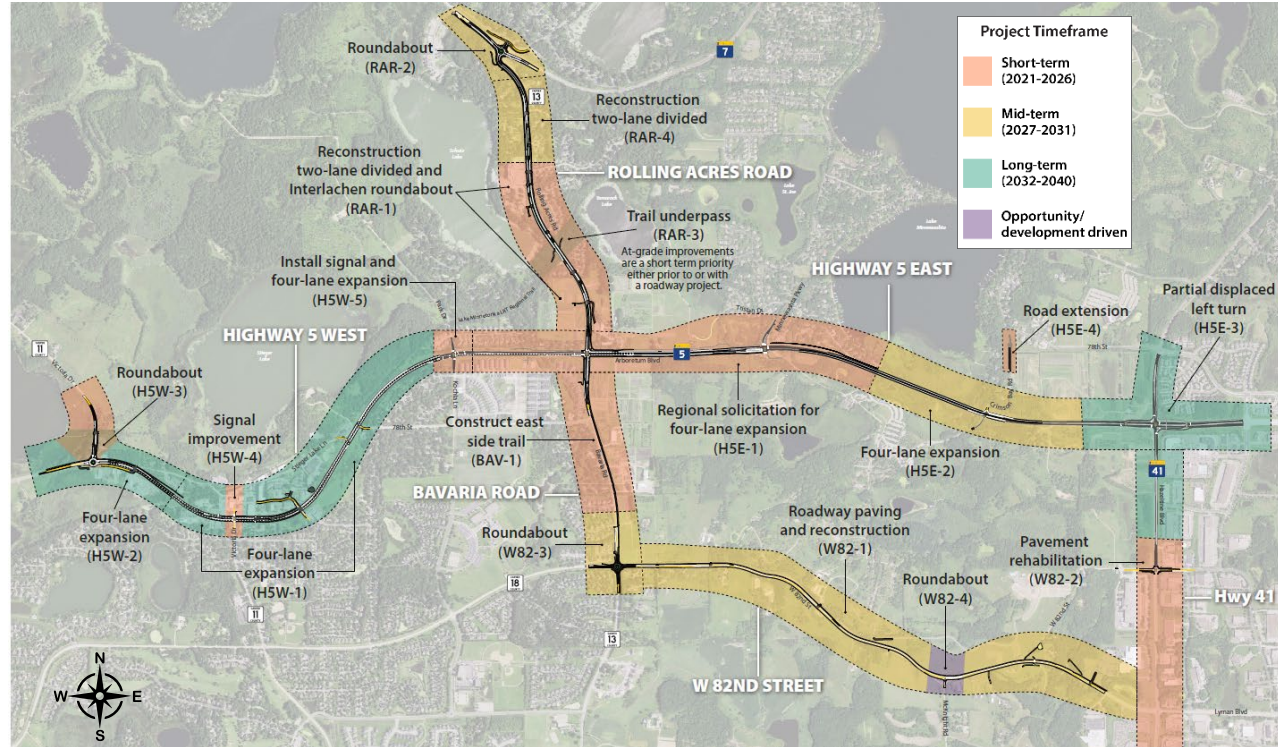
Traffic & Design Needs	Road Access Management	Frontage Road Needs
Safety	Highway Connectivity	Bicycle & Pedestrian Connections
Transit Needs	Stormwater Management	Environmental Protection

## Study Corridors



# 20-year Investment Plan

- 20 Projects
- Total Investment Needed \$206M\*
  - State \$140 million
  - County \$46 million
  - City \$20 million
- Funding
  - State \$15 million
  - County \$16 million
  - City \$7 million
  - Grants to Date \$10 million
  - Remaining **\$158 million**
    - County Sales Tax **\$79 million**
    - Future Grants **\$79 million**



\*All estimates assume build year inflation (2021-2040)





# Highway 5

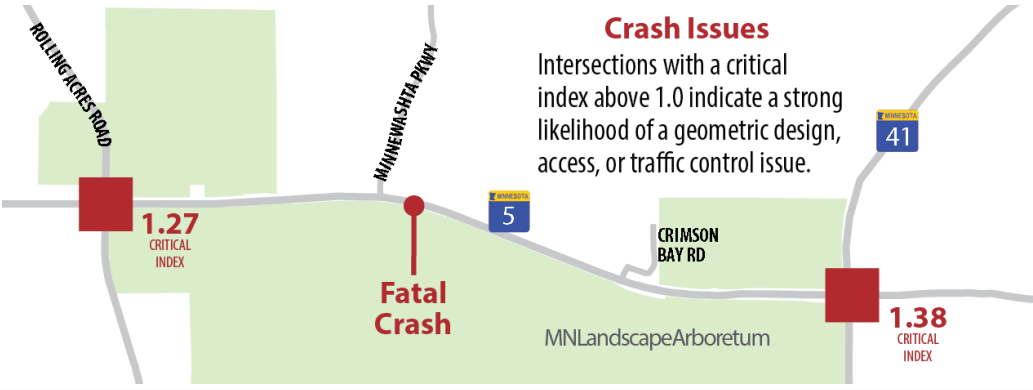
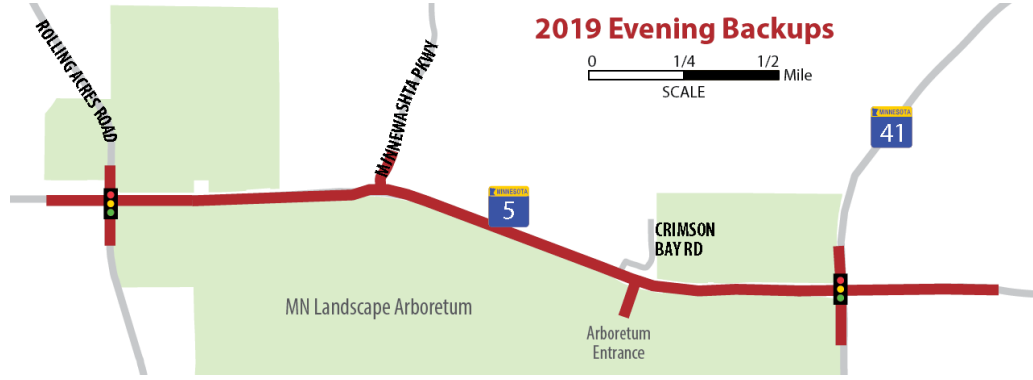
## Importance

- Regional Freight and Commuter Corridor
- Community Connection
  - Major E-W connection between Eden Prairie, Chanhassen, Chaska, Victoria, Waconia and Norwood Young America
- Primary Access to Mn Landscape Arboretum
  - 500,000 visitors per year
- Reliever to US 212 and Highway 7

## Issues

- Major Congestion on 2-Lane Road
  - 27,000 vehicle per day
  - 800 commercial vehicles per day
  - 950 hours annual delay during peak periods by 2040
- 187 Crashes (47 Injury) – 5 years
  - Crash Rate 2.5 times State Avg.
- Limited Pedestrian and Bicyclist Network

# Congestion and Safety Issues



# Lake Minnewashta Causeway Bridge



Public Works



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# Highway 5 East Solution



**Proposed 4-Lane Expansion**

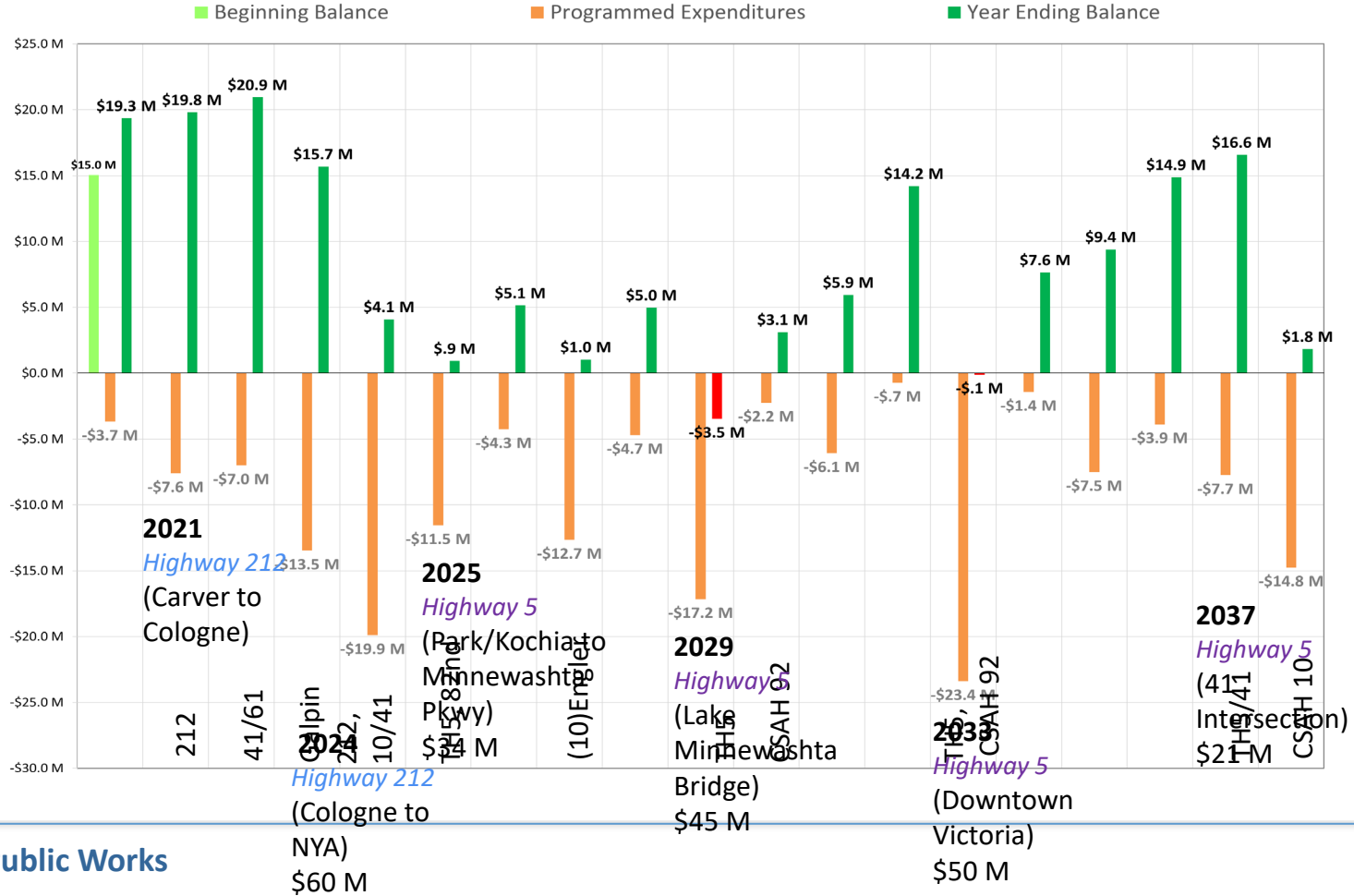
The diagram shows two rows of traffic flow icons. The top row has 6 icons (3 on each side of a center line), and the bottom row has 12 icons (6 on each side). A large blue arrow points from the top row to the bottom row, indicating the expansion.

**Expanding to 4-lanes would reduce delay by 70-80% for 2040 predicted traffic volumes.**

- TH5 East Investment Needs: \$82 million (2025)
  - 53M Funded, 29M Shortfall
- Investment Results
  - 70-80% delay reduction
  - Safe accommodations for all system users
  - Comprehensive pedestrian and bicyclist network
  - Improved air and water quality

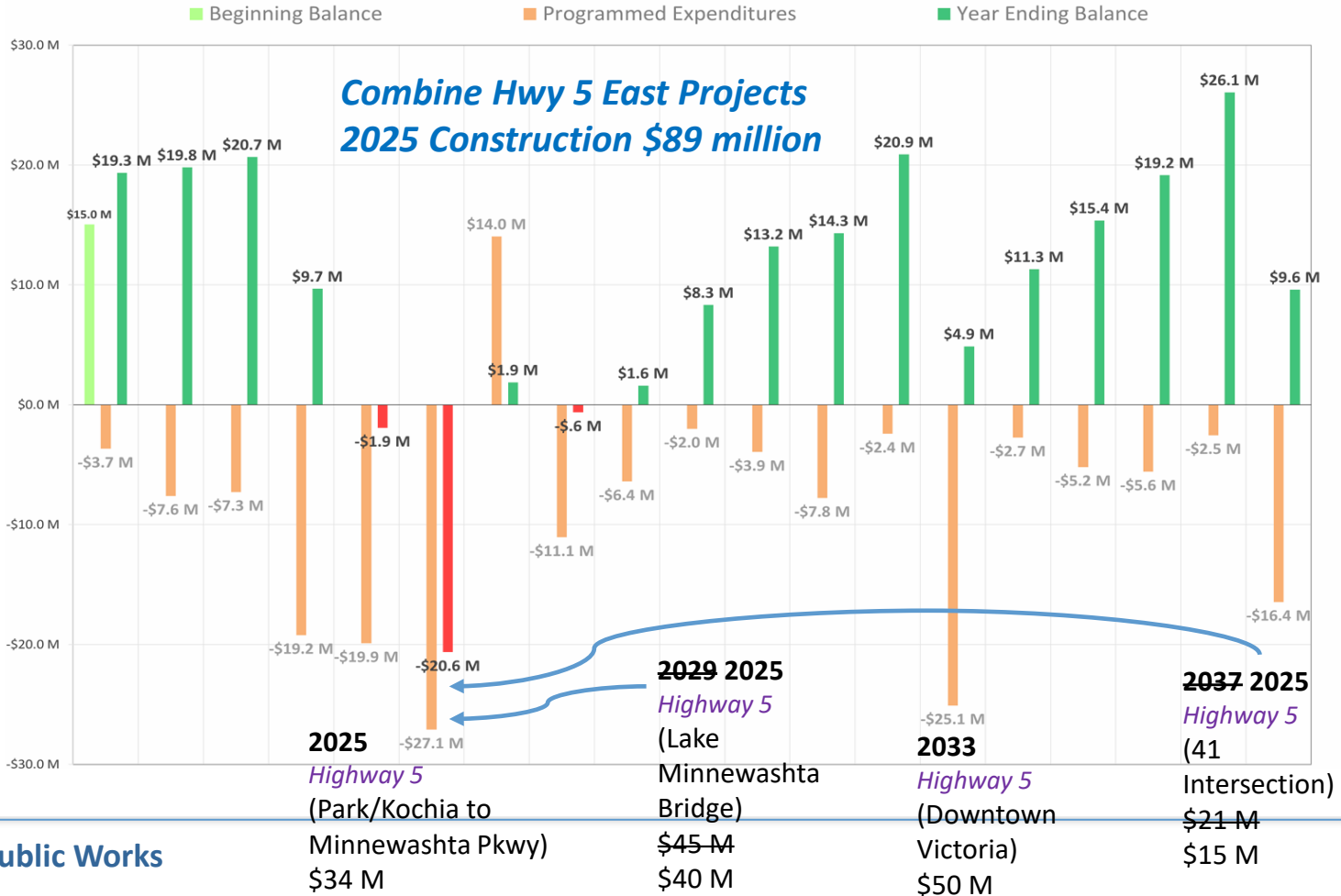


# 2020-2038 SALES TAX CASH FLOW WITH GRANTS



Public Works

# 2020-2038 SALES TAX CASH FLOW WITH GRANTS



Public Works

# Funding Requests, Next Steps

- **Congressional Requests Highway 5:**
  - \$2,000,000 for Design and Environmental Documentation
  - \$27,000,000 for Construction
- **TED Highway 5**
  - \$5,000,000
- **State Bonding:**
  - \$10,000,000 for CSAH 18 (82nd Street)
- **Next Steps**
  - Hire Program Manager – Dec 2021
  - Proceed with Preliminary Engineering - 2022
  - Submit Regional Solicitation Applications – Spring 2022
  - Apply for other State Funds, Bonding?
  - DOT Grants, RAISE, BUILD
  - Earmarks

