

















Today's Issues

- 27,000 vehicles (800 heavy commercial) per day (2019)
- Travel demands 50% above typical threshold for 4-lane conversion
- 180,000+ hours of annual peak period delay by 2040
- 187 crashes from 2014-2018 2.5x the state average for similar roadways
- The MN Landscape Arboretum attracts 500,000 visitors per year

Investment Results

- 70% delay reduction
- Accommodates up to 50,000 vehicles per day
- Efficient & reliable vehicle mobility
- Safe accommodation of all system users
- A solution that respects the environment

FY23 CDS funding allows the Highway 5 vision to be designed as one. A ready project will allow project partners to secure funding for phase one and two which need to be constructed as one large project to:

- **Maximize safety and reliability** Funding these projects together eliminates the scenario of 2-lane gap segment from being in-place which will under-perform.
- **Minimize disruption** Investing now allows the project to be built as one, minimizing the years of construction on Highway 5.

Fully funded \$29M project to expand Highway 5 to a 4-lane roadway in 2025



Remaining 2-lane system gap

Lake Minnewashta

1,900-FT-LONG BRIDGE

OR WAND ON HERE TO THE EAST

REGIONAL TRAIL CONSTRUCTED IN 2021

PEDESTRIAN UNDERPASS

Future Need

Minnesota Landscape Arboretum Investment Plans



The Minnesota Landscape Arboretum is a major employer and international destination, with more than 500,000 current annual visitors. As a vital educational and cultural resource for the region and the state, it welcomes more than 36,000 students field trip visits per year. The Arboretum anticipates the proposed improvements and planned development will allow youth education programming expansion by 30% (up to 60,000 students annually).



Planned Arboretum Investments Dependent on Highway 5 and 82nd Street Improvements

The following investments will generate an additional 100,000 annual visitors and an estimated 40 new jobs:

- » (A) \$7.4 million for a new entry, parking and egress
- » (B) \$4 million Farm at the Arb Education Center (construction beginning spring 2022)
- » (C) \$8 million new Apple House
- » (D) More than \$10 million for the Chinese Garden Expansion
- » (E) \$80 million Conservatory the current geothermal system was overbuilt for this

Investments anticipated to generate an additional 100,000 annual visitors!



The full potential of the planned Arboretum investments can only be realized if the capacity and safety issues on Highway 5 and 82nd Street are also improved. These investments are important for the Arboretum to maintain its strong self-sufficiency: currently almost 92% of its \$15M annual budget is earned through entrance and rental fees, sales, and community memberships.















