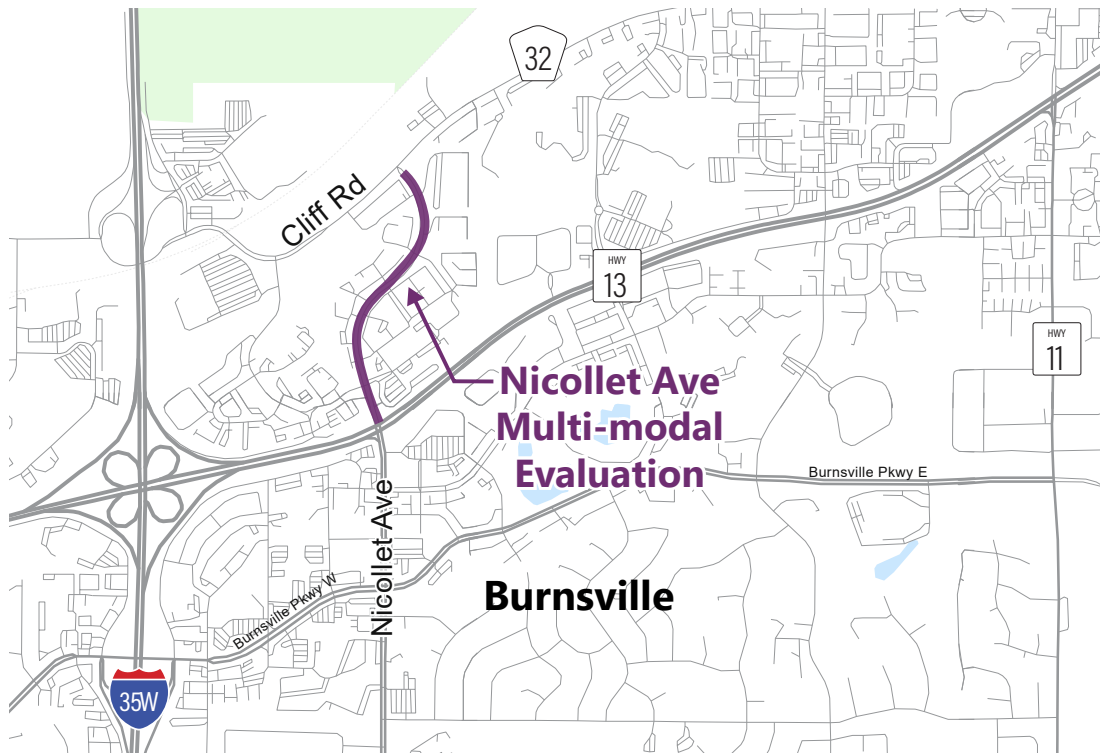


Nicollet Avenue Improvements Study Analysis + Preliminary Design Findings



About this Project

Updates to Nicollet Avenue between Trunk Highway 13 and Cliff Road are being developed to improve safety and mobility for people who use the road. Below are descriptions of the important considerations and findings of the project team for improvements to Nicollet Avenue.

About

Analysis was conducted in the section of Nicollet Ave between TH 13 and Cliff Rd. Five alternatives were evaluated. Evaluation criteria included vehicle operations, vehicle safety, walking and biking safety, drainage, utility impacts, environmental impacts, walking and biking connections, interchange connectivity, use of existing infrastructure, right-of-way impacts, and cost. An analysis was done to look at a potential pedestrian and bike crossing and expected traffic conditions in 2045.

Design

Five alternatives were evaluated. Each included at ten foot multiuse trail. Full details of the alternatives is explained on page 2 of this document.

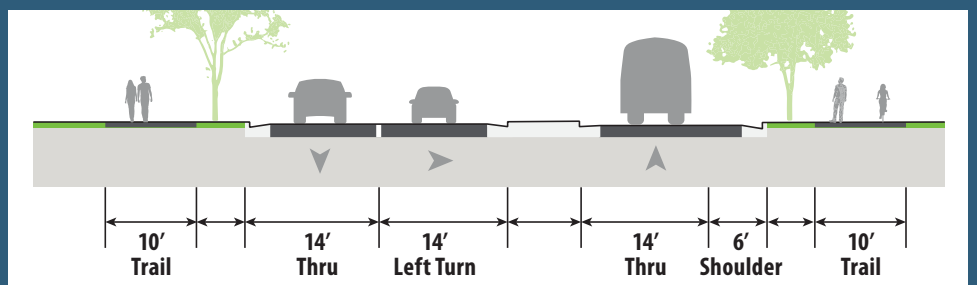
Multimodal Evaluation

An Analysis Was Done To Look At The potential addition of a crossing point along Nicollet Ave in between TH 13 and Cliff Rd. Safety features to consider for this crossing including striped crossings, warning signs, and lane reductions.

ALTERNATIVE 1

Reconstruct to a 3-lane section with trails on both sides

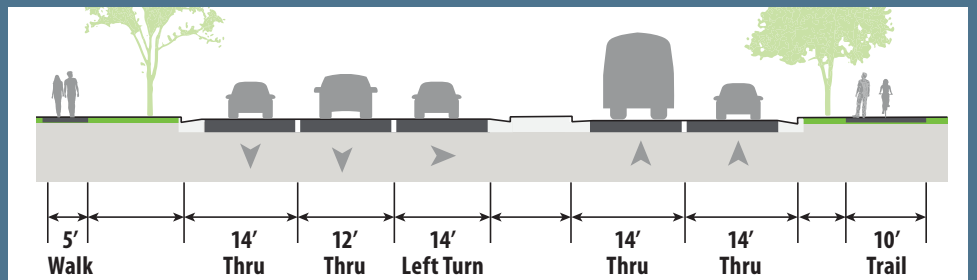
Cost: **High**



ALTERNATIVE 2

Construct a trail on the east side of Nicollet

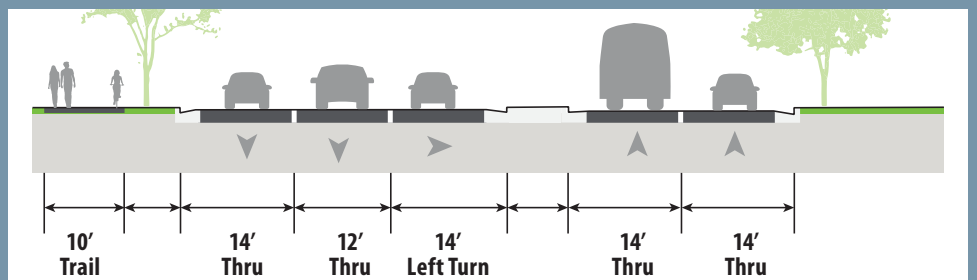
Cost: **Medium**



ALTERNATIVE 3

Reconstruct the sidewalk on the west of Nicollet to a trail

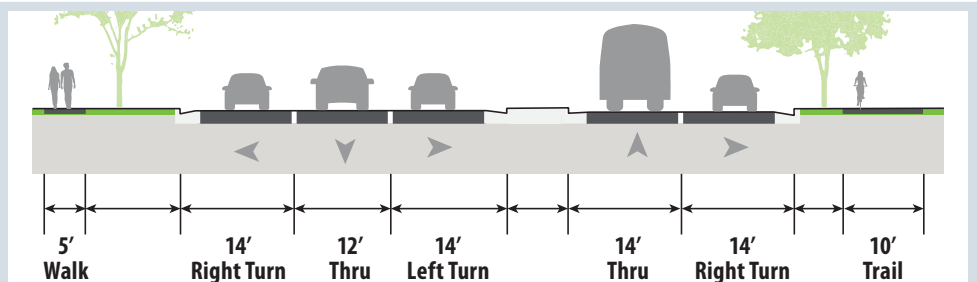
Cost: **Low**



ALTERNATIVE 4

Stripe Nicollet to a 3-lane section with shoulders/right turn lanes and construct a trail on the east side

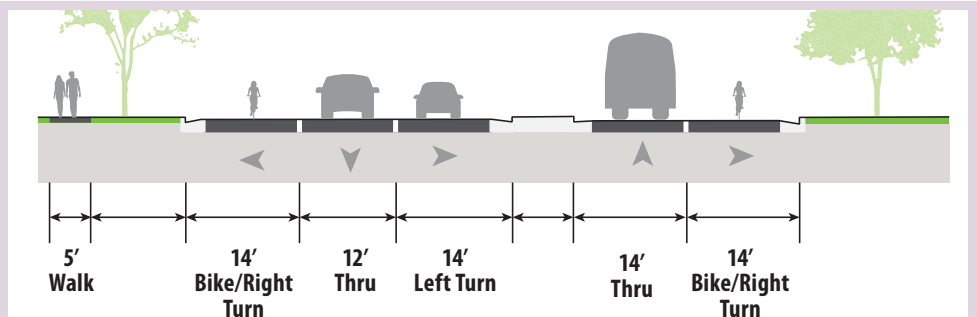
Cost: **Medium**



ALTERNATIVE 5

Convert the existing outside through lanes to on-street bike lanes

Cost: **Low**



Conclusion

The evaluation of the Nicollet Ave alternatives determined that Alternative 1 is the preferred, viable alternative. This alternative improves vehicle and pedestrian safety and addresses the Regional Bicycle Transportation Network needs all while maximizing the existing right of way.

Next Steps

Once the construction of the interchange of Nicollet Ave and Highway 13 is complete, further design development and evaluation of Nicollet Ave Alternative 1 is expected to be conducted at that time.