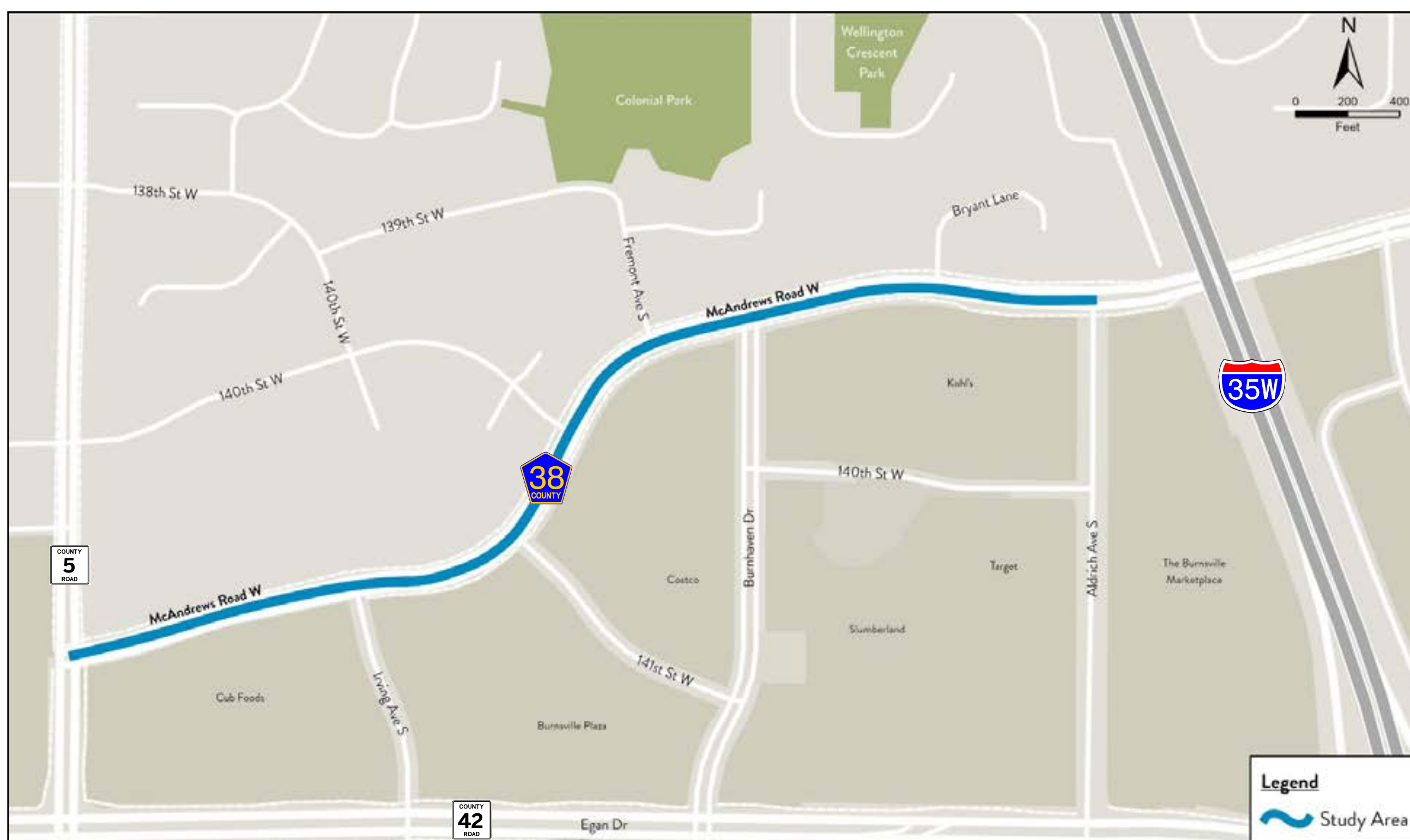## About this Study

Dakota County and the City of Burnsville are conducting a corridor study along McAndrews Road (County Road 38). The study is from County Road 5 to Aldrich Avenue.

What is a Corridor Study?

Corridor studies look at current and future needs of a transportation corridor. They look at data and get input from the community to find ways to improve safety and mobility and meet transportation goals.

Any improvements identified would be considered for potential future construction projects.

Study timeline

Corridor study and community engagement

Spring-summer 2024

Alternative concept development

Summer 2024-Spring 2025

Study recommendations

Fall 2025

Construction is anticipated to take one year to complete and tentatively planned to take place in 2028, 2029, or 2030.
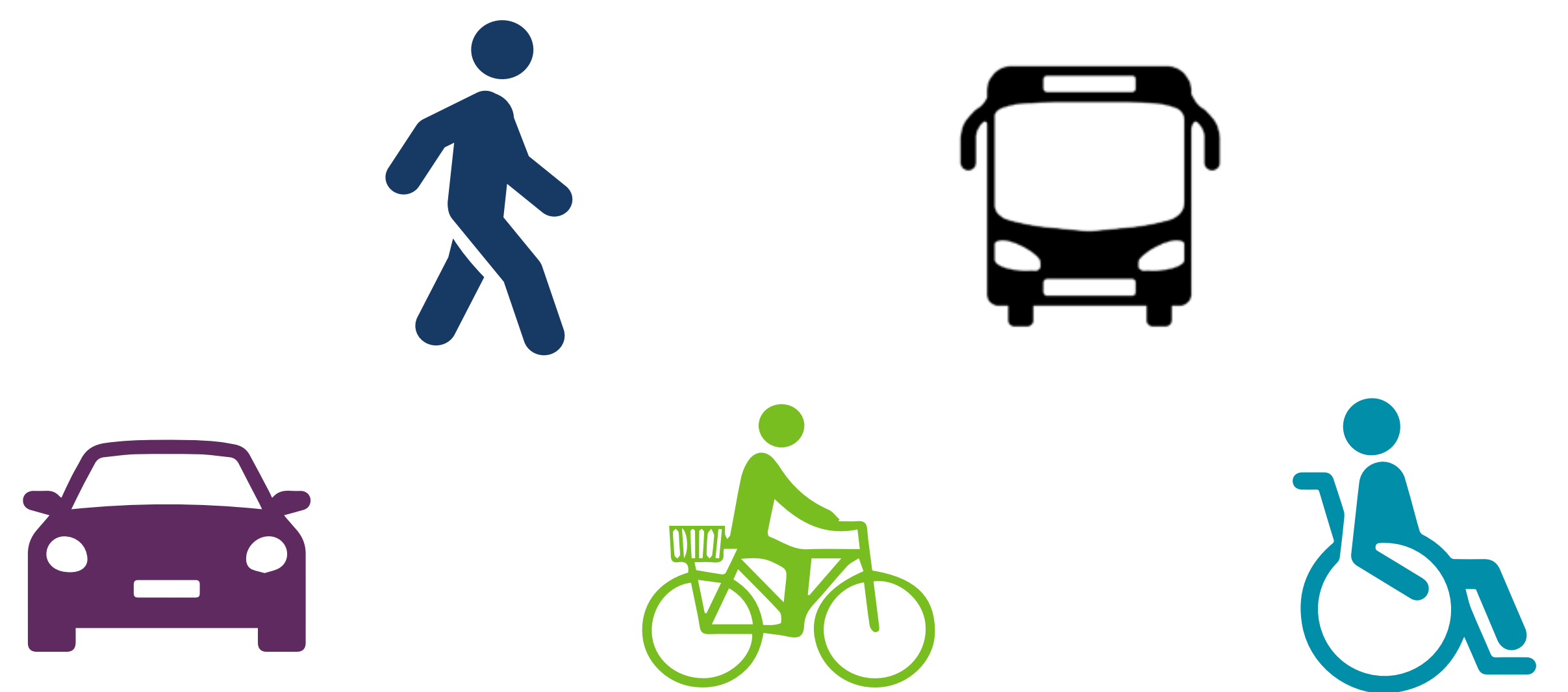
Dakota COUNTY

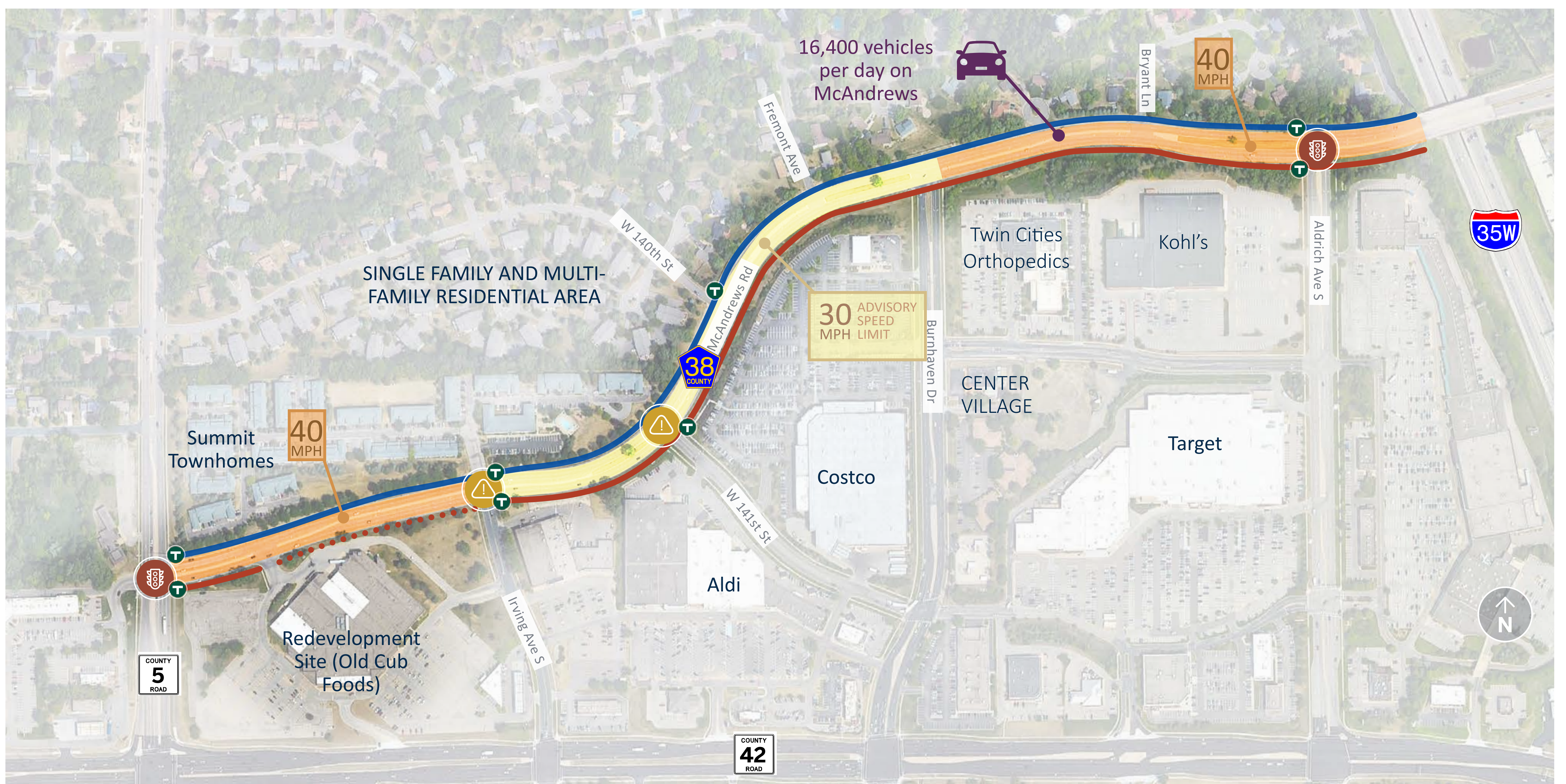City Of **Burnsville**

Project Goals

The primary goals of this study include:

- Improve intersection safety at Irving Ave, 141st St, and Burnhaven Dr

- Improve multimodal safety for walking, biking, and riding transit

- Improve crossing safety and connectivity across McAndrews Rd

- Conduct meaningful stakeholder engagement

- Provide preliminary design concepts

The study aims to determine opportunities to improve safety and mobility for all users in the community.

Corridor Context

16,400 vehicles per day on McAndrews

40 MPH

Bryant Ln

Fremont Ave

W 140th St

McAndrews Rd

SINGLE FAMILY AND MULTI-FAMILY RESIDENTIAL AREA

Twin Cities Orthopedics

Kohl's

35W

Aldrich Ave S

30 MPH ADVISORY SPEED LIMIT

Burnhaven Dr

CENTER VILLAGE

38 COUNTY

40 MPH

Summit Townhomes

W 141st St

Costco

Target

Aldi

Irving Ave S

Redevelopment Site (Old Cub Foods)

COUNTY 5 ROAD

COUNTY 42 ROAD

N

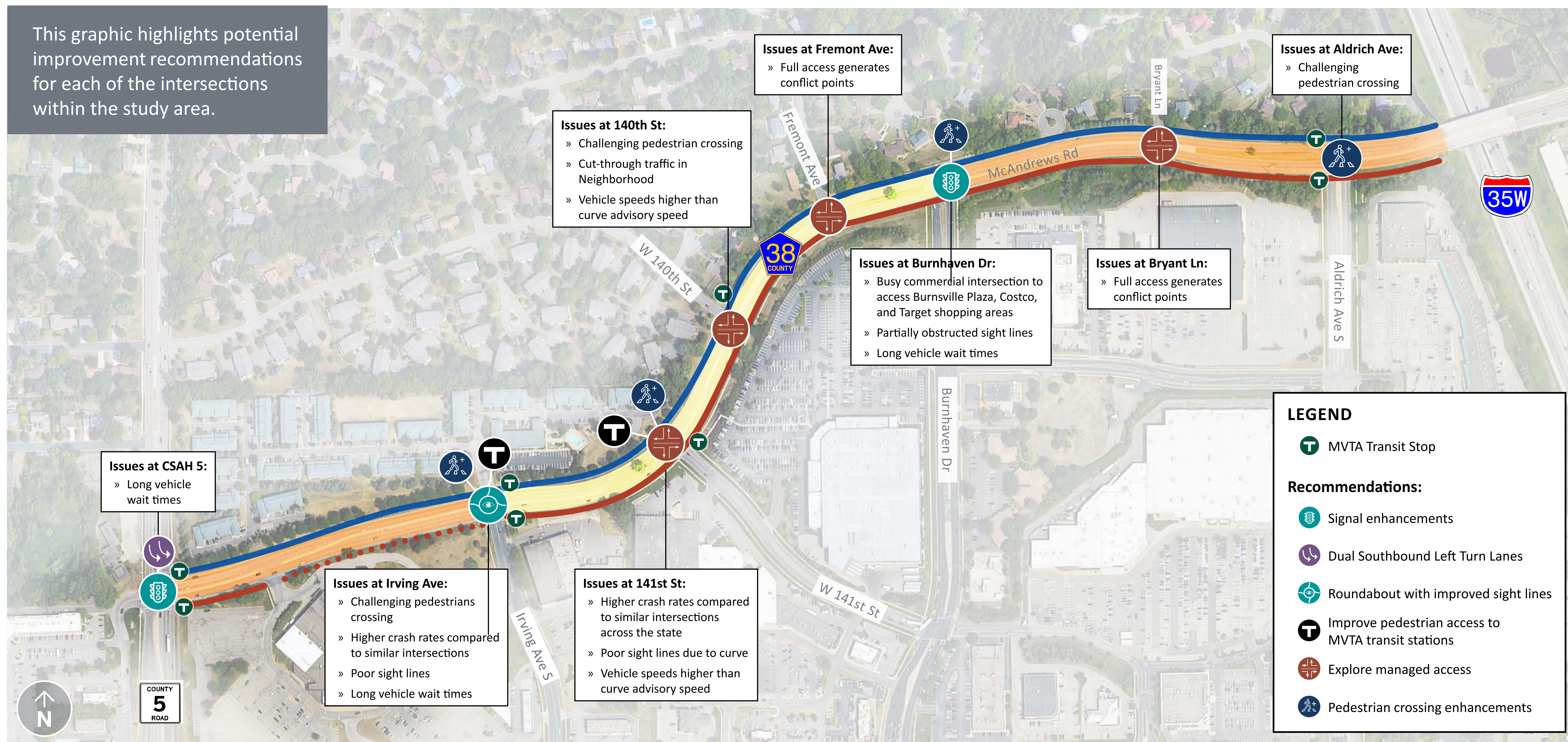| Legend		
🔴 Signalized intersection	🟢T MVTA Transit Route 444	🟡 Crash/severity rate above critical crash rate
— Existing multi-use trail	— Existing sidewalk	···· Sidewalk gap (planned to be addressed with the Cub Foods redevelopment)

SEH®

www.dakotacounty.us

Search: *'County Project 38-61'* or *'McAndrews Improvements'*

Provide feedback here tonight or online!

Intersection Issues and Recommendations Under Consideration

This graphic highlights potential improvement recommendations for each of the intersections within the study area.

Issues at Fremont Ave:
» Full access generates conflict points

Issues at Aldrich Ave:
» Challenging pedestrian crossing

Issues at 140th St:
» Challenging pedestrian crossing
» Cut-through traffic in Neighborhood
» Vehicle speeds higher than curve advisory speed

Issues at Burnhaven Dr:
» Busy commercial intersection to access Burnsville Plaza, Costco, and Target shopping areas
» Partially obstructed sight lines
» Long vehicle wait times

Issues at Bryant Ln:
» Full access generates conflict points

Issues at CSAH 5:
» Long vehicle wait times

Issues at Irving Ave:
» Challenging pedestrians crossing
» Higher crash rates compared to similar intersections
» Poor sight lines
» Long vehicle wait times

Issues at 141st St:
» Higher crash rates compared to similar intersections across the state
» Poor sight lines due to curve
» Vehicle speeds higher than curve advisory speed

LEGEND

T MVTA Transit Stop

Recommendations:

- Signal enhancements
- Dual Southbound Left Turn Lanes
- Roundabout with improved sight lines
- **T** Improve pedestrian access to MVTA transit stations
- Explore managed access
- Pedestrian crossing enhancements

McAndrews Rd

Fremont Ave

Bryant Ln

Aldrich Ave S

Burnhaven Dr

W 140th St

Irving Ave S

W 141st St

38 COUNTY

35W

COUNTY 5 ROAD

N

Managed Access Under Consideration

¾ Access Intersection

- ¾ access eliminates left and through movements from the minor street
- Beneficial in reducing left and right-angle crashes
- Reduces cut-through traffic through residential neighborhoods

Potential Locations:
- 141st St
- 140th St
- Bryant Ln

Right-in/Right-out Intersection

- Right-in/right-out intersection restricts traffic entering and exiting to a right turn only
- Vehicles cannot turn left from the restricted movements
- Beneficial at intersections that experience operational or safety problems

Potential Locations:
- Fremont Ave S
- McAndrews Rd Ct

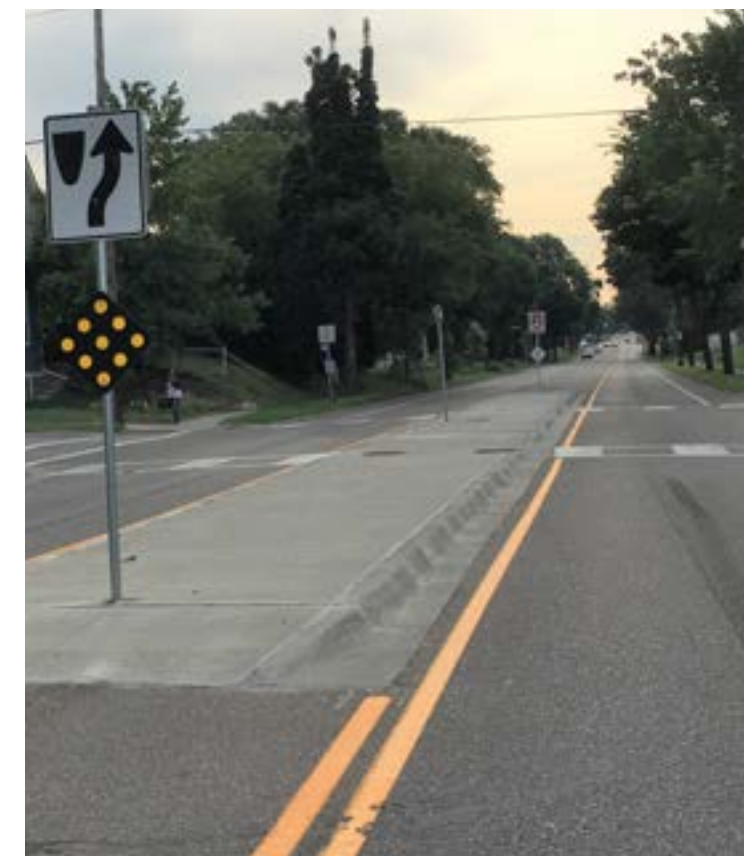# Multimodal and Crossing Enhancements

Multi-use Trails

- Identified opportunities to include 10-ft multi-use trails on both sides of McAndrews Rd
- Would improve multimodal connectivity and comfort along the roadway

Recommended Location:
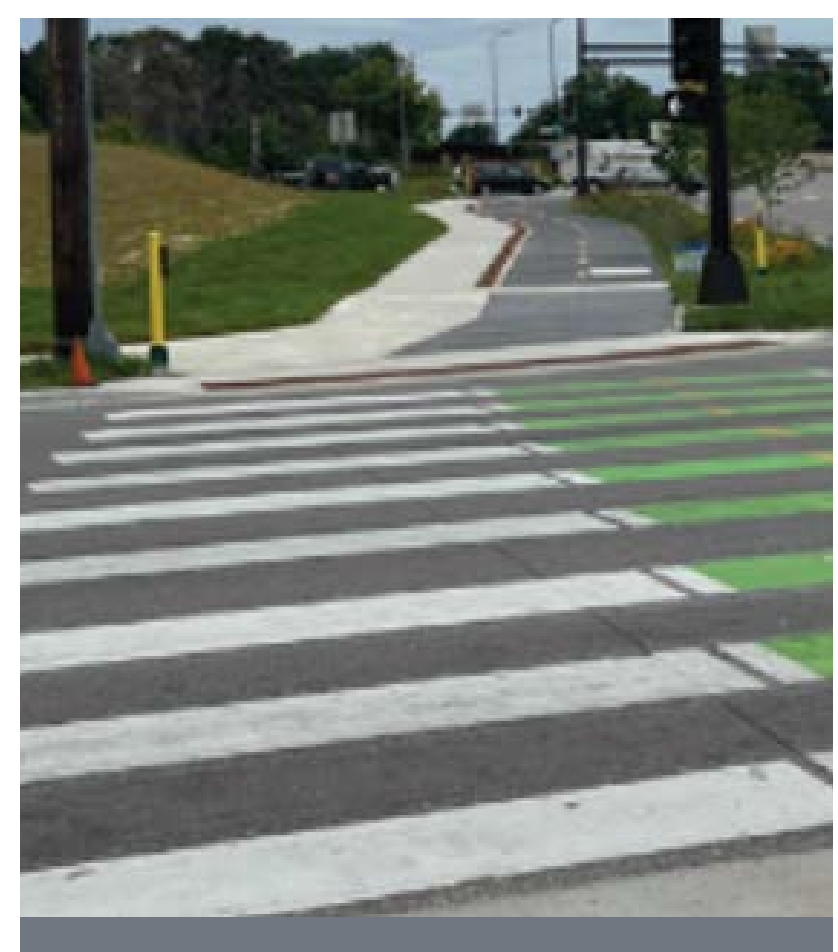- Length of corridor, both sides

Center Median/Pedestrian Refuge Island

- Center medians (or refuge/center islands) provide a place of refuge for people crossing
- Allows pedestrians to focus on crossing one direction of traffic at a time
- Provides more safe gaps in traffic

Recommended Locations:
- Irving Ave
- Burnhaven Ave
- 141st St
- Aldrich Ave S

Marked Crossing and Pedestrian Signing

- Marked crosswalks indicates to pedestrians the recommended crossing location
- May be recommended locations without signals or stop signs
- Improves driver awareness

Recommended Locations:
- CSAH 5
- Burnhaven Ave
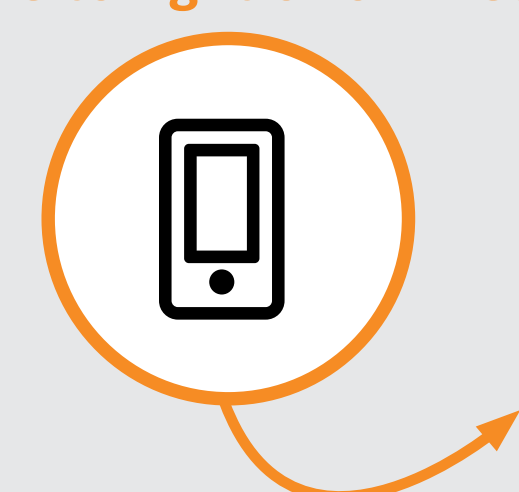- Irving Ave
- Aldrich Ave S

Accessible Pedestrian Signals (APS)

- Improves the communication features for pedestrians with visual impairments
- Communicates information about WALK and DON'T WALK intervals at signalized intersections through audible tones or speech messages
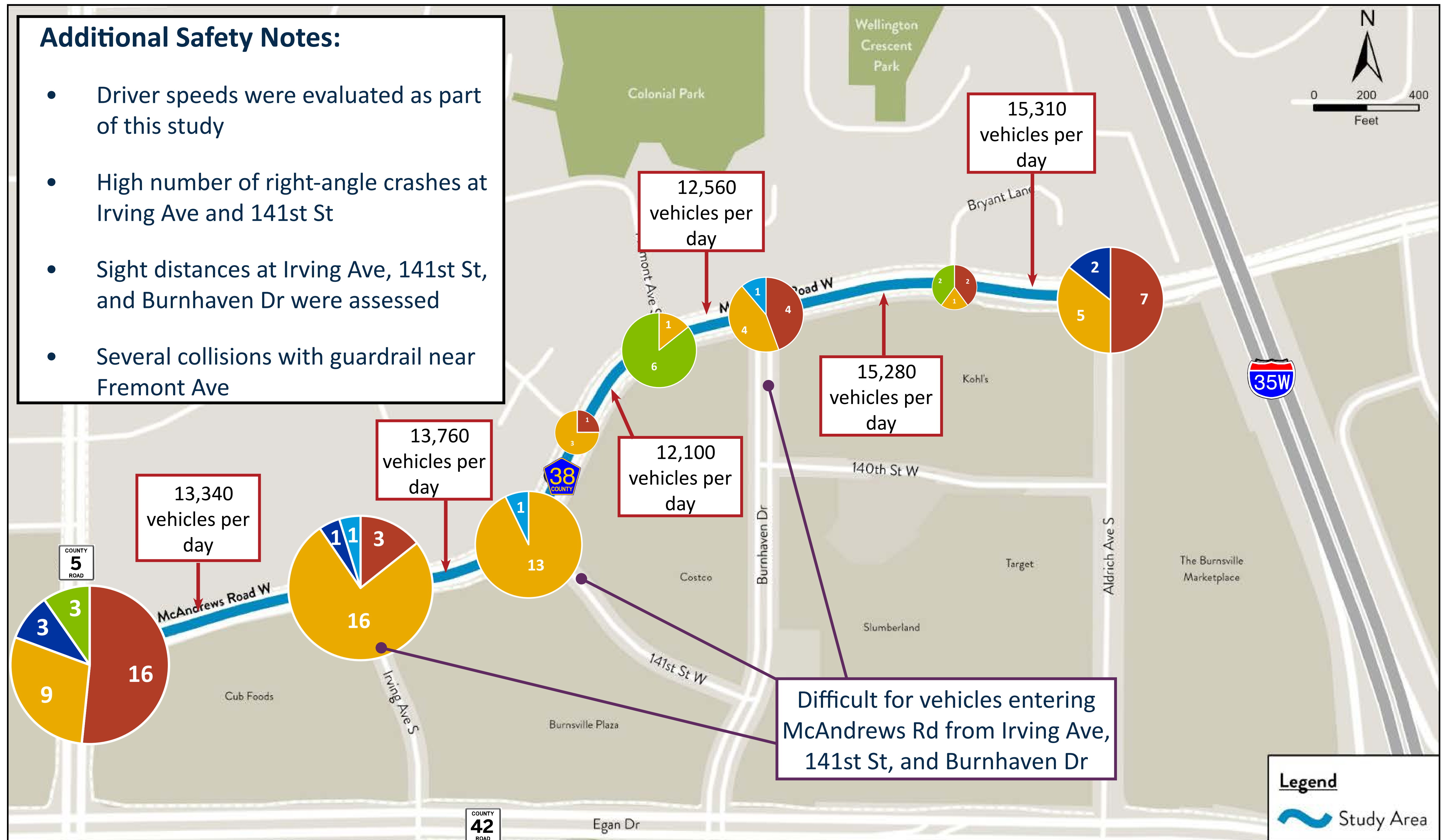- Could be recommended at existing or future signals

Recommended Location:
- Burnhaven Ave

Provide feedback
here tonight or online!

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Search: *'County Project 38-61'* or *'McAndrews Improvements'*

Dakota COUNTY

City Of Burnsville

Vehicle Crash History (2019 - 2023) and Yearly Traffic Volumes

Additional Safety Notes:

- Driver speeds were evaluated as part of this study

- High number of right-angle crashes at Irving Ave and 141st St

- Sight distances at Irving Ave, 141st St, and Burnhaven Dr were assessed

- Several collisions with guardrail near Fremont Ave

15,310 vehicles per day

12,560 vehicles per day

15,280 vehicles per day

13,760 vehicles per day

13,340 vehicles per day

12,100 vehicles per day

Difficult for vehicles entering McAndrews Rd from Irving Ave, 141st St, and Burnhaven Dr

Legend

~ Study Area

■ **Rear End**   ■ **Right Angle**   ■ **Sideswipe**   ■ **Single Vehicle**   ■ **Other**
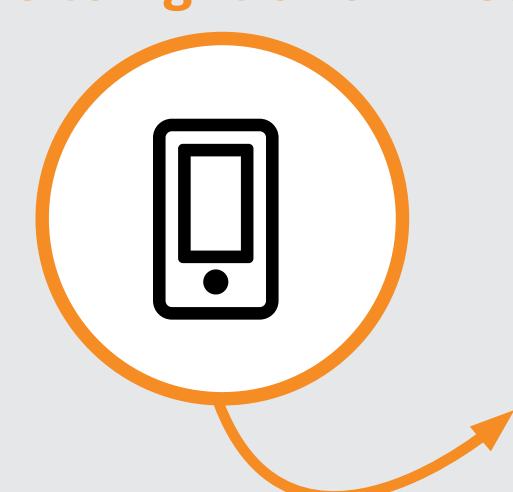
Irving Ave

141st St

Burnhaven Dr

Where do you live, work, and visit?

Place colored dots on the map to show where you (●) live, (●) work, and (●) visit.

If locations are not on the map, place the dots in the margins.

This information helps us understand who we are reaching!