



HENNEPIN COUNTY
MINNESOTA



Making connections

Hennepin County Board Briefing – March 9, 2023

Today's presentation and discussion

- Making critical connections
 - Overview
 - Broadband and digital inclusion
 - Transportation management
 - Transportation system connections

Investments supporting all domains

Making people-centered connections



Transportation

Investing in a safe, accessible and resilient multi-modal system

Connectivity

Expanding broadband and digital inclusion

Climate

Coordinate approach that prioritizes disparity reduction, cuts greenhouse gas emissions and adapts to climate hazards



Broadband and digital inclusion

Phil Essington, Office of Broadband and Digital Inclusion

Digital connectivity

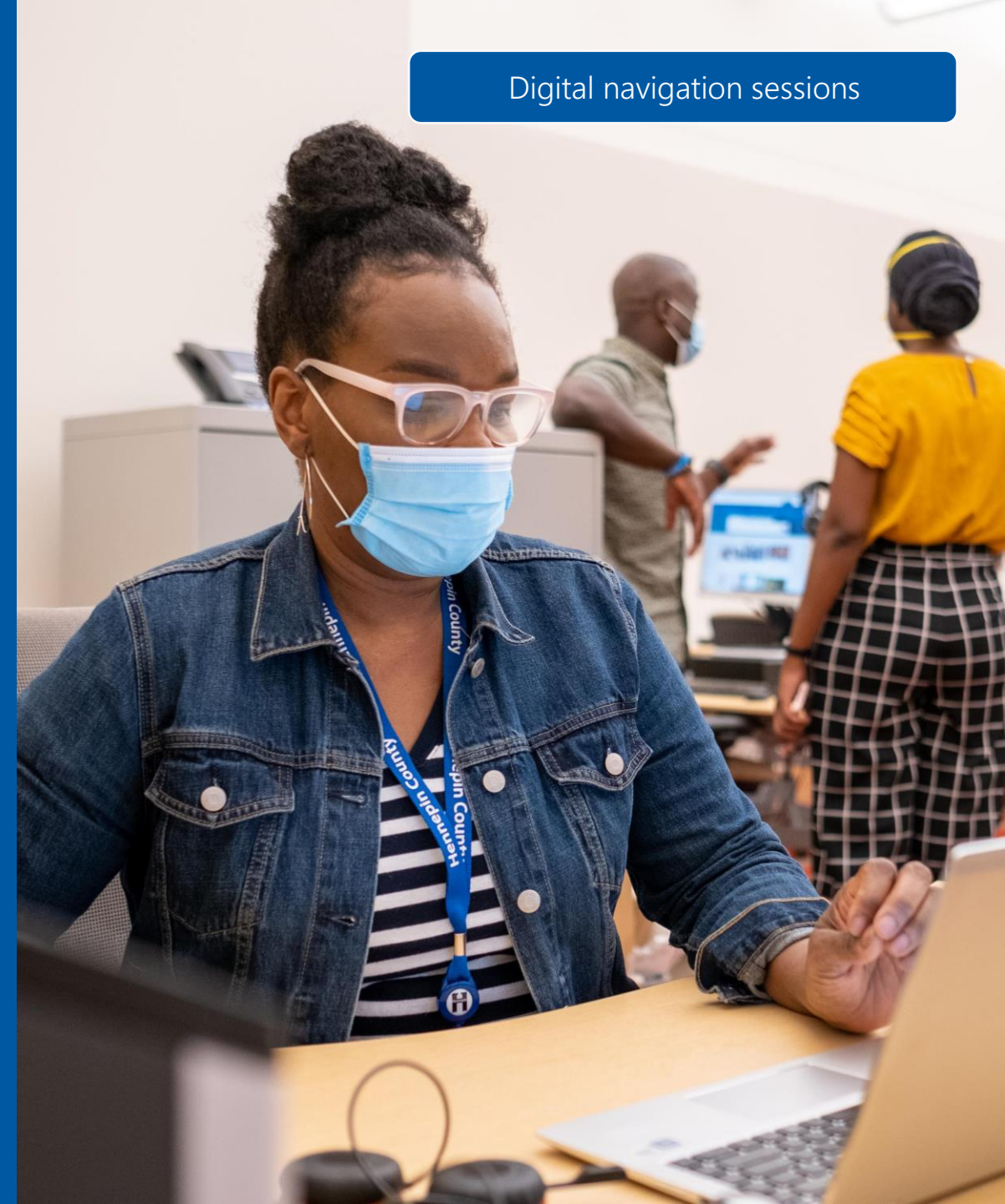
1. Significant benchmarks
2. Supporting residents in multifamily housing
3. Engaging our communities
4. Sustaining our partnerships and strategies



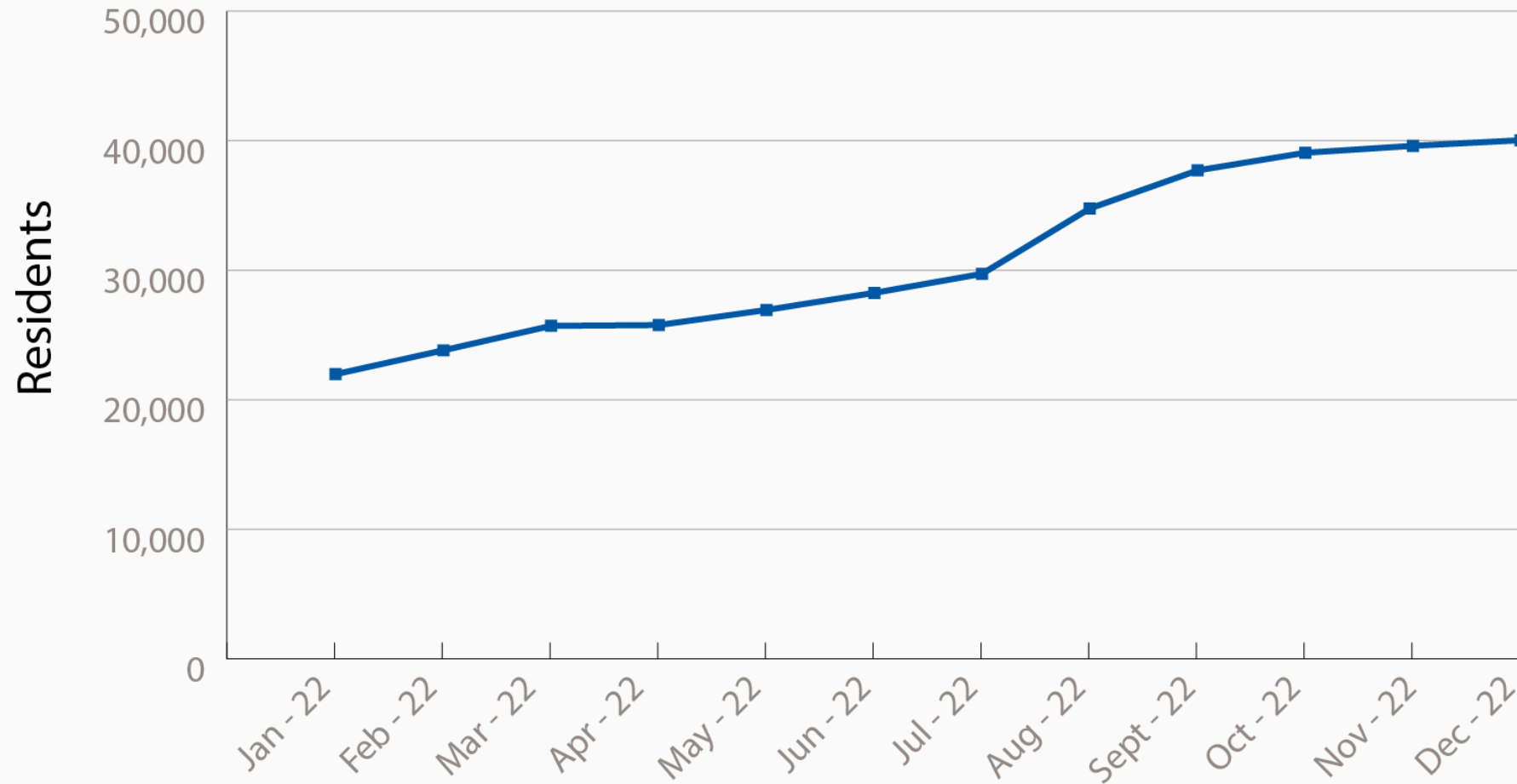
Significant benchmarks

Reducing disparities in access to health care, jobs, education and other areas

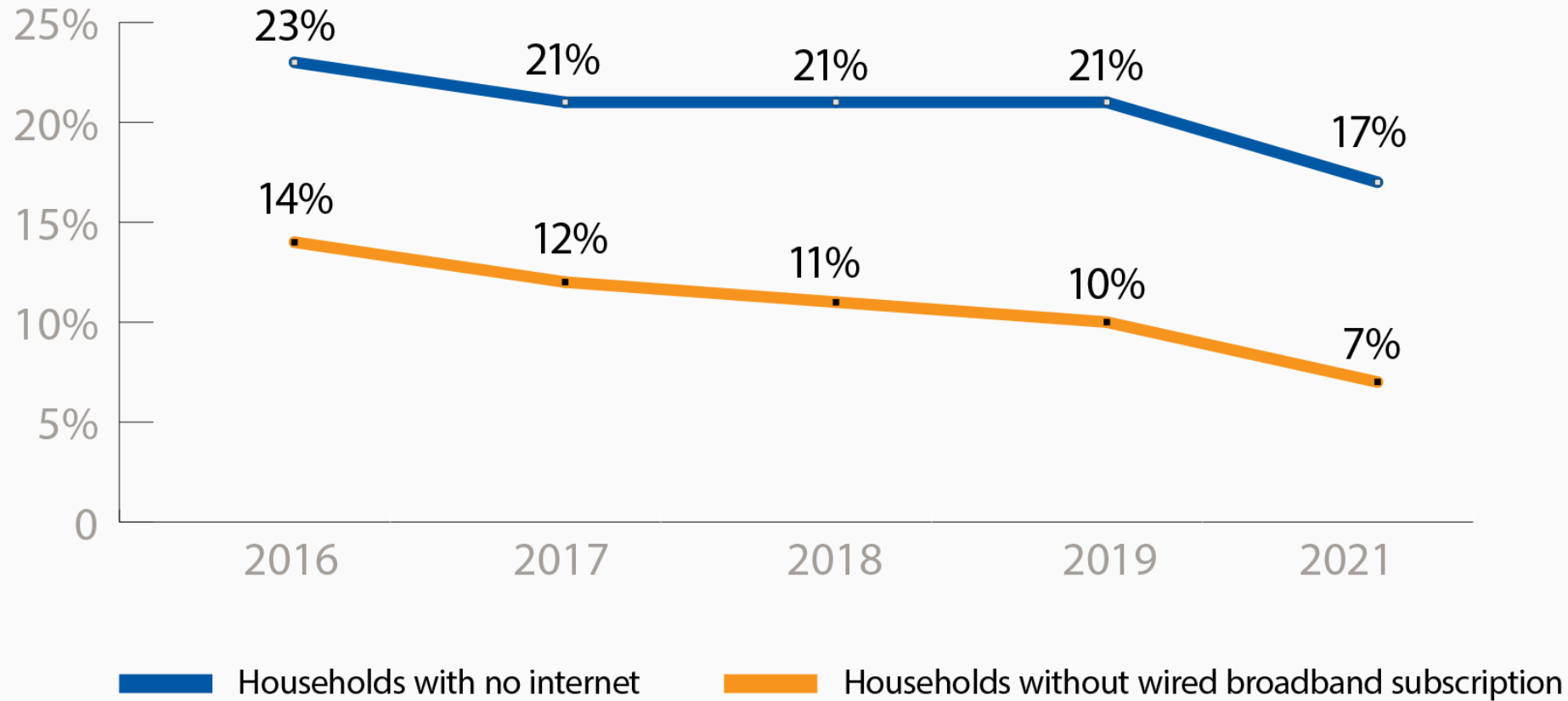
- Strengthening county services
- Partnering to build fiber infrastructure and ensure broadband availability countywide
- Collaborating with community partners



ACP enrollment data by month



Households not connected



No data for 2020.



Engaging our communities

- Broadband Expansion Fund
- Engaging communities, especially
 - BIPOC residents
 - Residents experiencing homelessness
 - Residents exiting the corrections system
 - Residents in low-income multifamily housing



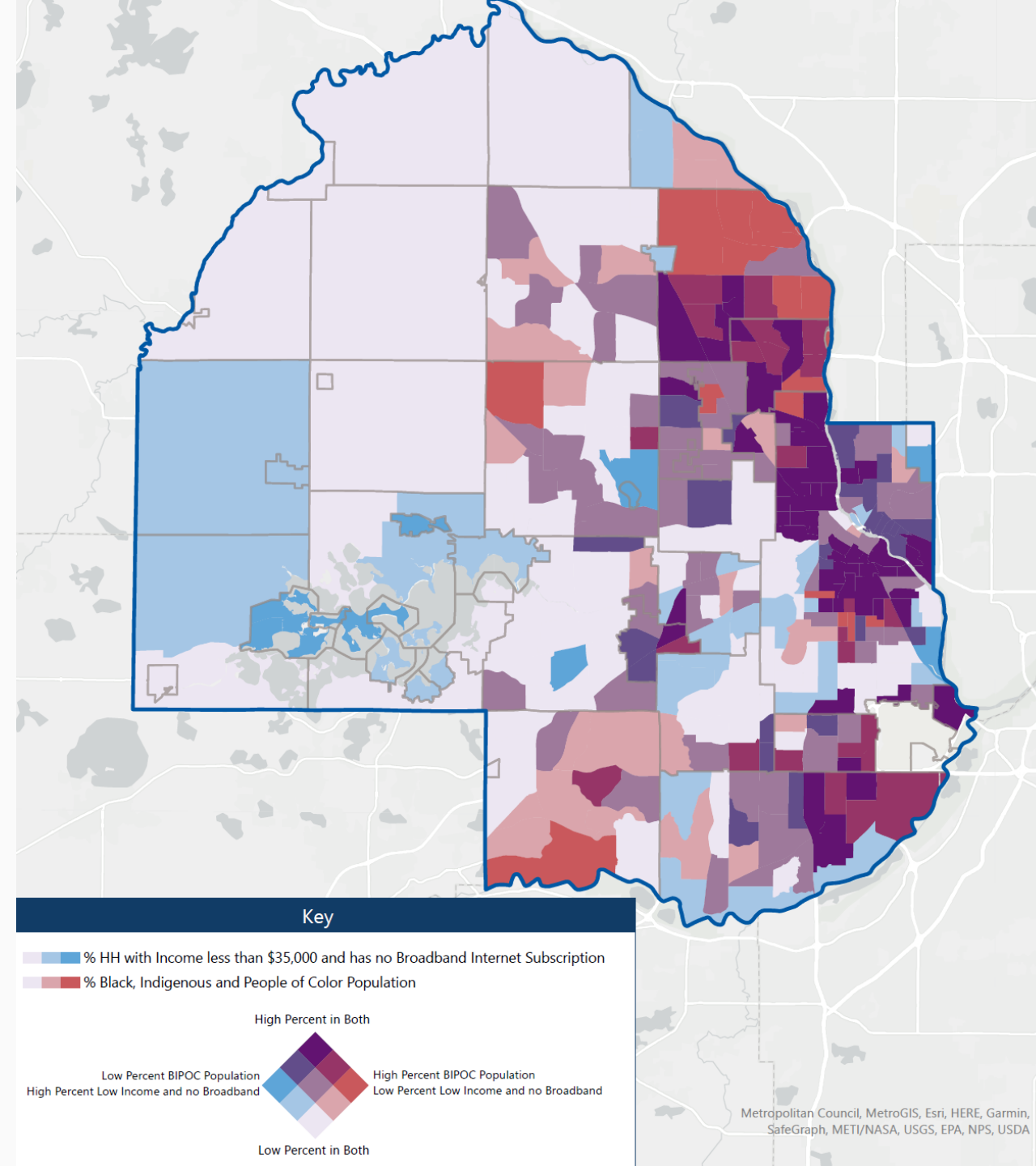
Supporting residents in multifamily housing

- IJA support for building-wide wifi
 - 38% of Hennepin households are renters
 - 43% of multifamily properties in Hennepin were built before 1970
- Single Room Occupancy
- County/HRA-financed affordable housing projects



Sustaining our partnerships and strategies

- Ensuring accurate broadband maps
- Individual challenge process via hennepin.us/internet
- IJA Broadband infrastructure grants



IJA Digital Equity Grants

- Digital navigation
- Internet safety training
- Digital literacy programs



Waxaa laga yaabaa in aad u qalantid



Lacag dhimis gaaraysa ilaa **\$30 bishiiba oo** qiimaha Internetka ah kana imaanaysa Affordable Connectivity Program (ACP). Barnaamijkan federaalka ka imaanaya ee ahi wuxuu ka caawinayaa degenayaasha Degmada Hennepin inay Internet haystaan.

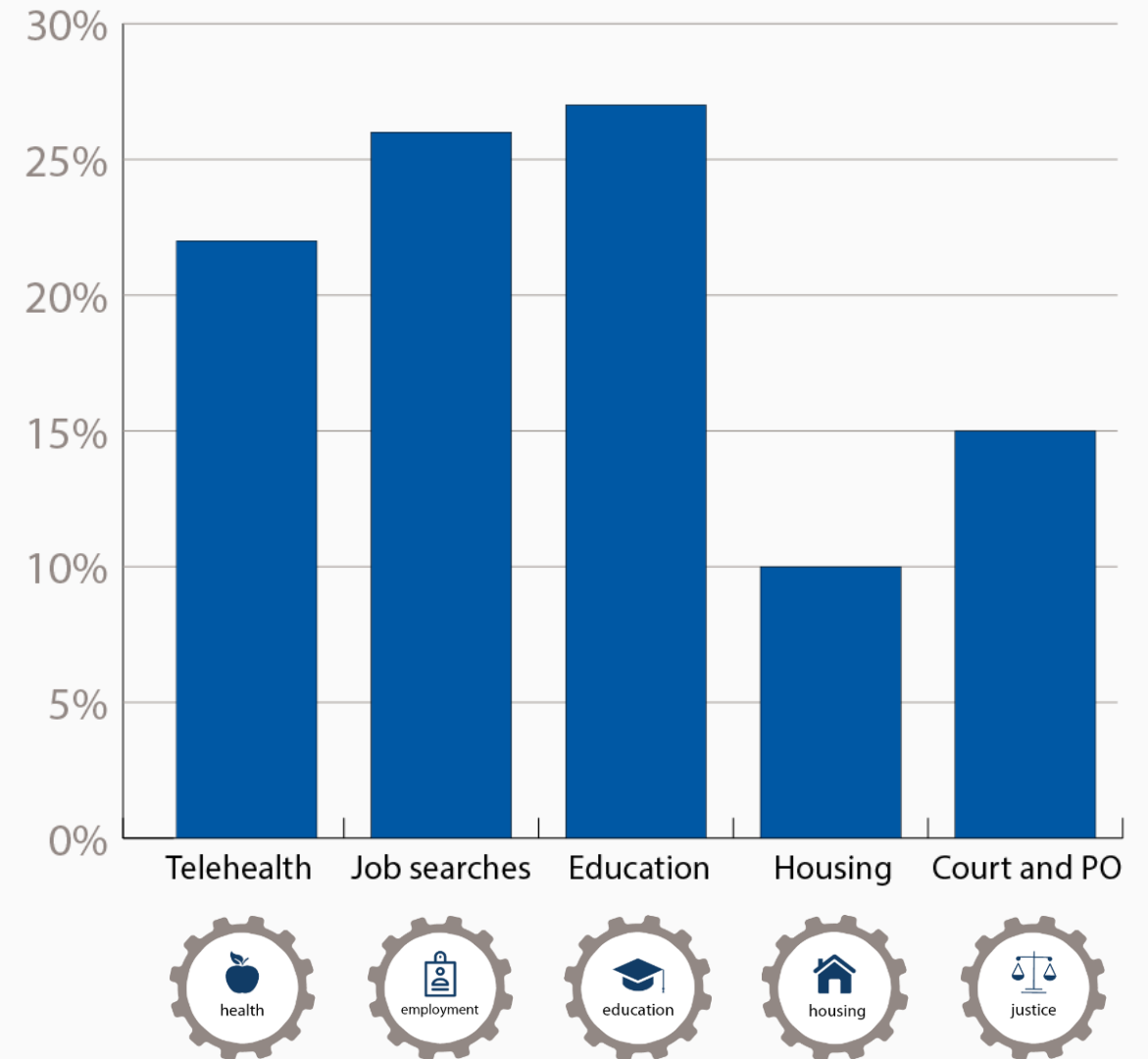


Ku codso online, boostada ama toos ula xiriir kuwa bixiya Internetka
Waxii dheeraad ahna ka baro bartan **hennepin.us/tech**. Ama wac **877-384-2575**.

Sustaining our partnerships and strategies

- Continuing commitment to helping residents get and stay online
 - Digital Navigation services
 - Making broadband available for all
 - Strengthening a coalition of partners
 - Enabling all residents to participate
- 14,000+ interventions since 2020
 - Reducing disparities
 - Adapting to and reducing climate change

OBDI Clients' primary use of technology



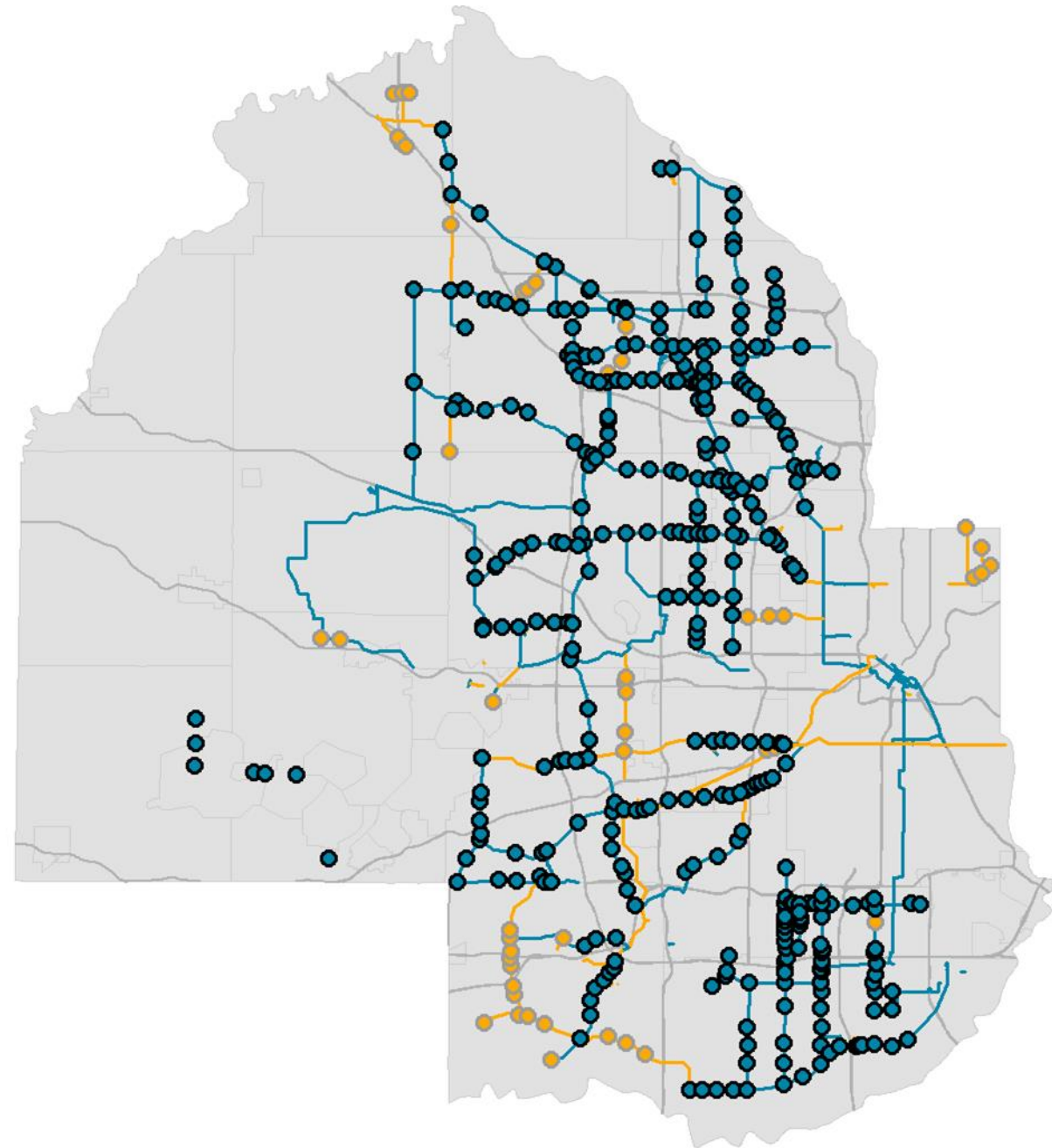
Using fiber and connections to manage transportation

Nick Erpelding, Transportation Operations – Traffic Operations Division Manager



Connecting traffic signals to fiber optic

- Traffic signal connected (370)
- Traffic signal connection planned (50)
- Existing Hennepin County Fiber Optic
- Proposed Hennepin County Fiber Optic



What is ATMS?

Pan/Tilt/Zoom Camera, Extension and Cable

Existing Video Detection Remains

Controller Updates



To Hennepin County
Video Storage/TMC

Fiber Optic Communication

Using fiber optic backbone to manage transportation

- Located at Traffic Management Center (TMC) at Public Works Facility in Medina
- Real-time adjustments



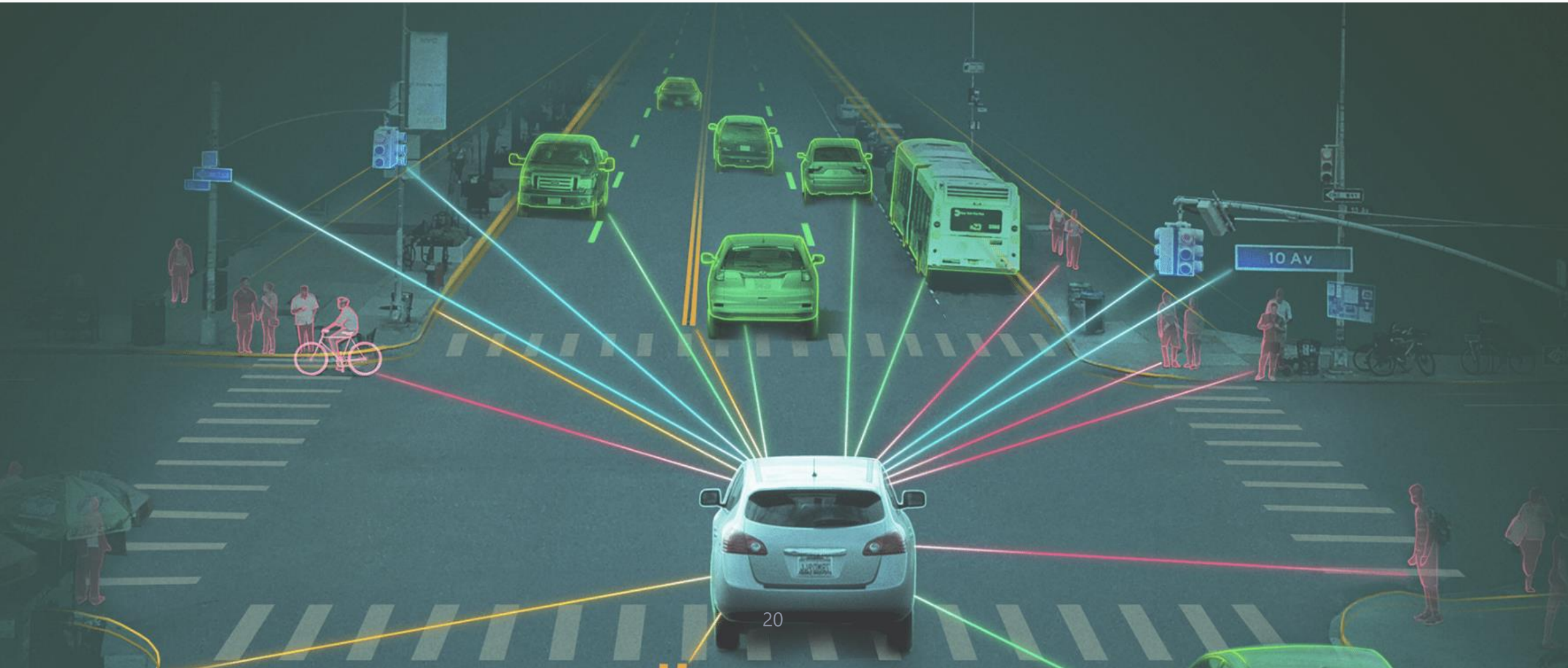
Modernizing transportation management

Using fiber and technology

- Improves safety
- Reduces emissions
- Enhances multi-modal transportation



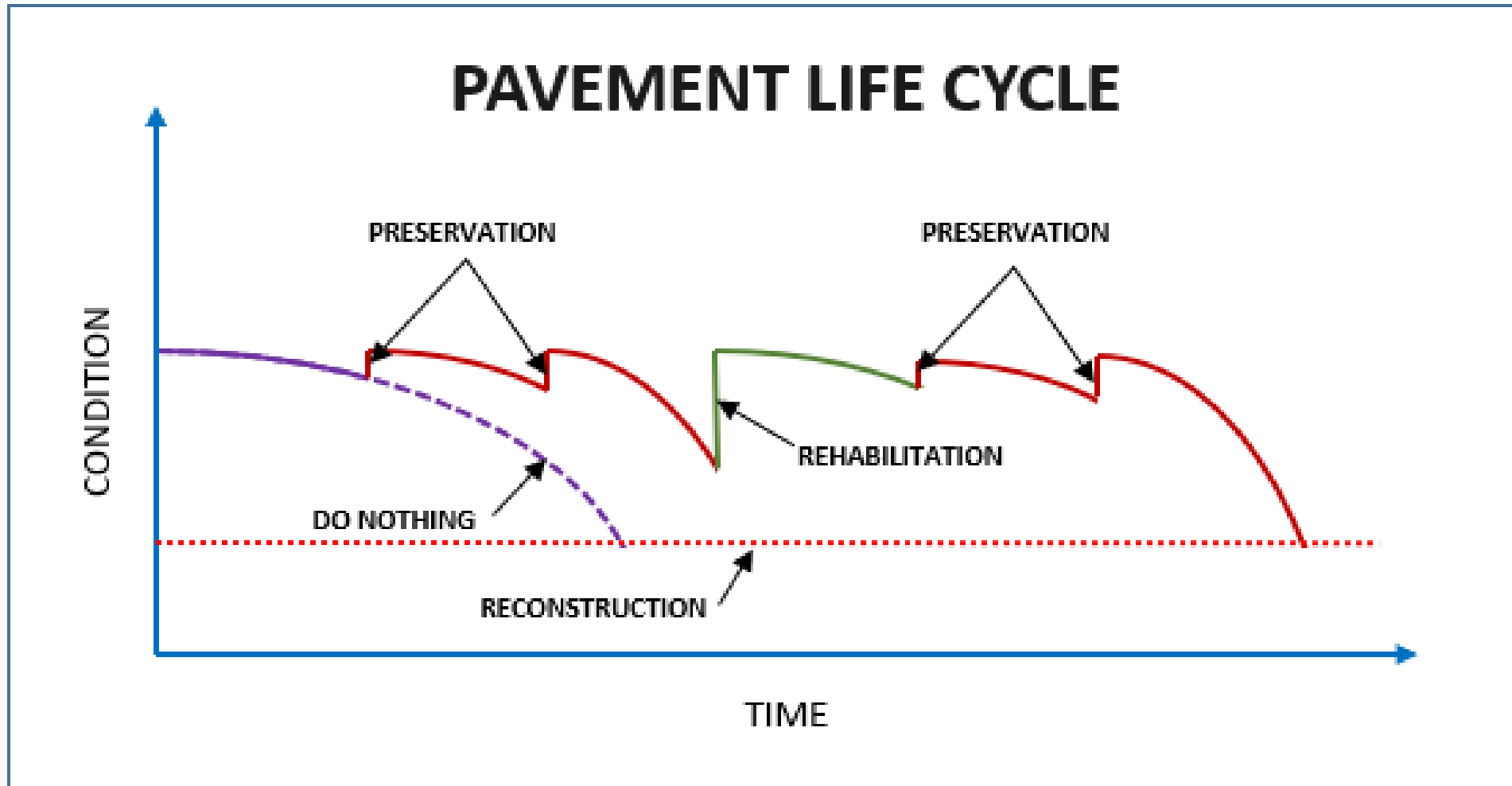
Positioning for future connections



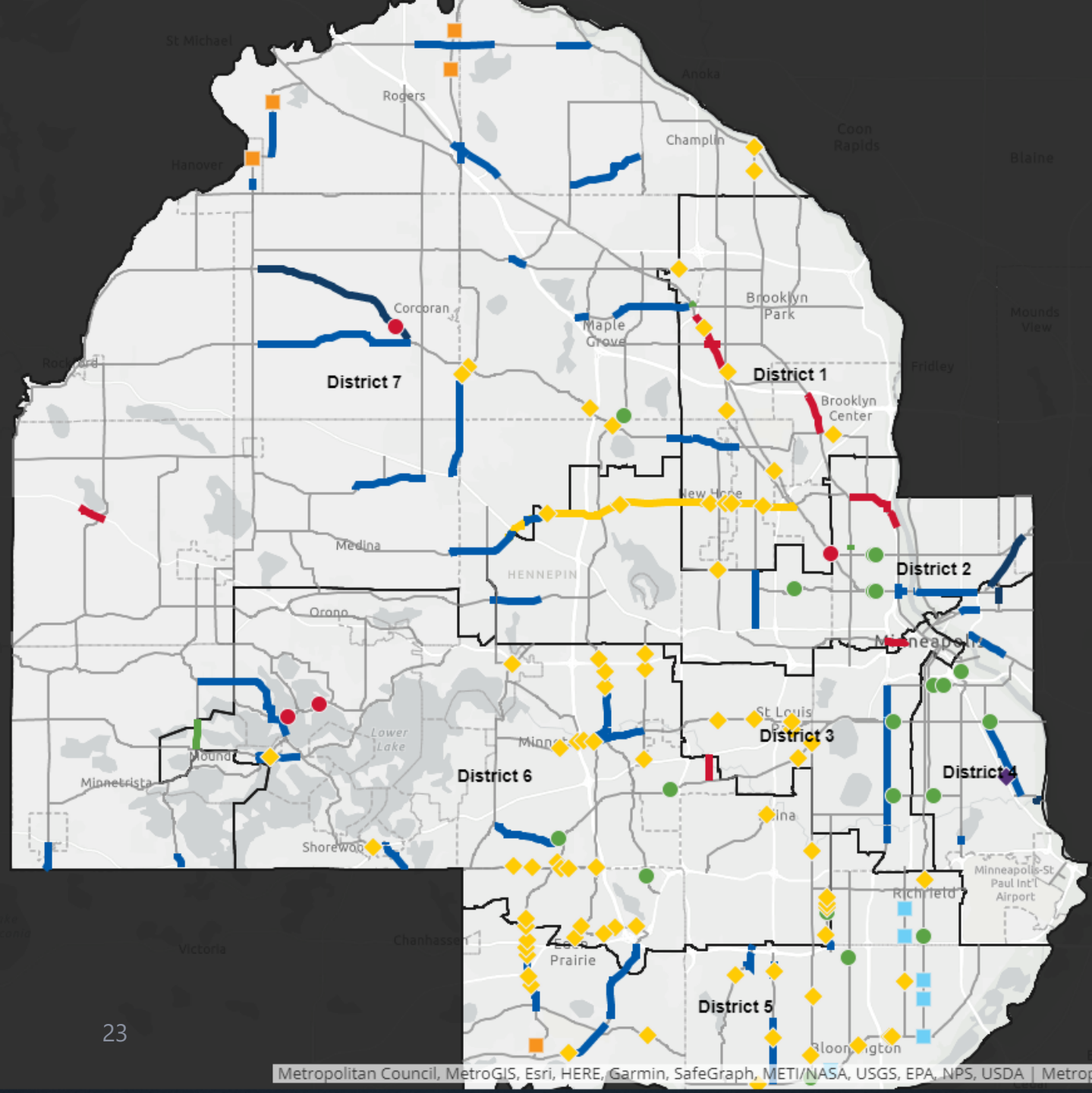
Making connections through projects

Carla Stueve, Transportation

Aligning needs and opportunities

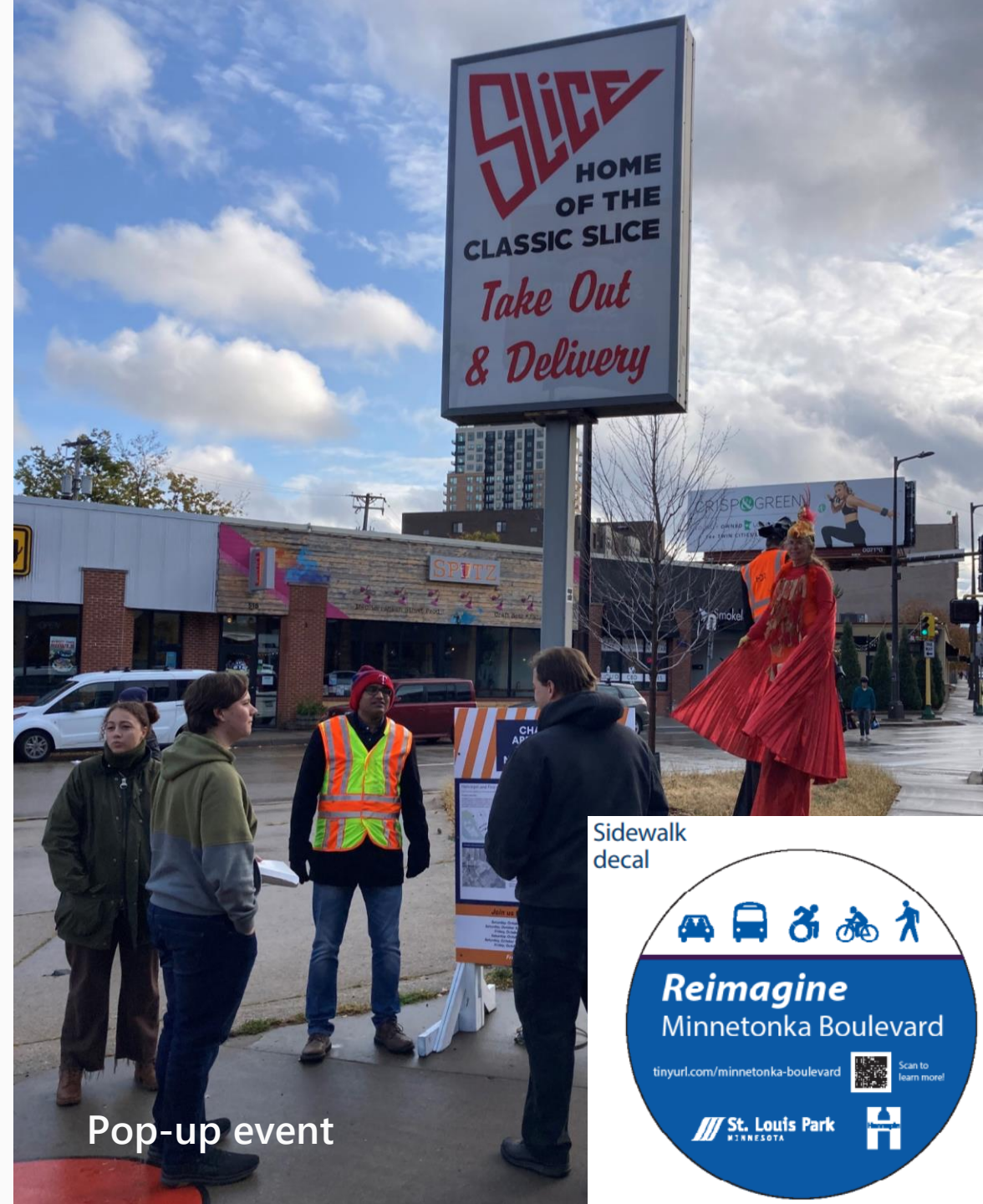


2023 transportation activities



Engagement in action

- Listening sessions/workshops
- Door to door
- Community/Pop up events
- Corridor walks and bike rides
- Corridor tours
- Public meetings/workshops



Pop-up event

Sidewalk
decal



Reimagine
Minnetonka Boulevard

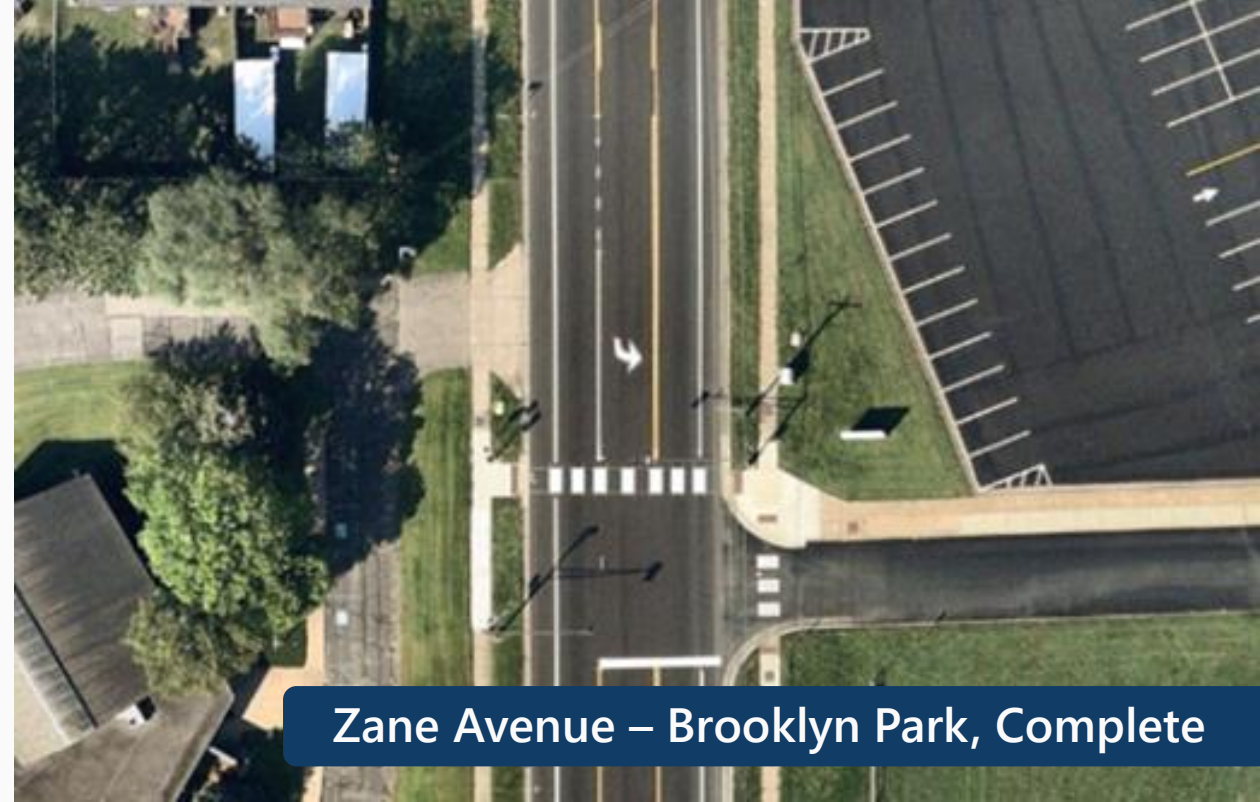
tinyurl.com/minnetonka-boulevard Scan to learn more!

St. Louis Park
MINNESOTA



Connections through pavement preservation

- Opportunities to strategically
 - Enhance safety and accessibility
 - Add multi-modal elements
 - Collaborate with project partners



Zane Avenue – Brooklyn Park, Complete



County Road 19 – Loretto, Planned

Connections through reconstruction projects

- Greater opportunities to make meaningful changes
 - Re-envision the corridor
 - Enhance safety
 - Add multi-modal
 - Build green infrastructure
 - Upgrade utilities



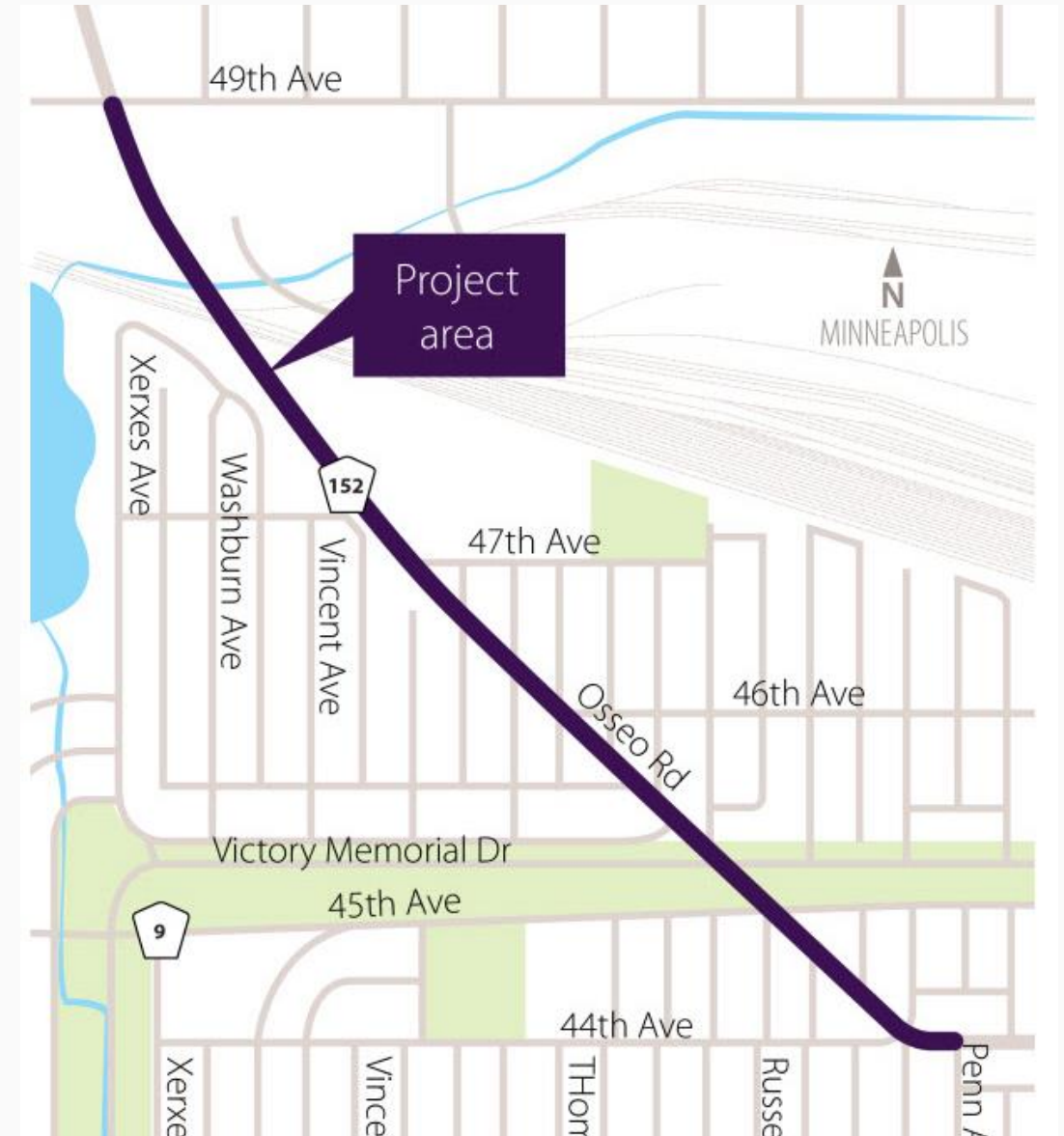
Webber Parkway – Minneapolis



County Road 92 and Highway 12 - Independence

Osseo Road (County Road 152)

- Complete and Green Streets elements
 - New sidewalk and trail
 - Green boulevards with trees
 - Pedestrian level lighting
 - Enhanced pedestrian crossings
- Bridge redecking
- Incorporates METRO D Line BRT



Sunset Drive (County Road 51)

- Roadway reconstruction
- Safety, mobility, multi-modal improvements
- Working with our cities to replace underground utilities
- Partnership with: Spring Park, Orono, Three Rivers Park District

Design
2021 - 2023

Sunset series



Sunset Drive today

An aging roadway in need of a redesign and reconstruction

Sunset Drive (County Road 51) is a mile-long road along the West Arm of Lake Minnetonka. It's the address for several homes and businesses.

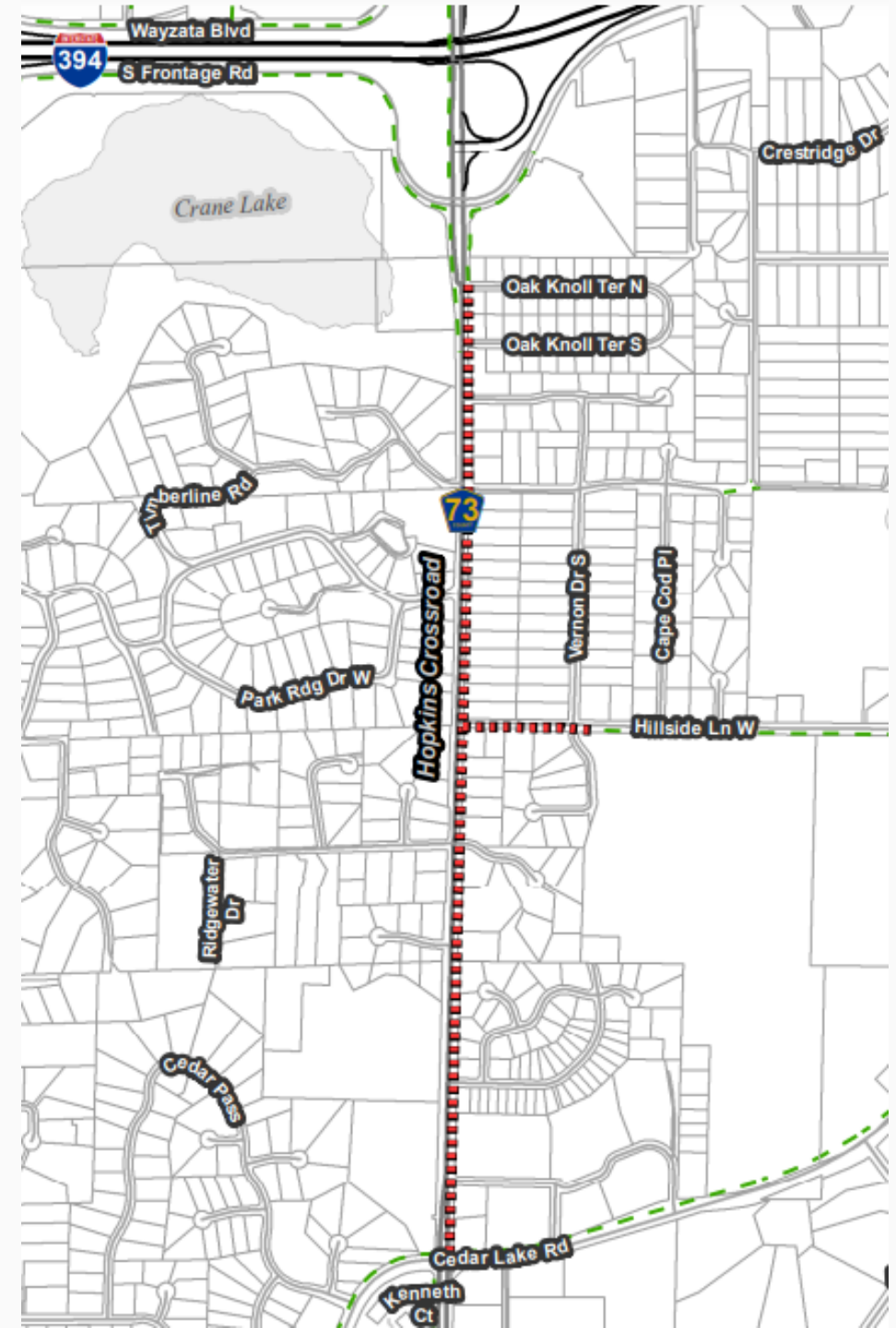
But it's also a link among the lakes for people to access nearby cities, like Spring Park, Mound and Wayzata, as well as recreational areas like Lake Minnetonka, Thor Thompson Park and the Dakota Rail Regional Trail.



Connections through partnership projects

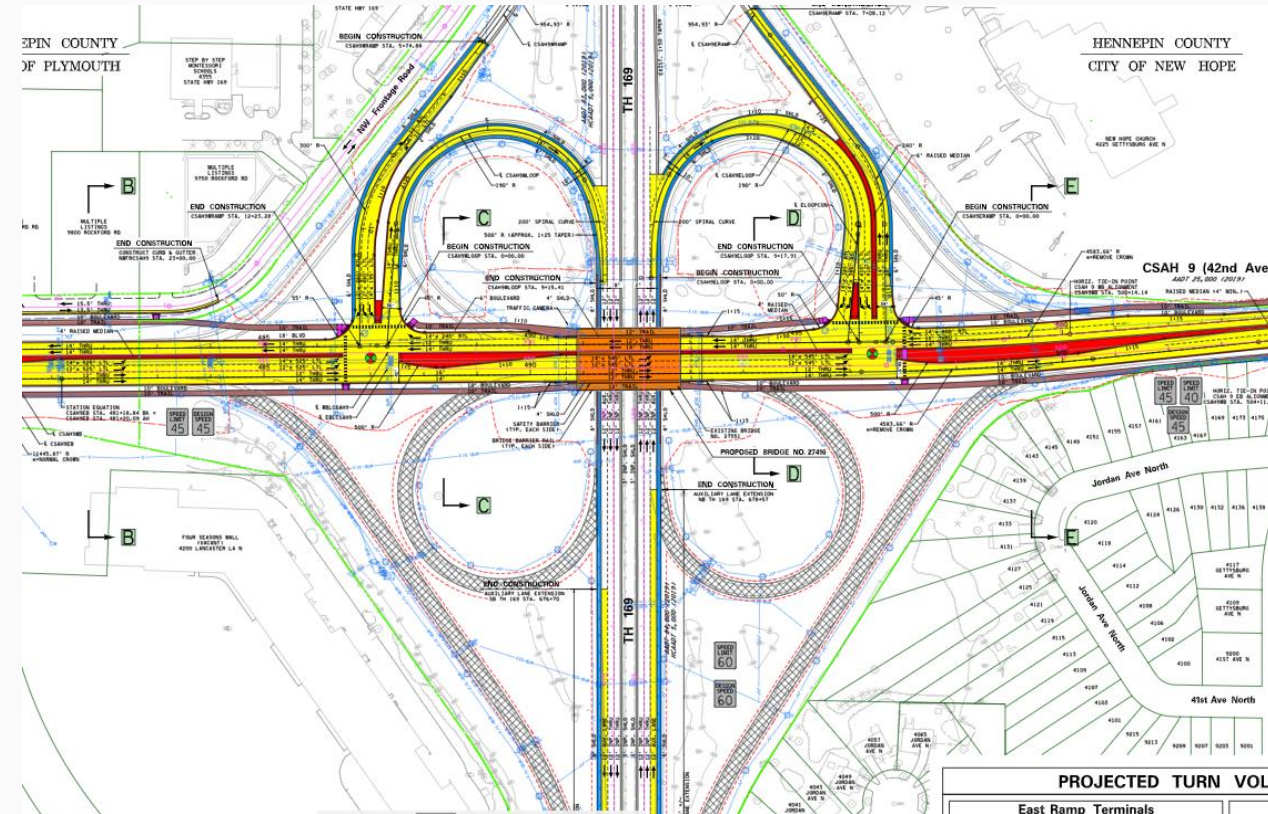
- Provides opportunities to:
 - Invest where priorities align
 - Maximize improvements for Complete and Green Streets
 - Advance transit
- Hopkins Crossroad Trail Improvements Project

- — — Proposed Trails
- — — Existing Trails



Rockford Road (County Road 9) and TH 169

- Partnership with:
 - MnDOT
 - Plymouth and New Hope
- Expand projects to enhance safety and multi-modal



France Avenue (County Road 17) and I-494

- Improve safety and accessibility
- Add multi-use trails
- Partner with:
 - MnDOT
 - Metro Transit
 - Bloomington
 - Edina



Current conditions



Future corridor

Future corridor

Future connections

- Capital improvement program
- Transportation projects planned for the next five years

