



LAKE COUNTY LONG RANGE TRANSPORTATION PLAN

Non-Motorized Task Force Meeting

Tuesday, October 7, 2025

AGENDA

- Welcome
- Envision 2050 Updates
- Existing Conditions Data
- Interactive Activity: Transportation Priorities
- Wrap-Up & Open Discussion
- Next Steps





ENVISION 2050 UPDATES

PUBLIC OUTREACH RECAP

POP-UP EVENTS



- Waukegan Back to School Festival
- Zion Community Resource Fair
- Fox Lake Night Out
- Waukegan Touch a Truck and Night Out
- Wauconda Cruise Night



ENVISION 2050 PROJECT WEBSITE



Select Language A green navigation bar containing a language selection dropdown and social media icons for Instagram, Facebook, and Twitter.



- About the Plan
- Schedule
- Survey
- Upcoming Events
- FAQ
- Comment

Project Overview

Envision 2050 is Lake County's next Long Range Transportation Plan (LRTP). The plan will develop a vision of transportation in Lake County that is both responsive to the needs of today yet flexible enough to adapt to challenges over the next two decades and beyond. With your input, Envision 2050 will establish a framework for infrastructure and mobility investments to provide all users the physical mobility they need to reach the economic mobility they seek. When completed the plan will identify transportation priorities, a list of projects and implementation strategies. Envision 2050 will enable decision-makers to connect our people and communities to each other, the region and the world.

Built on data, collaboration and your feedback, Envision 2050 will serve as the County's transportation blueprint for the future.

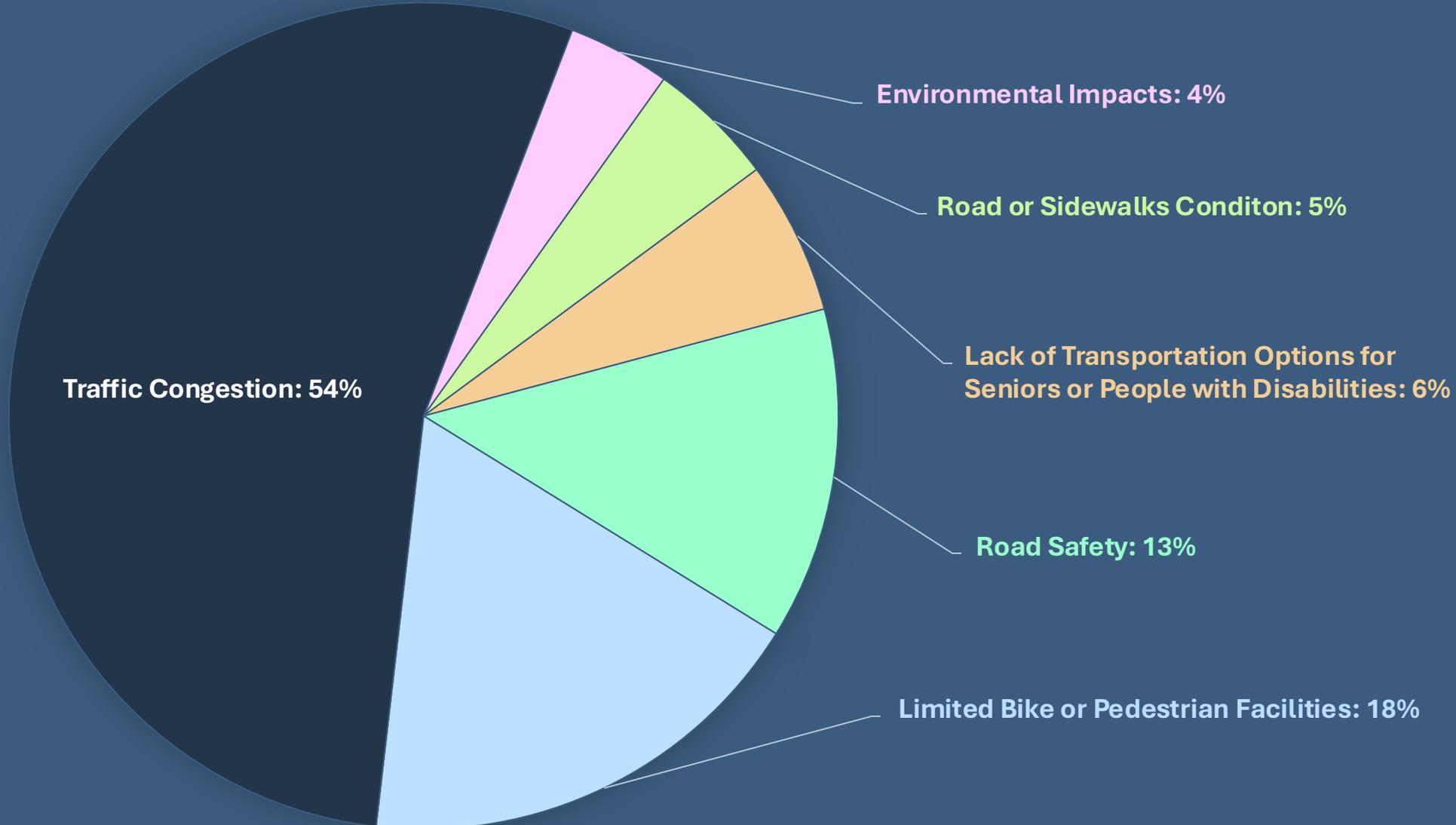




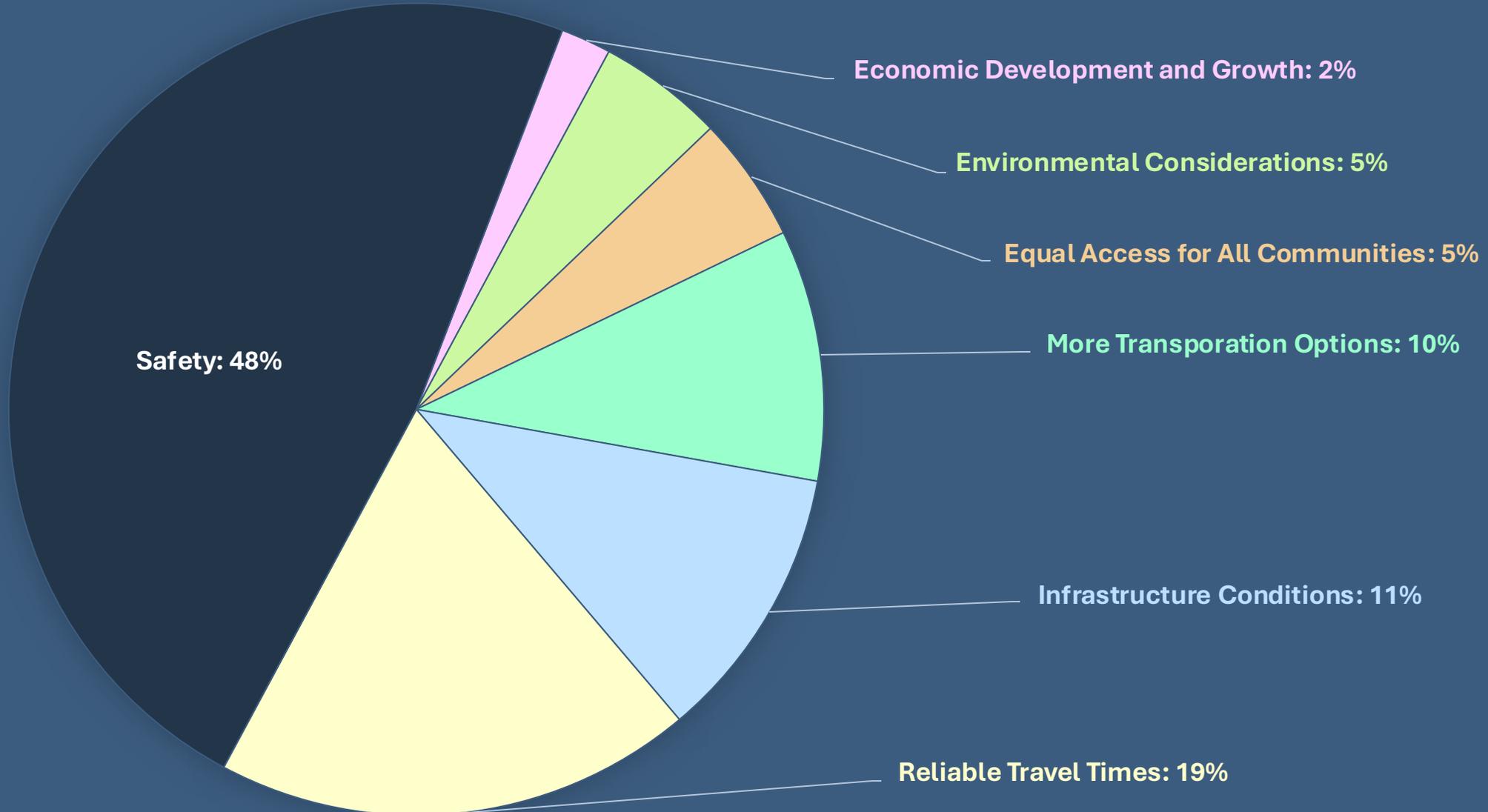
SURVEY RESULTS

500 RESPONSES

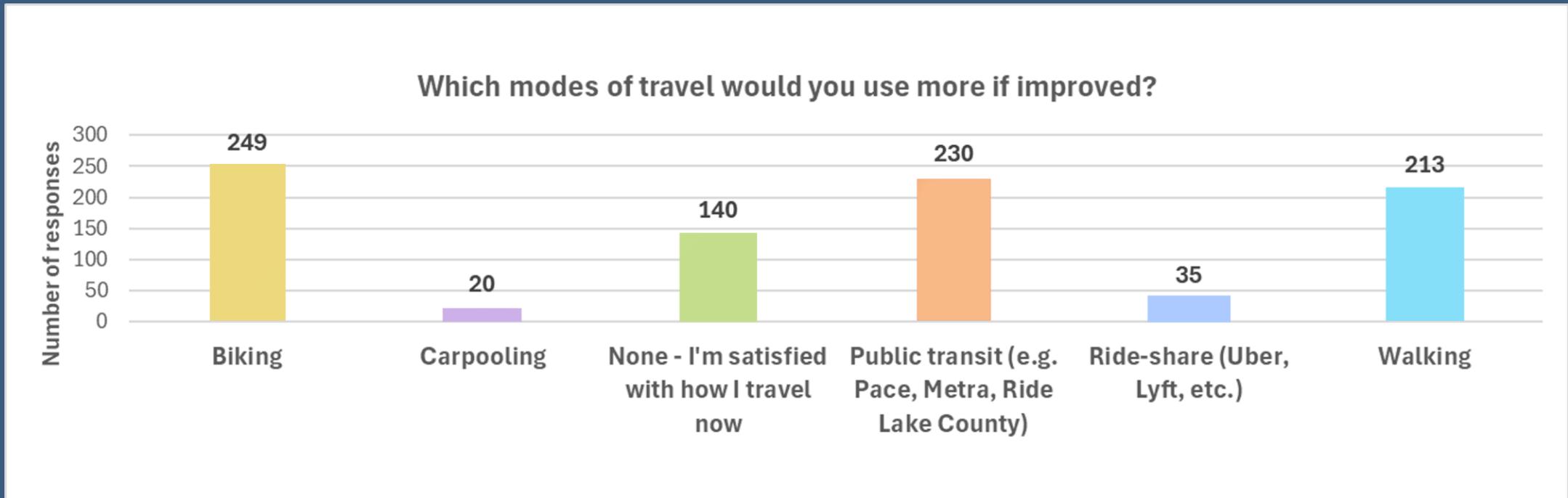
MOST IMPORTANT TRANSPORTATION ISSUES



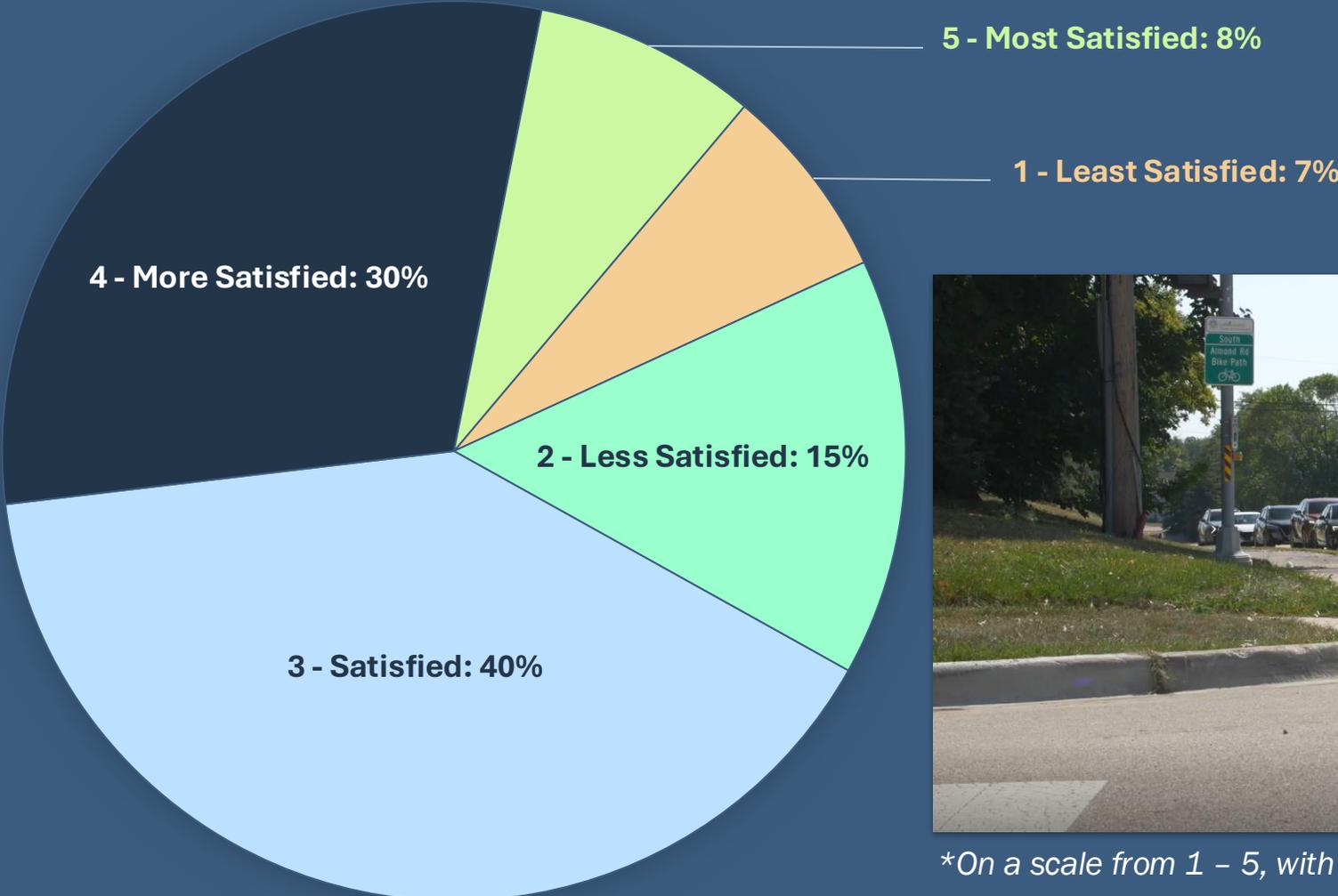
MOST IMPORTANT TRANSPORTATION GOALS



WHICH MODES OF TRAVEL WOULD YOU USE MORE IF IMPROVED?

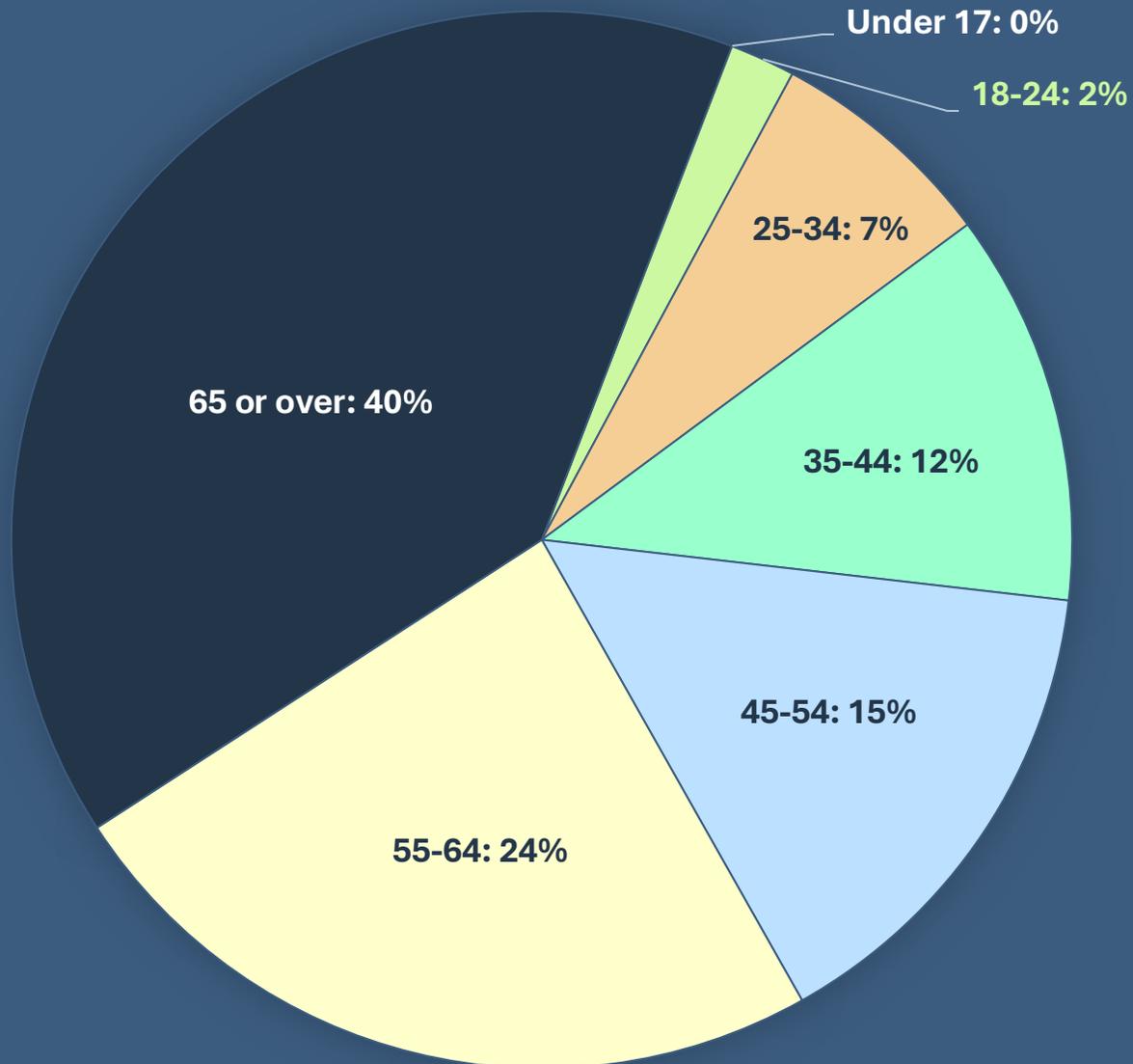


HOW SATISFIED ARE YOU WITH YOUR CURRENT TRANSPORTATION OPTIONS?

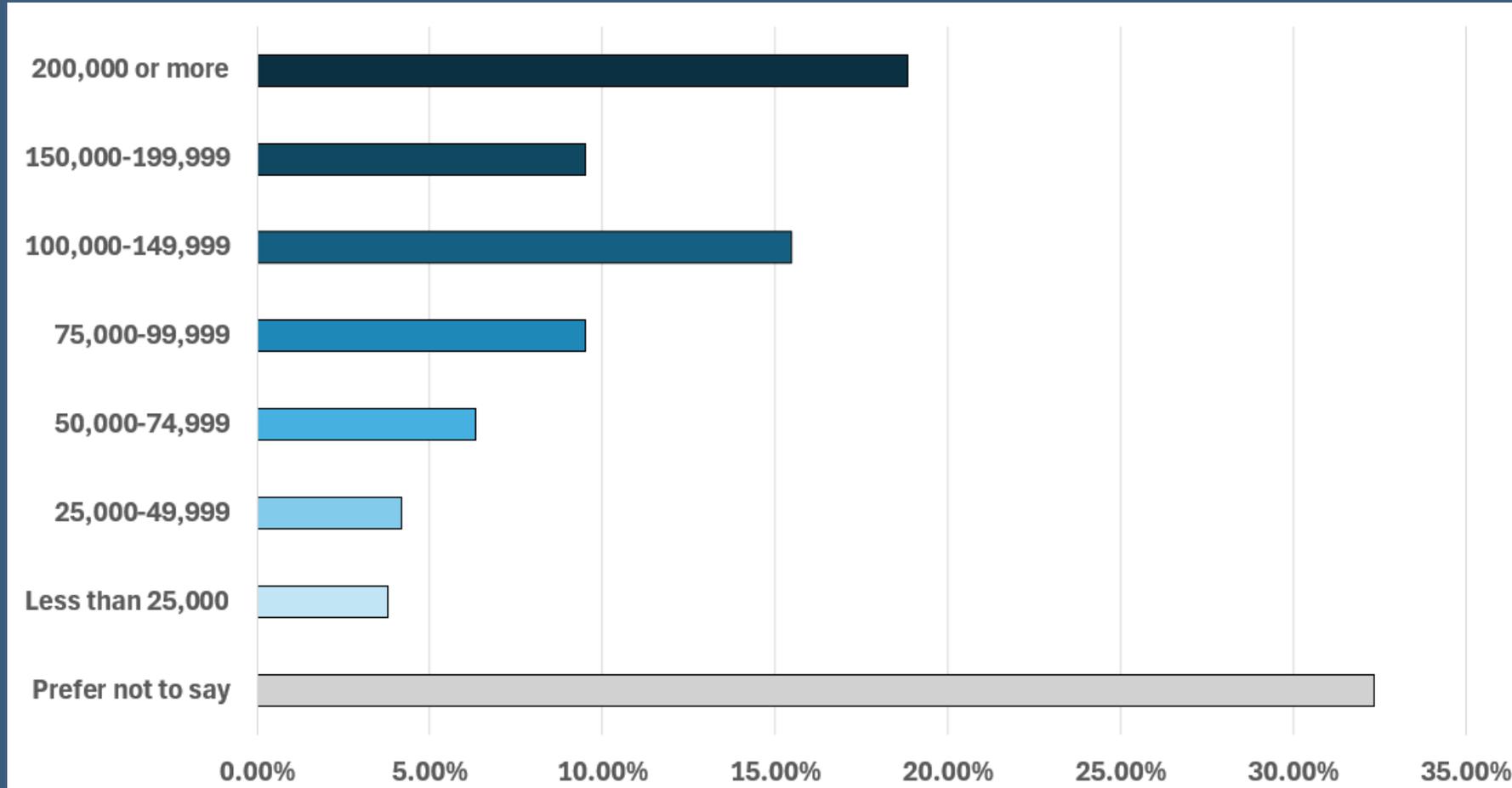


*On a scale from 1 – 5, with 1 being least satisfied and 5 being most satisfied

DEMOGRAPHICS - AGE



DEMOGRAPHICS: ANNUAL HOUSEHOLD INCOME





EXISTING CONDITIONS

*UNDERSTANDING LAKE
COUNTY'S CURRENT
TRANSPORTATION
LANDSCAPE*

EXISTING CONDITIONS: OVERVIEW



Safety

- Review most recent 5-year crash data (2020-2024)
- Integrate 2025 Safety Action Plan findings
- Systemic and location-based safety analyses



Mobility

- Analyze existing LOS from NPMRDS Probe data (2024)
- Regional congestion analysis for county-owned facilities based on Waze and INRIX Probe data



Non-Motorized Transportation

- Review existing bicycle and pedestrian facilities, identify existing gaps
- Leverage user-supplied Strava data to evaluate bicycle and pedestrian activity (Origin-Destination analysis)



Transit

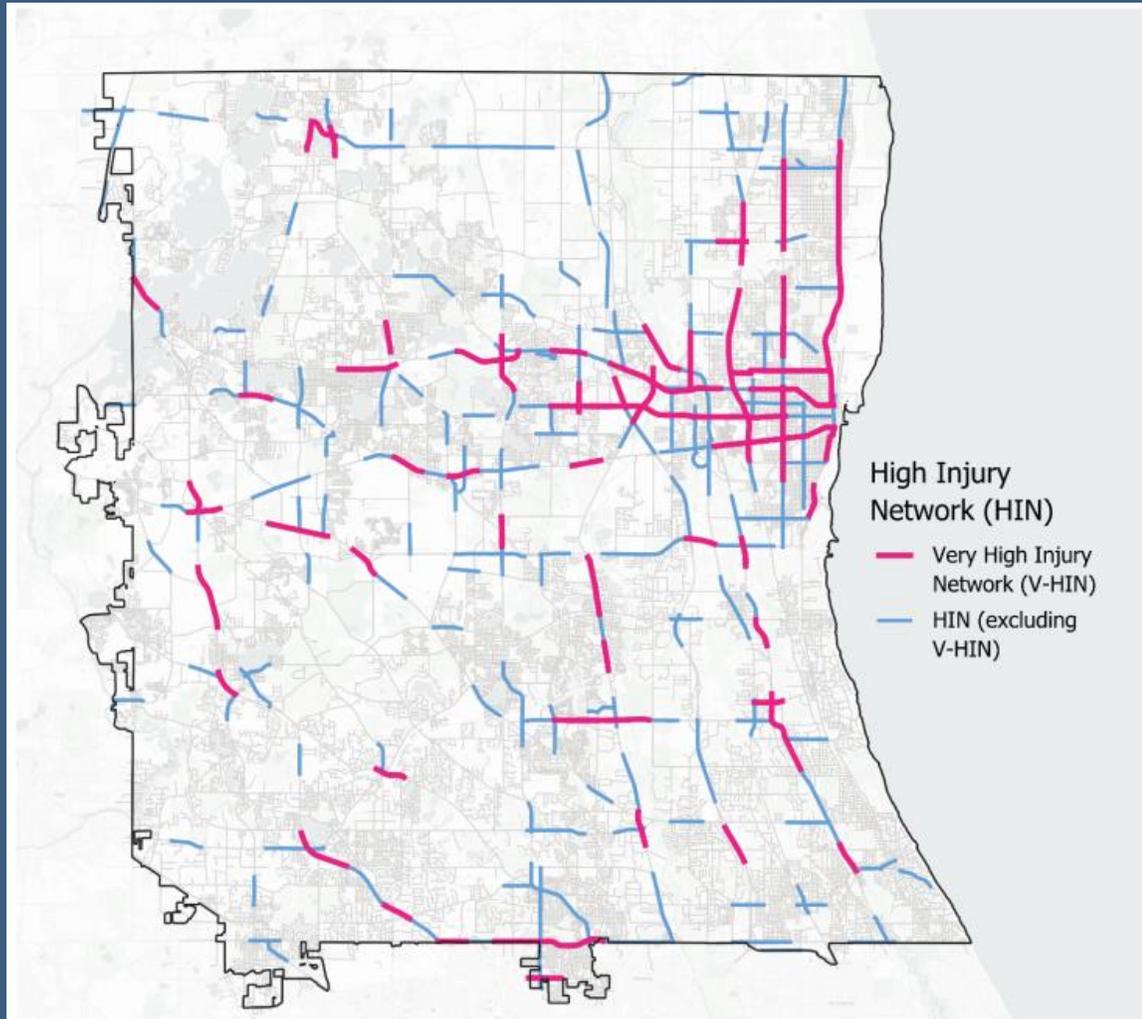
- Review of Metra, Pace, and Ride Lake County transit services



Infrastructure Condition

- Analyze IDOT data to evaluate pavement
- Analyze National Bridge Inventory data to evaluate bridge conditions

SAFETY – SAFETY ACTION PLAN FINDINGS



SAP Emphasis Areas	
Speeding and Aggressive Driving	Older Drivers
Impaired Driving	Younger Drivers
Distracted Driving	Roadway Departures
Unrestrained Occupants	Intersections
Pedestrian Safety	Railroad Crossings
Bicyclist Safety	Work Zones
Motorcyclists	Animal-Involved Crashes
Heavy Vehicles	Wrong-Way Driving

*The HIN represents 66% of fatal and serious injury crashes occurring on 7.5% of the system.

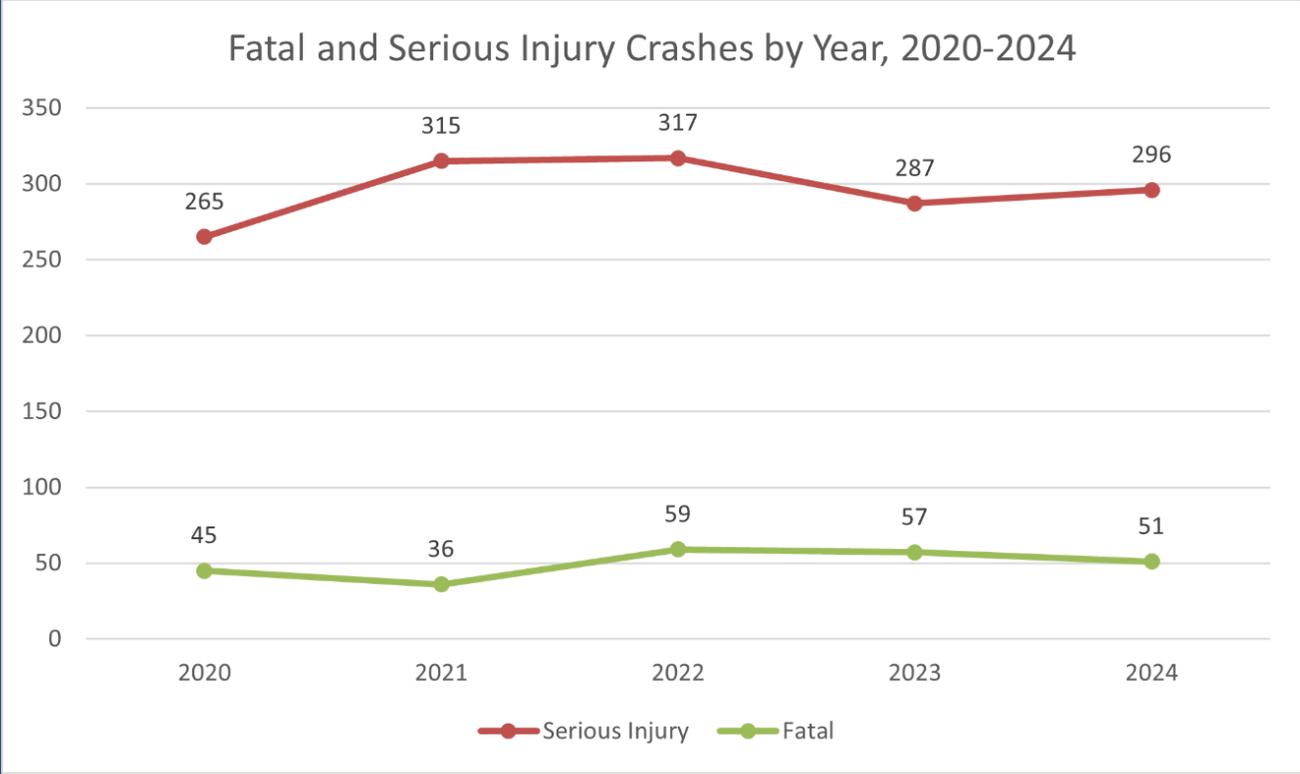
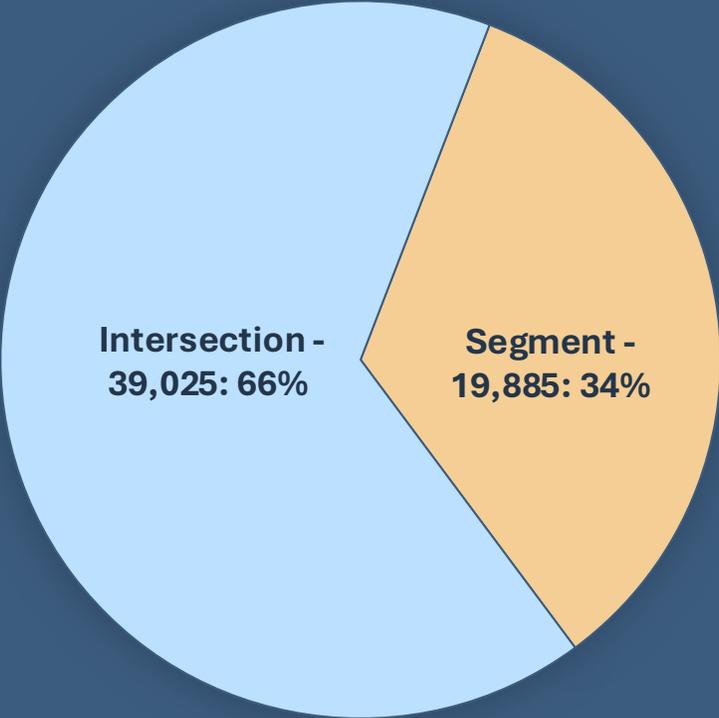
*The V-HIN represents 35% of fatal and serious injury crashes occurring on 2.4% of the system.

SAFETY – SYSTEMWIDE SNAPSHOT



Collision Type	Fatal Injury (K) Crashes	Serious Injury (A) Crashes	Minor Injury (B) Crashes	Possible Injury (C) Crashes	Total Injury Crashes
Front to Rear	20	240	1,794	2,367	4,421
Turning	43	389	2,017	1,617	4,066
Angle	17	162	790	622	1,591
Fixed Object	54	236	798	493	1,581
Sideswipe Same Direction	10	34	218	235	497
Pedestrian	41	123	223	109	496
Bicyclist	8	76	242	91	417
Front to Front	31	79	147	97	354
Parked Motor Vehicle	2	27	144	128	301
Overtuned	8	47	119	37	211
Other Object	1	23	82	50	156
Sideswipe Opposite Direction	7	13	69	51	140
Other Non-Collision	2	24	64	27	117
Animal	-	6	25	32	63
Train	4	1	-	1	6
TOTAL	248	1,480	6,732	5,957	14,417

SAFETY: SYSTEMWIDE SNAPSHOT



SAFETY – LOCATION BASED ANALYSIS



Segments/Corridors

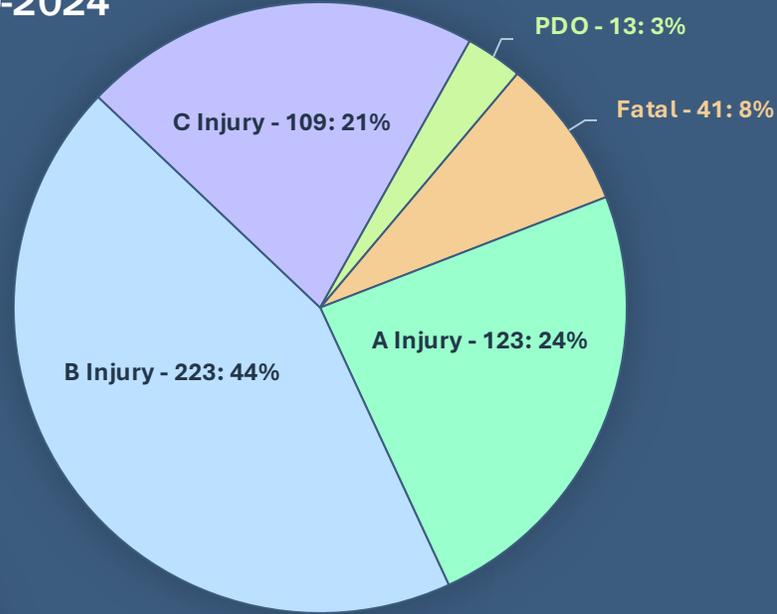
Corridor Name	Total Crashes
Lake Cook Rd between Quentin Rd and Arlington Heights Rd	990
Townline Rd/IL Route 60 between Waukegan Rd and Butterfield Rd	905
Washington Street between Jackson St and IL 131	881
Route 45/IL Route 83 between IL Route 60 and Route 53	880
IL 132 / Grand Ave between Milwaukee Ave and Route 45	856
Grand Ave between Lewis Ave and Skokie Hwy	793
IL Route 120 / Belvidere Rd between Jackson St and Old Skokie Rd	761
Lewis Ave between Grand Ave and Sunset Ave	727
Lake Cook Rd between Saunders Rd and Skokie Valley Rd	718
Lewis Ave between York House and IL 173	611
Skokie Hwy between IL Route 60 and Deerfield Rd	604
IL 131 between Sunset Ave and IL Route 173	571

Intersections

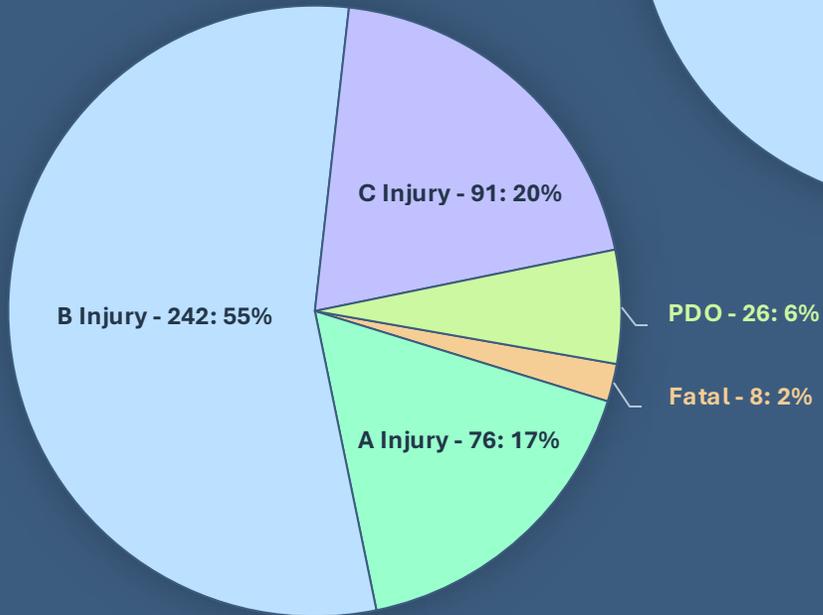
Intersection Name	Total Crashes
Townline Rd and Lake St	275
Lake Cook Rd and Hicks Rd	263
Green Bay Rd and Grand Ave	230
Rand Rd and Lake Cook Rd	201
Washington St and Green Bay Rd	198
Skokie Hwy and Kennedy Rd	194
Lewis Ave and Grand Ave	191
Belvidere St and Green Bay Rd	188
Skokie Hwy and Buckley Rd	181
Lake Cook Rd and Arlington Heights Rd	161
Lewis Ave and Sunset Ave	157
Belvidere St and Lewis Ave	150

SAFETY: NON-MOTORIZED

Pedestrian-Involved Crashes, 2020-2024

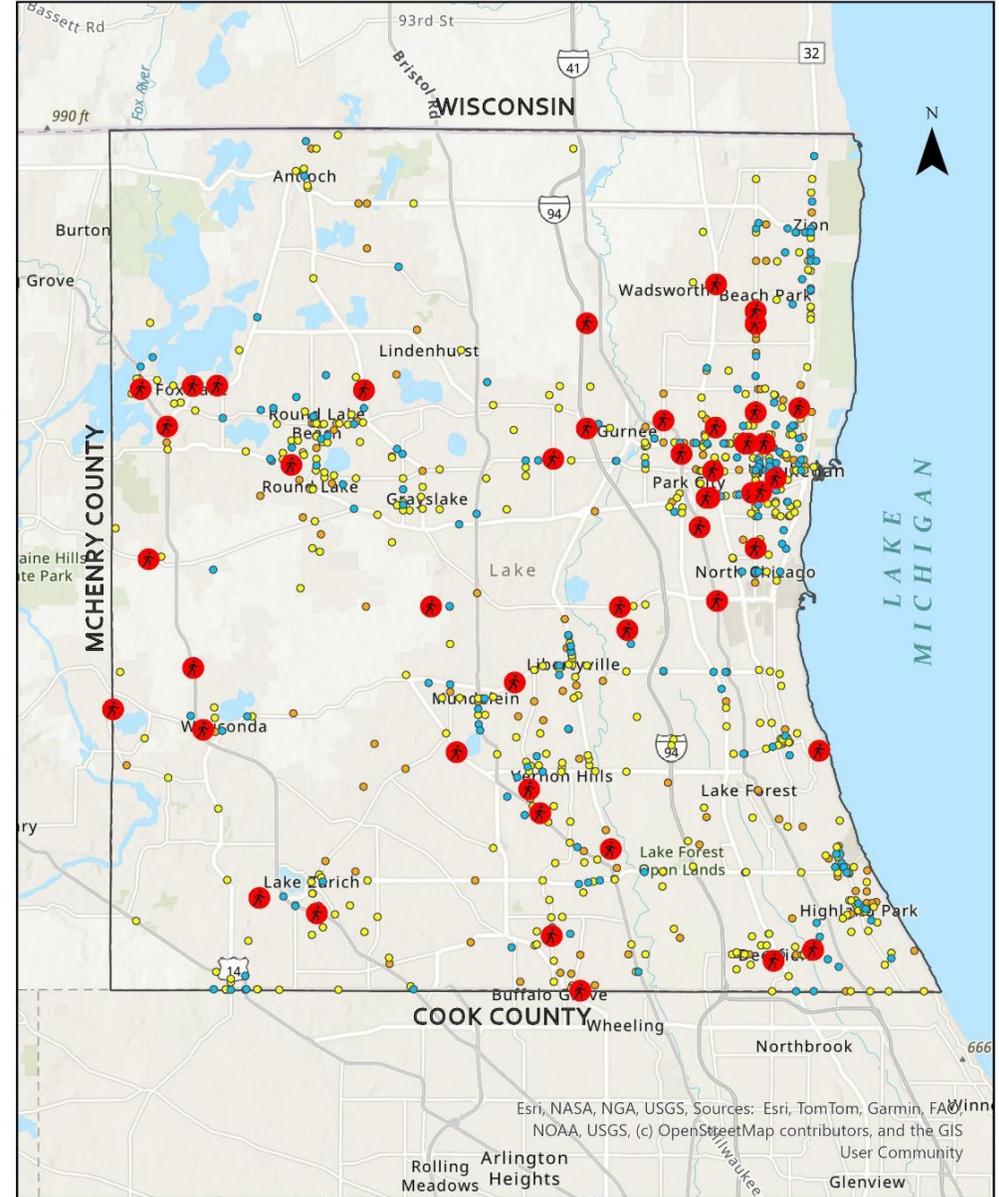


Bicyclist-Involved Crashes, 2020-2024



Non-Motorized Injury Crash Severity

- Fatal Non-Motorized Crash (K)
- Serious Injury Non-Motorized Crash (A)
- Minor Injury Non-Motorized Crash (B)
- Possible Injury Non-Motorized Crash (C)

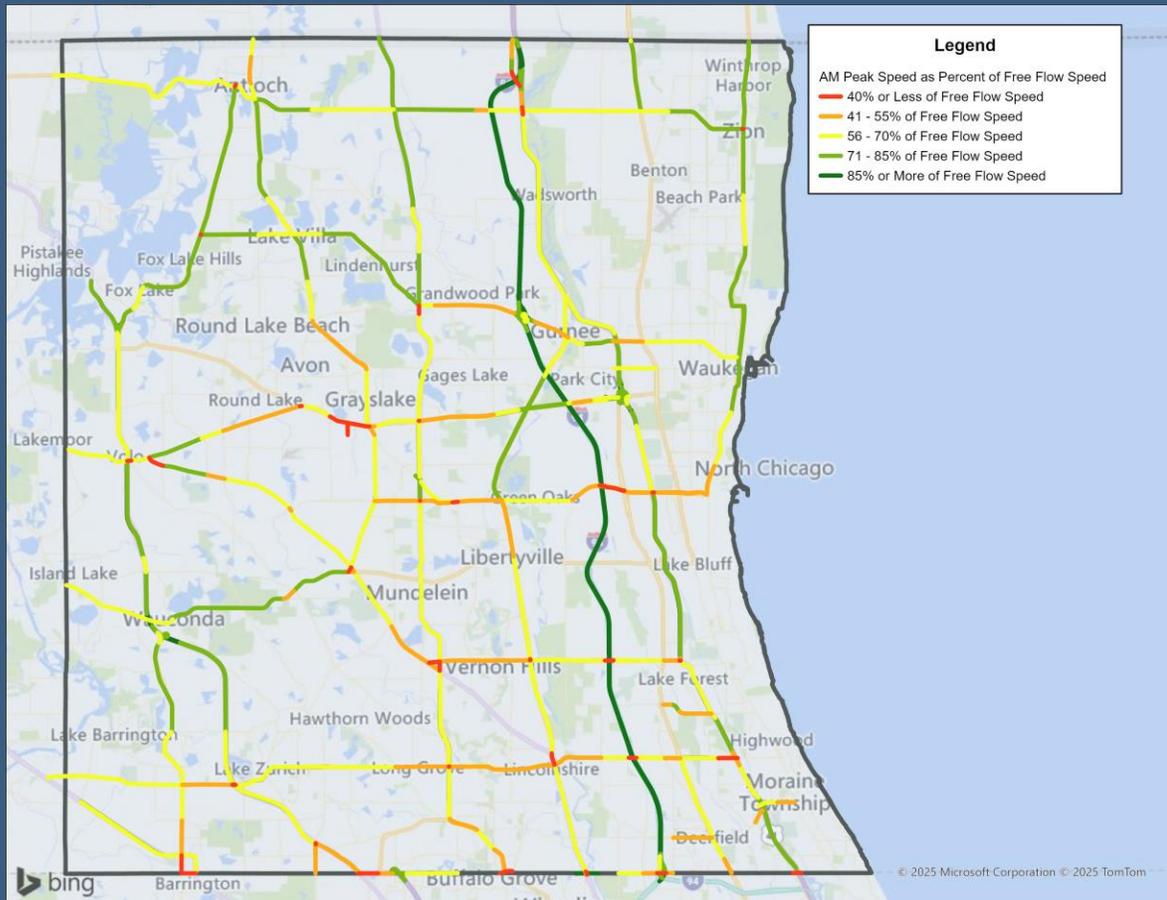


Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

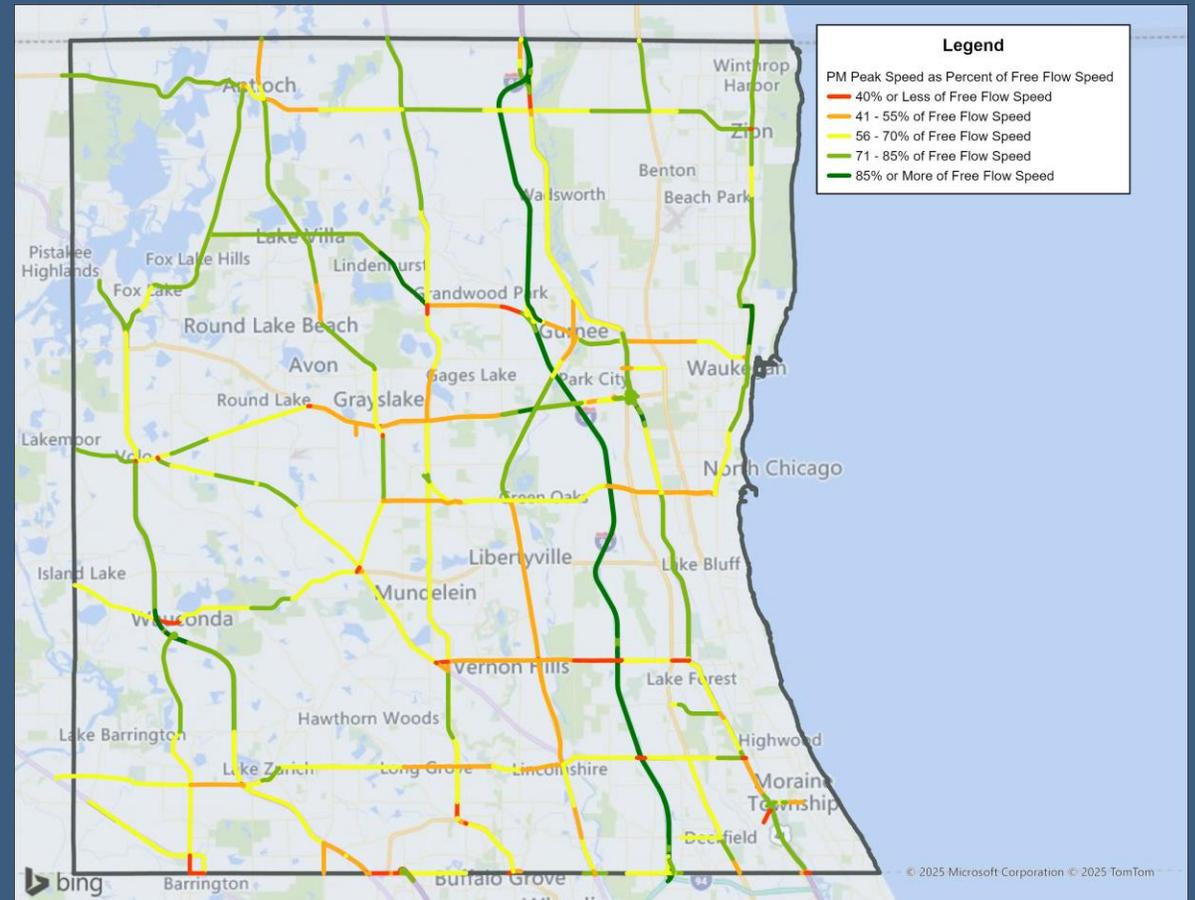
MOBILITY – PEAK HOUR SPEED REDUCTIONS



AM Peak Speeds



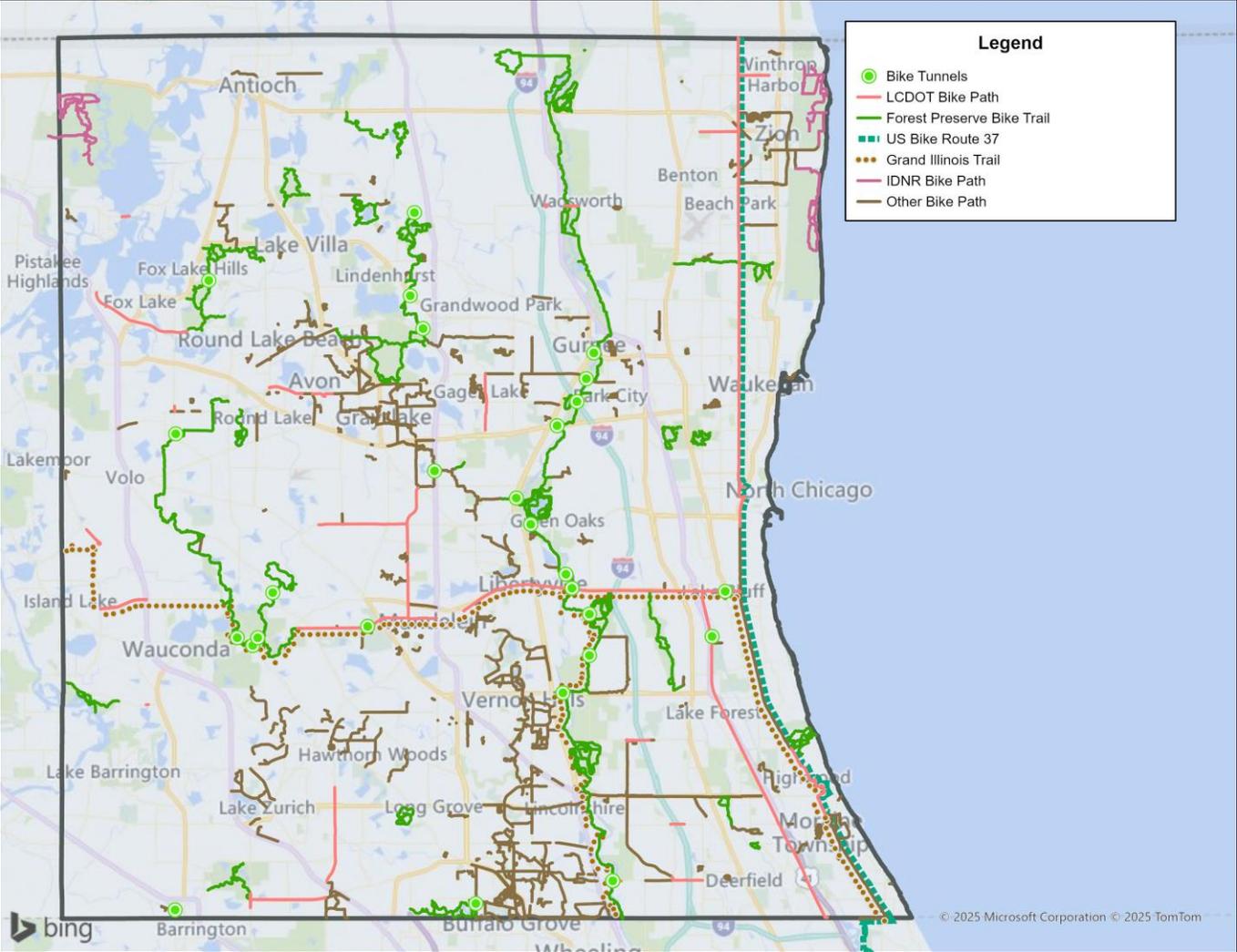
PM Peak Speeds



NON-MOTORIZED TRANSPORTATION – EXISTING FACILITIES



- Over 550 miles of bike trails
- 253,000 residents live within a 5-minute walk to a bike trail



NON-MOTORIZED TRANSPORTATION – BICYCLE ACTIVITY



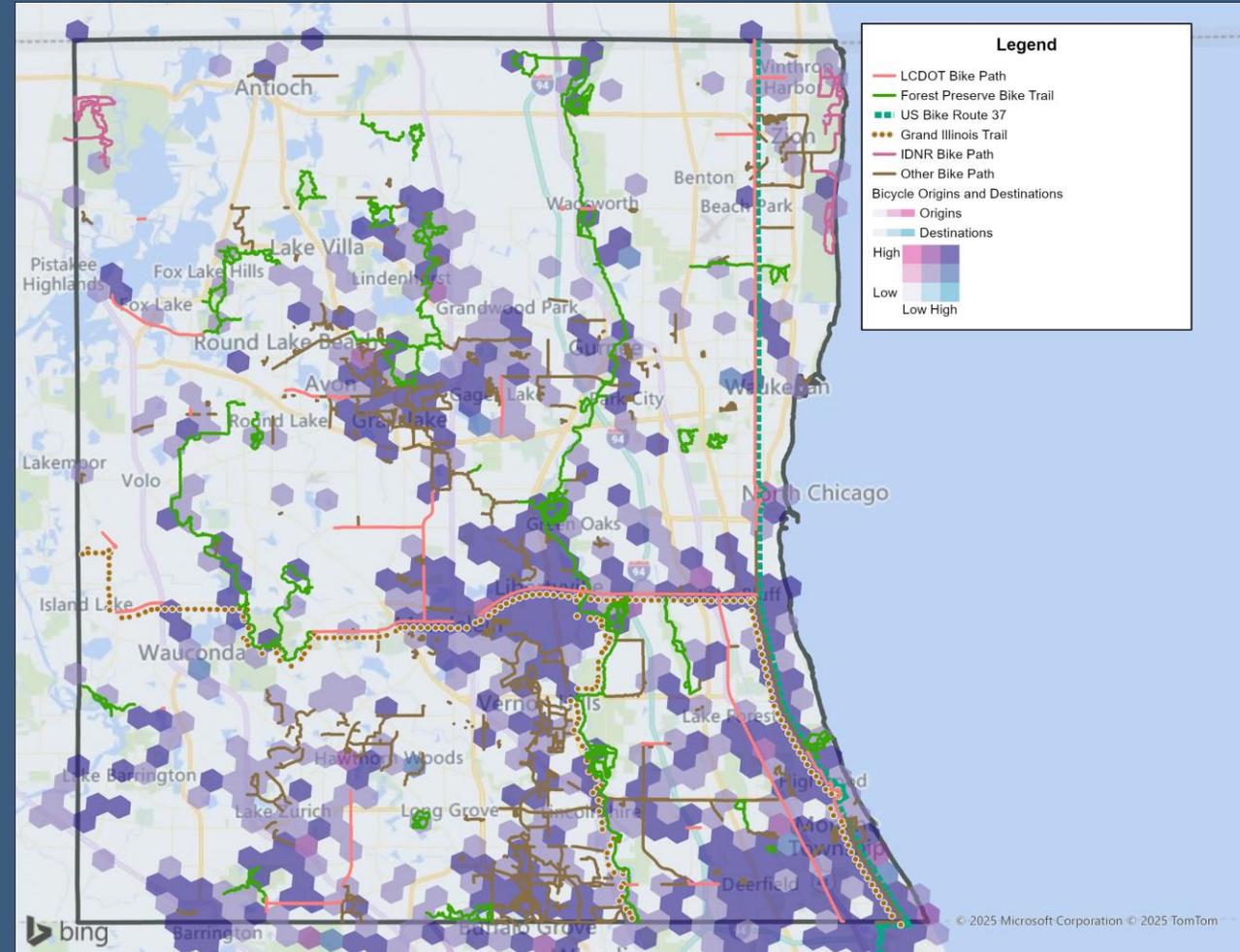
103,000 Bicycle trips logged
by 9,500 users in 2024

Over 6.7 million miles biked
in 2024

86% of trips
were for
recreation

14% of trips
were for
commuting

1.5% of
trips made
on e-bikes



NON-MOTORIZED TRANSPORTATION – PEDESTRIAN ACTIVITY

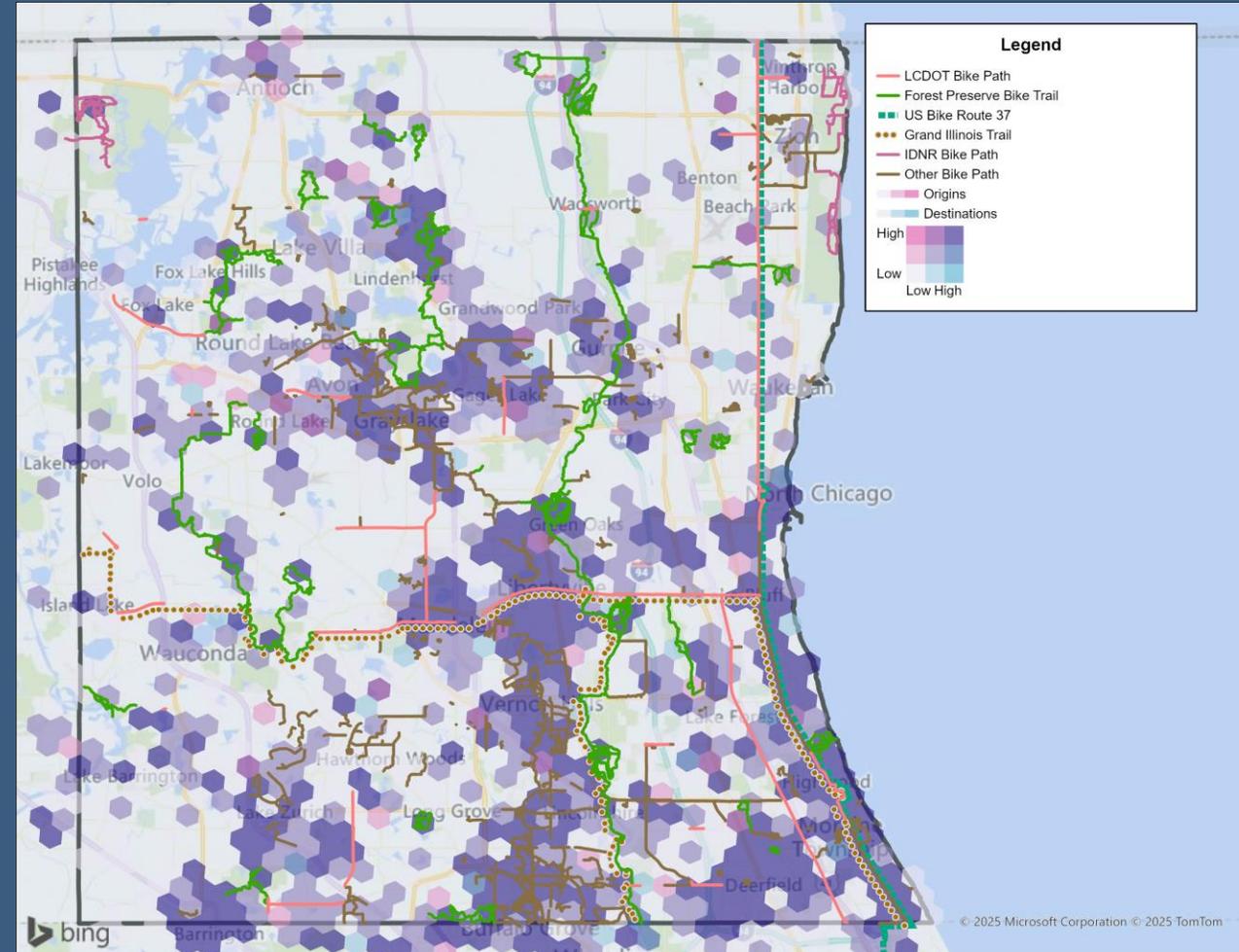


357,800 running, walking, and hiking trips logged by 23,000 users

Over 4.3 million miles ran, walked, and hiked in 2024

94% of trips were for recreation

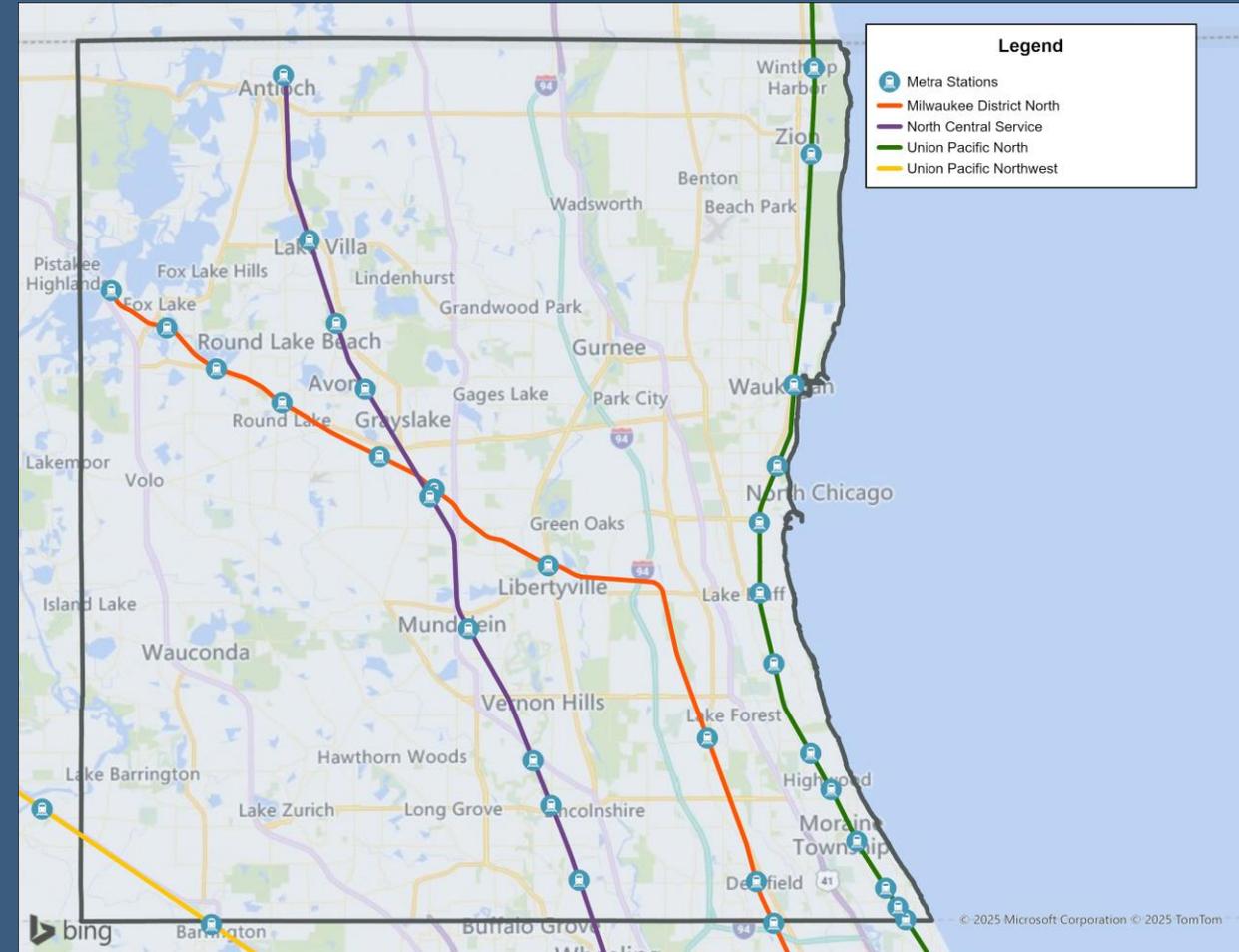
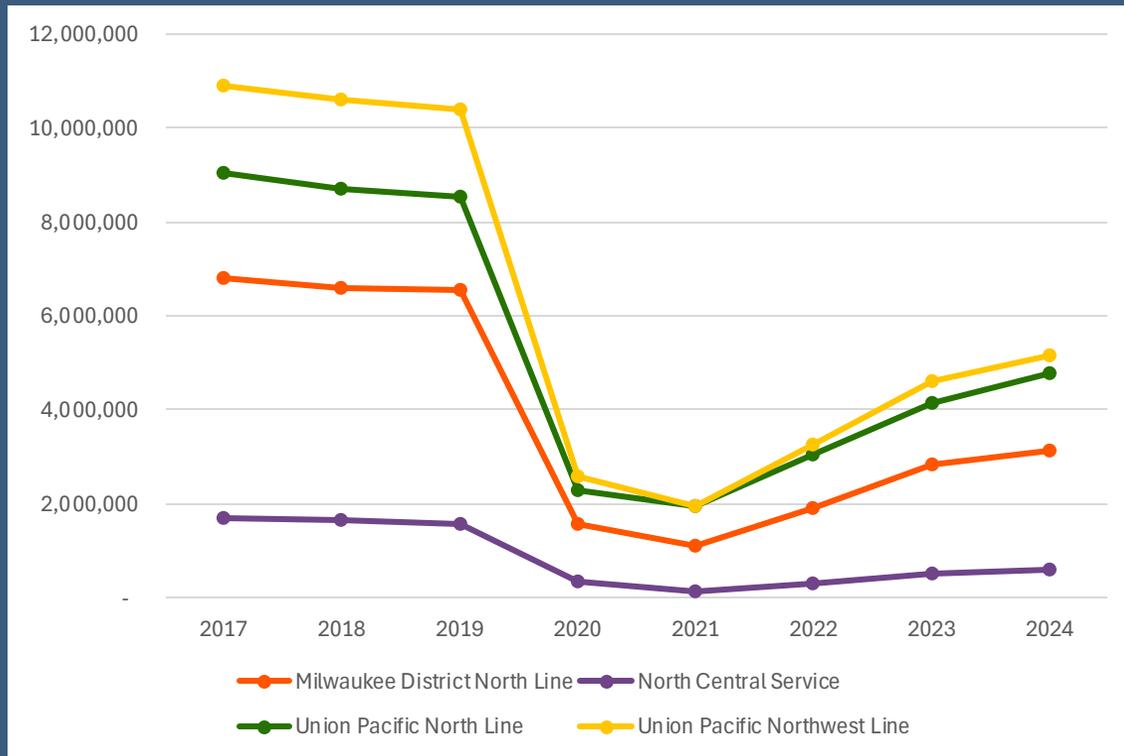
6% of trips were for commuting



TRANSIT – METRA



Metra System Statistics – Lake County

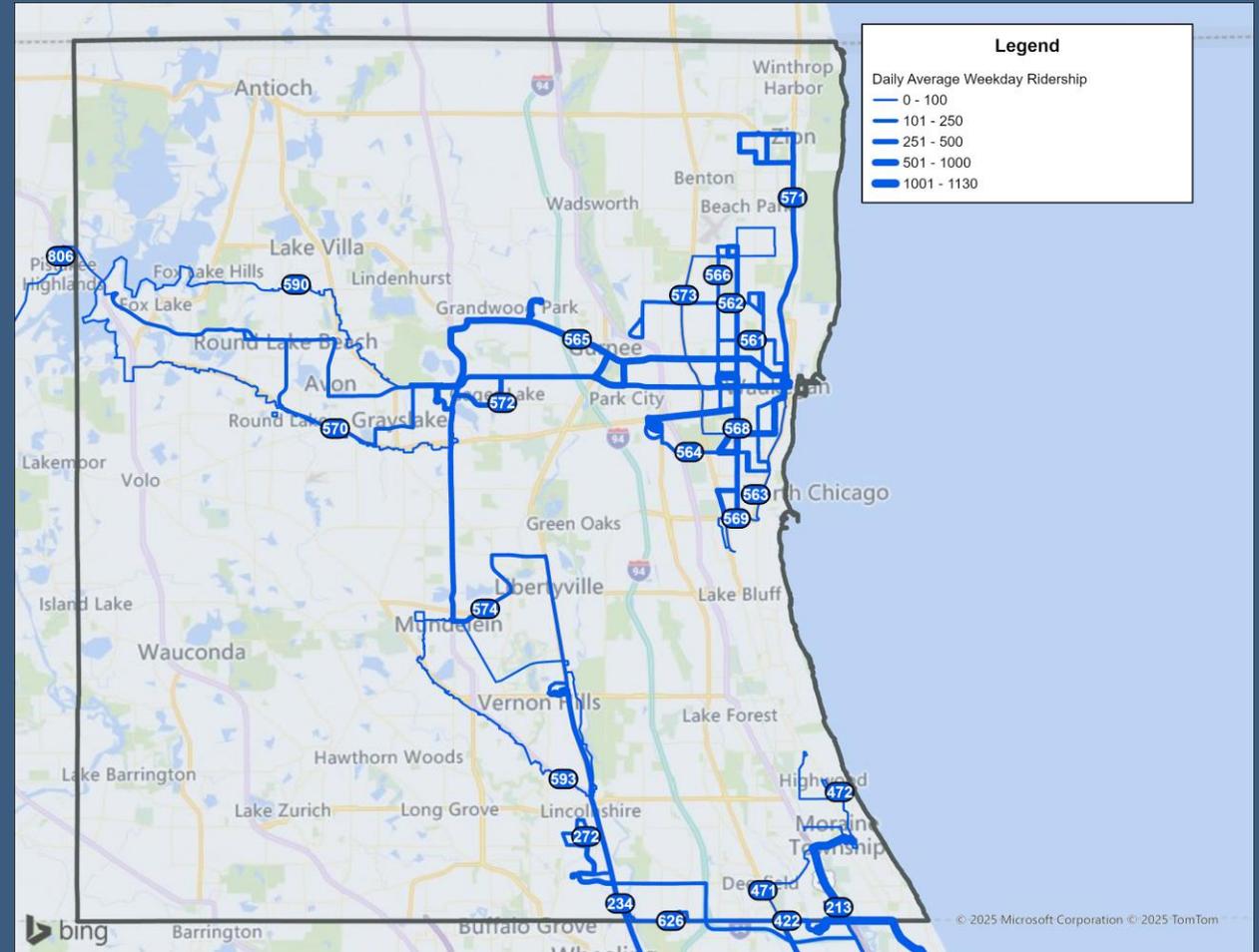


TRANSIT – PACE



Pace System Statistics – Lake County
Top 5 Pace Routes by Ridership

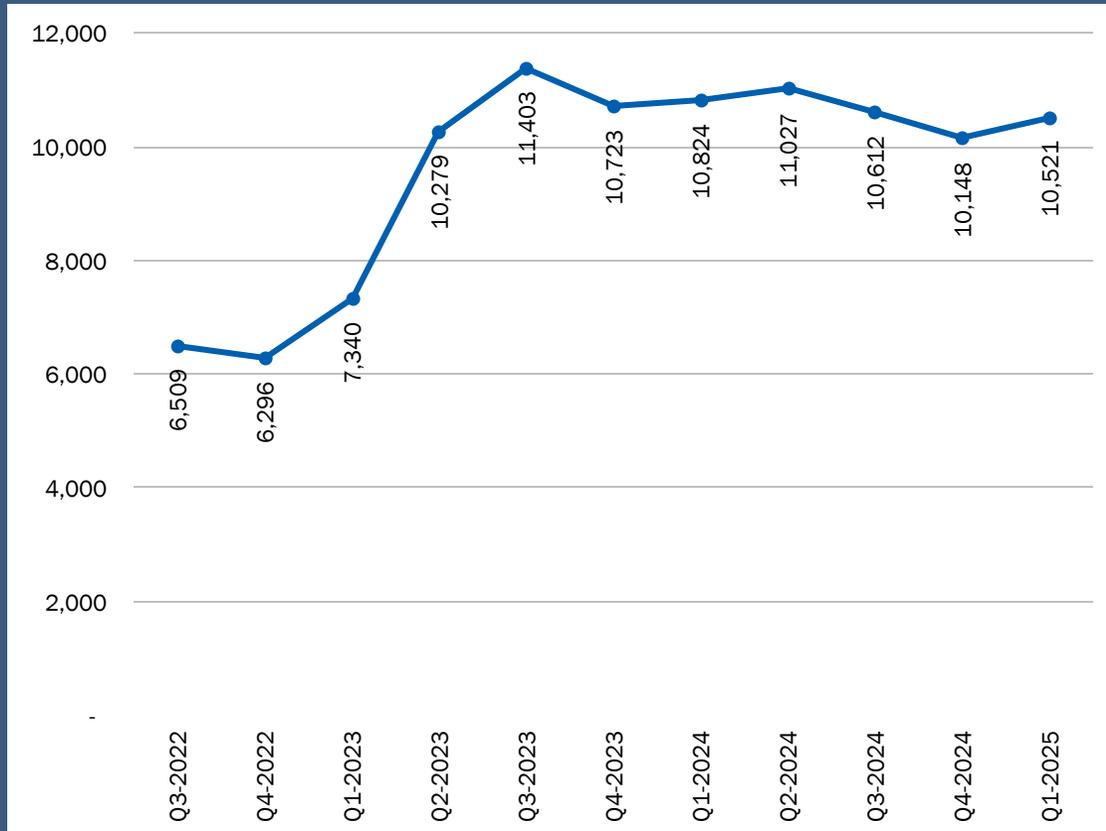
Route	Average Weekday Daily Ridership (2024)
Route 213: Green Bay Road	1,130
Route 565: Grand Avenue	784
Route 568: Belvidere	583
Route 272: Milwaukee Avenue North	420
Route 572: Washington	408



TRANSIT – RIDE LAKE COUNTY



Passengers Served by Quarter
2022-2025



Top Trip Purposes, 2024

Route	Average Weekday Daily Ridership (2024)
Work	35.3%
Medical	16.9%
Shopping	13.4%

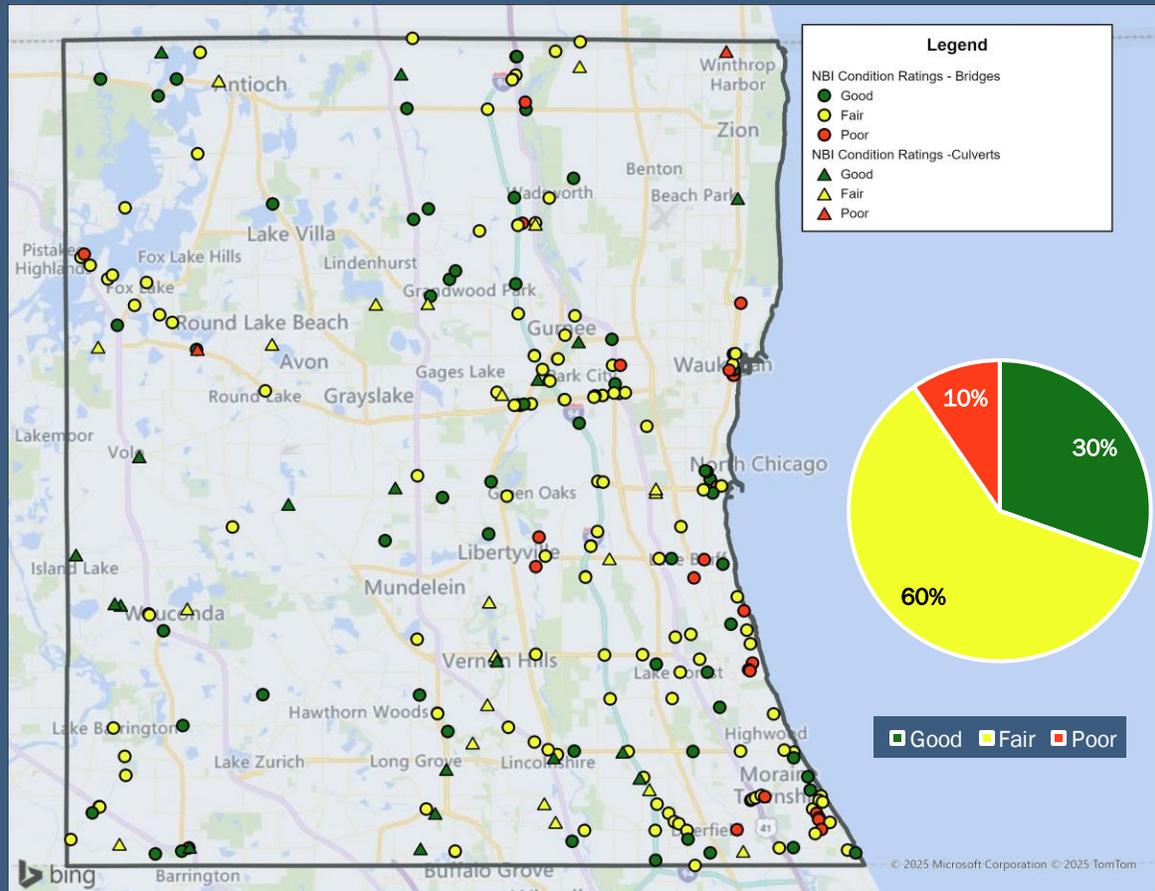
Top Origins and Destinations for Trips, 2024

City for Trip Origin	Percent of Trip Origins	City of Trip Destination	Percent of Trip Destinations
Waukegan	17.1%	Waukegan	17.5%
Gurnee	14.8%	Gurnee	14.9%
Grays Lake	7.8%	Vernon Hills	7.3%
Vernon Hills	6.8%	Libertyville	7.2%
Libertyville	6.6%	Grays Lake	7.1%

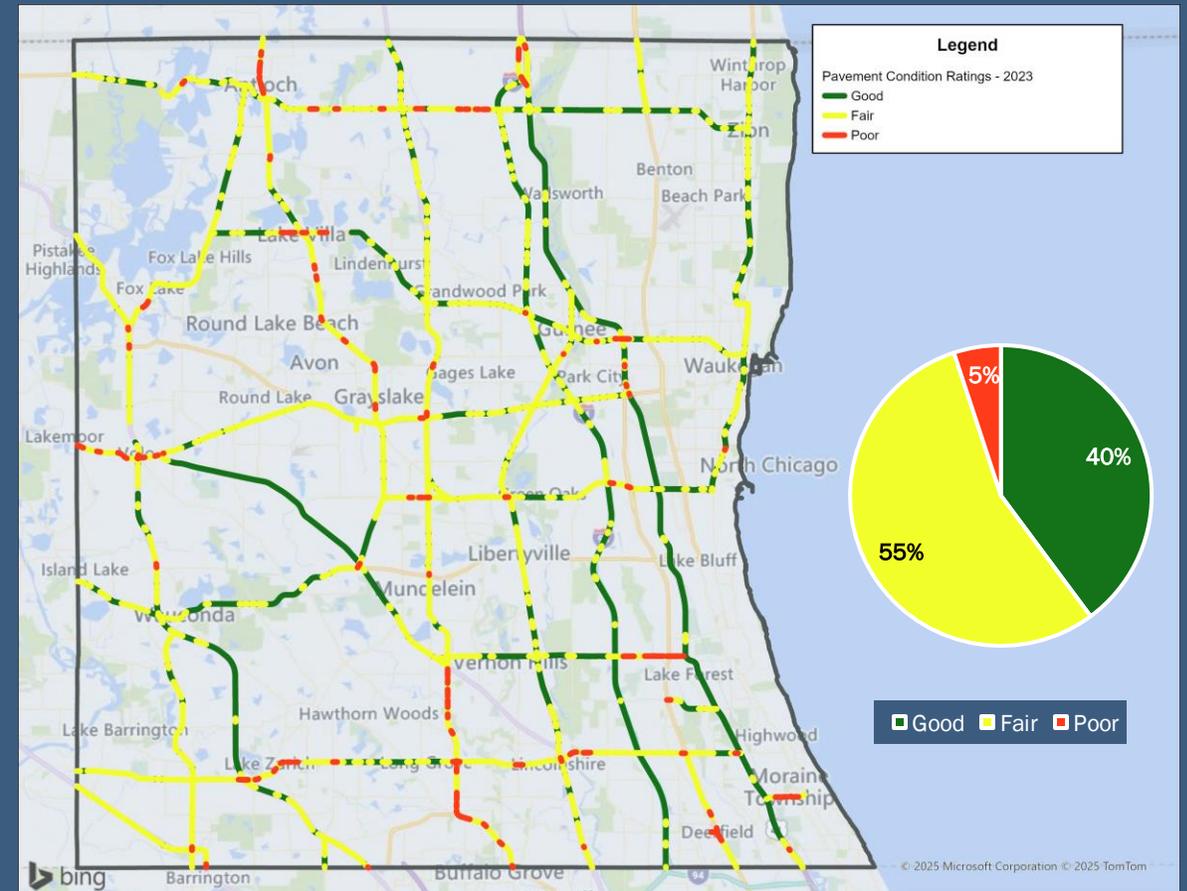
INFRASTRUCTURE CONDITION - PAVEMENT & BRIDGE



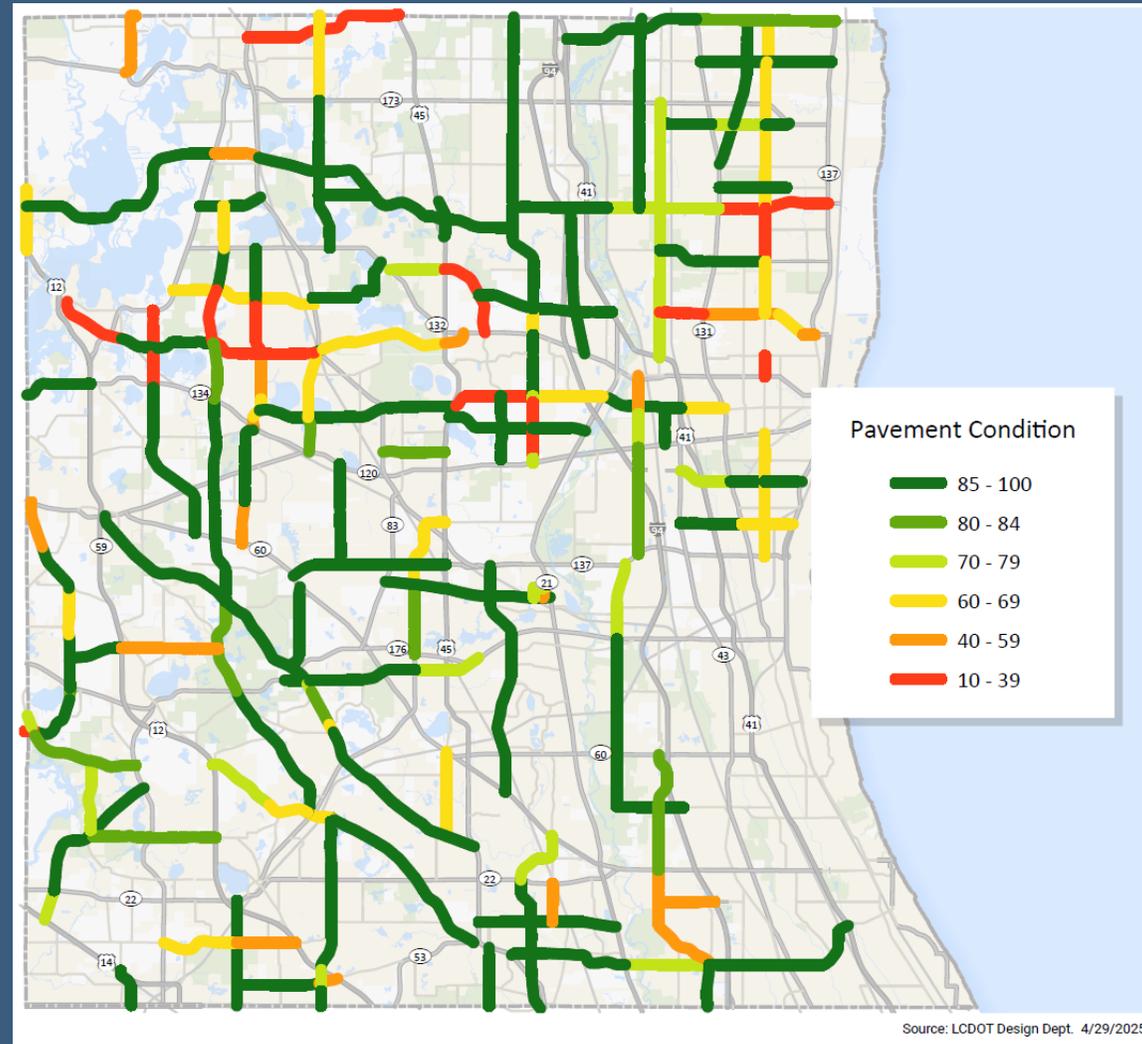
Bridge Condition



Pavement Condition



INFRASTRUCTURE CONDITION - LAKE COUNTY PAVEMENT



TRANSPORTATION PRIORITIES

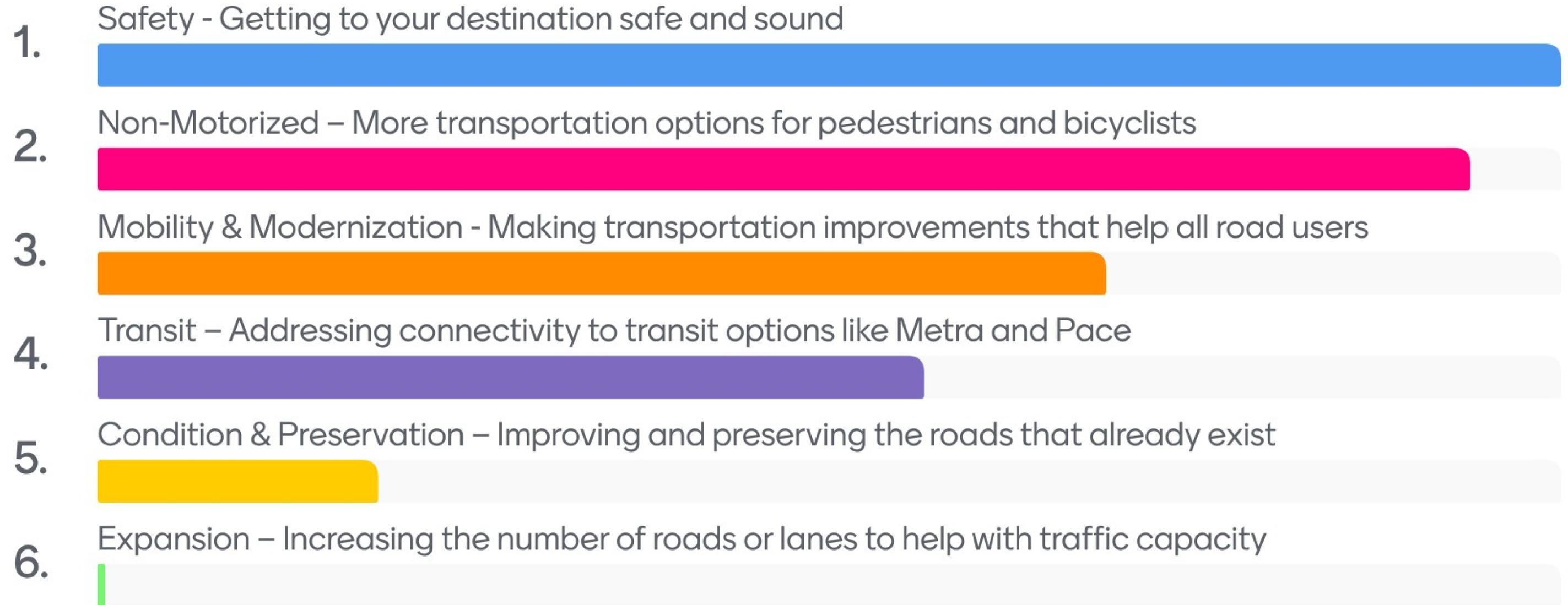
Interactive Activity



TRANSPORTATION PRIORITIES

- **Safety** – Getting to your destination safe and sound (roundabouts, crosswalks).
- **Condition & Preservation** – Improving and preserving the roads that already exist (bridge rehab, road resurfacing, reconstruction).
- **Non-Motorized** – More transportation options for pedestrians and bicyclists (trails, sidewalks, bike lanes).
- **Transit** – Addressing connectivity to transit options like Metra and Pace (bus stop improvements, expanded routes).
- **Expansion** – Increasing the number of roads or lanes to help with traffic capacity (interchanges, 2 to 4 lanes).
- **Mobility & Modernization** – Making transportation improvements that help all road users (signal timing, adding turn lanes, roundabouts).

Select the four (4) Transportation Priorities that you feel represent the most important priorities for the county's transportation investments.



Q&A

Open Discussion



Welcome to the Lake County **Long Range Transportation Plan** Virtual Open House! We're excited you're joining us to shape the future of transportation in Lake County.

Lake County's Long Range Transportation Plan | Envision 2050

[Enter Open House](#)

VIRTUAL OPEN HOUSE NOW LIVE!

www.lakecounty2050.com



NON-MOTORIZED TASK FORCE MEETING #3

Winter 2026





THANK YOU!

Mike Klemens, Manager of Transportation Planning

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