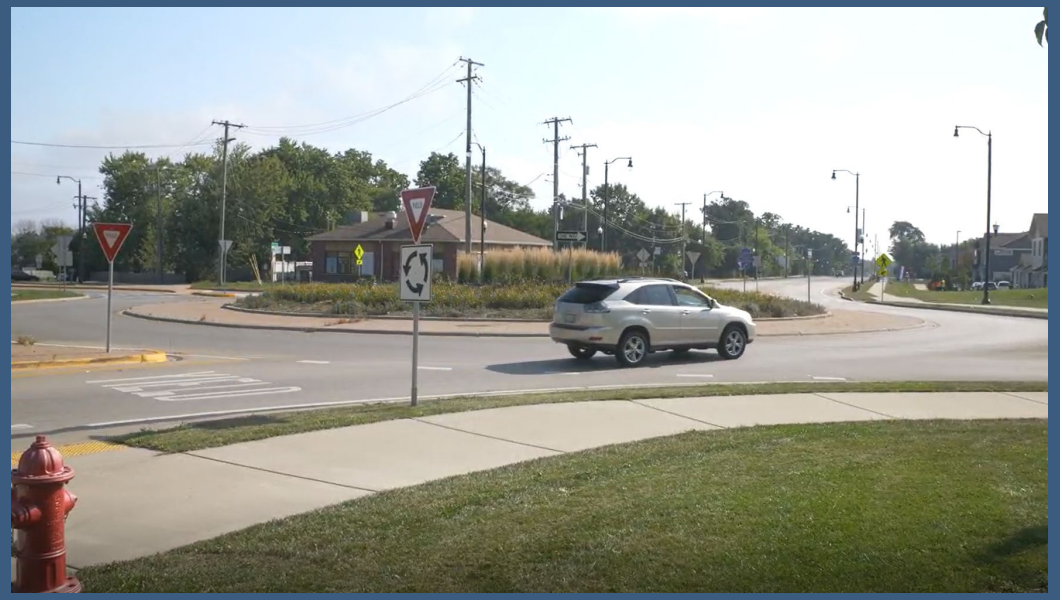
LAKE COUNTY
LONG RANGE TRANSPORTATION PLAN

Local Government Task Force Meeting

Wednesday, October 8, 2025

AGENDA

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



WHAT IS ENVISION 2050?

Envision 2050 is the name for Lake County's Long Range Transportation Plan (LRTP), a guided framework for shaping the future of transportation in Lake County over the next two decades and beyond. The plan identifies transportation priorities, a project list, and implementation strategies, enabling decision-makers to understand and plan for regional social, economic, and environmental impacts.

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

PROJECT TIMELINE

PHASE 1 - DISCOVER

April – October
2025

PHASE 2 - DEVELOP

November – March
2025-26

PHASE 3 - DECIDE

April – August
2026

PHASE 4 - DELIVER

August – October
2026

We are here.

PHASE 1 GOALS

Envision 2050 exists in four phases, each designed to support public and stakeholder engagement to inform the final long range transportation plan.

- Increase Public Awareness of the LRTP
- Build Stakeholder Relationships and Trust
- Understanding Current Transportation Conditions
- Gather Foundational Community Input
- Educate the Public on the Planning Process
- Lay the Groundwork for Future Phases

PROJECT PHASES 2-4

- **PHASE 2 | DEVELOP:** In Phase 2, the project team will define the vision, goals and objectives for Envision 2050 and begin building the foundation for the plan. This includes a travel demand model to forecast future transportation needs and creating draft alternatives and strategies.

- **PHASE 3 | DECIDE:** Phase 3 is about refining the list of alternative projects and strategies drafted in Phase 2 and prioritizing them based on need and impact, while also developing a financial plan to match available funding with future goals.

- **PHASE 4 | DELIVER :** In the final phase, the full planning process is documented and the Long Range Transportation Plan is compiled into a final report for implementation.

ROLE OF THE LOCAL GOVERNMENT TASK FORCE

The Local Government Task Force serves as a guiding group for Envision 2050, particularly focused on coordination between the County and local units of government. The group will discuss transportation facilities, investments and policies, providing feedback and local insights, throughout the planning process. Invitees include all municipalities and townships across Lake County. In Phase 1, the Task Force's role is to help shape the vision, identify early priorities, and ensure the plan reflects the diverse needs of the people.

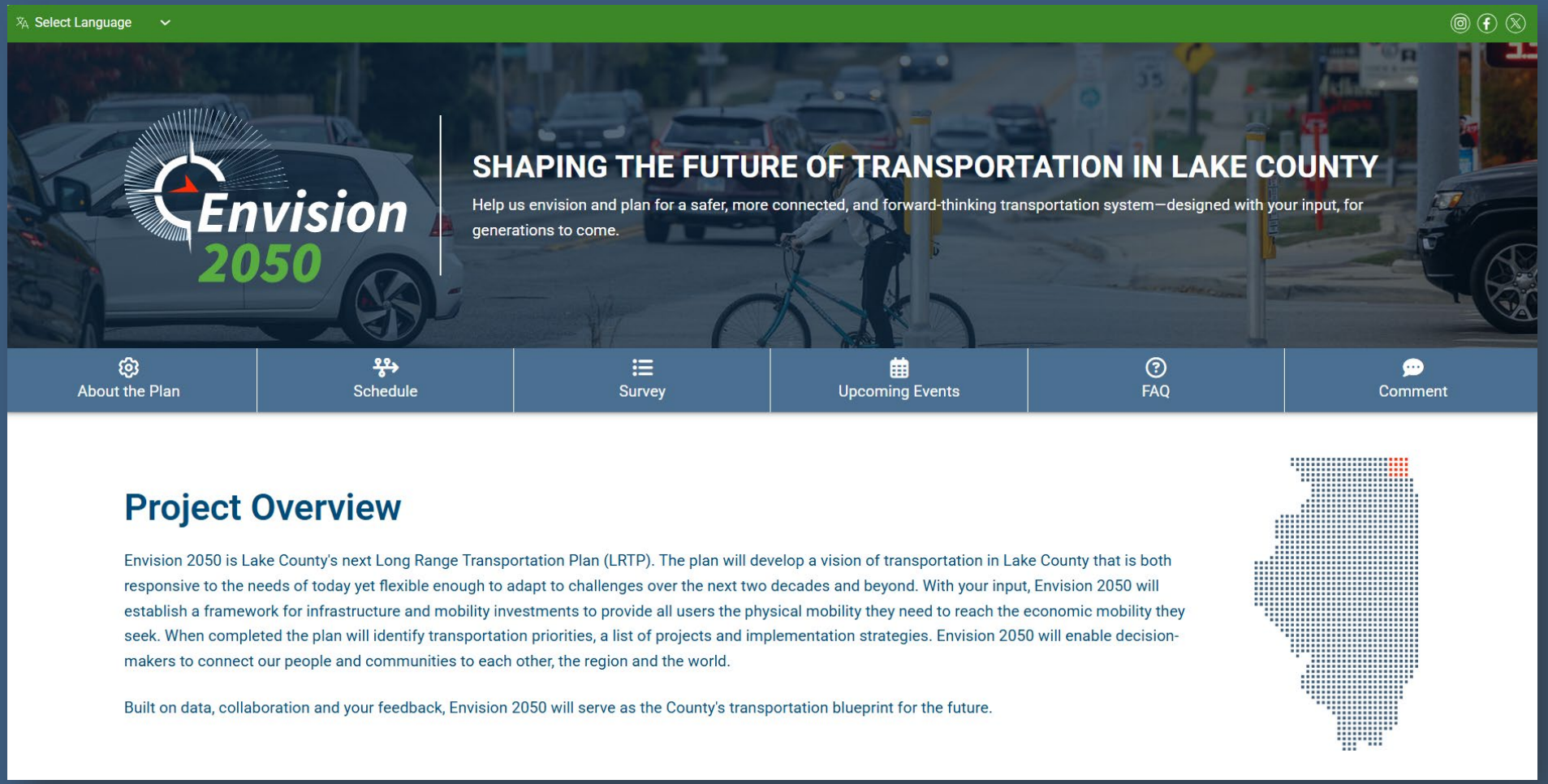
ENVISION 2050 UPDATES

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



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SURVEY RESULTS

500 RESPONSES

MOST IMPORTANT TRANSPORTATION ISSUES

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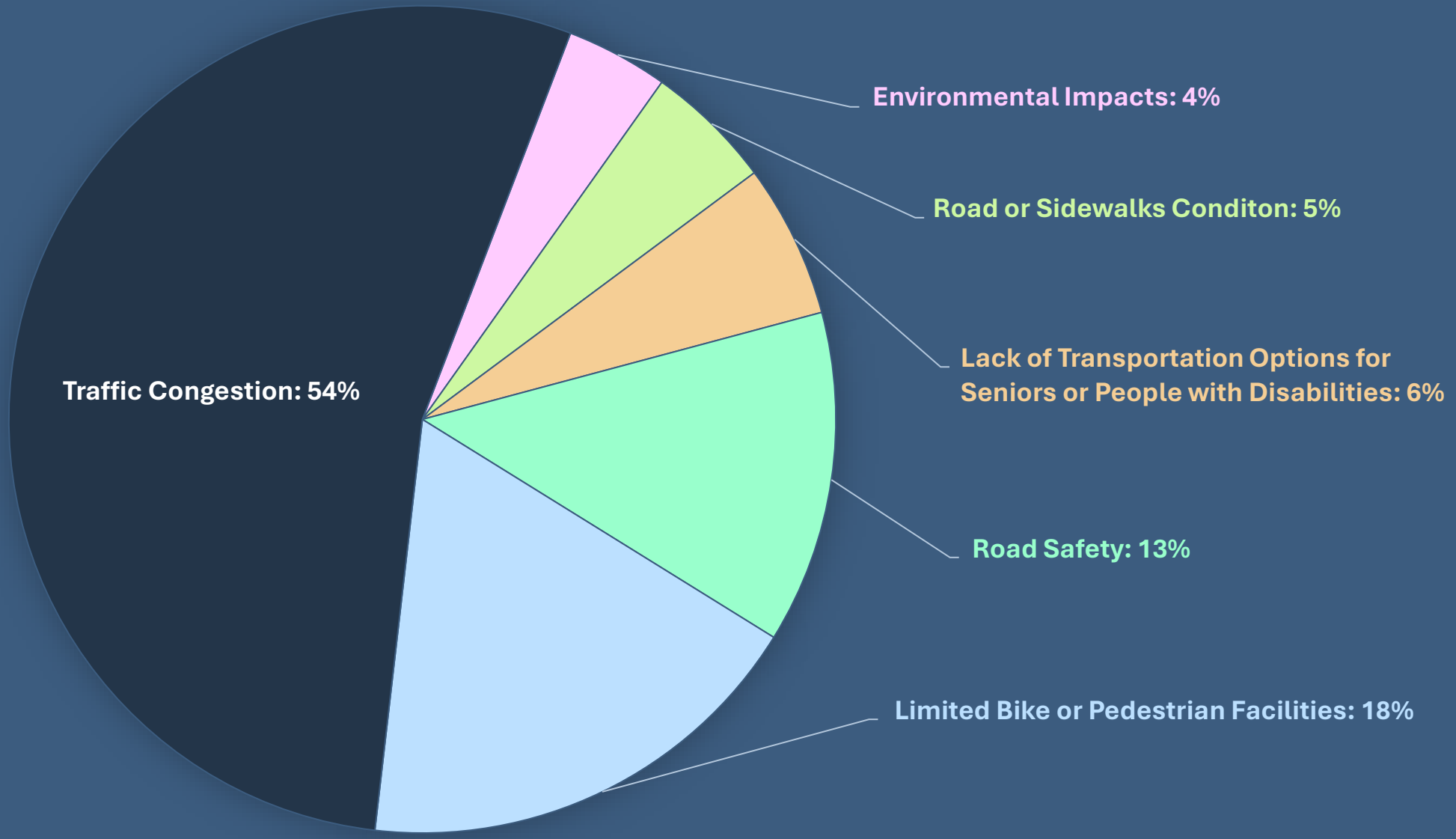

MOST IMPORTANT TRANSPORTATION GOALS

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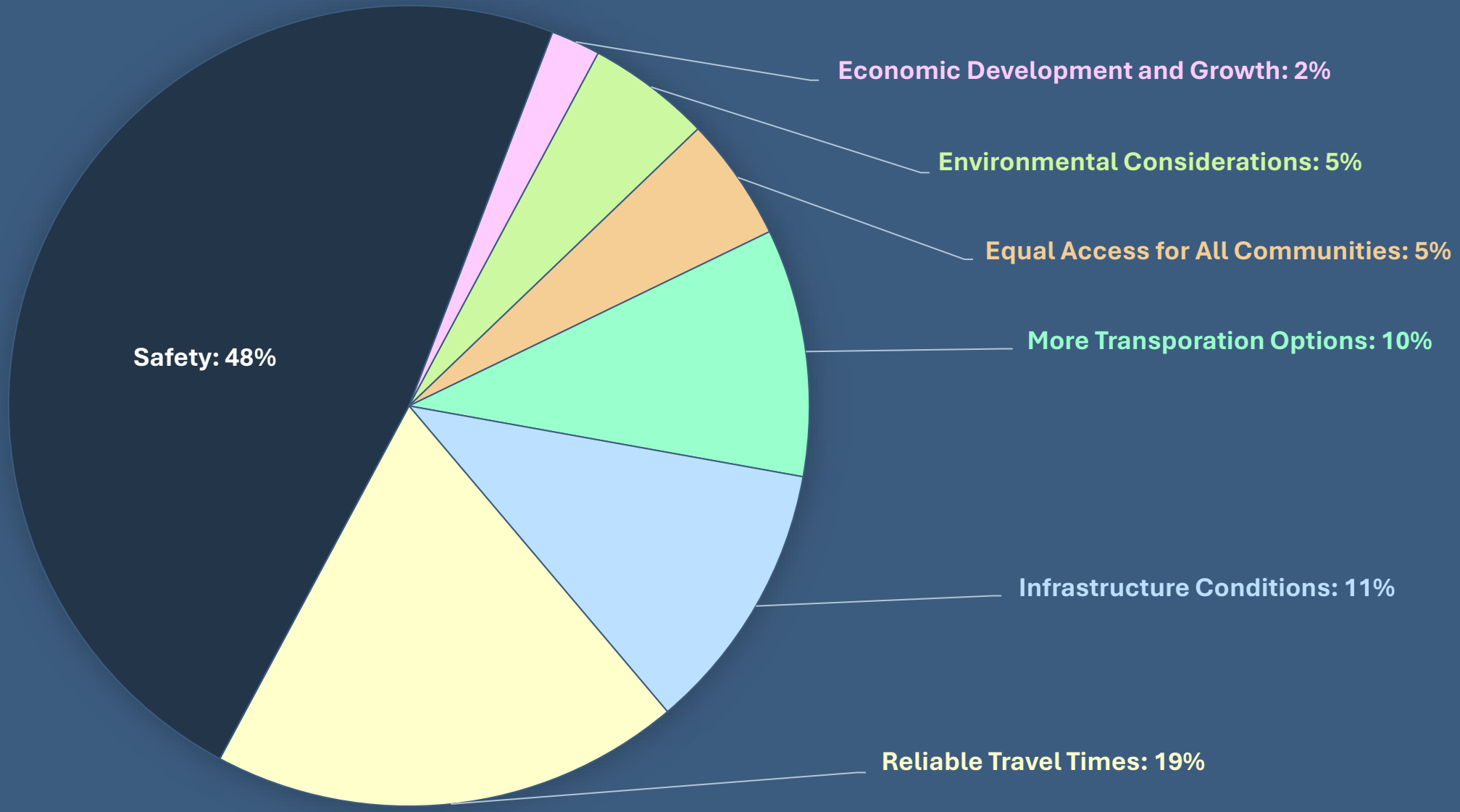
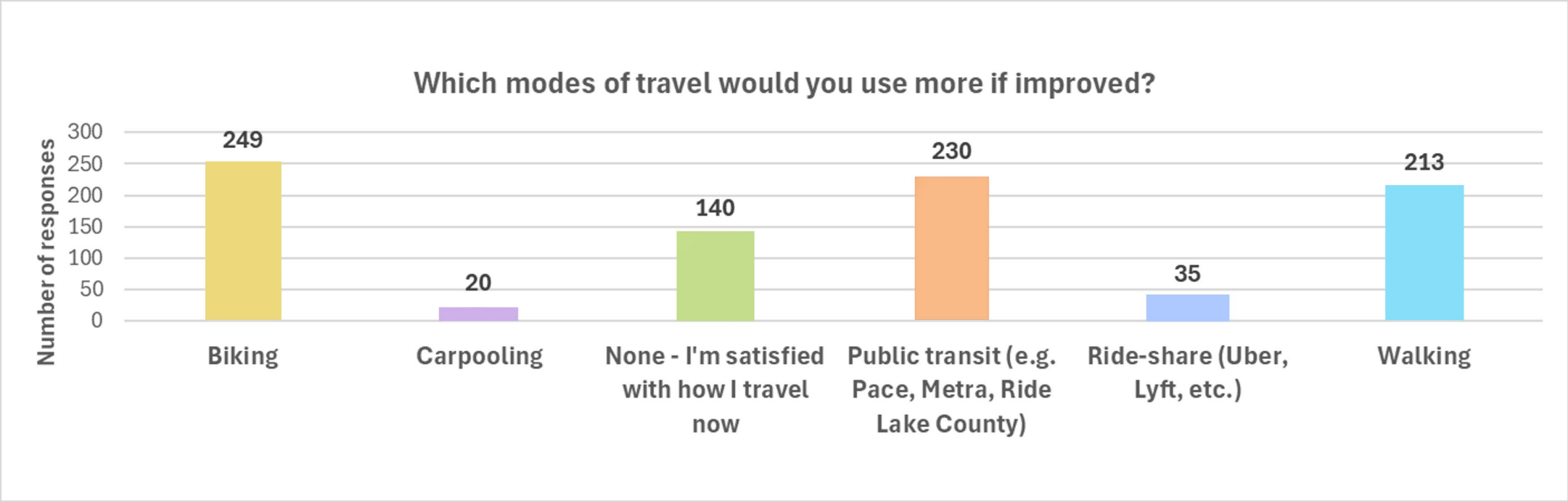


WHICH MODES OF TRAVEL WOULD YOU USE MORE IF IMPROVED?



HOW SATISFIED ARE YOU WITH YOUR CURRENT TRANSPORTATION OPTIONS?

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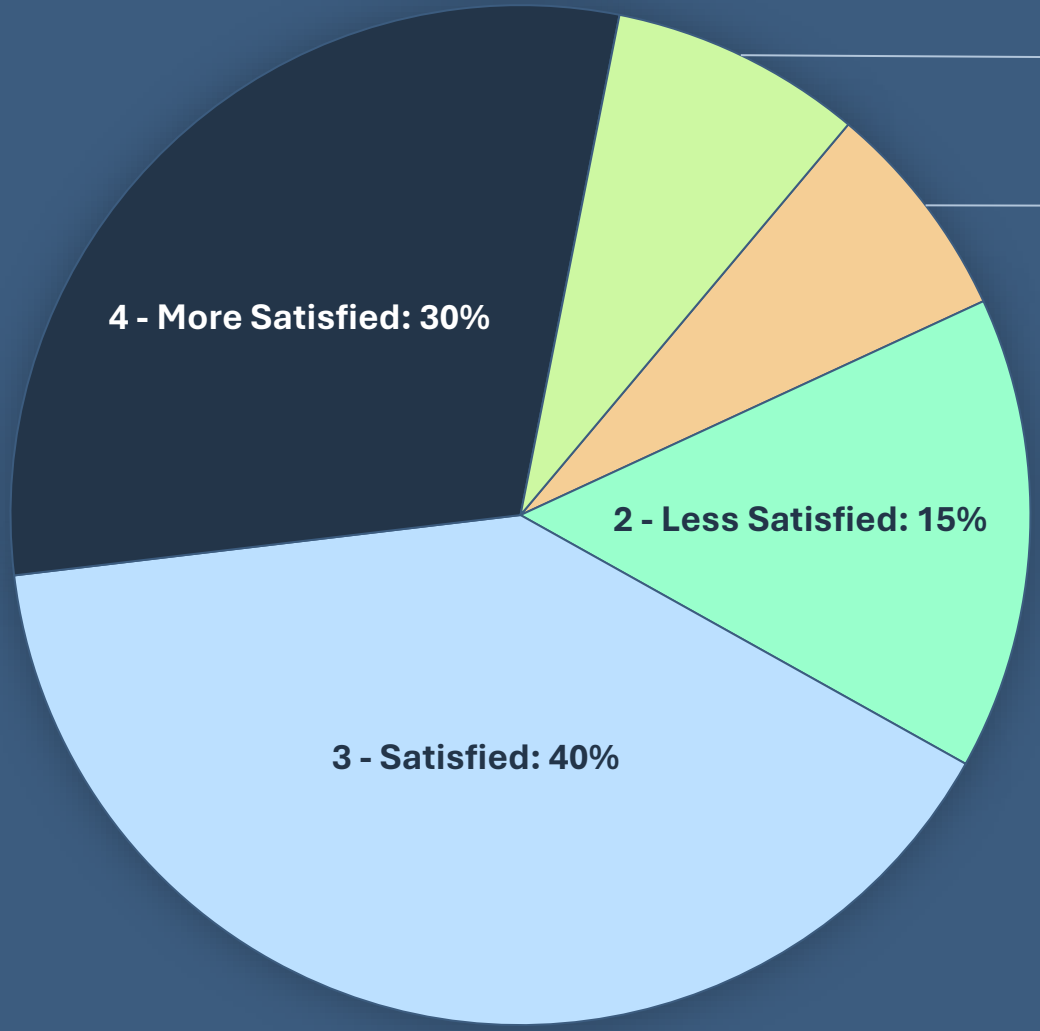
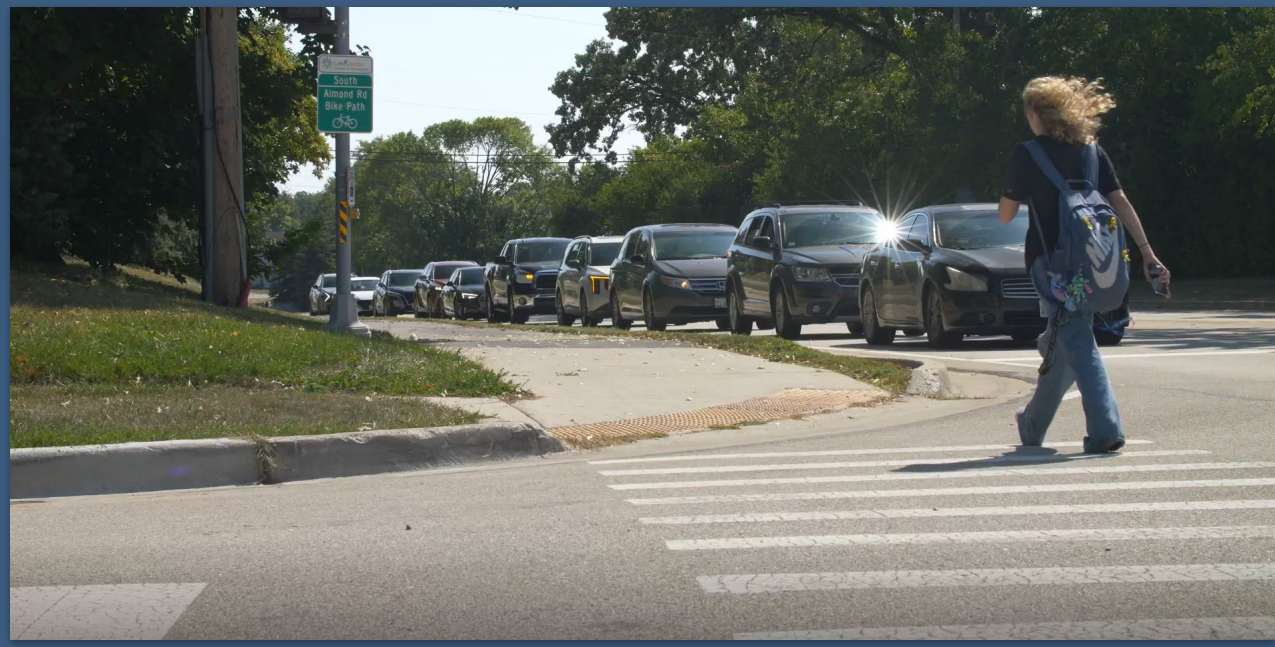
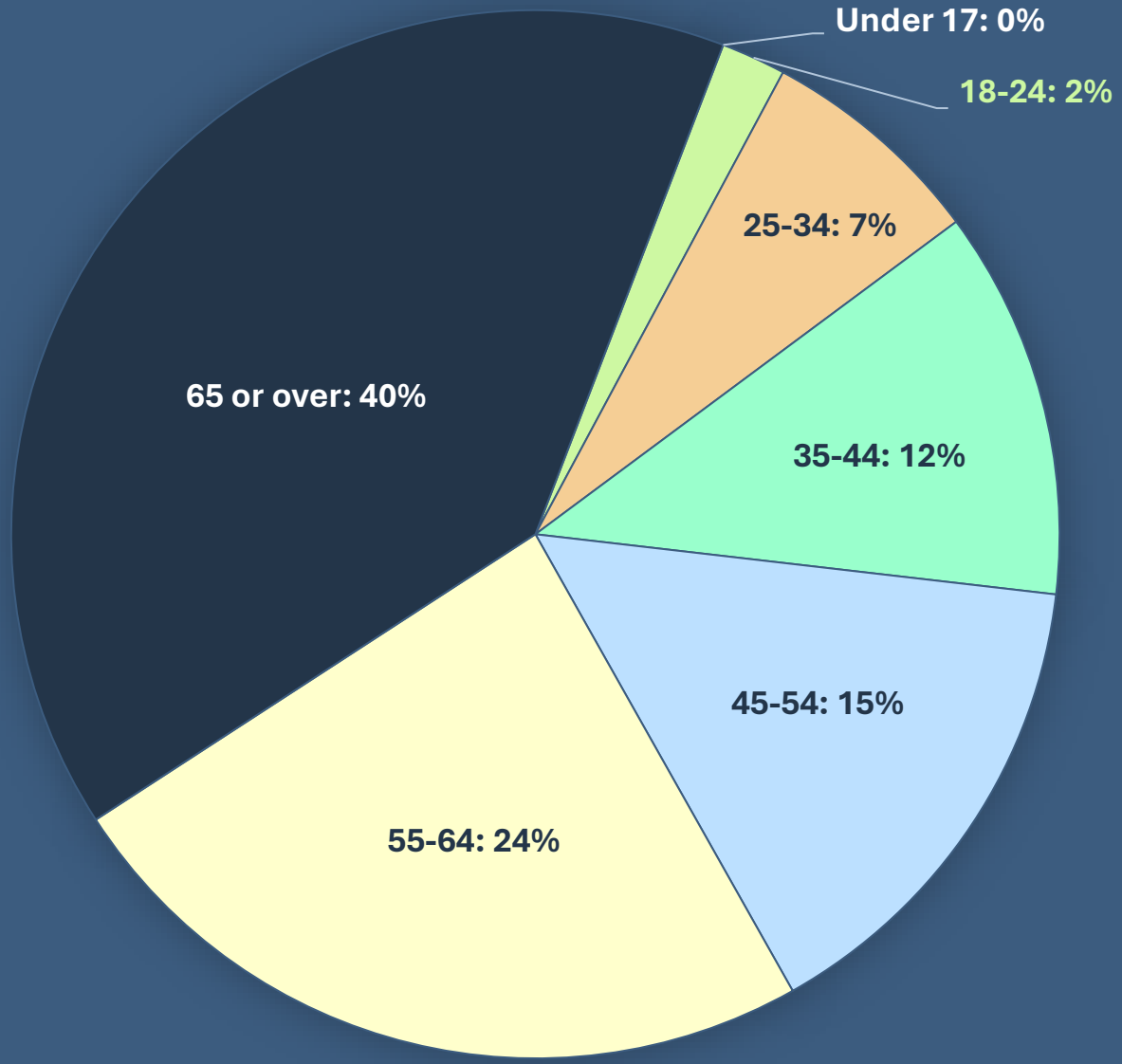


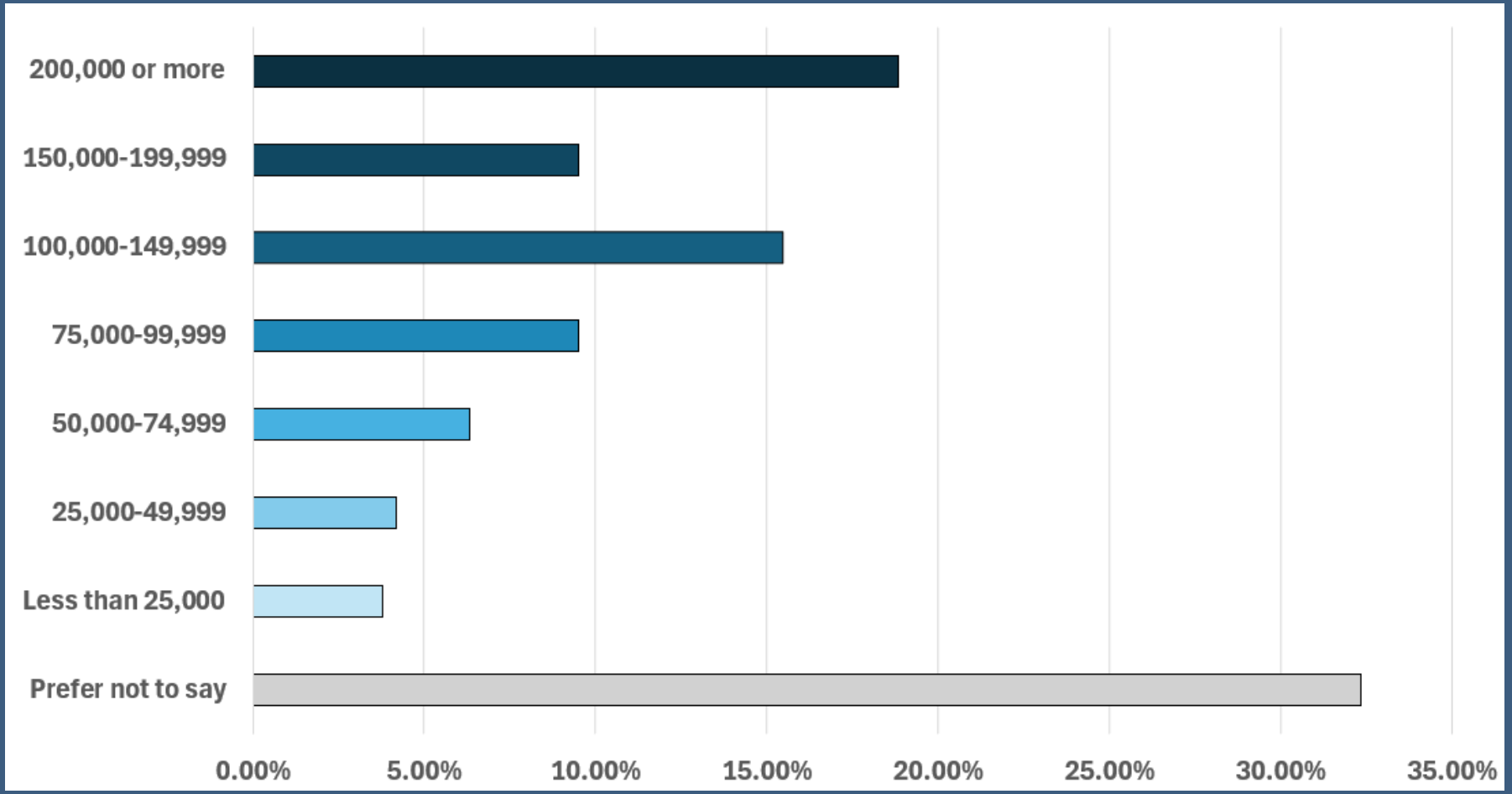


*On a scale from 1 – 5, with 1 being least satisfied and 5 being most satisfied

DEMOGRAPHICS - AGE



DEMOGRAPHICS: ANNUAL HOUSEHOLD INCOME



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EXISTING CONDITIONS

UNDERSTANDING LAKE COUNTY'S CURRENT TRANSPORTATION LANDSCAPE

EXISTING CONDITIONS: OVERVIEW

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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)

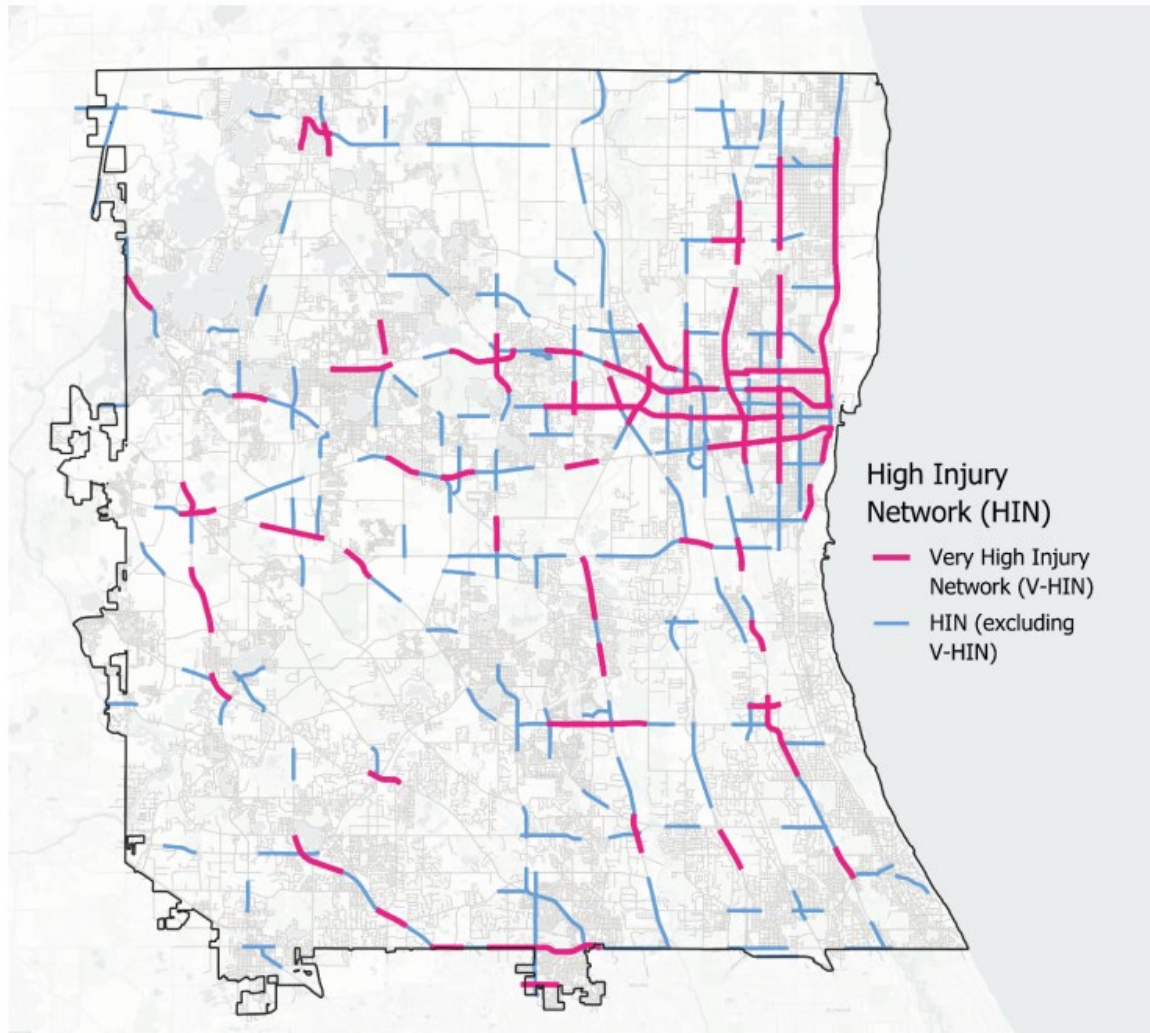
Transit

- 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

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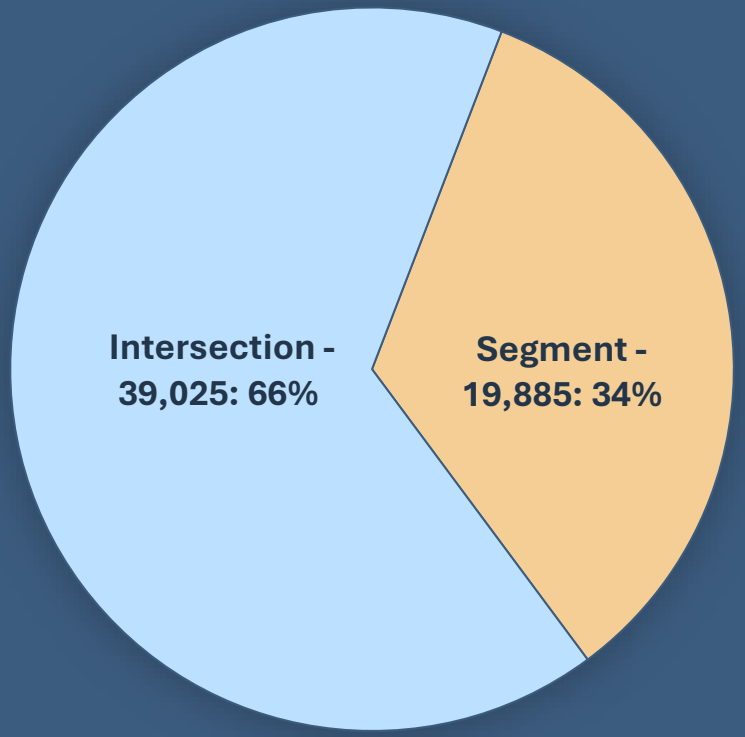
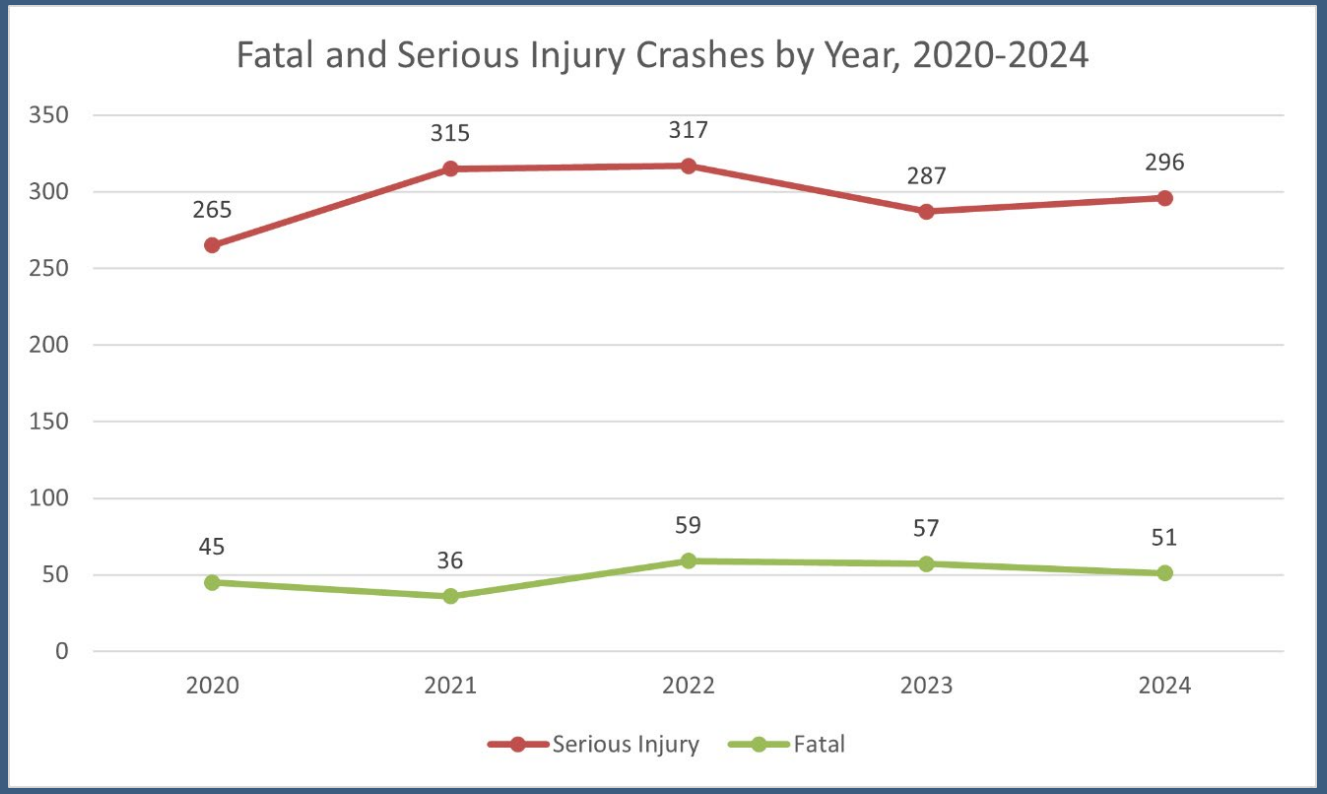
Collision Type	Fatal Injury (K) Crashes	Serious Injury (A) Crashes	Minor Injury (B) Crashes	Possible Injury (C) Crashes	Total Injury Crashes
Front to Rear	20	240	1,794	2,367	4,421
Turning	43	389	2,017	1,617	4,066
Angle	17	162	790	622	1,591
Fixed Object	54	236	798	493	1,581
Sideswipe Same Direction	10	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
Overturned	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

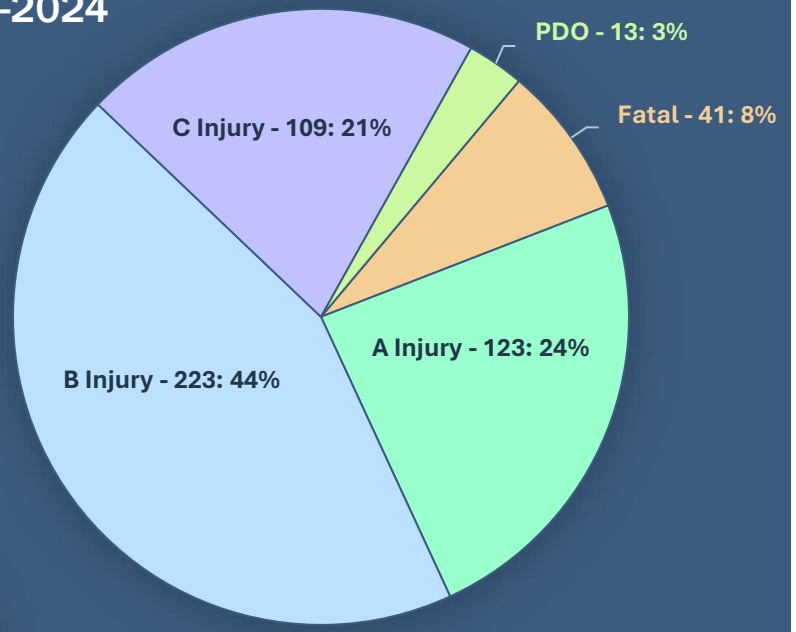
Corridor Name	Total Crashes
Lake Cook Rd between Quentin Rd and Arlington Heights Rd	990
Townline Rd/IL Route 60 between Waukegan Rd and Butterfield Rd	905
Washington Street between Jackson St and IL 131	881
Route 45/IL Route 83 between IL Route 60 and Route 53	880
IL 132 / Grand Ave between Milwaukee 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

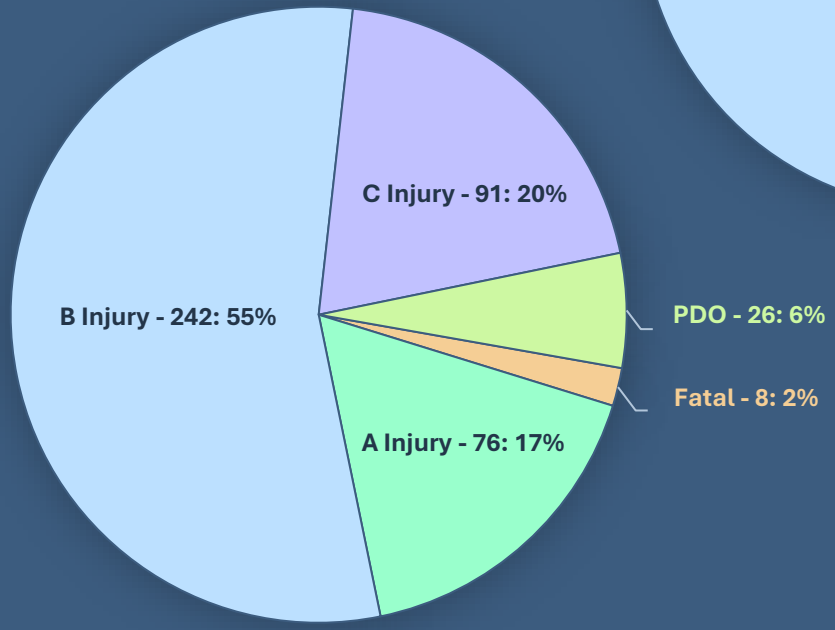
Intersection Name	Total Crashes
Townline Rd and Lake St	275
Lake Cook Rd and Hicks Rd	263
Green Bay Rd and Grand Ave	230
Rand Rd and Lake Cook Rd	201
Washington St and Green Bay Rd	198
Skokie Hwy and Kennedy Rd	194
Lewis Ave and Grand Ave	191
Belvidere St and Green Bay Rd	188
Skokie Hwy and Buckley Rd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

SAFETY: NON-MOTORIZED

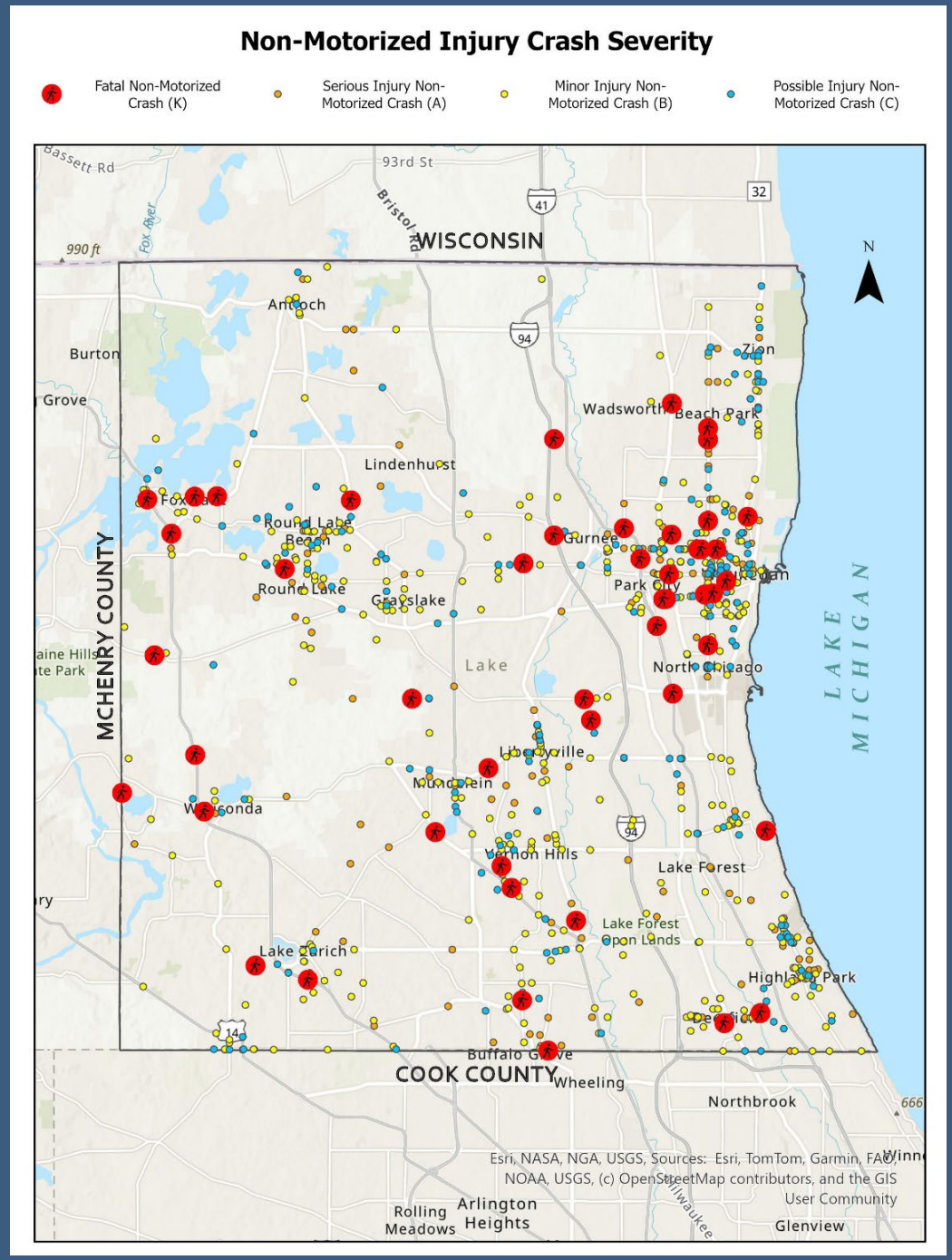
Pedestrian-Involved Crashes, 2020-2024



Bicyclist-Involved Crashes, 2020-2024



Non-Motorized Injury Crash Severity



MOBILITY – PEAK HOUR SPEED REDUCTIONS

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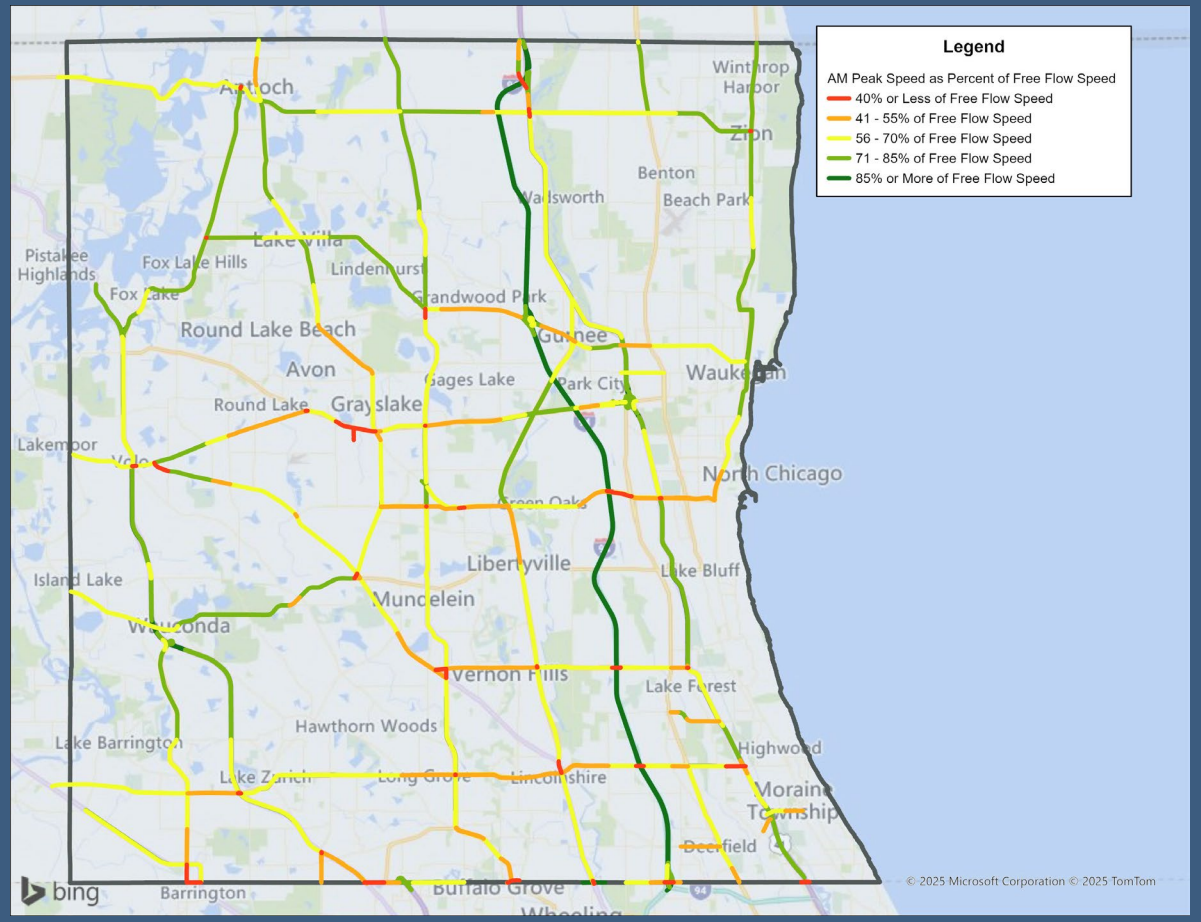
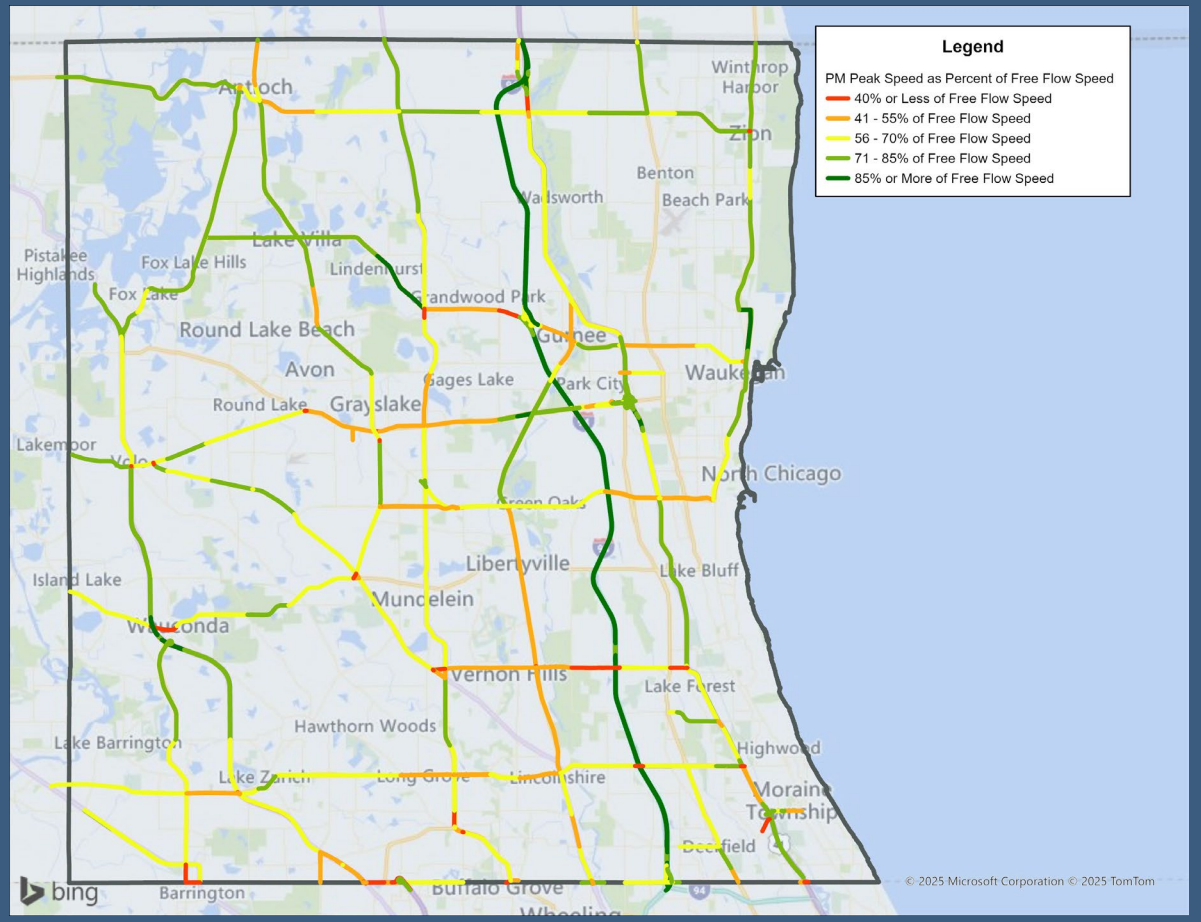
AM Peak Speeds

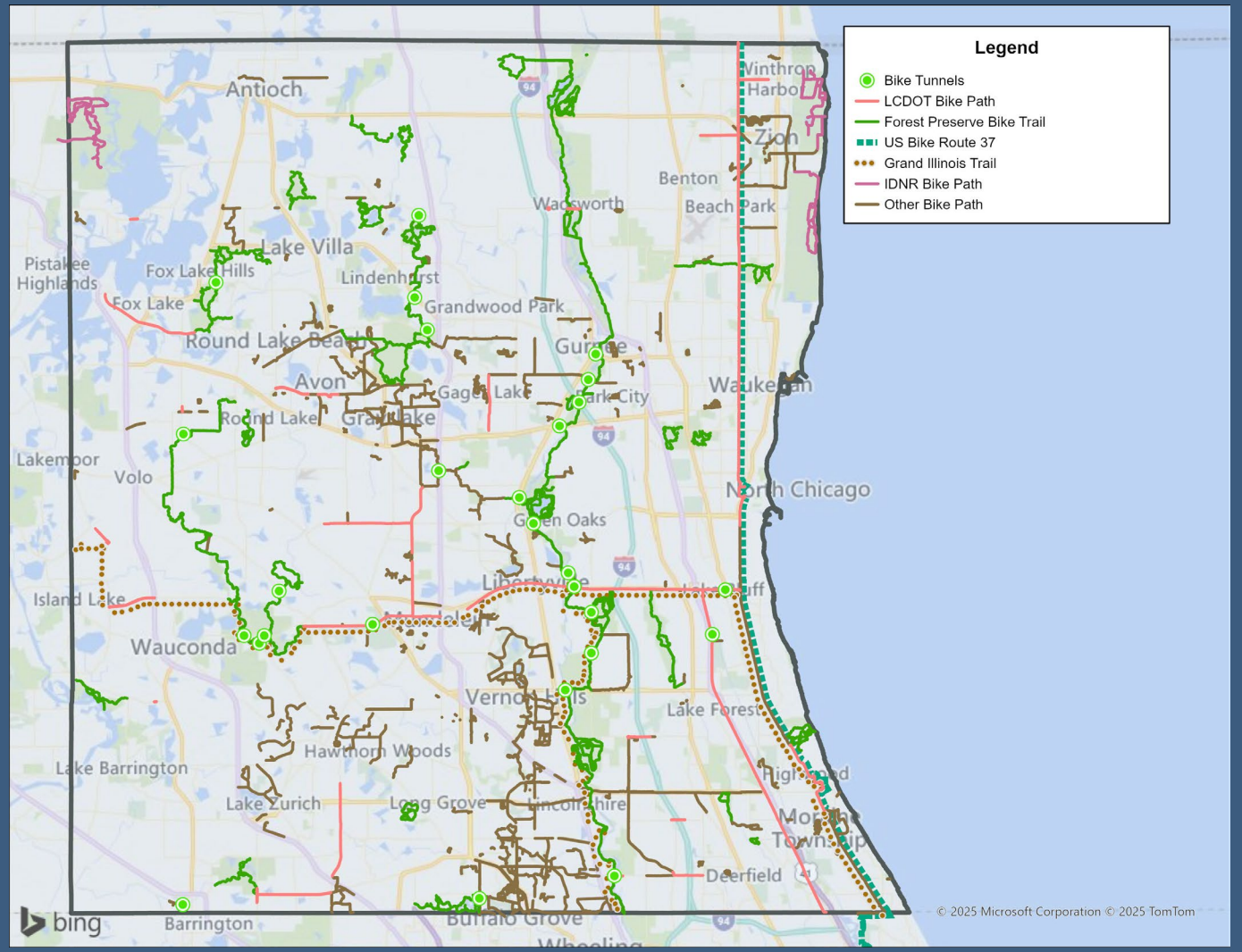


PM Peak Speeds



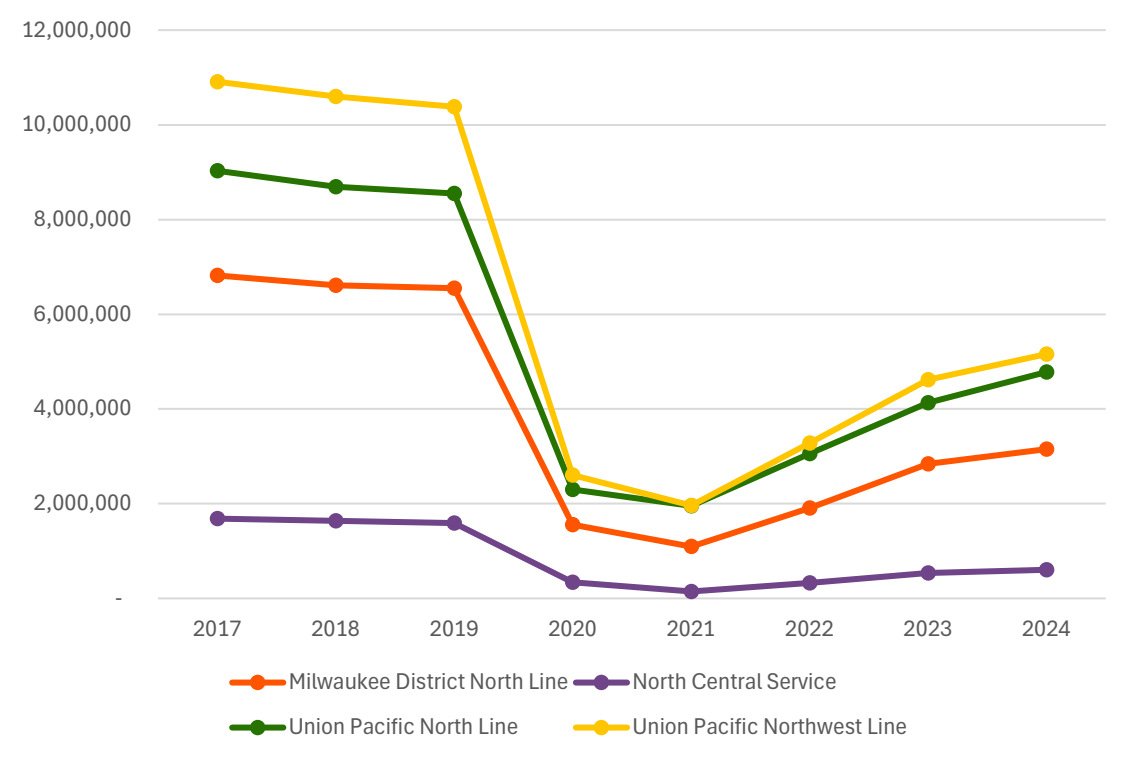
NON-MOTORIZED TRANSPORTATION – EXISTING FACILITIES

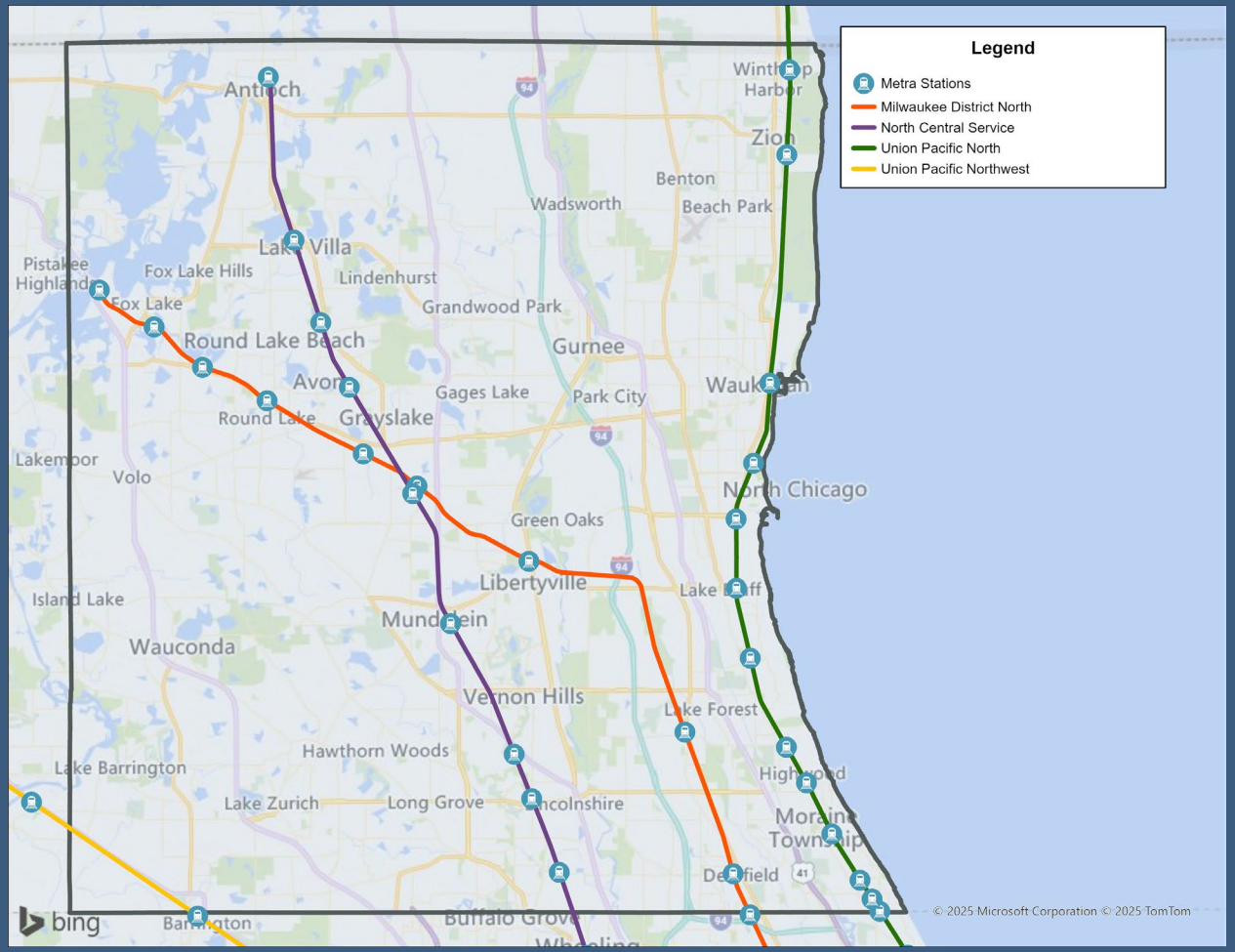
- Over 550 miles of bike trails
- 253,000 residents live within a 5-minute walk to a bike trail



TRANSIT – METRA

Metra System Statistics – Lake County





TRANSIT – PACE

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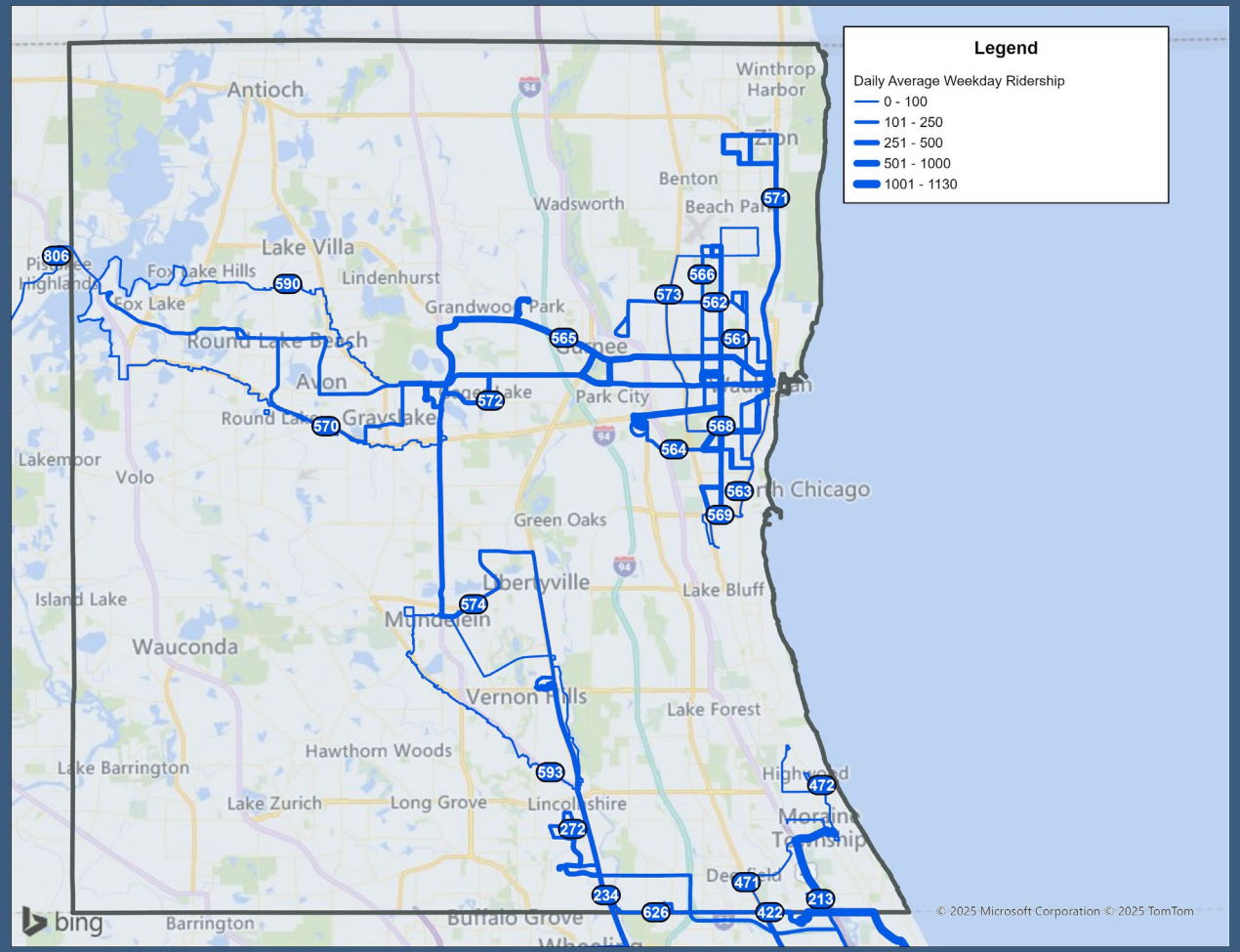
Pace System Statistics – Lake County
Top 5 Pace Routes by Ridership

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

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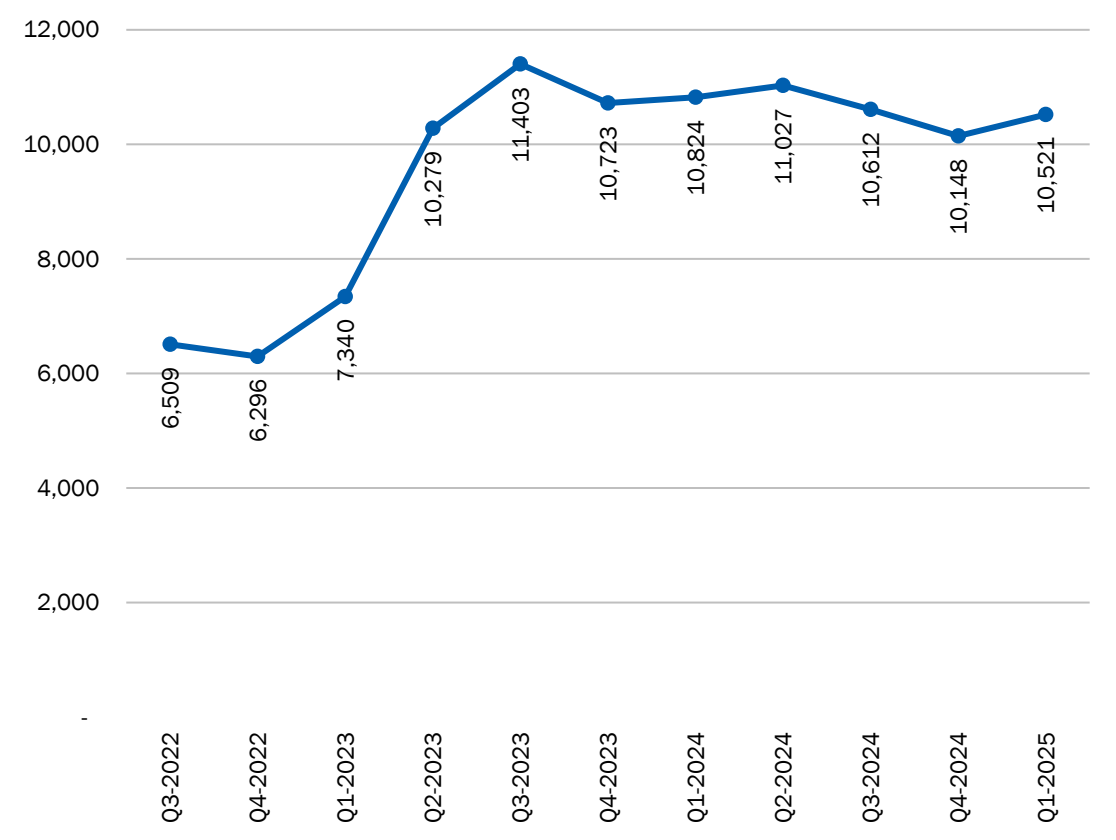
Passengers Served by Quarter 2022-2025



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

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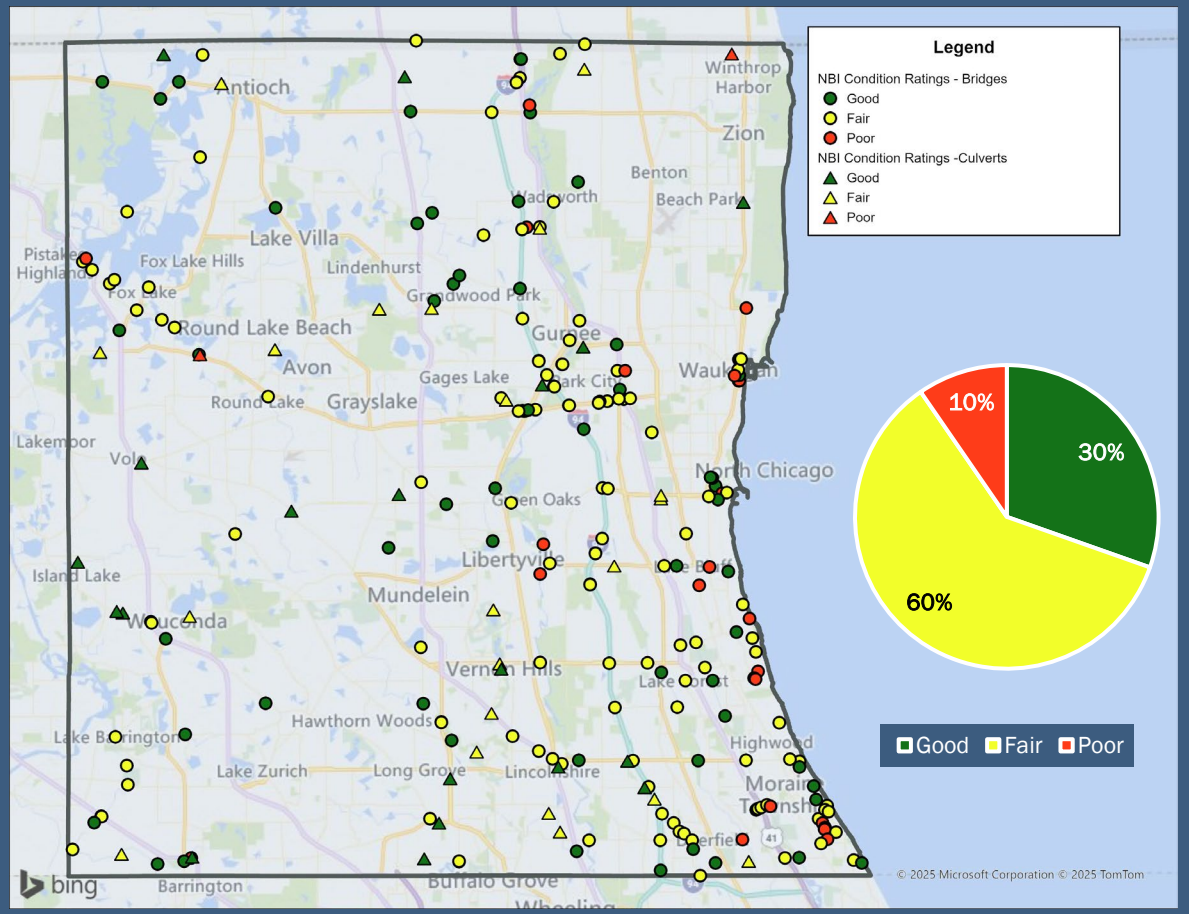
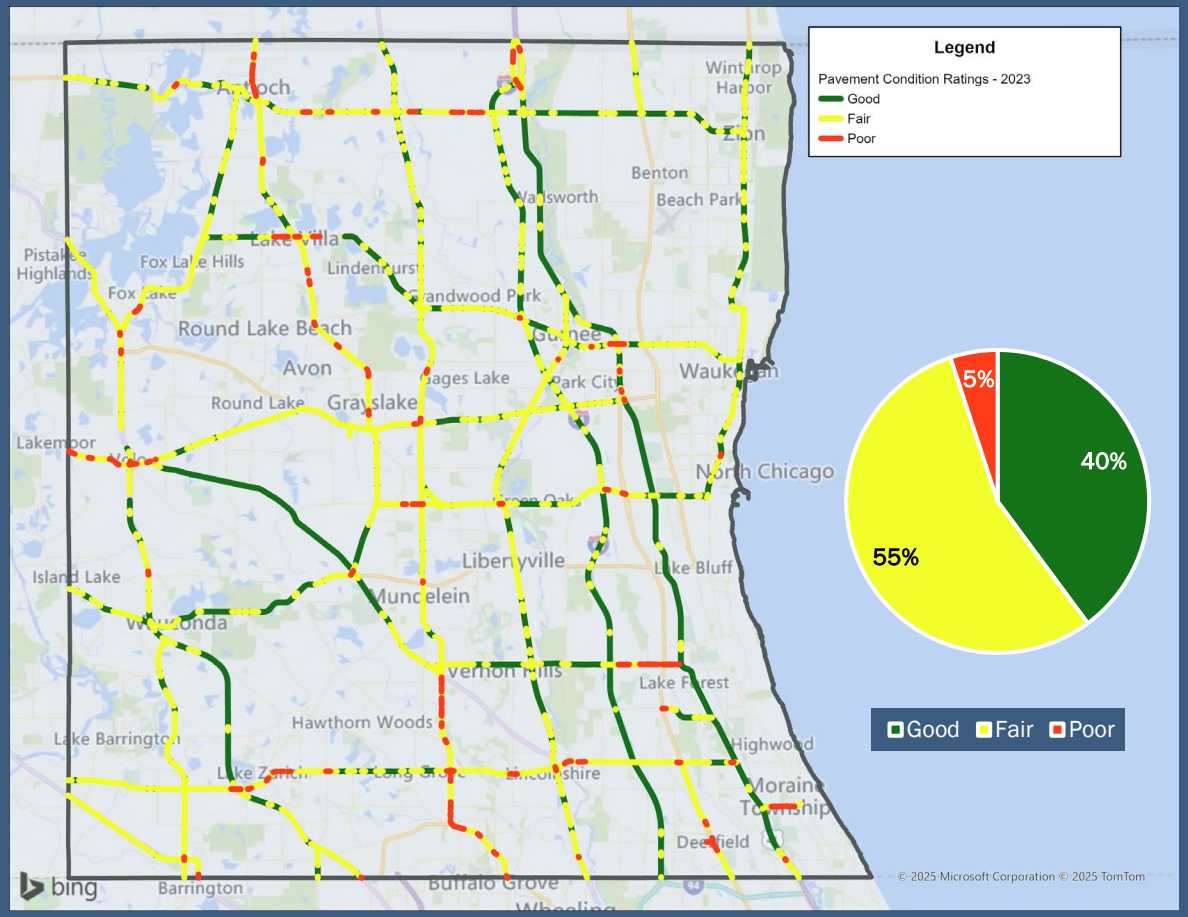
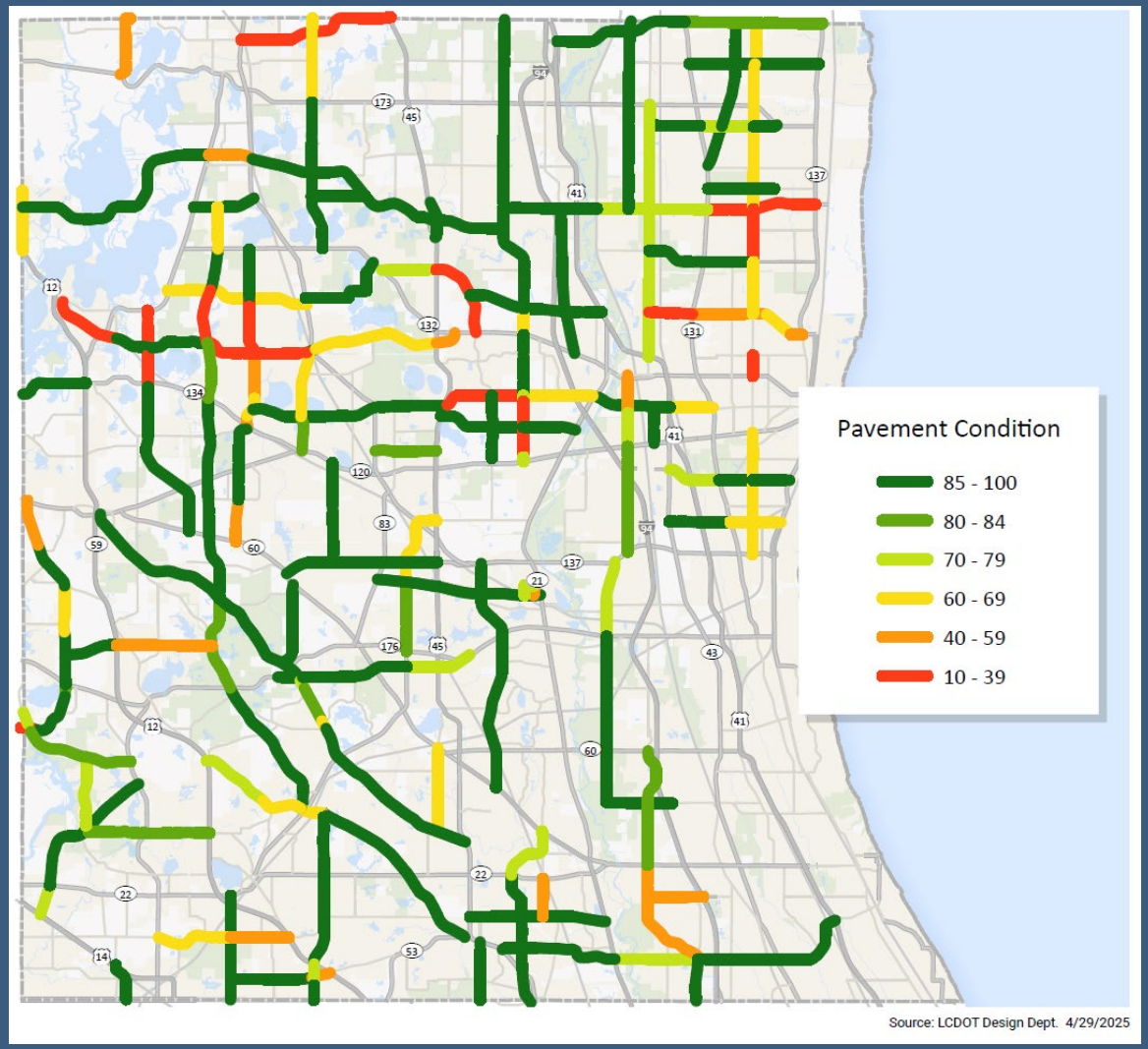
Bridge Condition



Pavement Condition

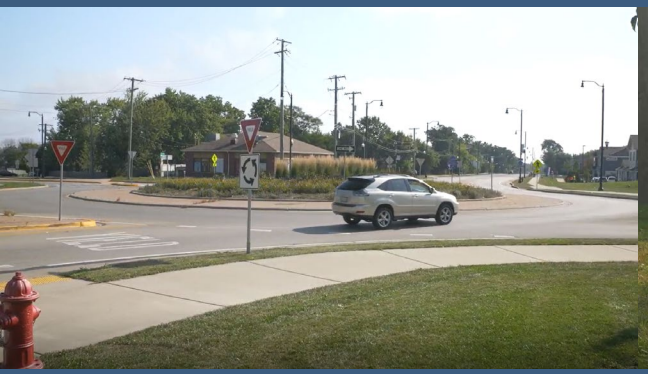


INFRASTRUCTURE CONDITION – LAKE COUNTY PAVEMENT



TRANSPORTATION PRIORITIES

Interactive Activity



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

Safety – Getting to your destination safe and sound

Condition & Preservation – Improving and preserving the roads that already exist

Non-Motorized – More transportation options for pedestrians and bicyclists

Transit – Addressing connectivity to transit options like Metra and Pace

Expansion – Increasing the number of roads or lanes to help with traffic capacity

Mobility & Modernization – Making transportation improvements that help all road users

Q&A

Open Discussion

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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

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LOCAL GOVERNMENT TASK FORCE MEETING #2

Winter 2026

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THANK YOU!

Mike Klemens, Manager of Transportation Planning

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