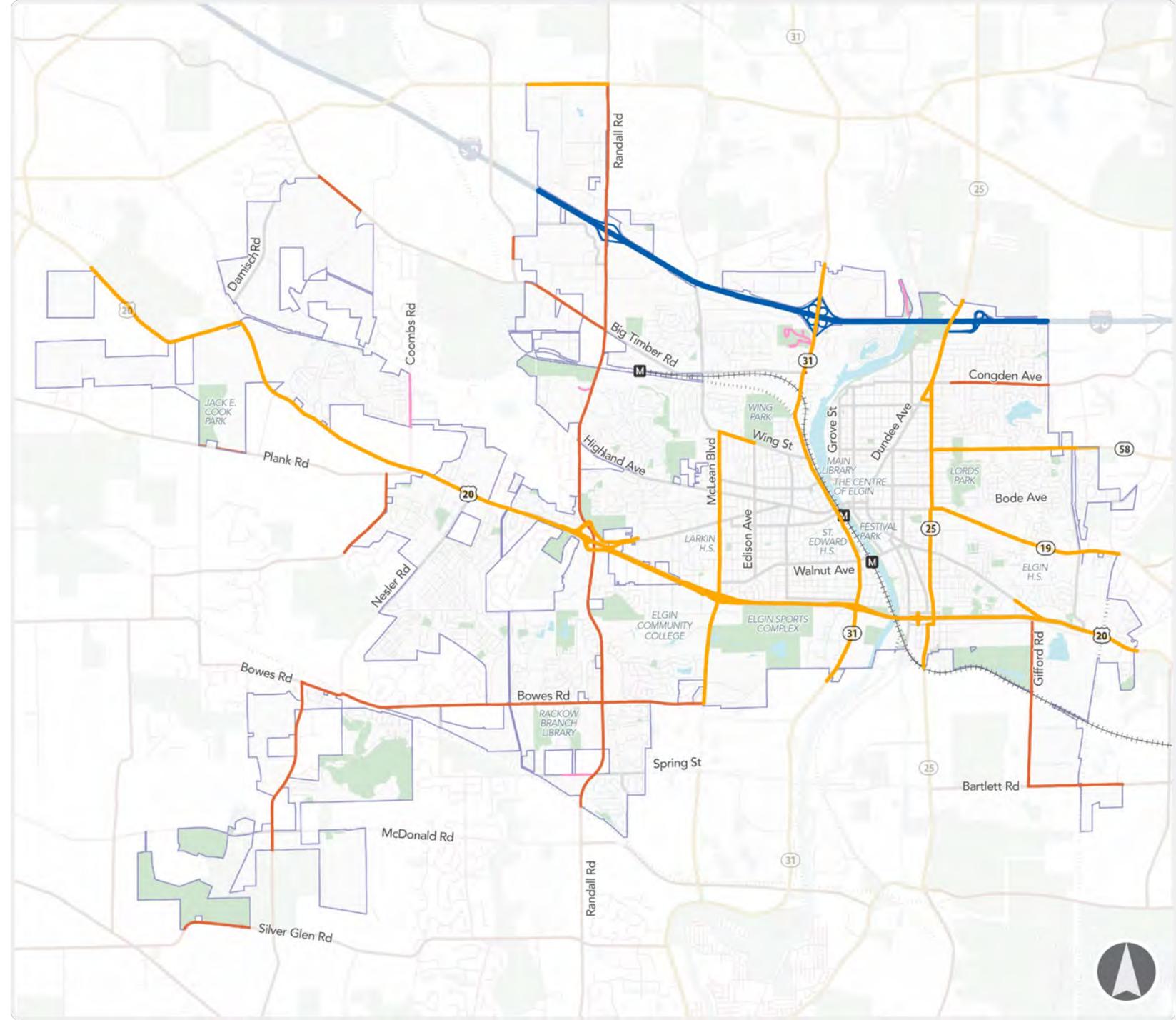# Existing Conditions Maps

May 2025

Roadway Jurisdiction

- Many roadways under IDOT and Kane or Cook County jurisdiction
- Some roadways change jurisdiction throughout the City
- Adds coordination and complexity to potential improvements

Roadway Functional Class and Annual Average Daily Traffic

- Busiest roadways include Randall, McLean, State, Dundee

- US 20 and I-90 experience a large portion of east-west traffic

- Randall and State are the busiest north-south corridors

City Boundary
Parks / Open Space
M Metra Station / Rail Line
Freight Rail Line

Annual Average Daily Traffic

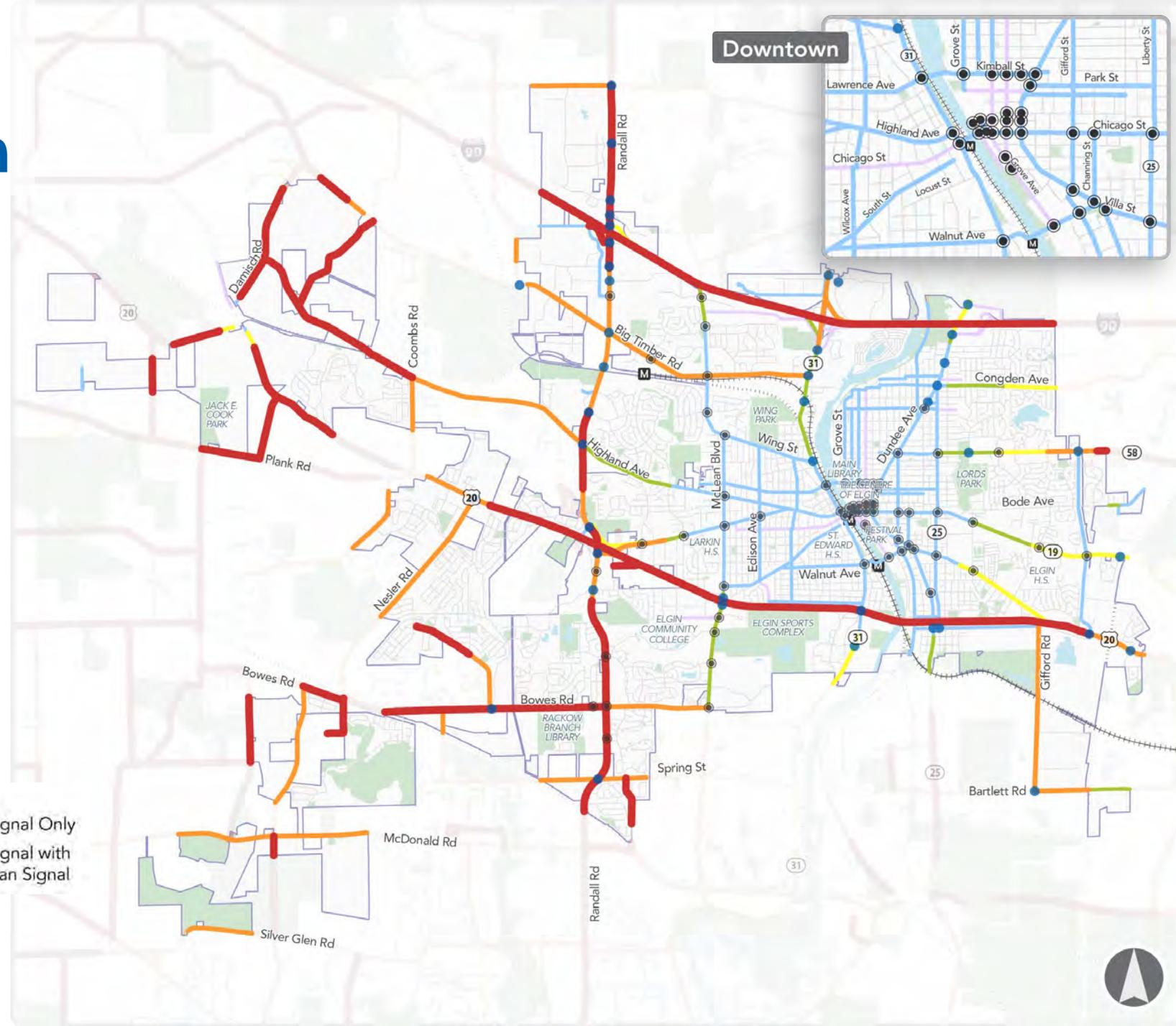| Low	Medium	High	
			Interstate
			Arterial
			Collector
			Local
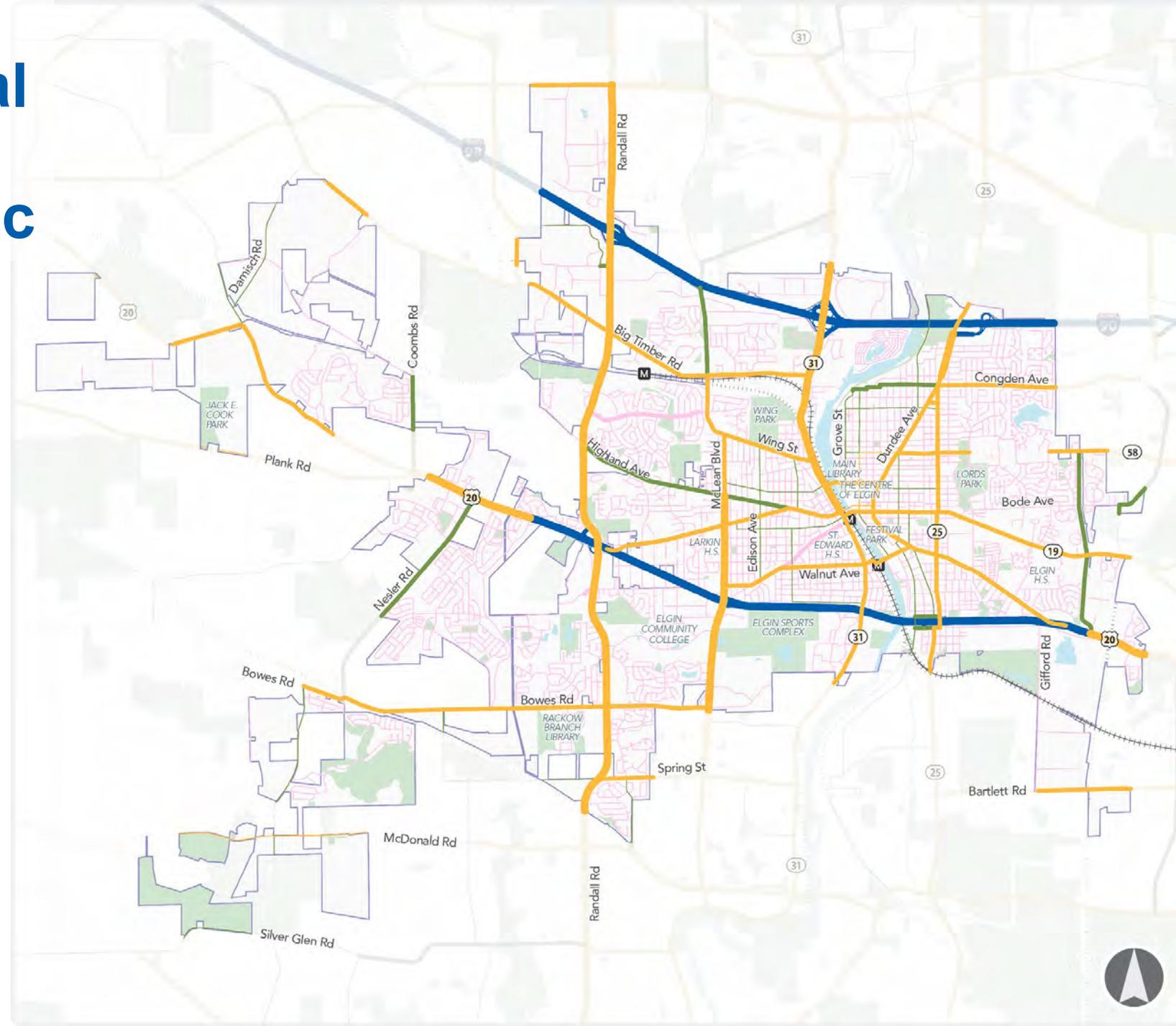
Speed Limits + Traffic Signalization

- Most arterial and collector roads are 35+ mph or more

- Streets in and near downtown typically have speed limits of 30 mph or less

- Potential crossing improvements will be explored, considering locations with and without existing pedestrian signals

Active Transportation Network (Existing)

- Gaps between bike facilities
- No complete north-south or east-west connection
- Most existing facilities are on-street
- Shared-use paths and trails prevalent in new residential development areas
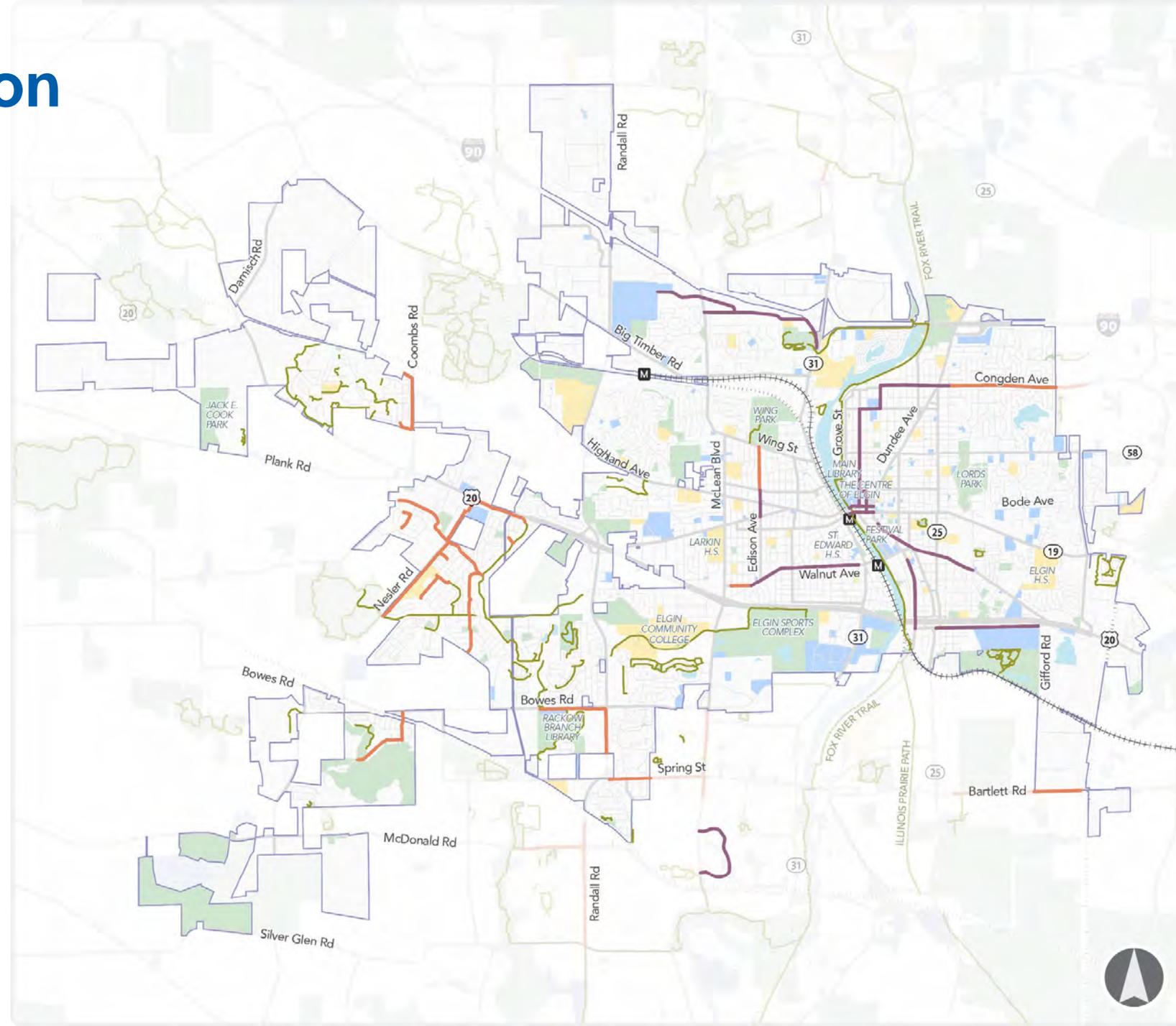
Active Transportation Network (Future)

- Future facilities as envisioned in 2008 Bikeway Master Plan

- Fills gaps between existing facilities

- Network recommendations will consider facilities that have been built and current conditions

Transit Network

- Pace bus routes serving local and regional destinations
- Highest ridership Pace stops:
  - › Elgin Transportation Center
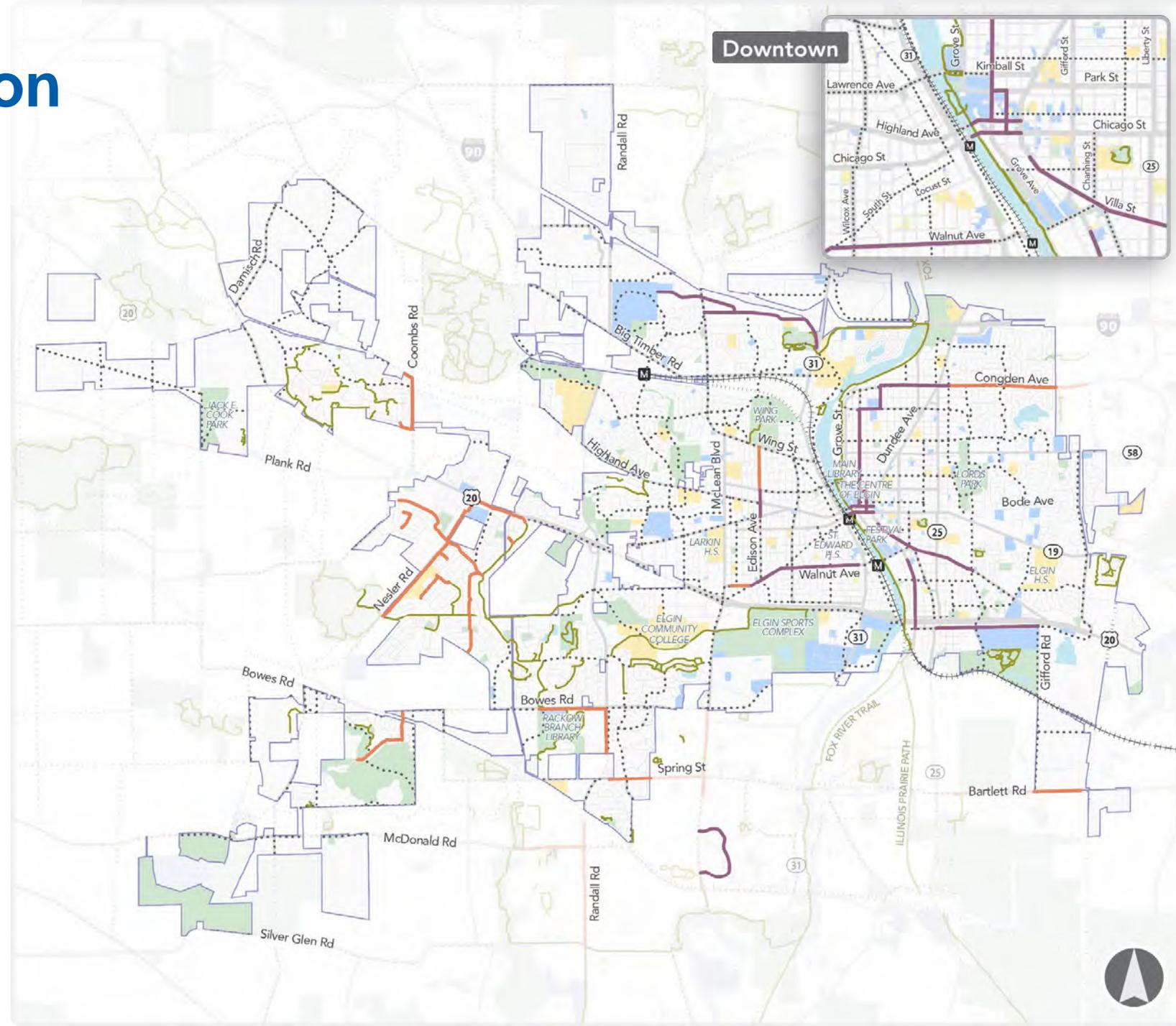 - › Randall Road Park-n-Ride
  - › Lyle Ave and Grandstand Pl
- Elgin Transportation Center an important asset
- Potential for improved connectivity to transit facilities, and between Metra stations and key destinations

City Boundary
Parks / Open Space
Ⓜ Metra Station / Rail Line
Freight Rail Line
School
Community-Oriented Space

Pace Bus
High Ridership Bus Stop
Bus Route

* The entire city is served by Pace On-Demand
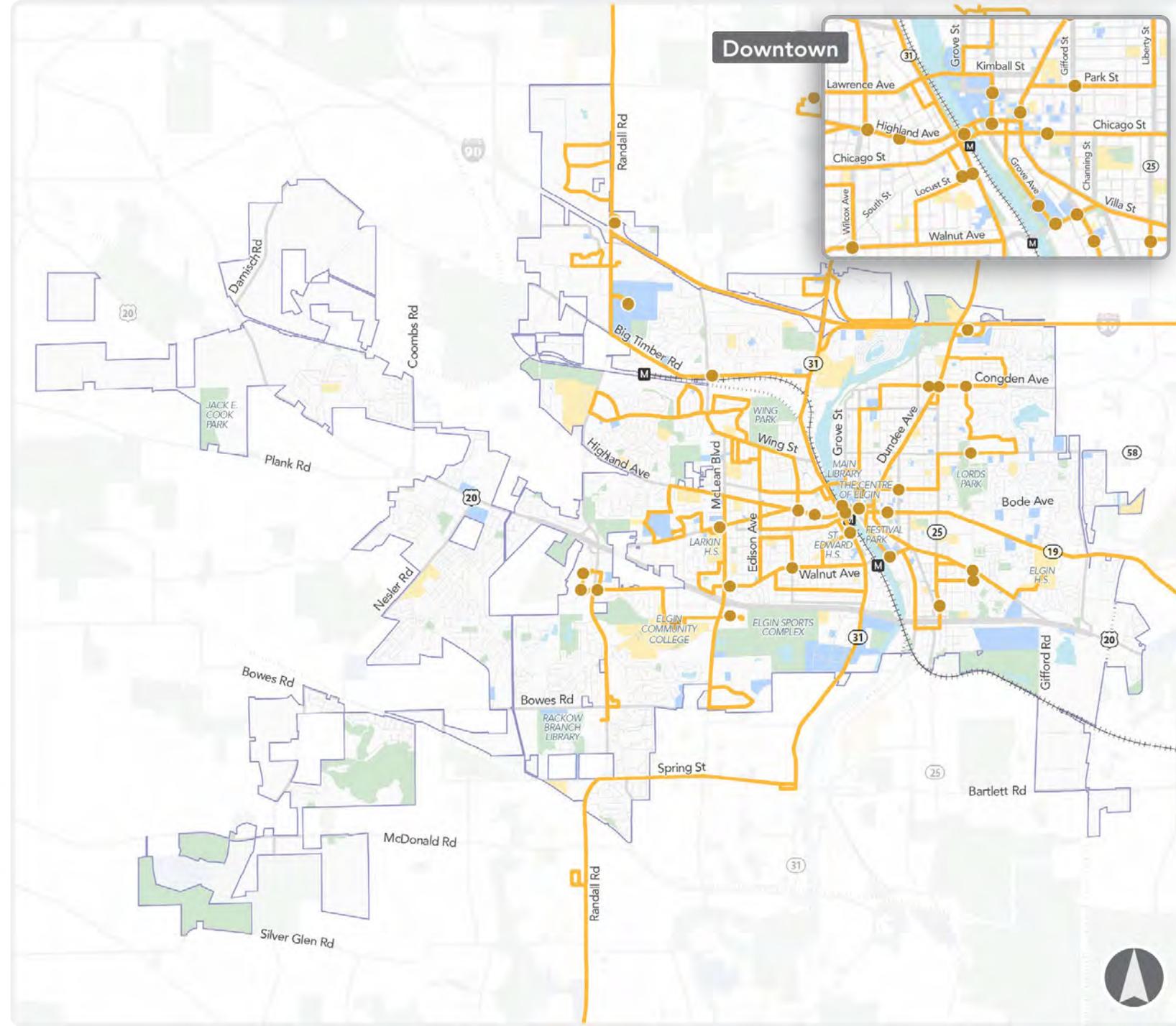
Truck Routes + Freight Generating Land Uses

- Freight-generating land uses in northwest and southeast area of City

- Truck routes relatively confined to few roadways

- Truck routes taken into consideration for safety of those walking, biking and rolling

Legend:
- City Boundary
- Parks / Open Space
- Ⓜ Metra Station / Rail Line
- Freight Rail Line
- Primary Freight-Generating Land Use
- Secondary Freight-Generating Land Use

Truck Routes
- Tollway Designated Class I
- State Designated Class II
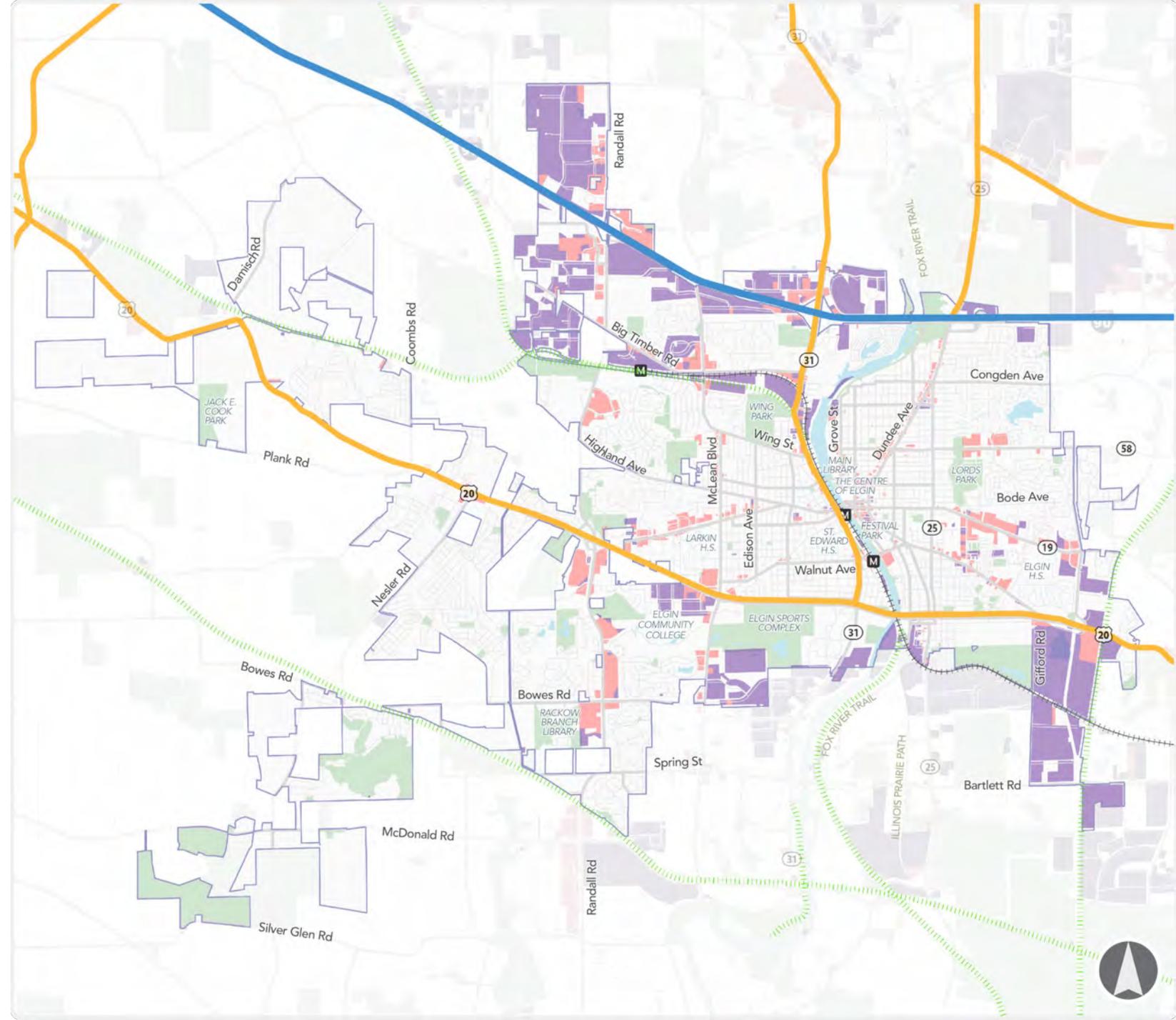
Crash Hot Spots (2019-2023) + Existing Bike Network

- Most crash hot spots are located at major intersections

- Hot spots along Randall, McLean, Dundee, State, at intersections along US 20

Legend:

| City Boundary |
| Parks / Open Space |
| Metra Station / Rail Line |
| Freight Rail Line |
| School |
| Community-Oriented Space |

Bike Facilities
- On-Street
- Shared-Use Path
- Trail

Crash Density
All Travel Modes and Severities
- Low
- High
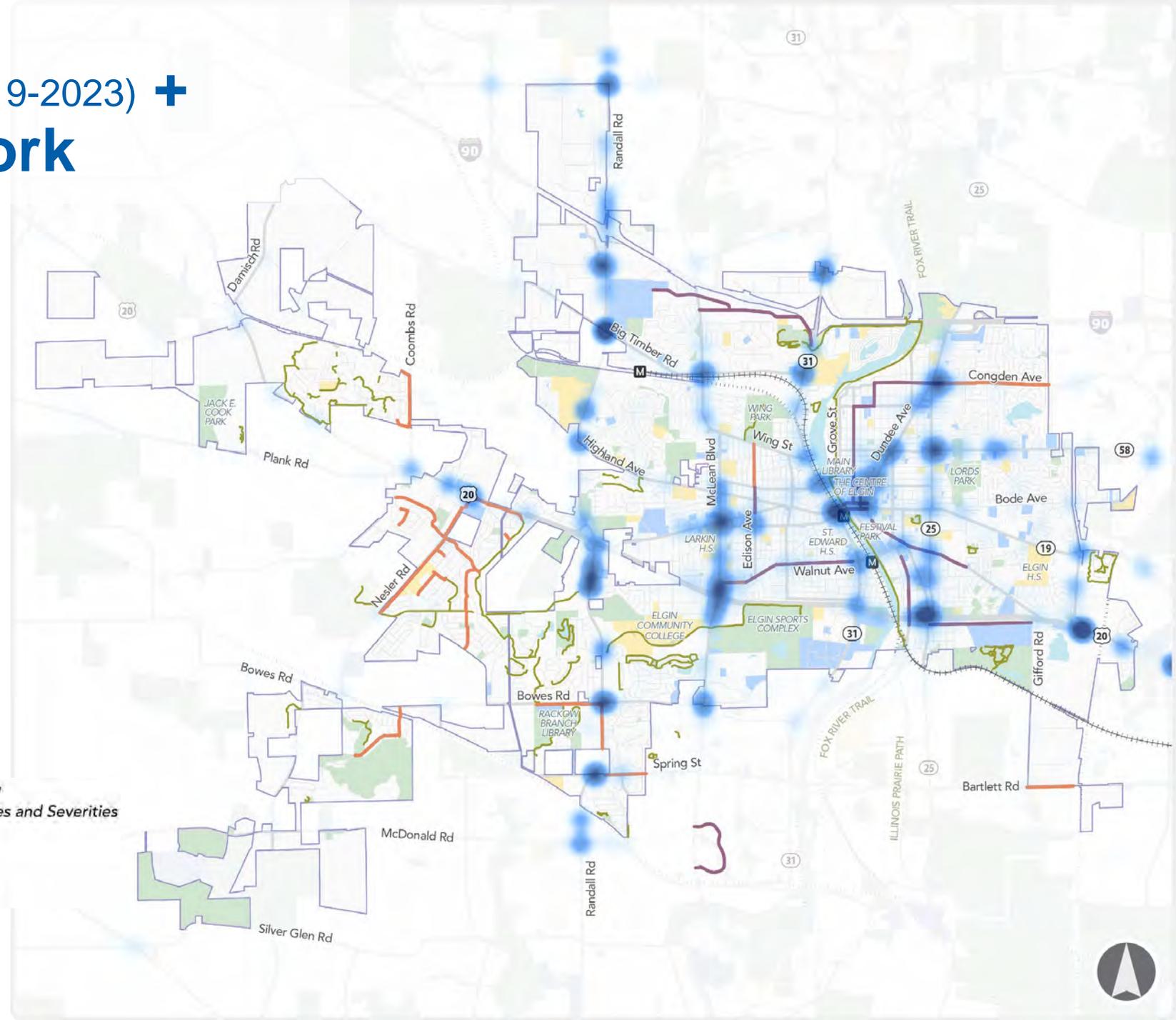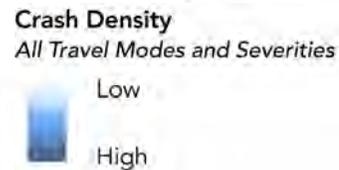
Crash Locations (2019-2023) + Existing Bike Network

- Focus on crashes involving a person walking or biking

- Crash locations throughout the City, though there are cluster areas of injuries and fatalities:
  - › Chicago St and State St
  - › Dundee Ave and Congdon Ave
  - › McLean Blvd and Larkin Ave
  - › McLean Blvd and Big Timber
  - › McLean Blvd and US 20
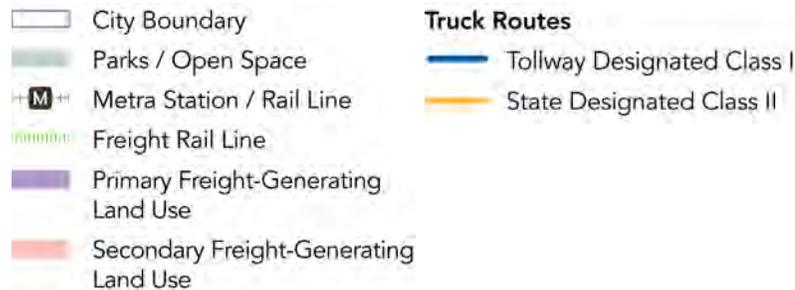
- Safety improvements will be at base of all recommendations

Legend:

- City Boundary
- Parks / Open Space
- Ⓜ Metra Station / Rail Line
- Freight Rail Line
- School
- Community-Oriented Space

Bike Facilities
- On-Street
- Shared-Use Path
- Trail

Crash Locations
Crashes involving a person...
- ○ Walking
- ✳ Walking | Fatality
- ○ Biking
- ✳ Biking | Fatality
- ✳ Driving Only | Fatality

Job Density
by Census Block Group

- Clustered near downtown and along major roadways

- Significant flow of workers into and out of Elgin
  - › 44,000 Elgin residents travel outside for work
  - › 46,000 travel to Elgin for work
  - › 11,000 work and live in Elgin

- Connectivity and access to major employers will be taken into consideration

Legend:
- City Boundary
- Parks / Open Space
- Ⓜ Metra Station / Rail Line
- Freight Rail Line
- Pace Bus Route

# of Jobs per Census Block Group
- 100 to 249
- 250 to 499
- 500 to 999
- More than 1,000

Active Transportation Propensity Index

- Index comprised of:
  - › Generators - areas where people are more likely to bike or walk
  - › Attractors – Roadways that lead to commonly-visited places
- Downtown, and portions of near west and south sides are the highest rated areas
- Overlapping areas between attractors and generators are good candidates for bicycle and pedestrian facilities

Legend:

- City Boundary
- Parks / Open Space
- Ⓜ Metra Station / Rail Line
- Freight Rail Line

Active Transportation Propensity Index

Roadway Network
- Low Propensity
- High Propensity

Areas (by Census Block Group)
- Low Propensity
- High Propensity