

bikeNEO WEB APPLICATION UPDATE

**Bicycle & Pedestrian Advisory Council
February 20, 2026**

ACTION REQUESTED

No action is requested. This item is for presentation and information only.

PREVIOUS ACTION

There is no previous action

BACKGROUND

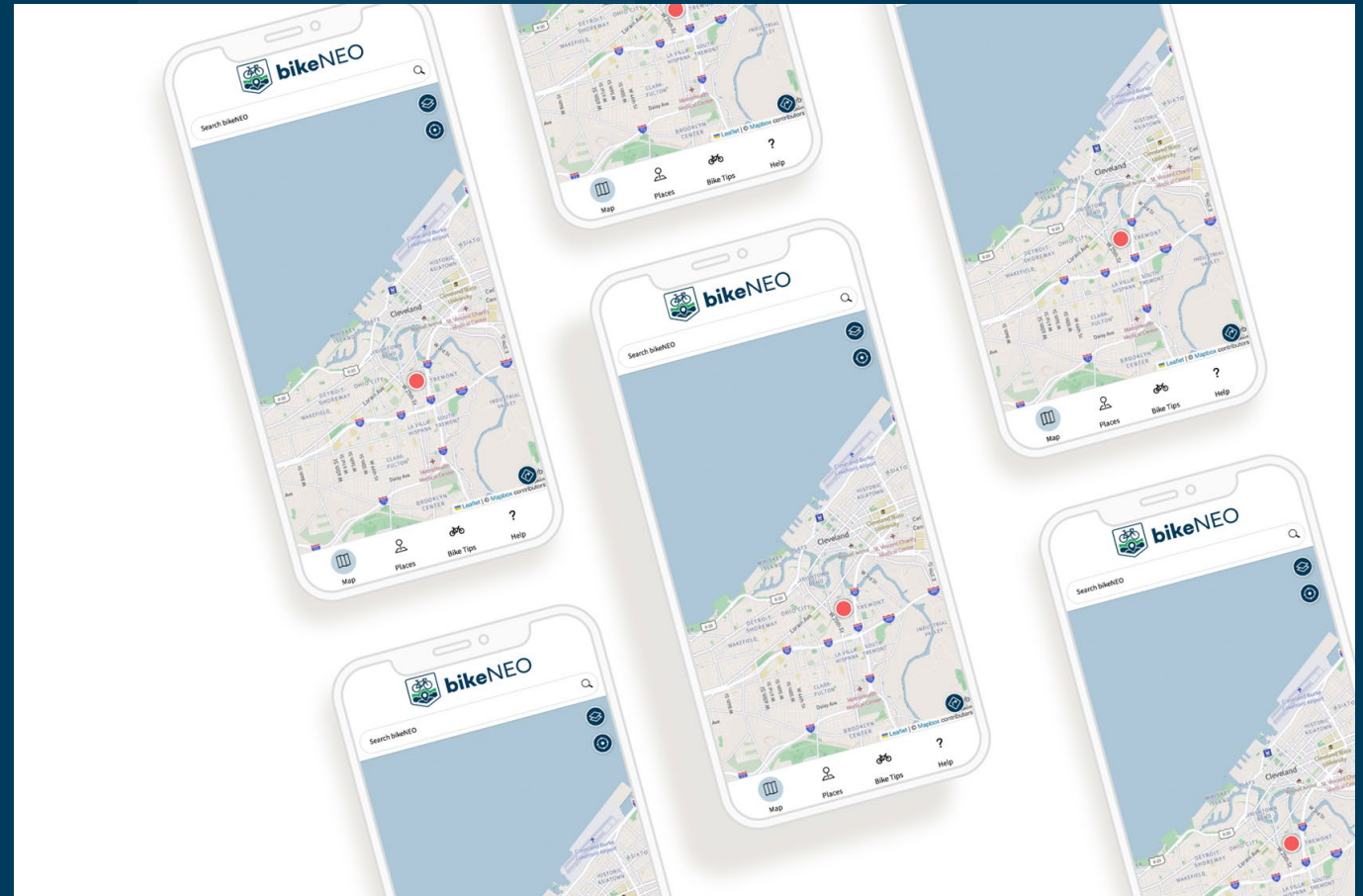
- In December 2024, NOACA contracted with TierraPlan to develop an interactive application that will enable users to conduct bike trip planning on a desktop computer or mobile device.

The background features a repeating pattern of light gray icons representing various modes of transportation: a bicycle, a car with two passengers, a bus, and a pedestrian. These icons are scattered across the white background, with some appearing larger and more prominent than others. A dark blue horizontal band is positioned across the middle of the image, containing the main title.

PROJECT UPDATE

BACKGROUND

- **Current interface includes:**
 - Interactive bike network map
 - Map searching
 - Map layers
 - Bike tips from NOACA's paper maps
- Supports route assignment from origin to destination by preferred NOACA LTS. Origin and destination can be door-to-door OR neighborhood-to-neighborhood



BACKGROUND

Door-to-Door

- Routes the user from the current or selected **address** to desired destination
- User can enter a name, address, or use current location

Neighborhood-to-Neighborhood

- Routes the user from the current or selected **neighborhood** to the neighborhood that contains the desired destination
 - Neighborhoods are Transportation Analysis Zones (TAZ)
- Routing begins and ends at the centroid of the two selected neighborhoods, regardless of where the user intends to go within the neighborhood
- Maximum trip distance of 5 miles (about 30 min. ride)

NEIGHBORHOOD ROUTING

bikeNEO Search bikeNEO

Create a Bike Route

Neighborhood Route Door-to-Door Route

1299 Superior Ave TAZ: 52

1977 W 25th St TAZ: 1649

Select Your Preferred LTS:

- Children & Beginners
- Most Adults
- Confident Cyclists
- Experts Only

Map Places Bike Tips Help

Map of Cleveland and Ohio City showing a route through the Warehouse District, Tower City, Gateway District, and Industrial Valley-North. The route is color-coded by LTS (Level of Traffic Stress) and includes a legend for 'Select Your Preferred LTS'.

Map labels: CLEVELAND, OFFICE CORP, PLAYHOUSE SQUARE, CLEVELAND STATE, LAKESIDE INDUSTRIAL, WAREHOUSE DISTRICT, TOWER CITY, GATEWAY DISTRICT, INDUSTRIAL VALLEY-NORTH, WEST BANK, OHIO CITY, TRI-C, CENTRAL.

Map features: Wendy Park, Cleveland State University, St. Vincent Charity Medical Center, Cuyahoga Community College, Carnegie Ave, Central Ave, Quincy Ave, Woodland Ave, Crayto.

Map controls: Search, Home, Location, Zoom In (+), Zoom Out (-), Full Screen.

Map data: © 2023 NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS. Powered by Esri.

DOOR-TO-DOOR ROUTING



bikeNEO

Search bikeNEO



Map



Places



Bike Tips



Help

Create a Bike Route

Neighborhood Route

Door-to-Door Route

1299 Superior Ave



1979 W 25th St

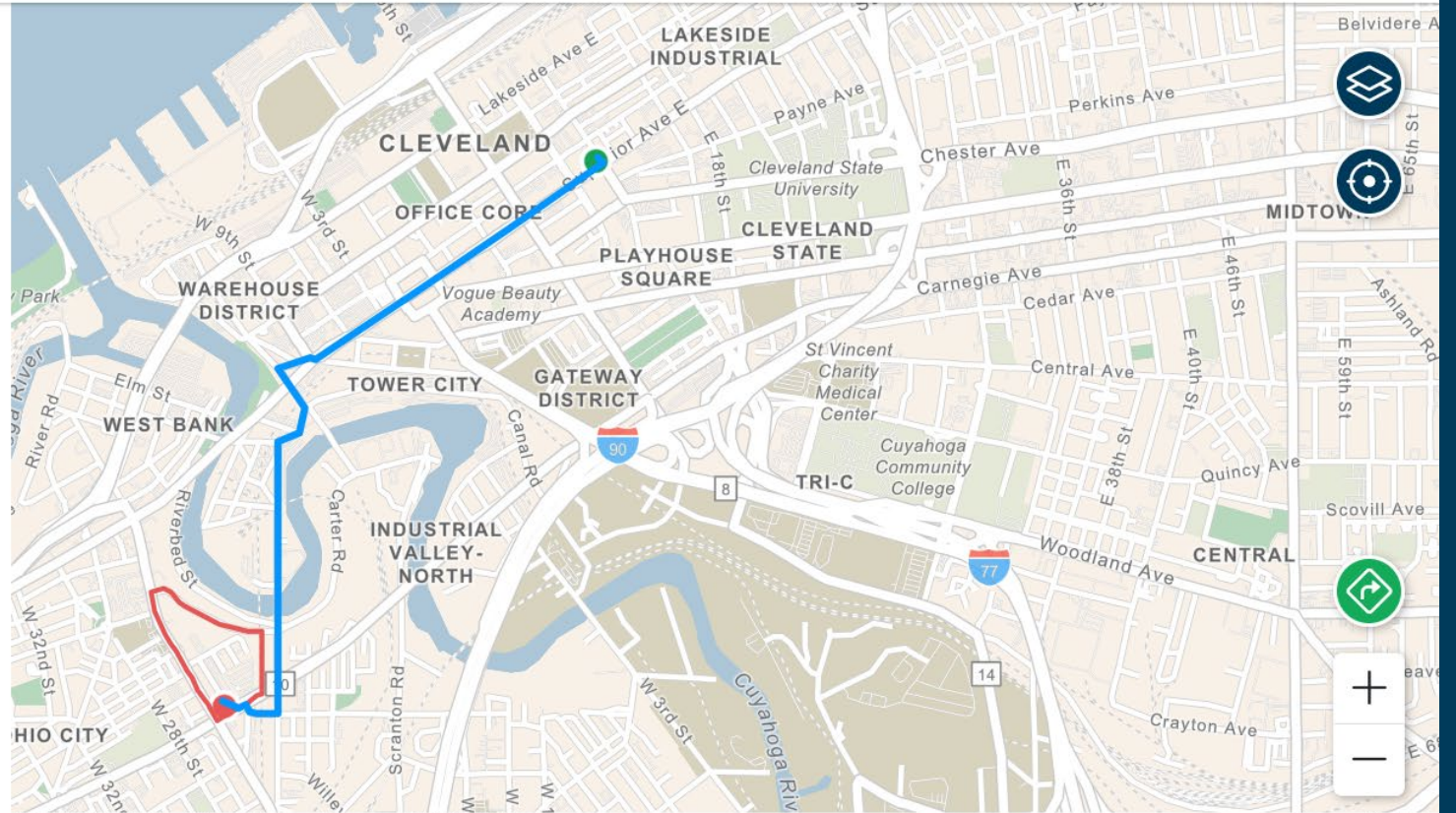


Select Your Preferred LTS:

- Children & Beginners
- Most Adults
- Confident Cyclists
- Experts Only

Get Route

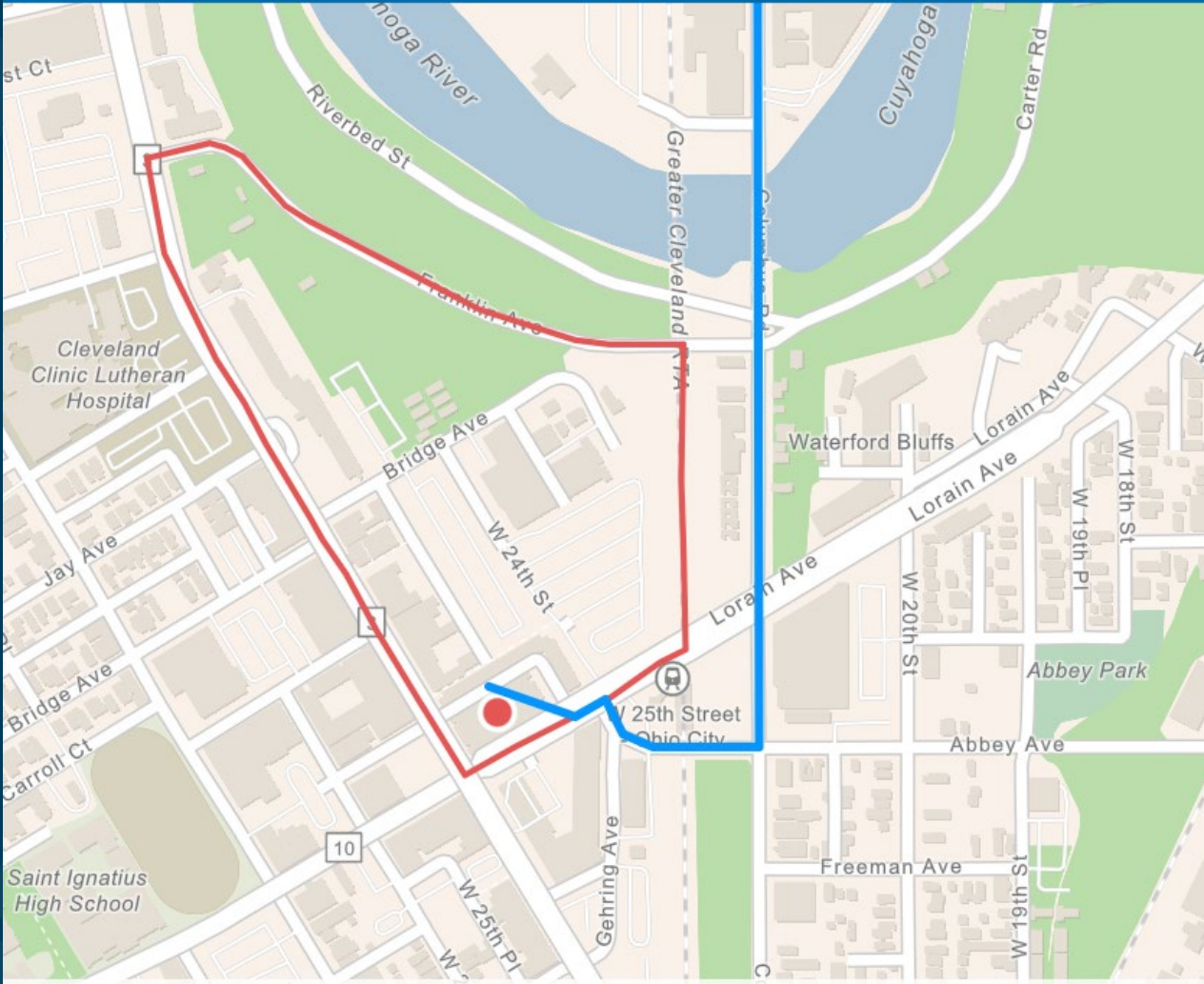
Clear



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DOOR-TO-DOOR ROUTING



DOOR-TO-DOOR ROUTING

Bicycle Directions

2.07 miles



Use caution. Bicycle directions may not reflect real-world conditions.

Steps



Your starting location



Go on East 13th Street toward Superior Avenue East

0.46 miles

ACCESS TO TRANSIT

- Provides users with the least stressful route to a transit stop or station
 - First and last mile
- Map layers contain transit stations and transit lines for route/trip planning purposes



FEEDBACK SURVEY

- Regarding routing methods and other content you'd like to see included on the map, please take a minute to fill out this two question survey
- Please keep in mind that even once this application is released, updates and refinement will continue based on council feedback and NOACA data
- experience.arcgis.com/experience/67d282191fea4f52bf0959b6870e03b2?draft=true



FINANCIAL IMPACTS

- The project budget is \$118,830.

NEXT STEPS

- The project team will provide project updates as app development nears completion
- Feedback from the survey will be used to refine and strengthen the application
- Scheduled to be ready for public use and feedback by late spring 2026



NOACA

Northeast Ohio Areawide Coordinating Agency

NOACA will **strengthen** regional cohesion, **preserve** existing infrastructure, and **build** a sustainable multimodal transportation system to **support** economic development and **enhance** quality of life in Northeast Ohio.