

# **bikeNEO WEB APPLICATION UPDATE**

**Safety and Operations 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

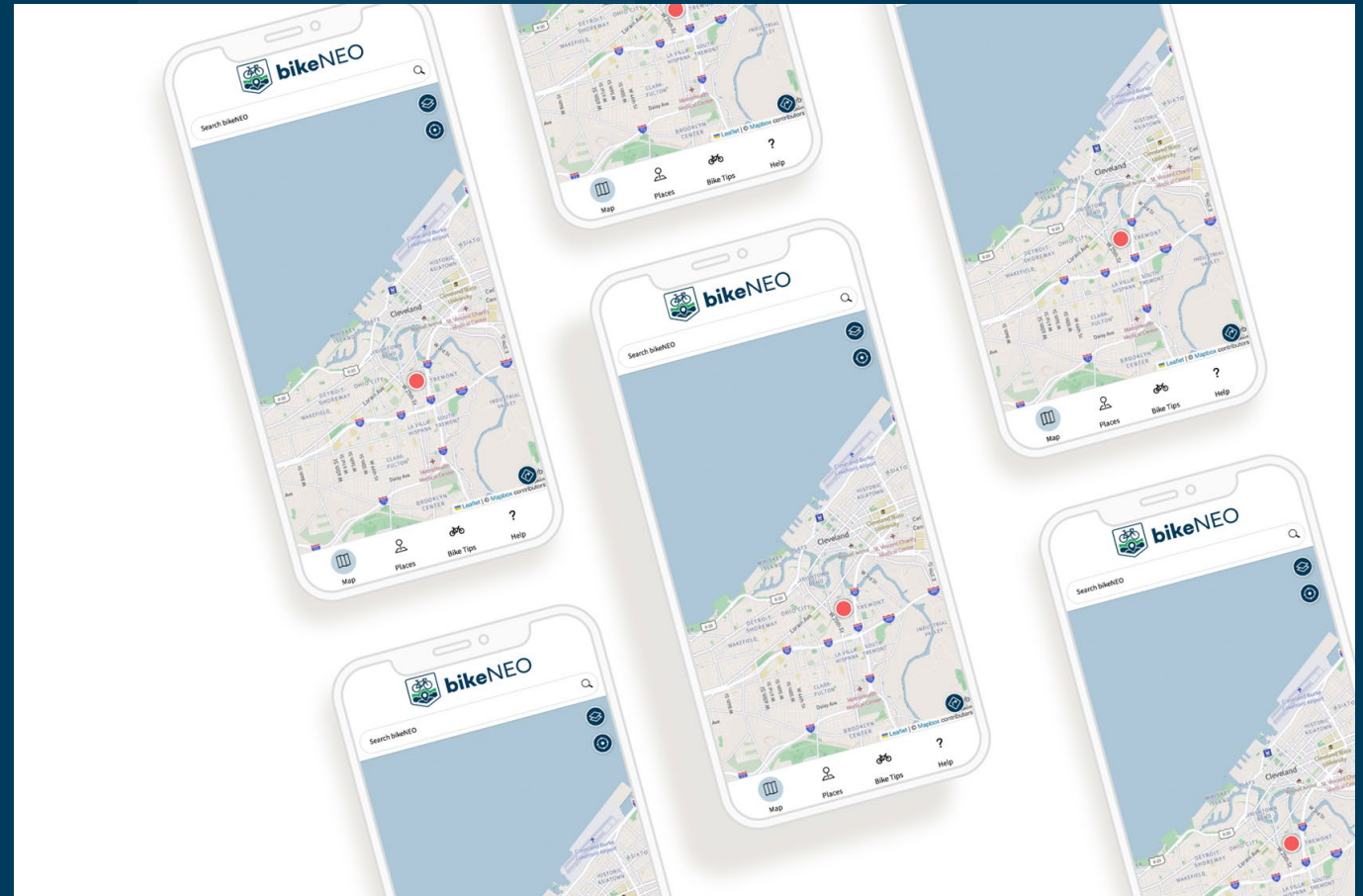
- In December 2024, NOACA contracted with TierraPlan to develop an interactive application that will enable users to conduct bike trip planning on a desktop computer or mobile device.

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. A large, semi-transparent globe is centered in the background, partially obscured by the icons. The central text is set against a dark blue horizontal band.

# 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)



# LET'S CHECK IT OUT:

[Current Web Application](#)

# SAFETY IS KEY

- Provides users with a route tailored to their comfort level
- If people feel safer and more informed while riding, it's likely they ride more often
- bikeNEO contains safety tips like a breakdown of NOACA LTS, differences in bike facilities, bike laws and parking, and hand signals



# 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
- <https://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.