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City of Madison

BUCKEYE ROAD PROJECT

(Monona Drive to Stoughton Road)

May 31, 2017



Overview

- Project Location & Limits
- Need for Project
- Anticipated Schedule
- Overview of Design & Revisions Since Last Meeting
- Right of Way Needs and Acquisition Schedule
- Anticipated Costs
- Project Website



Project Location and Limits



Need for Project

- Why Improve Buckeye Road?
 - Incomplete Sidewalk
 - No Bicycle Accommodations
 - Poor Pavement Condition
 - Underground Utilities



Need for Project

- Poor Pavement Condition
 - Last resurfaced in 1977
 - Street rated a 4 out of 10



Need for Project

- Underground Utilities
 - 16-inch Water Main, 1950
 - 8-inch Sanitary Sewer, 1952
 - No Storm Sewer



Tentative Schedule:

- 30 Percent Design – Summer 2015 to Spring 2016
- Public Meeting No. 1 – April 25, 2016
- Complete Preliminary Design - Spring 2017
- ***Public Meeting No. 2 May 31, 2017***
- *Right of Way Acquisition – Summer 2017 to Summer 2018*
- Complete Final Design - Summer 2017 to Summer 2018
- Public Meeting Prior to Construction - Spring 2019
- Start Construction - April 2019
- Complete Construction Prior to Labor Day



Project Scope:

- New Pavement
- Curb and Gutter
- Sidewalk & Curb Ramps
- Storm Sewer
- Lighting
- Sanitary Sewer
- Water Main
- Pavement Marking
- Signing
- Retaining Walls

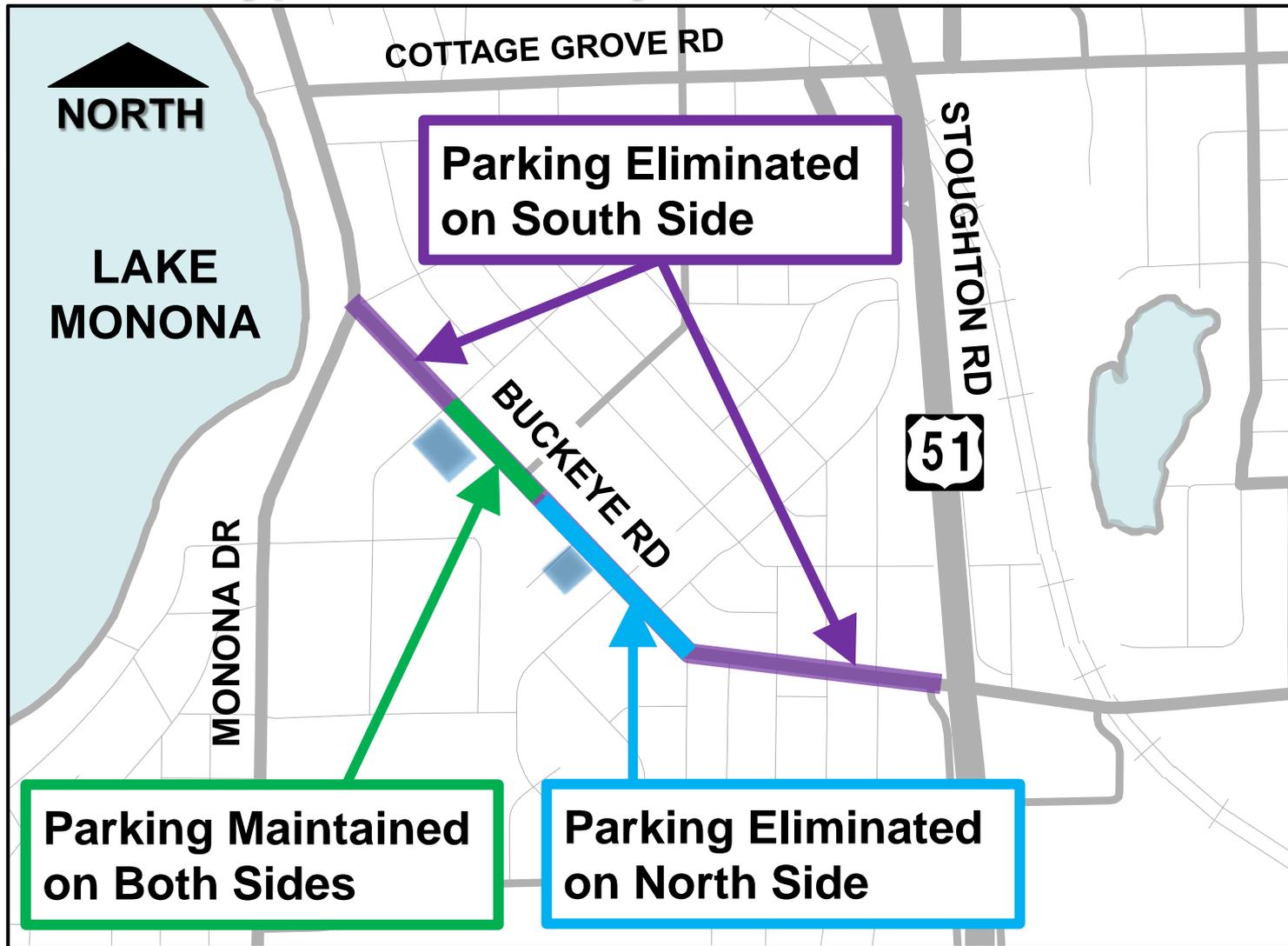


Overview of Preliminary Design

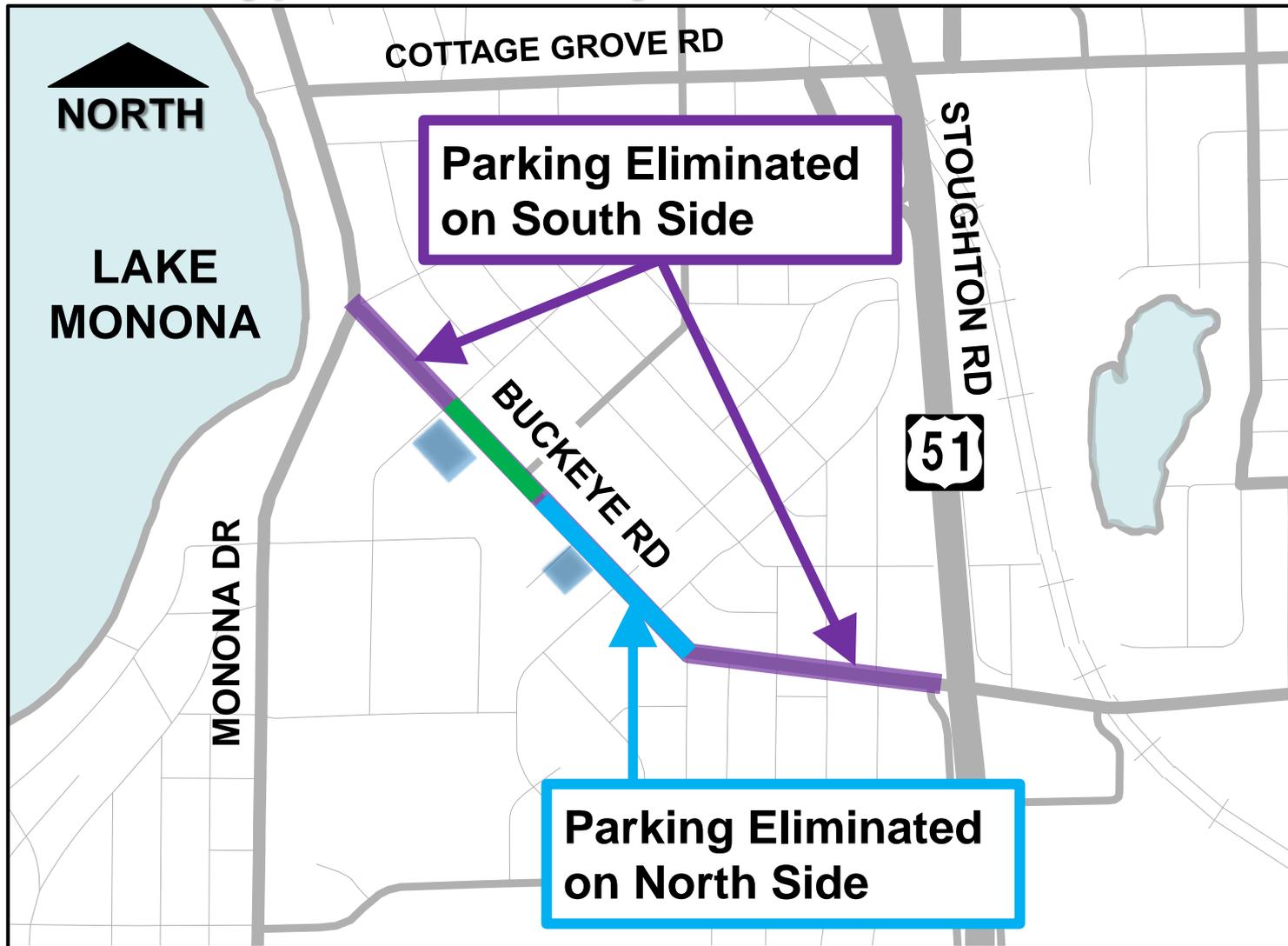
- Typical Cross Sections
- Sidewalk Improvements
- Retaining Walls
- Crossing Improvements
- Traffic Calming
- Construction Staging
- Lighting



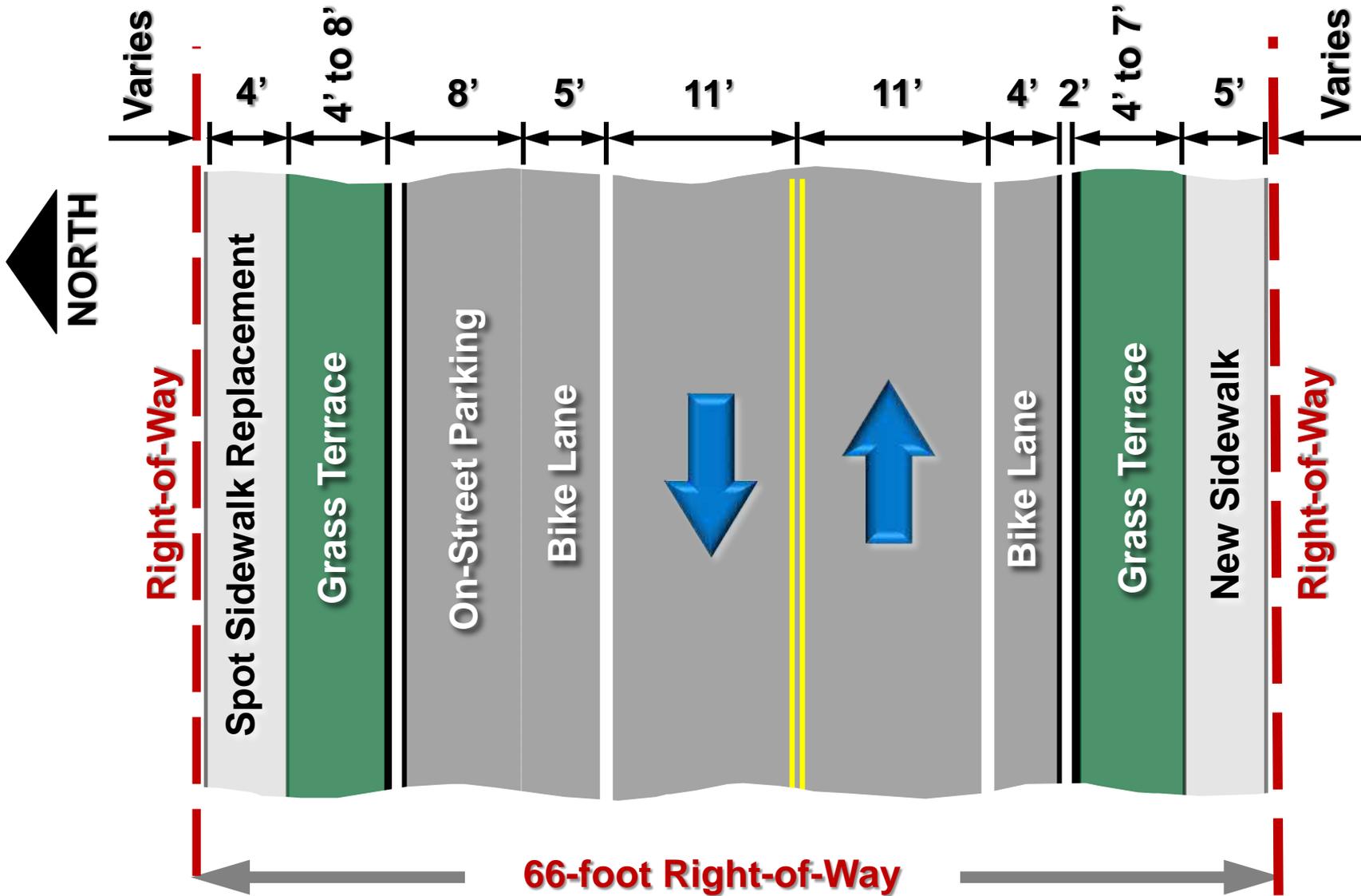
Typical Roadway Cross Sections



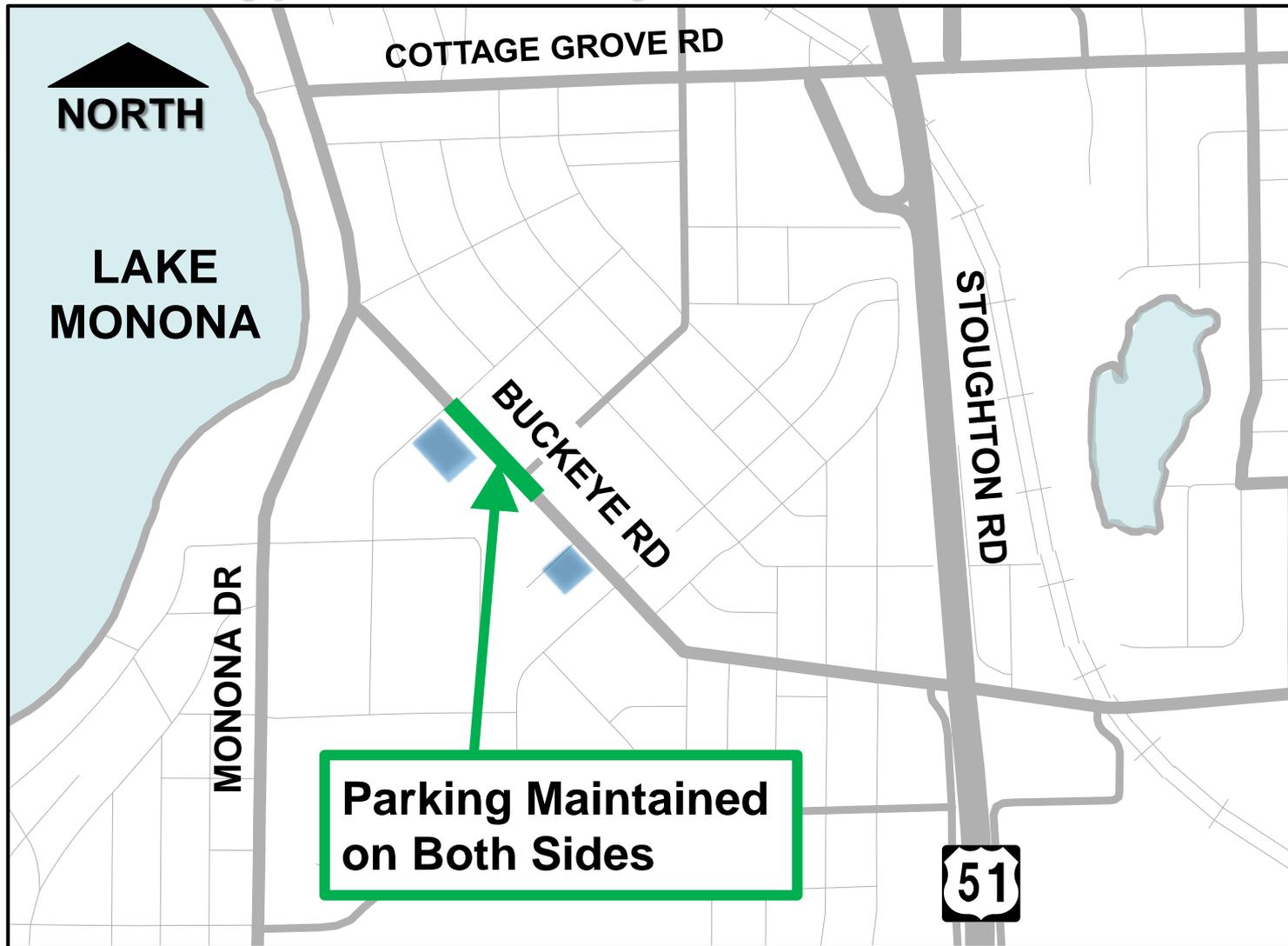
Typical Roadway Cross Sections



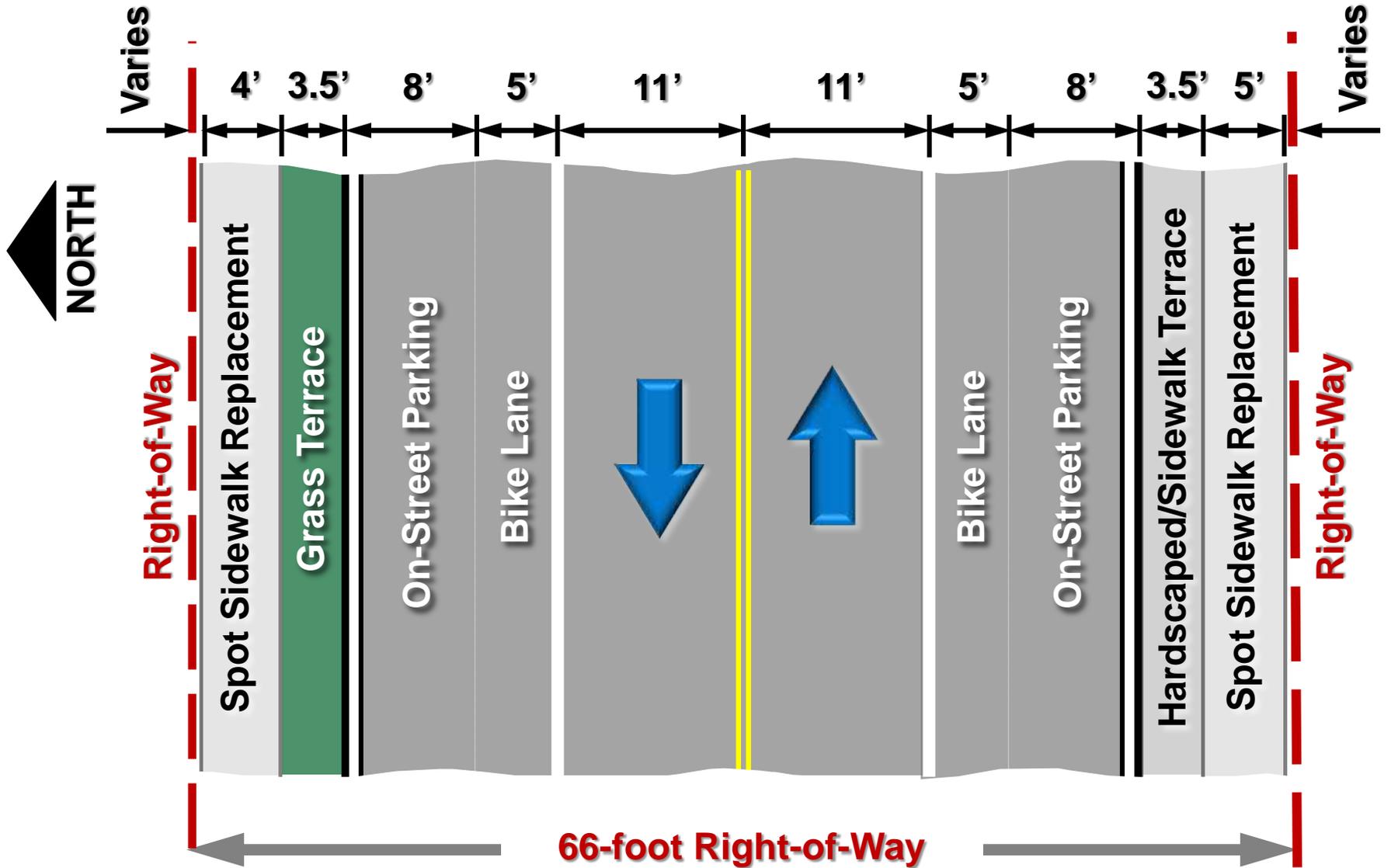
Typical Roadway Cross Section -Parking Eliminated on One Side-



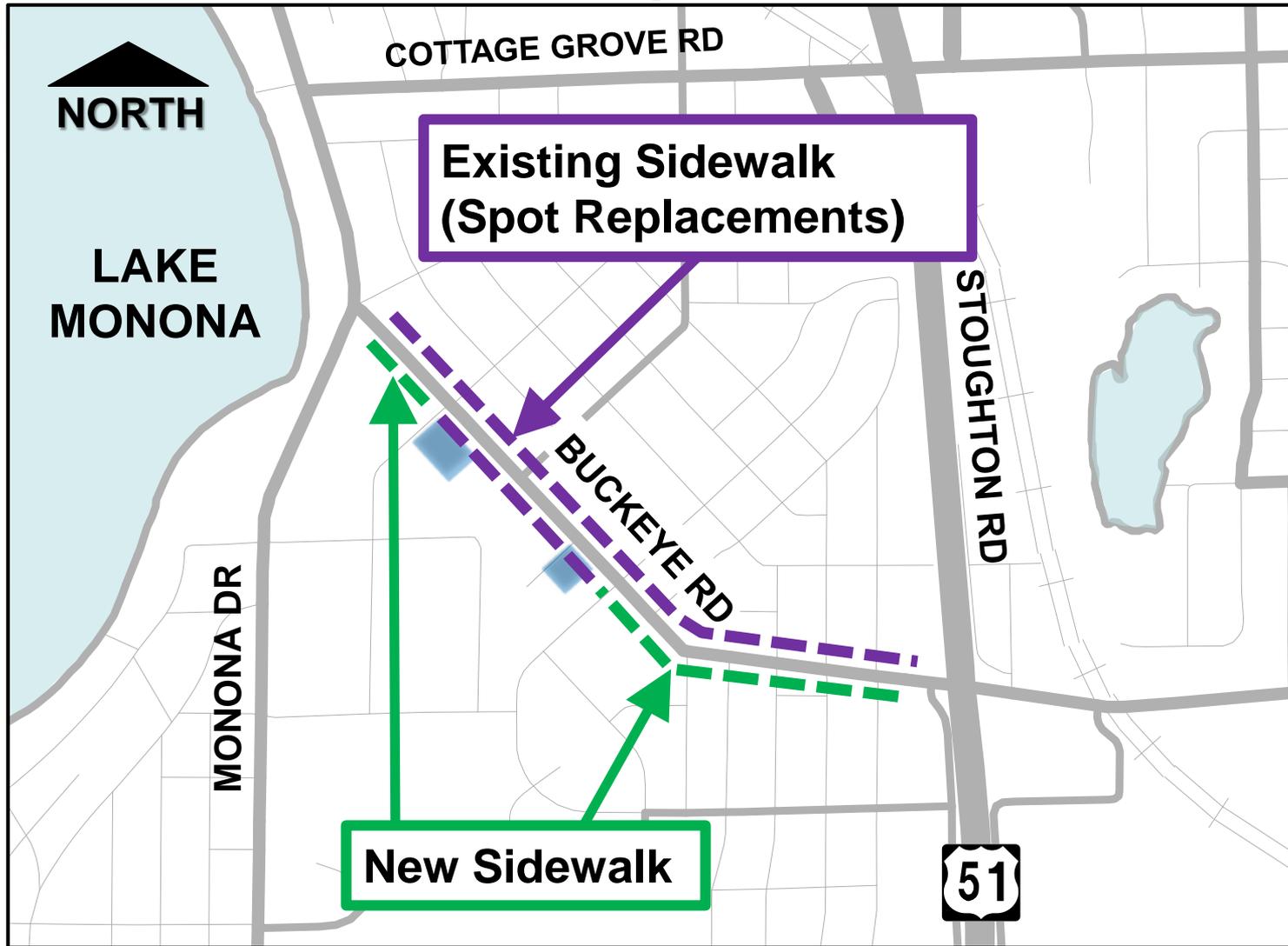
Typical Roadway Cross Sections



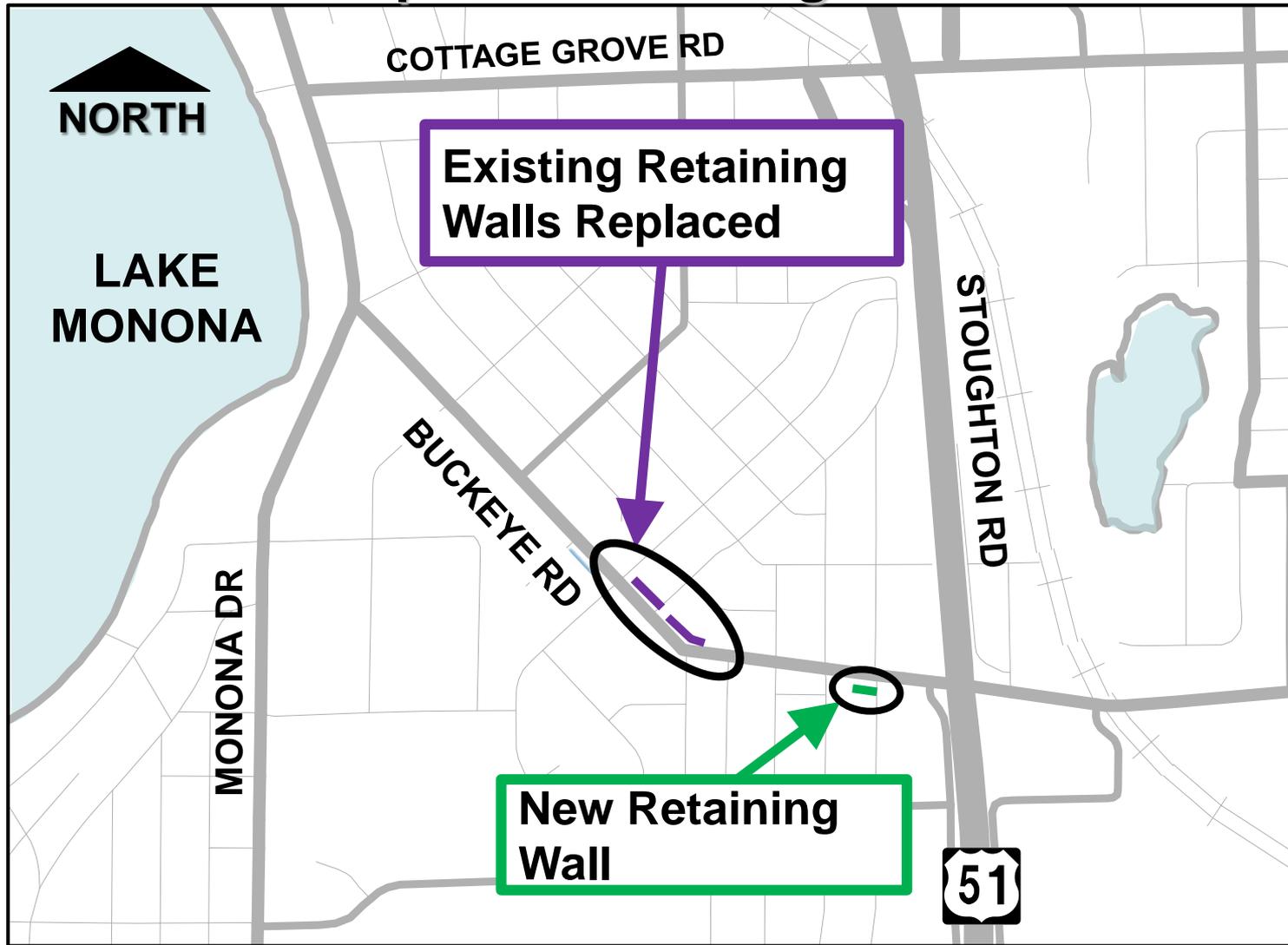
Typical Roadway Cross Section -Parking Maintained on Both Sides-



Sidewalk Improvements



Proposed Retaining Walls



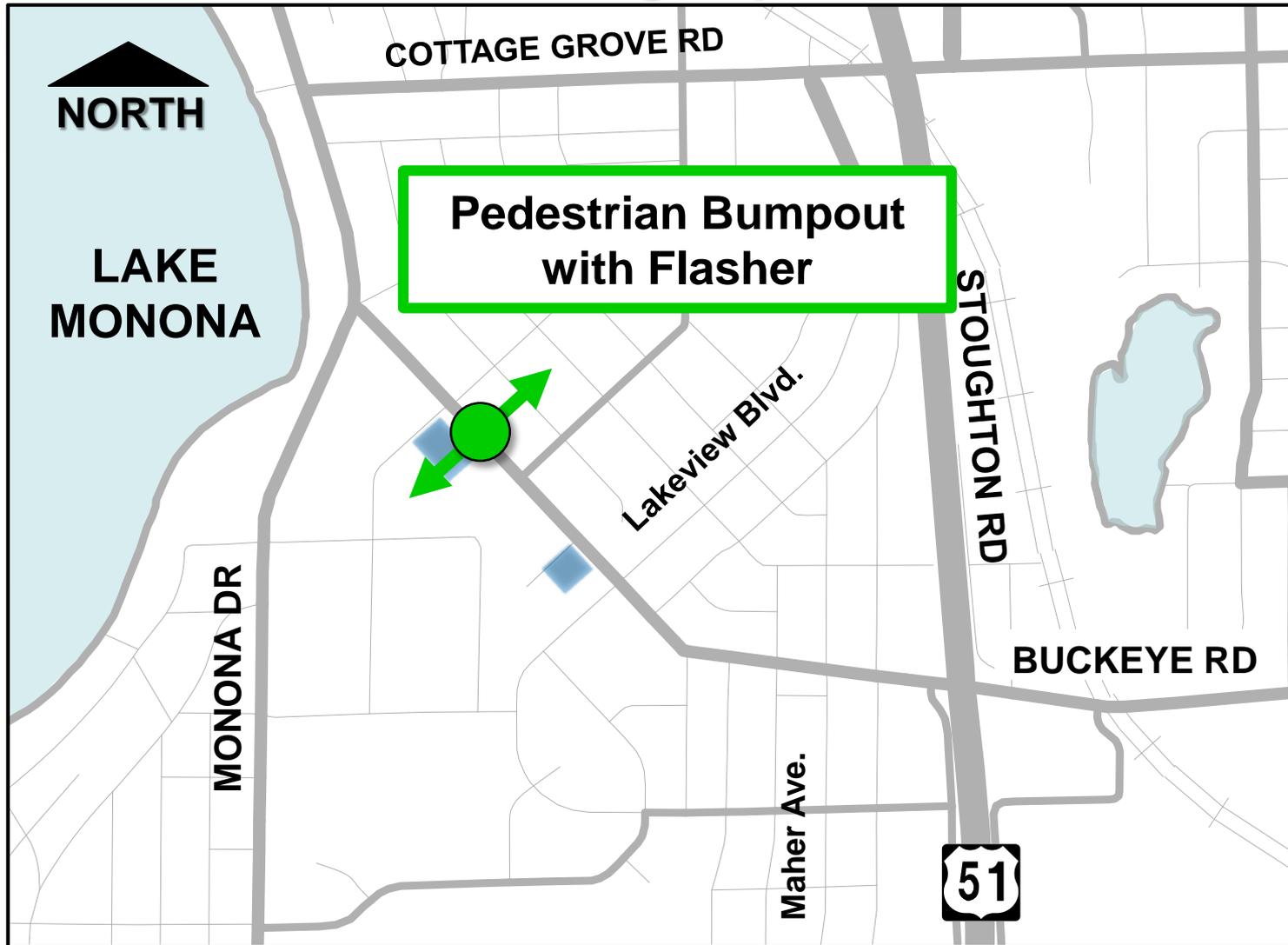
Existing Retaining Walls



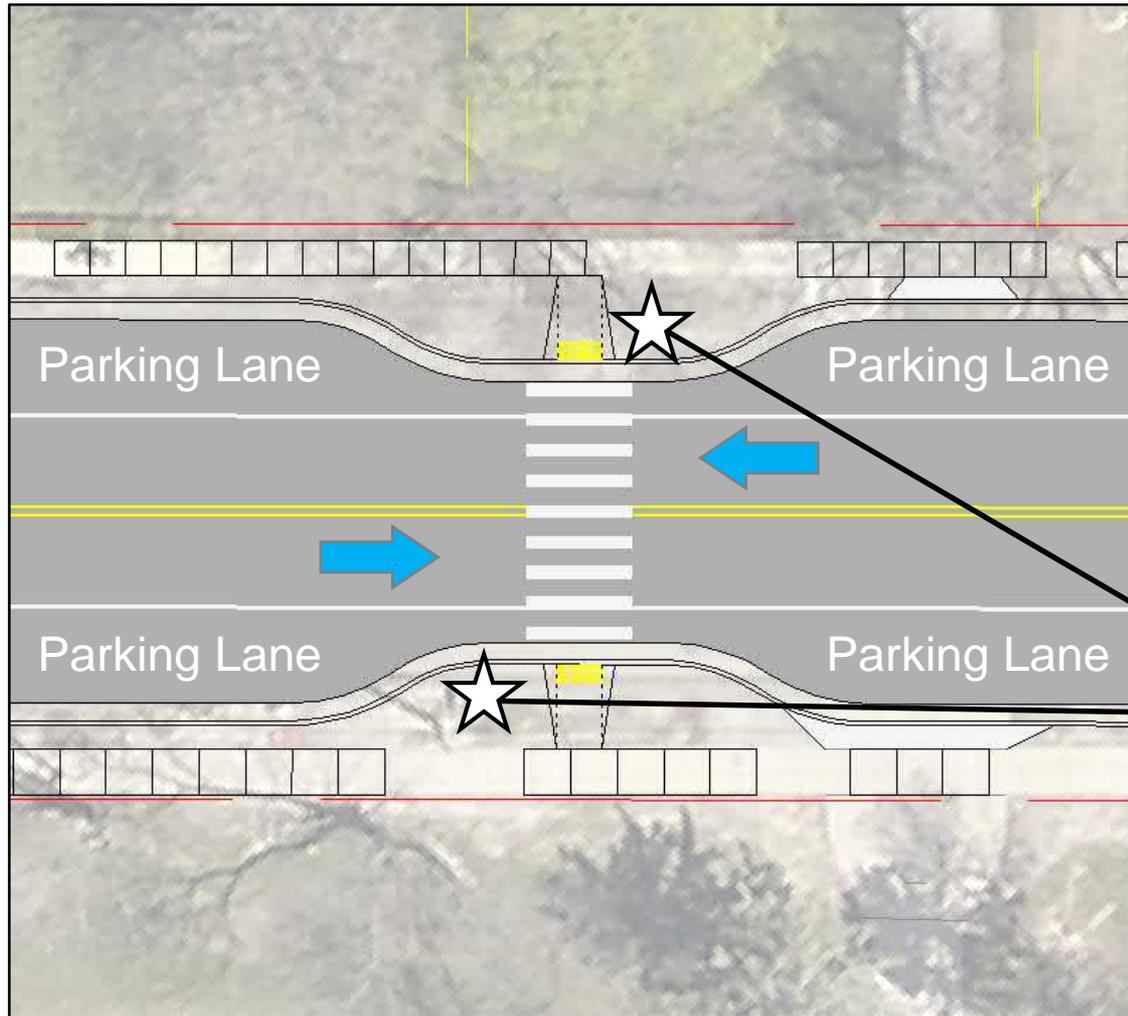
Proposed Retaining Wall Type/Look



School Crossing Improvements



School Crossing Improvements



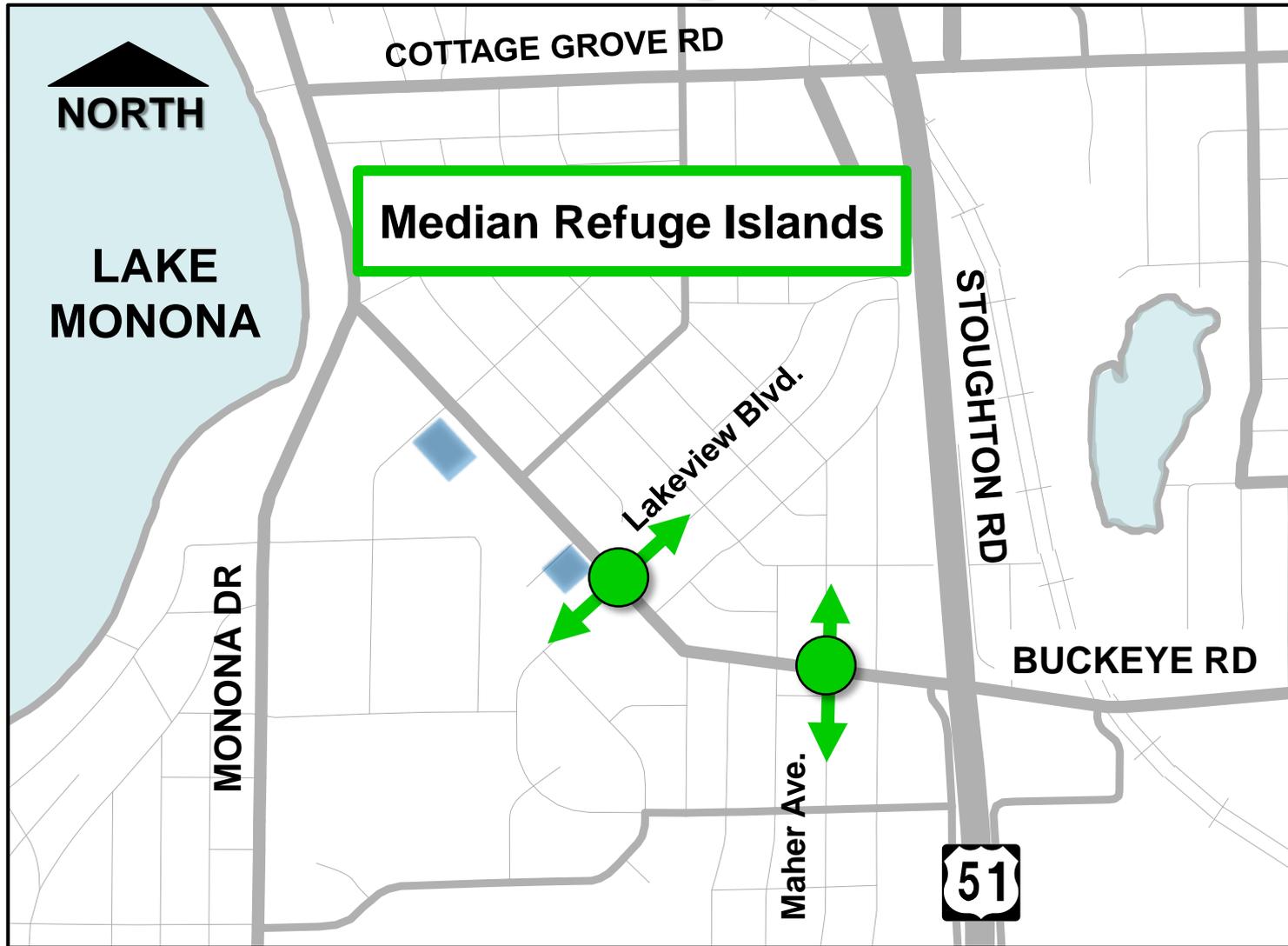
Rectangular Rapid
Fire Beacon



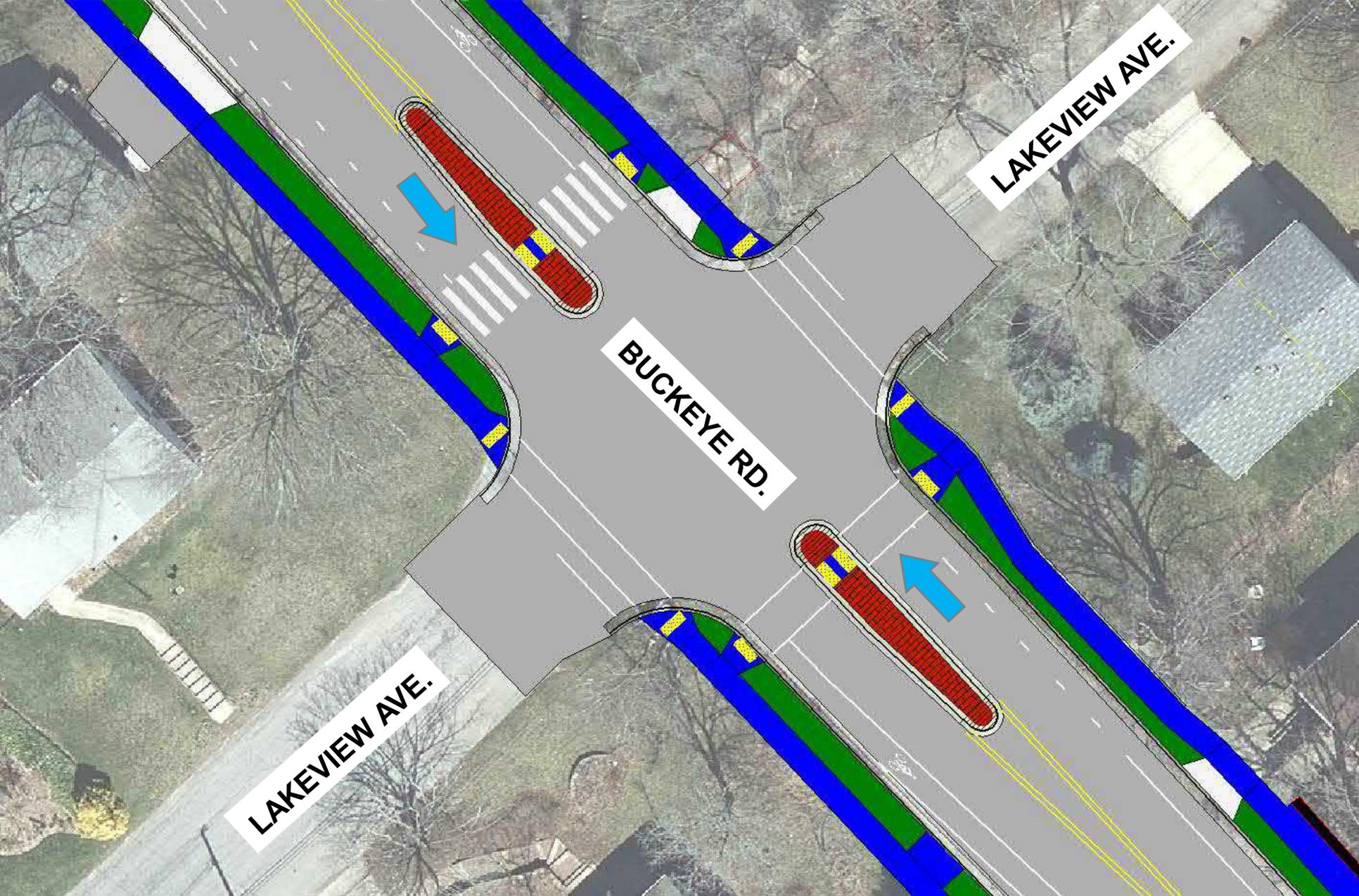
Source: <http://carmanah.com>



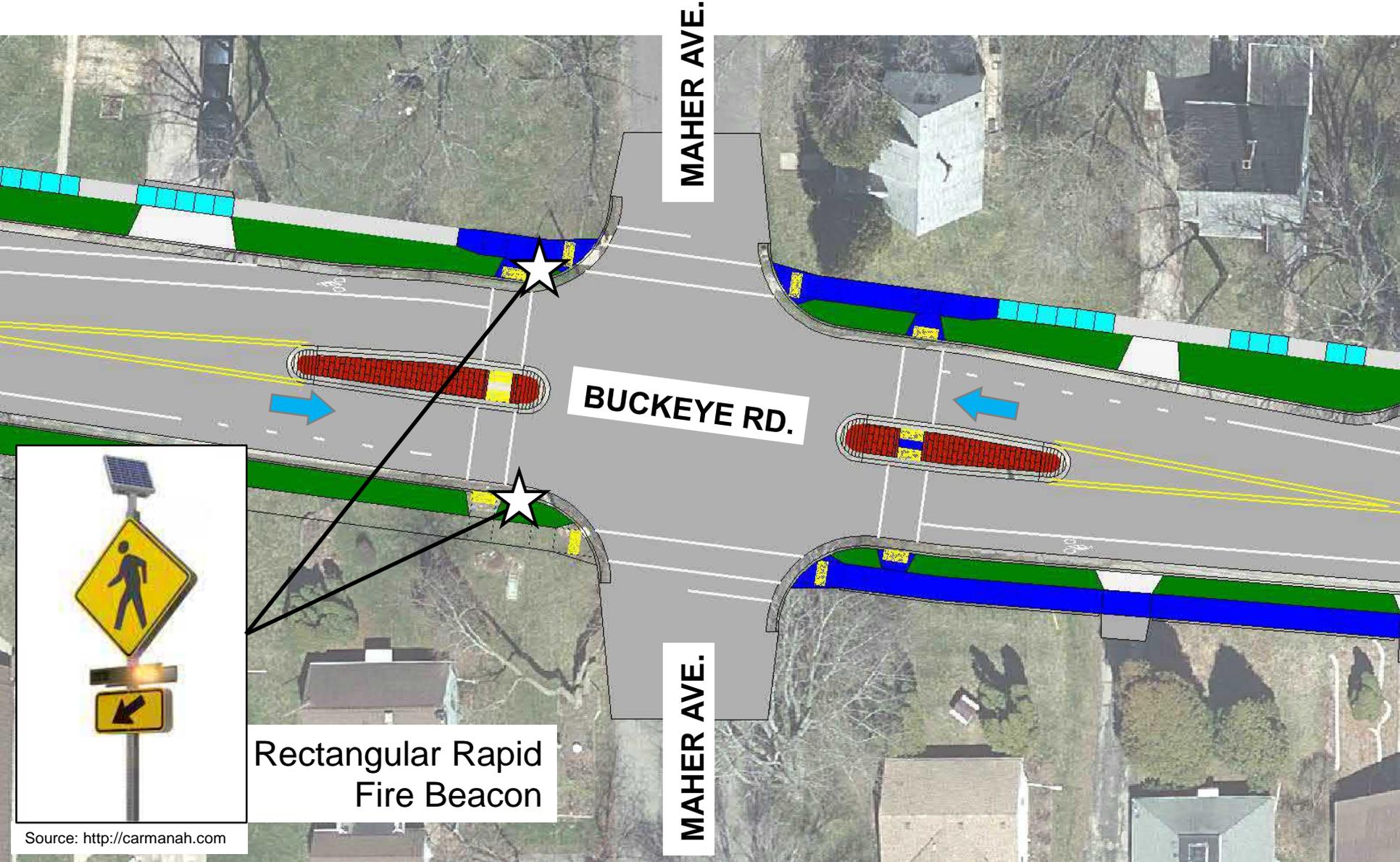
Bike Route Crossing Improvements



Crossing Improvements at E. Lakeview Ave.



Crossing Improvements at Maher Ave.



MAHER AVE.

BUCKEYE RD.

MAHER AVE.



Rectangular Rapid Fire Beacon

Source: <http://carmanah.com>

Traffic Calming Features

- The following design components may help to reduce travel speeds along Buckeye Road:
 - Installation of curb and gutter
 - Median islands at Lakeview Ave. and Maher Ave.
 - Curb bump outs at intersections
 - Reduction of overall width for motor vehicle traffic

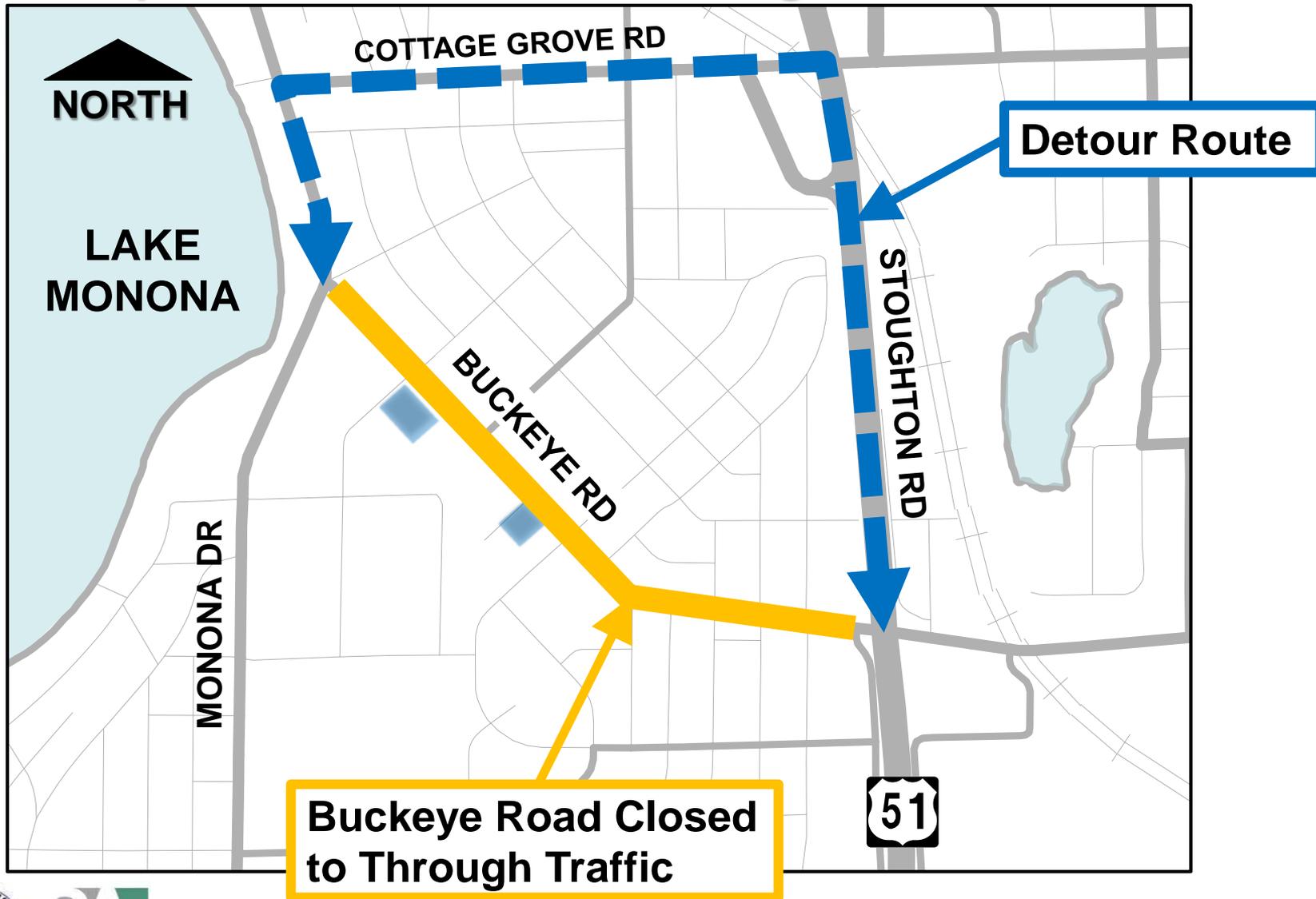


Staging of Traffic During Construction

- Closed to through traffic.
 - Preferred by majority of those attending first public meeting.
 - Advantages:
 - Less expensive
 - Shorter construction duration
 - Disadvantages:
 - Less convenient access during construction
 - Temporary relocation of Madison Metro bus routes
 - Potential diversion of traffic onto neighborhood streets



Proposed Detour Route During Construction



Lighting

- Project will use standard lighting poles/fixtures.



Anticipated Costs

- Preliminary Roadway Cost of about \$3.0 Million.
 - Roadway partially funded with Federal funds.
 - Property owners will be assessed for the local share in accordance with City policy.
- Preliminary Sanitary and Water Cost of about \$2.7 Million.
 - No Federal funds.
- Total Construction Cost for Project is about \$5.7 Million.



Standard Assessment Policy for Projects with Federal Funding

- Assessment policy applies to all projects.
- Existing concrete curb & gutter, existing sidewalk & driveway aprons: Federal 50%, Owners 25%, City and County 25%
- New curb & gutter (where none currently exists) – Property Owner pays 50% plus 4 feet of pavement.
- Retaining Walls - Federal 50%, Owners 25%, City and County 25%
- Water, storm sewer and sanitary sewer main paid for by City, except:
 - Private storm connection 50% assessable
 - Sanitary lateral 75% City / 25% Property Owner
- Street lighting 50% Federal and 50% Property Owner.



Additional Information/Stay Up-to-Date

- Project Website
 - Project Contact Info.
 - PDF of this Presentation
 - PDF of Preliminary Plans
 - Sign-Up for Project Updates

The screenshot shows the City of Madison Engineering website. The header includes the City of Madison logo, navigation links (Accounts, Services, Jobs, Agencies, Data, Contact), and a search bar. The main navigation bar lists: Home, Bike, Road Construction, City Facilities, Sewer/Storm, and Resources. The breadcrumb trail reads: City of Madison > Engineering > Projects > Buckeye Rd. The page title is "Buckeye Rd". A Google Map shows the project location on Buckeye Rd. To the right of the map, the "Project Details" section lists: Project Type: Road Construction; Location: 4800 Buckeye Rd, Madison, WI; Area: East; Estimated Schedule: 04/01/2018 to 10/31/2018; Project Status: In Design. Below this is the "Project Contact" section for Chris Petykowski, with phone number (608) 267-8678 and email cpetykowski@cityofmadison.com. There is an "Active Project List" dropdown menu and a "Subscribe to Email List" section with an email input field and a "Subscribe" button.

<http://www.cityofmadison.com/engineering/projects/buckeye-rd>

Questions





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