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City of Madison

BUCKEYE ROAD PROJECT

(Monona Drive to Stoughton Road)

April 25, 2016



Overview

- Project Location & Limits
- Need for Project
- Tentative Schedule
- Overview of Preliminary Design
- Impacts to Park Spaces
- 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 - Summer 2016
- Public Meeting No.2 Fall 2016
- Complete Final Design - Fall 2016 to Summer 2017
- Public Meeting No.3 (if needed) - Summer 2017
- Public Meeting Prior to Construction - Spring 2018
- Start Construction - April 2018
- 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

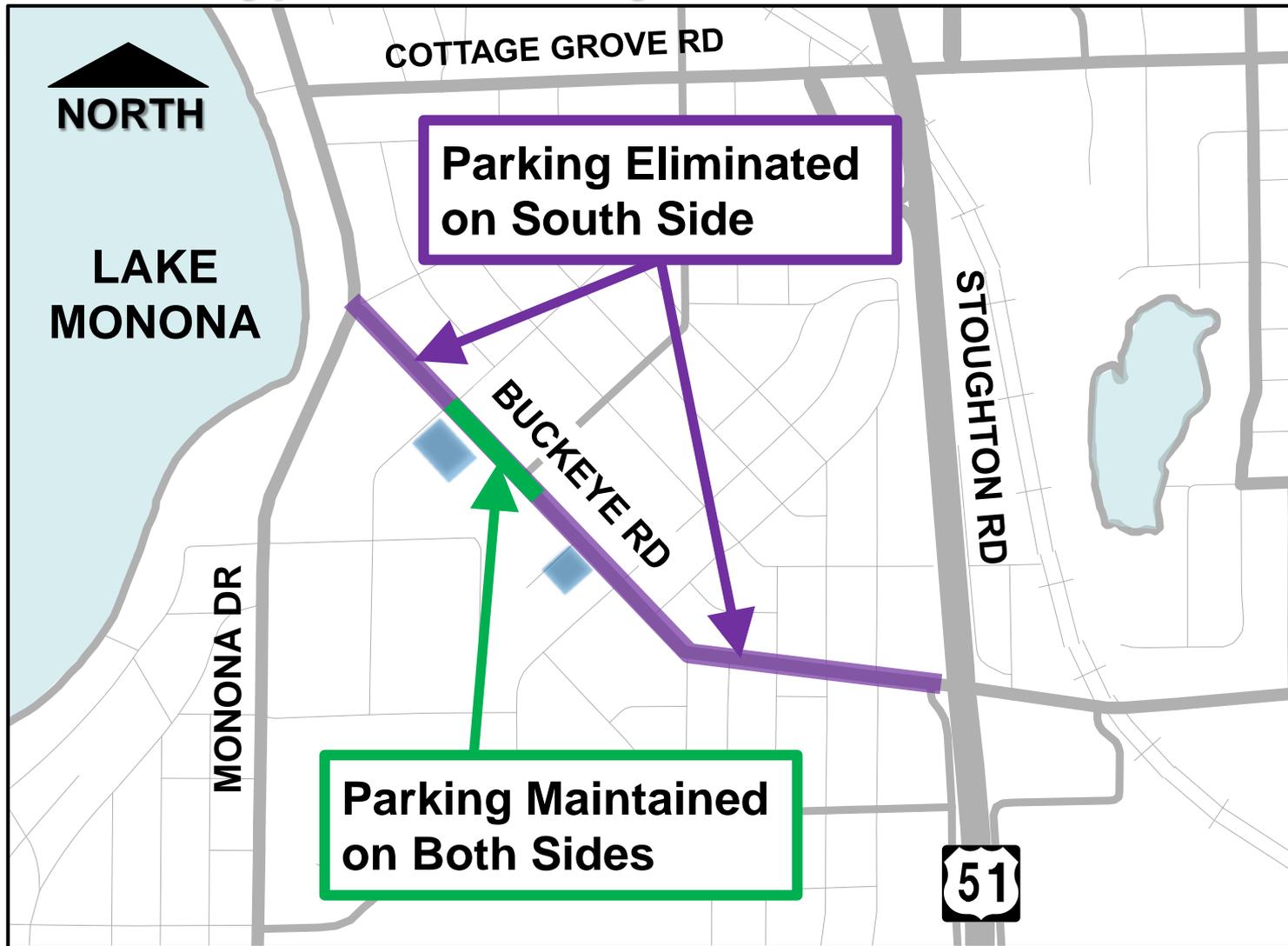


Overview of Preliminary Design

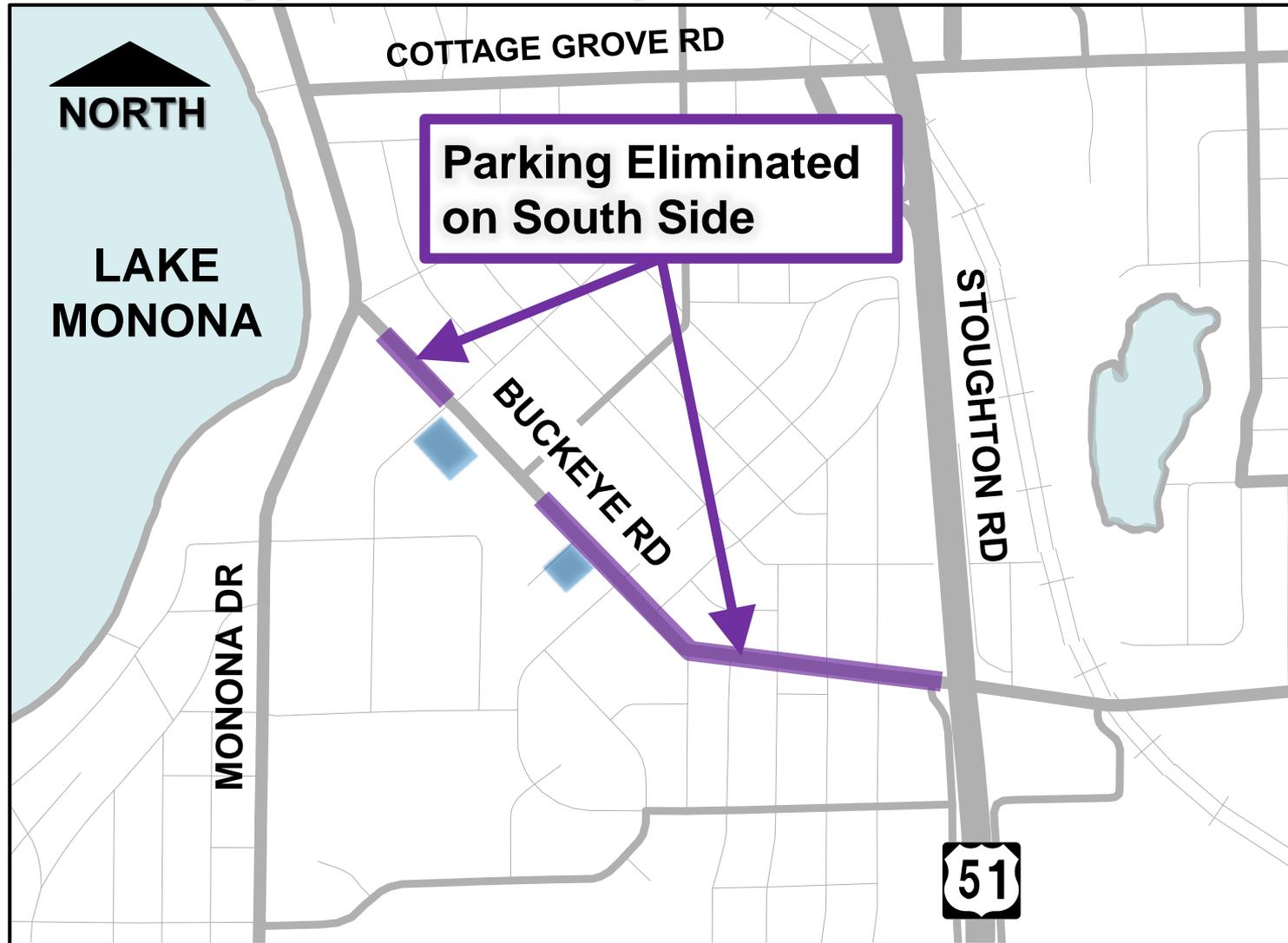
- Typical Cross Sections
- Sidewalk Improvements
- Crossing Improvements
- Traffic Calming
- Construction Staging
- Lighting



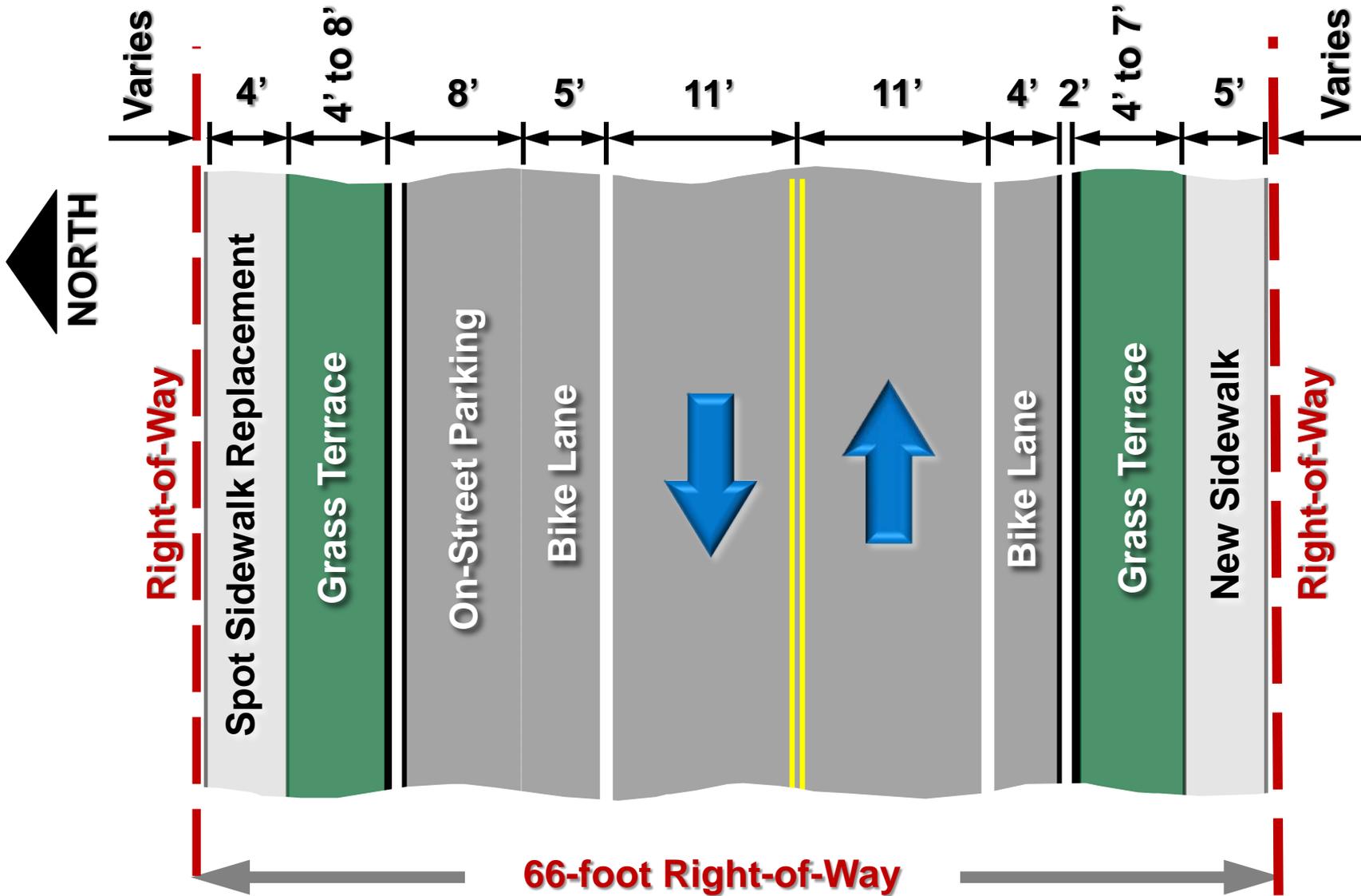
Typical Roadway Cross Sections



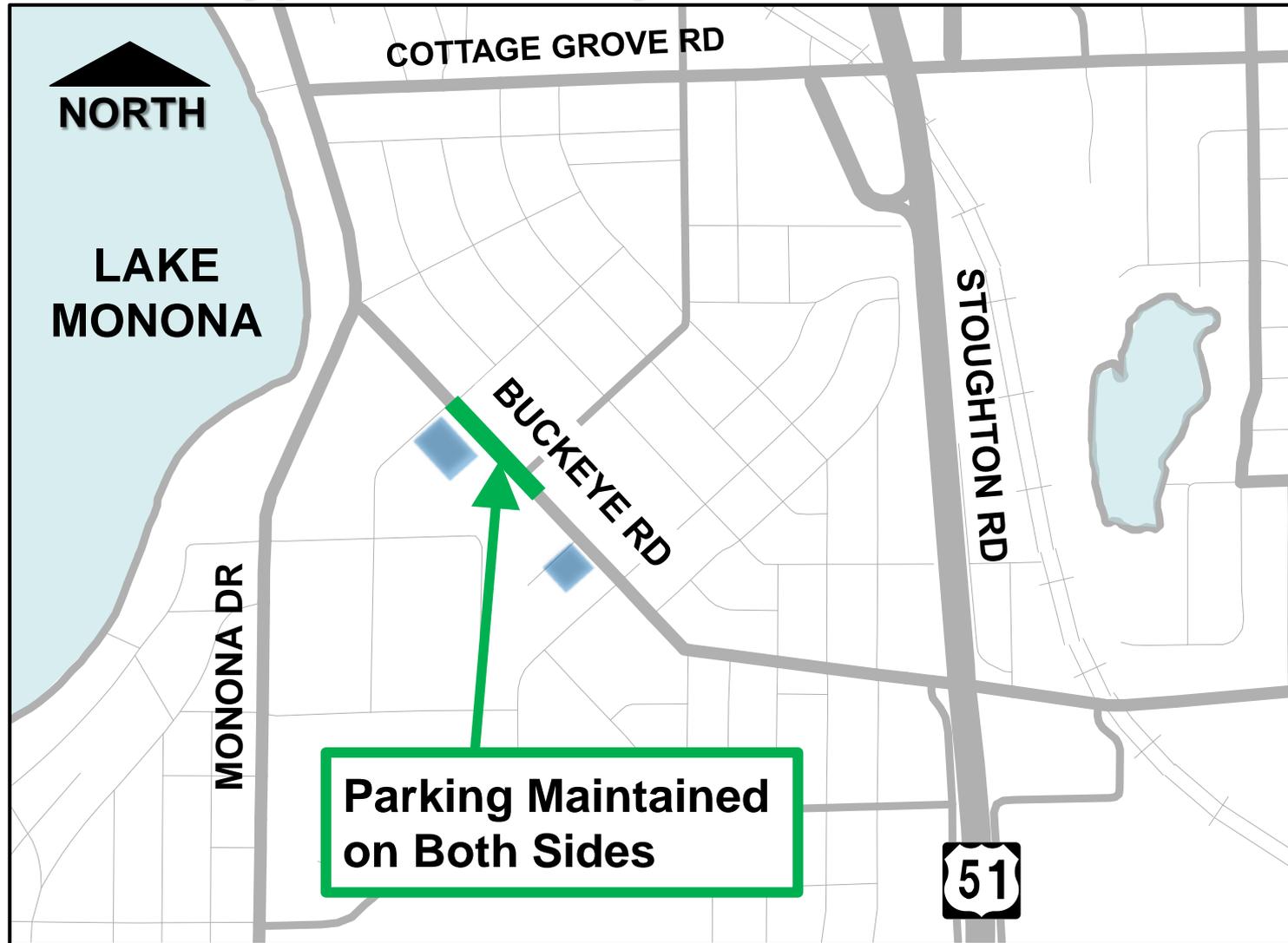
Typical Roadway Cross Sections



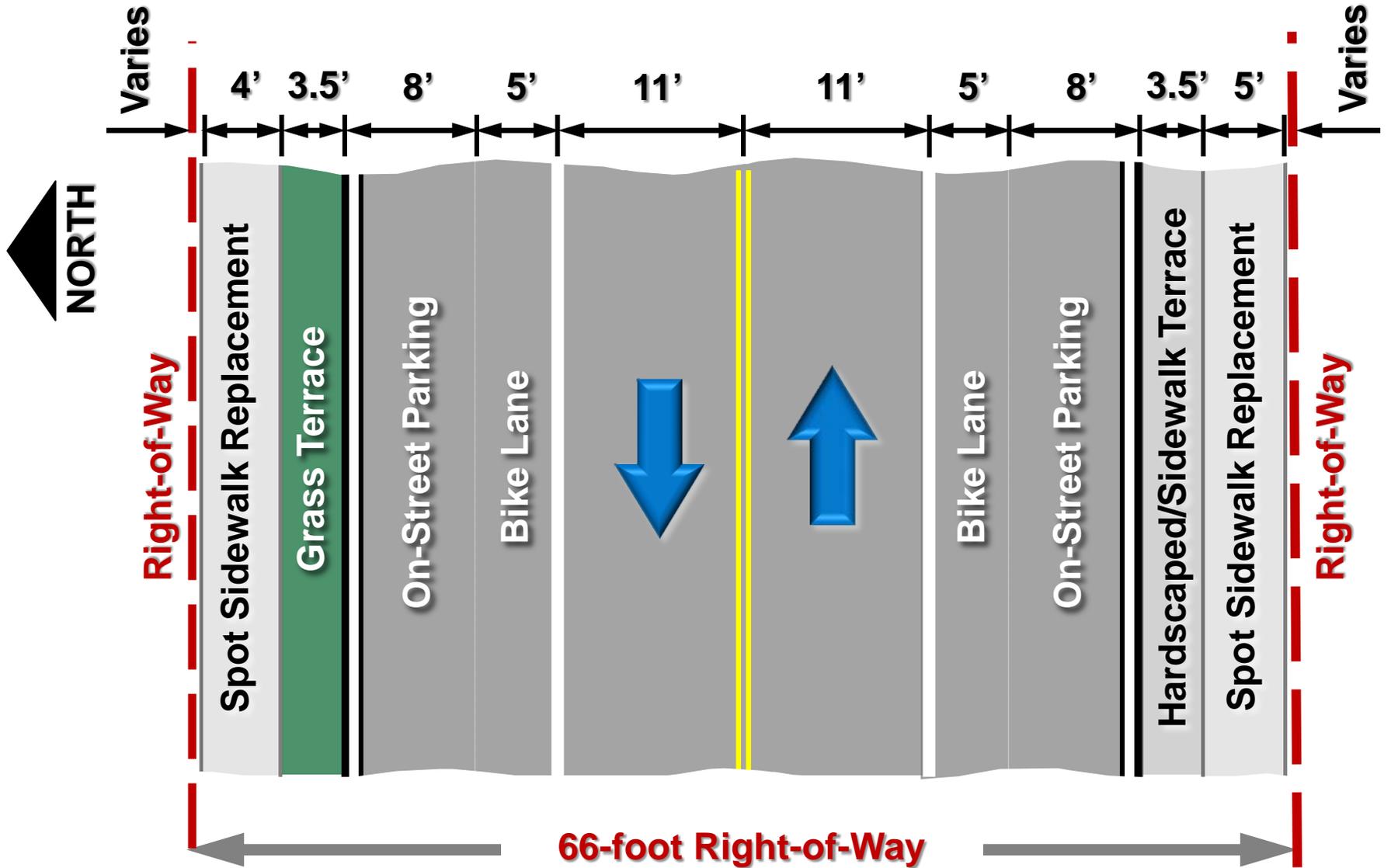
Typical Roadway Cross Section -Parking Eliminated on South Side-



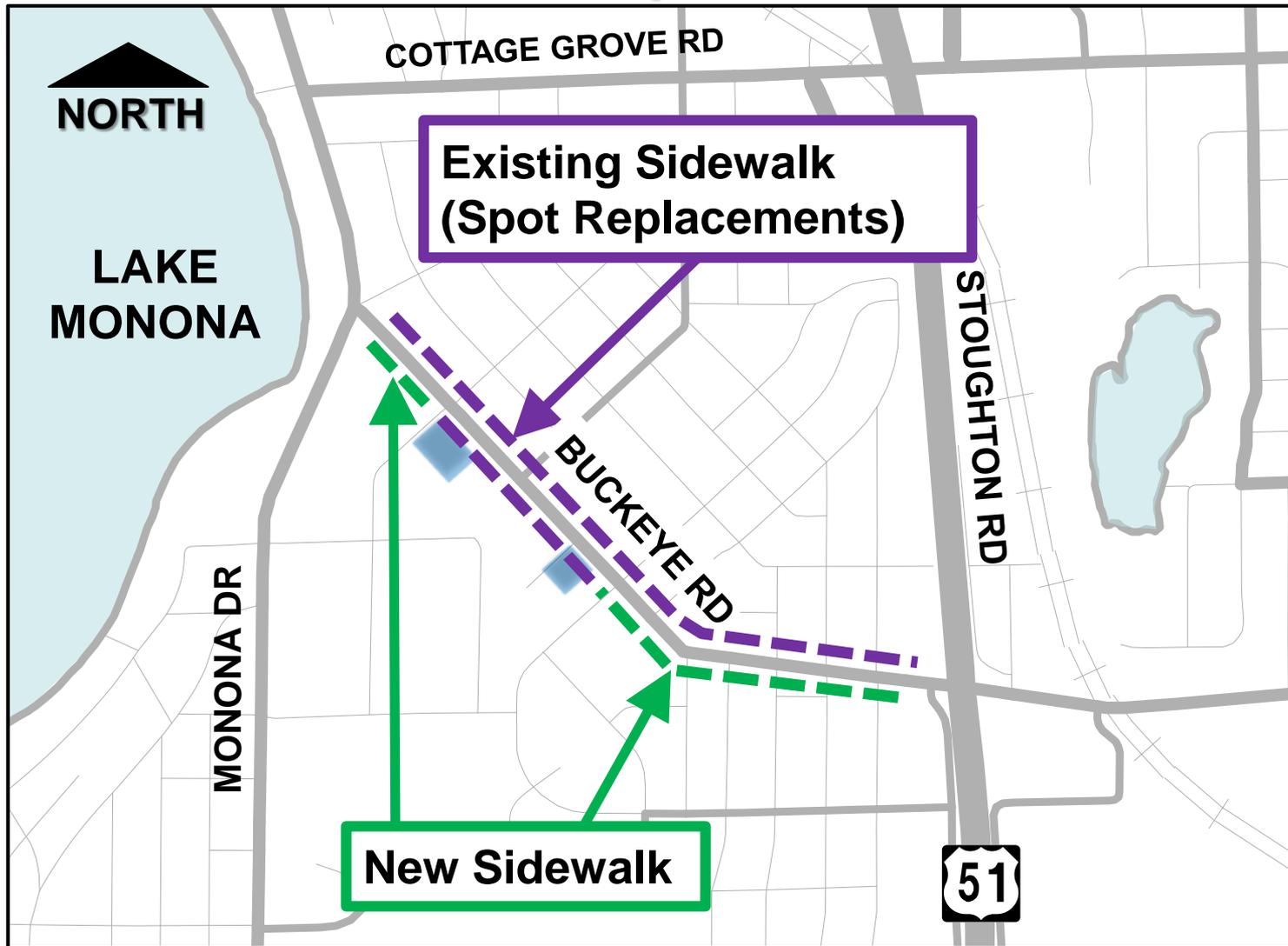
Typical Roadway Cross Sections



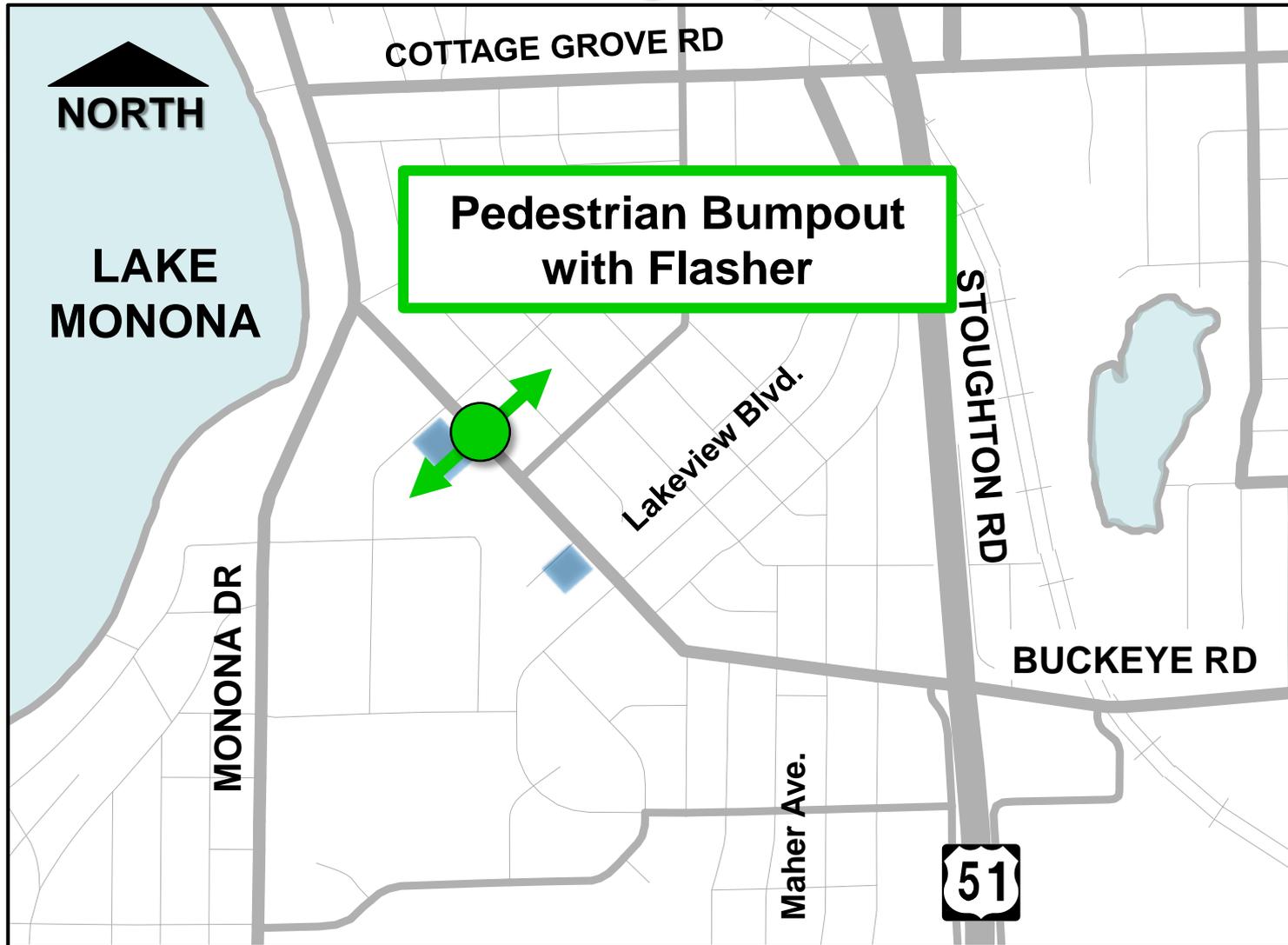
Typical Roadway Cross Section -Parking Maintained on Both Sides-



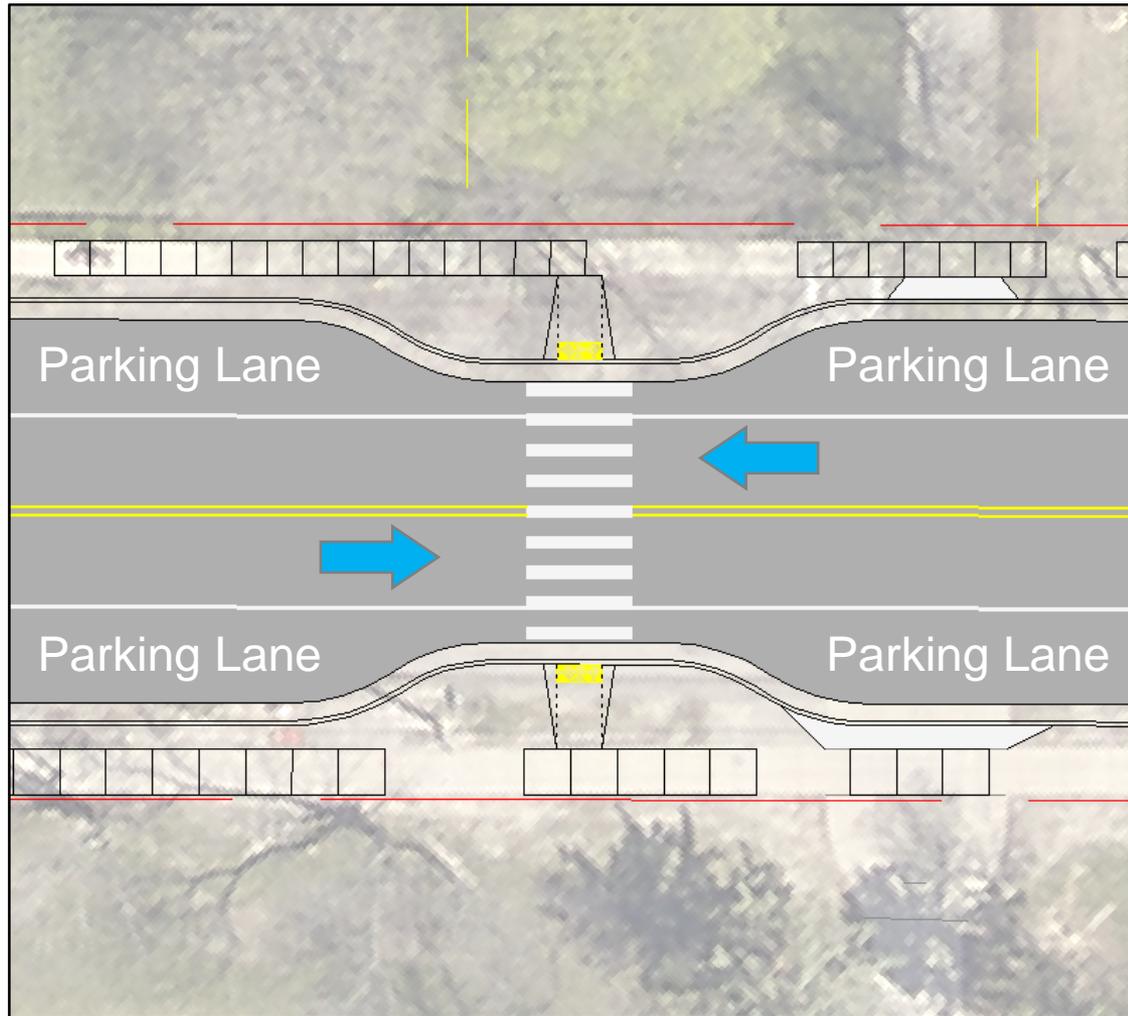
Sidewalk Improvements



School Crossing Improvements



School Crossing Improvements



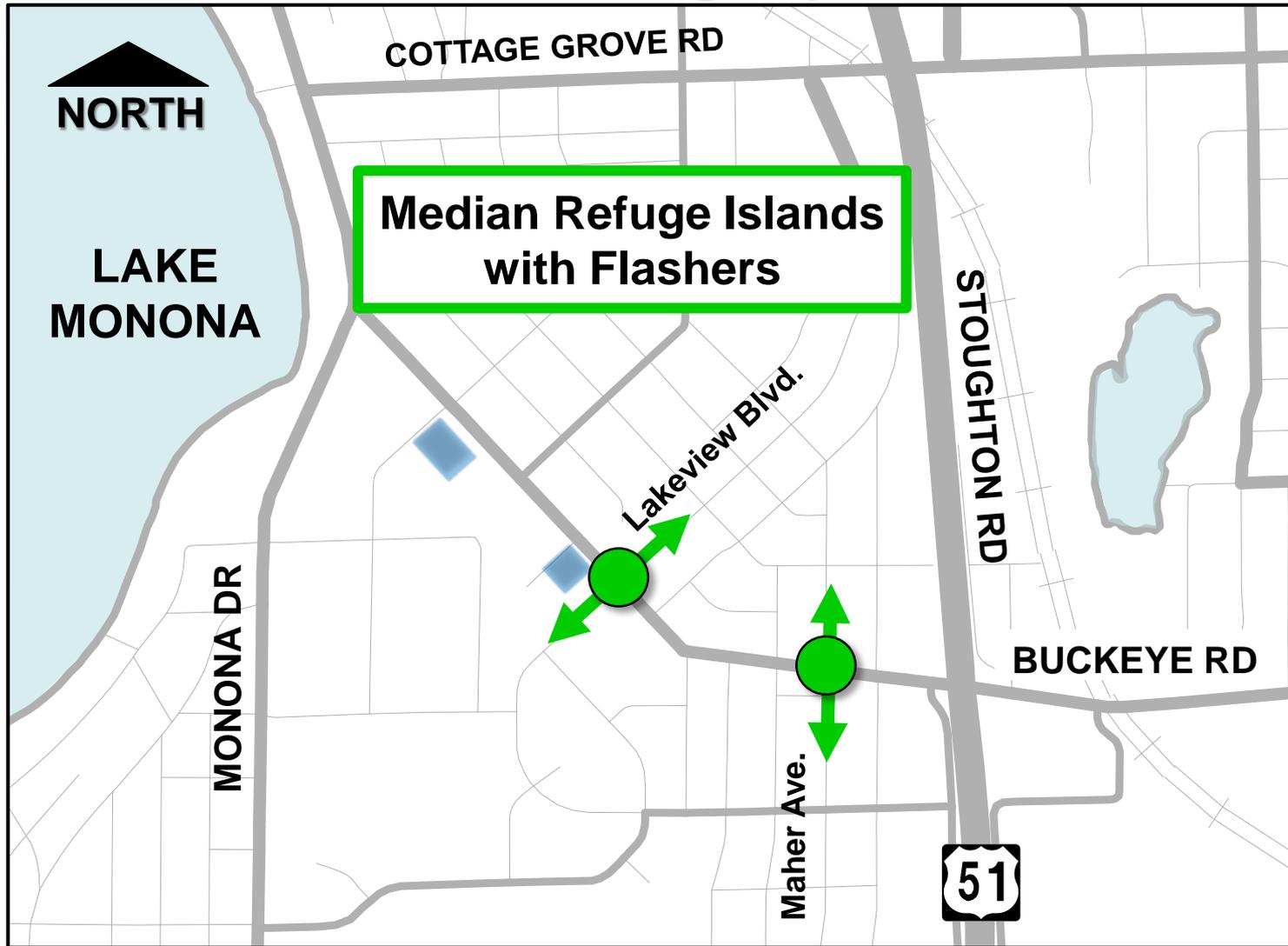
Potential Flasher Option



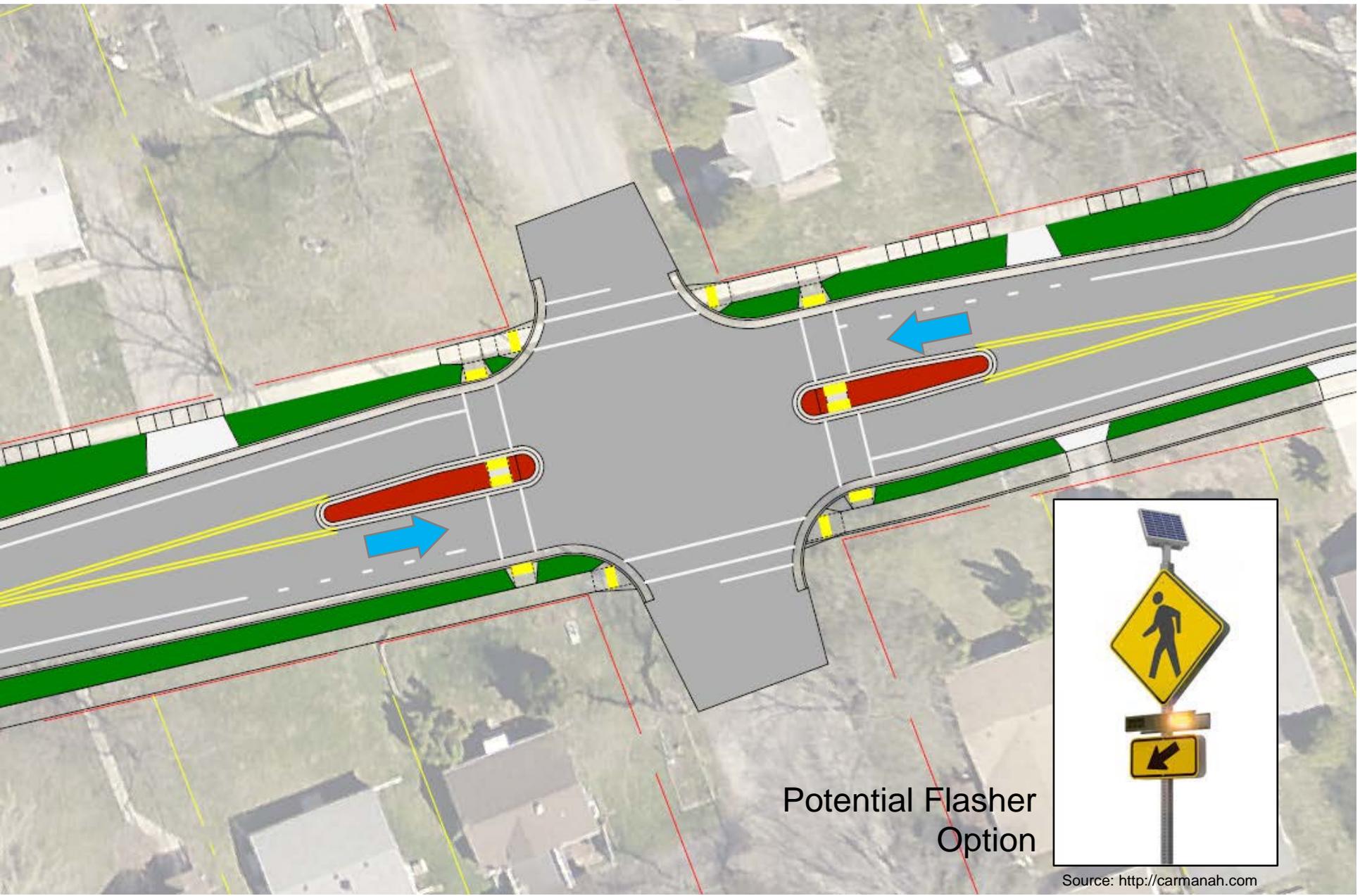
Source: <http://carmanah.com>



Bike Route Crossing Improvements



Crossing Improvements



Potential Flasher
Option



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

- Two potential options for traffic during construction:
 - Maintain one-way traffic inbound
 - Close roadway to through traffic
- Looking for your feedback on these options



Staging of Traffic During Construction

- Maintain one-way traffic inbound
 - Advantages:
 - More convenient access during construction
 - Reduces potential traffic diversion onto neighborhood streets
 - Reduced impact to Madison Metro bus routes
 - Disadvantages:
 - Typically more expensive to accommodate traffic through work zone
 - Longer construction duration



Staging of Traffic During Construction

- Closed to through traffic:
 - 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



Lighting

- Project will use standard lighting poles/fixtures.



Impacts to Park Spaces / Section 4(f) Resources

- Public Park Areas Impacted by the Project:
 - Quaker Park
 - Frank Allis Elementary School
- Scope of Impacts Anticipated:
 - Not anticipating impacts however may need temporary easements to replace existing sidewalk
 - Grading limited to grass areas (i.e. no trees, equipment or other fixtures anticipated to be impacted)



Anticipated Costs

- Preliminary Roadway Cost of about \$2.4 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 \$2.6 Million.
 - No Federal funds.
- Total Cost for Project is about \$5 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.
- 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), a search bar, and the name of the City Engineer, Robert F. Phillips, P.E. Below the header is a main navigation menu with links for Home, Bike, Road Construction, City Facilities, Sewer/Storm, and Resources. The breadcrumb trail indicates the current page is 'City of Madison > Engineering > Projects > Buckeye Rd'. The page title is 'Buckeye Rd'. A map shows the project location on Buckeye Rd. To the right of the map are project details: 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 the map, it says 'Last Updated 07/16/2015'. The 'Limits' section states 'Monona Dr to Stoughton Rd'. The 'Schedule' section lists 'Design 2015-2017' and 'Construction 2018'. The 'Details' section describes the project: 'Buckeye Road will be reconstructed from Monona Dr to Stoughton Rd. Project includes new pavement, curb & gutter, bike lanes, sidewalk replacement as necessary, street lighting, storm sewer, water main and sanitary sewer replacement.' The 'Project Contact' section lists Chris Petykowski, (608) 267-8678, and 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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