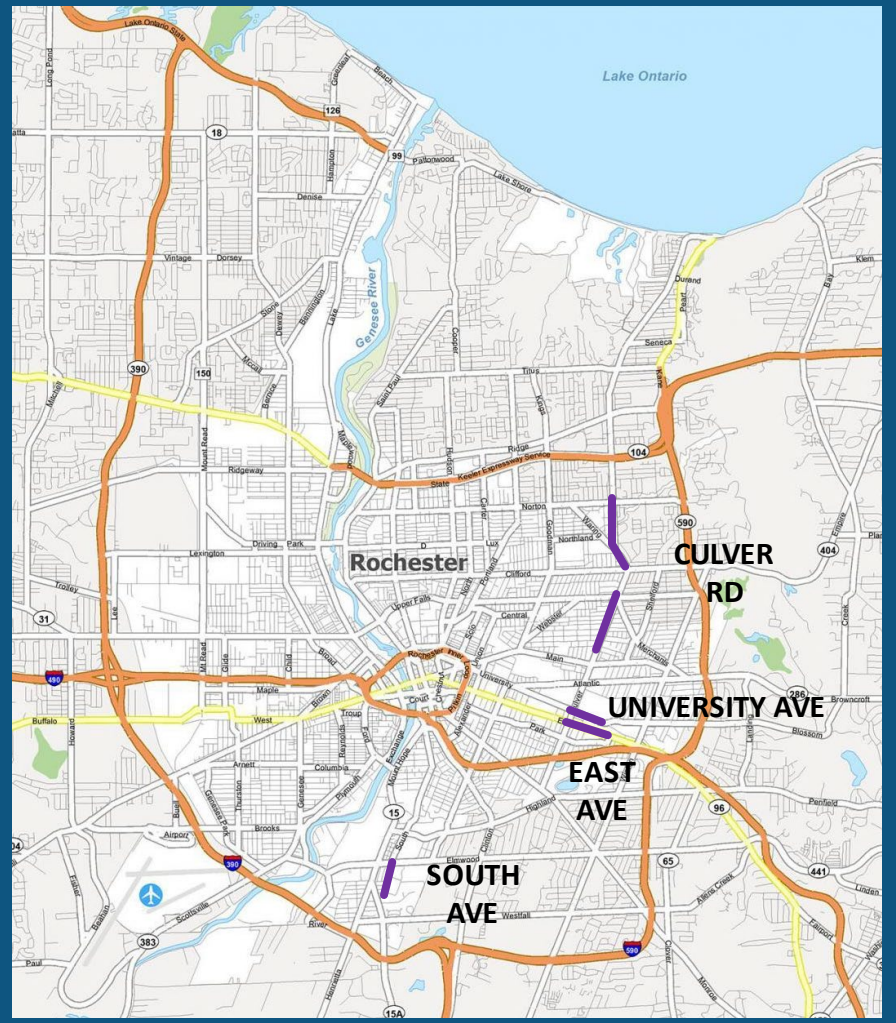
2023 Preventive Maintenance Group 1

- South Avenue (Elmwood Avenue to E. Henrietta Road)
- University Avenue (Culver Road to Blossom Road)
- East Avenue (Culver Road to Probert Street)
- Culver Road (Garson Avenue to Laurelton Road)
- Culver Road (Clifford Avenue to Norton Street)

Public Meeting via Zoom Webinar
Thursday July 28, 2022 at 5:30 p.m.



This project is federally-funded and administered by NYSDOT

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

COUNTY OF MONROE STATE OF NEW YORK

City of Rochester, NY
Malik D. Evans, Mayor
Rochester City Council

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Lu Engineers
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Due to COVID-19 health emergency restrictions, all project meetings and public outreach are conducted via video conference until further notice.

Format of Zoom Webinar

- **Attendance:** Please use the "chat" 🗨 feature to provide your name and address
- **Questions:** Meeting participants will be muted during the presentation. Questions will be addressed at the end of the presentation
- **Consent:** Attendees consent to the audio recording of this meeting for the purpose of project documentation

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Project Team

Mayor Malik D. Evans

Department of Environmental Services

- Commissioner
  Richard Perrin, AICP

- City Engineer
  Holly E. Barrett, P.E.

- Director, Water Bureau
  Geoff Gugel

- Managing Engineer, Street Design
  Dominic Fekete, P.E.

Project Team

- City Project Manager, Street Design
  Phoenix D. Howell – Host
- Erdman, Anthony & Associates (Design Consultant)
  Robert J. Schiller, P.E., PTOE – Co-Host
- Monroe County Dept. of Transportation
  Henry Herdzik, P.E.
- NYS Dept. of Transportation
  Craig Ekstrom, P.E. - Regional Local Projects Liaison
  Karlee Danek, P.E. - Regional Local Projects Liaison

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Meeting Agenda

- Project Limits
- Street Improvements
- Pedestrian and Traffic Safety Improvements
- Bicycle Facilities Improvements
- Work Zone Traffic Control During Construction
- Anticipated Project Timeline
- For more information
- Questions or Comments

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South Avenue

FROM: E. Henrietta Road

TO: Elmwood Avenue

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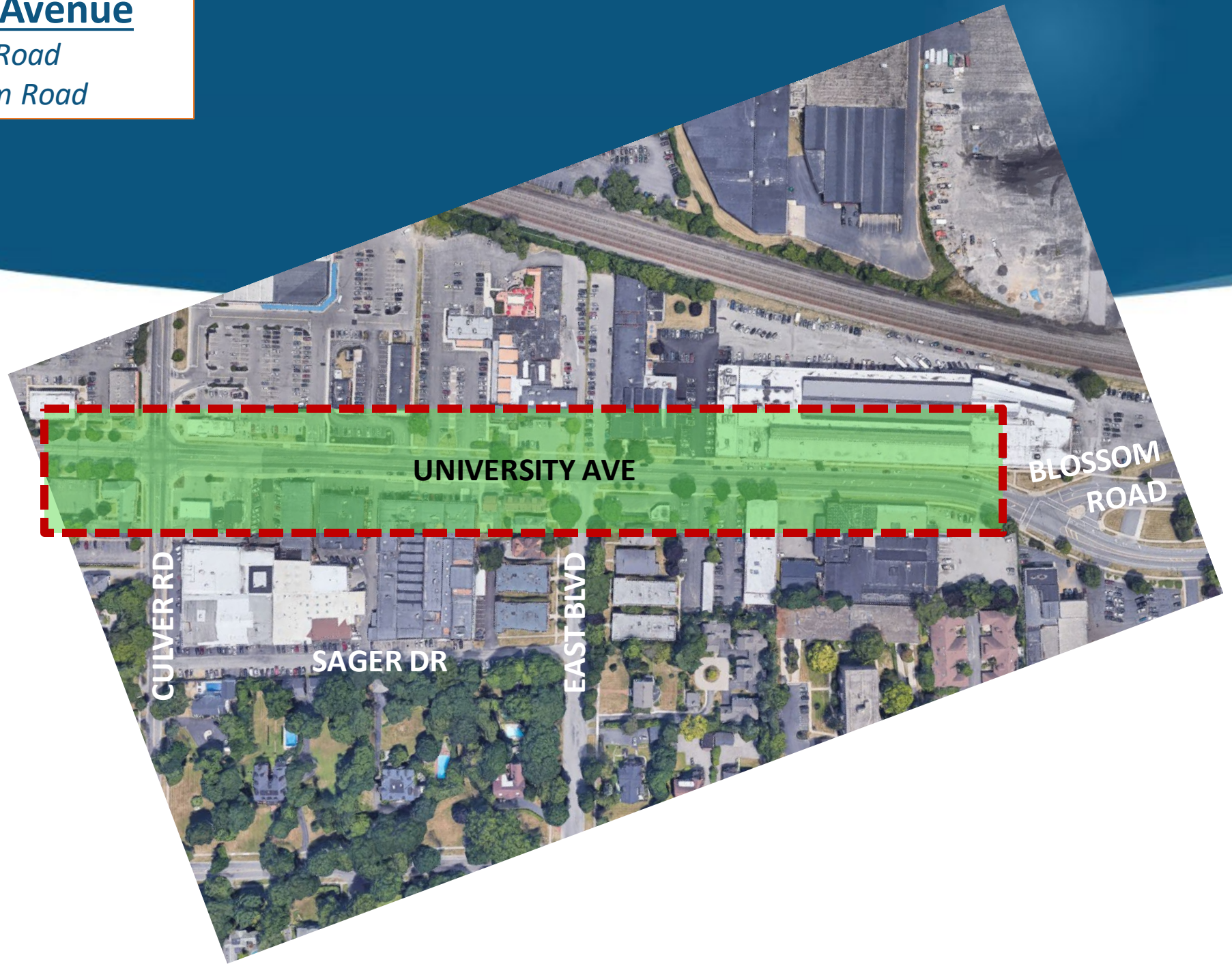
University Avenue

FROM: Culver Road

TO: Blossom Road



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East Avenue

FROM: Culver Road

TO: Probert Street

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Culver Road

FROM: Garson Avenue

TO: Laurelton Road

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Culver Road

FROM: Clifford Avenue

TO: Norton Street

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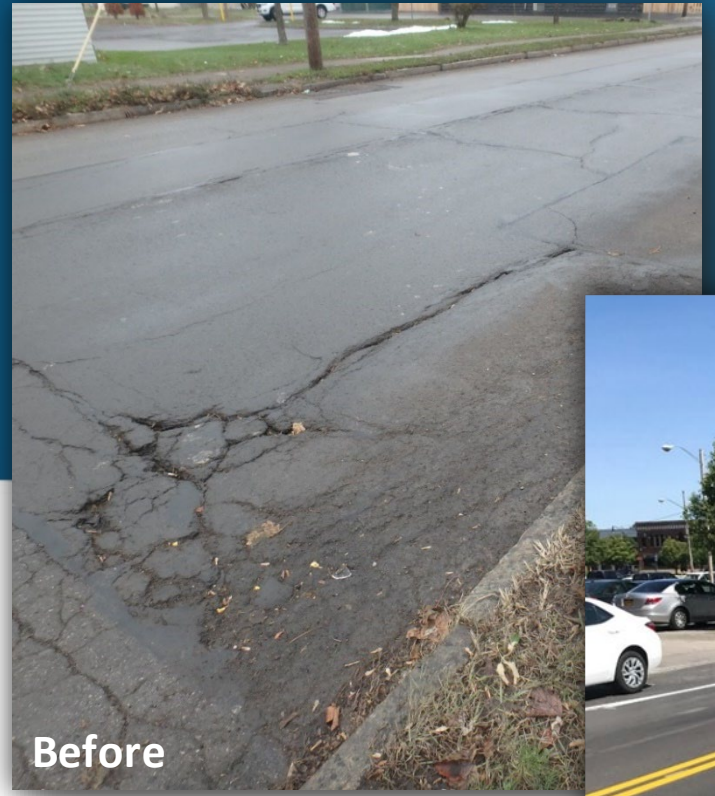
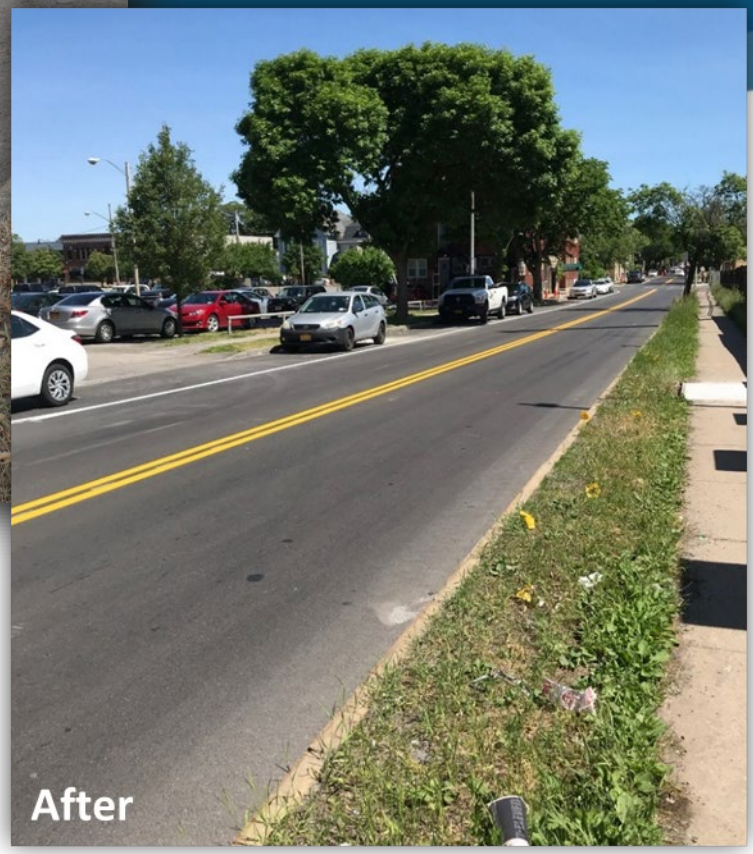
Street Improvements

Roadway Pavement Structure





Why Preventive Maintenance?

- The right treatment at the right time
- Avoid pavement failures
- Extend the service life of the roadways
- Improve drainage
- Improve ride quality

Restore Pavement Riding Surface

- Milling and resurfacing of the existing roadway pavement
- Deep pavement repairs where necessary

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Street Improvements

Granite Stone Curbs

- Repairs and/or replacement of broken, sunken or missing curbing as needed

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Street Improvements

Drainage Inlets

- **Adjusted drainage inlets to grade-level with concrete collars**

Note: Collars are only installed when an adjustment is necessary due to structural condition, frame & grate condition, elevation issues or for a new catch basin.

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Street Improvements

Utilities

- **Utility appurtenances will be adjusted to grade-level with concrete collars**

Note: Collars are only installed when an adjustment is necessary due to structural condition, frame & grate condition, elevation issues or for a new manhole or water valve.

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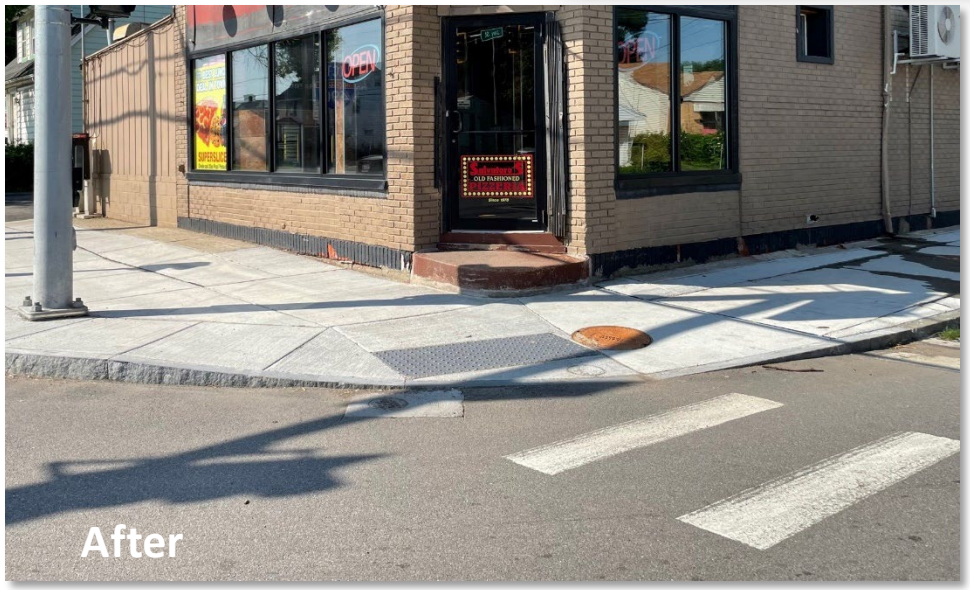
Pedestrian and Traffic Safety Improvements

Sidewalk Curb Ramps

- **Sidewalk curb ramps will be retrofitted, modified, or replaced where needed. Detectable warning units will be installed as needed to address accessibility requirements**



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Pedestrian and Traffic Safety Improvements

Upgrade Crosswalks, Pavement Markings and Traffic Signage

- **Install high visibility crosswalks and replace pavement markings and traffic signage throughout the project limits to meet current MUTCD standards, as needed**

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Pedestrian and Traffic Safety Improvements

Upgrade Sidewalks

- **Replace public sidewalk, where needed, to remove trip hazards and address drainage issues**

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Pedestrian and Traffic Safety Improvements

Installation of Curb bump-outs

- A Safety Screening was conducted to support installation of the curb bump-outs
- Safety benefits of curb bump-outs:
  - Traffic calming, reduce vehicle speed by narrowing pavement width
  - Reduced vehicle turning speeds
  - Improved visibility of pedestrians for motorists
  - Shorter crossing distance for pedestrians
  - Restrict vehicles from parking close to intersections
  - Improves intersection sight distance

Pedestrian and Traffic Safety Improvements

Curb bump-outs & cycle track at East Avenue / East Boulevard

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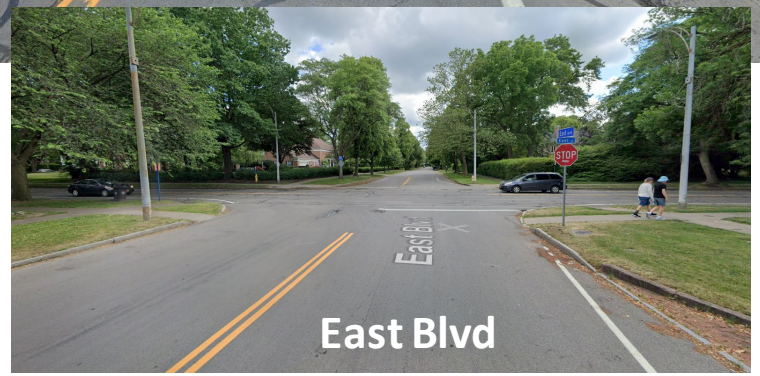
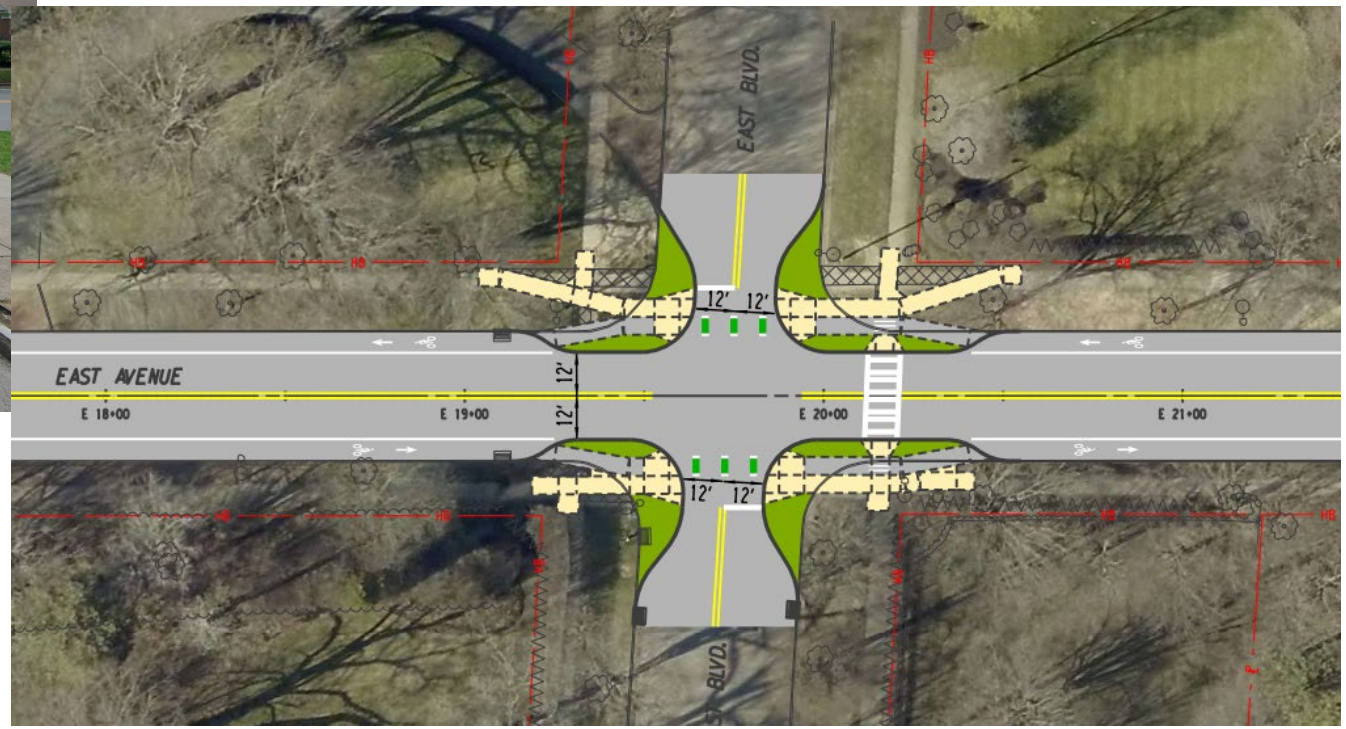
Before – East Ave



East Blvd

After



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Pedestrian and Traffic Safety Improvements

Curb bump-outs at University Avenue / East Boulevard

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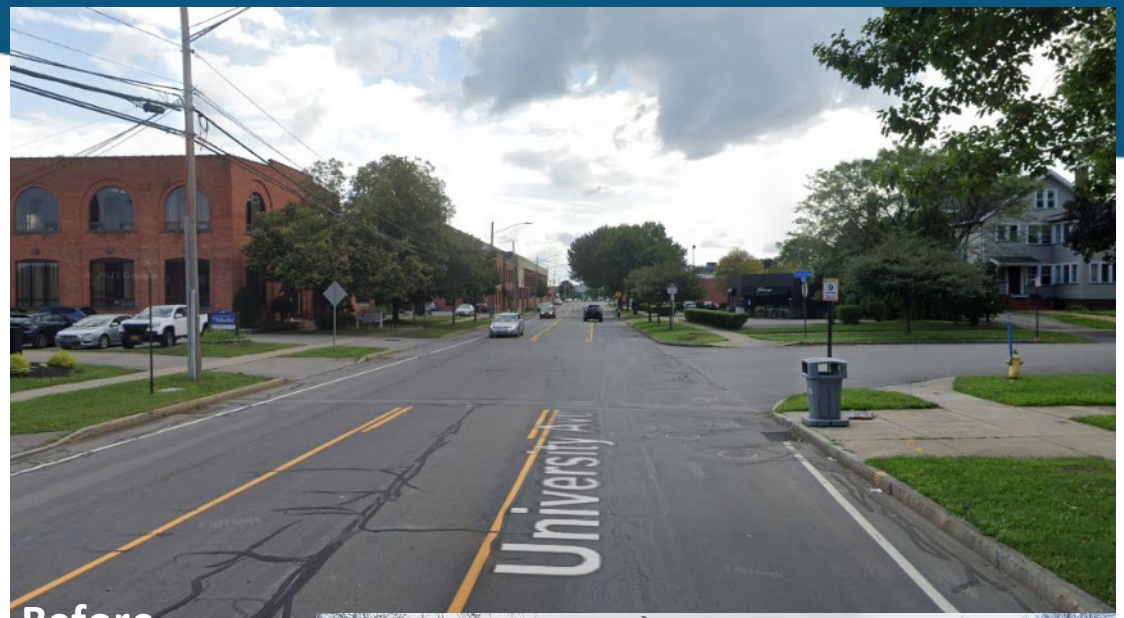
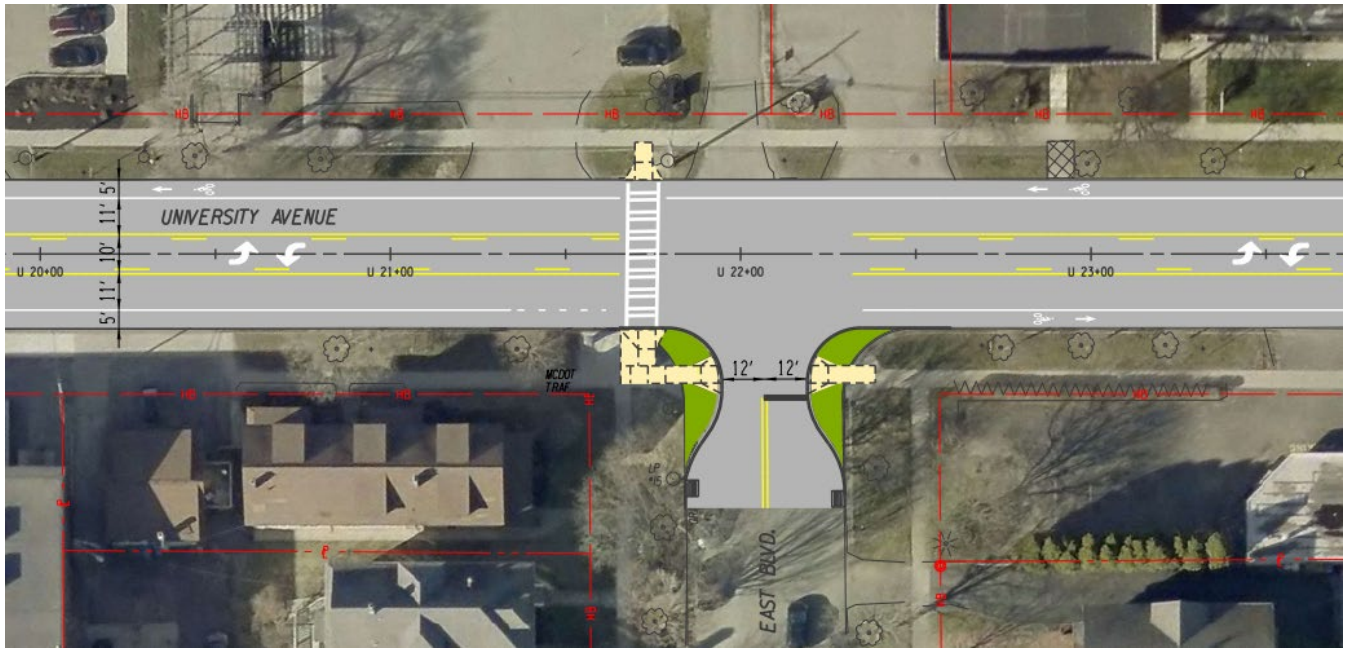


Before – University Ave

East Blvd

After



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Pedestrian and Traffic Safety Improvements

Curb bump-outs at Culver Road / Parsells Avenue

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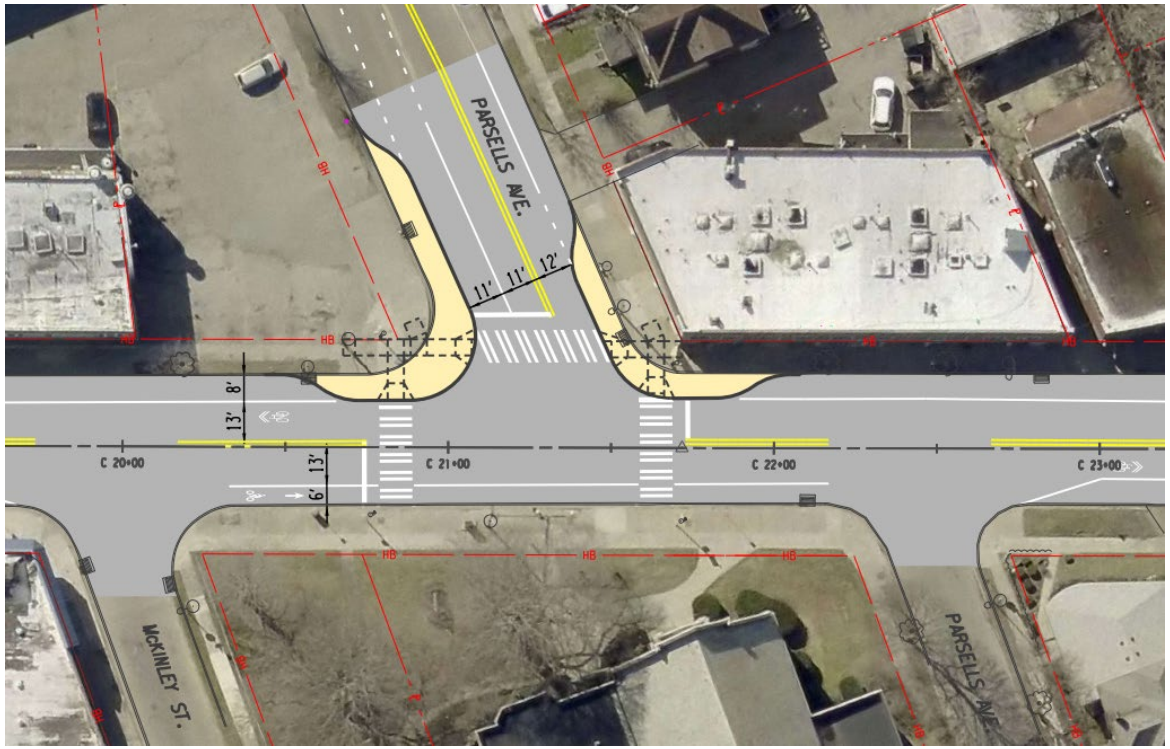
Before – Culver Rd

After



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Pedestrian and Traffic Safety Improvements

Intersection Realignment of Culver Rd / Master St / Densmore St

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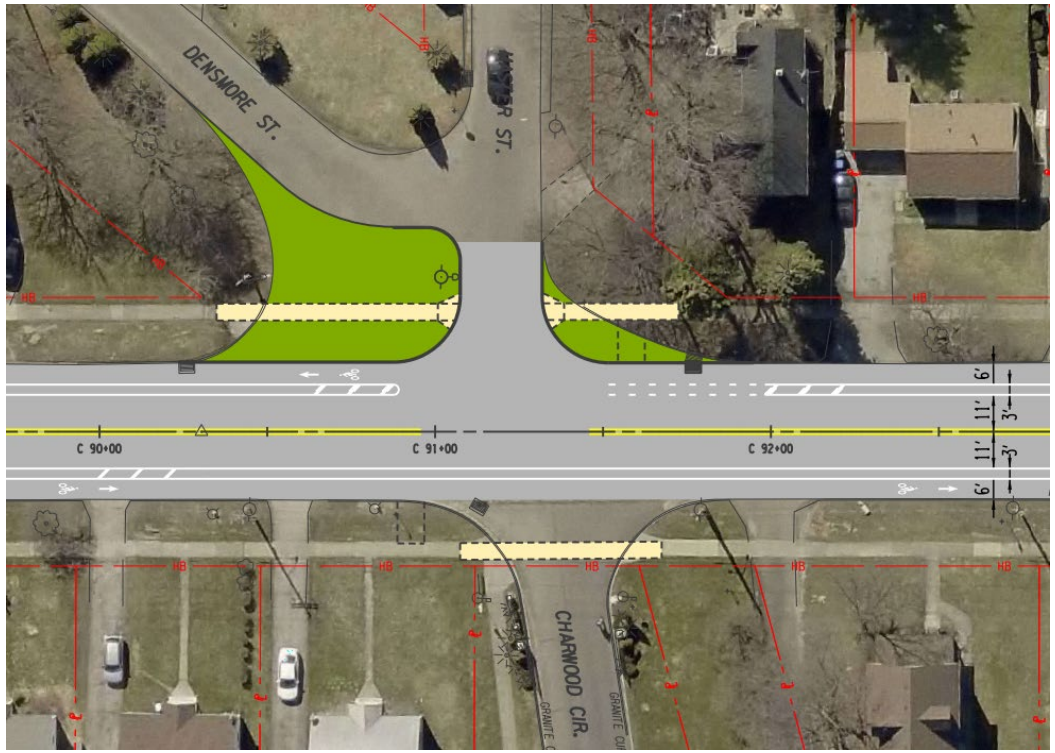
Before – Culver Rd

Master St

After



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Bicycle Facilities Improvements

Installation of Bike Lanes and Sharrows

Parking Study

- A Parking Study was conducted in February 2022 to investigate the impact of the proposed new bike lanes and elimination of under-utilized existing on-street parking
- The Parking Study supports the elimination of under-utilized existing on-street parking, therefore, bike lane pavement markings and signage will be installed where appropriate
- The Parking Study is posted on the City of Rochester project webpage for review by the public

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Bicycle Facilities Improvements

Difference between Bike Lanes and Sharrows

Bike Lanes

- **Painted white lane line with bike symbols designates a 5 to 6 foot wide travel lane for exclusive use by bicycles**

Sharrows

- **A Shared Use Lane Marking Symbol, also known as a Sharrow, indicates that motor vehicles and bicycles should share the travel lane**

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Bicycle Facilities Improvements

South Avenue

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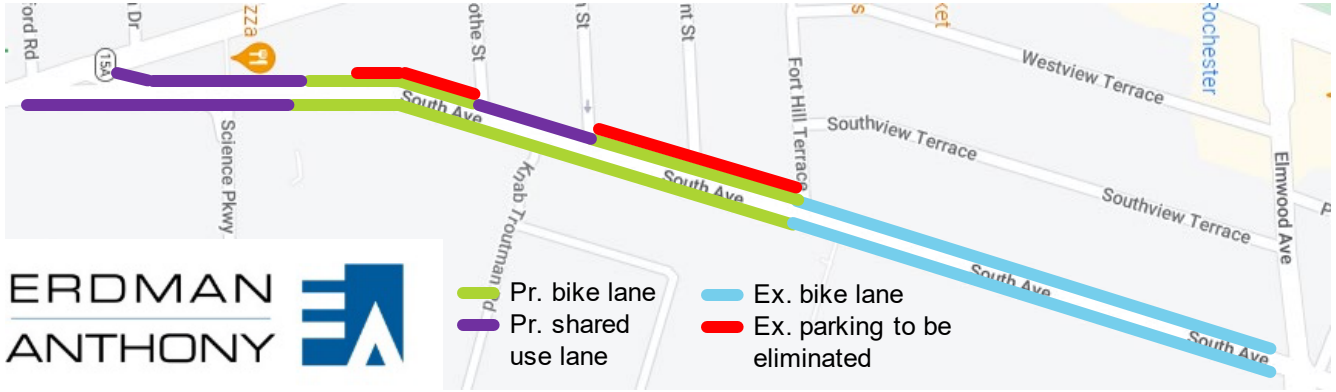
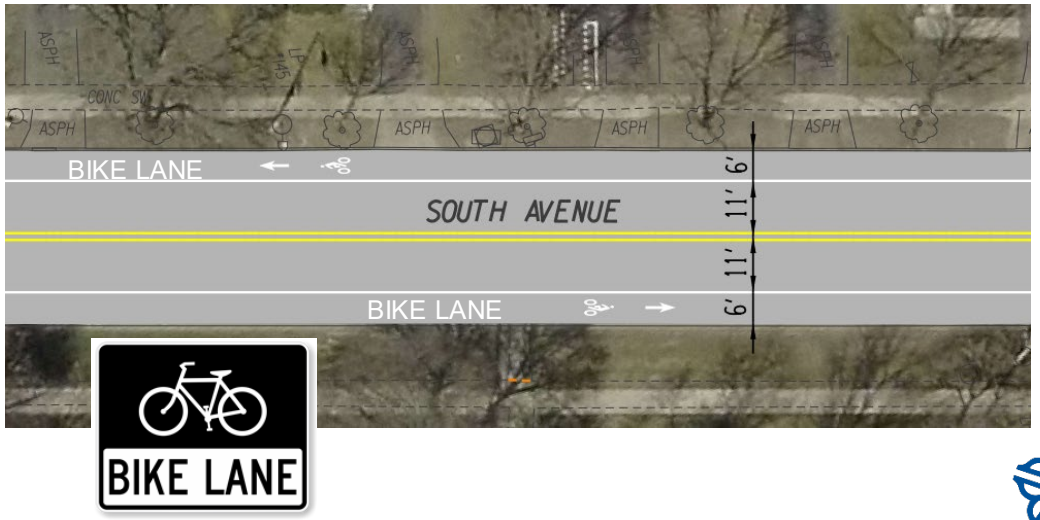
New Bicycle Facilities

- Proposed bike lanes on both sides of South Avenue from Science Parkway to Elmwood Avenue
- 23 under-utilized parking spaces will be removed to accommodate the new bike lanes (1 parking space was utilized during the parking study)
- All properties have driveways or off-street parking





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Bicycle Facilities Improvements

University Avenue

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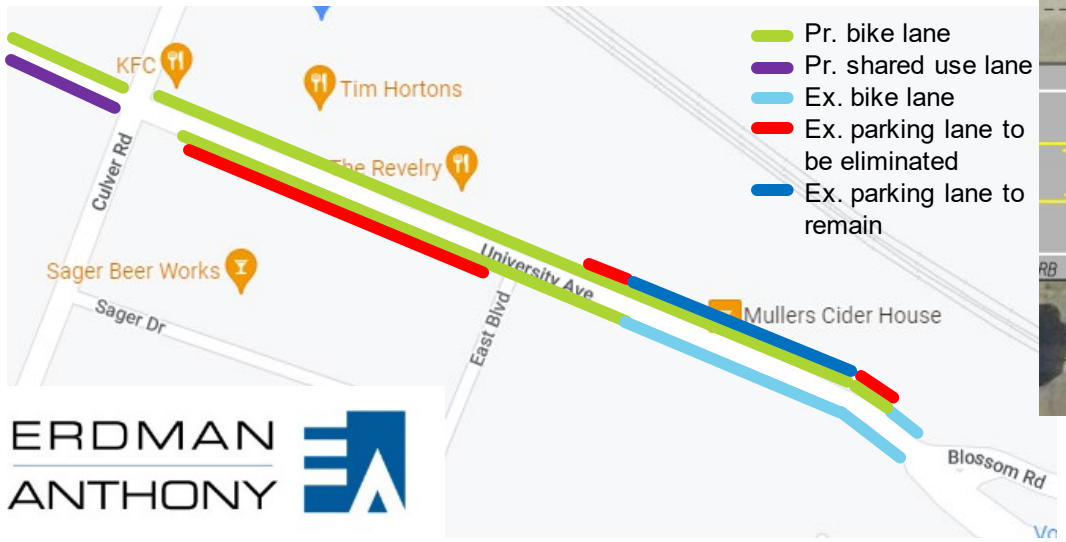
New Bicycle Facilities

- **Proposed bike lanes on both sides of University Avenue from Culver Road to Blossom Road**
- **23 under-utilized parking spaces will be removed to accommodate the new bike lanes (16 parking spaces will remain on the north side from East Boulevard to Blossom Road)**
- **Commercial/retail properties have off-street parking**



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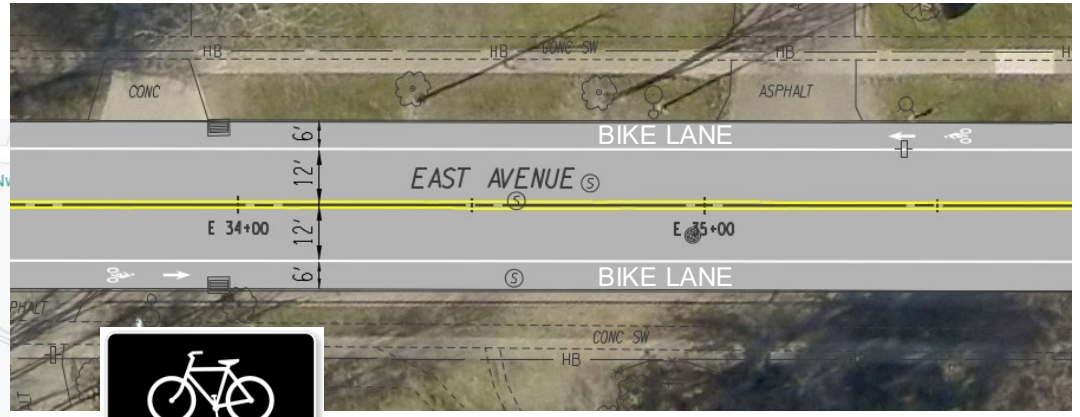
Bicycle Facilities Improvements

East Avenue

DRAFT

New Bicycle Facilities

- Proposed bike lanes on both sides of street from Culver Road to Probert Street
- 155 under-utilized parking spaces will be removed to accommodate the new bike lanes (0 parking spaces were utilized during the parking study)
- All properties have driveways or off-street parking



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Bicycle Facilities Improvements

Culver Road

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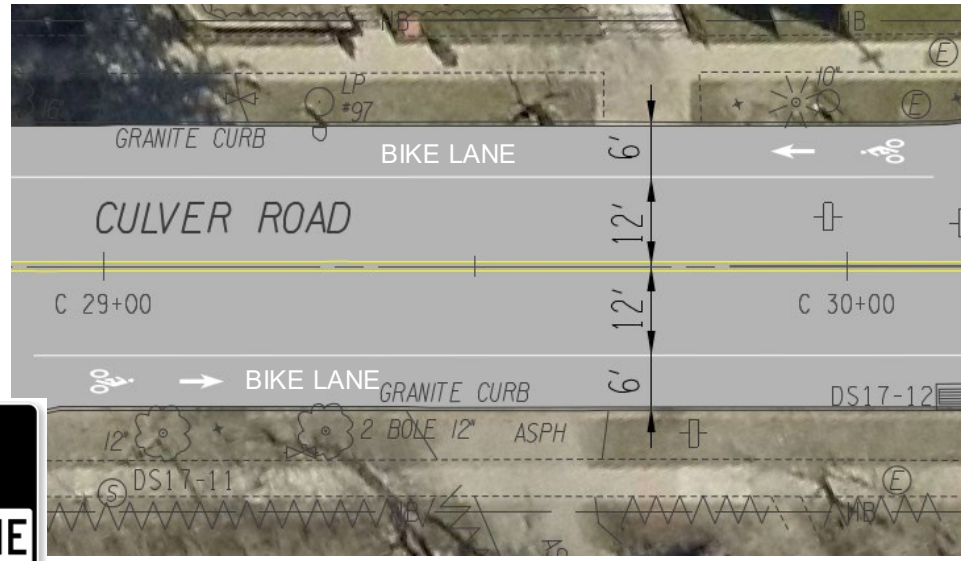
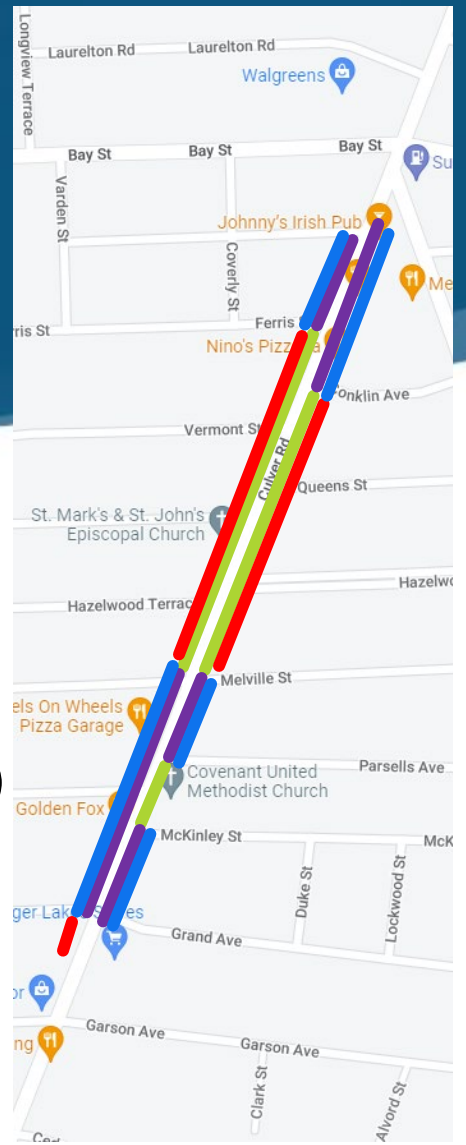
New Bicycle Facilities

- **Bike lanes or shared use lanes on both sides of street from Garson Avenue to Bay Street**
- **26 under-utilized parking spaces will be removed to accommodate the new bike lanes (54 parking spaces will remain in commercial/retail areas)**





Pr. bike lane
Pr. shared use lane
Ex. parking to be eliminated
Ex. parking to remain

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Bicycle Facilities Improvements

Culver Road

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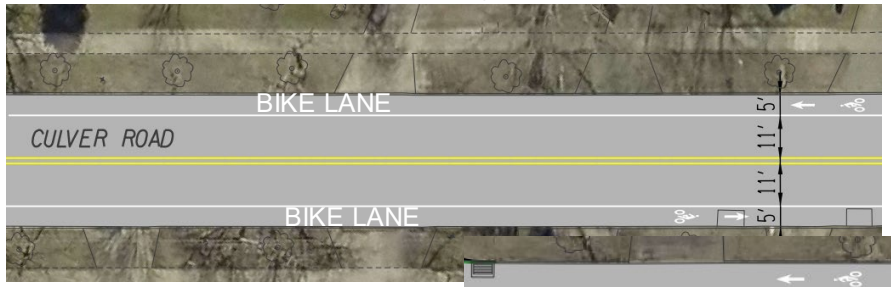
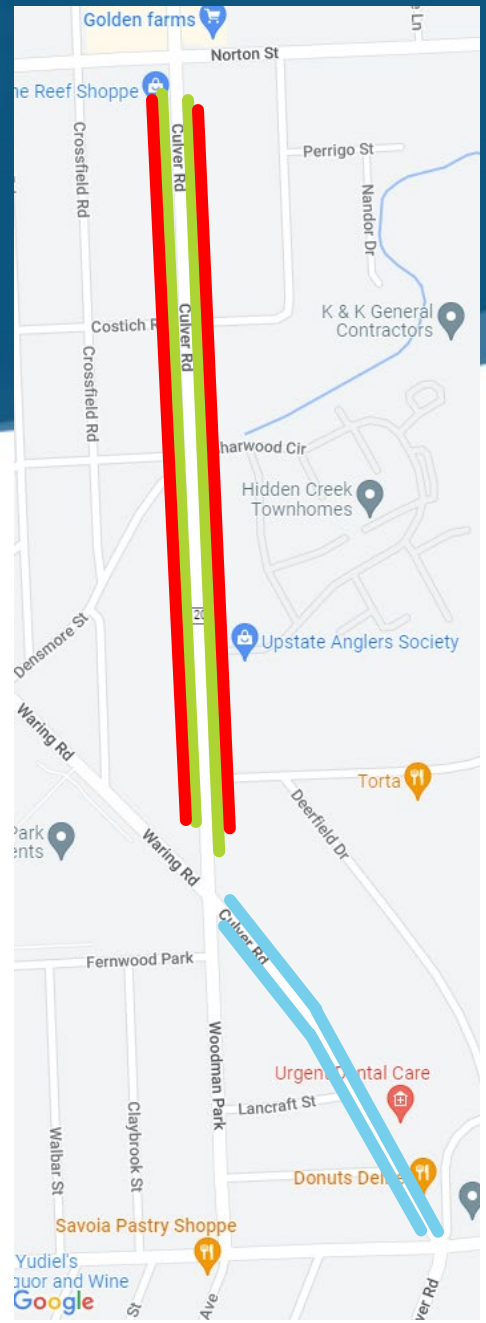
New Bicycle Facilities

- **Proposed bike lanes on both sides of Culver Road from Clifford Avenue to Norton Street**
- **101 under-utilized parking spaces will be removed to accommodate the new bike lanes (5 parking spaces were utilized during the parking study)**
- **All properties have driveways or off-street parking**





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Work Zone Traffic Control During Construction

Communication

- Public information will be provided:
  - Direct mailings to adjacent properties
  - Media alerts via radio broadcasts to general public
  - Variable message signs
  - Temporary motorist information signs
- Coordination with RTS will be maintained to provide uninterrupted access to transit services

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Construction Work Zone Traffic Control

Timeframe and Access

- Construction is anticipated to last approximately 6 – 8 months
- Two-way traffic will be maintained with flaggers and daily lane closures when needed
- Some temporary disruptions will occur during curb and sidewalk replacement at driveways
- Emergency access will be maintained during construction

Milling


Resurfacing

If there are known medical emergency access needs at any of the properties within the project limits, please inform the City's Construction Project Manager so that the appropriate measures are taken to maintain access during construction at all times.

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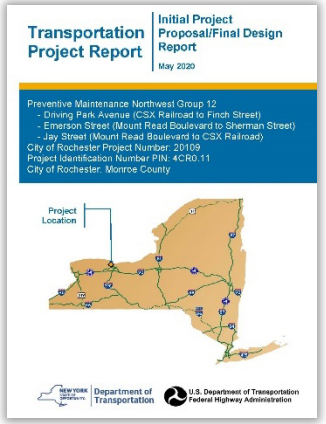
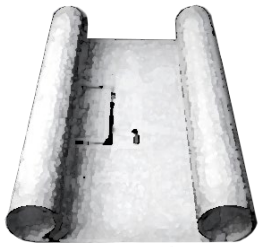
Anticipated Project Timeline



Spring 2022
Preliminary Design Complete



Fall 2022
Final Design Complete

Spring 2023
Construction Begins

Fall 2023
Construction Ends

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For More Information…

- **Check the City of Rochester Project Webpage for updates on project schedule, meeting minutes, and public meeting displays.**

- **https://www.cityofrochester.gov/2023PMGroup1**

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Questions or Comments

Please provide your name and address when asking a question

To ask a question on the COMPUTER:

- Click Raise Hand in the webinar controls
- The Host will be notified that you have raised your hand
- Click lower Hand when finished

To ask a question on the PHONE:

- Dial *9 to Raise your Hand

Also:

- Windows: You can also use Alt+Y keyboard shortcut to raise your hand
- Mac: You can also use Option+Y keyboard shortcut to raise your hand

Thank you for your time

For additional information, please contact:

Phoenix Howell at 585.428.6284 or

Phoenix.Howell@cityofrochester.gov

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