

# South Avenue & Elmwood Avenue Reconstruction Project

October 20, 2020

## Public Information Meeting (Zoom Conference)

City of Rochester  
Department of  
Environmental  
Services

City Hall Room 300B  
30 Church Street  
Rochester, NY



City of Rochester, NY  
Lovely A. Warren, Mayor  
Rochester City Council



ERDMAN  
ANTHONY 

## Format of this Meeting

- We'd like to take attendance. Please use the "chat" feature to provide your name and address.
- Meeting participants will be muted during the presentation.
- Meeting participants will be able to use the "raise hand feature" at the end of the meeting to ask a question.
- Meeting participants on a phone can dial \*9 to "raise your hand" at the end of the meeting to ask a question.



# Tonight's Presentation



City of Rochester, NY  
Lovely A. Warren, Mayor  
Rochester City Council

- Project Team
- General Project Overview
- Project Process
- Project / Design Considerations
- Conceptual Early Alternatives
- Timeline
- Questions & Contacts



# Project Team



City of Rochester, NY  
Lovely A. Warren, Mayor  
Rochester City Council

**Mayor**  
**DES Commissioner**  
**City Engineer**

**Lovely A. Warren**  
**Norman H. Jones**  
**Holly E. Barrett, P.E.**



Street Design Manager  
Street Design Project Manager

Dominic Fekete, P.E.  
Tim Hubbard

MCDOT Project Liaison

Thomas Polech, P.E.

Design Consultant

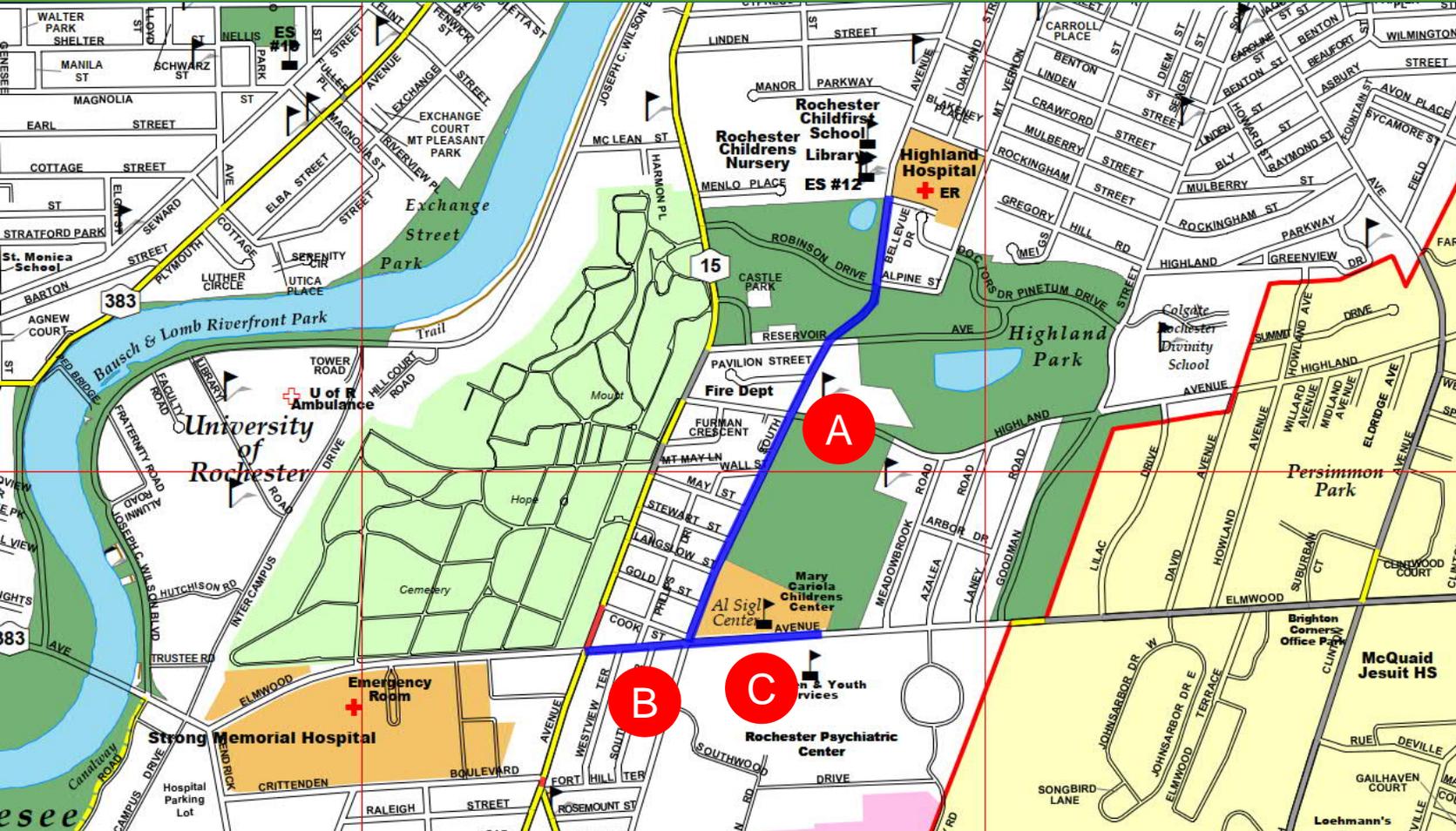
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# General Project Overview



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## Where is the project located?



PC 16102

### South Avenue & Elmwood Avenue 131-K Arterial Reconstruction Project

Monroe County  
City of Rochester

South Avenue (0.88 miles)

Elmwood Avenue to Bellevue Drive **A**

Elmwood Avenue (0.17 miles)

Mt Hope Avenue to South Avenue **B**

South Avenue to Roch. Psych. Drive **C**

# General Project Overview



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## Why is the project needed?

To make street improvements including:

- pavement rehabilitation/reconstruction;
- new curb;
- sidewalks;
- street lighting;
- water main; and
- landscaping



# General Project Overview



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## Objectives / Purposes of the Project?

- Provide **full-depth pavement reconstruction**
- Improve and promote **multi-modal transportation**
- Improve **pedestrian facilities**
- **Streetscape upgrades** including improvements to lighting and landscape
- Improve the condition of **traffic control devices**



# General Project Overview



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## Who will pay for the project?

Investment in Roadway and Streetscape Improvements  
City of Rochester and Monroe County funds

# 131-K Funding

*Both Elmwood and South Avenues are owned and maintained by the City of Rochester, but are eligible for County aid for construction and improvements per New York State Highway Law, Section 131-K.*



# Project Process



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Lovely A. Warren, Mayor  
Rochester City Council

- Studies
- Alternatives
- Public Participation
- Design Report
- Design Approval
- Public Participation
- Final Design
- Construction





# What to Expect along Elmwood Avenue (0.17 miles)



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- 1) No significant changes to the current use of the corridor
  - No impact to the function of the street
  - No impact to driveways
  - Minimal impact to trees
- 2) New pavement, curbs, sidewalks & lighting
- 3) Minor watermain upgrade
- 4) Narrowing pavement
  - traffic calming
  - provides wider tree lawn area on the north side
- 5) Pedestrian / Bicycle connection from Mt Hope to the Highland Crossing trail to the east
- 6) Intersection improvements
  - Elmwood Avenue / South Avenue intersection
- 7) Multi-Use Trail Extension
  - South Avenue to Rochester Psychiatric Center Driveway



# Elmwood Avenue Roadway – 55' curb to curb width Mt Hope Avenue to South Avenue



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Mt Hope

Begin Reconstruction

Widened Tree Lawn Area

Pavement Narrowing

New Left Turn Lane

Cook

South

Mt Hope

10' wide Multi-Use Trail

End Reconstruction

Right of Way needed to construct Right turn lane and Multi-Use Trail

10' wide Multi-Use Trail

Westview

Southview

South

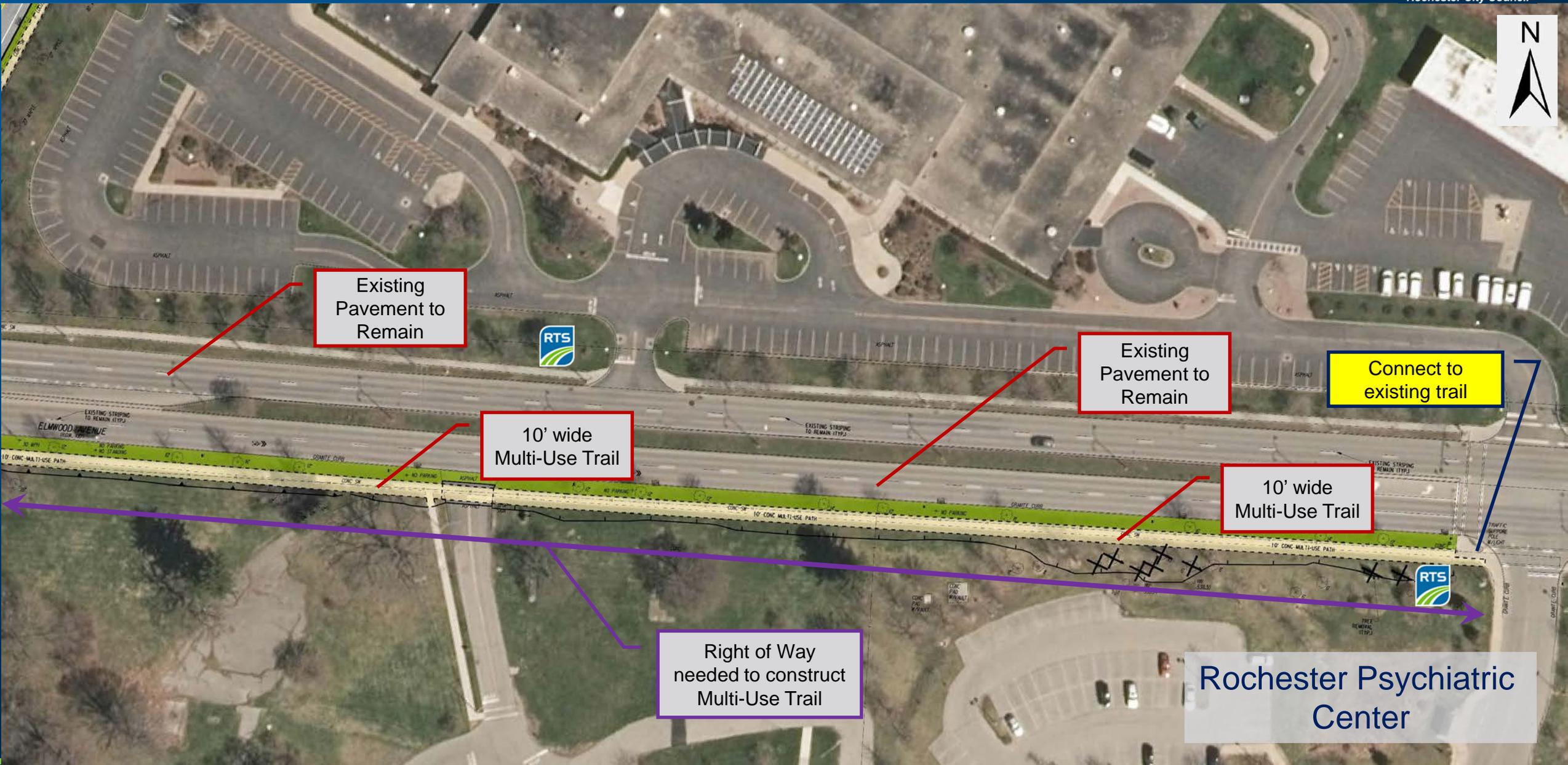
New Right Turn Lane

# Elmwood Avenue Multi-Use Trail

## South Avenue to Rochester Psychiatric Center Driveway



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Existing Pavement to Remain

10' wide Multi-Use Trail

Existing Pavement to Remain

Connect to existing trail

10' wide Multi-Use Trail

Right of Way needed to construct Multi-Use Trail

Rochester Psychiatric Center



# What to Expect along South Avenue (0.88 miles)



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- 1) No significant changes to the current use of the corridor
  - No impact to the function of the street
  - No impact to driveways
  - Minimal impact to trees
- 2) New pavement, curbs, sidewalks & lighting
- 3) Watermain replacement Elmwood Avenue to Reservoir Avenue
- 4) Maintain existing bike lanes that were recently installed
- 5) Intersection improvements
  - Elmwood Avenue / South Avenue intersection
  - South Avenue / Reservoir Avenue intersection
- 6) Replace existing traffic signals at Elmwood Avenue, Highland Avenue and Bellevue Drive



# South Avenue Roadway – 42' curb to curb width Elmwood Avenue to Gold Street



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Elmwood

Cook

Gold

Langslow

New Left Turn Lane

New Left Turn Lane

Parking to remain

Replace Traffic Signal

Bike Lane on both sides

New Right Turn Lane



Bike Lane connection

Begin Reconstruction

End Reconstruction

Elmwood



# South Avenue Roadway – 40' curb to curb width Gold Street to Wall Street



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Langslow

Stewart

May

Wall

Parking to remain

Parking to remain

Parking to remain

Bike Lane on both sides

Bike Lane on both sides

Existing Trail to Remain

Maintain Highland Trail Connection

# South Avenue Roadway – 42' curb to curb width

## Wall Street to Pavilion Street



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Wall

Highland

Pavilion

Existing Trail to Remain

Bike Lane on both sides

Existing Trail to Remain

Replace Traffic Signal

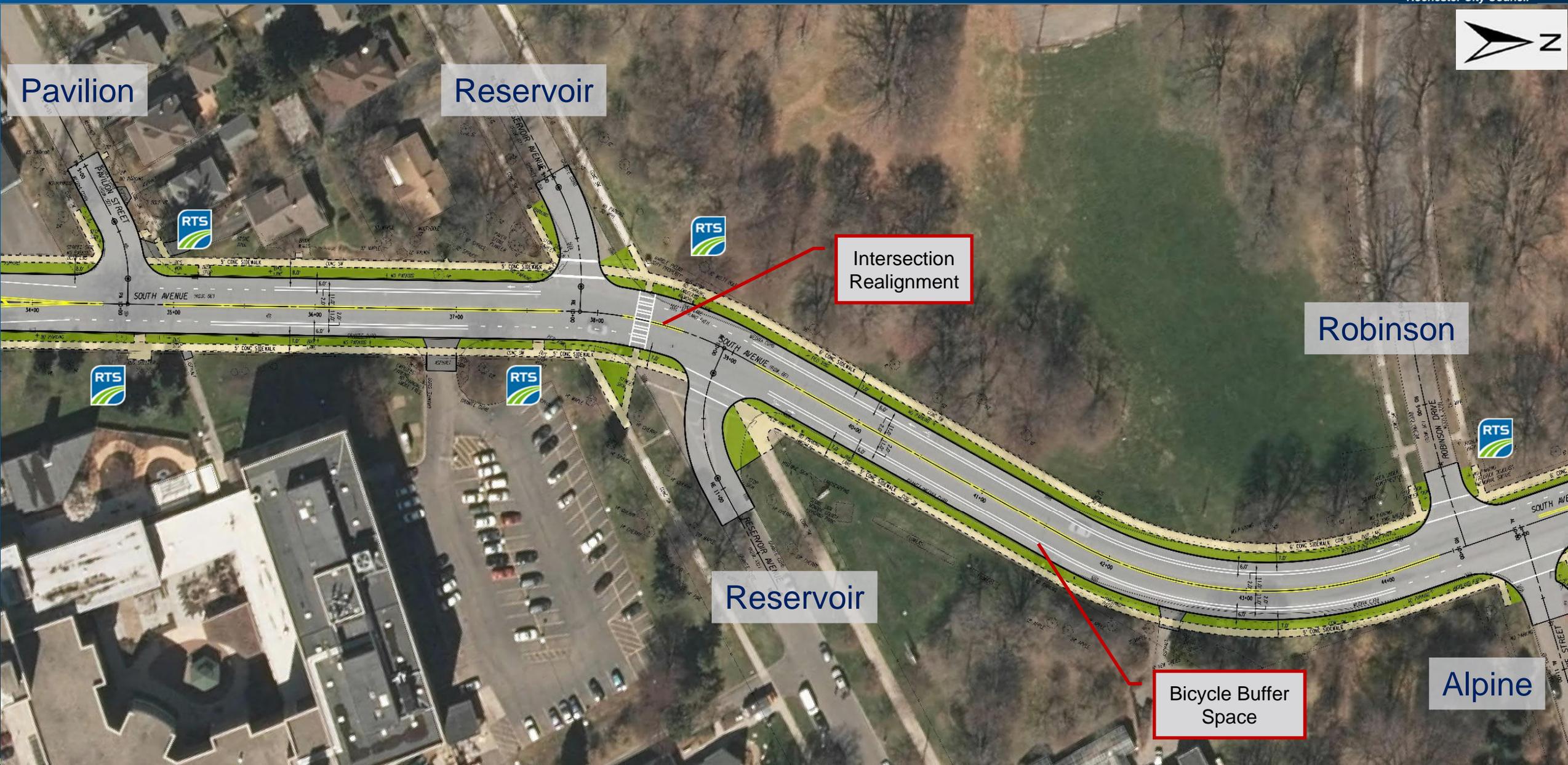


Highland

# South Avenue Roadway – 38' curb to curb width Pavilion Street to Apline Street



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Pavilion

Reservoir

Intersection Realignment

Robinson

Reservoir

Bicycle Buffer Space

Alpine

# South Avenue Roadway – 40' curb to curb width Alpine Drive to Bellevue Drive



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Robinson

End  
Reconstruction

Replace  
Traffic Signal



Parking to  
remain

Bellevue

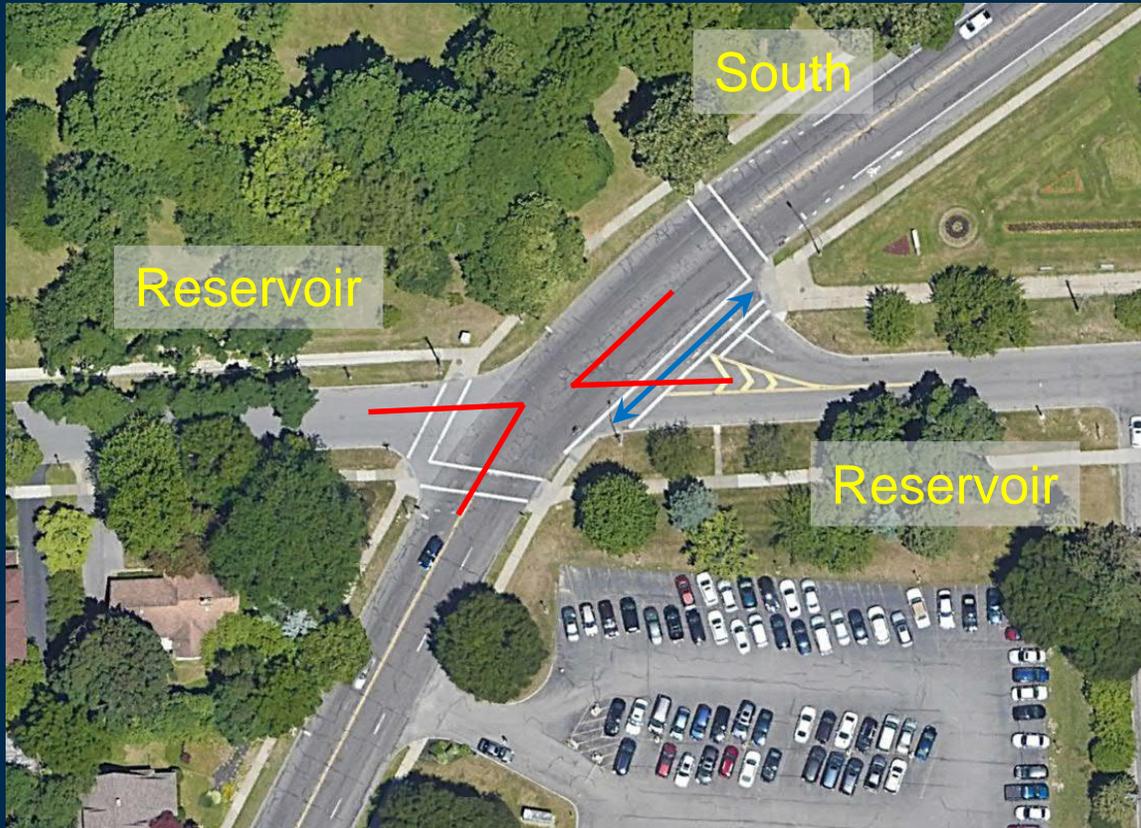
Alpine

# Conceptual Early Alternatives



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## Intersection Options – Reservoir Avenue



- ***Intersection skew***
- ***Pedestrian crossing distance***

# Conceptual Early Alternatives

## Intersection Options – Reservoir Avenue



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- **Option A:** The intersection of South and Reservoir Avenues would be modified to create **offset intersections**.
  - Pros
    - Eliminates skew angle
    - Pedestrian crossing distance for east and west legs reduced
  - Cons
    - Minor change to existing travel pattern slightly for east to west movements along Reservoir Avenue
- **Option B:** The geometry of the intersection of South and Reservoir Avenues would be modified to include a **raised island** on the east leg of the intersection.
  - Pros
    - Pedestrian crossing distance for east leg reduced
  - Cons
    - Skew angle not addressed
    - Pedestrian crossing distance for west leg not addressed
    - Two pedestrian crossings on east leg

# Conceptual Early Alternatives

## Intersection Options – Reservoir Avenue



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- **Option C:** The intersection of South and Reservoir Avenues would be modified so the east and west legs of the intersection would remain in their current locations, but the east leg would be modified to **restrict travel to one-way in the eastbound** direction.
  - Pros
    - Pedestrian crossing distance for east leg reduced
  - Cons
    - Skew angle not addressed
    - Pedestrian crossing distance for west leg not addressed
    - One-way eastbound impacts westbound travel for properties east of South Avenue
- **Option D:** This option is a combination of **Options B and C** described on previous slides.
  - **Option B:** The geometry of the intersection of South and Reservoir Avenues would be modified to include a raised island on the east leg of the intersection.
  - **Option C:** The intersection of South and Reservoir Avenues would be modified so the east and west legs of the intersection would remain in their current locations, but the east leg would be modified to restrict travel to one-way in the eastbound direction.
    - Pros
      - Pedestrian crossing distance for east leg reduced
    - Cons
      - Skew angle not addressed
      - Pedestrian crossing distance for west leg not addressed
      - Two pedestrian crossings on east leg
      - Right turn only for westbound Reservoir Avenue traffic

# Conceptual Early Alternatives

## Intersection Options – Reservoir Avenue



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### Recommended option: A

**Option A:** The intersection of South and Reservoir Avenues would be modified to create **offset intersections**.

Reason for recommendation:

- ✓ Eliminates undesirable skew angle
- ✓ Shortens pedestrian crossing distances for both the east and west legs



# Conceptual Early Alternatives



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## Parking to be REMOVED

## Elmwood Avenue to Gold Street – west side



# Conceptual Early Alternatives



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## Parking to REMAIN

## Gold Street to Wall Street – west side



# Conceptual Early Alternatives



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## Parking to REMAIN

## Alpine Street to Bellevue Drive – east side



# Conceptual Early Alternatives



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## Elmwood Avenue - Sidewalk

- Mt Hope Avenue to Rochester Psychiatric Center entrance
  - West of Mt Hope: Cycle Track
  - East of Mt Hope: Multi-Use Path
- Matches recently constructed facility east of the Rochester Psychiatric Center entrance



# Conceptual Early Alternatives



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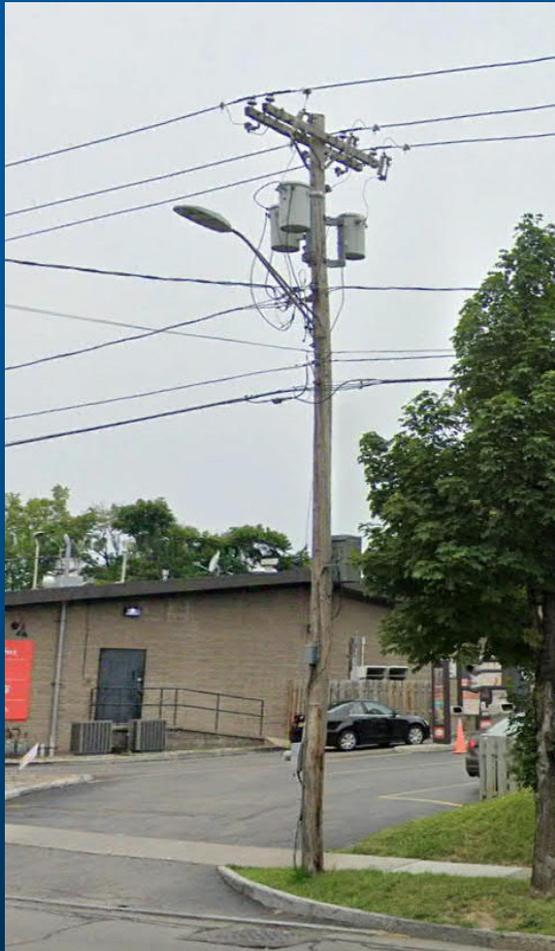
## Maintain the Highland Crossing Trail



# Existing Street Light System



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Multiple styles along corridor

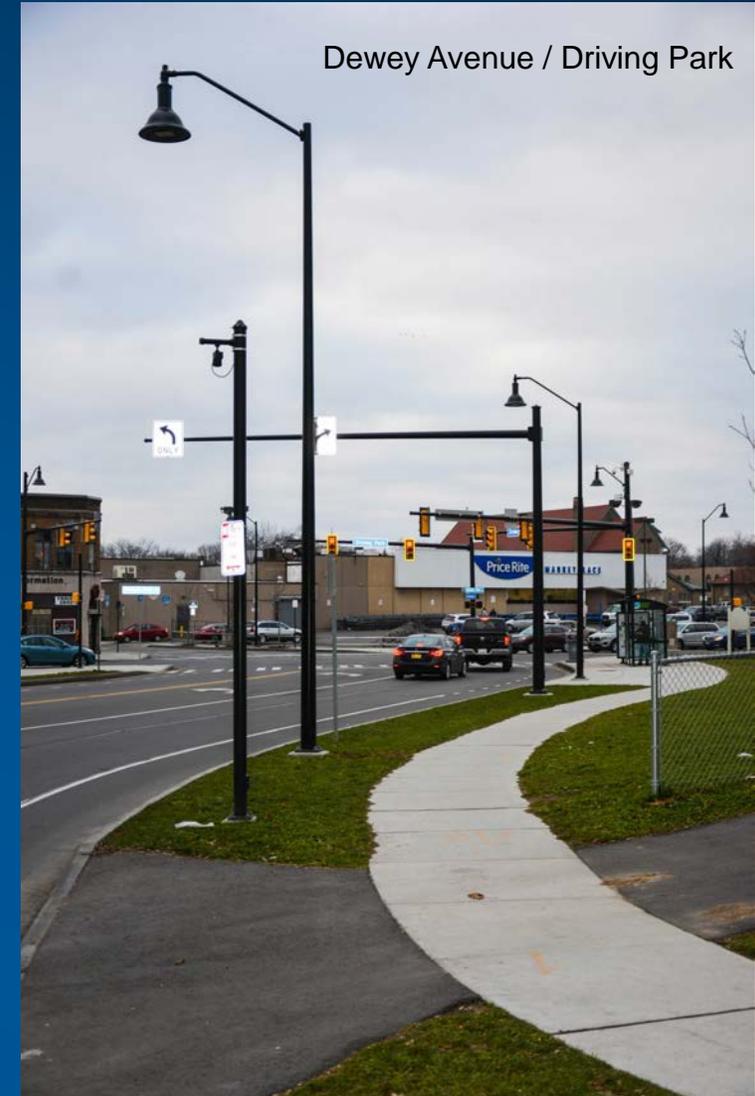
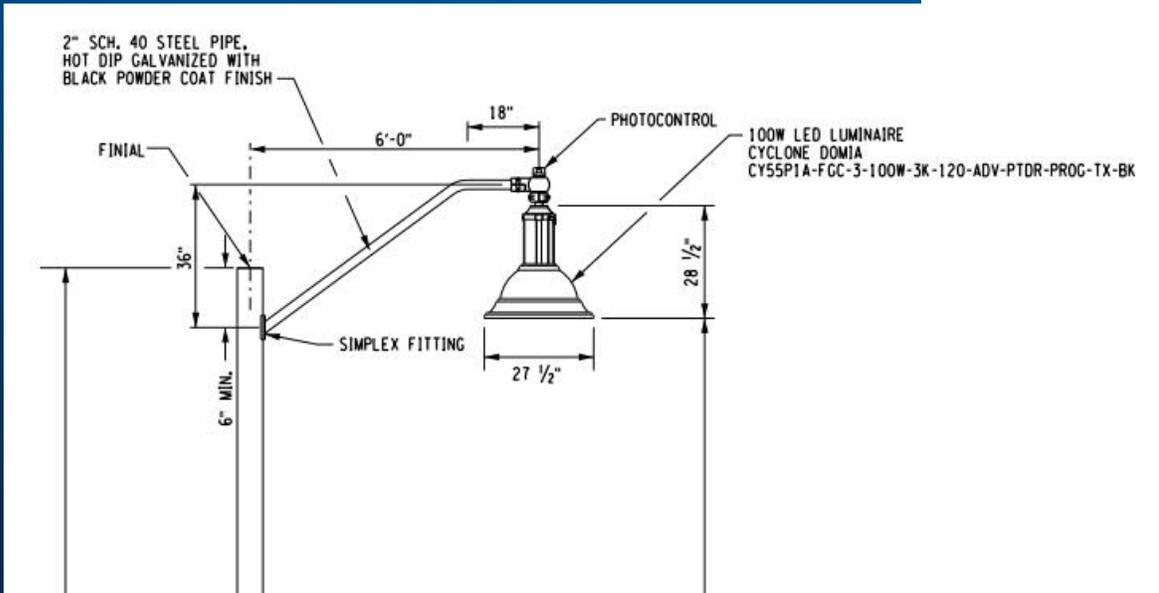
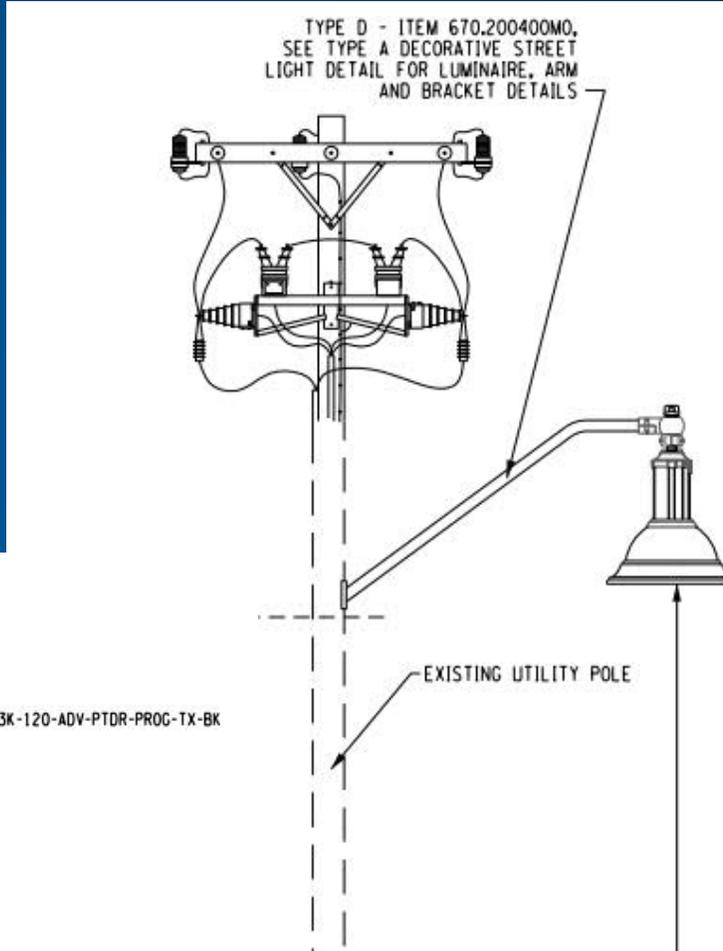
# Proposed Street Light System



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## New Light Poles

- LED light fixtures
- Provide uniform look
- Stand alone light poles
- Traffic signal pole
- Utility poles

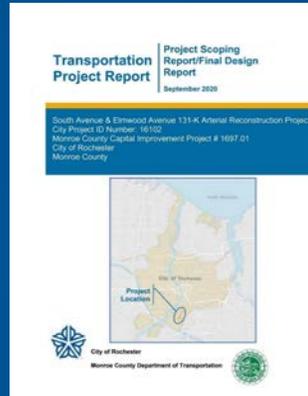


# Project Timeline

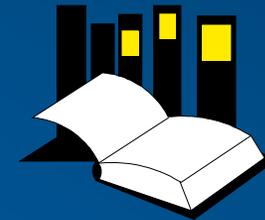


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**August  
2019**  
Kick Off



**October  
2021**  
Detailed Design Complete

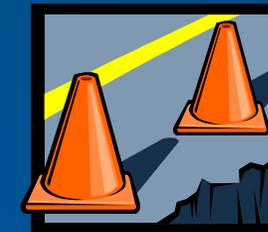


**January  
2022**  
Construction Starts

**October / November  
2020**  
Preliminary Design Complete  
/ Design Approval



**October  
2021**  
Bidding Starts



**November  
2023**  
Construction Complete

# Questions & Contacts



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On a computer, use the “raise your hand” feature to ask a question  
or

On a phone, dial \*9 to “raise your hand” to ask a question

### ADDITIONAL INFORMATION:

<https://www.cityofrochester.gov/>

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