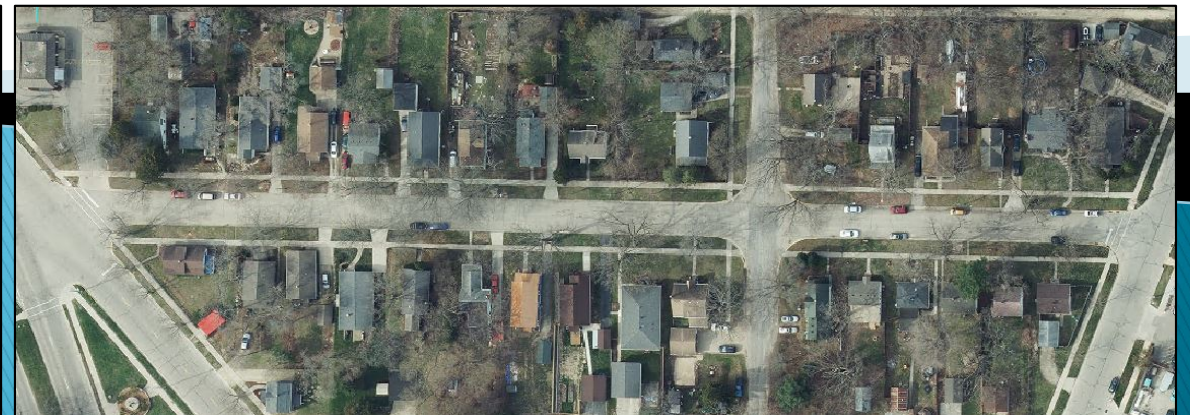
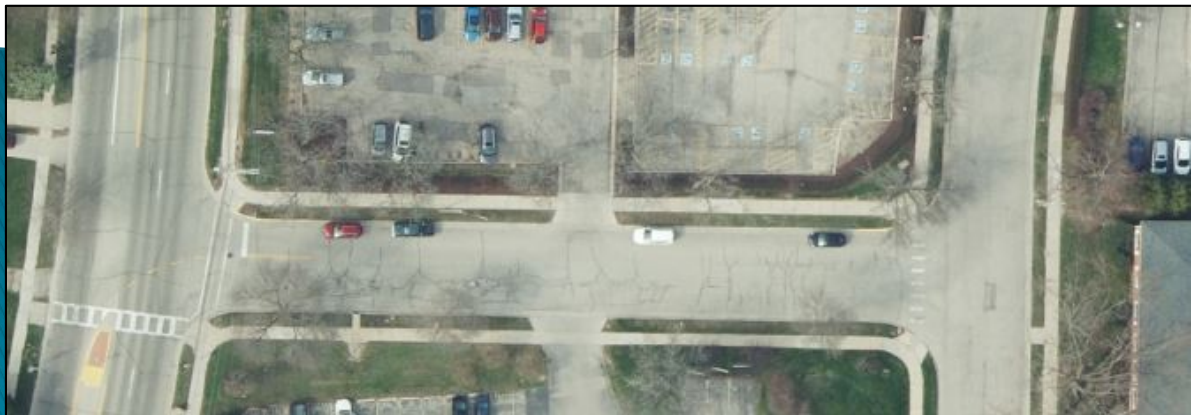




# Cedar Street & Beld Street Improvements and Cedar Street Extension to Fish Hatchery Road 2022

Public Information Meeting  
by City of Madison Engineering Division  
September 28, 2021

Presentation will begin at 6:30pm.



# Presentation Overview

## Thank You for Participating!

- ▶ Welcome (Hannah Mohelnitzky, Public Information Officer, City of Madison)
- ▶ Introduction (Alder Tag Evers, District 13; Alder Sheri Carter, District 14)
- ▶ Presentation (Andrew Zwiieg P.E.)
- ▶ Q&A (facilitated by Andrew Zwiieg)
  - Assisted by:
    - Christy Bachmann P.E., Principle Engineer, City of Madison
    - Lauren Striegl P.E., Sewer Engineer, City of Madison
    - Sean Malloy, Traffic Engineer, City of Madison



# Rules and Housekeeping Items for this Meeting

- ▶ This meeting will be recorded and posted to the City's project page.
- ▶ All attendees will be muted during the presentation.
- ▶ Use “chat” option if you are having technical issues and a staff person can try to assist.
  - Chat will be disabled once presentation starts.
- ▶ After the presentation, participants may ask questions via the “Q&A” option, verbally, or by email.
  - Please use the “Q&A” option at the bottom of the screen to type a question.
  - To ask a question verbally, click the “raise hand” option at the bottom of your screen and the host will unmute you.
  - Email a question to [azwieg@cityofmadison.com](mailto:azwieg@cityofmadison.com)

**This meeting is being recorded.**

**It is a public record subject to disclosure.**

By continuing to be in the meeting, you are consenting to being recorded and consenting to this record being released to public record requestors.



# How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner indicates "You are viewing City of Madison's screen" with a "View Options" dropdown. The main area shows a shared Microsoft Excel spreadsheet with a grid of data. A "City of Madison" window is visible in the top right corner. A "Join Audio" dialog box is open in the center, with a blue button labeled "Join Audio by Computer" highlighted by a red arrow. The bottom toolbar includes icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is located in the bottom right corner.

Recording

You are viewing City of Madison's screen View Options

City of Madison

Phone Call Computer Audio

Join Audio by Computer

Join Audio Q&A Chat Raise Hand Leave Webinar

Join audio to ensure you will be able to hear the speaker

# How to Participate

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Raise your hand to be unmuted and ask questions after the meeting

# How to Participate

The screenshot displays a Zoom webinar interface. At the top, a green banner indicates "You are viewing City of Madison's screen" with a "View Options" dropdown. The main content is a shared Microsoft Excel spreadsheet showing a calendar for 2019 and 2020. The spreadsheet has columns for months and rows for years. A "City of Madison" logo is visible in the top right corner of the shared screen. Below the spreadsheet, there are two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is centered on the screen. At the bottom, the Zoom control bar includes "Join Audio", "Q&A", "Chat", and "Raise Hand" buttons. A red arrow points to the "Q&A" button. In the bottom right corner, there is a "Leave Webinar" button.



Use Q/A if you have questions  
We will answer after the presentation



# How to Participate

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To leave the meeting click here



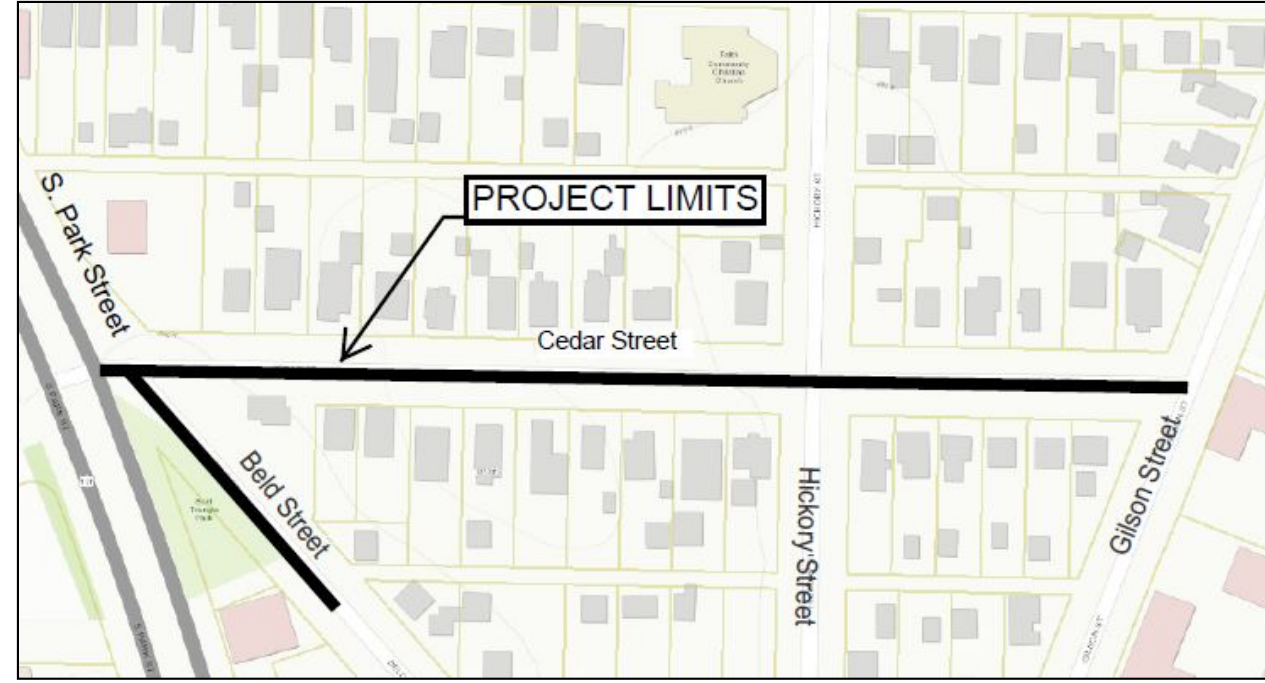
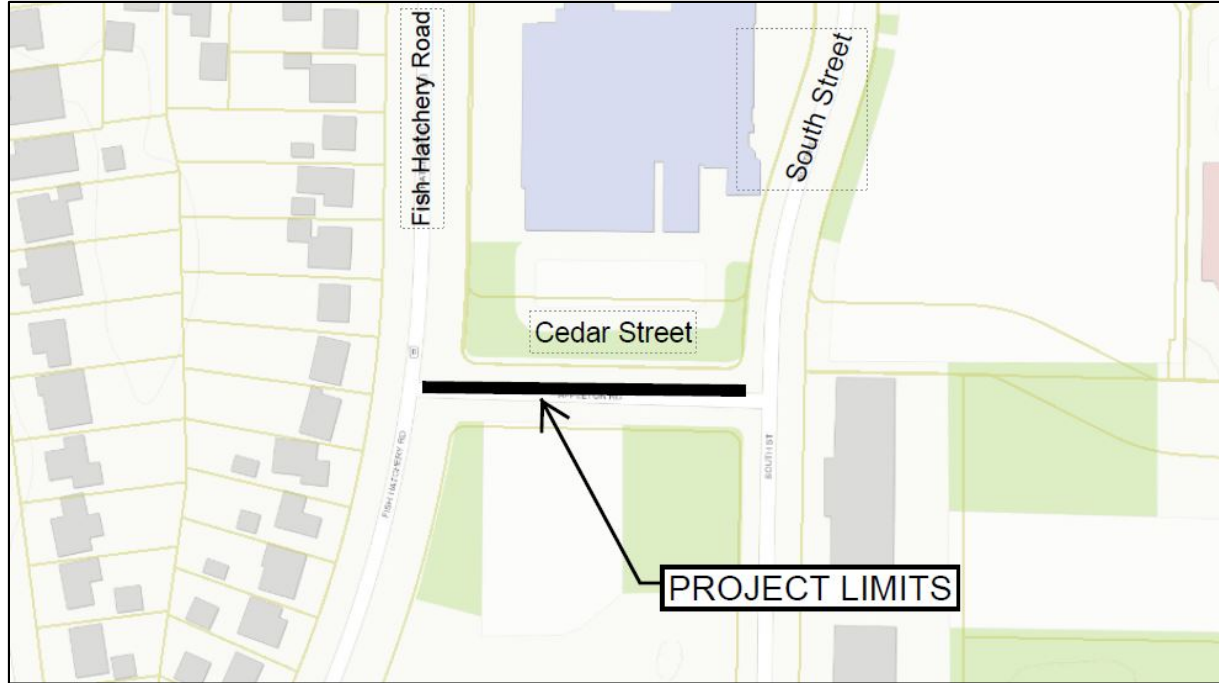


# Presentation Overview

- ▶ Project Location
- ▶ Project Scope
- ▶ Existing Conditions
- ▶ Proposed Street, Utility, & Lighting Design
- ▶ Forestry Information
- ▶ Assessments Policy & Costs
- ▶ Project Approval Schedule
- ▶ Construction Schedule
- ▶ Contact Information & Resources
- ▶ Q&A



# Project Location



# Project Scope

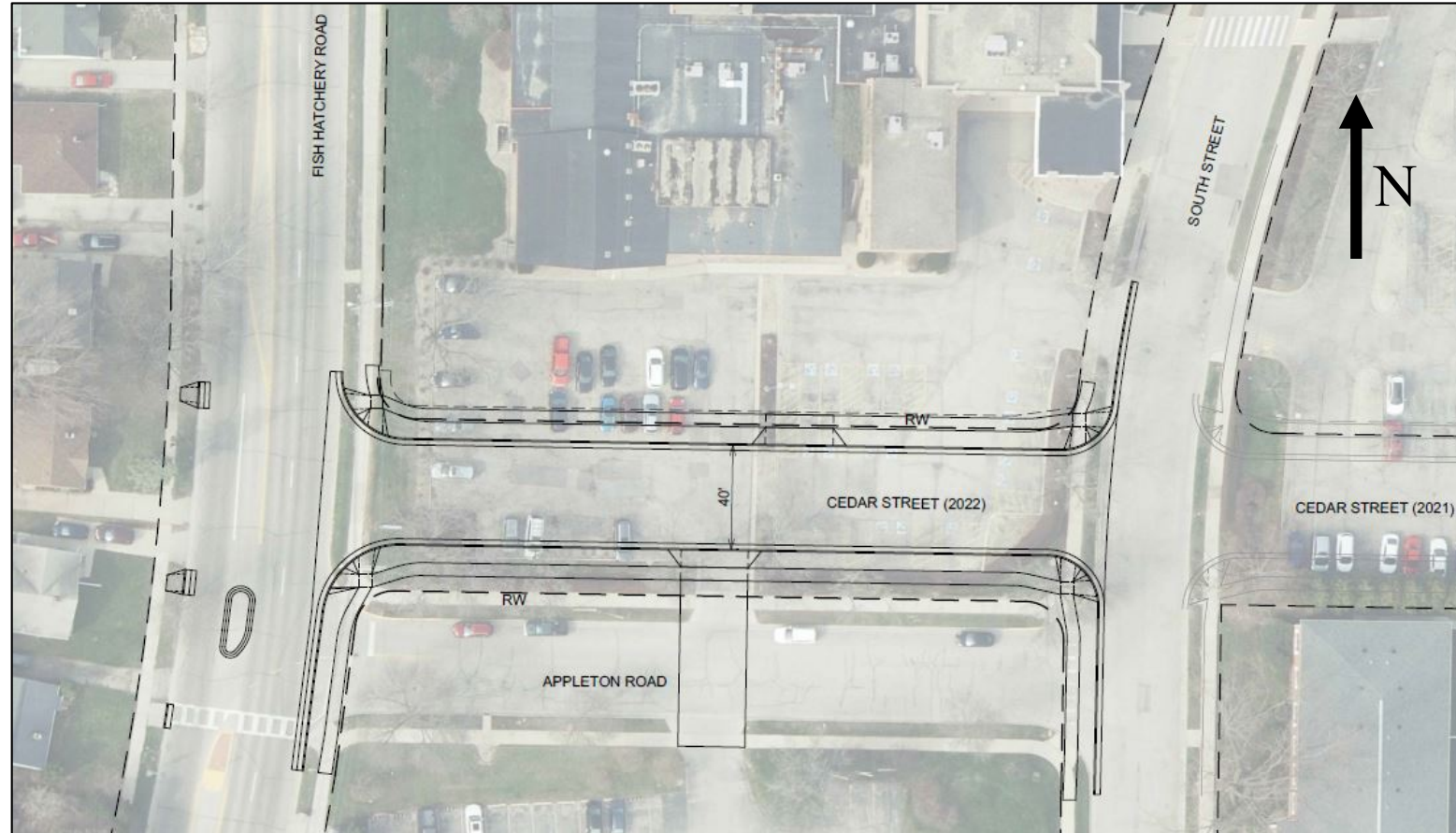
- ▶ Street reconstruction
- ▶ Install traffic calming
- ▶ Realign Cedar St & Beld St
- ▶ Replace public utilities





# Project Scope

- ▶ New street construction
- ▶ Appleton Rd to be removed



# Existing Conditions

Item	Cedar Street Existing Condition
Last Surfaced	2006 (Asphalt Seal Coat)
Pavement Surface Evaluation & Rating	3/10 – Structural Improvement Required, Over 75% of Pavement is Cracked & Deteriorated
Curb Rating	3/10
Width	30'
Surface	Asphalt
Sidewalk	Both Sides
Sanitary	6" Clay 1927 – Located in the Street
Water	6" Sand Cast Iron 1927 – Located in the Street
Storm	12" Clay 1954 – Located at Hickory Street

# Existing Conditions

Item	Beld Street Existing Condition
Last Surfaced	2009 (Asphalt Seal Coat)
Pavement Surface Evaluation & Rating	6/10 – No Structural Improvement Required, Less than 50% of Pavement is Cracked
Curb Rating	8/10
Width	40'
Surface	Asphalt
Sidewalk	Both Sides
Sanitary	8" Clay 1928 – Located in the Terrace
Water	10" Sand Cast Iron 1929 – Located in the Street
Storm	15" Clay 1939 – Located in the Terrace



# Existing Conditions

Item	Appleton Road Existing Condition
Last Surfaced	2011 (Asphalt Seal Coat)
Pavement Surface Evaluation & Rating	7/10 – No Structural Improvement Required, Less than 25% of Pavement is Cracked
Curb Rating	4/10
Width	36'
Surface	Asphalt
Sidewalk	Both Sides
Sanitary	None
Water	None
Storm	None

# Proposed Street Design

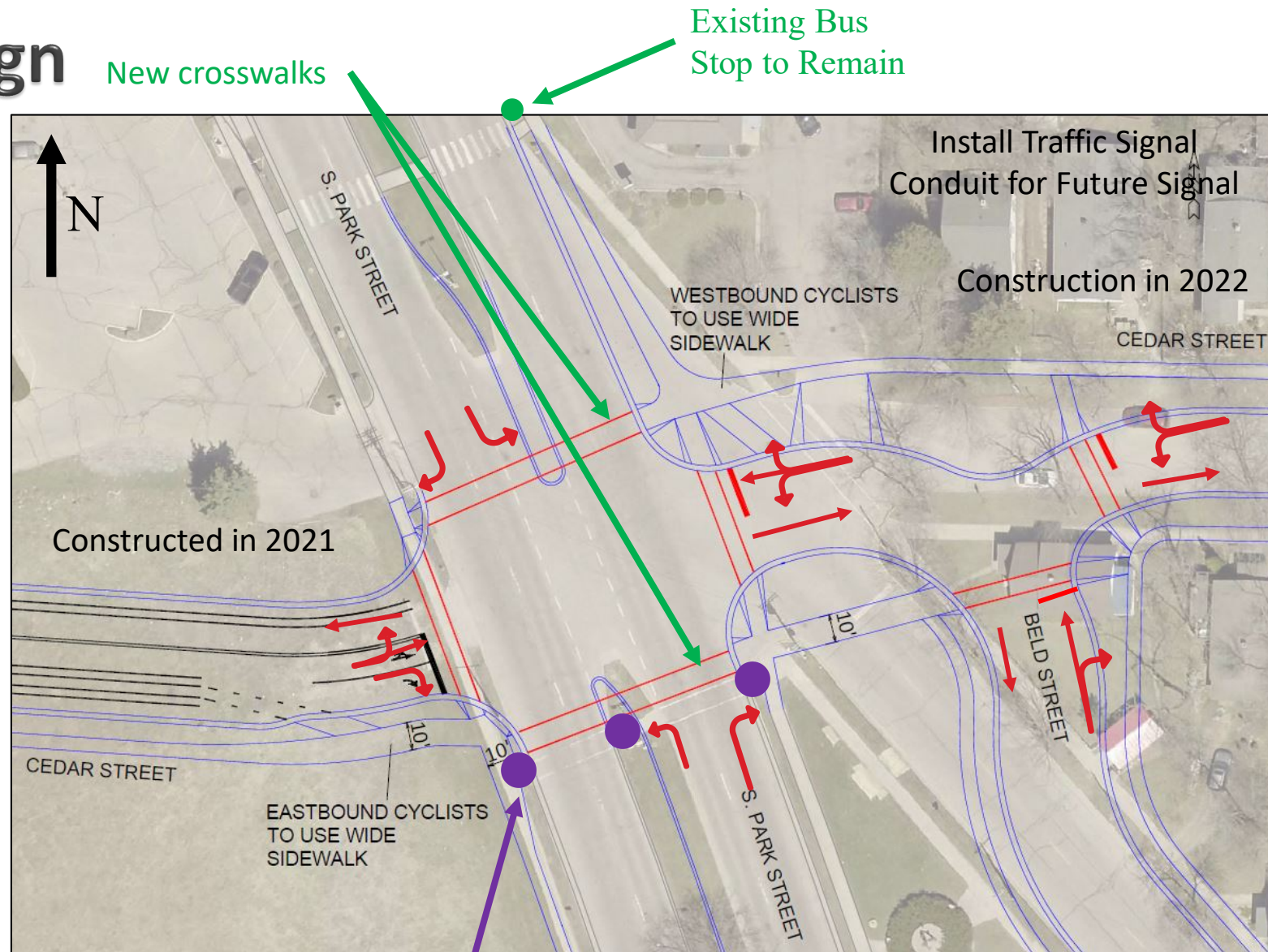
- ▶ Cedar St (S. Park St to Gilson St)
  - Replace asphalt, gravel base, curb & gutter
  - Spot replace sidewalk as needed
  - Replace concrete carriage walks
  - Replace driveways aprons with conc.
  - Install 2 speed humps
    - 614 & 613 Cedar; 506, 510, & 511 Cedar
  - Install traffic circle at Hickory int.
  - Cedar St width 30'
  - Beld St width 40'





# Proposed Street Design

- ▶ S. Park St/Beld St Intersection
  - Beld St connects directly to S. Park St
  - Existing Cedar St connects directly to Beld St
  - Demolish 1401 Beld St
  - Bicycles & pedestrians
    - Route to new crosswalks across S. Park St
  - Existing bus stop on S. Park St along coffee shop to remain
  - Install traffic signal conduit for future signal
  - Install pedestrian push button
  - New Cedar St/Beld St intersection lighting

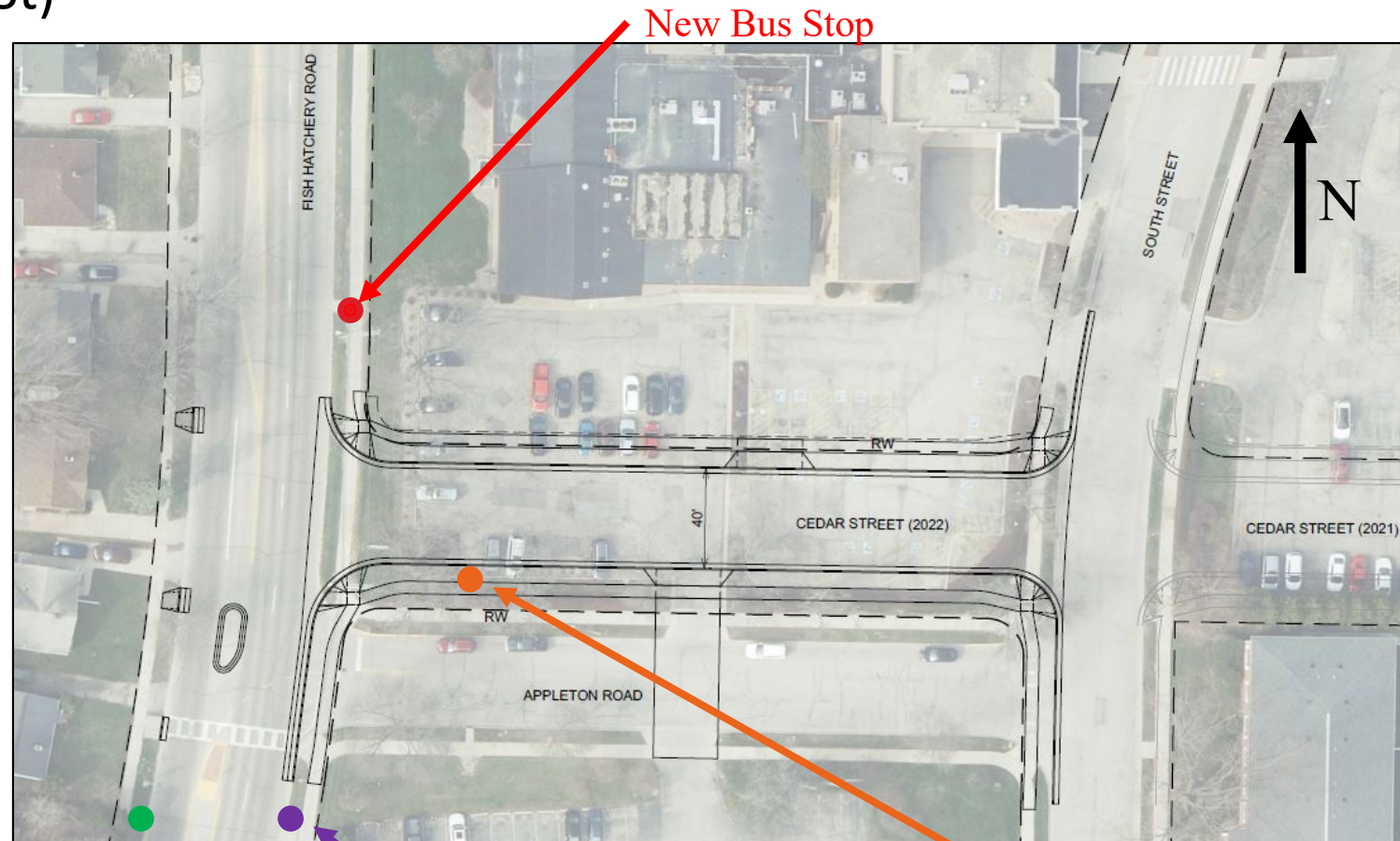




# Proposed Street Design

## ▶ Cedar St (Fish Hatchery Rd to South St)

- New asphalt pavement, gravel base, curb & gutter, sidewalk, driveway aprons
- Appleton Rd to be removed
- 40' width
- Relocate traffic island & install 2 crosswalks on Fish Hatchery Rd
- Relocate inbound bus stop on Fish Hatchery Rd
  - South side of Appleton Rd to north side of Cedar St
- Relocate outbound bus stop on Fish Hatchery Rd 10' south
- New street lighting



Existing Bus Stop to Remain,  
Relocate 10' South Away From  
Residential Driveway

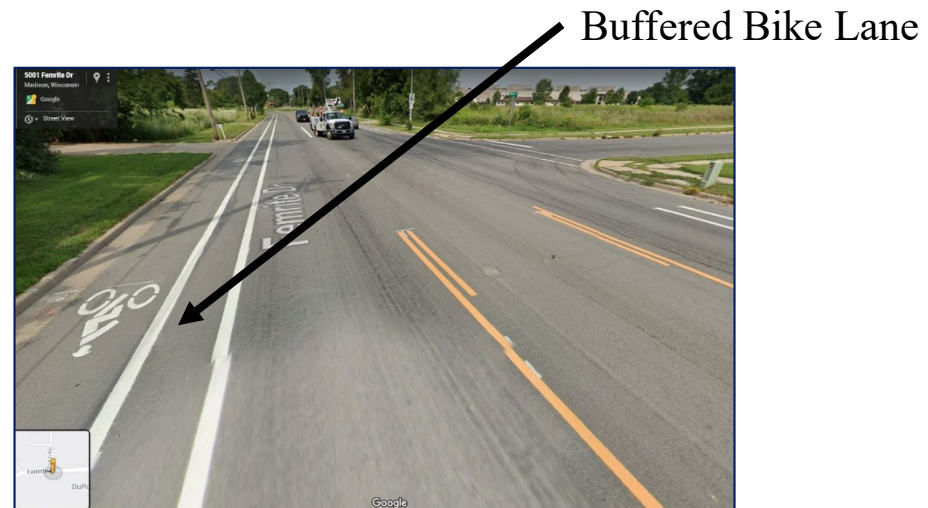
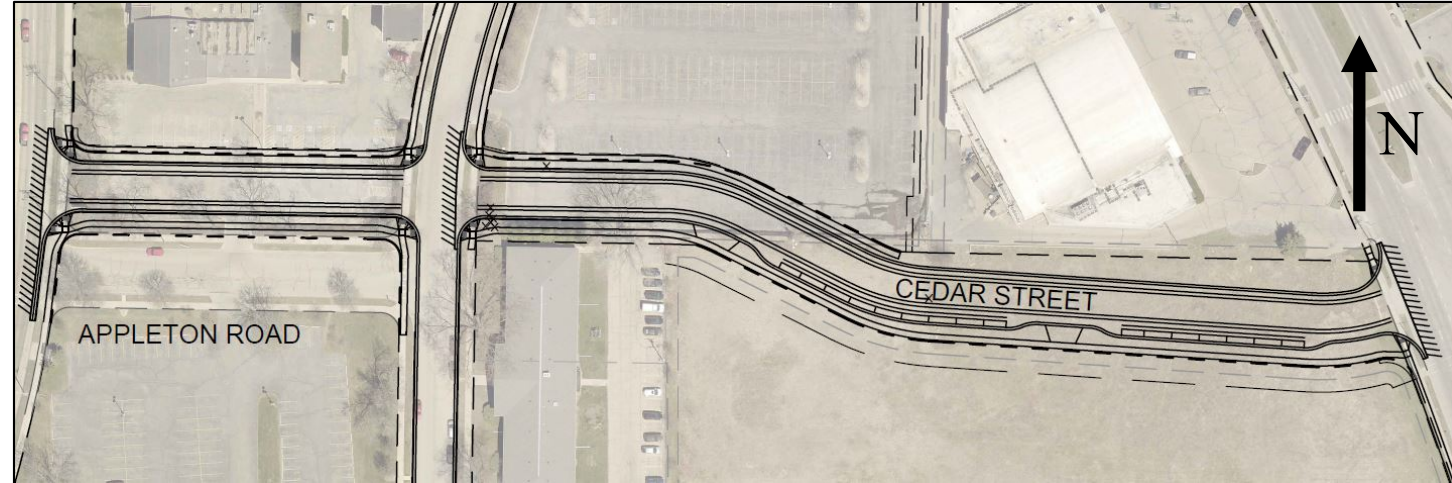
Existing Bus Stop  
to be Removed

Future Bus Stop

# Proposed Street Design

## ▶ Cedar St (Fish Hatchery Rd to South St)

- No parking
- Buffered bike lanes
  - 7' bike lane
  - 3' buffer





# Proposed Utility Design

- ▶ Cedar St (S. Park St to Gilson St)
  - Replace sanitary sewer & laterals in the street
    - 8" PVC
    - 10" PVC – Hickory St
  - Replace & improve new storm sewer system in the street & at intersections
  - Existing water main to remain
    - Relocate hydrants as needed

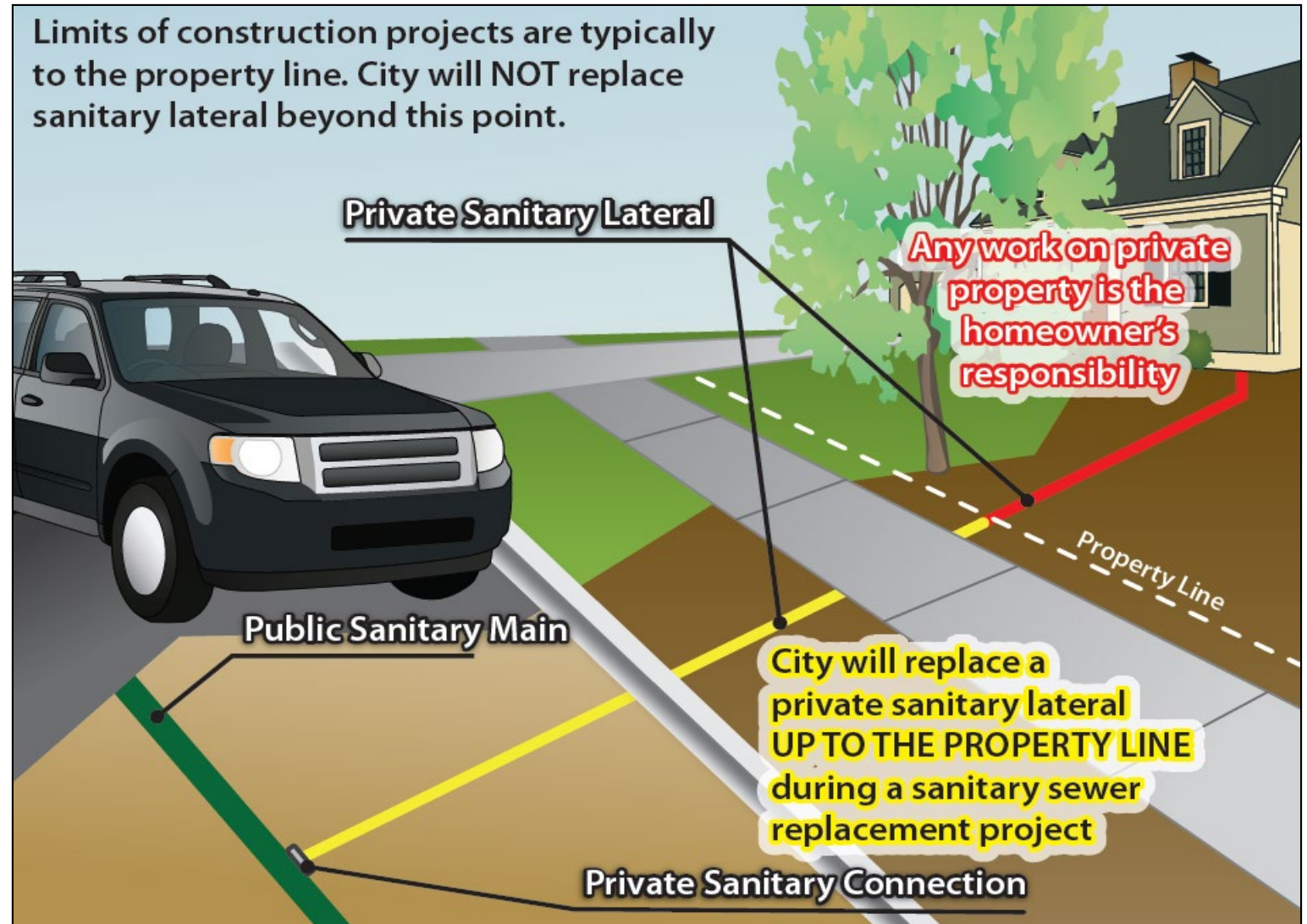




# Proposed Utility Design – Sewer Lateral

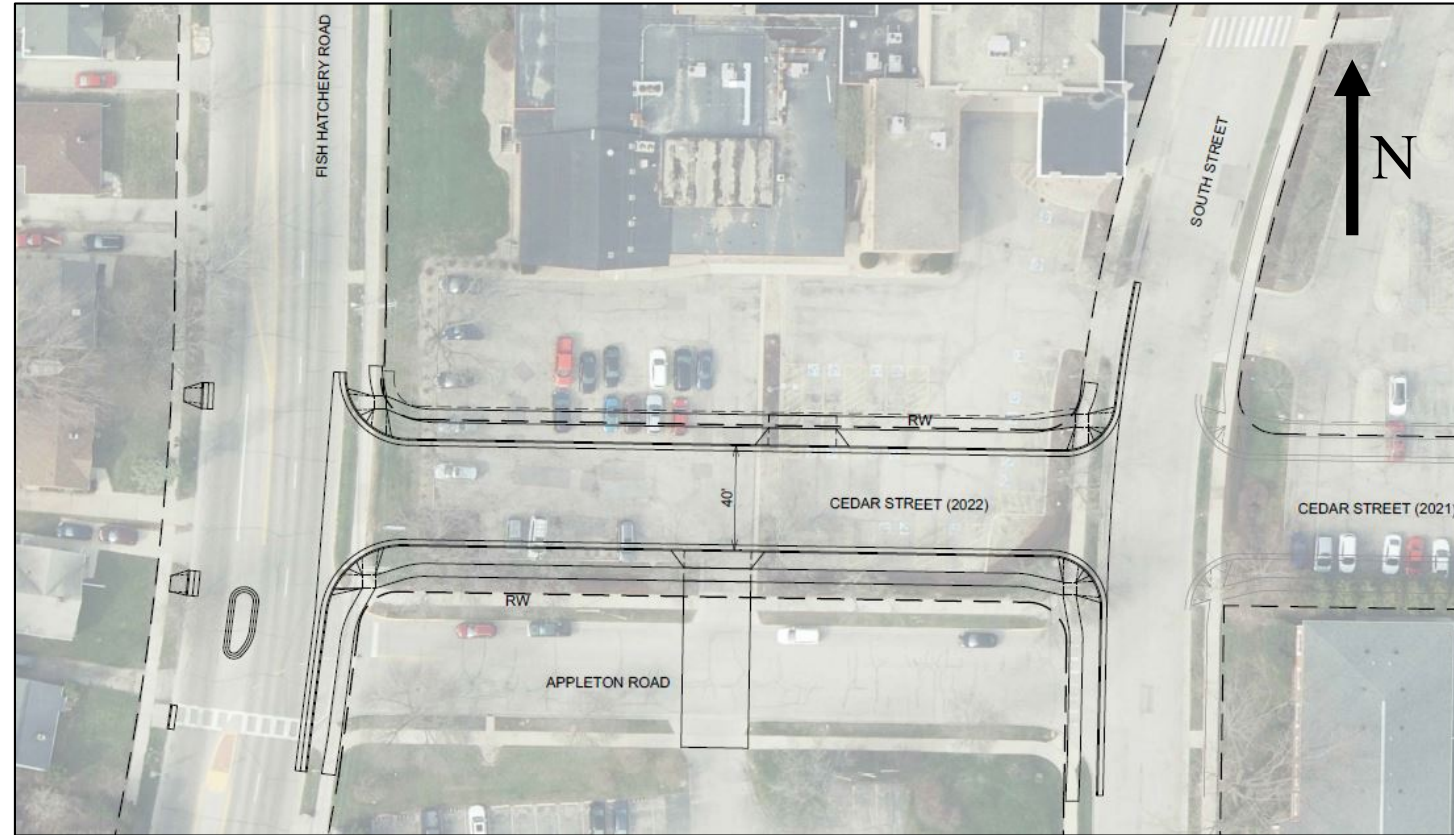
## ▶ Sanitary Sewer Lateral Installation

- Replace to property line
- Work beyond the property line is the homeowner's responsibility



# Proposed Utility Design

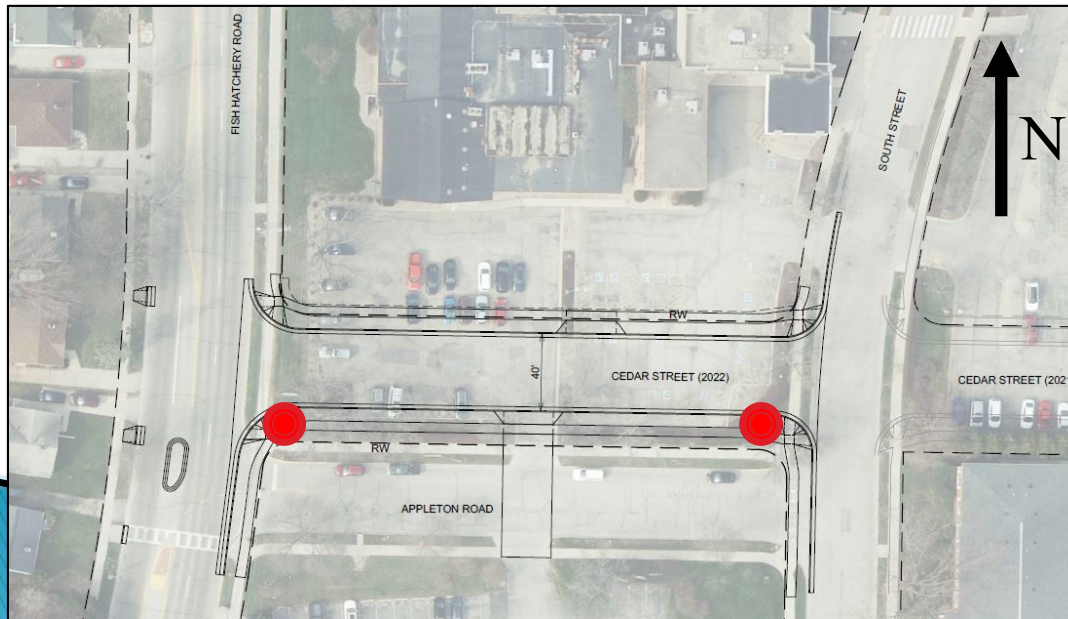
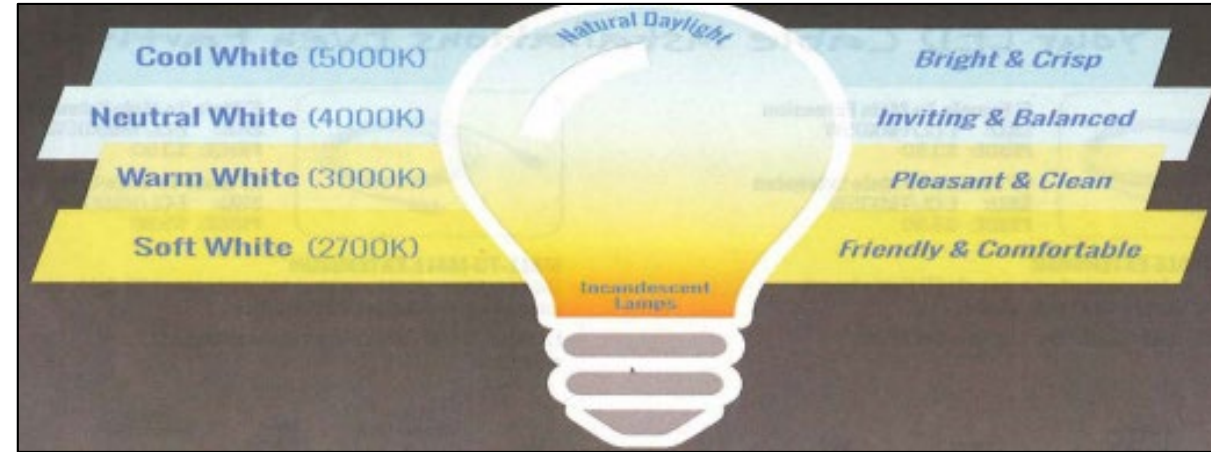
- ▶ Cedar St (Fish Hatchery Rd to South St)
  - Install new storm sewer system





# Proposed Lighting Design

- ▶ New street lighting along Cedar St (Fish Hatchery Rd to South St)
  - Owned by City
    - Concrete poles
    - Height: 25 feet
    - LED Fixtures
      - Fixture type – Green Cobra Midsize LED
      - 48 watts – 5,770 Lumens
      - Lower color temperature – 3,000K
  - Powered by Madison Gas & Electric





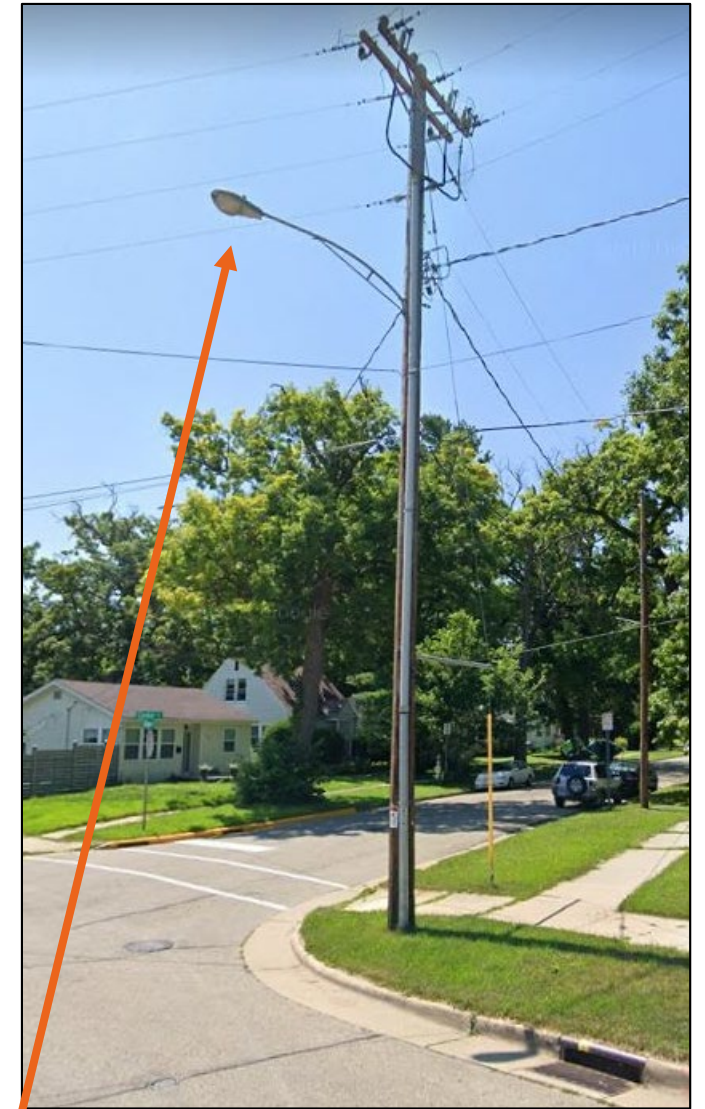
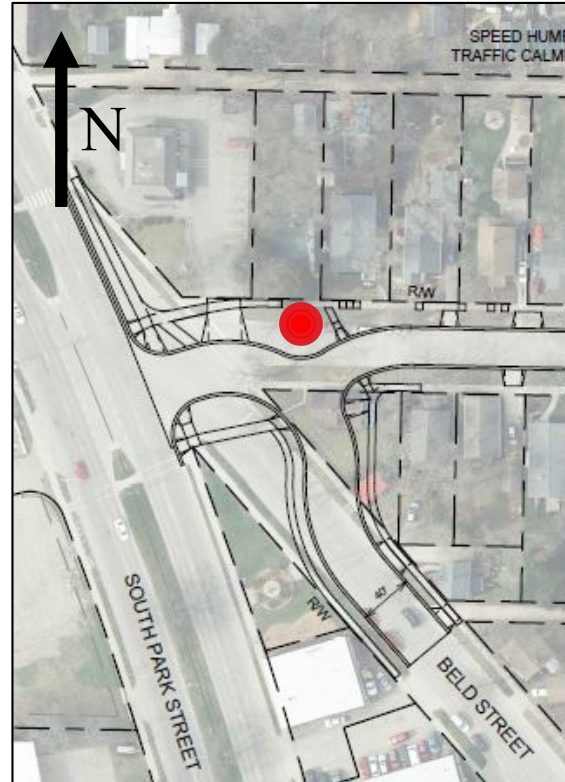
# Proposed Lighting Design

## ▶ New street light at the Cedar St & Beld St intersection

- Owned by City
  - Steel pole
  - Height: 30 feet
  - LED Fixture
    - Fixture type – Green Cobra Midsize LED
    - 48 watts – 5,770 Lumens
    - Lower color temperature – 3,000K
    - House Side Shield to limit back light

## ▶ Existing lights on Beld St and Cedar St

- To remain
  - On MG&E wood poles



Ex. MG&E Light at the Cedar St-Gilson St intersection

# Forestry Information

- ▶ City Engineering has reviewed the project with City Forestry & a Forestry rep will work with the contractor & inspector during construction
- ▶ Trees will be pruned prior to construction to provide required clearance above street
- ▶ Locations of known removals:
  - 1401 Beld St (3-Maple, 1-Ash, 1-Pine)
  - 1313 Fish Hatchery Rd (8-Trees)
- ▶ Reason for removal include:
  - Conflicts with the new street alignment
- ▶ Methods of tree protection include:
  - Adjusting curb construction methods
  - Bends & limits of work for sewer laterals
- ▶ After project completion, Forestry will evaluate terrace for potential tree planting locations

# Assessment Policy & Costs

- ▶ Special charge for work being done that has a direct benefit to the property
- ▶ Preliminary assessment mailed during design phase
  - Based on estimated prices & quantities
- ▶ Assessments can be paid in lump sum or typically over 8 years with 2% interest
- ▶ Final assessment billed after project completion
  - Based on bid prices & measured quantities
  - 2023



# Assessment Policy & Costs

Cedar St (S. Park St to Gilson St)

Item	Property Owner Share	City Share
Curb & Gutter Replacement*	50%	50%
Sidewalk Replacement	50%	50%
Driveway Apron	50%	50%
Intersection Curb & Pavement	0%	100%
Sanitary Sewer Main	0%	100%
Sanitary Laterals to Property Line	25%	75%
Storm Sewer Main	0%	100%
Private Storm Connections (if any)	100%	0%

\*Curb assessed per linear ft. of frontage

# Assessment Policy & Costs

- ▶ Approximate Cedar St (S. Park St to Gilson St) property owner costs for items
  - Driveway apron replacement approx. \$2,000 each
  - Curb & gutter replacement approx. \$25 per ft.
    - 50% discount for corner lots
  - Sidewalk replacement approx. \$7 per square ft.
  - Sewer lateral replacement approx. \$3,000 each
  - For 50' of lot frontage estimate: \$7,000
- ▶ Approximate Beld St realignment
  - Driveway apron replacement approx. \$2,000 each
  - Sewer lateral replacement approx. \$3,000 each
    - Sidewalk replacement approx. \$7 per square ft. (only when sewer lateral is replaced)
- ▶ New Cedar St (Fish Hatchery Rd to South St)
  - 100% assessable to property owner
  - Assessed all infrastructure

# Project Approval Schedule

## ▶ Approving Geometry

- October 13, 2021: Transportation Commission Approval
- November 5, 2021: Mail Estimated Assessment & Public Hearing Notice
- November 17, 2021: Approving Plans, Specifications, & Assessments; Board of Public Works Public Hearing
- December 7, 2021: Approving Plans, Specifications, & Assessments; Common Council Public Hearing



# Construction Schedule & Access

- ▶ Existing Cedar St & Beld St closed during project, local traffic only
- ▶ Residential driveways accessible for most of project but closed up to a cumulative total of 20 days, residents are notified before
  - Not accessible when contractor is working directly in front
  - Closed when curb and driveway apron installed
- ▶ Existing Cedar St & Beld St parking removed during working hours (7am-7pm) for project duration
- ▶ Existing Appleton Rd open for a portion of construction of new block of Cedar St
  - Parking will be removed at all times once construction begins
  - Anticipate 1 month closure of both to finalize Cedar St & demolish Appleton Rd
- ▶ Approximately 6 months to complete work
- ▶ December 2021: Advertise for Bids
- ▶ April 2022 – September 2022: Construction

# Construction Schedule & Access

- ▶ No disruptions to sewer service
- ▶ No planned water shutoffs
  - Emergency shut-offs possible, notify affected properties ASAP
- ▶ After construction, disturbed areas will be covered with 6 inches of topsoil, seed, & erosion mat
  - The contractor is responsible for 10 days of watering. After 10 days, it will be up to the resident to continue to water and mow in order for healthy grass to establish
- ▶ Potential opportunity for installing rain gardens with the project within the terrace (area between curb and property line) as a cost share between the City and property owner
  - Contact Carissa Wegner of City Engineering, [cwegner@cityofmadison.com](mailto:cwegner@cityofmadison.com), 261-9822 by October 12, 2021
  - City of Madison Engineering homepage has a link to rain garden information

# Construction Schedule & Access

- ▶ Existing timber, brick or stone walls behind the sidewalk will not be impacted
- ▶ Existing landscaping plantings within the terrace (between curb & sidewalk) will be impacted
  - If you wish to save any landscaping, it should be removed prior to the start of work in April of 2022
- ▶ Stone or brick pavers within the terrace you wish to save should be removed prior to construction & reinstalled by you after construction is complete





# Contact Information & Resources

- ▶ Engineering
  - Project Manager, Andrew Zwieng, 266-9219, [azwieng@cityofmadison.com](mailto:azwieng@cityofmadison.com)
  - Public Information Officer, Hannah Mohelnitzky, 669-3560, [hmoelnitzky@cityofmadison.com](mailto:hmoelnitzky@cityofmadison.com)
- ▶ Traffic Engineering
  - Traffic Designer, Sean Malloy, 266-5987, [smalloy@cityofmadison.com](mailto:smalloy@cityofmadison.com)
- ▶ Project Website: <https://www.cityofmadison.com/engineering/projects/cedar-st-south-st-high-st-w-wingra-dr>
  - Sign-up for project email updates on the website
  - A PDF of the presentation, design information, & construction progress will be posted to the project website
- ▶ Facebook – City of Madison Engineering
- ▶ Twitter – @MadisonEngr
- ▶ Everyday Engineering Podcast – search “Everyday Engineering” on Apple iTunes or GooglePlay



# Thank You for Attending!

## ▶ Questions

- Please use the **“Q&A”** option at the bottom of the screen to type a question.
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## ▶ Traffic Engineering

- Traffic Designer, Sean Malloy, 266-5987, [smalloy@cityofmadison.com](mailto:smalloy@cityofmadison.com)

## ▶ Project Website: <https://www.cityofmadison.com/engineering/projects/CedarPhase2>