



Cedar St, South St, High St, & W. Wingra Dr Construction 2021/2022

Public Information Meeting
by City of Madison Engineering Division
May 27, 2020

Presentation will begin at 6:05pm.



Presentation Overview

Thank You for Participating!

- ▶ Welcome (Andrew Zwiig P.E., Project Manager, City of Madison)
- ▶ Introduction (Alder Tag Evers, District 13)
- ▶ Presentation (Andrew Zwiig P.E.)
- ▶ Q&A (facilitated by Andrew Zwiig)
 - Assisted by:
 - Christy Bachmann P.E., Principle Engineer, City of Madison
 - Sean Malloy P.E., Traffic Engineer, City of Madison



Rules and Housekeeping Items for this Meeting

- ▶ All attendees will be **muted** during the presentation.
- ▶ Attendees will not be allowed to share their screens.
- ▶ You may use the **“raise hand”** option at the bottom if you have something that requires immediate clarification.
- ▶ Use **Chat** option if you are having technical issues. Chat will be disabled once presentation starts.
- ▶ Questions will be answered after the presentation. Please use the **“Q&A”** option at the bottom of the screen to type your question. Staff will have discretion.

How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. The main content is a shared Excel spreadsheet with a "City of Madison" window overlaid on the right. The spreadsheet shows a calendar for 2019 and 2020. In the bottom left corner, a "Join Audio" button with a headset icon is highlighted by a red arrow. In the center, a blue button labeled "Join Audio by Computer" is also highlighted by a red arrow. The bottom toolbar includes icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is visible in the bottom right corner.

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

How to Participate

The screenshot displays a Zoom webinar interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. The main content is a shared Microsoft Excel spreadsheet. The spreadsheet has a header row for the years 2019 and 2020, with columns for months from May to August. The first row is labeled "Sally" and contains data for 2019. A "City of Madison" window is partially visible on the right. Below the spreadsheet, there are two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is centered. At the bottom, the Zoom control bar includes "Join Audio", "Q&A", "Chat", "Raise Hand", and "Leave Webinar". A red arrow points to the "Raise Hand" icon.

Raise hand if you have something that requires immediate clarification

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	2019	2020														
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Sally																



Use chat if you have technical issues

How to Participate

The screenshot displays a Zoom webinar interface. At the top, a status bar indicates "You are viewing City of Madison's screen" and "View Options". The main content area shows a shared Microsoft Excel spreadsheet with a calendar view for 2019 and 2020. The spreadsheet has columns for months and rows for years. A "City of Madison" window is visible in the top right corner. In the center, there are two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is positioned below these options. At the bottom of the interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Q&A" icon. In the bottom right corner, there is a "Leave Webinar" button.



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

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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

To leave the meeting click here

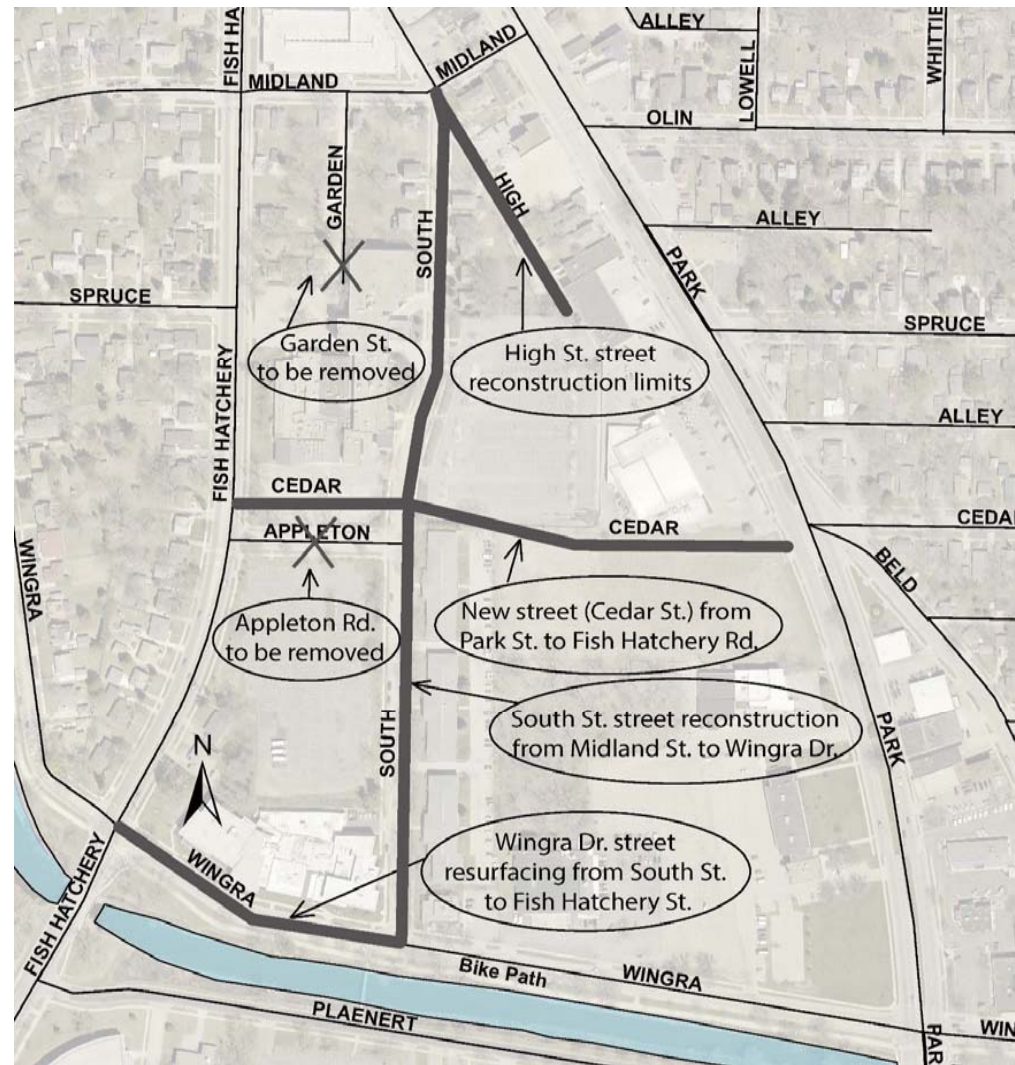


Presentation Overview

- ▶ Introduction (Alder Evers)
- ▶ Project Location
- ▶ Neighborhood Plan
- ▶ Existing Conditions
- ▶ Proposed Design
- ▶ Development Plan
- ▶ Forestry
- ▶ Construction & Access
- ▶ Assessment Policy & Breakdown
- ▶ Project Schedule
- ▶ Contact Information & Resources
- ▶ Q&A

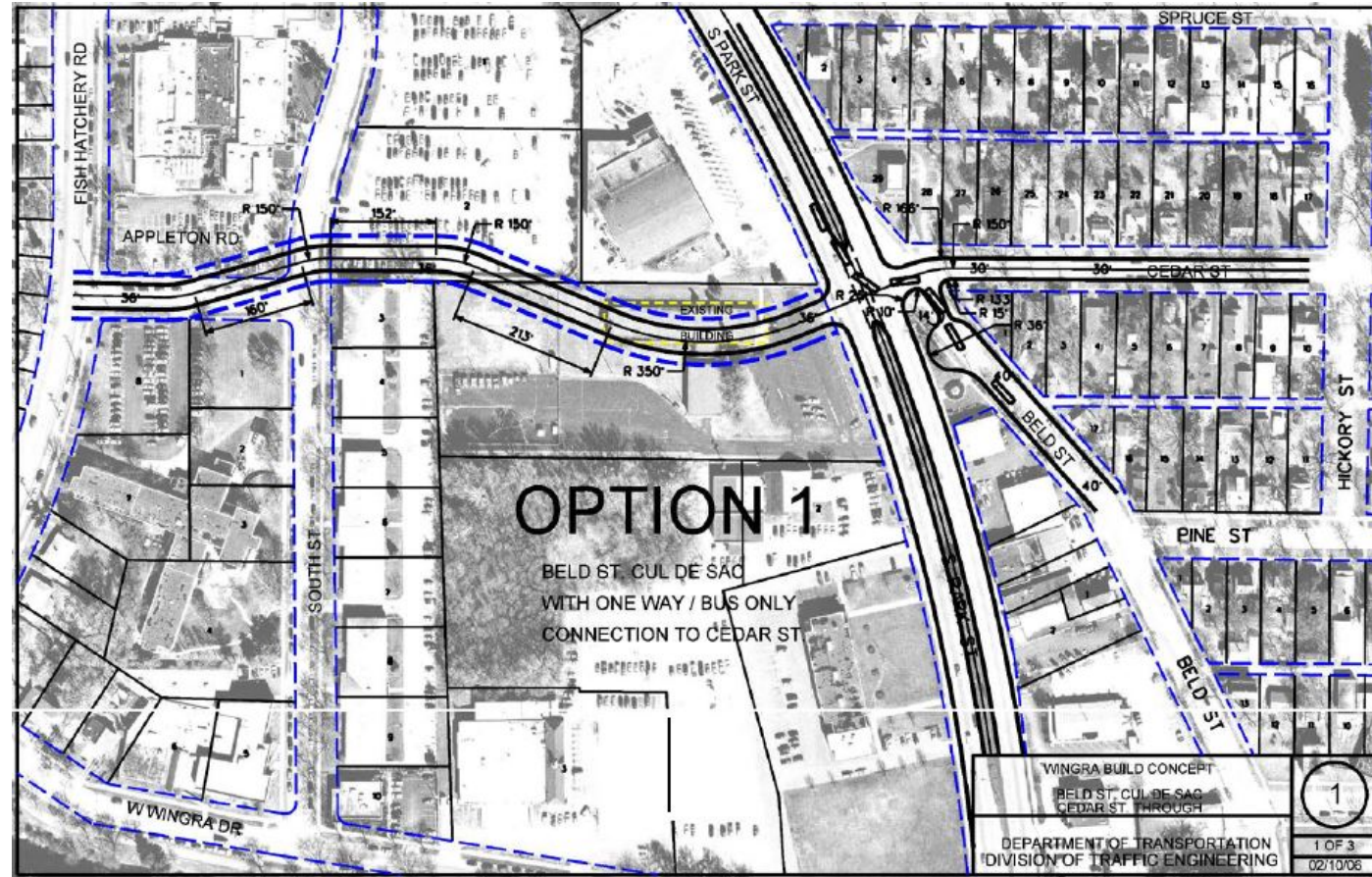


Project Location



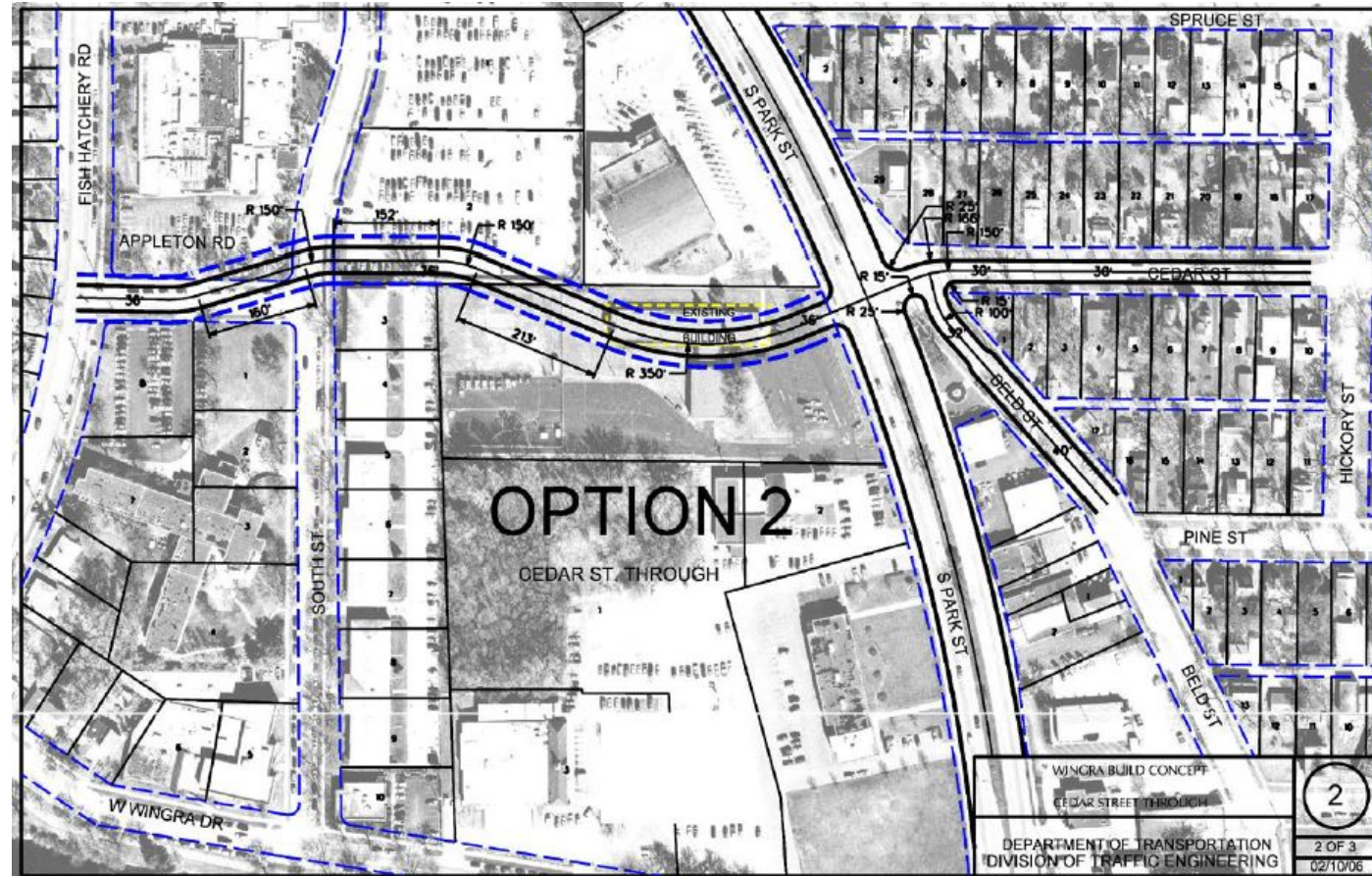
Neighborhood Plan

- ▶ Cedar St extension to Fish Hatchery Rd
 - Option 1
 - 2006 plan prepared by City Traffic Engineering
 - Islands shown on S. Park St to prevent cross traffic



Neighborhood Plan

- ▶ Cedar St extension to Fish Hatchery Rd
 - Option 2
 - 2006 plan prepared by City Traffic Engineering
 - Shown as a thru street



Existing Conditions

▶ Truman-Olson Site

- Open Field
- Formerly US Army Reserve Center
- City Owned Parcel

▶ South St

- Surface: Asphalt
- Last Surfaced: 1989
- Pavement Rating: 4/10 (poor)
- Curb Rating: 6/10
- Width: Varies 34'-36' (50'-60' R/W)
- Sidewalk: Both Sides
- Sanitary: 8" Clay 1960s
- Water Main: 6" Cast Iron 1960s
- Storm Sewer: 18" Concrete 1960s
- SSM Health
 - Clinic & Parking



Existing Conditions

- ▶ Appleton Ave
 - Last Surfaced: 2000
 - Surface: Asphalt
 - Pavement Rating: 5/10
 - Curb Rating: 7/10
 - Width: 36' (60' R/W)
 - Sidewalk: Both Sides
 - No Utilities
 - SSM Health
 - Clinic & Parking



Existing Conditions

▶ High St

- Surface: Asphalt
- Last Surfaced: 1989
- Pavement Rating: 3/10 (poor)
- Curb Rating: N/A
- Width: 22' (50' R/W)
- Sidewalk: None
- Sanitary: 6" Clay 1920s
- Park Street Businesses



Existing Conditions

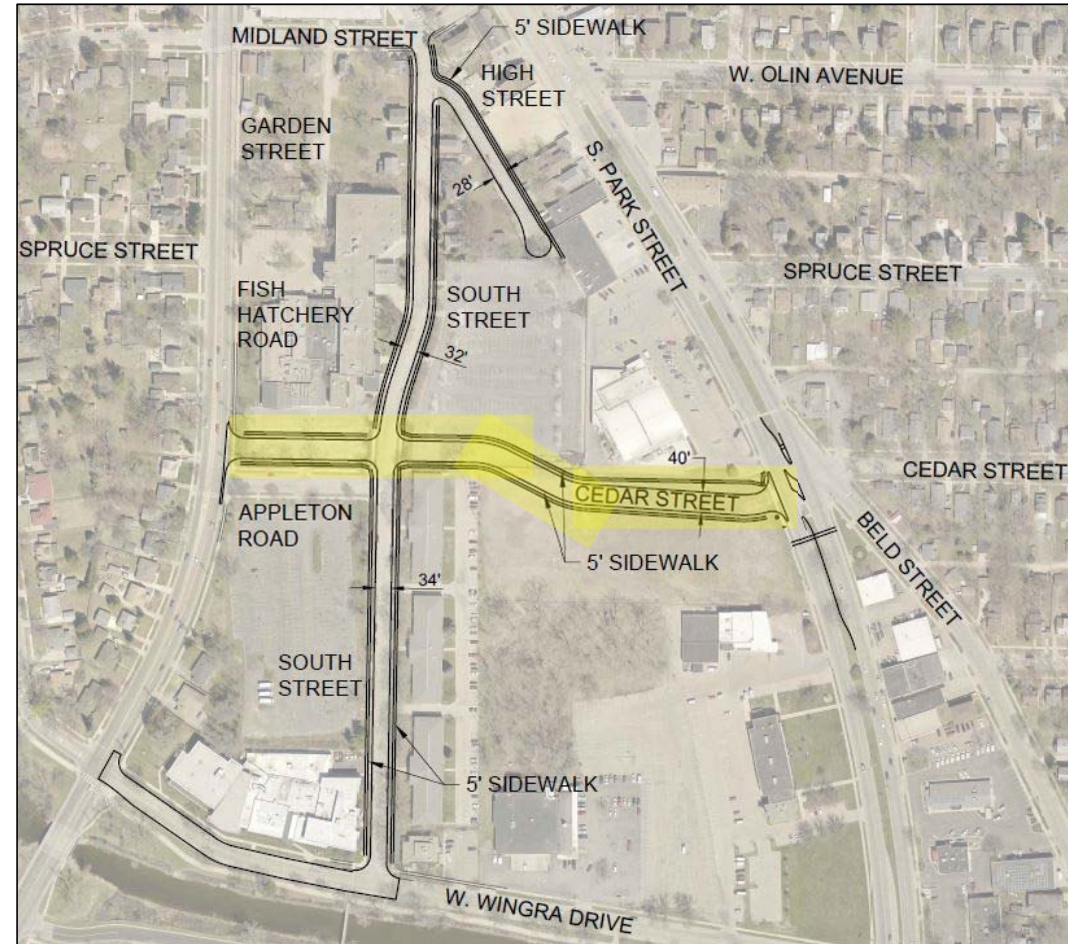
- ▶ W. Wingra Dr
 - Surface: Asphalt
 - Last Surfaced: 1993
 - Pavement Rating: 5/10
 - Curb Rating: 7/10
 - Width: 44' (66' R/W)
 - Sidewalk: One Side
 - Multi-Use Path
 - Sanitary: 8" Clay 1960s
 - Water Main: 8" Cast Iron 1960s
 - Storm Sewer: 15"-24" Concrete 2000s
 - Collector Street
 - Wingra Creek



Proposed Design

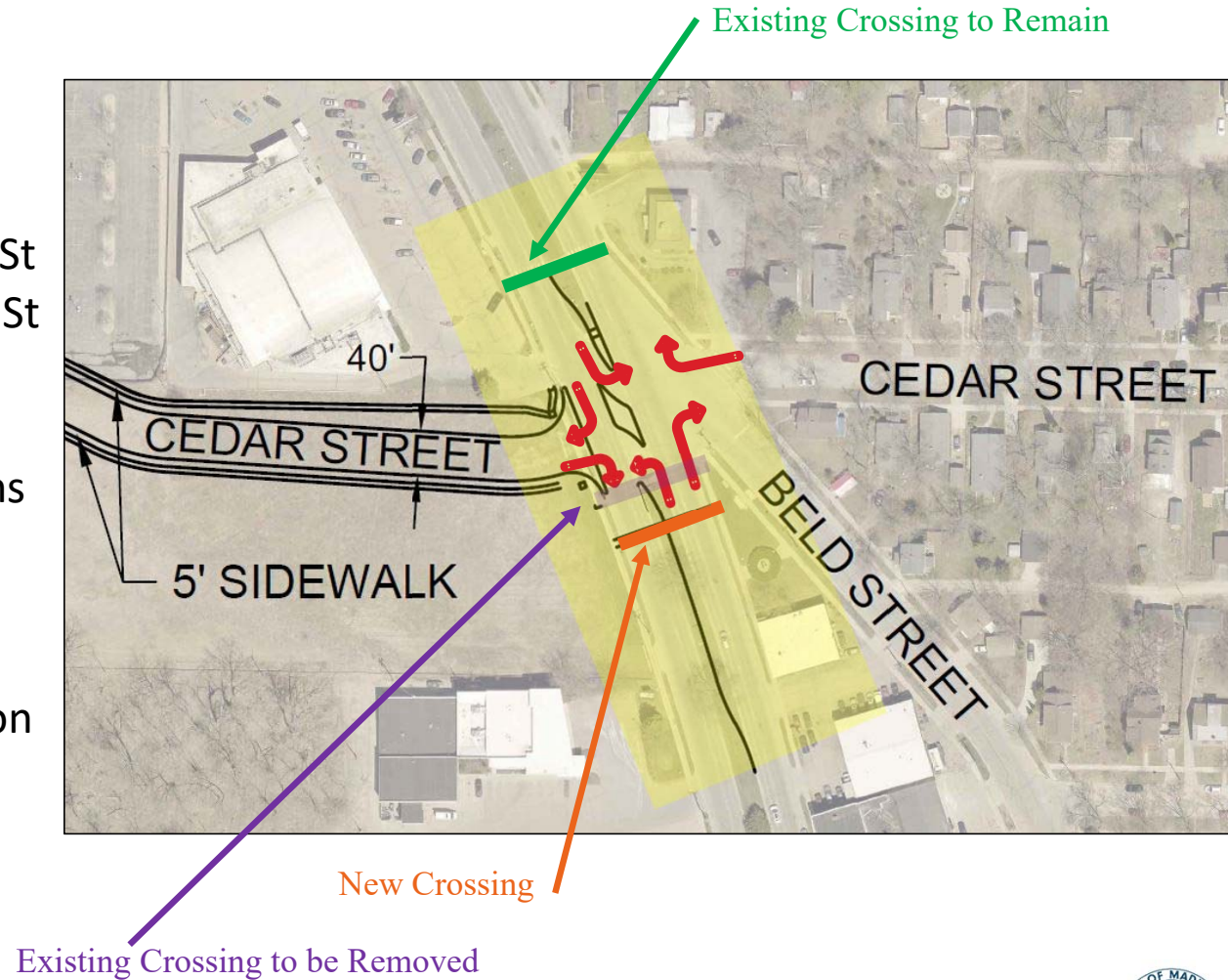
▶ Cedar St

- New Street
- Constructed within Truman-Olson site & SSM property
- Asphalt pavement, gravel base
- 6" curb & gutter
- 5' sidewalk both sides
- Width 40' (66'-85' R/W)
 - Two travel lanes
 - Two bike lanes
 - One parking lane (south side)
- Connect Fish Hatchery Rd, South St, & Park St
- Potential future transit route



Proposed Design

- ▶ S. Park St/Cedar St Intersection
 - Construct traffic islands
 - Allow right turn in and out of Cedar St
 - Allow left turn into Cedar from Park St
 - Restrict Cedar St thru movements across Park St
 - Provide safer crossing for pedestrians & bicycles
 - Install traffic signal conduit for potential future signal
 - Review location for pedestrian button
 - Cedar St/Beld St Intersection
 - Separate Project
 - Future Public Meeting
 - Reconstruction in 2022

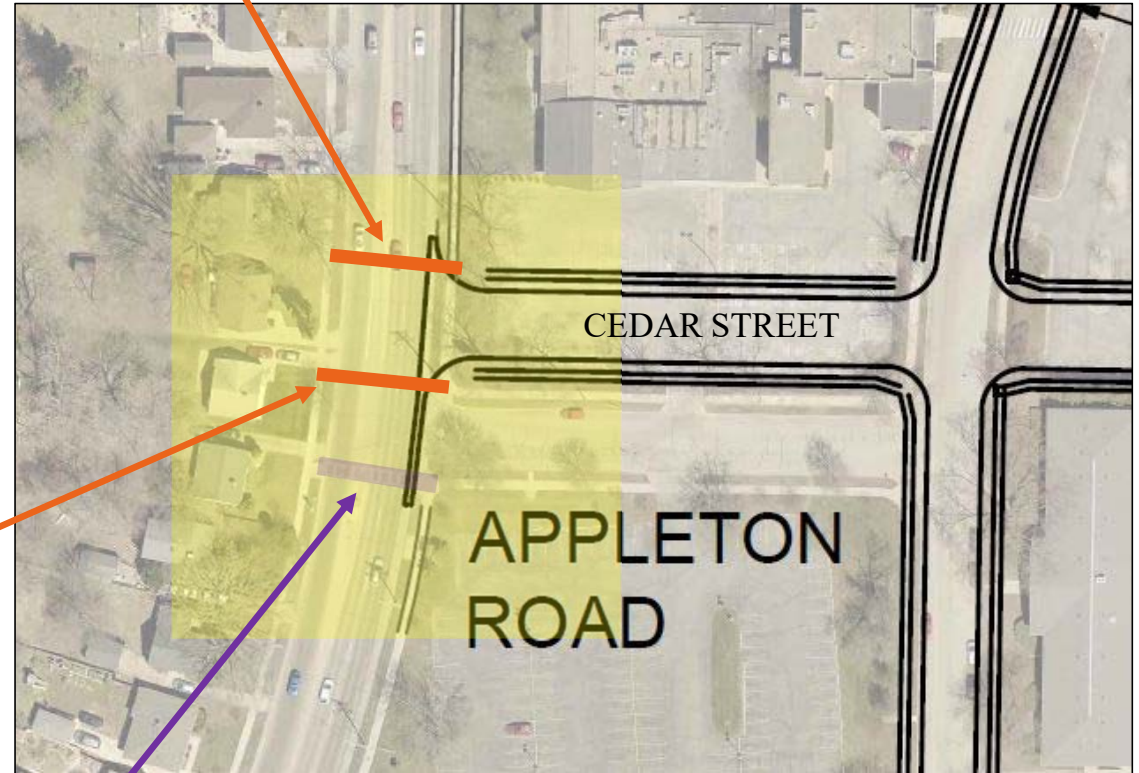


Proposed Design

▶ Fish Hatchery Rd/Cedar St Intersection

- Relocate traffic island
- Allow all vehicle movements in and out of Cedar St
- 2 crosswalks across Fish Hatchery Rd
- Appleton Rd to be removed
 - Dedicate land to SSM

New Crossing



New Traffic Island & Crossing

Existing Traffic Island & Crossing to be Removed

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Proposed Design

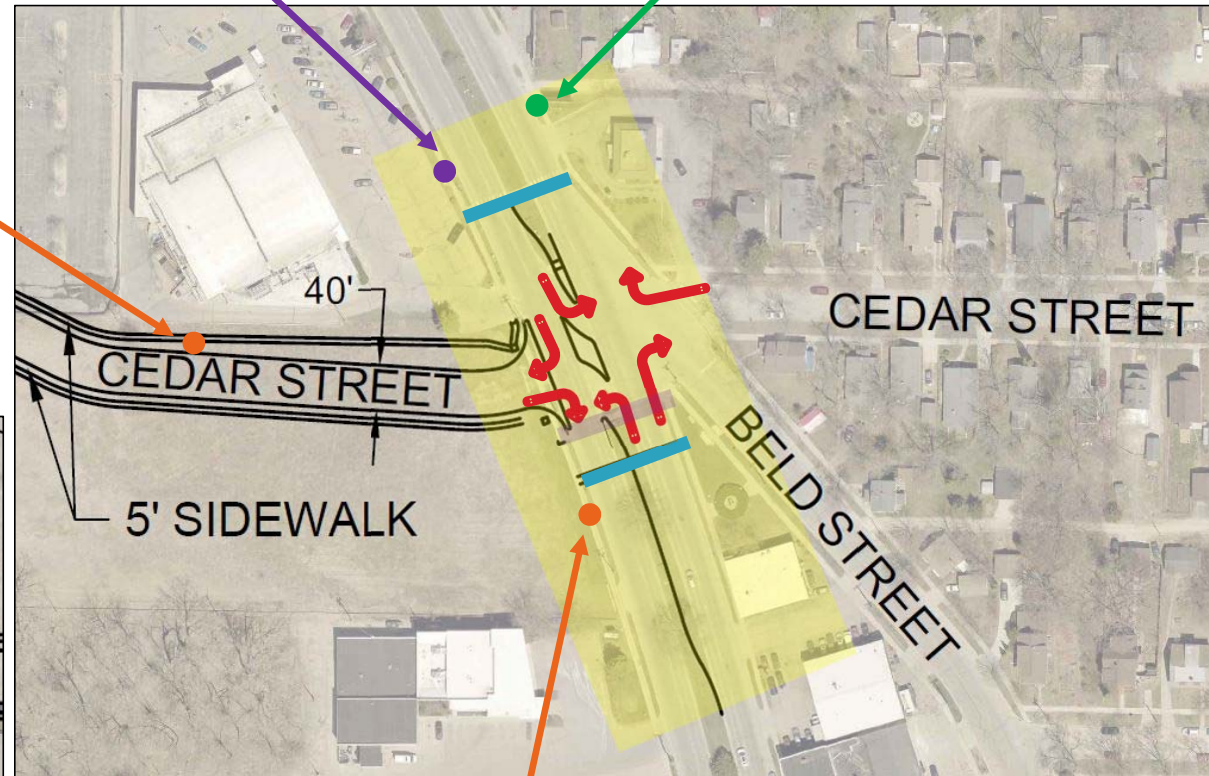
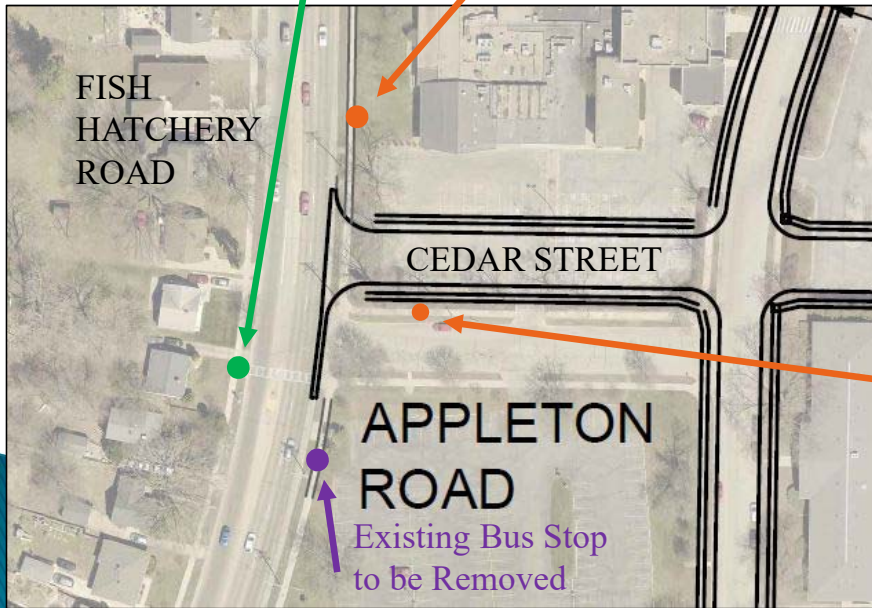
- ▶ S. Park St/Cedar St & Fish Hatchery Rd/Cedar St Intersection
 - Bus stops

Existing Bus Stop to Remain

New Bus Stop

Existing Bus Stop to be Removed

Existing Bus Stop to Remain



New Bus Stop

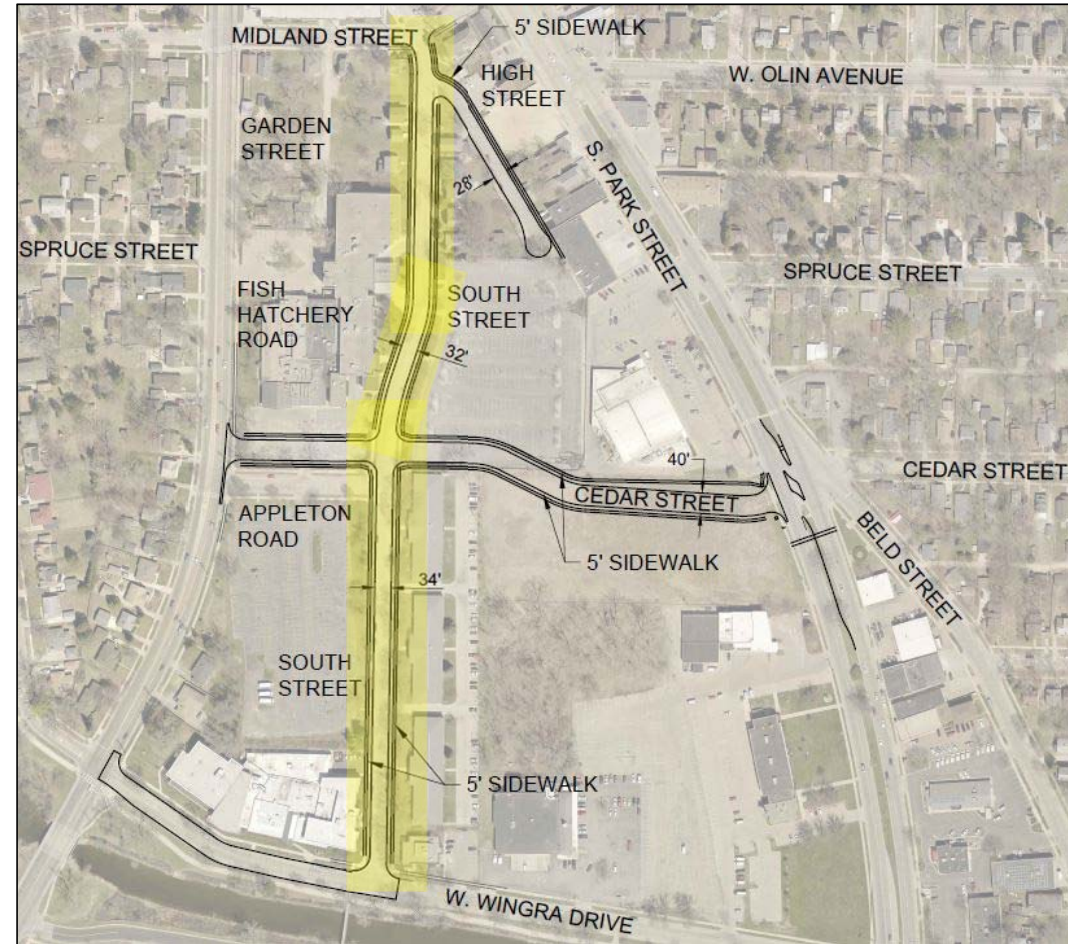
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Proposed Design

▶ South St

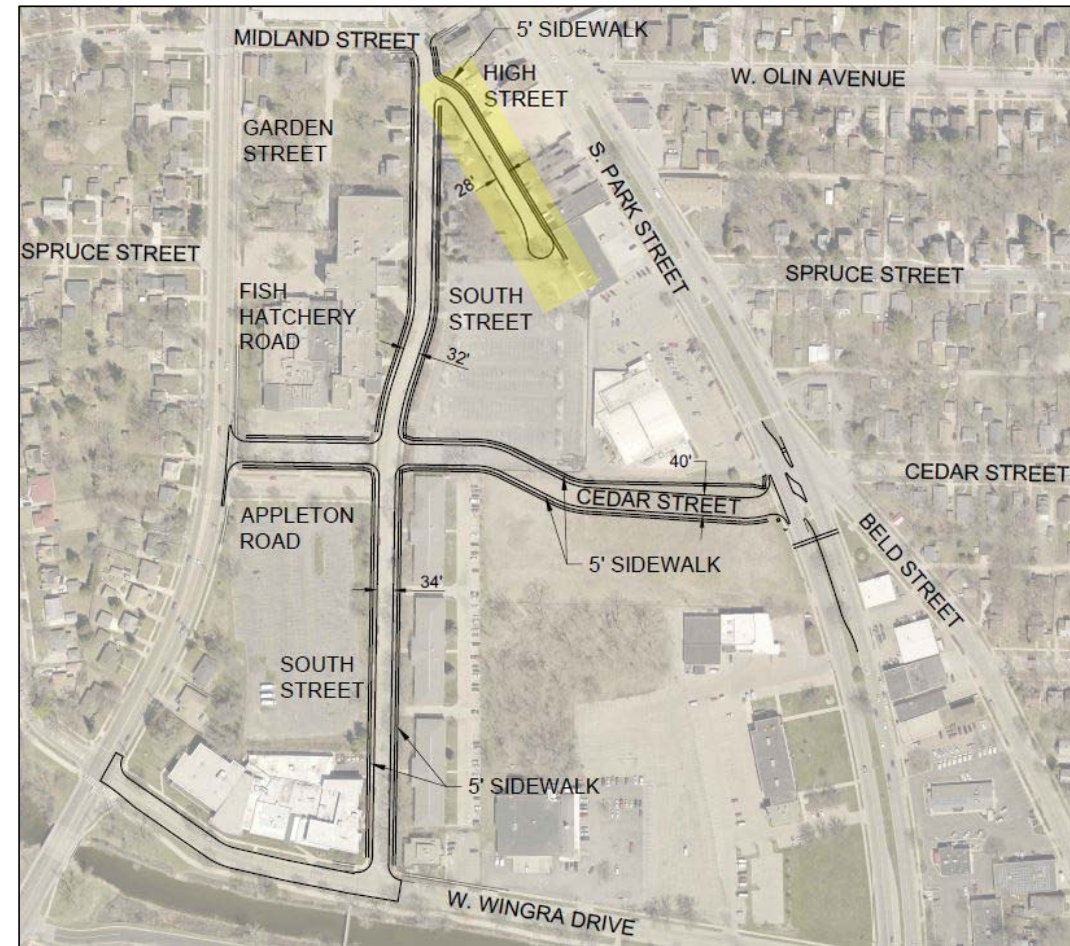
- Reconstruction
- Replace asphalt pavement, gravel base, 6" curb & gutter
- Replace sidewalk as needed
- Width 32' (60' R/W)
 - North of Cedar St
 - Two travel lanes
 - One parking lane (west side)
- Width 34' (60' R/W)
 - South of Cedar St
 - Two travel lanes
 - Two parking lanes



Proposed Design

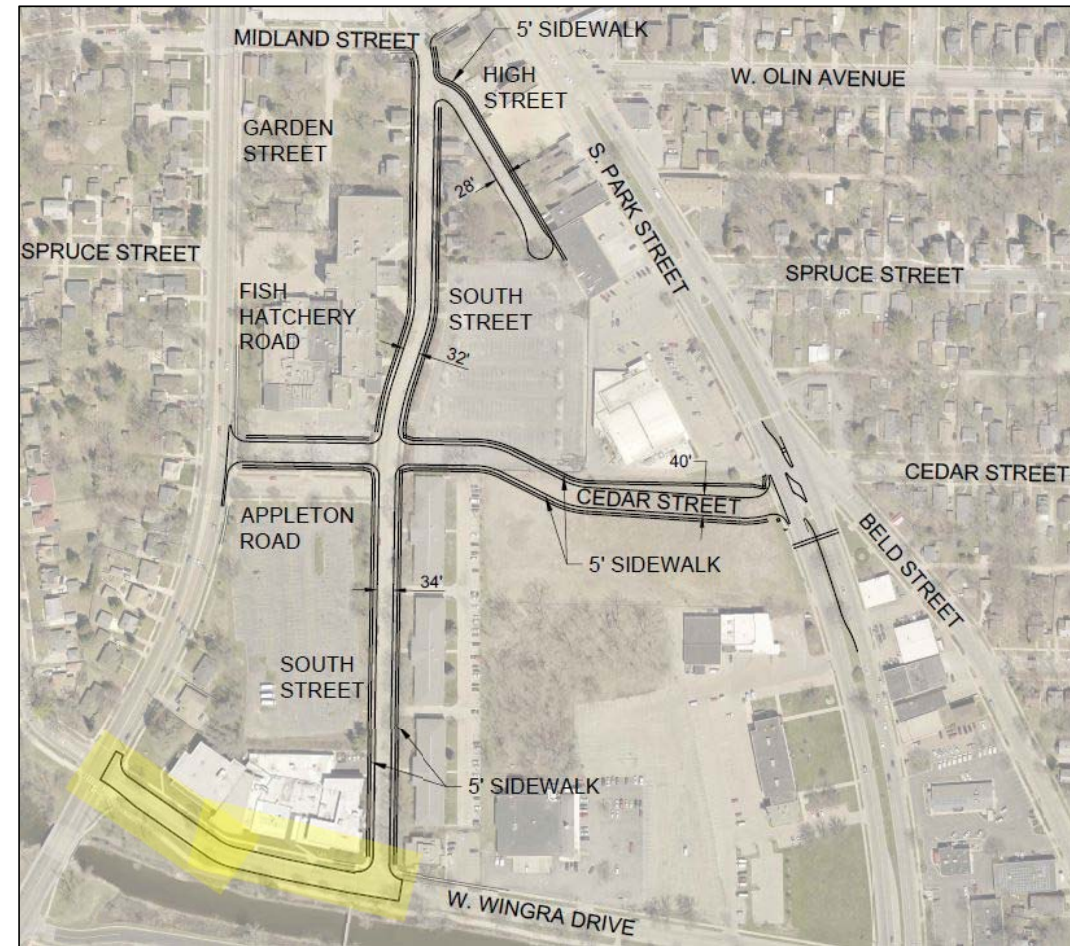
▶ High St

- Reconstruction
- Replace asphalt pavement & gravel base
- Add 6" curb & gutter
- Add 5' sidewalk to east side
- Width 28' (50' R/W)
 - Two travel lanes
 - One parking lane (east side)



Proposed Design

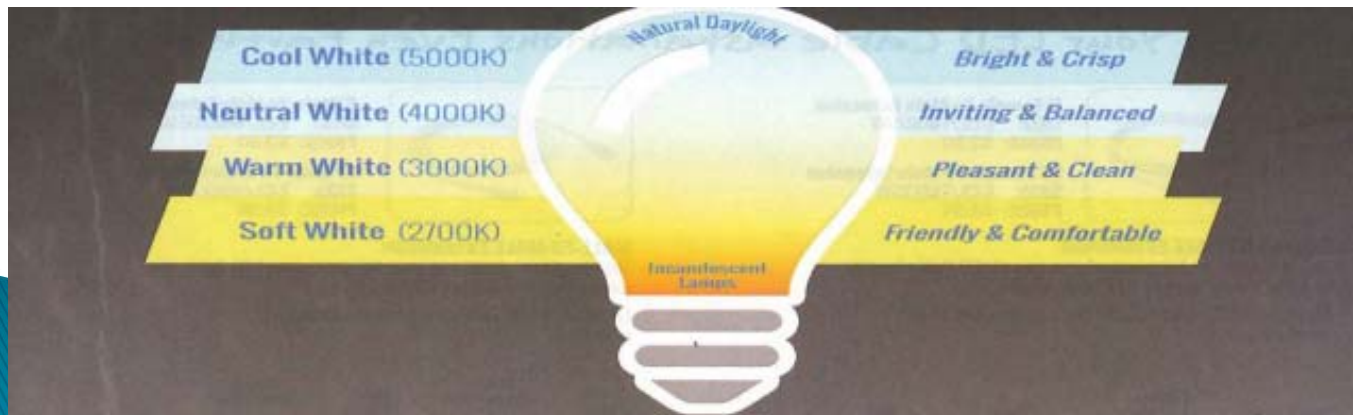
- ▶ W. Wingra Dr
 - Resurfacing w/utility replacements
 - Replace asphalt pavement & gravel base
 - Replace 6" curb & gutter & sidewalk as needed
 - Width 44' (66' R/W)
 - Two travel lanes
 - Left turn lane at Fish Hatchery
 - Two parking lanes
 - Existing multi-use path to remain



Proposed Design

▶ New street lighting along Cedar St, South St (north of Cedar St), & High St

- Owned by City
 - Concrete poles
 - Height: 25 feet
 - Spacing: 250-300 Feet
 - LED Fixtures
 - Fixture type – ComfortView Neighborhood LED
 - 29 watts – 3,295 Lumens
 - Lower color temperature – 3,000K
- Powered by Madison Gas & Electric



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Proposed Design

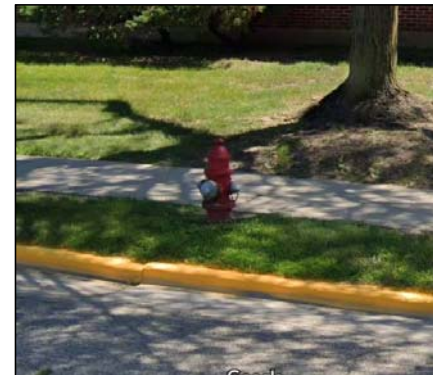
- ▶ Maintain existing street lighting along South St (south of Cedar St)
 - Owned/maintained by Madison Gas & Electric
- ▶ Maintain existing post top lights
 - Along Shenandoah Apartments
 - Owned/powerd
 - Maintained by City
- ▶ Maintain existing street lighting along W. Wingra Dr (Fish Hatchery Rd to South St)
 - Owned/maintained by City
 - Powered by Madison Has & Electric



Proposed Design

▶ Proposed Utility Improvements

- Cedar St
 - New Sanitary Sewer
- South St
 - Replace Sanitary Sewer, Laterals, & Water Main
 - New Storm Sewer
- High St
 - Replace Sanitary Sewer, Laterals, & Storm Sewer
- W. Wingra Dr
 - Replace Sanitary Sewer, Laterals, & Water Main

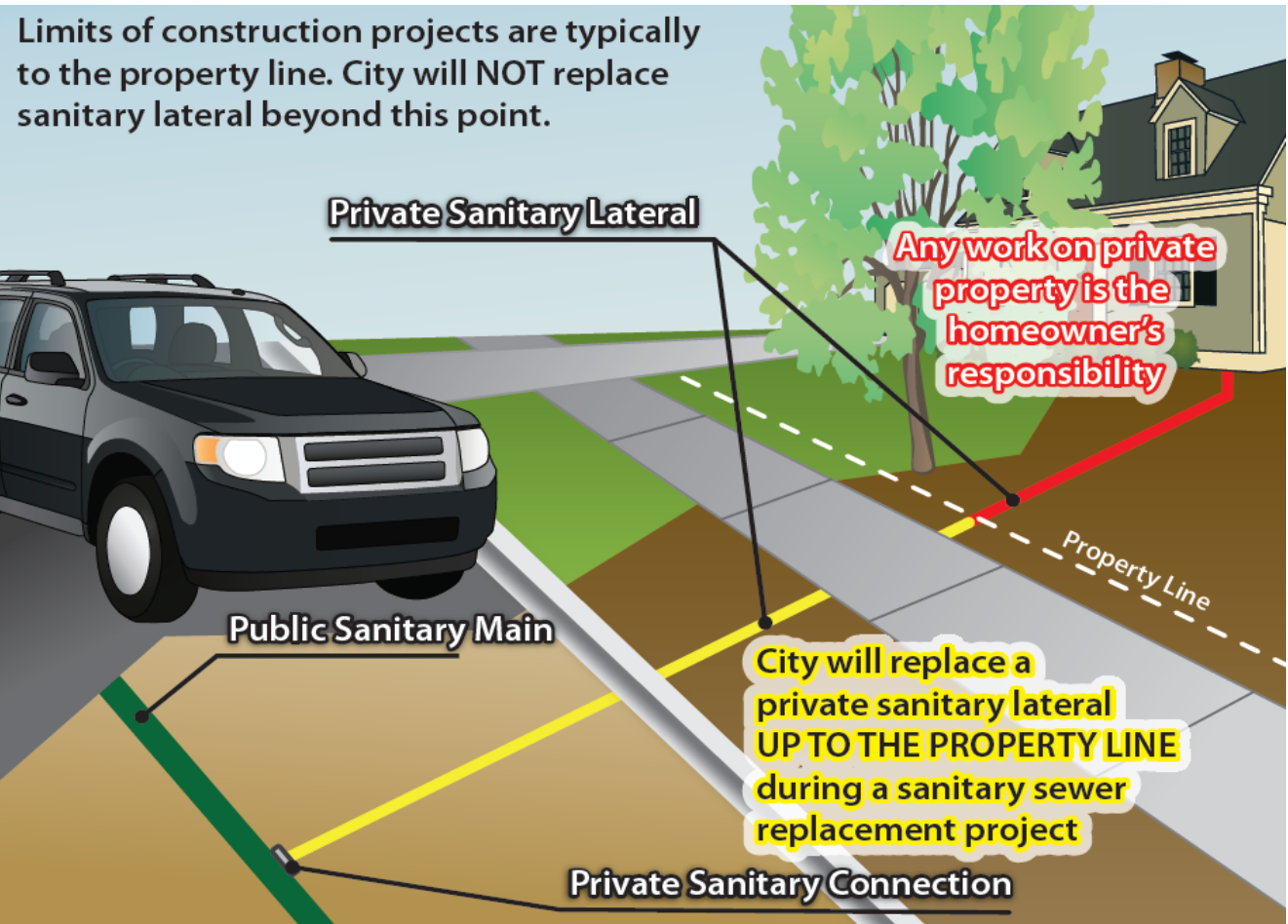


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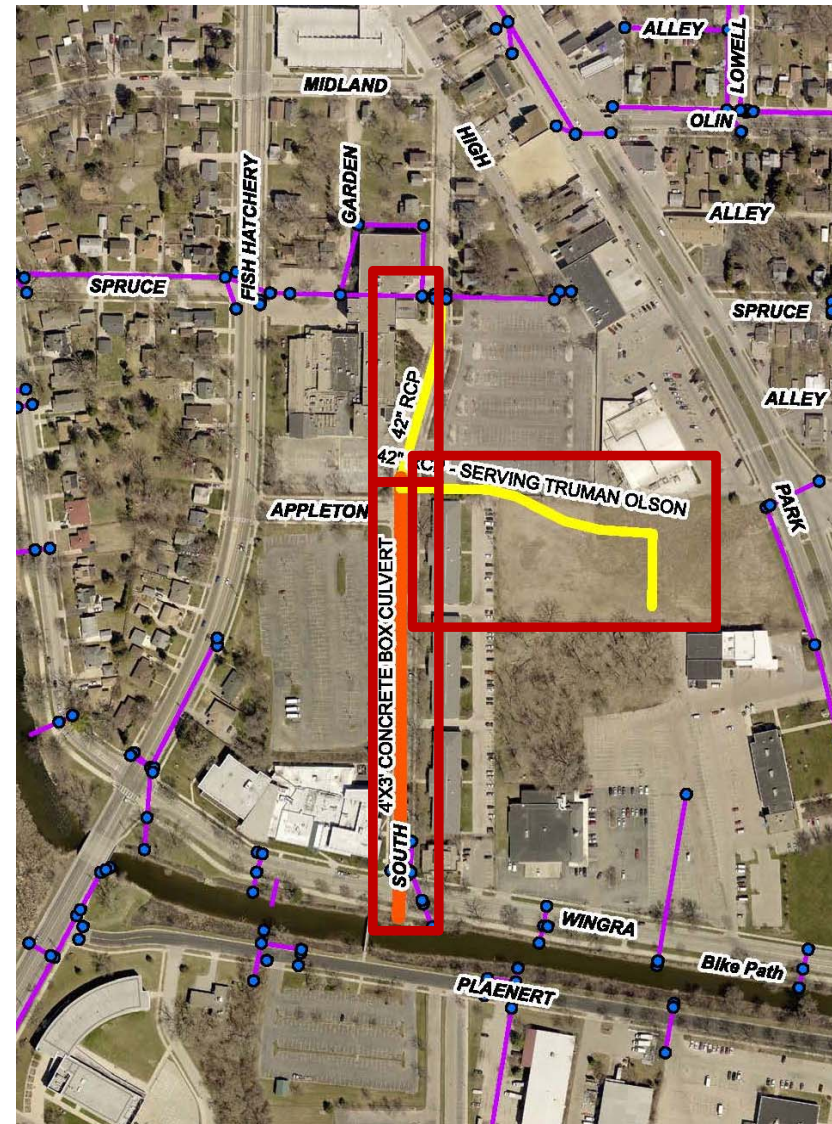
Proposed Design

- ▶ Proposed Utility Improvements
 - Sanitary Sewer Laterals



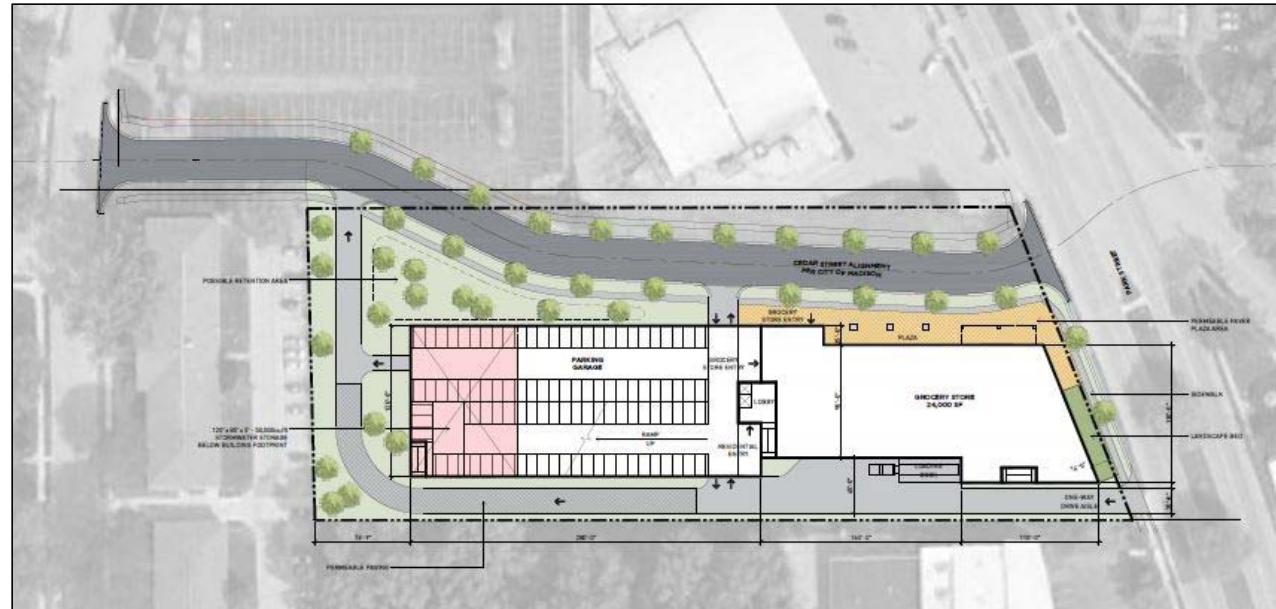
Proposed Design – Stormwater Management

- ▶ South St – new storm sewer to serve SSM/Truman Olson site
 - 42” reinforced concrete pipe (RCP) to serve future SSM parking lot
 - 42” RCP to serve Truman Olson site
 - 4’x3’ concrete box culvert (CBC) to Wingra Creek
- ▶ Cedar St – infiltration/treatment
 - Bioretention
 - Bioswales



Development Plan

- ▶ Truman Olson Site
 - Ground Floor – Grocery Store & Parking Garage
- ▶ 4-Floors of Affordable Housing
 - 150 Units
- ▶ Stormwater Management
 - Quantity & Rate Control
 - Underground Detention
 - Quality
 - Green roof
 - Permeable pavers
- ▶ Construction 2022



Development Plan

- ▶ SSM Health
 - 180,000 square foot specialty care clinic
- ▶ Landscape Amenities
 - Walking paths & sidewalks
 - Greenspace
 - Outdoor seating
- ▶ Stormwater Management
- ▶ New clinic construction 2020
 - Open 2022
- ▶ Demolition existing clinic 2022
- ▶ West & east parking lot construction 2022



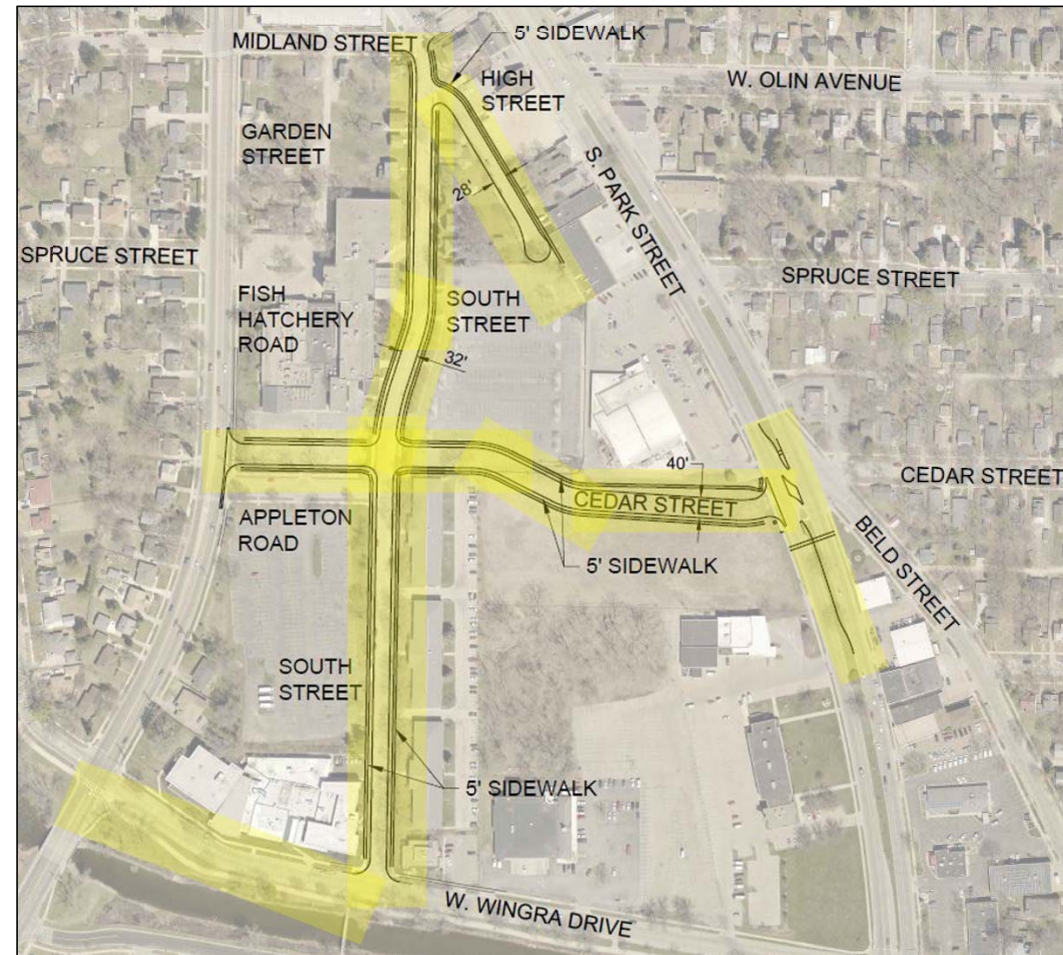
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Forestry

▶ Tree Evaluation

- City Forestry has reviewed existing trees
- Terrace trees will be pruned prior to construction to provide required clearance above street
- City Forestry will evaluate the new terraces for planting sites when the project is complete.
 - Minimum terrace width for planting is 5 feet
 - All new terraces within the development are minimum 6-feet.
- Locations of known removals:
 - 1331 South St (64" Cottonwood)
 - 1331 South St (Linden)
 - Park Street median (Honeylocust)
 - 1701 Fish Hatchery Road (Hackberry)



Assessment Policy & Costs

- ▶ Special charge for work being done that has a direct benefit to the property
- ▶ Estimated assessment mailed during design phase
 - Based on estimated prices & quantities
- ▶ Final assessment billed after completion of projects
 - Based on bid prices & measured quantities
- ▶ Cedar St (Fish Hatchery Rd to S. Park St)
 - 100% assessable to property owners
 - Assessed all infrastructure
- ▶ S. Park St & Fish Hatchery Rd improvements
 - No assessments to property owners

Assessment Policy & Costs

► South St, High St, & W. Wingra Dr

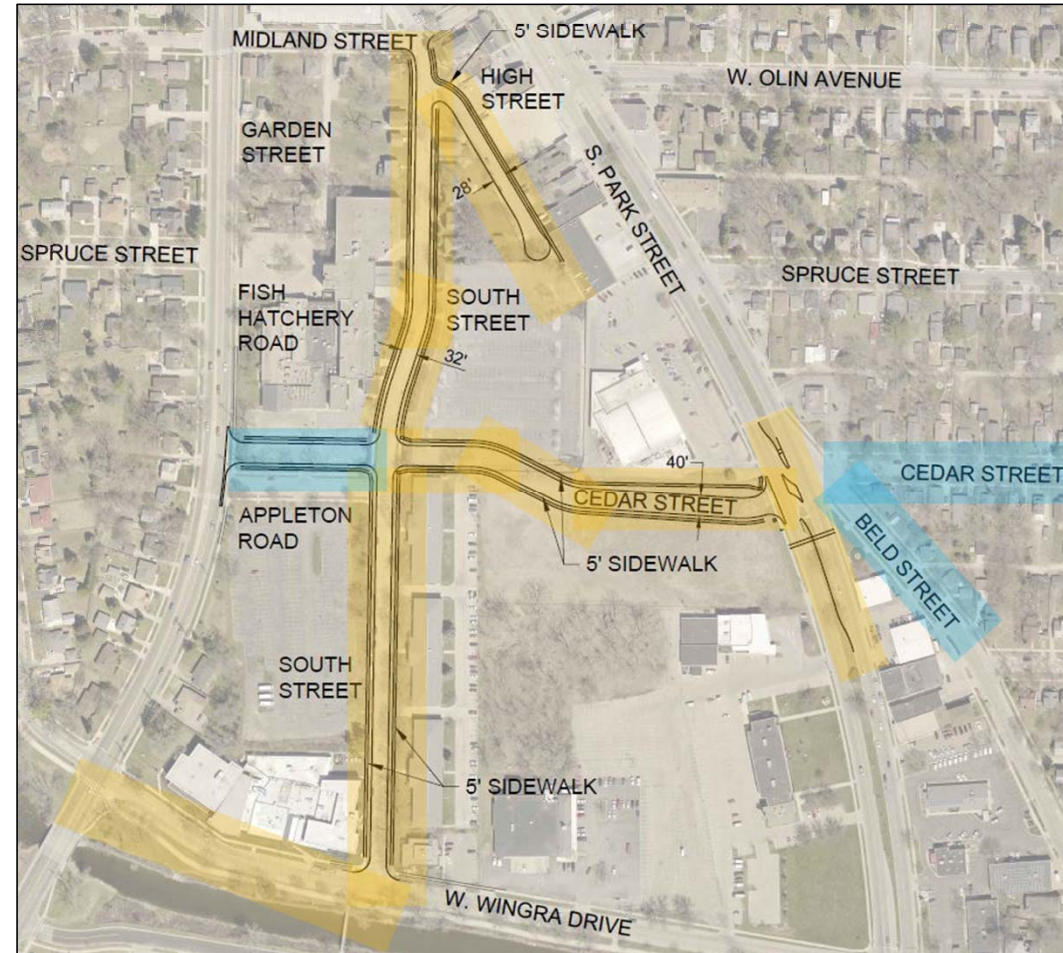
Item	Property Owner Share	City Share
Curb and Gutter*	50%	50%
Sidewalk Replacement	50%	50%
Driveway Aprons	50%	50%
New Sidewalk	100%	0%
New Street (4' Pvmt. & Curb)*	100%	0%
Intersect. Curb & Pvmt.	0%	100%
Sanitary Sewer Main	0%	100%
Sanitary Laterals to Property Line	25%	75%
Storm Sewer Main	0%	100%
Priv Storm Connects	100% (if any)	0%
Street Lighting	100%	0%

*Curb assessed per linear ft. of frontage



Construction & Access

- ▶ Phase 1: 2021
- ▶ Phase 2: 2022
- ▶ S. Park St, Fish Hatchery Rd, & W. Wingra Dr lane closures
- ▶ Cedar St, South St, & High St closed during construction
 - Local & business traffic only
- ▶ Work hours 7 a.m.-7 p.m.
 - No on-street parking during work hours
- ▶ No disruptions to sewer service



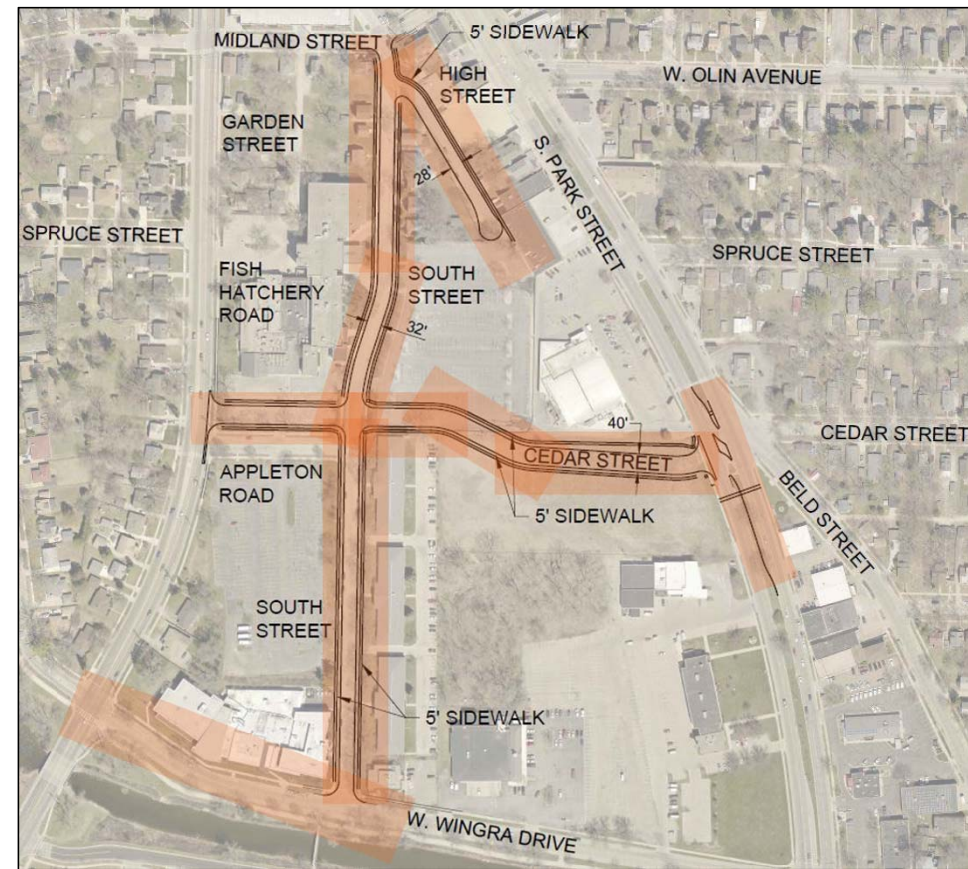
Construction & Access

- ▶ Commercial driveway impacts
 - Contractor will have to maintain access
- ▶ Maintain patient access to the clinic
- ▶ Residential driveway impacts
 - Residents notified 48 hours before
 - Closed up to a cumulative total of 20 days
- ▶ Average of 2 planned water shut-offs
 - Minimum 48 hours notice prior; more notice given when possible
 - Emergency shut-offs possible, notify affected properties ASAP
 - Up to 8 hours, usually 4 hours each
 - Connecting new main to existing
 - Connecting existing service to new main



Project Schedule

- ▶ Cedar St, S. Park St, South St, High St, & Wingra Dr
 - Approving Geometry
 - June 16, 2020: Introduction to Common Council
 - June 24, 2020: Transportation Commission
 - July 8, 2020: BPW Approval
 - July 21, 2020: Common Council



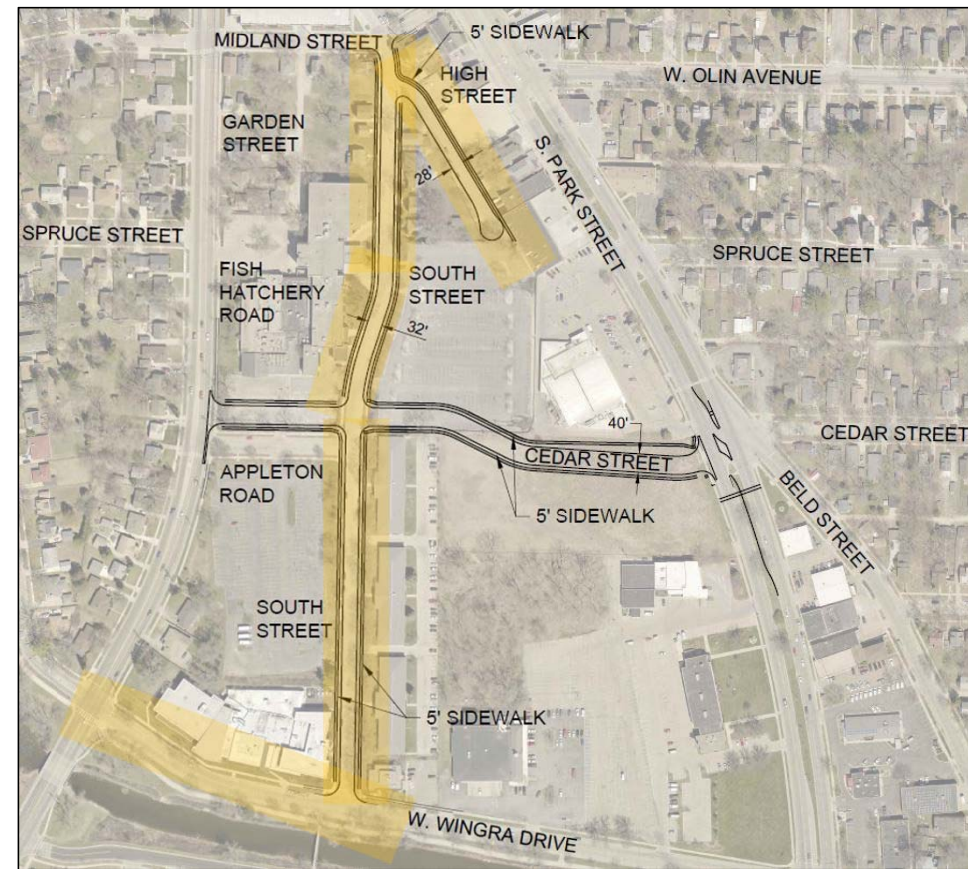
Project Schedule

- ▶ Cedar St (South St to Park St) & S. Park St Improvements
 - August 7, 2020: Mail Estimated Assessments, Public Hearing Notice
 - August 19, 2020: BPW Approval Public Hearing
 - September 1, 2020: Common Council Approval Hearing
 - Winter 2020: Advertise Bids
 - Spring 2021: Begin Construction
 - Fall 2021: End Construction



Project Schedule

- ▶ South St (W. Wingra Dr to Appleton Rd) & W. Wingra Dr (Fish Hatchery to South St)
 - Fall 2020: Mail Estimated Assessments, Public Hearing Notice
 - Fall 2020: BPW Approval Public Hearing
 - Fall 2020: Common Council Approval Hearing
 - Winter 2020: Advertise Bids
 - Spring 2021: Begin Construction
 - Fall 2021: End Construction



Project Schedule

- ▶ Cedar St (Fish Hatchery Road to South St), South St (Appleton Rd to Midland St), & High St
 - Summer 2021: Mail Estimated Assessments, Public Hearing Notice
 - Summer 2021: BPW Approval Public Hearing
 - Summer 2021: Common Council Approval Hearing
 - Fall 2021: Advertise Bids
 - Spring 2022: Begin Construction
 - Fall 2022: End Construction



Contact Information & Resources

- ▶ Engineering
 - Project Manager, Andrew Zwieg, 266-9219, azwieg@cityofmadison.com
 - Public Information Officer, Hannah Mohelnitzky, 669-3560, hmohelnitzky@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 your question.

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