



Felland Road & Tranquility Trail Roundabout

**Public Informational Meeting
by City of Madison Engineering Division
February 15th, 2021**

- ✓ This meeting will be **recorded** and posted to the City's project page.
- ✓ All attendees should stay be **muted** to keep background noise to a minimum.
- ✓ You may use the **“raise hand”** option at the bottom if you have something that required immediate clarification.
- ✓ Use **“chat”** option if you are having technical issues and a staff person can try to assist.
- ✓ Please use the **“Q&A”** option at the bottom of the screen to type your question. Questions will be answered at the end of the presentation. Inappropriate questions may be dismissed.
- ✓ If you cannot ask via typing your question, use the “raise hand” option and you will be unmuted when it is your turn.



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 reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a shared Excel spreadsheet with a ribbon and data. A "City of Madison" name tag is visible on the right. In the center, a "Join Audio" dialog box is open, showing "Phone Call" and "Computer Audio" options. A blue button labeled "Join Audio by Computer" is highlighted with a red arrow. At the bottom, the Zoom toolbar includes a "Join Audio" button (also highlighted with a red arrow), "Q&A", "Chat", "Raise Hand", and "Leave Webinar".

Make sure to join audio

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. Below this, a Microsoft Excel spreadsheet is shared, 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 content. In the center of the screen, there are two buttons: "Phone Call" and "Computer Audio". Below these, a large blue button reads "Join Audio by Computer". At the bottom of the screen, a toolbar contains icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Raise Hand" icon. In the bottom right corner, there is a "Leave Webinar" button.

Raise your hand to be unmuted
For comments or ask additional questions.

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Use chat if you have technical issues or a question for the panelists

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

How to Participate

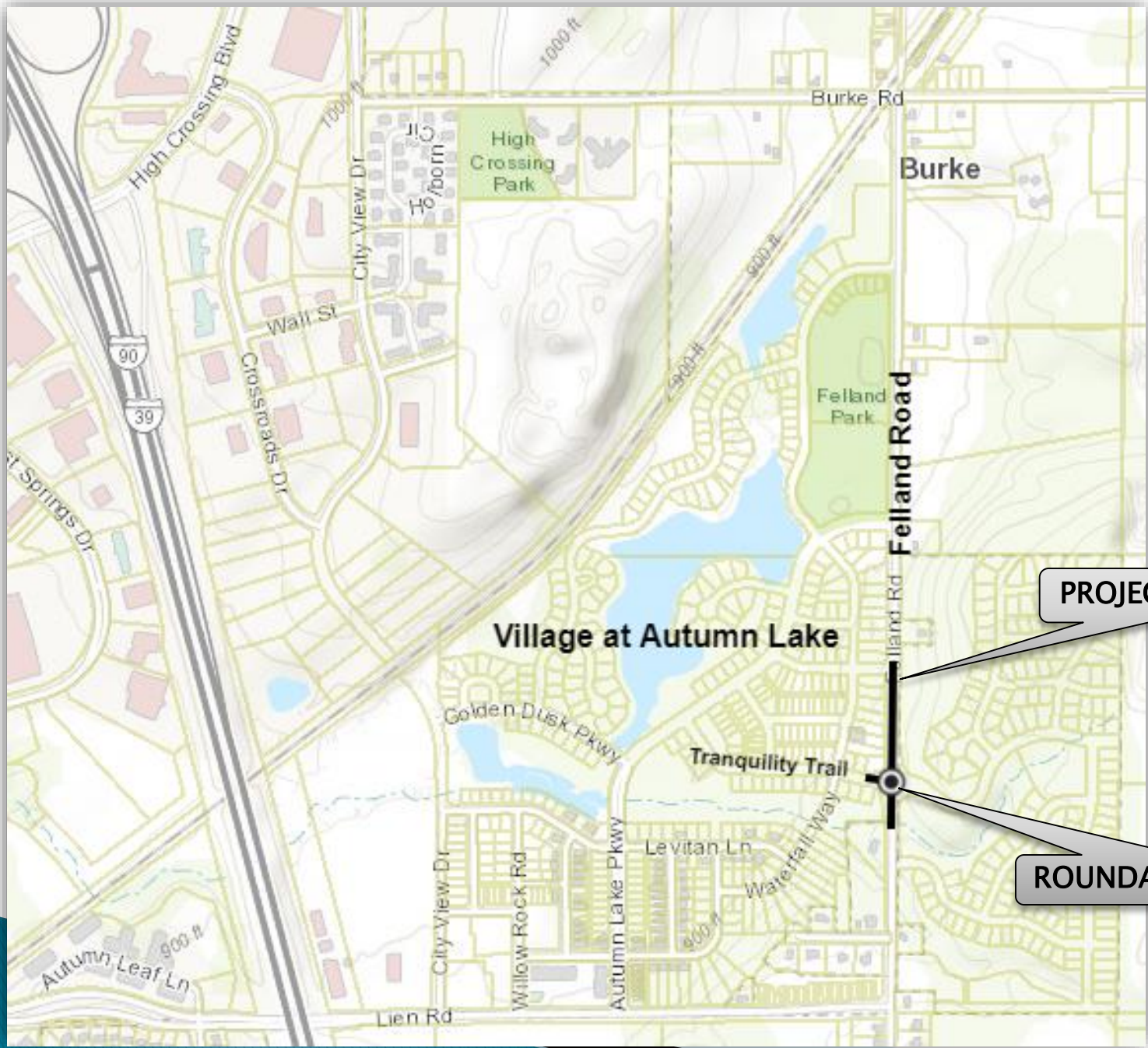
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To leave the meeting click here



Presentation Outline

- ▶ Project Location
- ▶ Neighborhood Plan
- ▶ Existing Conditions
- ▶ Proposed Design
- ▶ Stormwater Management
- ▶ Construction & Access
- ▶ Assessment Policy & Costs
- ▶ Project Schedule
- ▶ Contact Information & Resources
- ▶ Q&A



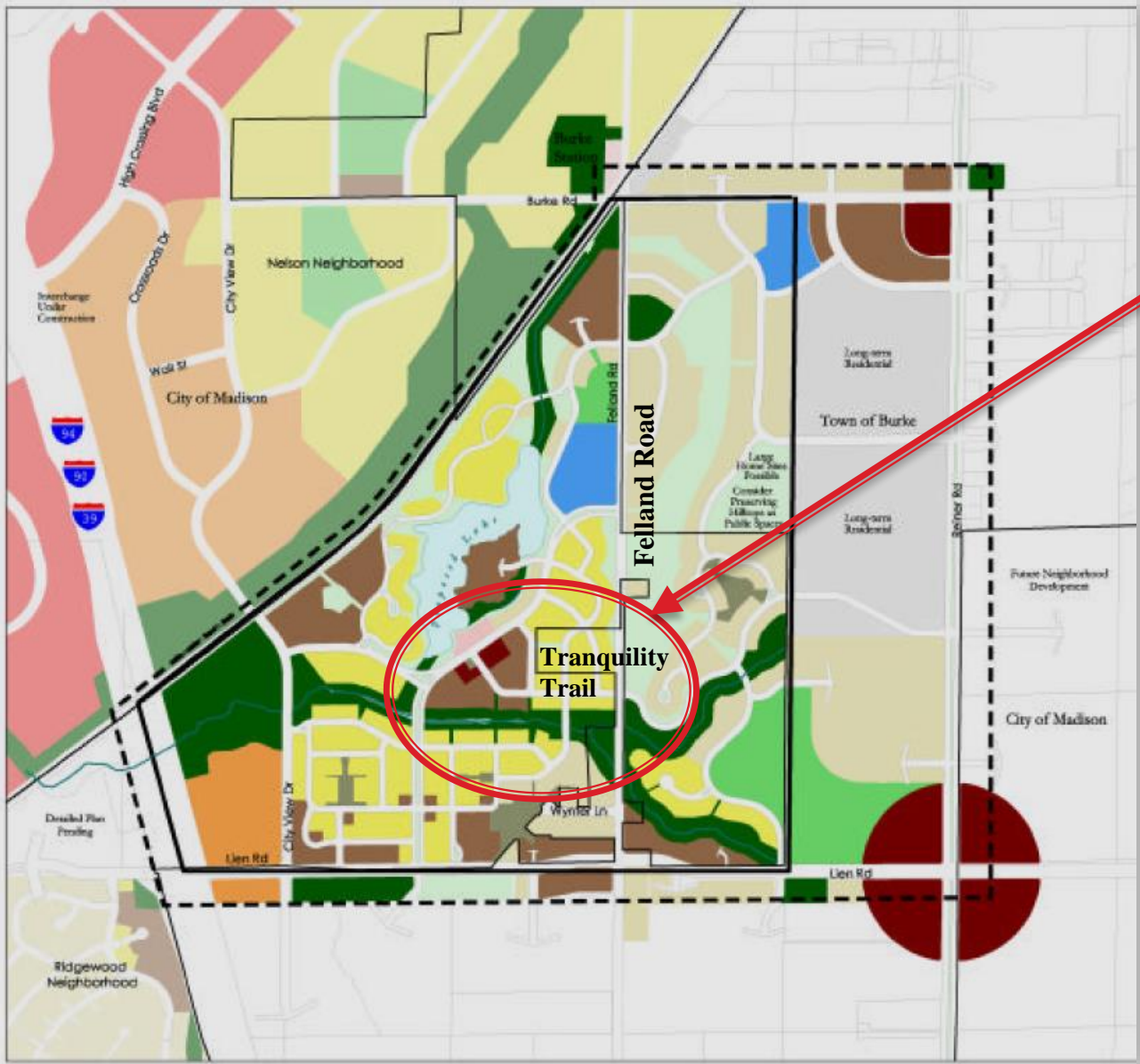
Project Location

PROJECT LIMITS

ROUNABOUT LOCATION

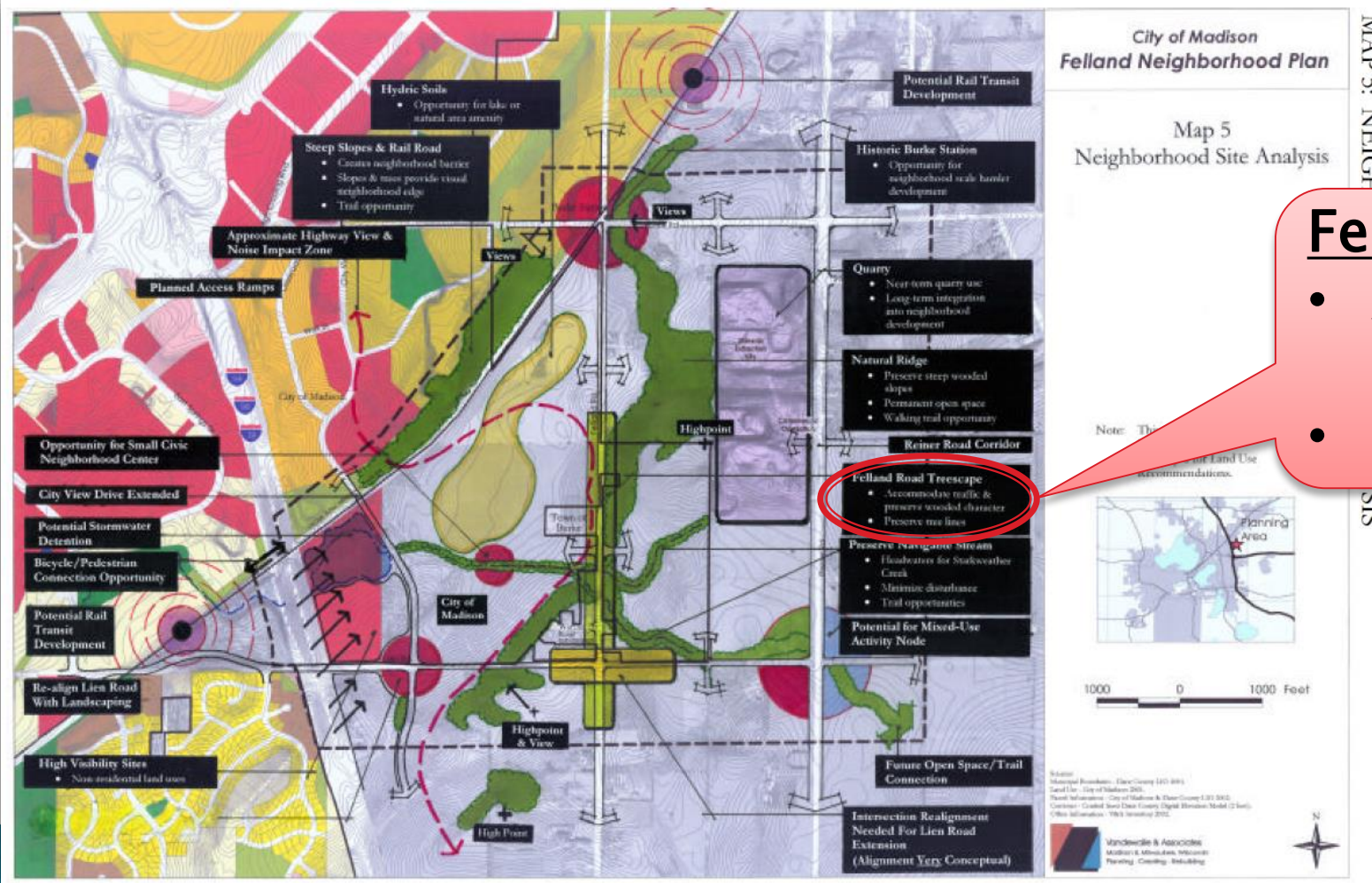


Felland Neighborhood Plan (2002)



- ▶ New Development (2021) at The Village At Autumn Lake Subdivision
- ▶ Creates need for connection onto Felland Road (via Tranquility Trail)

Felland Neighborhood Plan (2002)



Felland Road Treescape

- Accommodate traffic & preserve wooded character
- Preserve Tree Lines

“...maintain Felland Road with two travel lanes and limited driveway access to preserve the wooded, scenic character of the corridor.”



Felland Road Neighborhood Development Plan (2002)

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Existing Conditions

- ▶ Existing Land Use
 - Agriculture, Residential, Industrial, Undeveloped Wooded Area
- ▶ Drainage Way
 - Two Converging Channels
- ▶ Felland Road
 - Speed Limit: 45mph
 - Width: 24'
 - Surface: Asphalt
 - Gravel Shoulder
 - No Sidewalk
 - Drainage Culverts (2)
 - Guardrail at Steep Side-slopes



Proposed Design: Felland Road



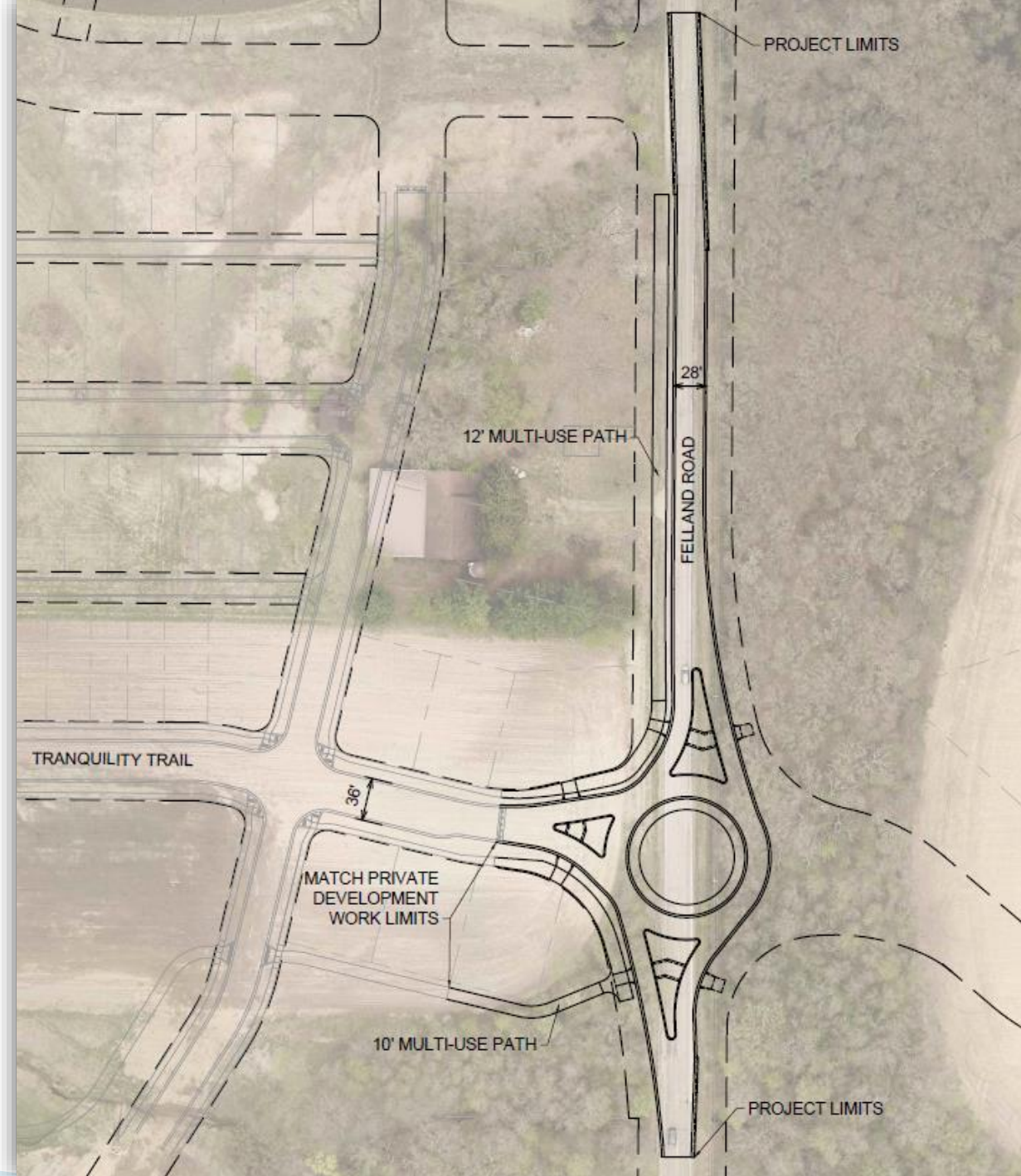
Existing Trees 12' Multi-Use Path 5' Terrace

Felland Rd: 28'
Curb (Both Sides)

4' Terrace Existing Trees

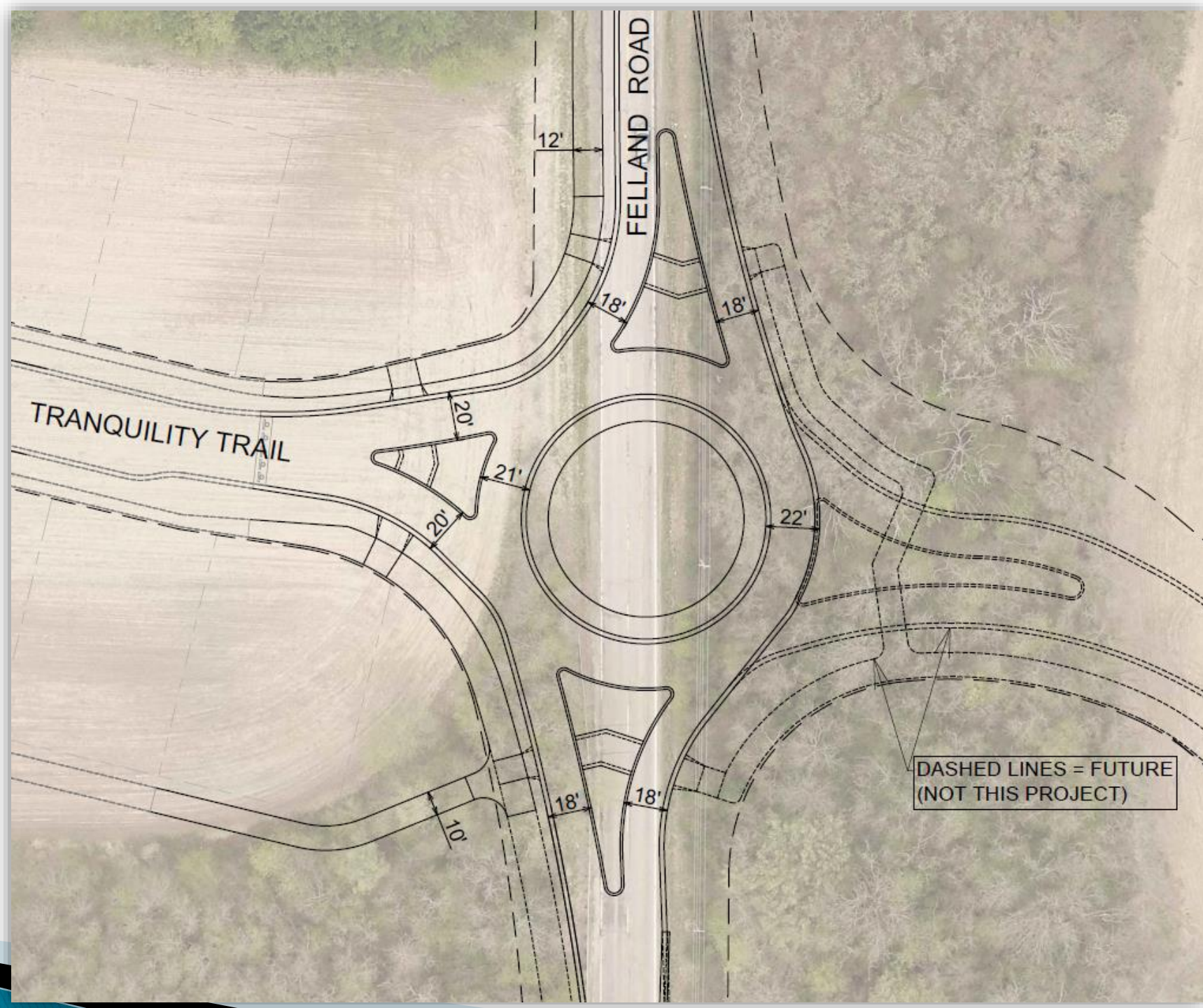
Proposed Design

- ▶ 3-Legged Roundabout
 - Eastern Leg will be constructed when Easterly-side develops
- ▶ 12' Multi-use Path on Westside
 - No Sidewalk on Eastside to preserve trees
- ▶ Extend Tranquility Trail & 10' Multi-Use Path from Private Development
- ▶ Reduce Speed Limit on Felland Rd from 45mph to 35mph between Burke Rd and Lien Rd



Roundabout

- ▶ Future Eastern-Leg & Sidewalk (Dashed)
- ▶ Bike-Pedestrian Crossings at all Legs
 - Widened Ramps
- ▶ Designed to Accommodate Future Transit Route



Proposed Design: Street Lighting

- ▶ Add streetlights along Felland Road
- ▶ Positive lighting at roundabout crosswalks
 - Directs light on driver-facing side of crossing pedestrian
- ▶ Green Cobra series LED lights
 - 3000k color temperature
 - Directed lighting
- ▶ Street lights to be assessed to adjacent property owners



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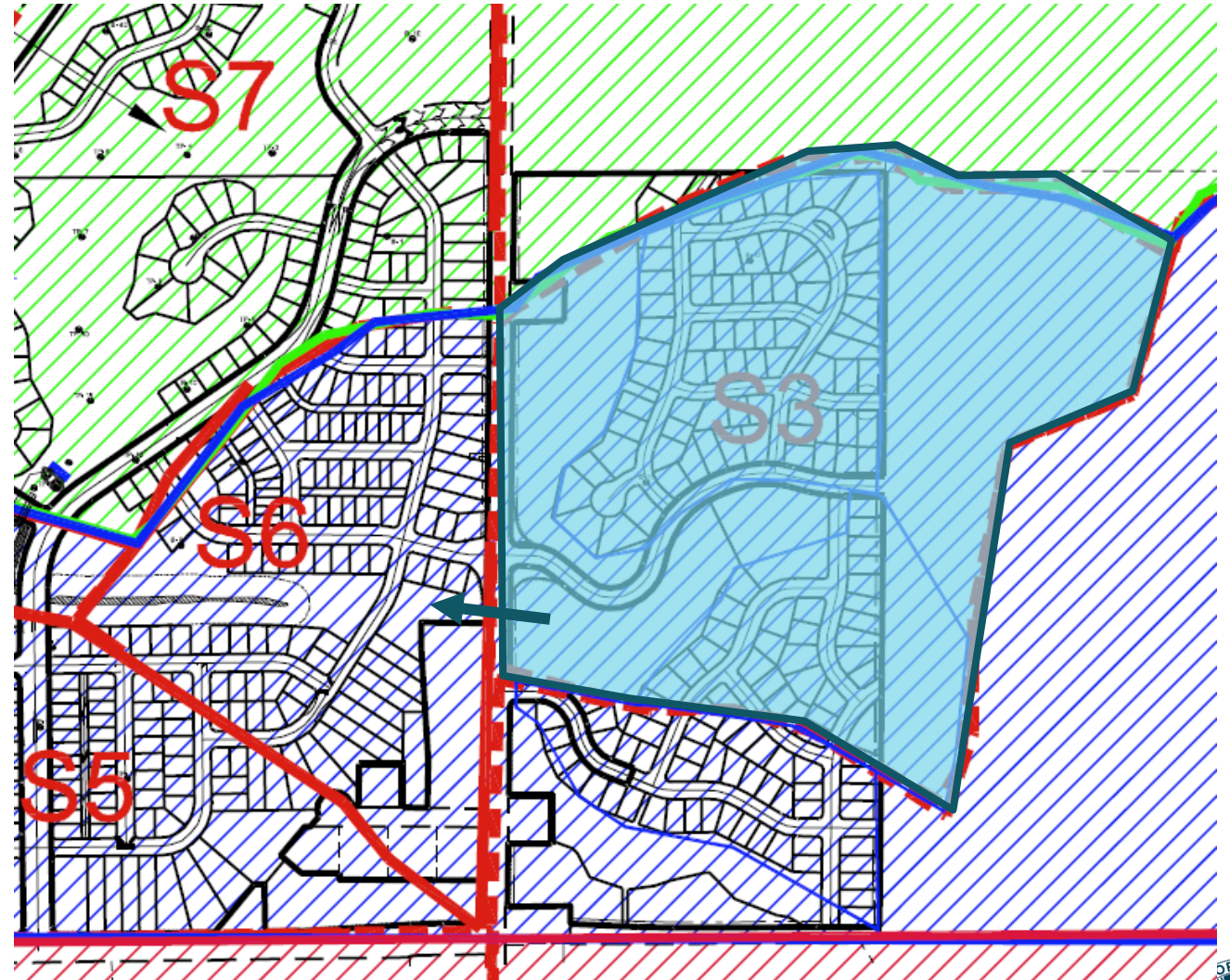
Proposed Design: Utilities

- ▶ Water main & sanitary sewer will be installed along:
 - Tranquility Trail through the roundabout, stubbed to the east for future
 - Felland Road from roundabout to southern project limits
- ▶ Storm sewer will be installed along Felland Road and through the roundabout
- ▶ Upgrade Existing Culvert under Felland Road, south of roundabout
 - Component of broader Stormwater considerations for the watershed



Stormwater Management

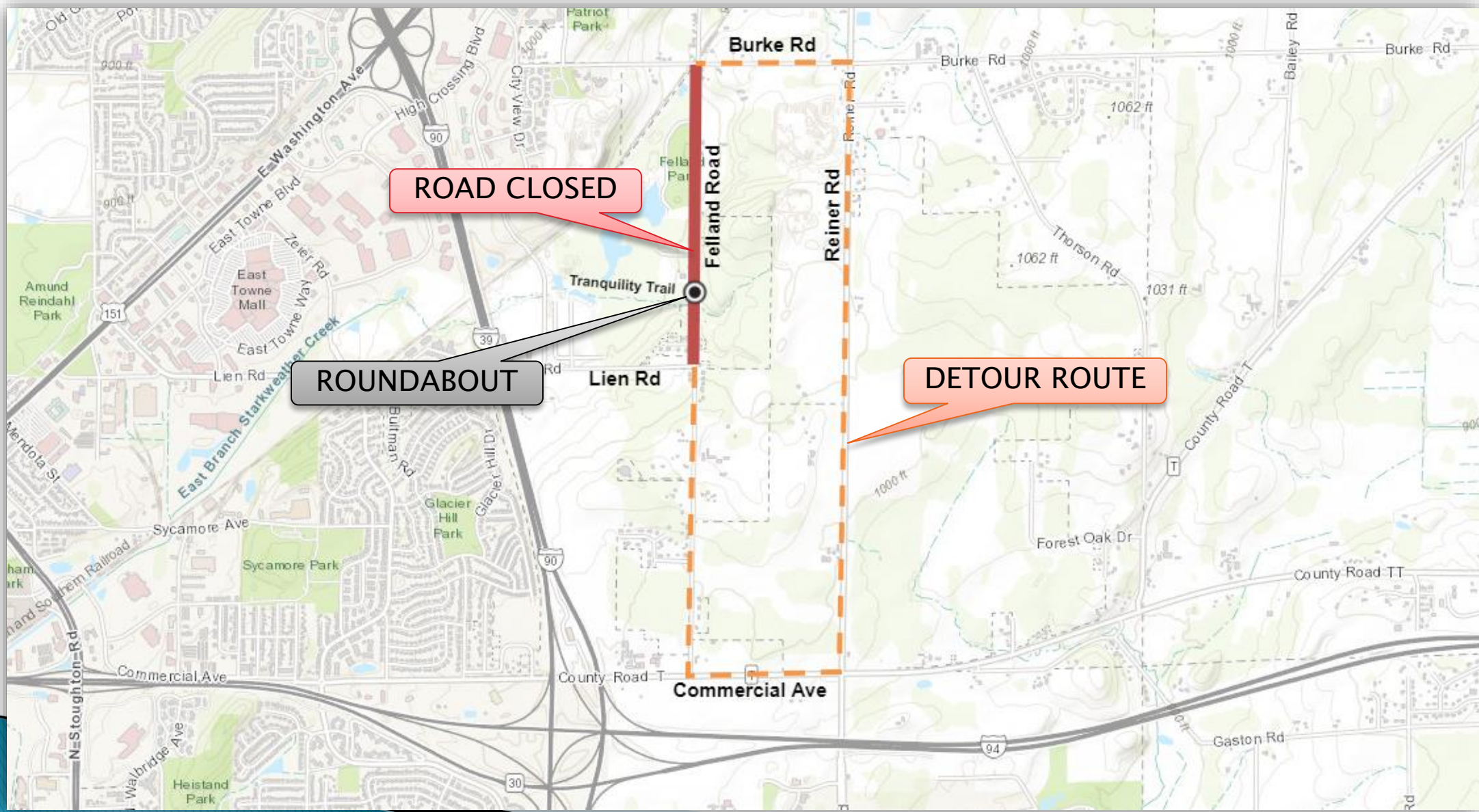
- ▶ Village at Autumn Lake plat SWM plan
- ▶ Stormwater runoff directed through ditches and channels to detention ponds
- ▶ Culverts sized to convey 1% chance storm without overtopping the road



Construction & Access

- ▶ Preliminary Construction Timeframe:
 - Summer 2021 – Fall 2021
 - Project Duration = ~4 Months
 - Coordinate with Village at Autumn Lake Subdivision Development
- ▶ Felland Road will be closed to thru traffic between Lien Rd and Burke Rd for the duration of the project
 - Local Access Maintained
 - Detour Route to be Signed

Felland Closure: Potential Detour



Assessment Policy & Costs

- ▶ Special Charge for work being done that has direct benefit to the property
- ▶ Veridian Homes (Subdivision Developer) will be the only assessed entity for Felland Road Infrastructure Improvements

Project Schedule

- ▶ Public Works Project (Felland–Tranquility Roundabout)
 - Transportation Commission: December 9th, 2020 (Approved)
 - Mail Estimated Assessments, Public Hearing Notice: February 19th, 2021
 - Board of Public Works Approval Public Hearing: March 3rd, 2021
 - Common Council Approval Hearing: March 16th, 2021
 - Advertise Bids: March 25th, 2021
 - *Begin Construction: Summer 2021*
 - *End Construction: Fall 2021*

Project Schedule

- ▶ Private Development Project (Village at Autumn Lake Subdivision)
 - Stormwater Management Report: Approved by City
 - Board of Public Works Approval: December 16th, 2020
 - Common Council Approval: January 5th, 2021
 - *Begin Construction: April 2021*
 - *End Construction: Summer 2021*

Contact Information & Resources

- ▶ Project Manager, Aaron Canton, 242-4763, acanton@cityofmadison.com
- ▶ Sanitary & Storm Sewer, Matt Allie, 266-4058, mallie@cityofmadison.com
- ▶ Traffic Engineering, Sean Malloy, 266-5987, smalloy@cityofmadison.com
- ▶ Public Information Officer, Hannah Mohelnitzky, 242-6006, hmoelnitzky@cityofmadison.com

- ▶ Project Website: <https://www.cityofmadison.com/engineering/projects/felland-road-and-tranquility-trail-roundabout>
 - Sign-up for updates on road closures & work progress
 - Presentation recording & slides posted to project page

- ▶ Facebook – City of Madison Engineering
- ▶ Twitter – @MadisonEngr
- ▶ Everyday Engineering Podcast – search “Everyday Engineering” on Apple iTunes or GooglePlay