

Dodd Boulevard Reconstruction Project (Glasgow Avenue to Pilot Knob Road)



VIRTUAL OPEN HOUSE NO. 4

DEC. 12, 2022

SCROLL THROUGH THE DOCUMENT TO VIEW
THE PRESENTATION AT YOUR OWN SPEED



In-Person Open House

When: Monday, Dec. 12, 2022
5:30 - 7:00 p.m.

Where: Lakeville Water Treatment Facility
18400 Ipava Ave, Lakeville MN, 55042

Join us in-person to learn more about the project schedule, impacts, and get answers to your questions



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Open House No. 4 Objectives

- ✓ Share feedback received from the public to date
- ✓ Present final layout with anticipated impacts
- ✓ Updated project schedule
- ✓ Present preliminary construction staging and detour information
- ✓ Provide opportunity for the public to leave comments on the comment map



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Project Purpose and Need

Provide long-awaited improvements to meet multi-use transportation needs of the area.

This will be done through:

- Reconstruction of Dodd Boulevard from a county highway to a city collector roadway.
- Providing pedestrian and bicycle connectivity to neighborhoods, schools, parks and regional trail systems.
- Ensuring the long-term multi-use needs of the county and city are met, while improving safety and mobility along the corridor for all users.
- Help promote vehicle speed reduction along the corridor by adding curb and gutter, and medians while adding pedestrian trails, pedestrian lighting, and narrower through lanes for traffic calming.
- For more information and background on this project, along with the adjacent new County Road 9 realignment project being constructed in 2023, please visit the website at <https://doddblvdcr9.com/>



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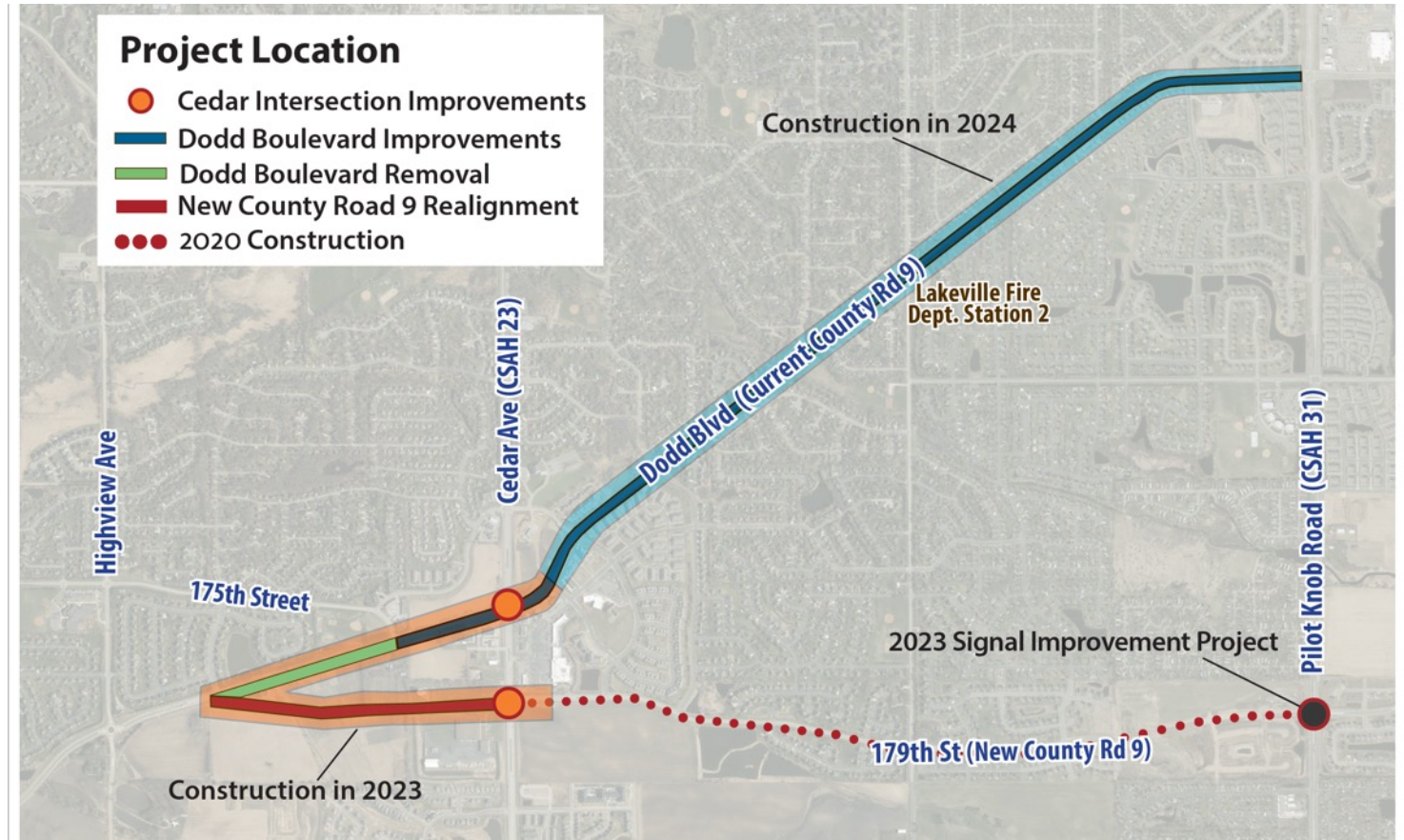
Project Overview

Dakota County and the City of Lakeville are collaborating on plan and design efforts which will result in the reconstruction of Dodd Boulevard and construction of new County Road 9 (179th Street).

Due to the size of the project and potential impact to traffic, the county and city have decided to implement a two-year construction process with two separate projects.

See the Project Location Map to the right for the work split between the 2023 construction project and 2024 construction project.

This open house will focus on the 2024 construction project (highlighted as Dodd Boulevard Improvements). See the following slide for the final layout and update for the 2023 project.



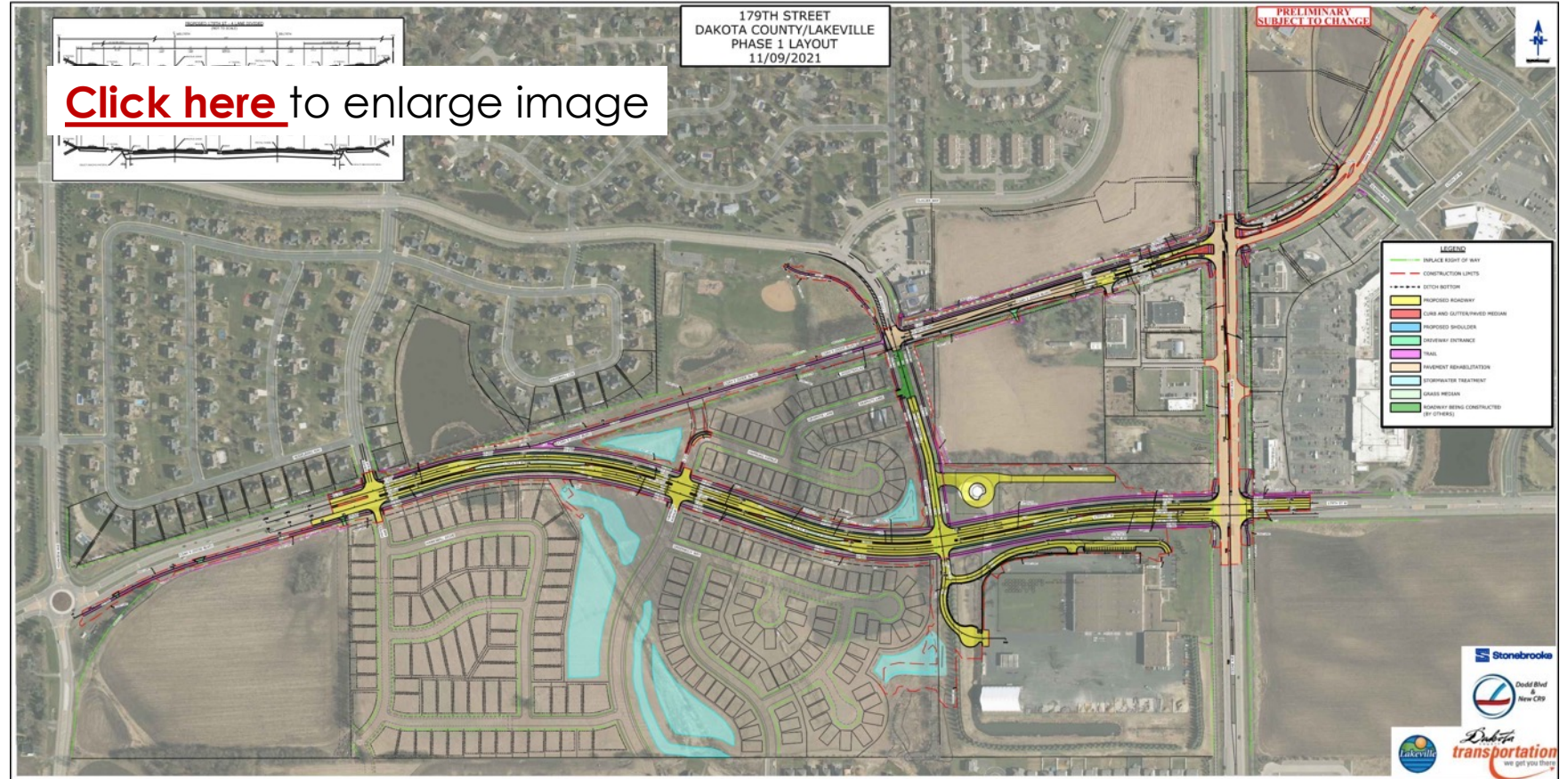
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New County Road 9 (179th Street) project update

Construction begins spring 2023 through fall 2023

More details regarding construction schedule will be made available to the public in winter/spring 2023, after the County has secured a contractor for this work.



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Overview of public engagement to date



Sent 8,500 mailings to residents, businesses and property owners



4,800 website visits and 120 email subscribers - [Subscribe here if you haven't done so yet!](#)



107 comments on map



Facebook/Twitter/Next Door ads

Summary of Public Outreach To Date



Recurring themes from previous open houses and website comments:

- Improvements to the pedestrian and bicycle facilities are needed.
- How are turn lanes being addressed?
- Vehicle speeds are too high.
- Truck traffic and noise is excessive.
- Will the road be widened? What will the roadway width look like?
- Will there be any construction work during 2023?

Public Input for Project

“Improvements to the pedestrian and bicycle facilities are needed on Dodd Boulevard between Gerdine Path and Pilot Knob Road.”



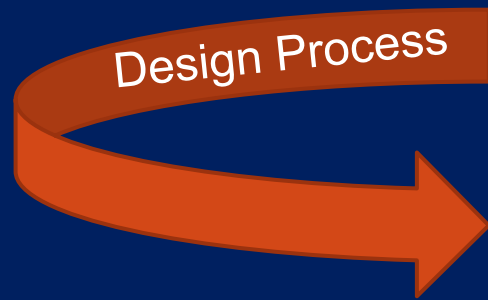
Design Process

- Addition of shared-use (pedestrian and bicycle) trails on both sides of Dodd Boulevard.
- Enhanced pedestrian crossing of Dodd Boulevard at Fairgreen Avenue.
- Reconstructing the pedestrian tunnel near north creek to provide better site lines, make the trail flatter, and provide better connectivity.

Public Input for Project

“Turn lanes are needed at certain locations along Dodd Boulevard.”

“There is inconsistent use of turn lanes along the Dodd Boulevard corridor.”



Right and left turn lanes are being added at all intersections.

Public Input for Project

“Vehicle speeds are too high on Dodd Boulevard.”

Design Process



Proposed improvements to Dodd Boulevard between Gerdine Path and Pilot Knob Road to address concerns and encourage speed reduction include:

- Introducing raised concrete curb and medians.
- Narrowing lane widths.
 - A raised curb or median, along with narrowing lanes, helps to reduce the ‘open’ feel of a street corridor, thus helping to encourage speed reduction.
- The City of Lakeville is evaluating reduction of speed limit on Dodd Boulevard.
 - Please see the following link for general information regarding how speed limits are set in Minnesota <https://www.house.leg.state.mn.us/hrd/pubs/ss/ssspdlit.pdf>

Public Input for Project

“Truck volume and noise is excessive on Dodd Boulevard.”

Design Process



Improvements to Dodd Boulevard to help address concerns include:

- Adding $\frac{3}{4}$ access at Cedar Avenue and Dodd Boulevard as it will not allow traffic on Dodd Boulevard to cross Cedar Avenue or make left turns onto Cedar Avenue. This is expected to redistribute regional traffic to more preferred routes such as 160th Street and new 179th Street.
- The City of Lakeville is evaluating a potential speed limit reduction for the Dodd Boulevard corridor.
- Providing the new east/west route along 179th Street to carry regional traffic.
- Improving proposed roadway geometry (introducing raised curbs/medians) may help discourage truck traffic (traffic calming).

Public Inquiry

Q: Will Dodd Boulevard be widened? What will the Dodd Boulevard width look like after construction?

A: Dodd Boulevard widening will include shoulders, grass boulevards and shared-use trails. See upcoming slides for visuals of what both the Dodd Boulevard width is proposed to look like in different locations on the projects.



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Public Inquiry

Q: Will there be any Dodd Boulevard construction work occurring in 2023?

A: There will likely be underground private utility relocation work occurring during 2023 including, gas, electric, and communication utilities.

Performing this work in 2023 will assist the 2024 road construction schedule.



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Public Inquiry

Q: Will there be any road construction work occurring in 2023?

A: Work that is a part of the 179th Street project will occur in 2023, as shown on slide 6 earlier in this presentation, including:

- The new CSAH 9 (179th Street) corridor west
- The $\frac{3}{4}$ access at Dodd Blvd and Cedar Avenue
- Pavement rehabilitation on Dodd Boulevard from 175th Street to Glasgow Avenue
- Pavement rehabilitation on Cedar Avenue from 179th Street to Dodd Boulevard
- Removal of Dodd Boulevard from Hayes Avenue to 175th Street

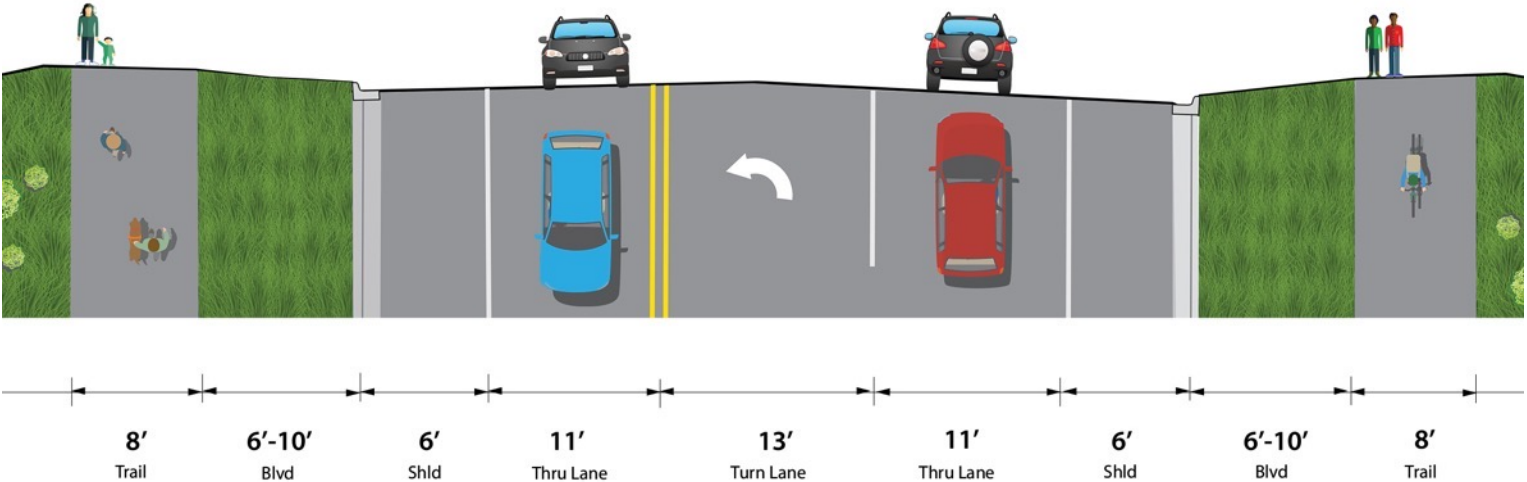


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Dodd Boulevard Typical Section 1

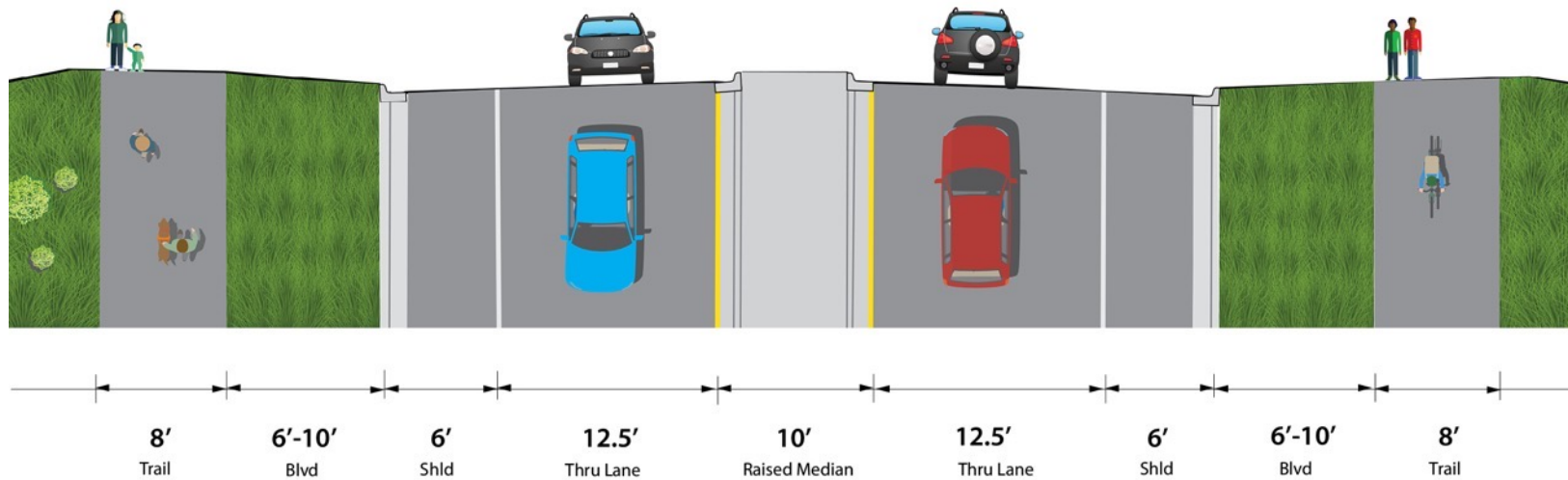
The design accommodates and balances the needs of all modes of transportation and is used when there are left turn lanes. An off-street 8-foot-wide trail will be constructed on both sides of the road.



8-foot-wide trails will provide both pedestrians and bicyclists space to comfortably move along the corridor off the roadway.

Dodd Boulevard Typical Section 2

When there are no left turn turns and the through lanes are separated, a raised concrete median has been introduced.



A raised concrete median has been introduced when possible. Advantages include:

- Traffic Calming
- Speed Reduction
- Pedestrian refuge at Fairgreen Avenue Crossing

Dodd Boulevard Layout Highlight No. 1

Narrowing westbound Dodd Boulevard from Cedar Avenue to Gerdine Path from 2 lanes to 1 lane. Additionally, adding the missing segment of trail north of Dodd Boulevard.



The outside through lane will be removed in the westbound direction. This will reduce long-term maintenance, aid in reducing speeds, reduce storm water runoff, and allow for the addition of a trail.

Dodd Boulevard Layout Highlight No. 2

Replacement of the North Creek drainage culverts and pedestrian tunnel.



Pedestrian Tunnel Replacement Benefits:

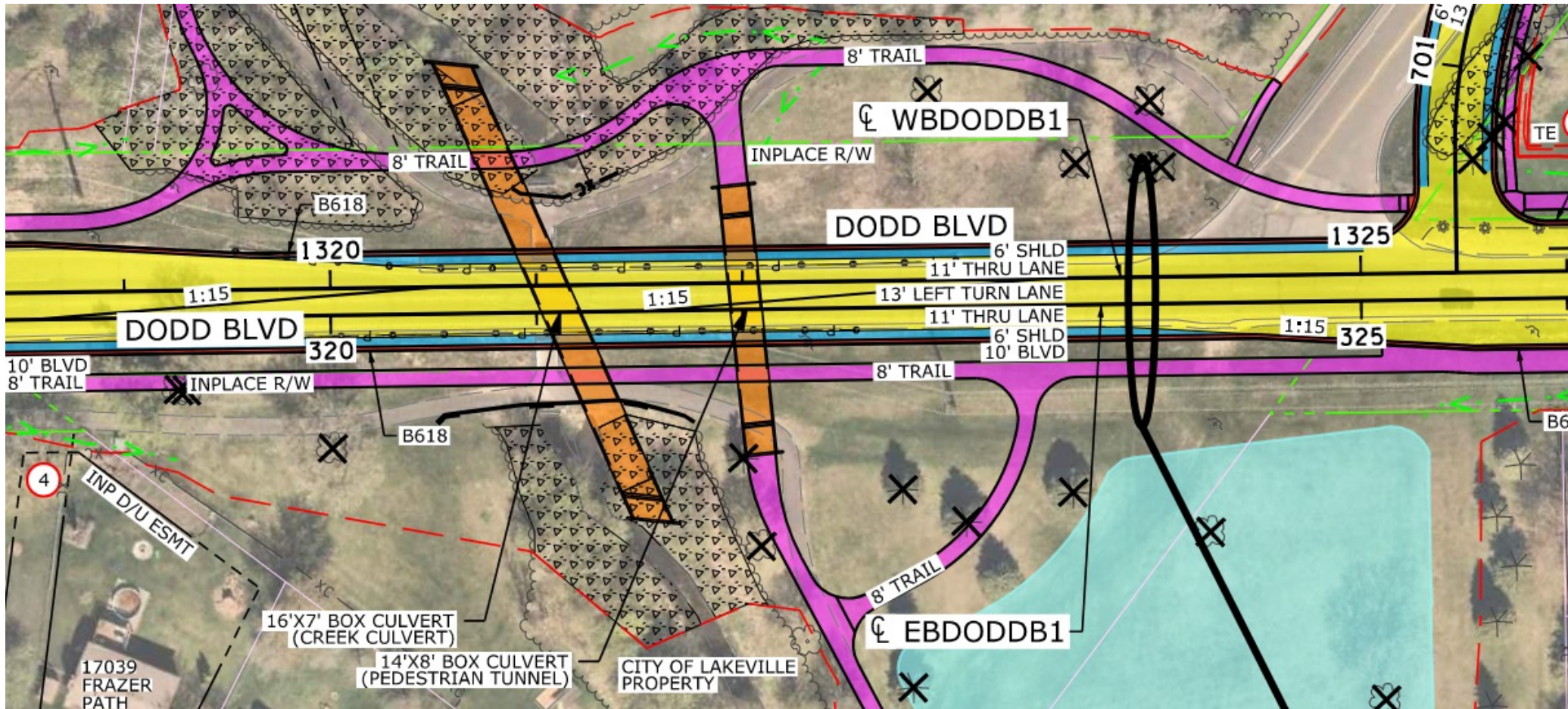
- Widen tunnel from 10 feet to 14 feet
- Addition of tunnel lighting
- Improve steep trail grades
- Improve trail sightlines approaching tunnel



Drainage Culverts: We are removing the two existing culverts and replacing/realigning with one new culvert that is 16 feet wide x 7 feet high. Realignment will allow the creek to flow in its more natural alignment, reducing creek bank erosion and sediment deposits. This will also reduce the frequency of the pedestrian tunnel flooding during large rain events.

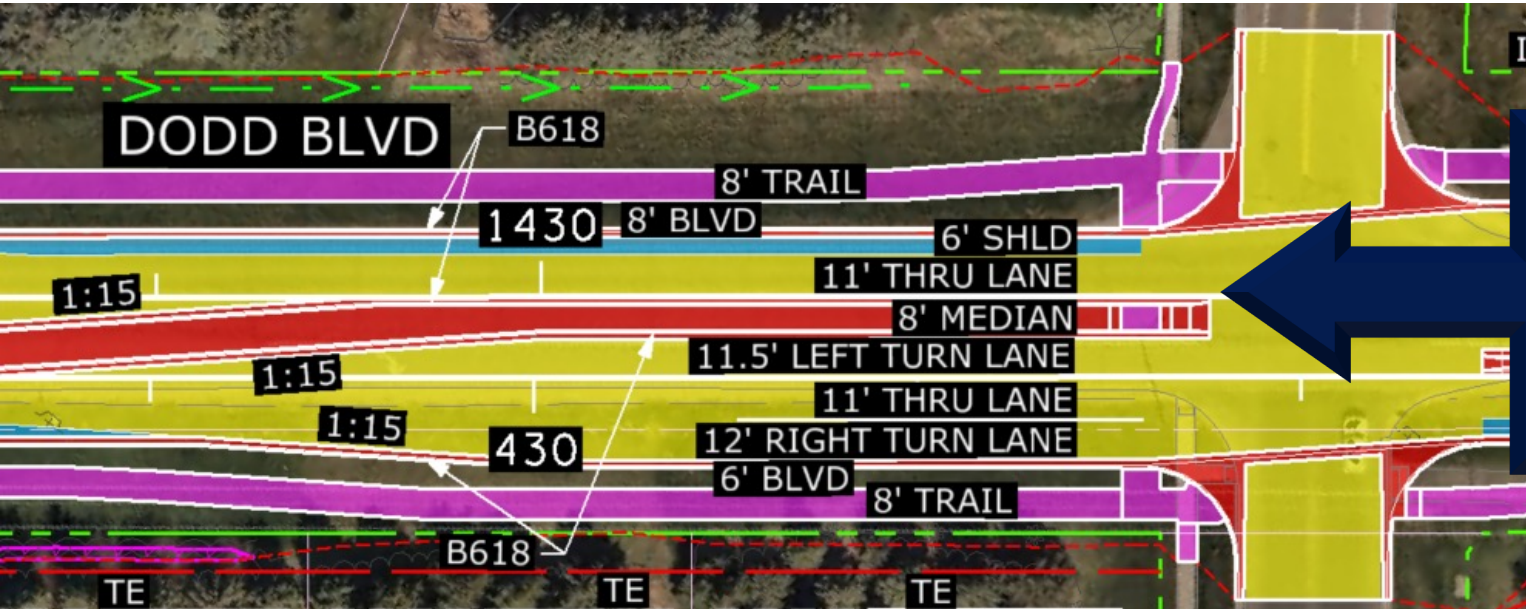
Dodd Boulevard Layout Highlight No. 2 Continued

New Configuration of Creek Culvert and Pedestrian Tunnel



Dodd Boulevard Layout Highlight No. 3

Enhanced at grade pedestrian crossing near Fairgreen Avenue



Provide an enhanced pedestrian crossing of Dodd Boulevard at Fairgreen Avenue. This crossing will allow for improved access between neighborhoods and parks on opposite sides of Dodd Boulevard. Added features for this crossing include signage, pavement markings, flashing beacons and center medians to reduce crossing distance.



Example of an enhanced pedestrian crossing

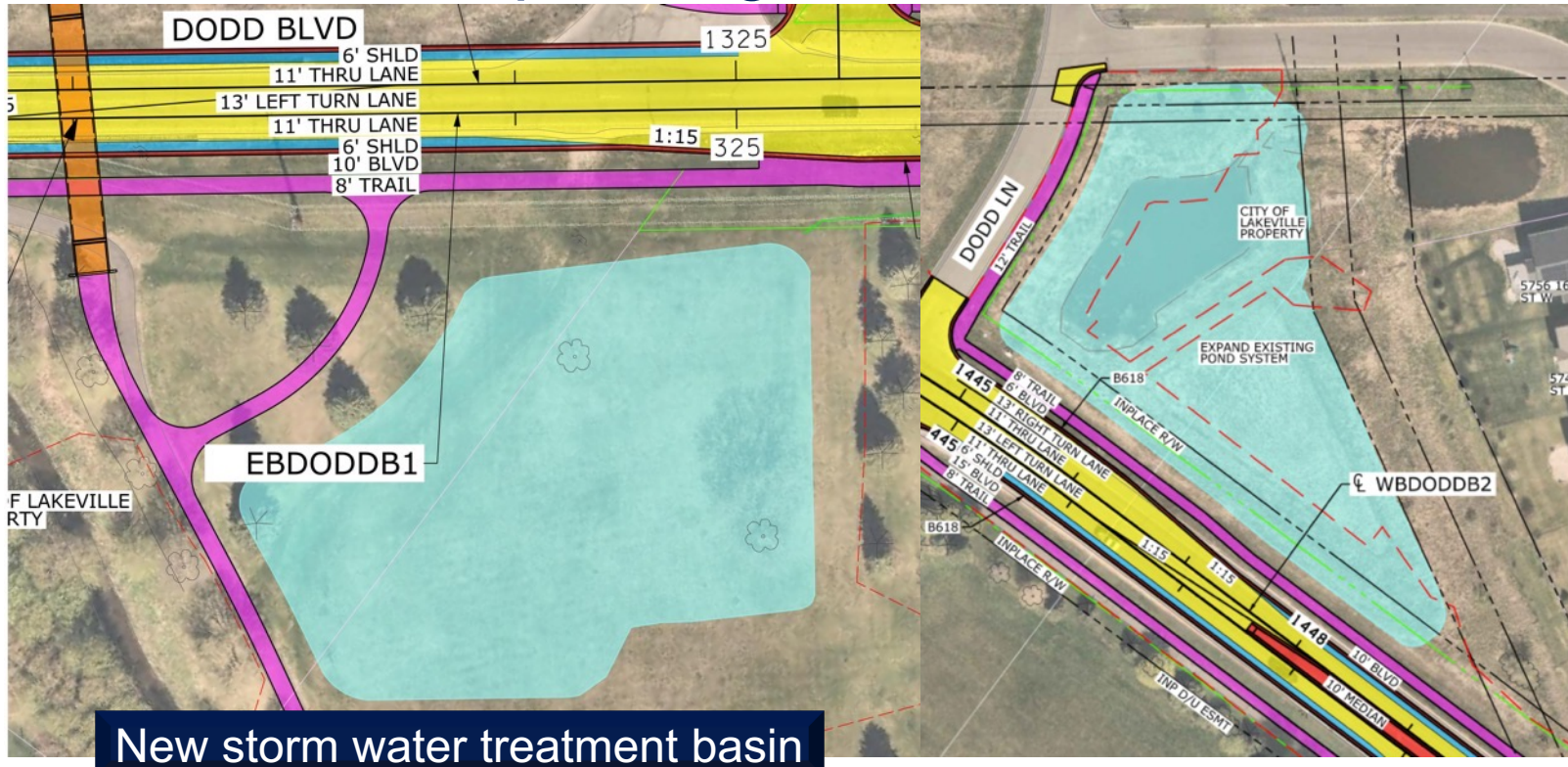


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Dodd Boulevard Layout Highlight No. 4

Stormwater ponding/treatment



A storm water treatment basin is being added near North Creek. This will be a dry basin except during and after rain events. This infiltration allows the water to recharge the aquifer and reduce direct discharge of the roadway runoff into North Creek, capturing pollutants and sediment.

The existing storm water treatment basin near Dodd Lane will also be expanded with this project.

Proposed Dodd Boulevard Detour



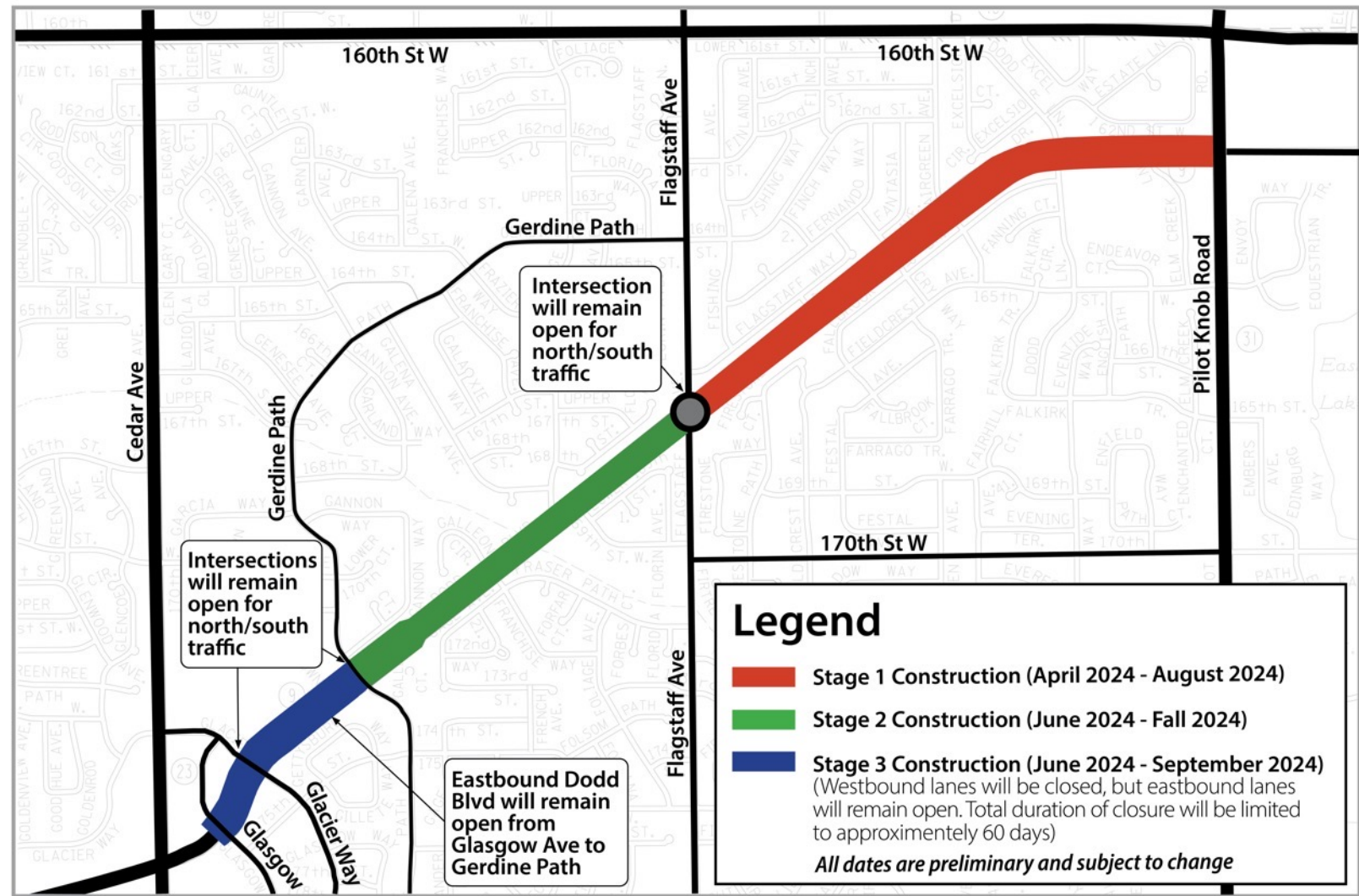
A signed detour route will be provided to assist regional traffic in navigating the Dodd Boulevard Closure.

There may be additional short-term closures that will be communicated to the public in advance.

Glacier Way, Gerdine Path, and Flagstaff Avenue will remain open to north/south traffic across Dodd Boulevard for the duration of the project.

Eastbound Dodd Boulevard will remain open from Cedar Avenue to Gerdine Path.

Construction Staging



Please provide feedback!

An interactive **Comment Map** is located on the project website www.doddblvdcr9.com under the tab as shown below.

The proposed design layout is shown on the map to aid in adding comments on the proposed improvements.



Home Comment Map Public Involvement Project Documents Connect with us



Construction Impacts and Right of Way

Lack of in-place right of way in certain sections will require property acquisitions from adjacent property owners to accommodate widening and trail improvements.

Existing trees and shrub screening near the roadway will be impacted with the new road section and sight distance needs. The design has taken into account minimizing removal of screening and preserving existing buffers as much as possible.

We will be partnering with property owners on impacts to their properties to make the necessary improvements.

Letters have been sent to impacted property owners to get the conversation started on what types of impacts can be expected.



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How will your feedback be utilized?



Your questions and comments will be gathered following Open House #4 and will be incorporated into a summary and posted on the project website in January 2023.



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Next Steps



Spring 2023 - Fall 2023
New County Road 9 (179th Street) Construction



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Stay Connected!



Website: Subscribe on www.doddblvdcr9.com/connect-with-us to receive news & updates



Interactive Map: Located at www.doddblvdcr9.com/comment-map



Contacts: Call **Matt Parent**, Project Manager, Dakota County at **952.891.7271**

or **Alex Jordan**, Assistant City Engineer, City of Lakeville at **952.985.4503**



Email: DoddBlvdCR9@co.Dakota.mn.us



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