



County Highway 42 Modernization Project, Apple Valley Open House

Dakota County Transportation & Apple Valley Public Works
June 3, 2025



Presentation Outline



2

1. Welcome!
2. Project background
 - Co Hwy 42 corridor study and vision
 - Project area needs and goals
3. Proposed Co Hwy 42 improvements – ***Open House Format***

Today's Meeting

- Thank you for participating!
- 3rd Open house meeting
- Project team now sharing design updates ahead of 2027 construction
- Work will be next to properties on County 42, including properties on the frontage roads



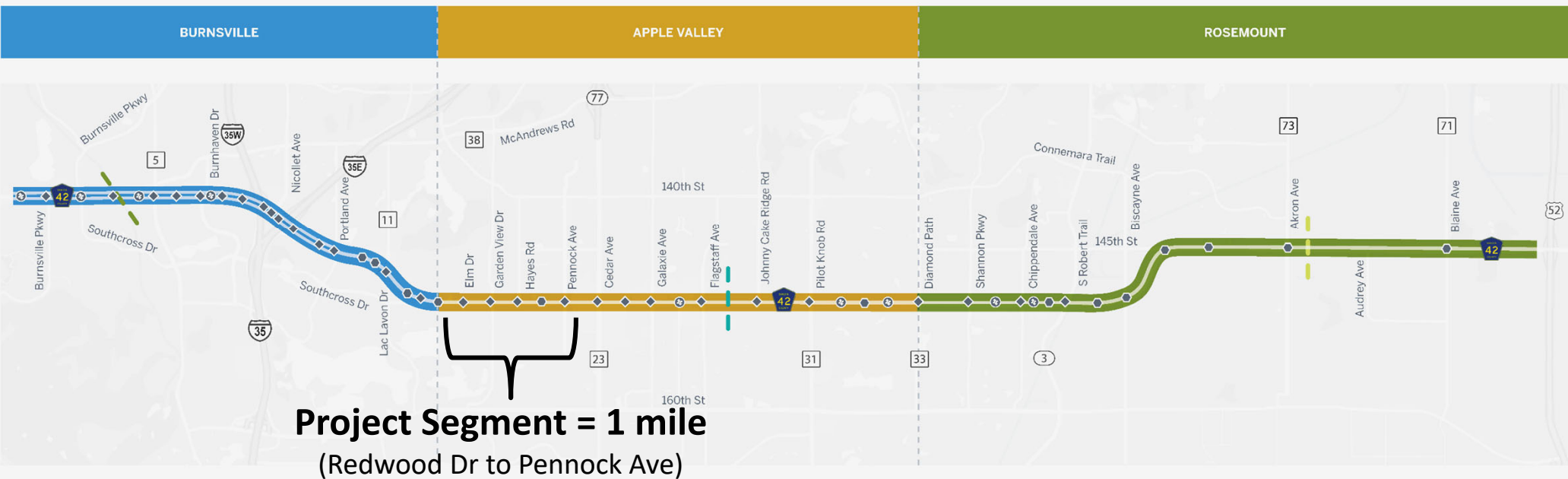
Public Open House (June 2024)



County Highway 42 Management Plan (2022)



4



- 15-mile study corridor – principal arterial (PA) highway
- 31 signalized intersections + approximately 90 non-signalized intersections
- With Cities, adopted strategies and concepts for intersections and segments

Overall Highway 42 Vision and Goals

- ✓ **Reduce or defer need for Highway 42 expansion** (through use of intersection controls)
- ✓ Maximize safety and minimize delays (30,000 vehicles/day)
- ✓ Maintain & improve corridor functions, serving all travelers
 - 2040 travel demand and beyond
 - **All traveler modes** – ped, bike, bus transit, & motorists



Modernization Project Highlights



- **Replace obsolete infrastructure** – pavement, signals, underground utilities, retaining walls, intersection details, lighting
- **No expansion** of Highway 42 through lanes
- **Improve safety** and links for all travelers – upgrade intersections, add to trails & sidewalks, enhance crossing features for pedestrians/bikes
- **Maintain travel efficiency** in a mostly residential area while managing speed on County 42
- **2027 construction** – Working on design details, including with adjacent property owners

Project Improvements



1. **New underpass under Co Hwy 42** for pedestrians and bicyclists to cross to each side of Redwood Park ...concurrent with...
 2. **Elm Drive modification** to manage left turns; remove the traffic signal
 3. **Garden View Drive reconstruction** to improve turn lanes, pedestrian crossings; replace signals
 4. **Hayes Road reconstruction** to improve turn lanes, pedestrian crossings, and the retaining wall; replace signals
 5. **147th Street reconstruction** to manage left turns and improve multi-use trails east to Pennock Avenue
- ❖ **Co Hwy 42 reconstruction**, including the frontage roads, underground utilities

Redwood Park South

- 16ft x 10ft pedestrian underpass or “tunnel” under Hwy 42
- Ample lighting in tunnel for users
- Accommodate maintenance vehicles

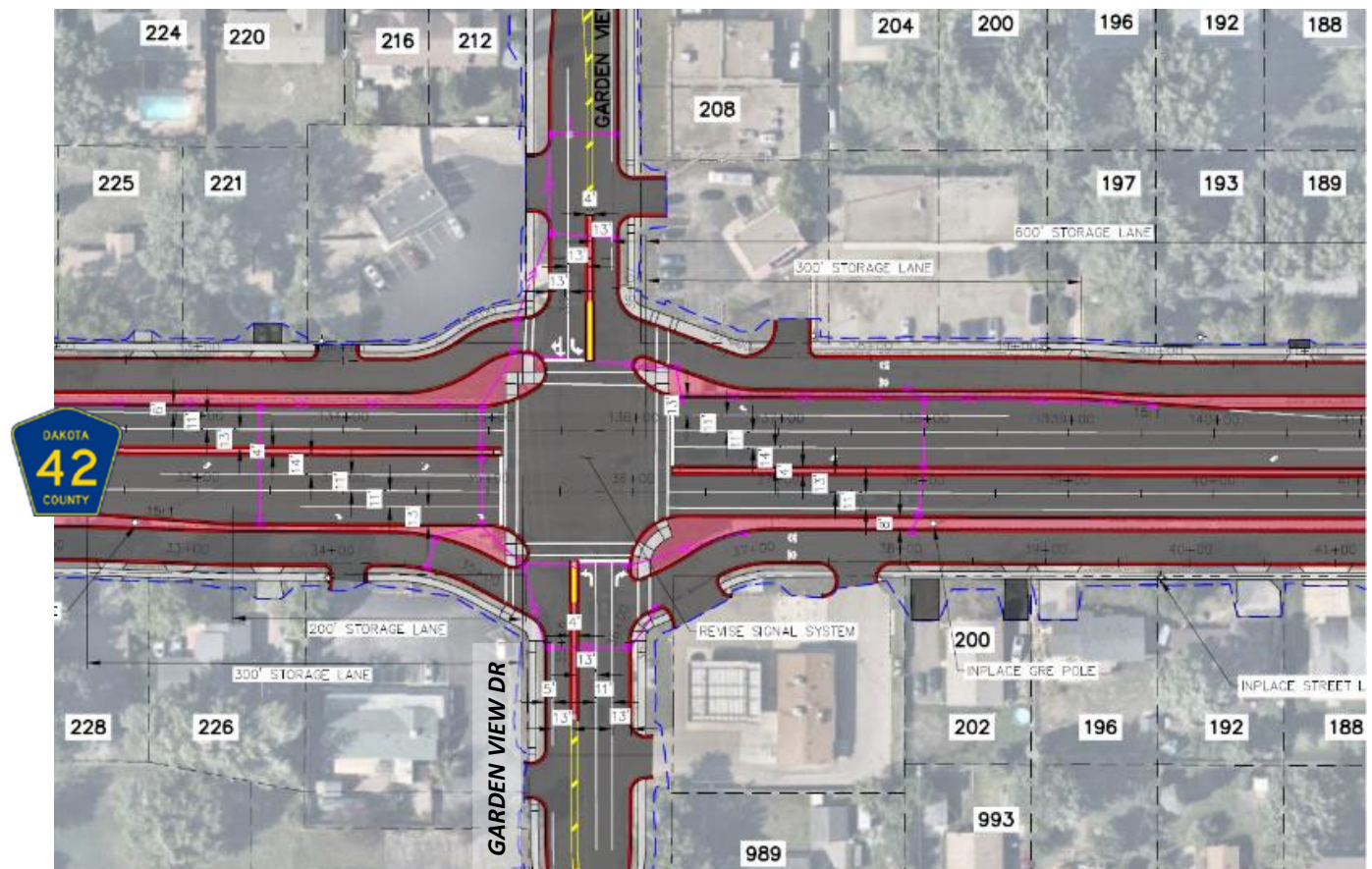


Rendering of trail and underpass looking north

Garden View Drive Recommendation

- ✓ Turn lanes added or improved
- ✓ Medians help limit expansion while reducing traffic conflicts
- ✓ Large Trucks may use the median ends to maneuver
- ✓ Sidewalks and crosswalks along Hwy 42, guiding across Garden View Dr
- ✓ Medians will eliminate need for motorists on Garden View Dr to leave a gap open at the frontage roads

Add medians on Garden View Dr, minimal length



Frontage Road Recommendation (typical)

- Two-way frontage roads
- Shared lanes (motorists and bikes), with special pavement markings – “sharrow”
- 5-foot sidewalk
 - New sidewalk - N frontage rd.
 - Replace existing – S frontage rd.
- City utility replacements help support full reconstruction
- Team needs to work on details with adjacent property owners



Hayes Road and Retaining Wall

- Improved pedestrian ramp crossing Hwy 42
- New retaining wall from Kent Lane to 147th Street
- Closure of the Kent Lane opening to Co 42
- Improved opening at 147th Street intersection



Construction Phasing

■ Year 1 ■ Year 2 ● Right-in/Right-out Access at intersection ● Right-in Access at intersection ● Temporary Signal During Construction



- Two-year construction timeline (2027-2028)
- Two-way traffic maintained throughout construction
- Temporary traffic signal at Garden View Drive intersection
- Side Street access being evaluated
- Signal timing improvements at adjacent intersections
- Marked detour for regional traffic

Schedule

	2023	2024	2025	2026	2027	2028
PRELIMINARY DESIGN Fall 2023 - Spring 2025	■	■	■			
OPEN HOUSE #1 Fall 2023	■					
OPEN HOUSE #2 Summer 2024		■				
OPEN HOUSE #3 Summer 2025			■			
FINAL DESIGN/RIGHT-OF-WAY ACQUISITION Spring 2025 - Winter 2026			■	■	■	
OPEN HOUSE #4 Winter 2026				■		
CONSTRUCTION START 2027					★	■

We are
here!

Thank you!



Scan QR code to
learn more or visit
www.dakotacounty.us,
search *county highway 42*

For assistance:

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County Highway 42 Modernization Project, Apple Valley

Dakota County is planning and designing improvements to County Highway 42 from Redwood Drive to 147th Street. The project's design will be based on concepts discussed with the community as we completed the [County Highway 42 Management Plan](#).

