



# WELCOME

*to the*  
***County Highway 42***  
***MODERNIZATION PROJECT***

Open house  
June 17, 2024  
4:30 – 6:30 p.m.

***County Highway 42 MODERNIZATION PROJECT***

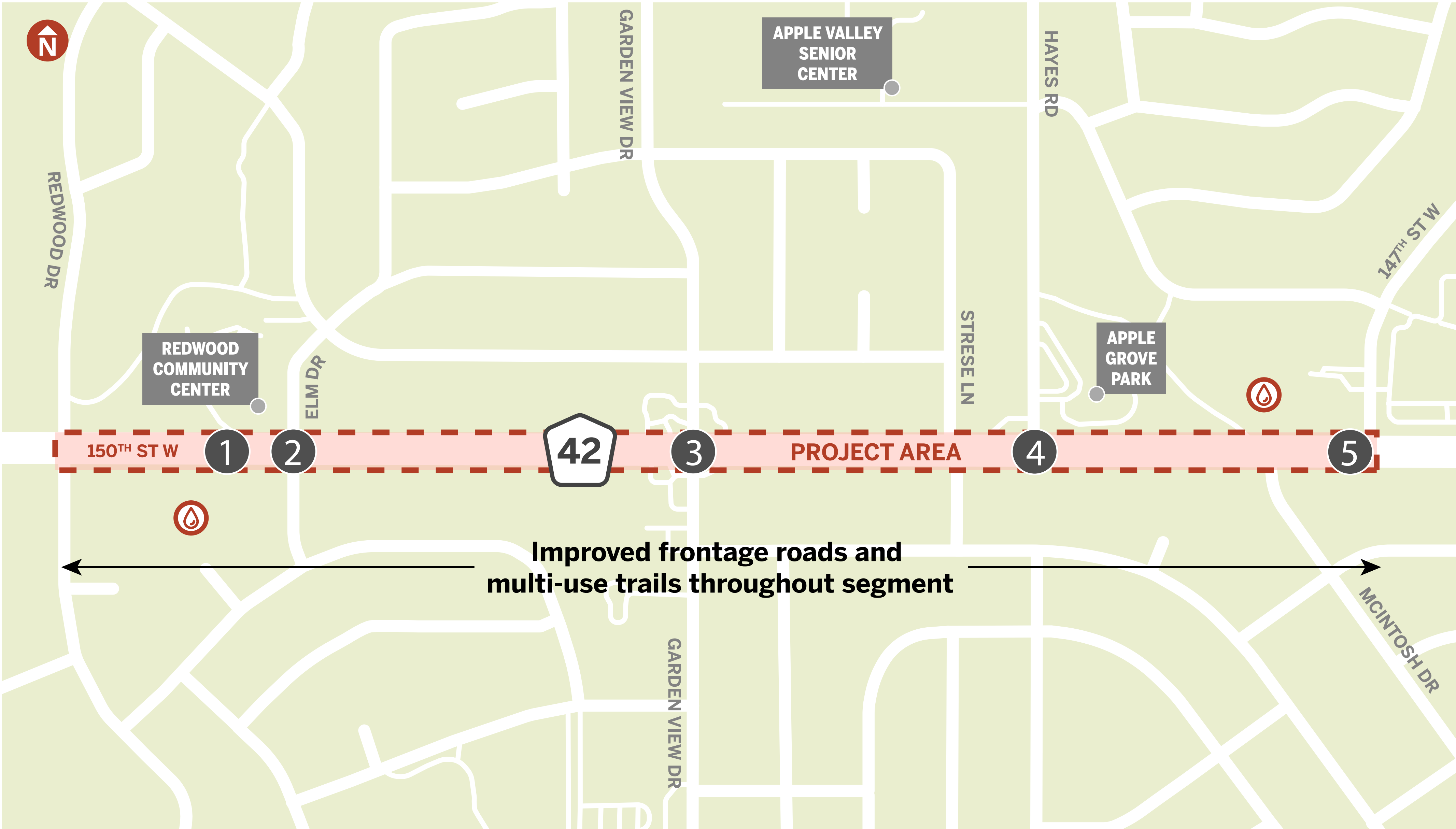


# Project Needs and Proposed Improvements



## Project Goals

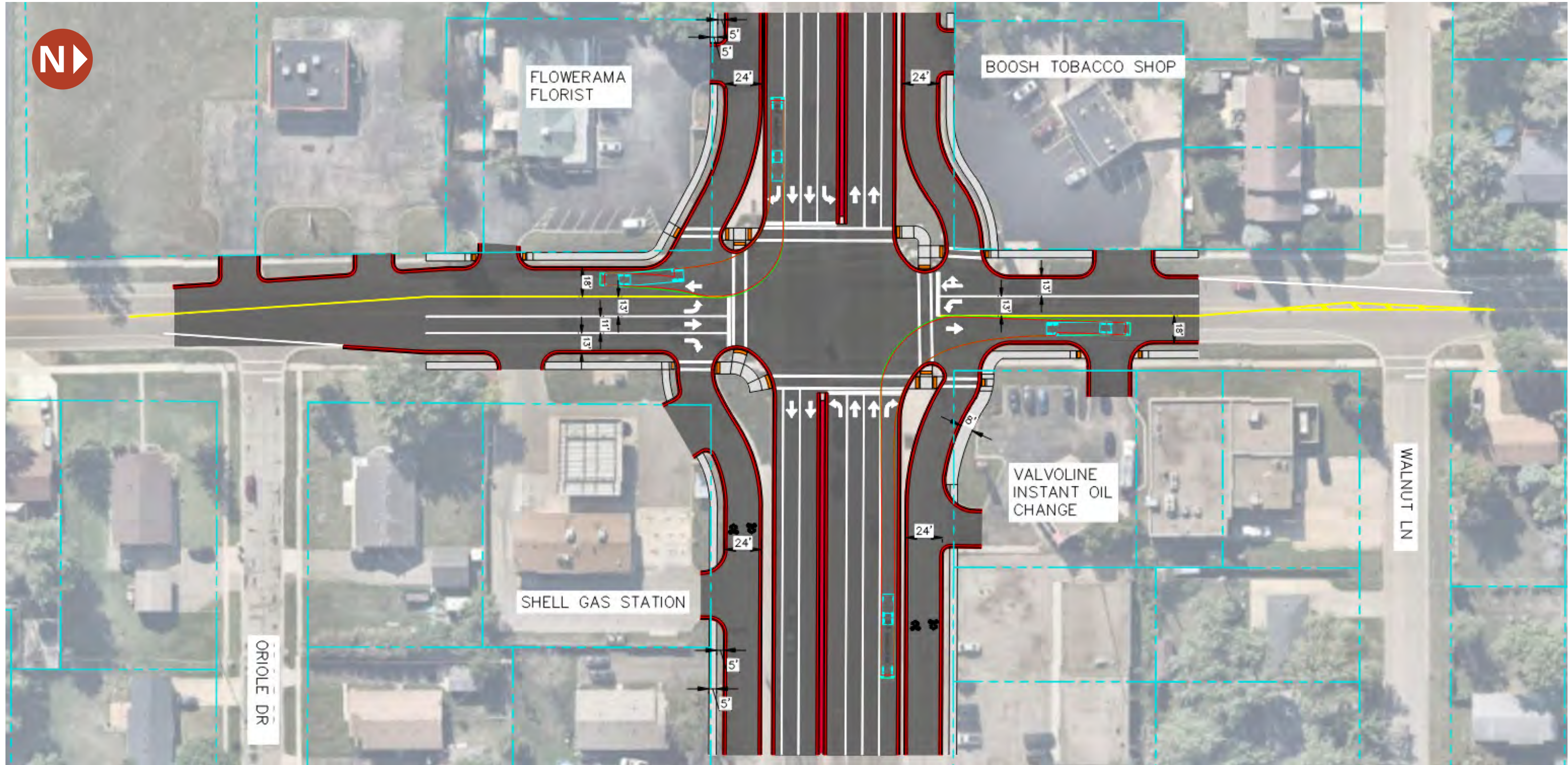
- ★ Replace obsolete infrastructure
- ★ Improve travel efficiency
- ★ Improve safety for all travelers
- ★ Begin construction by 2027
- ★ No expansion of County Highway 42 through lanes
- ★ Provide pedestrian/bicycle connectivity



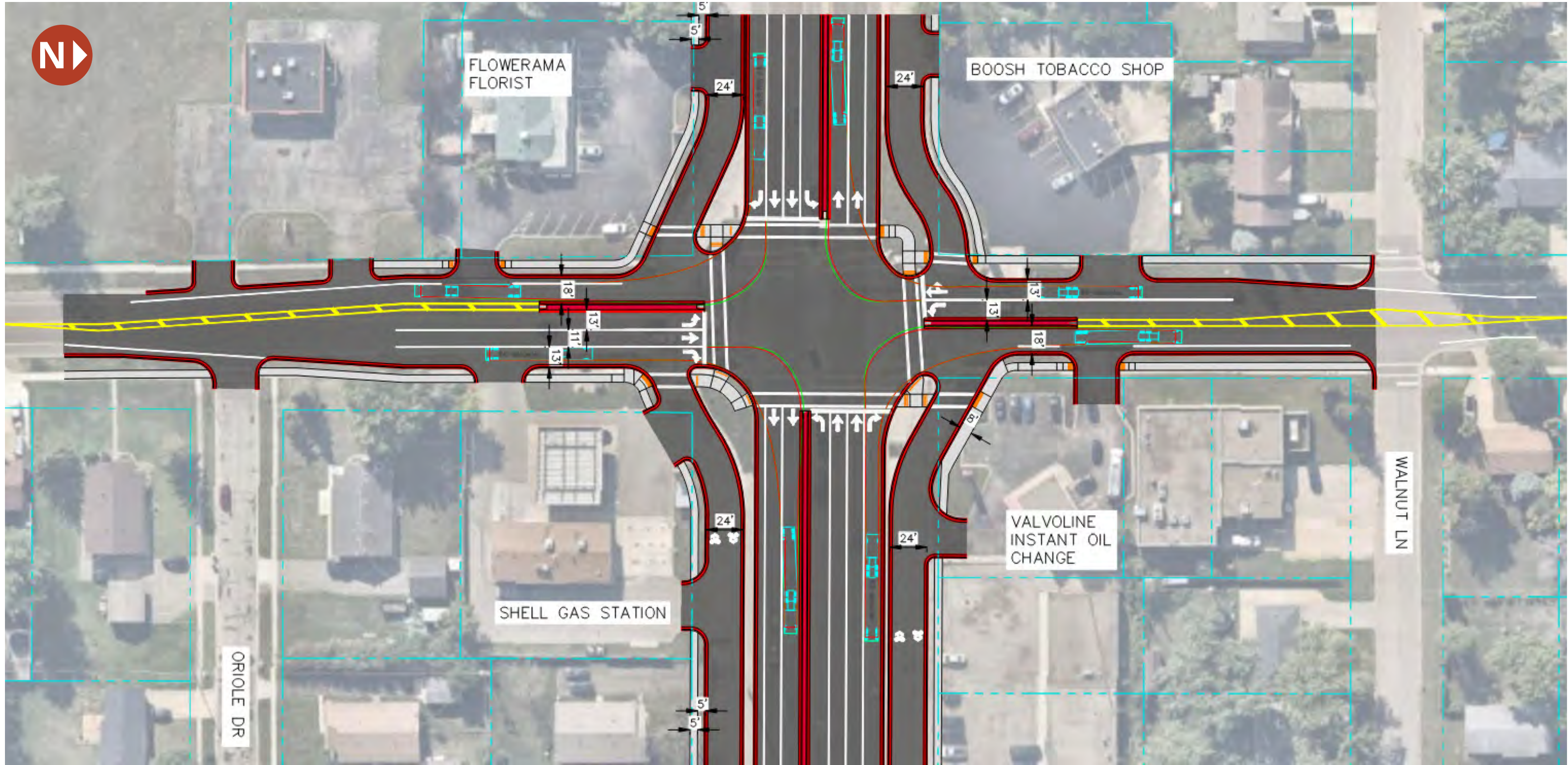
- 1 New underpass under Co Hwy 42** for pedestrians and bicyclists to cross to each side of Redwood Park concurrent with
  - 2 Elm Drive modification** to manage left turns; remove the traffic signal
  - 3 Garden View Drive reconstruction** to improve turn lanes, pedestrian crossings; replace signals
  - 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 and underground utilities
- Potential stormwater treatment area**

## County Highway 42 MODERNIZATION PROJECT

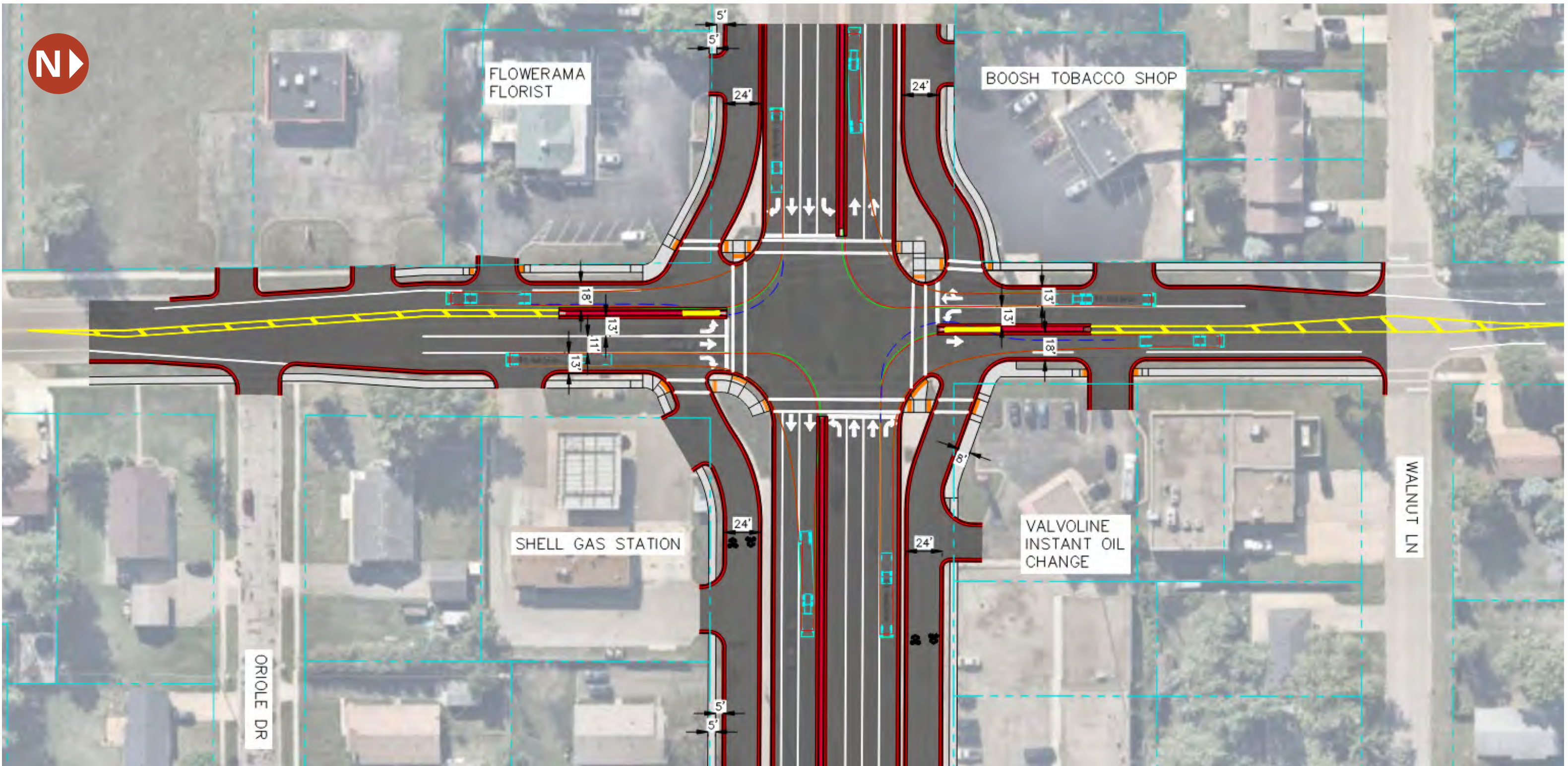
# Garden View Dr. Intersection - *Alternatives Considered*



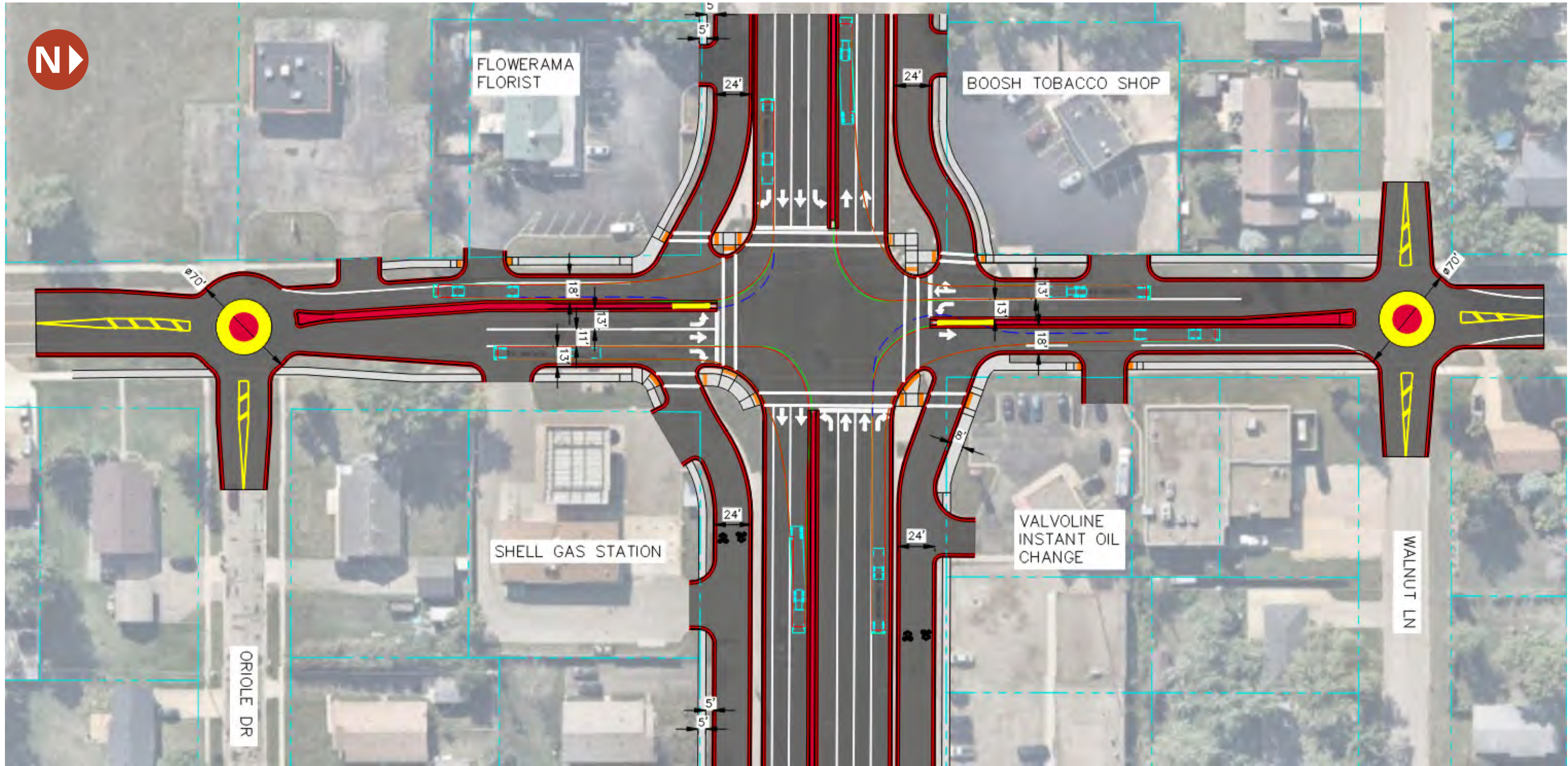
**Alternative A:** Two way frontage roads without medians at Garden View Dr.



**Alternative B:** Two way frontage roads with raised medians at Garden View Dr.



**Alternative C:** Two way frontage roads with surmountable medians at Garden View Dr.



**Alternative D:** Two way frontage roads with surmountable medians at Garden View Dr. and roundabouts

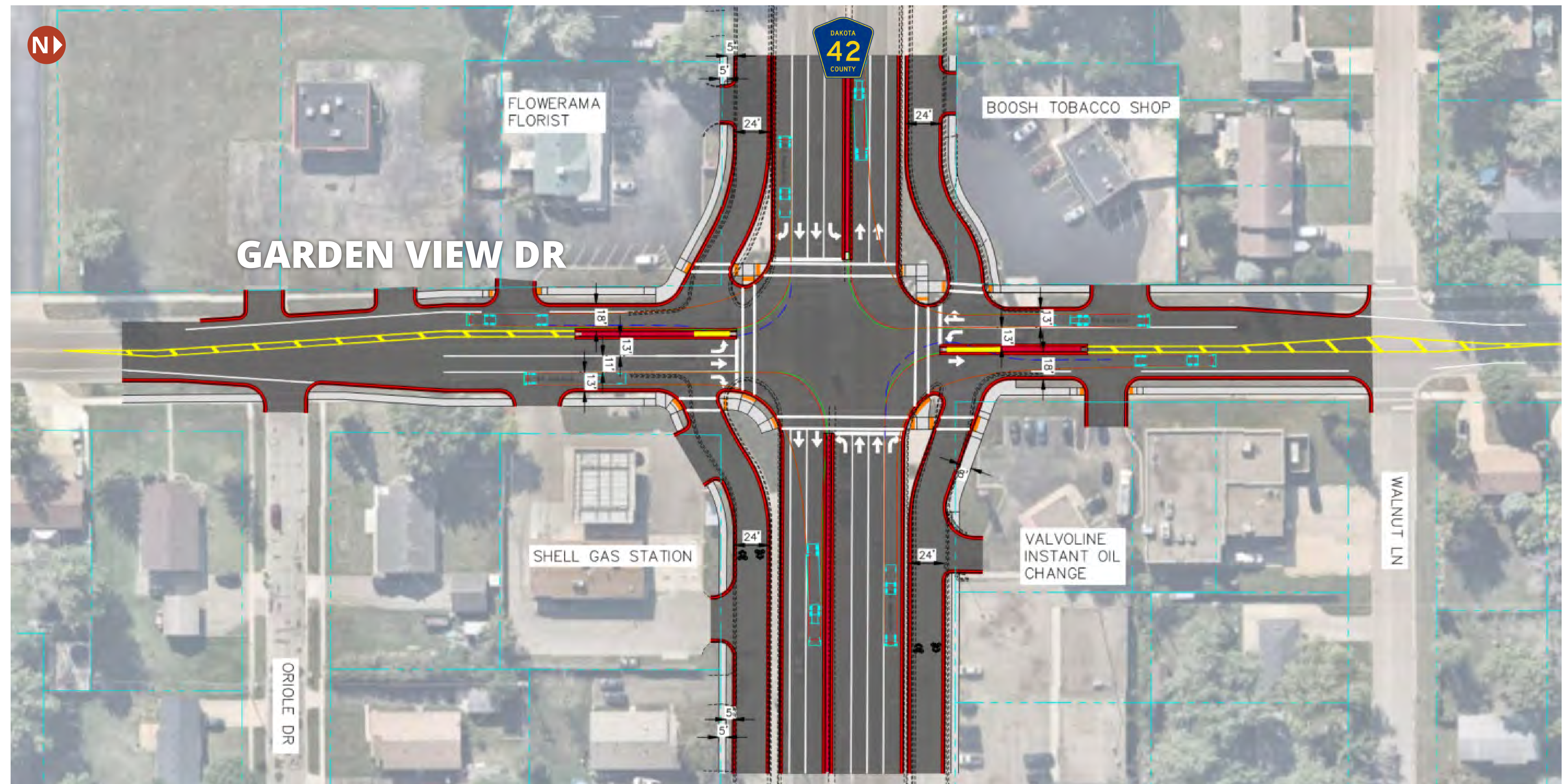
# Garden View Dr. Intersection Recommended Alternative



**Alternative C:** Add surmountable medians on Garden View Dr, minimal length

## WHY?

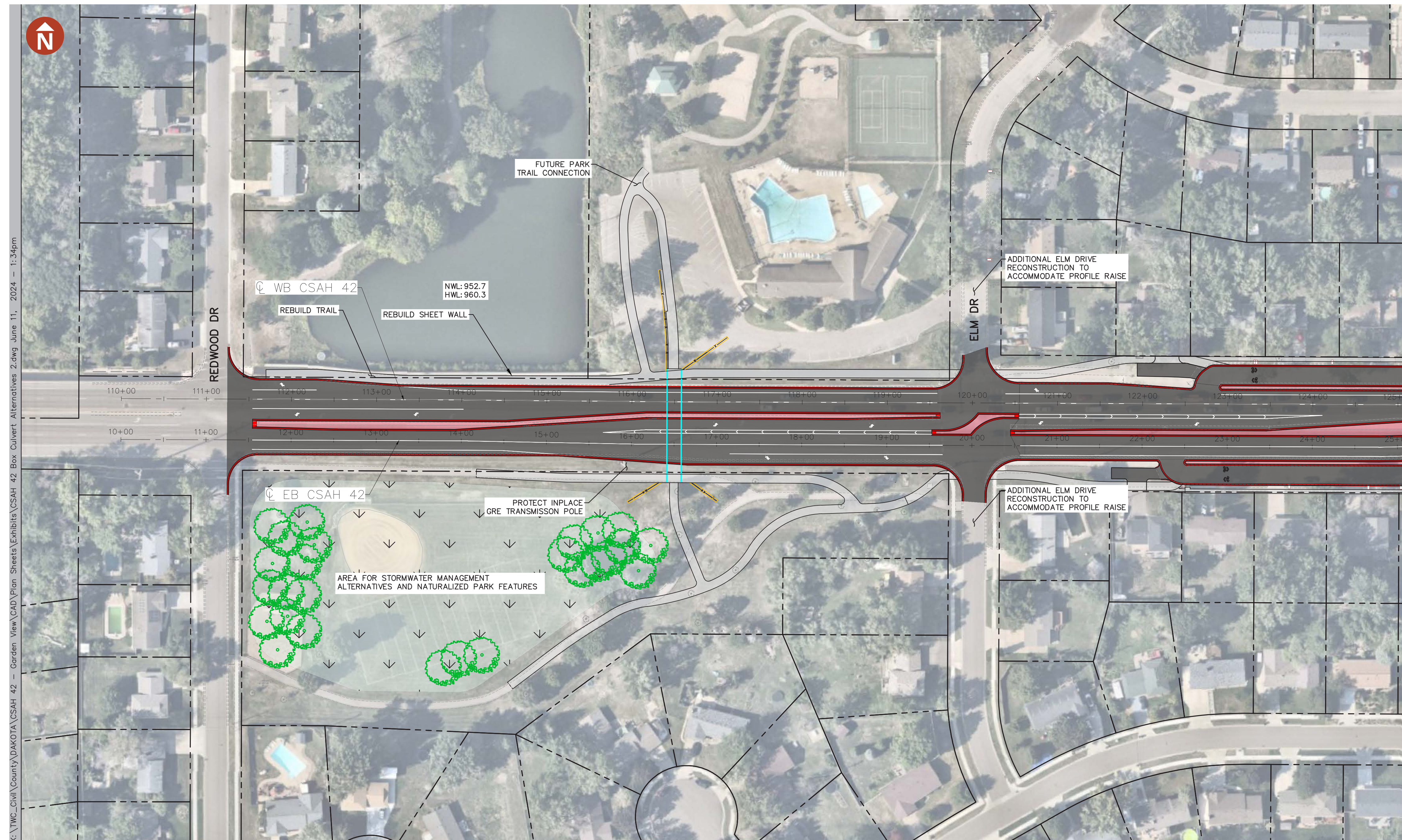
- ✓ Median helps limit expansion while reducing traffic conflicts
- ✓ Three lanes on northbound Garden View Dr. approach (Left + Thru + Right)
- ✓ Sidewalks continue though the area
- ✓ Crosswalks along Hwy 42, guiding across Garden View Dr.
- ✓ Large trucks may use the median ends to maneuver
- ✓ Alleviates need for users of Garden View Dr to leave a gap open for frontage road vehicles



**County Highway 42 MODERNIZATION PROJECT**

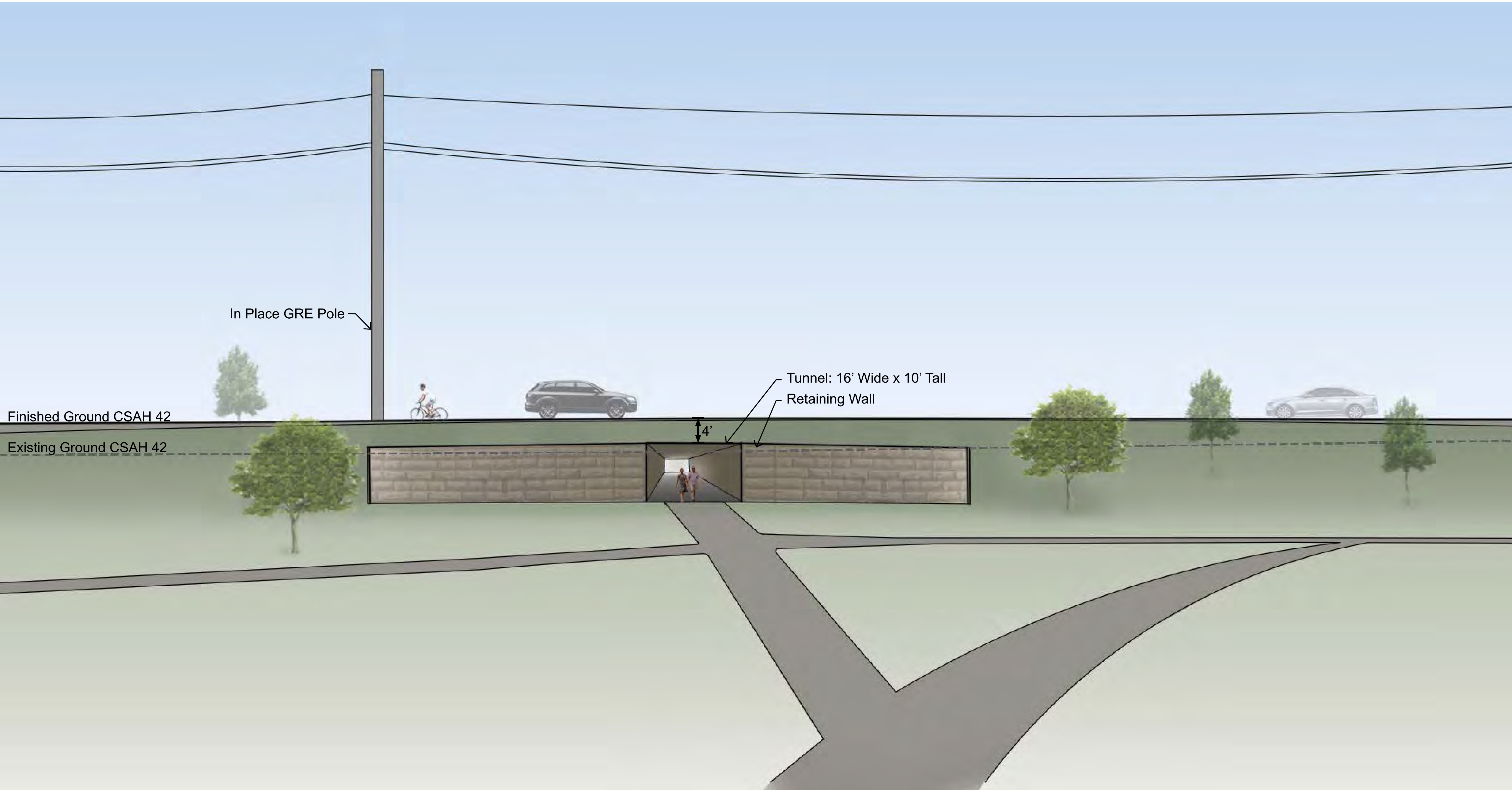
# Elm Dr./Redwood Park Pedestrian Trail Underpass and Master Plan

- Pedestrian trail underpass to be located east of Redwood Pond
- Location coordinated with City Parks' new design for Redwood Park
- City and County working together on stormwater management alternatives along the south side of Hwy 42

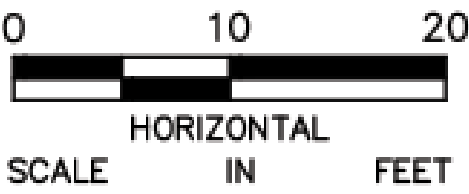


**County Highway 42 MODERNIZATION PROJECT**

# County Highway 42 from Redwood Park Visualization



Looking North Toward Redwood Park



# Frontage Road Design

***Recommended design for frontage roads from Elm Dr. to near Pennock Ave.***

- Two-way frontage roads
- Shared bikeways, marked on the frontage roads
- 5-foot sidewalk

## OTHER NOTES:

- ✓ One-way is no longer being considered
- ✓ Sidewalks would be added to the north side frontage road, and existing sidewalks would be replaced on the south side
- ✓ Sidewalks will continue through the Garden View Dr. intersection
- ✓ Aging underground utility structures must be replaced, so frontage roads will need full reconstruction (*work to begin 2026 or 2027*)



# Frontage Road Continuous Barrier Alternative



## BENEFITS

- + Reduce crash risks, collision risks with power line supports, and crashes onto frontage roads
- + Improve pedestrian/bike safety by delineating trail routing and limiting mid-block County Highway 42 crossings
- + Moderate or perceived visual and noise mitigation on frontage road segments
- + Added design flexibility to limit potential property impacts

## CONCERNS

- Additional cost and setting of precedent along frontage road areas adjacent to County Highways
- Maintenance related to snow removal
- Barrier aesthetics
- Traffic sight lines and business visibility



***County Highway 42 MODERNIZATION PROJECT***

# Hayes Road – Existing and Proposed from Frontage Road

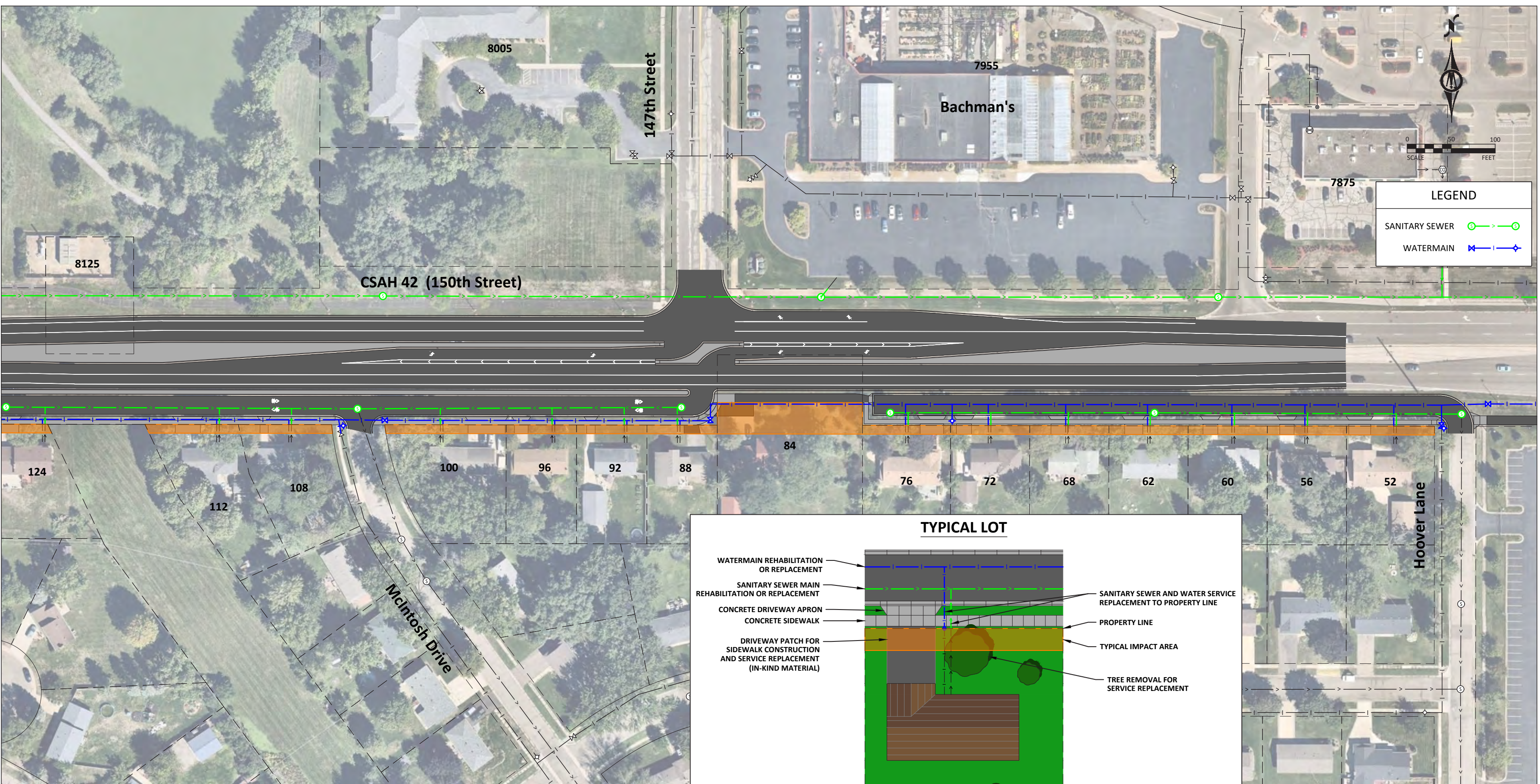
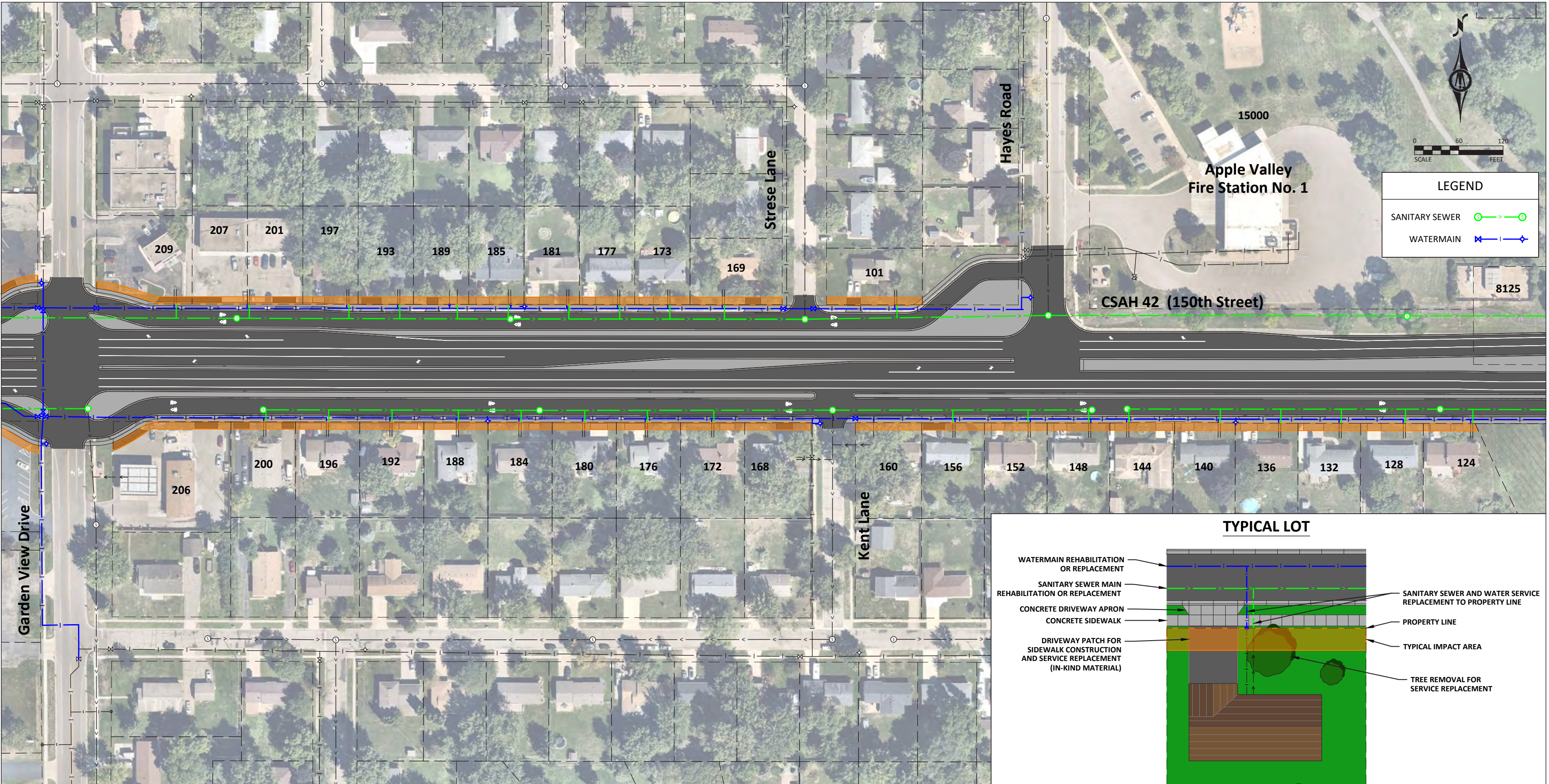
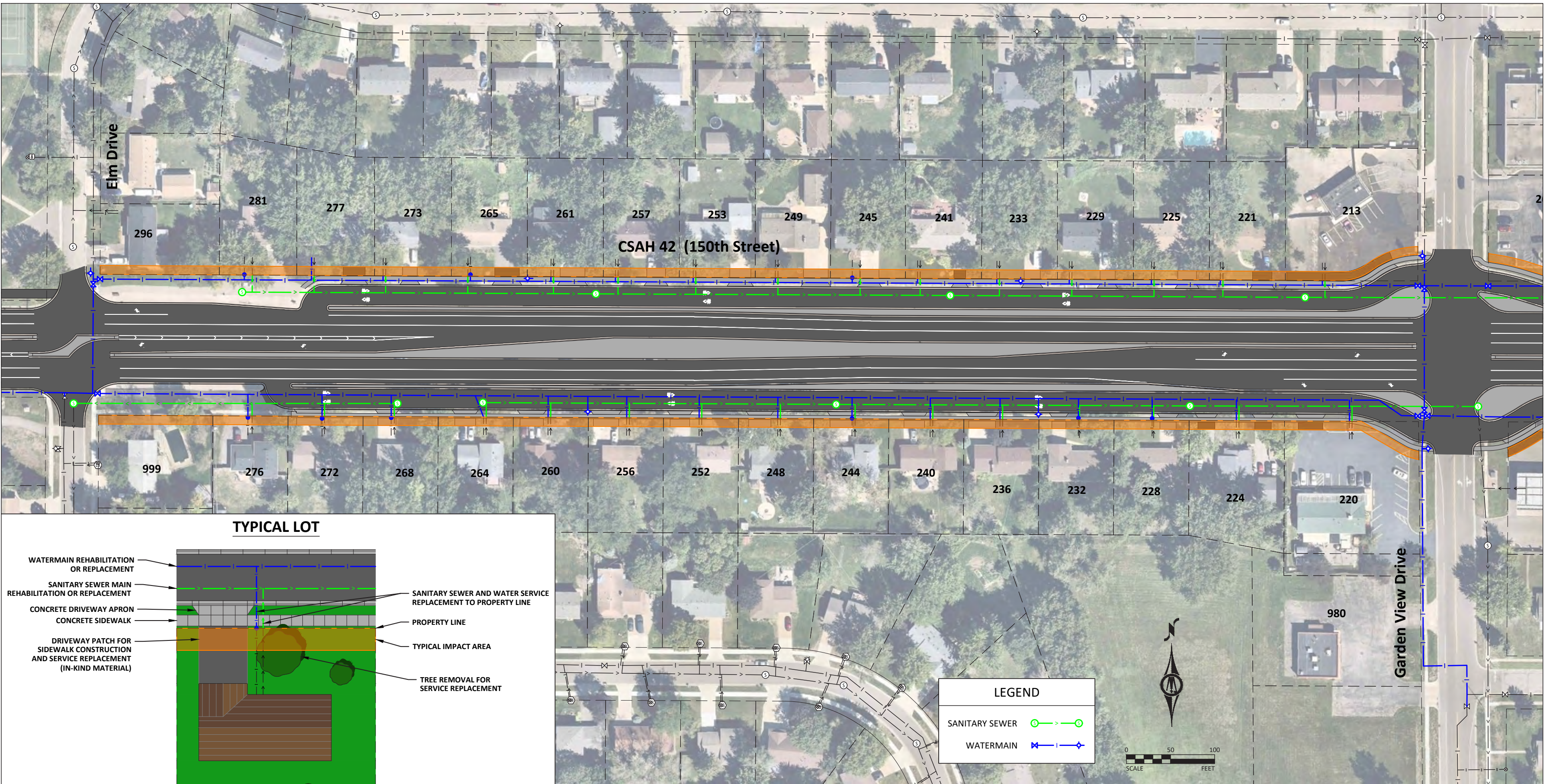


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# Hayes Road – Existing and Proposed from County Highway 42



# Sanitary Sewer and Watermain



# County Highway 42 MODERNIZATION PROJECT

# Schedule



	2023				2024				2025				2026				2027			
<b>PRELIMINARY DESIGN</b> Fall 2023 - Summer 2024																				
<b>OPEN HOUSE #2</b> Spring/Summer 2024																				
<b>FINAL DESIGN/ RIGHT-OF-WAY ACQUISITION</b> Summer 2024 - Winter 2026																				
<b>OPEN HOUSE #3</b> Fall/Winter 2024-2025																				
<b>FINAL DESIGN/ RIGHT-OF-WAY ACQUISITION</b> Summer 2024 - Winter 2026																				
<b>CONSTRUCTION START</b> 2027																				

We are here!

