

Welcome

Hwy 29 - 8th Avenue to 18th Avenue Public Open House

Tuesday, March 11 from 5:00-7:00 pm.



What is this project about?

- Hwy 29 is being reconstructed between 8th and 18th Avenues. This reconstruction will address aging pavement, complete utility work, address access needs for people walking, improve intersection operations, and address access along the corridor. Project improvements will be developed with anticipated future city development to the east of Hwy 29 in consideration.
- Additionally, a mill and overlay will be completed on Hwy 29 between I-94 and 18th Avenue.
- MnDOT, in partnership with the City of Alexandria, conducted a corridor study to evaluate improvements to be made along Hwy 29 in Alexandria. The Corridor Study was completed in 2023.

Two Corridor Improvements:

8th Ave to 18th Ave

- Reconstruction

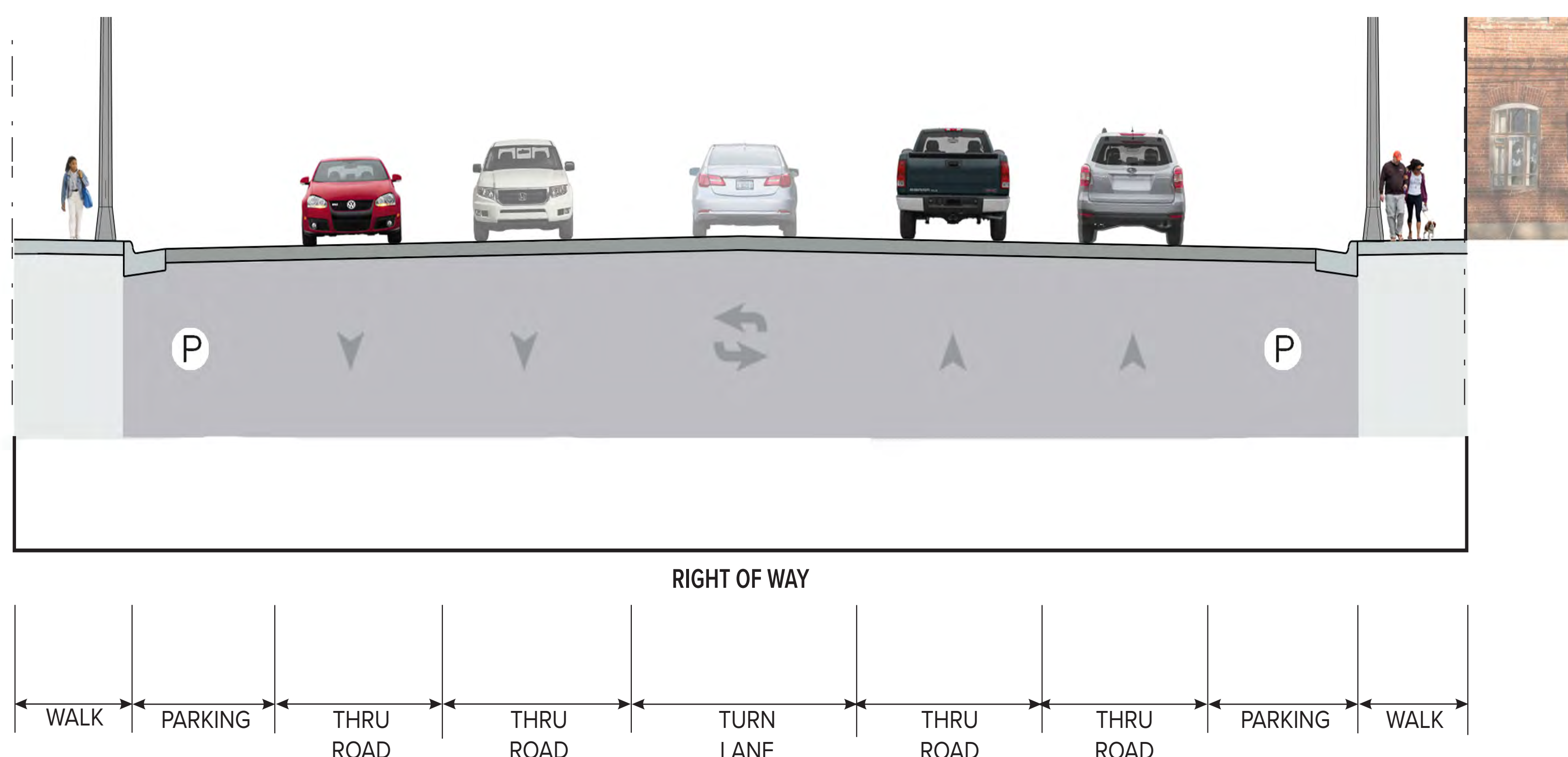
North of I-94 to 18th Ave

- Mill/Overlay
- Fiber installed to the ramp intersections south of I-94

Project Timeline



Existing condition typical section





Project Location Map



Open House Purpose

We are here to:

-  Inform the community of this upcoming project
-  Gather feedback from you on issues and needs for the Hwy 29 corridor

Topics

-  Project Background
-  Traffic Considerations
-  Proposed Project Improvements
-  Construction Staging
-  Access and Encroachments
-  Your Priorities for Hwy 29



Traffic data and findings, parking changes

Crossings with signals

- Providing pedestrian crossings with signals will allow people to cross busy roadways safely.

Reduced parking along Hwy 29

- While studying the road, there was never more than 29% of available parking space being used. Out of more than 60 businesses between 8th Ave and 18th Ave, less than 5 don't have any off-street parking. However, all businesses have side-street parking available on either side of their block. Reduced parking also benefits the crossing distance at intersections for non-vehicular users.









Flashing Yellow Arrow


- Adding flashing yellow left-turn arrows allows for more vehicles to safely pass through the intersection when compared to a traditional signalized intersection with three-arrow, red, yellow, and green indications.

Increased Mobility

- Updated signal phasing and pedestrian improvements will increase mobility for vehicular and non-vehicular movements. The updated road design will accommodate potential increased vehicle traffic in the future.

2019 - 2023 Crash History Summary (Severity)

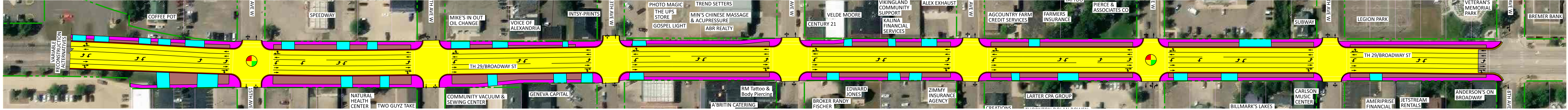
Crash Severity	Number of Crashes			
	Hwy 29 at 15th Ave	Hwy 29 at 17th Ave W	Hwy 29 at 17th Ave E	Hwy 29 at 18th Ave
K (Fatality Crashes)	0	0	0	0
A (Serious Injury)	0	0	0	0
B (Minor Injury)				0
C (Possible Serious Injury)		0		
PD (Property Damage)		0		0

 = 1 crash

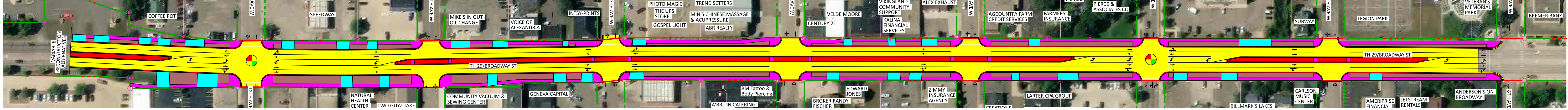
Note: Hwy 29 at 13th Ave did not have any reported crashes within the study period.

Proposed Corridor Alternatives

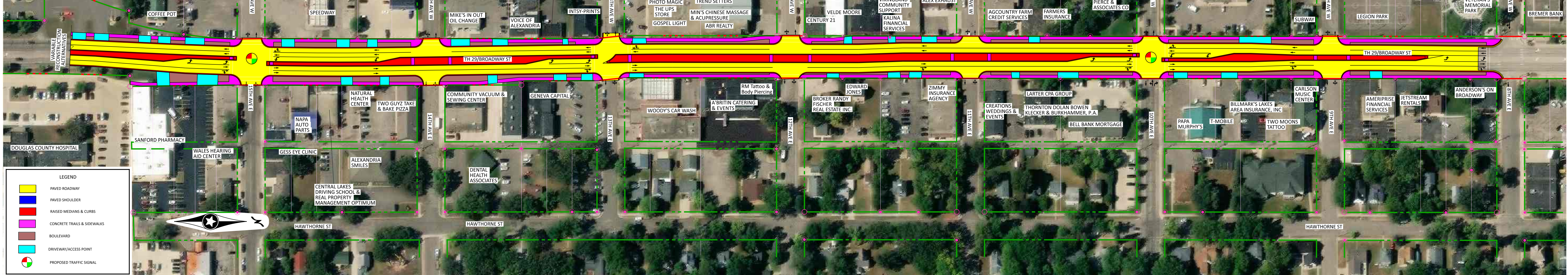
Corridor Option 1: 5-Lane, No Median with Two-Way Left-Turn Lane



Corridor Option 2: 4-lane, with Raised Median and no Left-Turn Separation

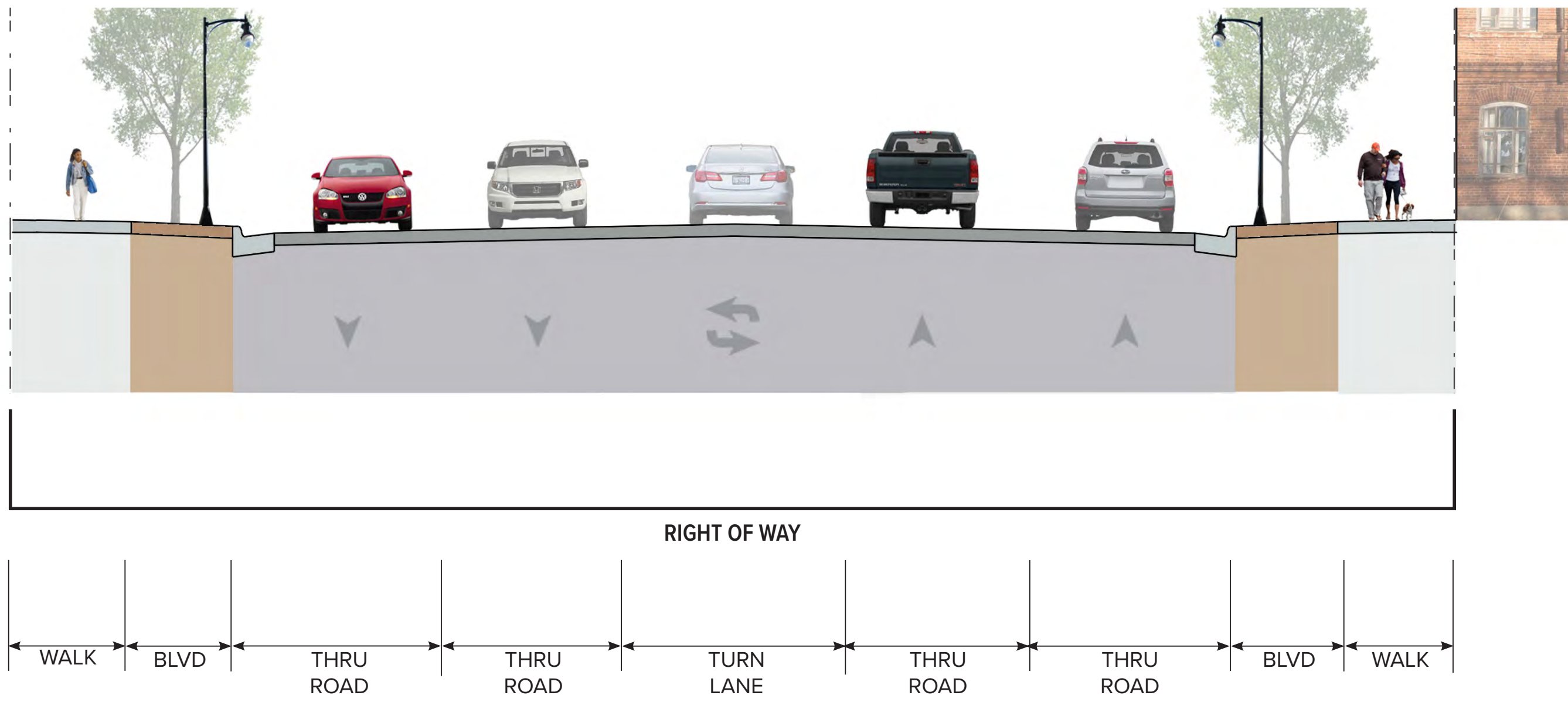


Corridor Option 3: 4-Lane, with Widened Raised Median and Left-Turn Separation



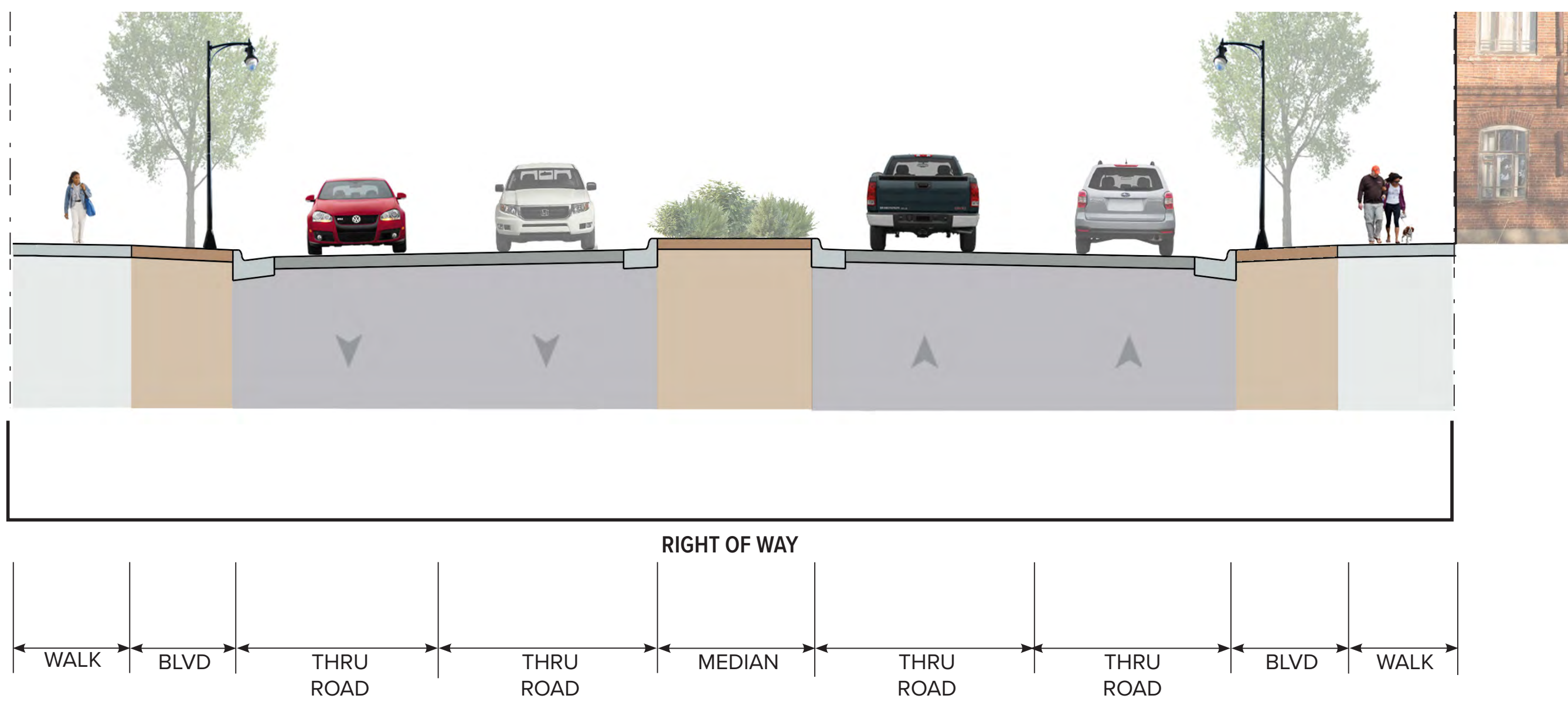
Proposed Corridor Alternatives

Corridor Option 1: 5-Lane, No Median with Two-Way Left-Turn Lane



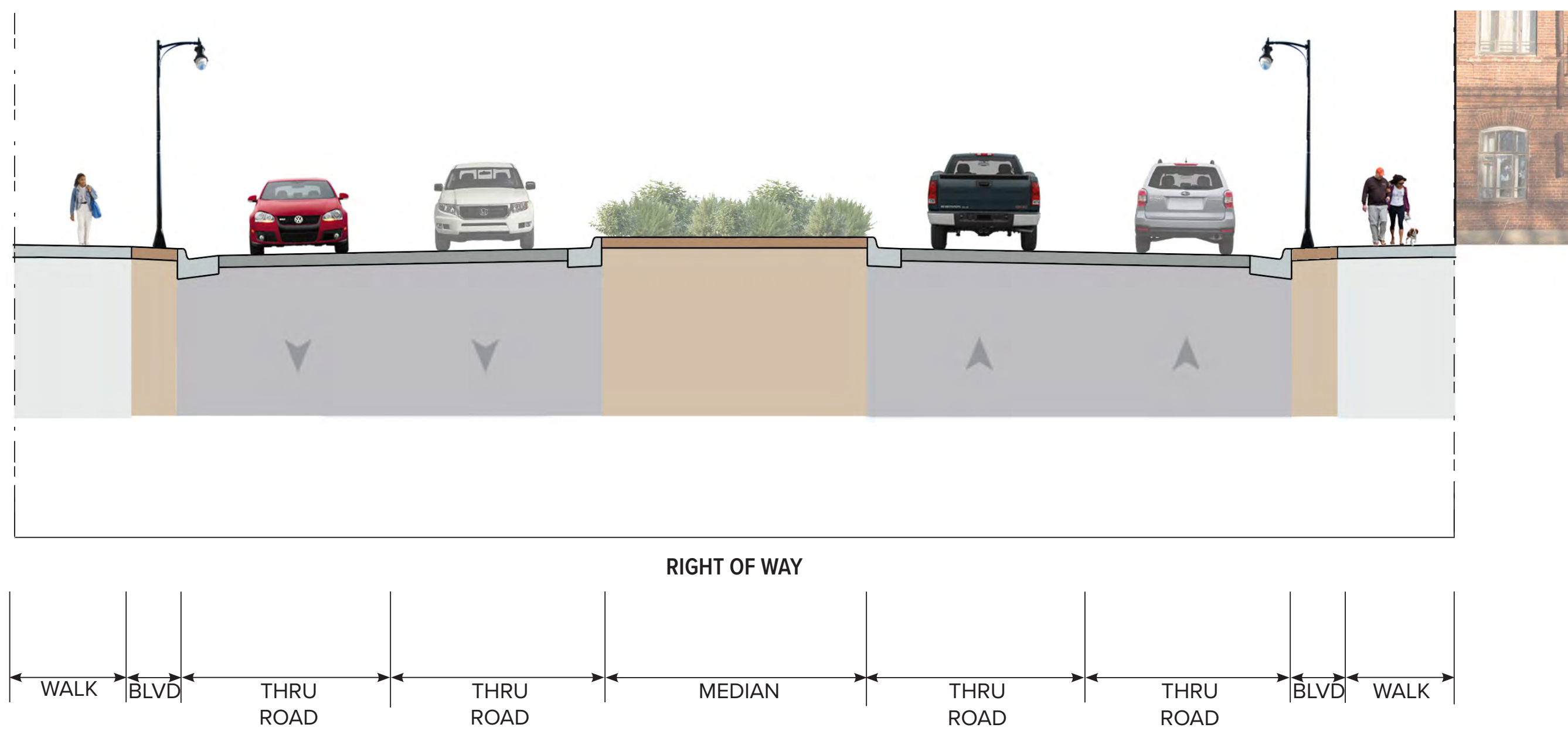
- Two Lanes Southbound and Northbound
- Continuous Two-Way Left Turn Lane Between Intersection Left-Turn Lanes
- No Raised Medians Between 15th Ave and 8th Ave

Corridor Option 2: 4-lane, with Raised Median and no Left-Turn Separation

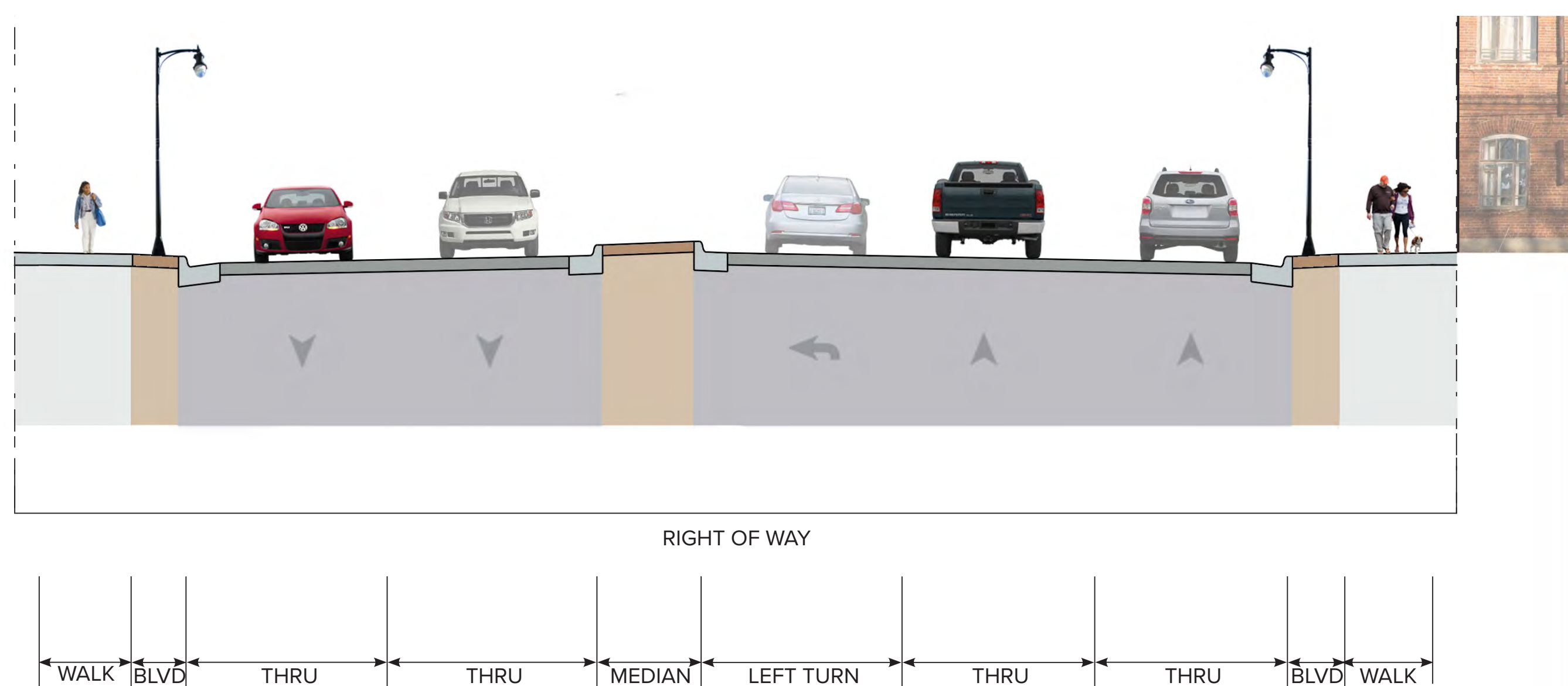


- Two Lanes Southbound and Northbound
- Raised Median Between Intersection Left-Turn Lanes
- No Raised Median Separating Left-Turn from Opposing Traffic

Corridor Option 3: 4-Lane, with Widened Raised Median and Left-Turn Separation

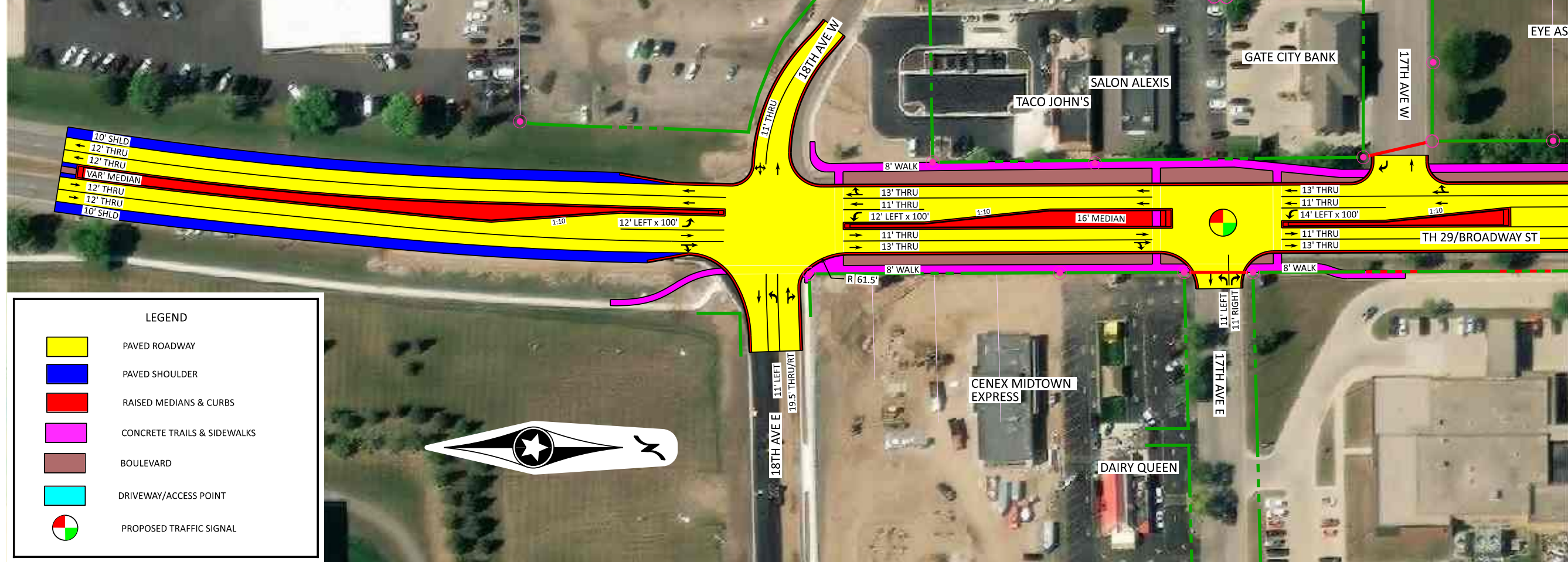


- Two Lanes Southbound and Northbound
- Raised Median Between Intersection Left-Turn Lanes
- Raised Median Separates Left-Turn from Opposing Traffic

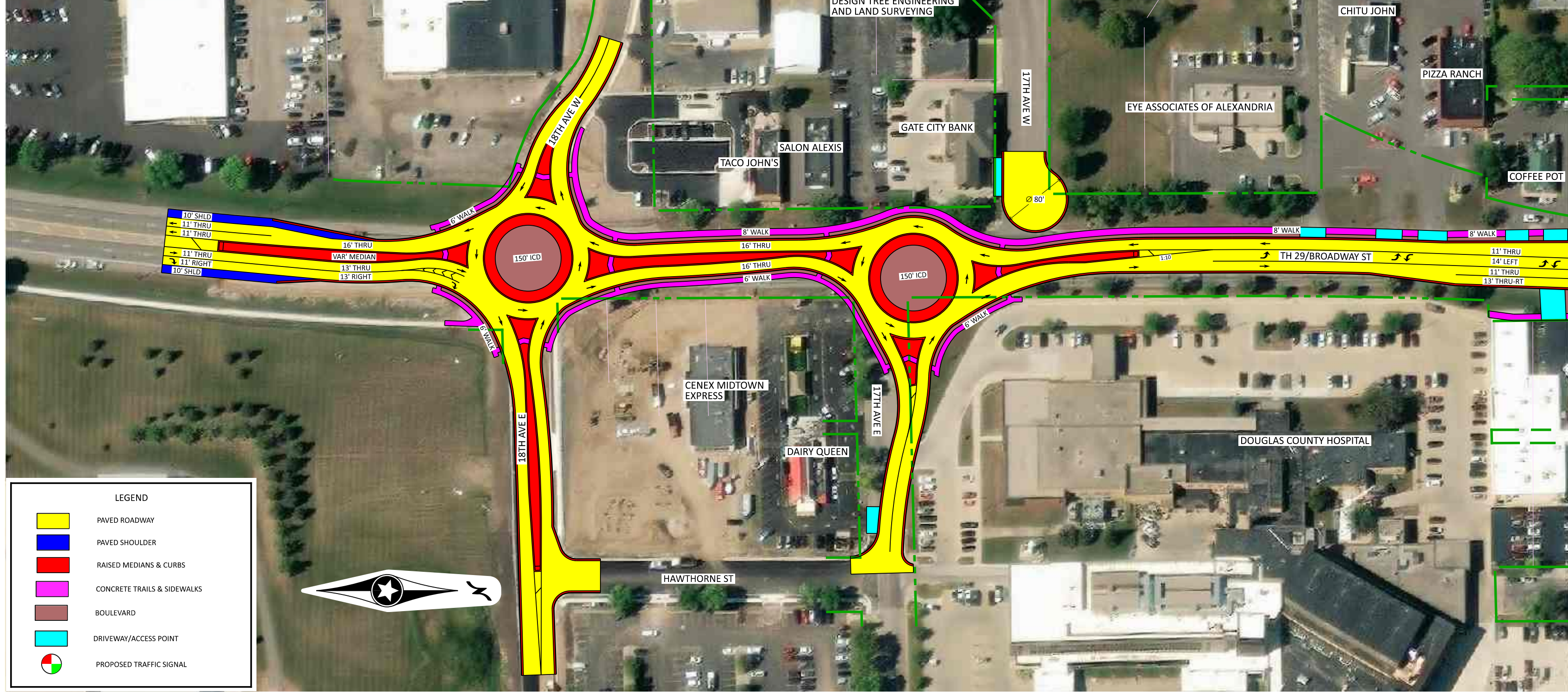


Proposed Intersection Options

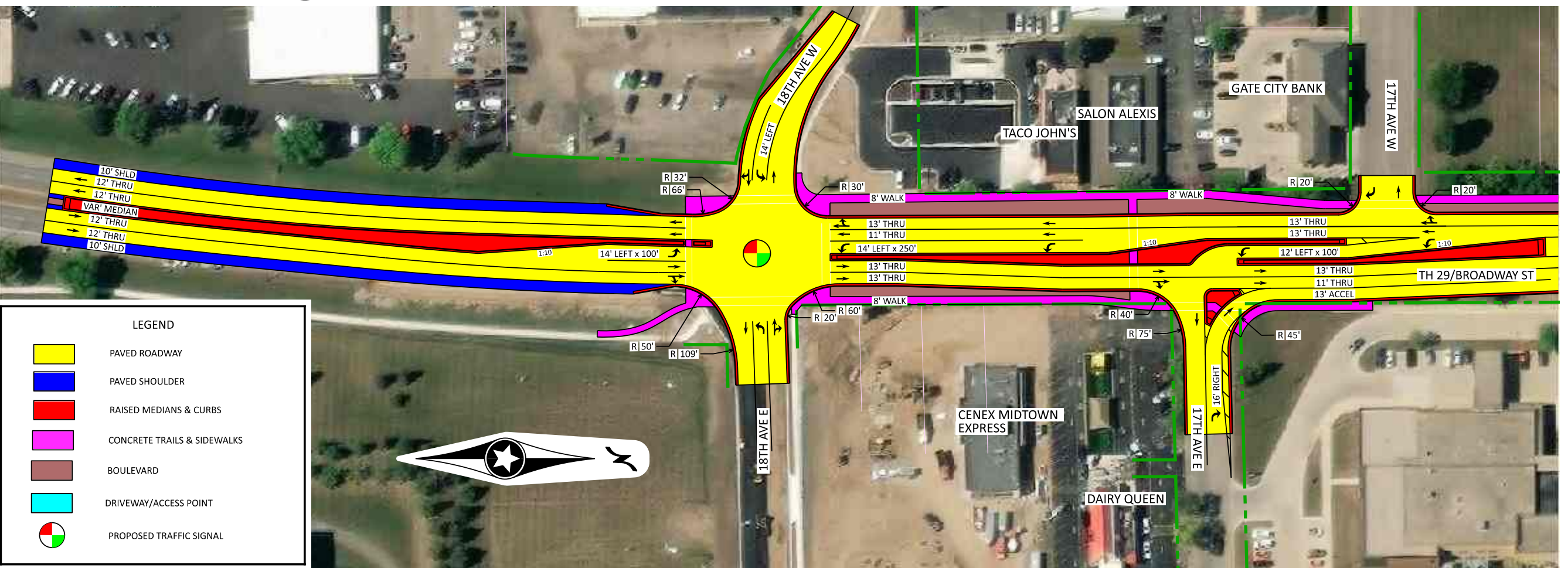
Hwy 29 - Signal at 17th Ave (Existing Condition)



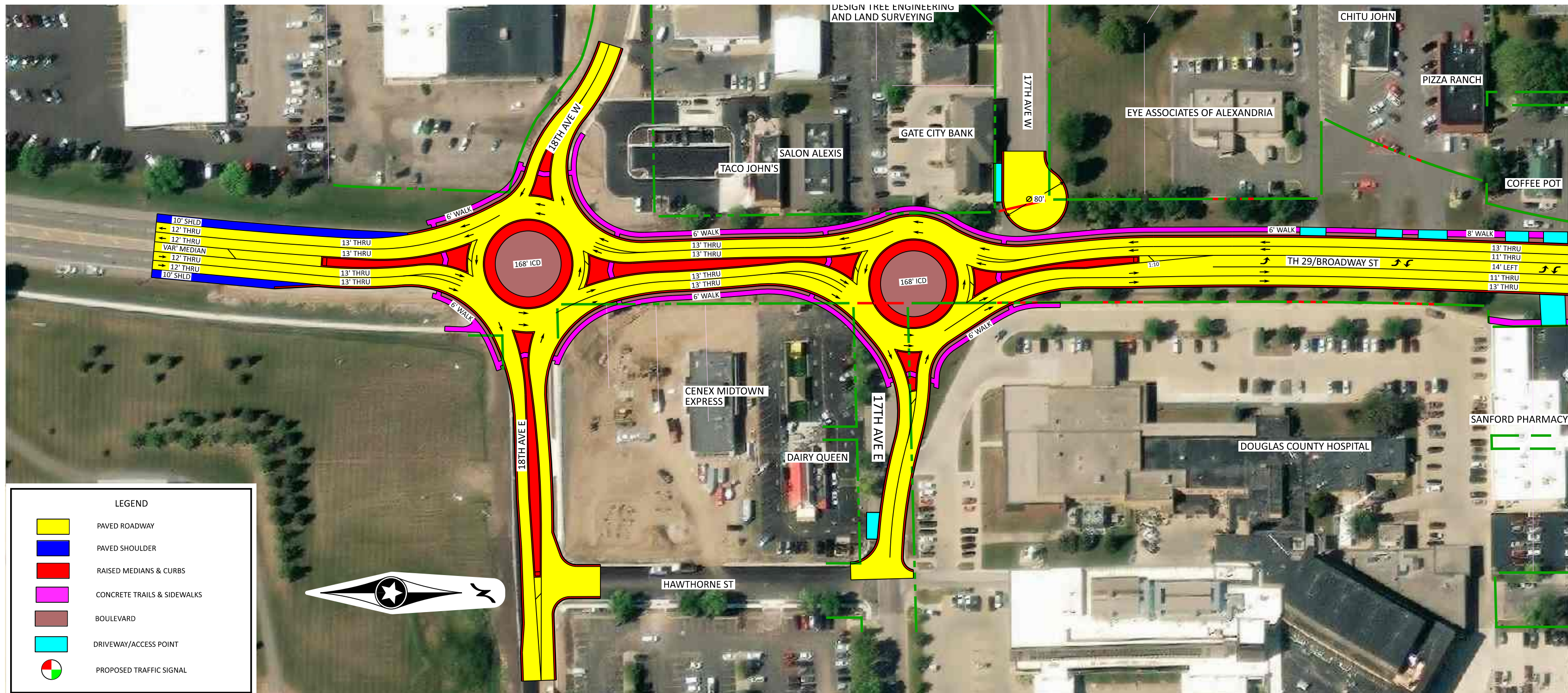
Hwy 29 - Single-Lane Roundabouts



Hwy 29 - Signal at 18th Ave and 3/4 Access at 17th Ave

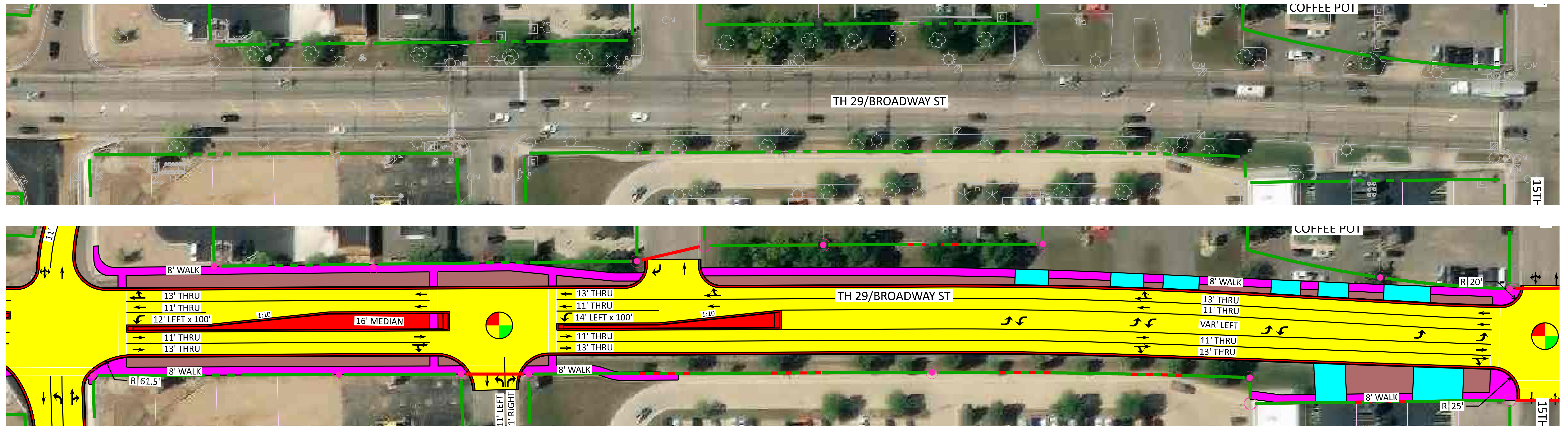


Hwy 29 - Multi-Lane Roundabouts

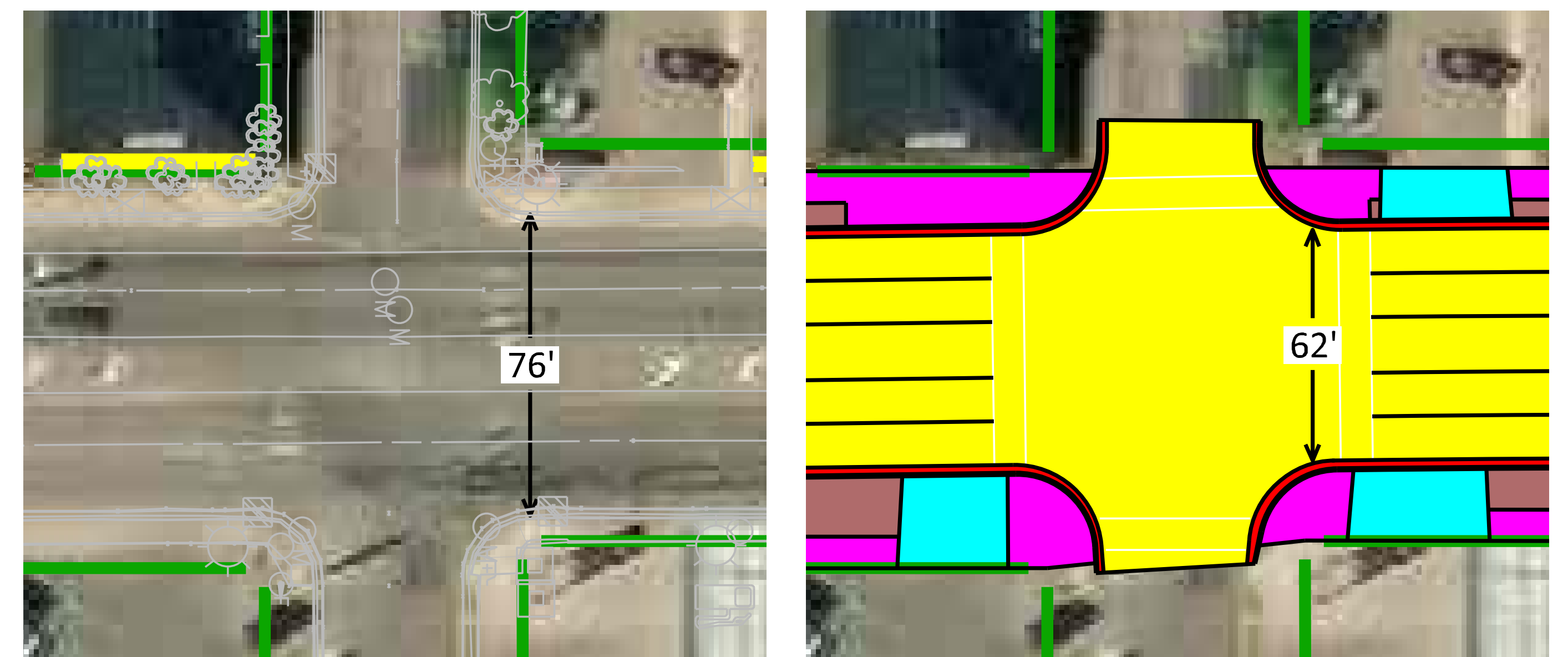


Proposed Project Improvements

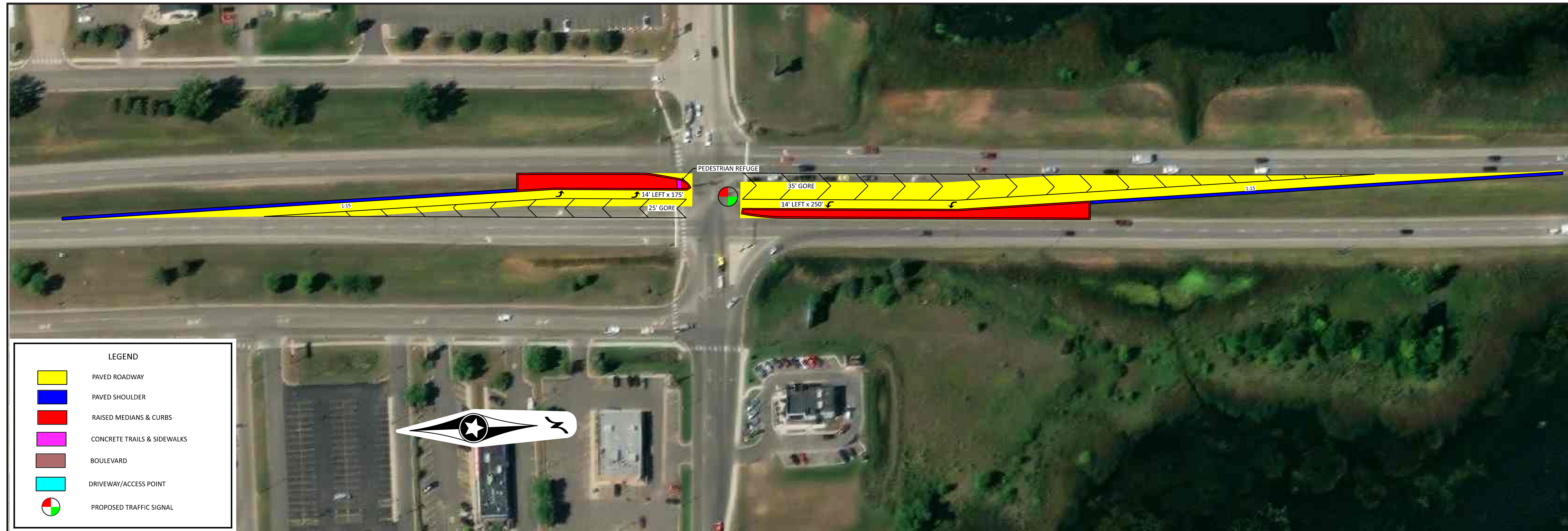
Sidewalk Network Gap Corrections – Example: West Side of 18th Ave to 15th Ave



Intersection Crosswalk Distance Reduction

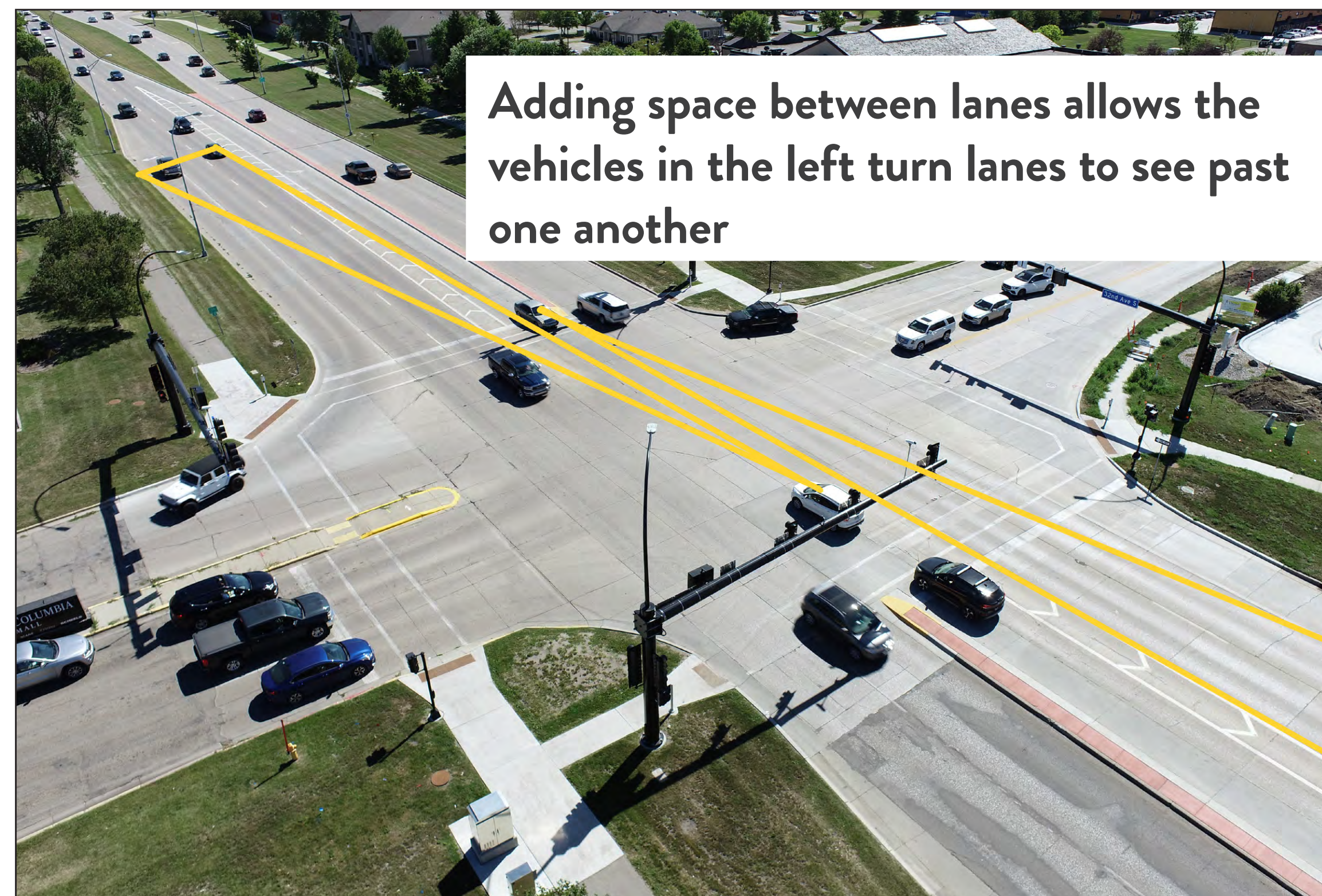


Offset Left-Turns



Left Turn Lanes Shift Towards Median to Provide Better Sightline

- Possible Implementation at 44th Ave



Improved Pedestrian Environment

Pedestrian Safety

- Wider Sidewalks
- Continuous Walks (eliminate current gaps in network)
- Shorter Crossing Distances
- Accessible Pedestrian Signals (APS) - Pushbuttons
- Pedestrian Refuge (Median Options)
- Wider Boulevards – Separation from Driving Lanes

Corridor Aesthetics – Complete Streets

8th Ave to 10th Ave – Continue Downtown Aesthetics

- Boulevards
 - » Grass
 - » Landscape beds, raised planters
 - » Trees
 - » Hardscape – Concrete or Stamped Colored Concrete
- Medians
- Stamped Colored Concrete
- Landscape/Planters/Retaining Walls



Complete Streets Options



Staples, MN



Brainerd, MN



Hutchinson, MN



Glenwood, MN



St. Peter, MN



Long Lake, MN



Fargo Main Ave



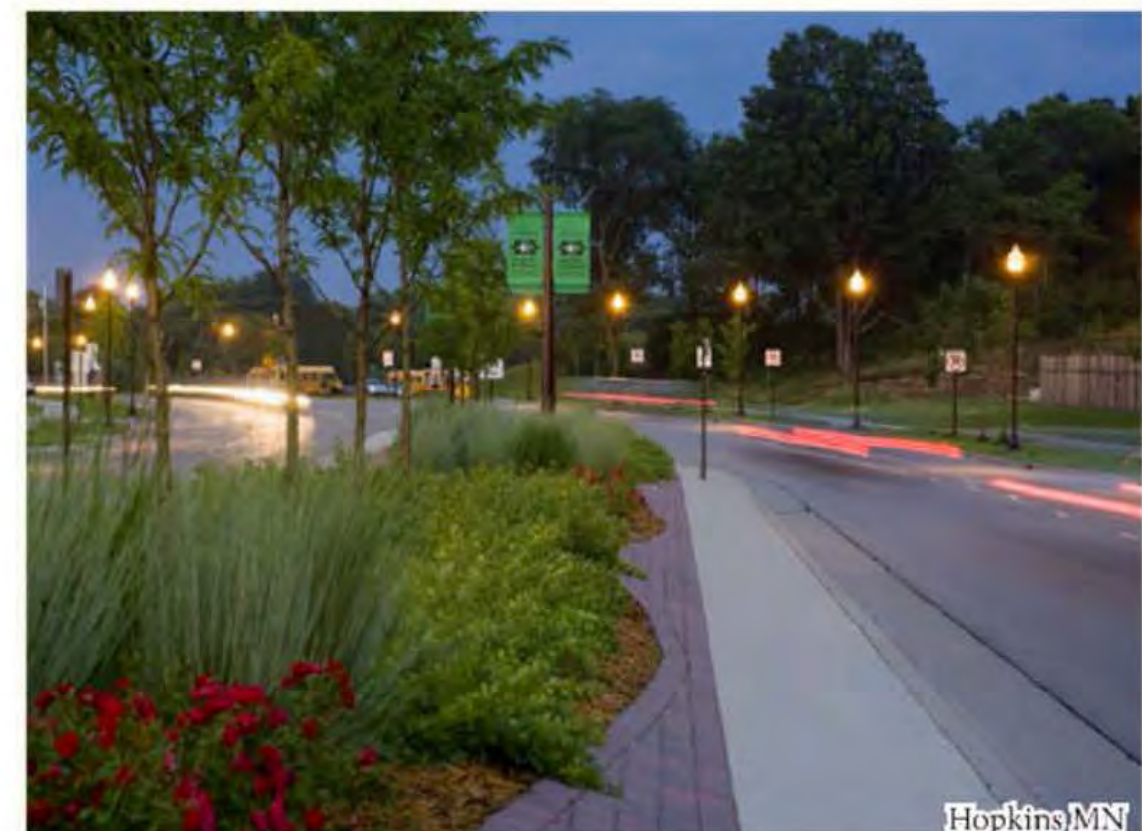
Downtown Alexandria Improvements (North of 8th St)



Downtown Alexandria Aesthetics

Median Treatment Options

Vegetation / Grading

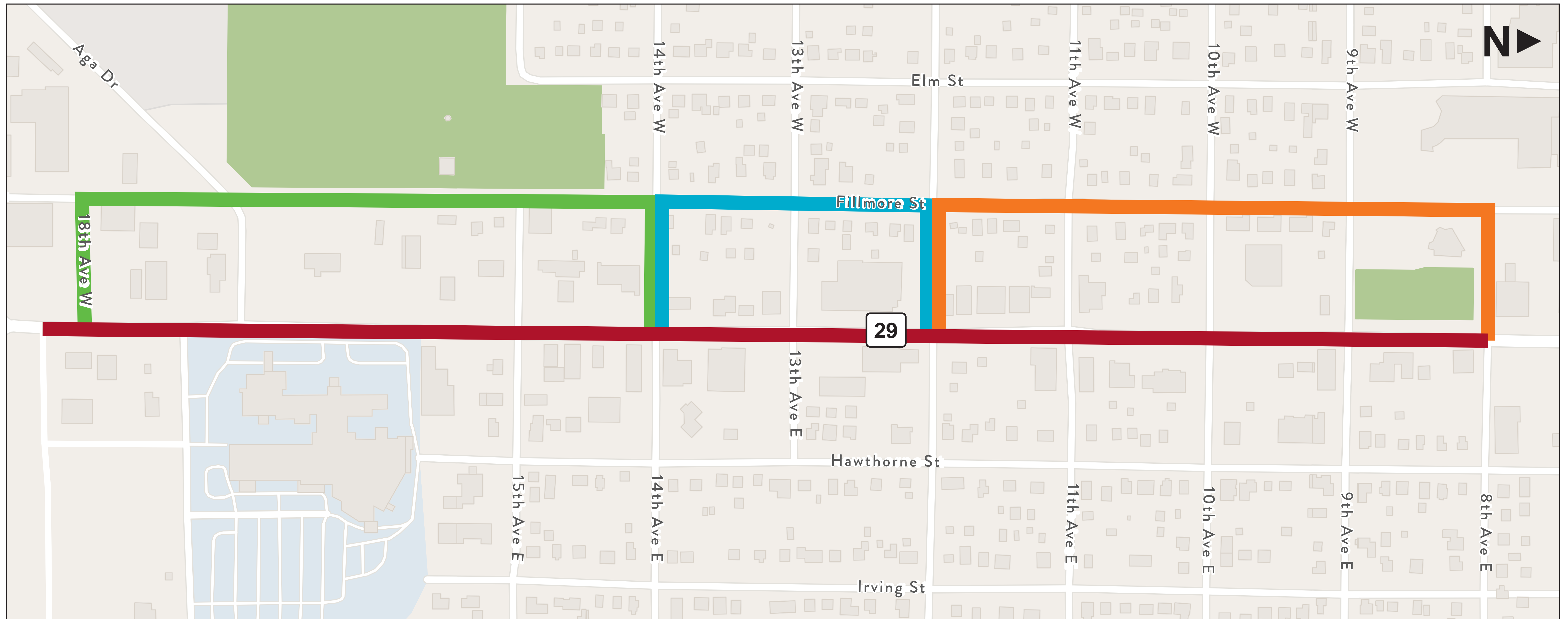


Retaining Walls



Construction Staging Concept

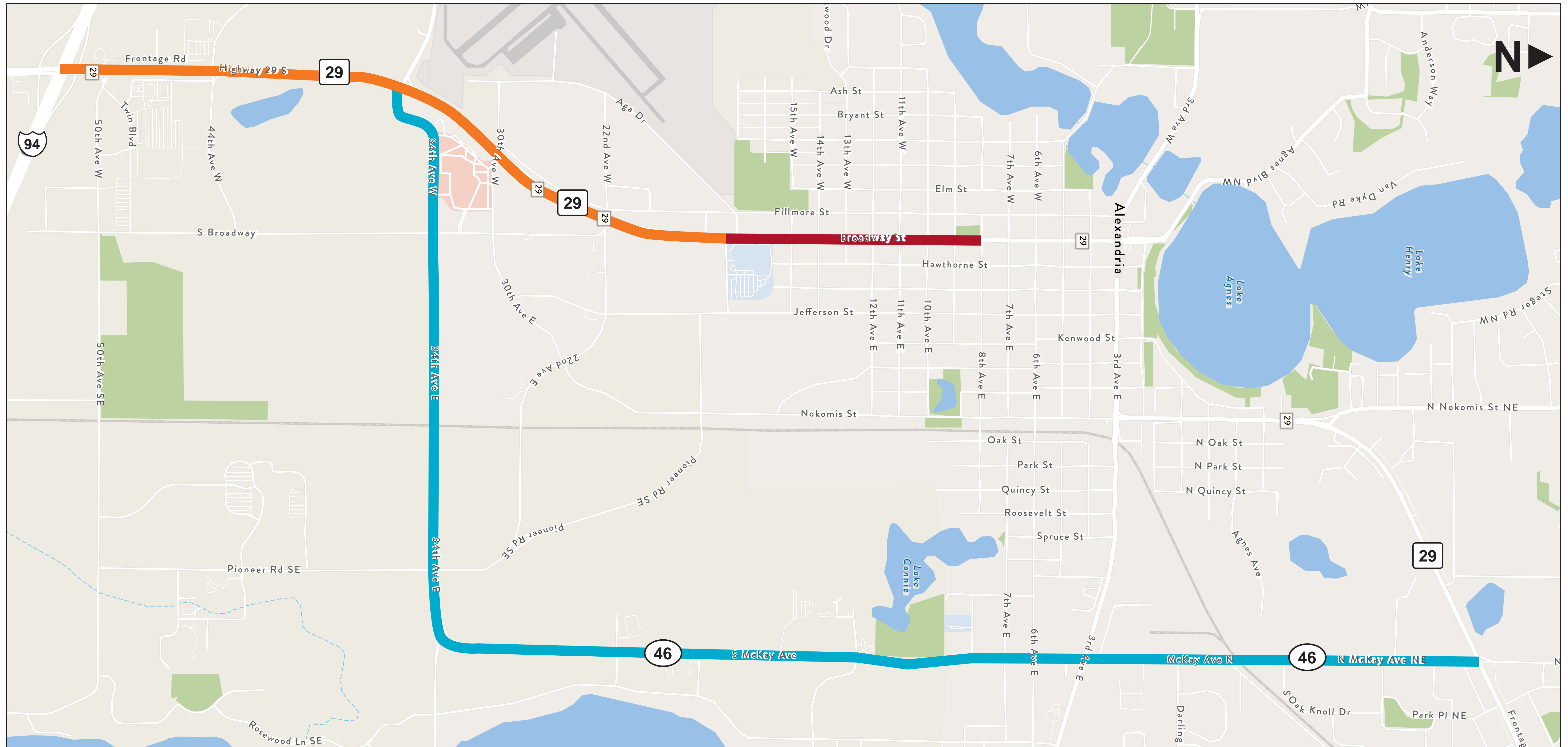
Hwy 29 Maintenance of Traffic Local Detours: 8th Ave to 18th Ave



Construction Area Local Detour Stage 1 Local Detour Stage 2 Local Detour Stage 3

Construction Staging

Hwy 29 Maintenance of Traffic Regional and Truck Detour

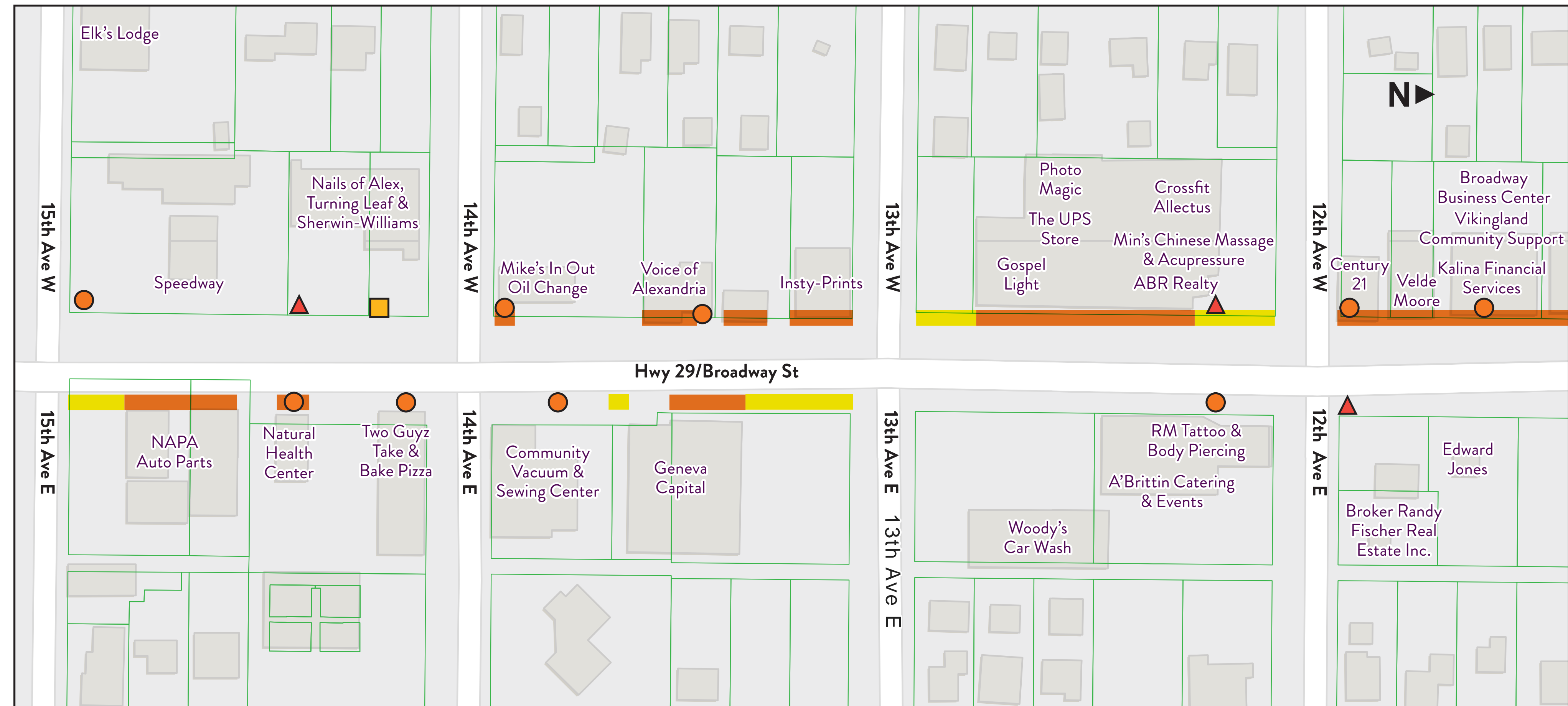


■ Construction Area ■ Mill and Overlay: Construct Under Traffic ■ Regional and Truck Detour

Landowner Coordination - Access and Encroachments

Access Management

- Improve Safety – Pedestrians and Drivers Entering/Leaving Property
- Opportunities
 - » Closures
 - » Consolidation
 - » Relocation
 - » Right-in/Right-out (Median Option)
- Understanding Site Circulation
- Needs and Use of Access
- Access During Construction



Types of Encroachment: █ Parking/Sidewalk Ramp █ Building/Landscaping ● Sign ■ Light Pole ▲ Mailbox

Encroachments on State Right-of-Way

- Landscaping/Signs/Light Poles
- Permitting
- Relocation