

12th Avenue East Reconstruction and Driveway Consolidation

CIF-20-014 (Project #10)

City Council Update
Tuesday June 7th, 2022



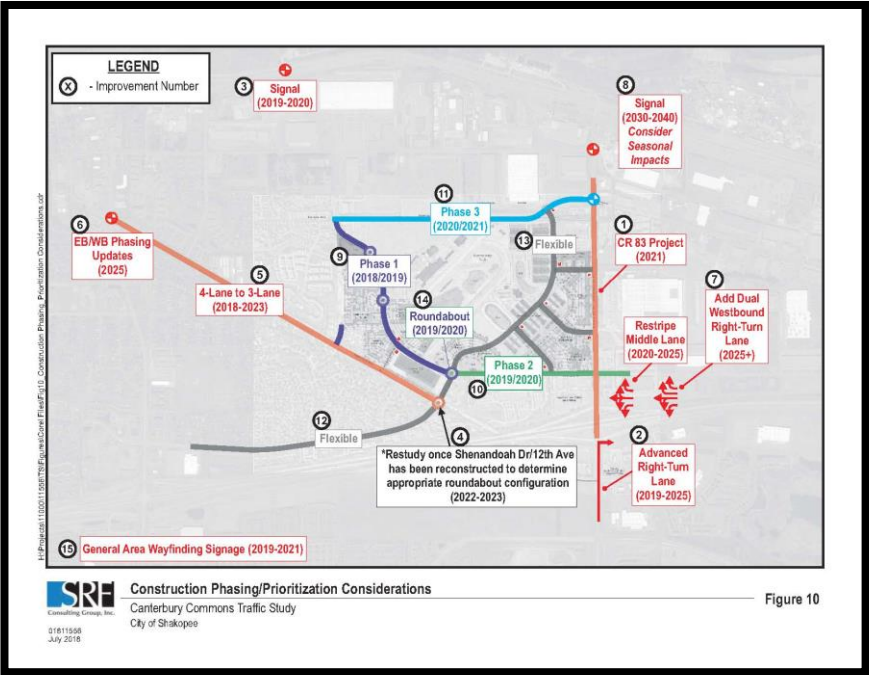
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CIP Project CIF-20-014 (Project #10)

Reconstruction of 12th Avenue East with Driveway Consolidation



Capital Improvement Plan City of Shakopee, Minnesota

2022 *thru* 2026

Department Capital Improvements Fund
Contact Public Works Director
Type Improvement
Useful Life 30
Category Street Construction
Priority 1 Critical for Safety/Preservati
Status Active

Project # CIF-20-014
Project Name *Canterbury Commons (2022) - 12th Ave E driveways

Accounting Code

Fund Capital Improvement Fund

Description

Total Project Cost: \$9,200,000

As part of the proposed Canterbury Commons development, needed public infrastructure projects were identified within the Canterbury Commons Areawide Transportation study. The following includes projects that were identified as local city infrastructure improvements to be paid for by the Canterbury Commons TIF (remaining projects, updated as part of 2021 TIF Amendment):

- Project 4: 2023 Eagle Creek Blvd/Vierling Drive Roundabout, City project, \$1,700,000
- Project 10: 2022 12th Ave E (Phase 2) driveway consolidation \$1,000,000
- Project 13: 2024 Public Canterbury Commons Roadways (east side of development), Canterbury Developer project, \$6,500,000

Justification

Infrastructure improvements warranted as part of existing conditional traffic safety and operational needs and needed infrastructure as part of the Canterbury Commons development.

Canterbury will be responsible for the "Cost Sharing" portion of this project, reimbursed via TIF. The City will issue Tax Increment Bonds for the City's portion of the project, to be reimbursed via TIF (including interest).

Expenditures	2022	2023	2024	2025	2026	Total
Improvements	1,000,000	1,700,000	6,500,000			9,200,000
Total	1,000,000	1,700,000	6,500,000			9,200,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Bonds	1,000,000	1,700,000				2,700,000
Cost Sharing			6,500,000			6,500,000
Total	1,000,000	1,700,000	6,500,000			9,200,000

Budget Impact/Other

TIF is the expected funding source for these improvements. Development timing would affect the project timeline.



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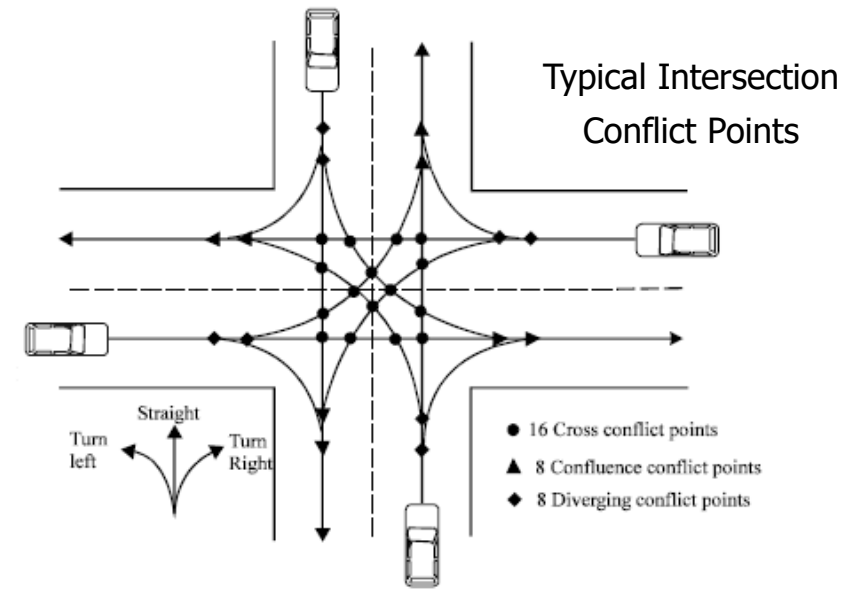
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12th Avenue East - Existing Configuration



Existing Safety Issues

- Large Intersection with excessive entrances creates many conflict points
- Current roadway configuration
 - Lack of turn lanes creates conflict at driveways
- 12th Ave traffic congestion blocks driveways
- U-Turns – camera observed 20+ in 48 hours
- Congestion at AmericInn and Culver's entrance blocking inbound and exiting vehicles
- Accidents at driveways



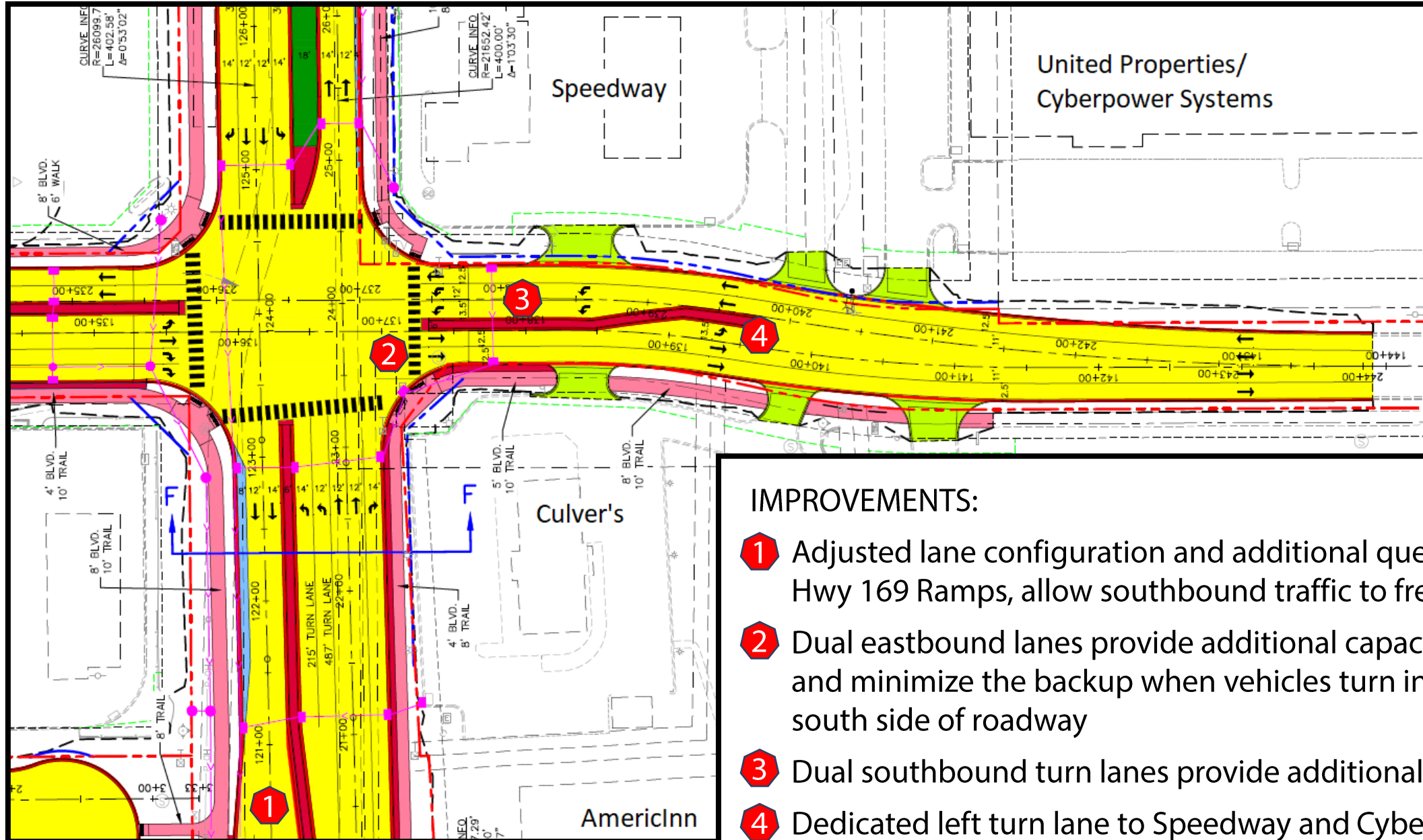
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Existing Safety Issues (Video)



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CSAH83 Project Layout (without driveway consolidation)



IMPROVEMENTS:

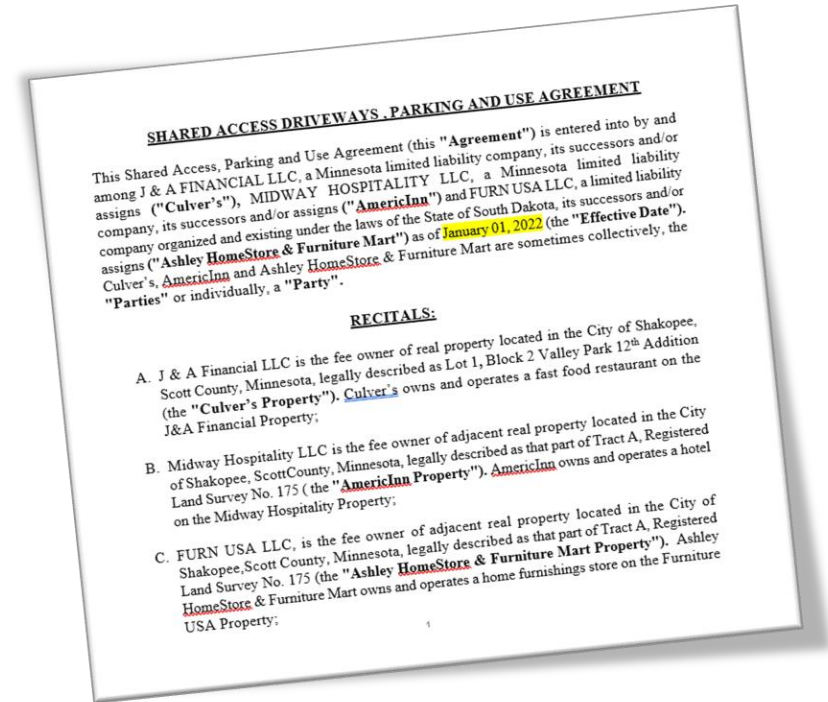
- 1 Adjusted lane configuration and additional queue capacity to Hwy 169 Ramps, allow southbound traffic to free flow
- 2 Dual eastbound lanes provide additional capacity eastbound and minimize the backup when vehicles turn into driveways on south side of roadway
- 3 Dual southbound turn lanes provide additional queue capacity
- 4 Dedicated left turn lane to Speedway and Cyberpower Systems

[illegible]

- 1 Traffic exiting speedway cross multiple lanes to make southbound turn onto CSAH83
- 2 Right-out exiting traffic will continue to u-turn after median
- 3 Multiple driveways and large intersection with additional conflict points and potential conflict for opposing left turn movements (may lead to increased accidents if left as is)

Coordination Efforts with Property Owners

- 2+ Years of Effort
- Seeking Voluntary Driveway Consolidation Only
- Property Owner Input Guided Design
- Many Figures and Layout Iterations Generated
- Virtual Meetings
- In-Person Meetings
- City Provided Template Access & Use Agreement
- Attorney Review and Opinion on Access Modifications & Closures



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Coordination with Property Owners



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Preferred Option

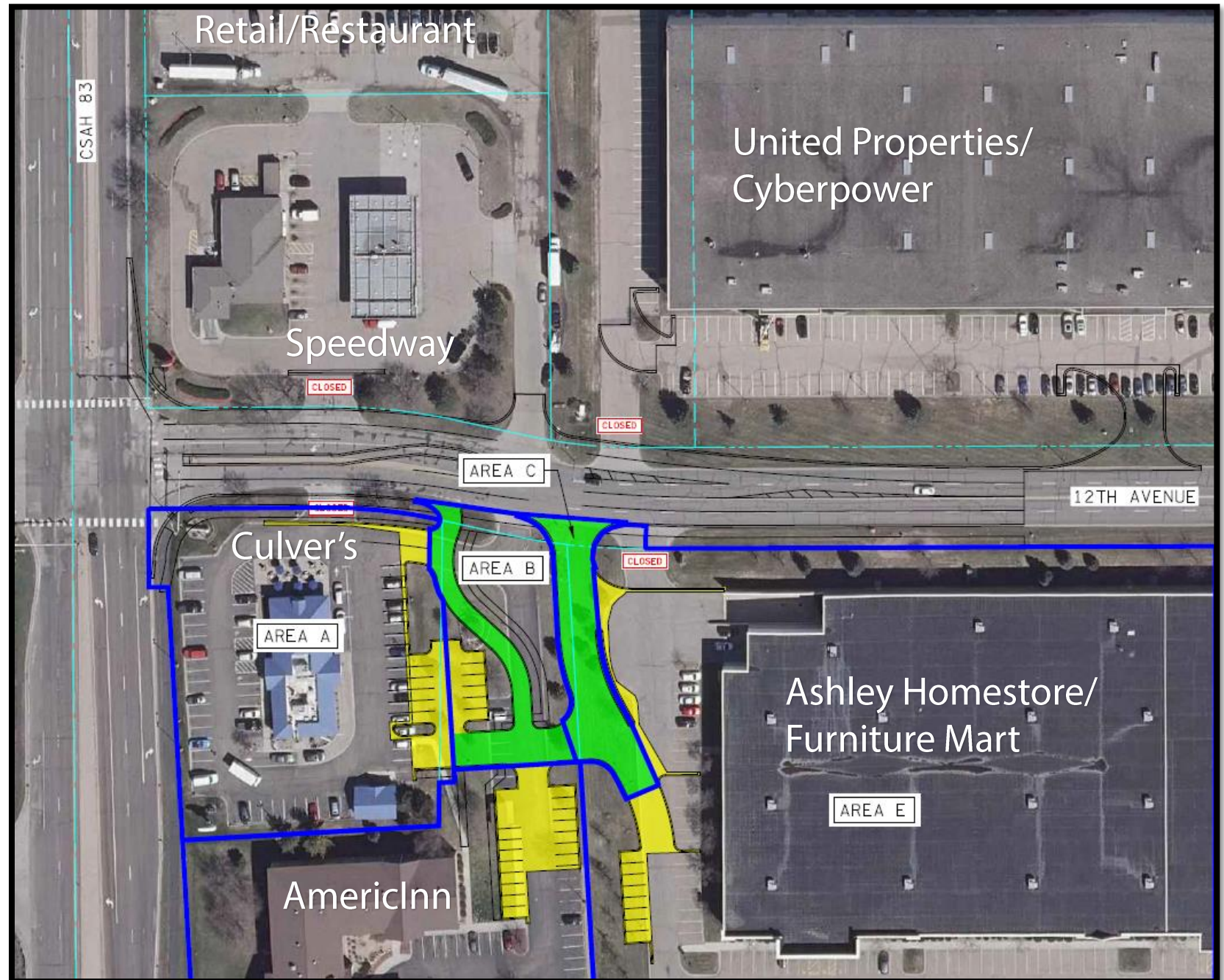
- Speedway: Does not support closure of the access
- United Properties and Cyberpower : Agreed to close and relocate access
- Culvers: Agreed to convert access to right-in-only
- AmericInn: Has not agreed to access consolidation options
- Ashley Homestore & Furniture Mart: Agreed to access consolidation option (would need AmericInn to agree)



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12th Avenue Proposed Driveway Consolidation & Layout

Recommended Option Without Property Owner Consensus

