

EAST WEST CONNECTOR SAFETY IMPROVEMENTS PROJECT

**Smyrna Committee of the Whole Meeting
November 14, 2024**



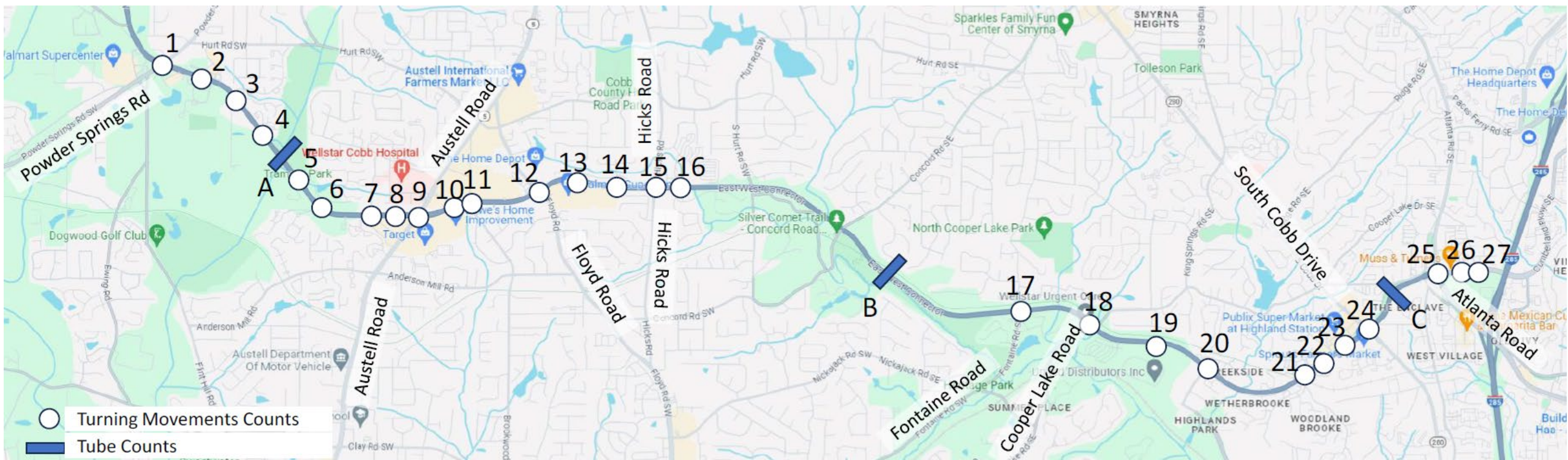
Agenda

- Project Background
- Recommendations
 - East West Connector at Cooper Lake Rd
 - East West Connector at Fontaine Rd
- Next Steps
- Questions



Project Background

- 2022 SPLOST Booklet identified a joint City & County project
 - East West Connector Safety Improvements with \$1.25 million budget
- January to June 2024
 - Cobb County DOT completed a Traffic and Safety Analysis Report
 - Analyzed traffic delays and crashes along East West Connector



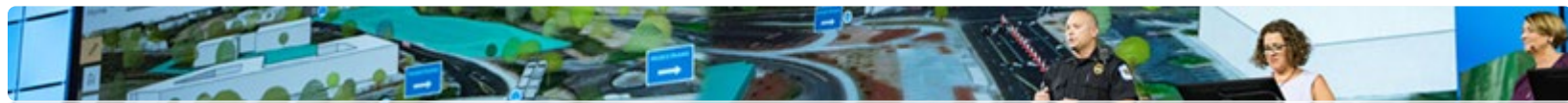
Project Background

- Traffic and Safety Analysis Report findings
 - Cooper Lake Rd ranked #2 in delays and #2 in crashes
 - Fontaine Rd ranked #1 in AM delay, #4 in PM delay, and #3 in crashes

Jan 2021 to Dec 2023

Intersection	2023 AM		2023 PM	
	Delay (sec)	Level of Service	Delay (sec)	Level of Service
Fontaine Rd	78.5	E	20.8	C
Cooper Lake Rd	42.2	D	38.7	D
United Dr	8.3	A	2.8	A
Highlands Ridge Rd	9.8	A	37.9	D
Camp Highland Rd	10.8	B	3.9	A
Gaylor St	11.7	B	20.5	C
S Cobb Dr	58.3	E	59.4	E

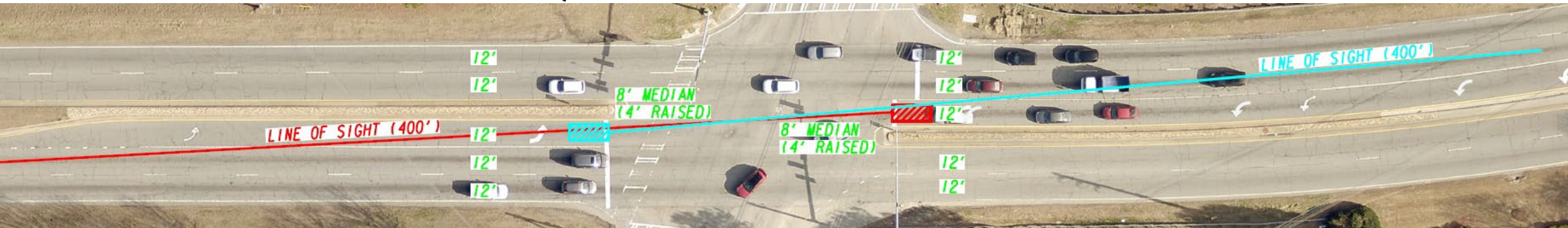
Intersection	Killed	Serious injury	Visible Injury	Complaint of Injury	No Injury	Total
Fontaine Rd	0	2	6	19	42	69
Cooper Lake Rd	0	7	8	20	51	86
United Dr	0	1	1	1	15	18
Highlands Ridge Rd	0	0	1	2	16	19
Camp Highland Rd	0	0	2	5	21	28
Gaylor St	0	1	4	5	28	38
S Cobb Dr	0	1	11	58	196	266



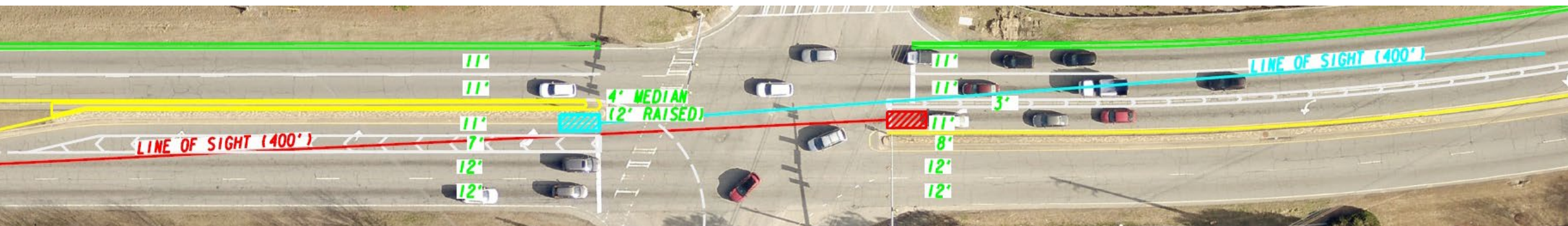
Recommendations

- East West Connector at Cooper Lake Rd
 - Narrow median and travel lanes
 - Improve left turn line of sight
 - Estimated cost is \$400,000

Existing

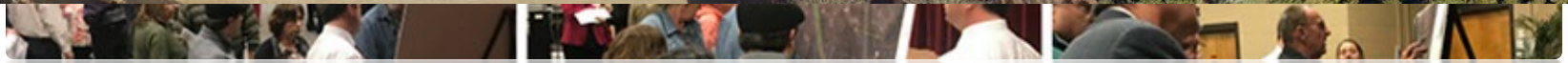


Proposed



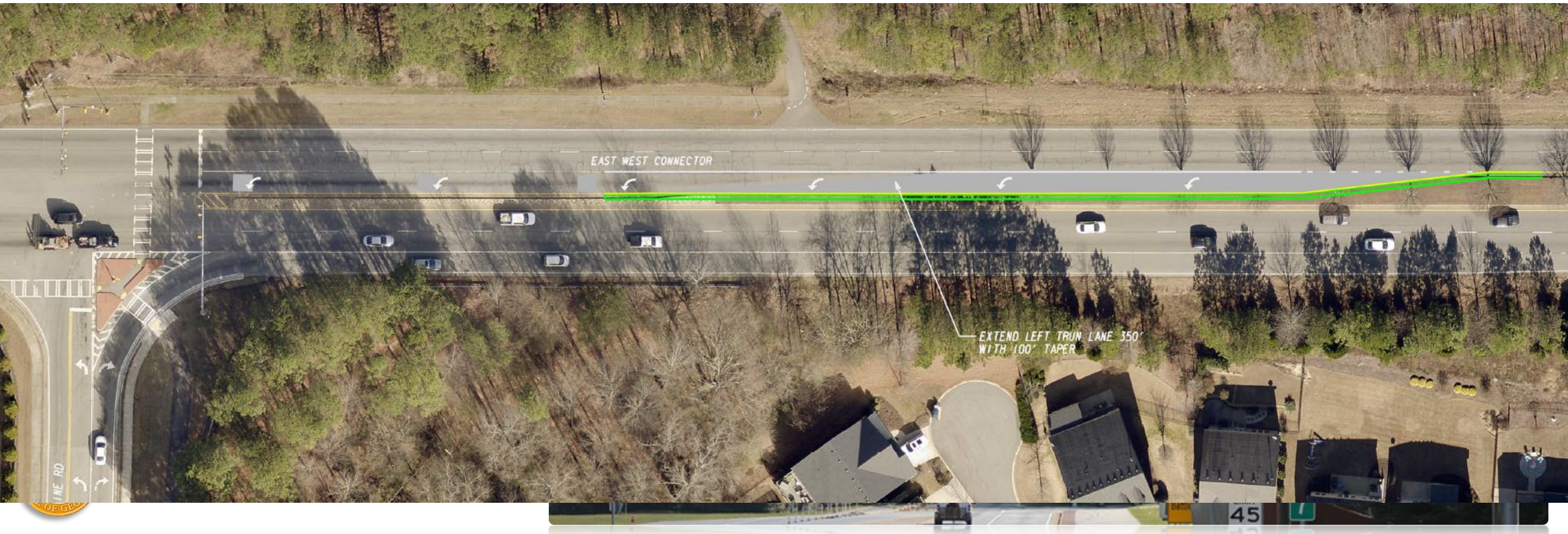
Recommendations

- East West Connector at Cooper Lake Rd
 - Extend westbound left turn lane
 - Improve left turn storage and reduce risk of rear end collisions
 - Estimated cost is \$450,000



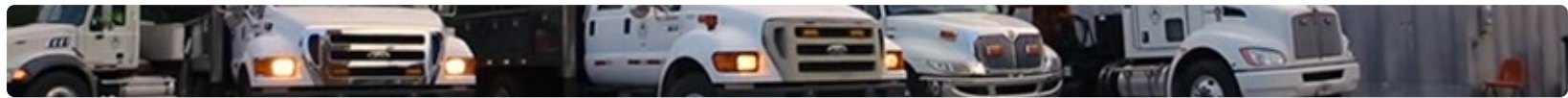
Recommendations

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 - Extend westbound left turn lane
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 - Estimated cost is \$400,000



Next Steps

- December 2024 to February 2025
 - Bid and award engineering work
- March 2025 to December 2025
 - Complete survey and engineering design
- January 2026 to March 2026
 - Bid and award construction work
- April 2026 to September 2026
 - Complete construction



QUESTIONS?

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