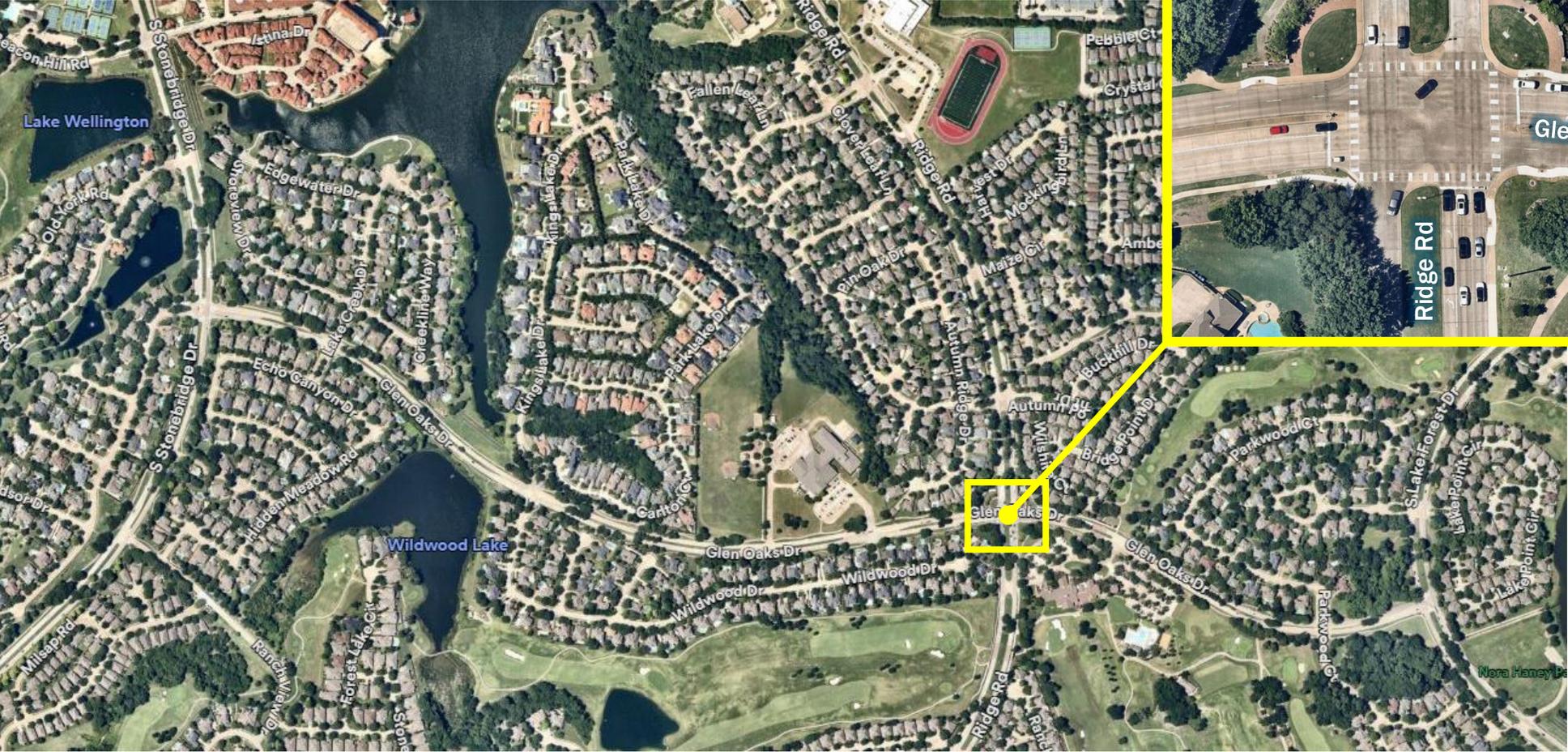


Glen Oaks Drive and Ridge Road

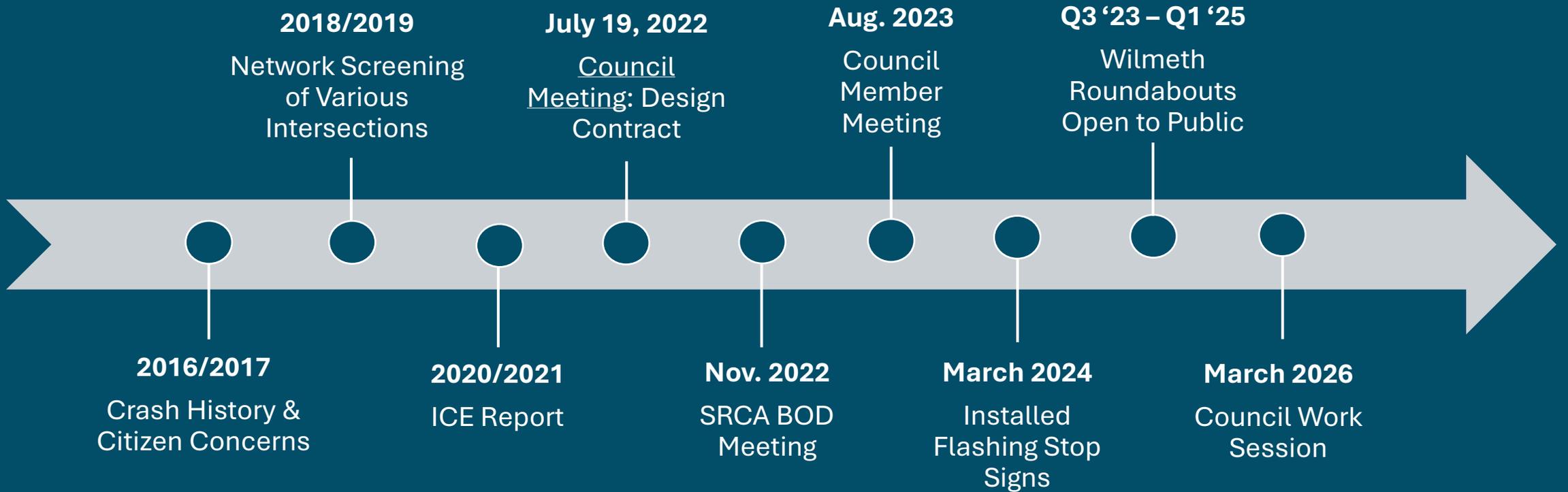
Engineering Department

March 17, 2026

Location

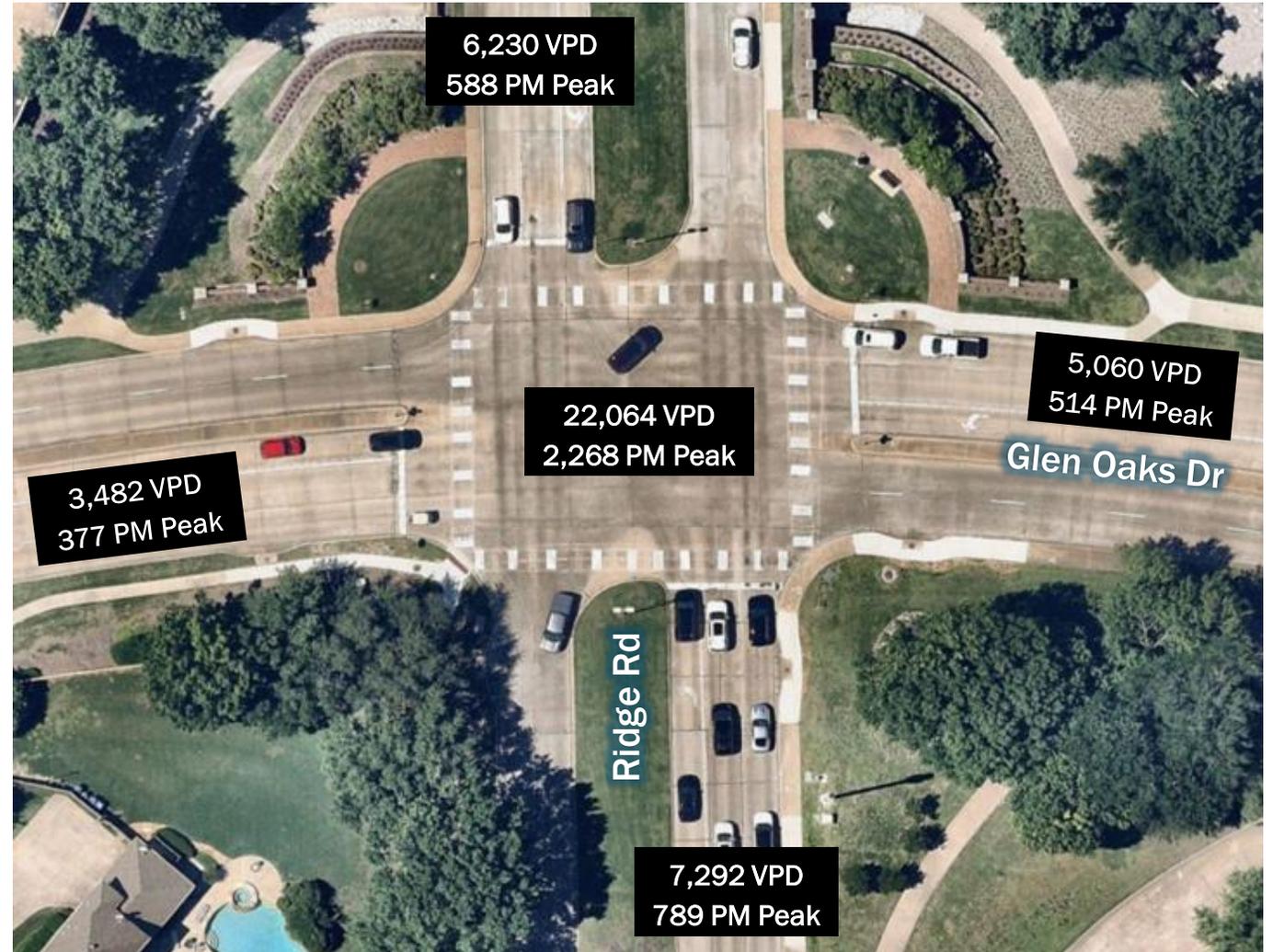


Timeline



Existing Conditions

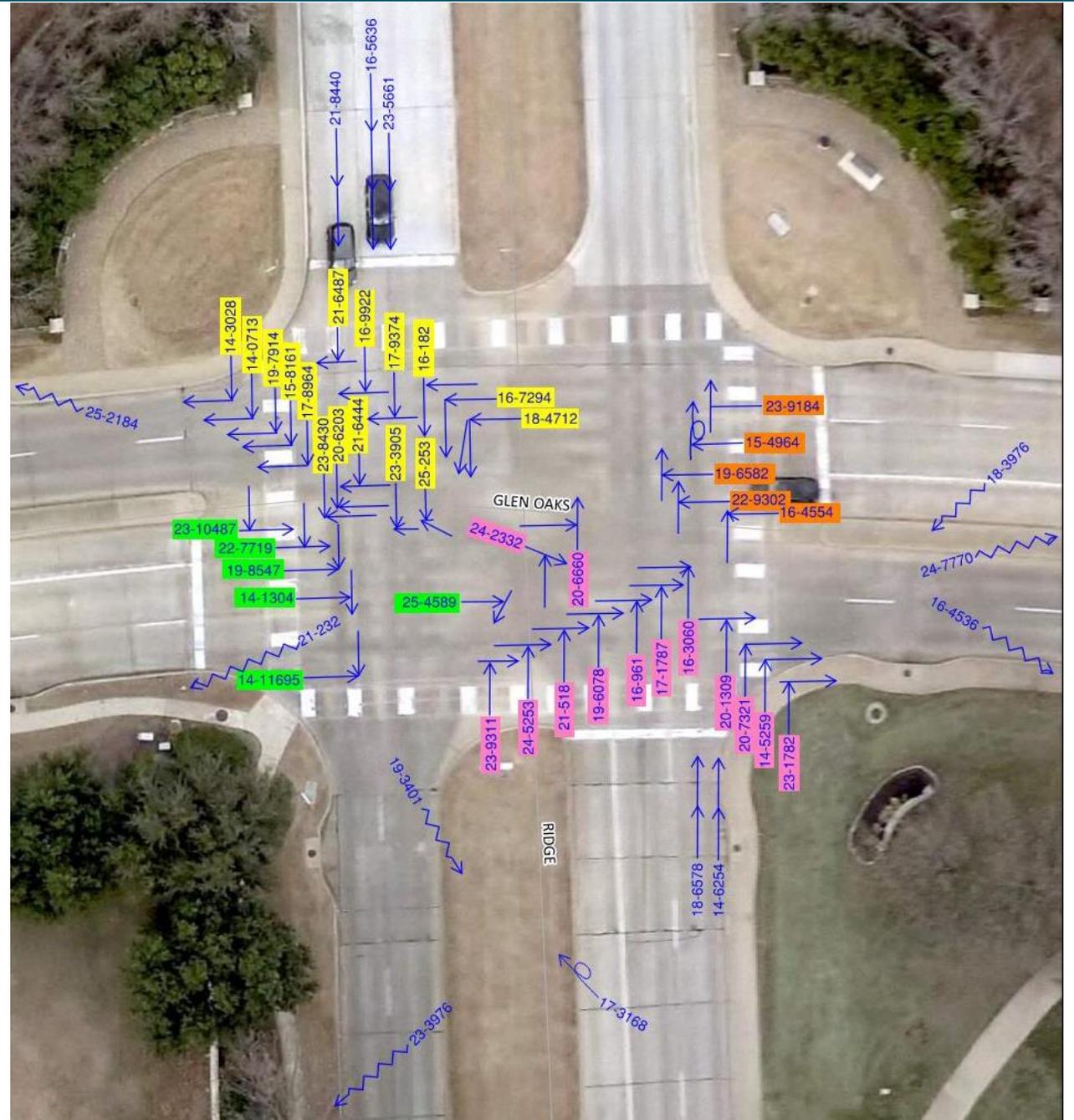
Year	Total Crashes	Injury Crashes
2014	6	0
2015	2	1
2016	8	2
2017	4	2
2018	3	0
2019	5	4
2020	4	1
2021	5	2
2022	2	0
2023	8	5
2024	3	1
2025	3	1
Total	53	19



Volumes (December 2025)

Crash History

Year	Total Crashes	Injury Crashes
2014	6	0
2015	2	1
2016	8	2
2017	4	2
2018	3	0
2019	5	4
2020	4	1
2021	5	2
2022	2	0
2023	8	5
2024	3	1
2025	3	1
Total	53	19



Capacity Analysis

Year 2019

Approach	Existing AWSC			Traffic Signal			Roundabout		
	Delay (Sec/veh)	LOS	Queue (veh)	Delay (Sec/veh)	LOS	Queue (veh)	Delay (Sec/veh)	LOS	Queue (veh)
AM Peak Hour									
Overall	24.8	C		23.3	C		7.5	A	
PM Peak Hour									
Overall	27.0	D		42.0	D		7.5	A	

Design Year 2040

Approach	Existing AWSC			Traffic Signal			Roundabout		
	Delay (Sec/veh)	LOS	Queue (veh)	Delay (Sec/veh)	LOS	Queue (veh)	Delay (Sec/veh)	LOS	Queue (veh)
AM Peak Hour									
Overall	63.3	E		26.6	C		10.1	B	
PM Peak Hour									
Overall	68.9	F		44.1	D		10.2	B	



Roundabout Benefits

Safer for All Users

- Lower speeds
- Fewer conflict points

Lower Operational Cost

Continuous Traffic Flow

- Lower emissions
- Reduced noise
- Shorter AM/PM queues
- Efficient off-peak operation

More Aesthetic



Signal Benefits

Lower Initial Construction Cost

Faster Construction

Less Right-Of-Way

May Increase Traffic Volumes



Wilmeth Roundabouts



Volumes (December 2025)

Direction

Two Options:

1. Roundabout

\$2.5M

Includes
pavement
replacement

2. Signal

\$850k

