



Williams Drive Study - Challenges & Recommendations

Traffic Congestion/Circulation

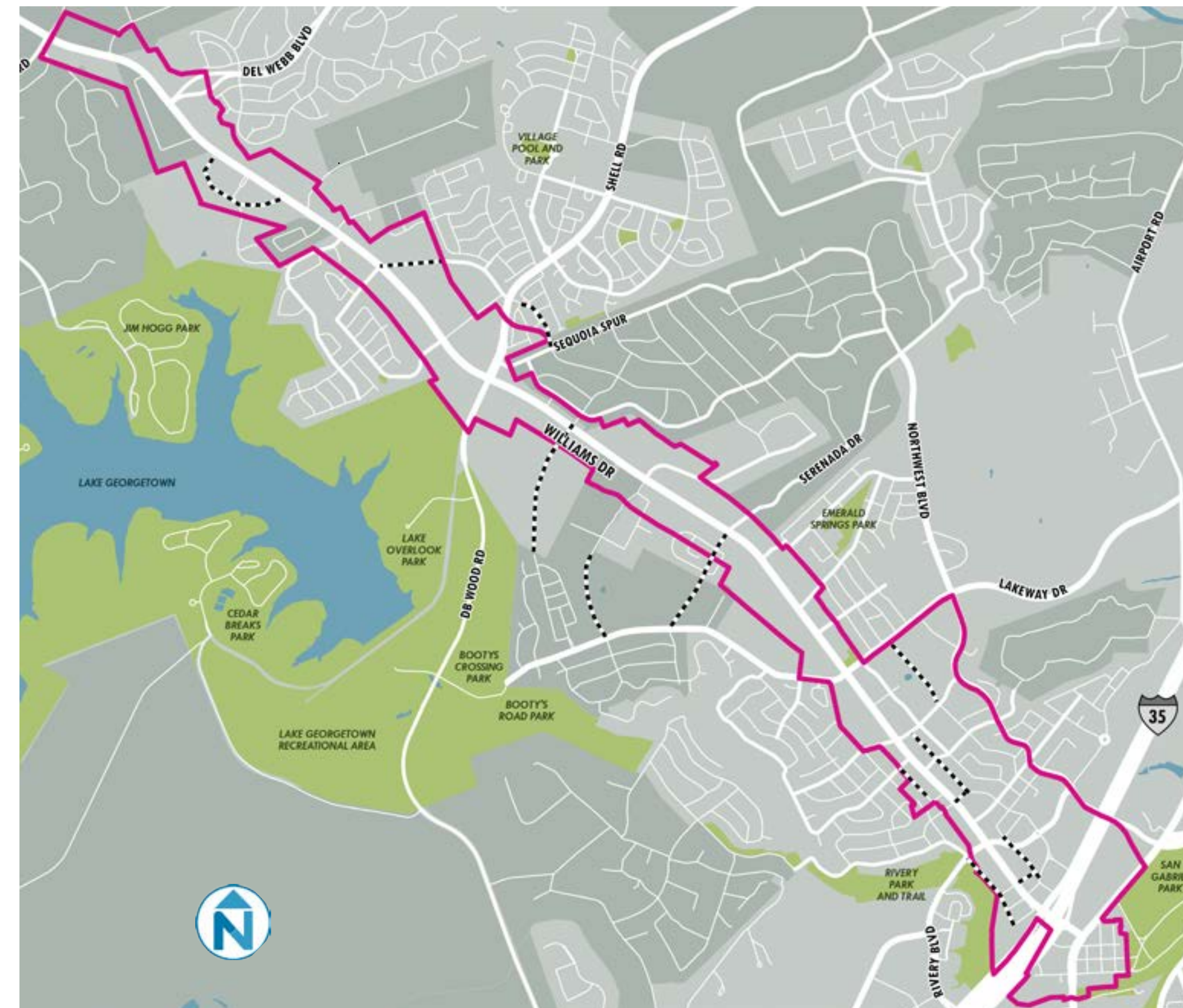


- 29,000 vehicles use Williams Drive on a daily basis
- 7,000 area residents commute outside of study area
- 95% of area residents own at least 1 vehicle; 80% drive alone to work
- Lack of alternative routes to I-35 and major destinations



- Improve traffic flow with redesigned intersections
- Re-time traffic signals for efficiency
- Create alternative routes and improve street network connectivity

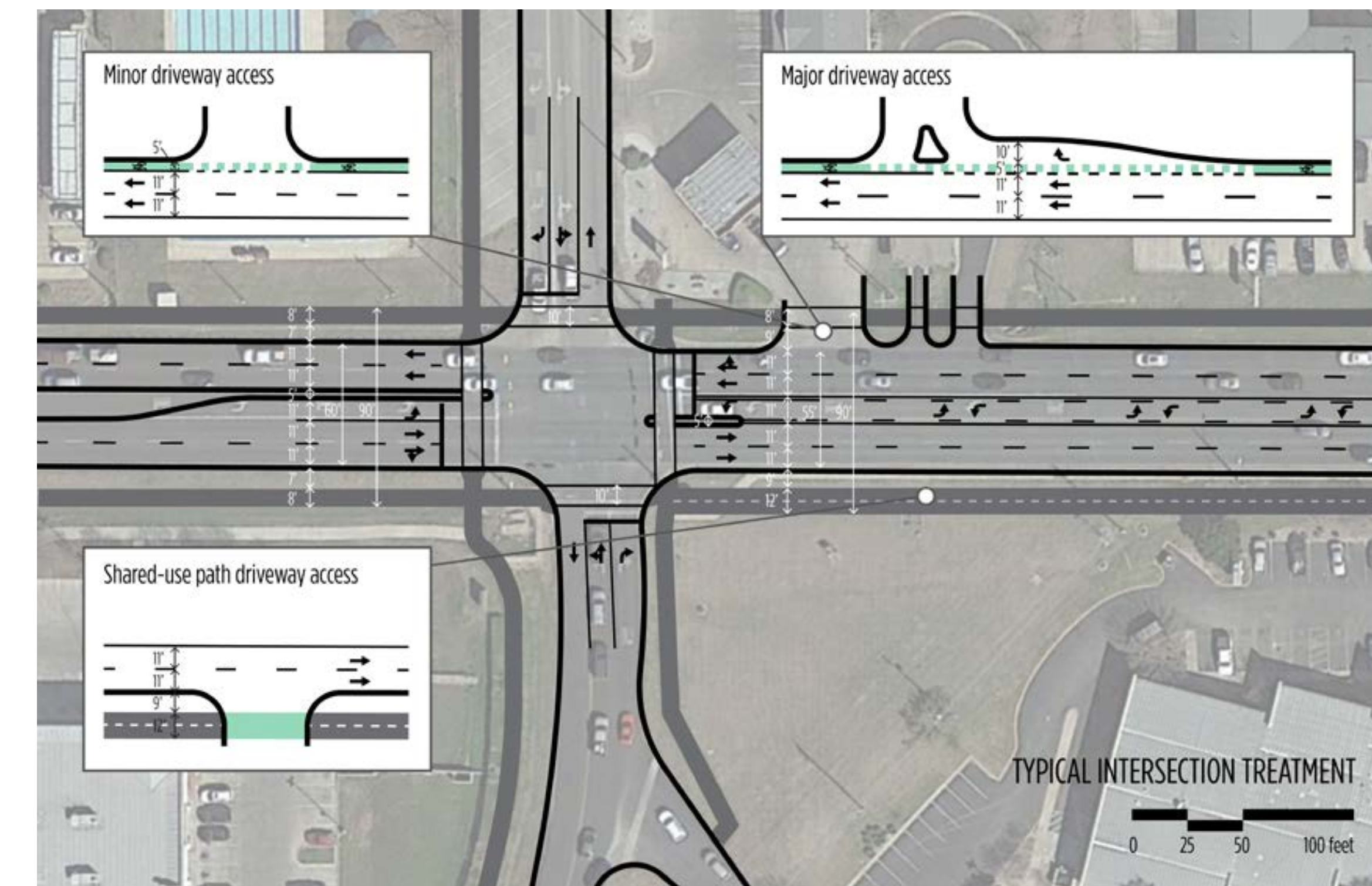
Add Network Connections



Proposed Street Connections

- Reduce travel and walking distances and times
- Improve routing for transit
- Better connect developments to road network

Improve Intersection Design



- Create safer turns for drivers
- Increase pedestrian safety

Coordinate Traffic Signal Timing

Corridor Travel Time Factors	Corridor Travel Time (Minutes) - Jim Hogg to Austin Ave			
	Morning		Evening	
	Eastbound	Westbound	Eastbound	Westbound
Existing Timing	11.1	13.7	12.5	14.7
With Concept Improvements	10.3 (-7.7%)	9.8 (-39.8%)	10.4 (-20.2%)	10.0 (-47.0%)

- Flashing yellow arrow left-turn signals
- Coordinated signal timing can reduce travel times by as much as 27.5%