



HOWARD LANE

Between Metric Boulevard and McAllen Pass

PROJECT DESCRIPTION

This project proposes a bus stop relocation and two new bus stops, plus a new pedestrian hybrid beacon signal between I-35 and The Lakes Boulevard/Center Line Pass. Additionally, several operational improvements are proposed including adding right-turn overlap signal phasing to existing traffic signals and extending left-turn queue storage capacity.

BENEFITS AND ISSUES ADDRESSED

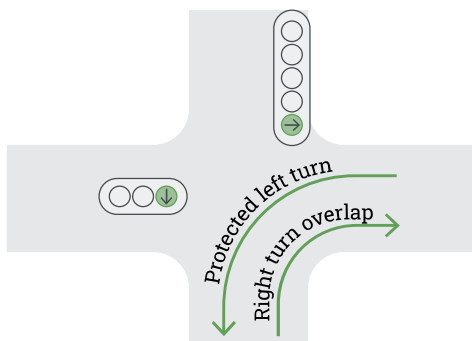
This segment of Howard Lane connects transit riders to CapMetro's Tech Ridge Park & Ride and is served by several bus routes including one MetroRapid route, one Frequent Local route and three Local routes. It currently has two lanes in each direction, separated by a median, with sidewalks on both sides and no dedicated bicycle facilities. Buses experience high levels of delay between I-35 and McAllen Pass when exiting the Tech Ridge Park & Ride.

The bus stop relocation and additions will improve transit access to key destinations along this segment of Howard Lane, including apartment buildings and local businesses. The proposed pedestrian hybrid beacon signal will provide a protected crossing between signalized intersections that are spaced approximately 1,800 feet apart.

The proposed right-turn overlap phases will reduce delay at traffic signals by providing additional green time to turning movements where buses are currently experiencing delay. This would improve the speed and reliability of transit service, thus reducing travel times for bus riders.

BEST PRACTICES

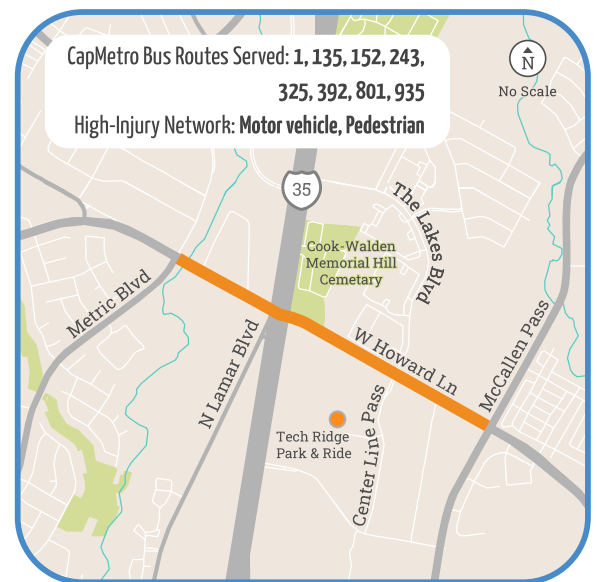
Right-turn overlap phases provide a green arrow for right-turning movements while the adjacent through movement remains red and non-conflicting side street left turn phases are green. This improves the efficiency of the intersection for transit vehicles and general purpose traffic alike.



PROJECT SCORE

- Speed/Reliability Needs:
- Access Needs:
- Equity Needs:

PROJECT LOCATION



IMPLEMENTATION

- **Approximate Cost:** \$1.0M for design and construction
- **Potential Funding Sources:** 2020 Austin Mobility Bond funds, CapMetro ILA funds
- **Project Duration from Conceptual Design through Construction:** Medium (2-5 years)