



BARTON SKYWAY RAMP RELIEF PROJECT

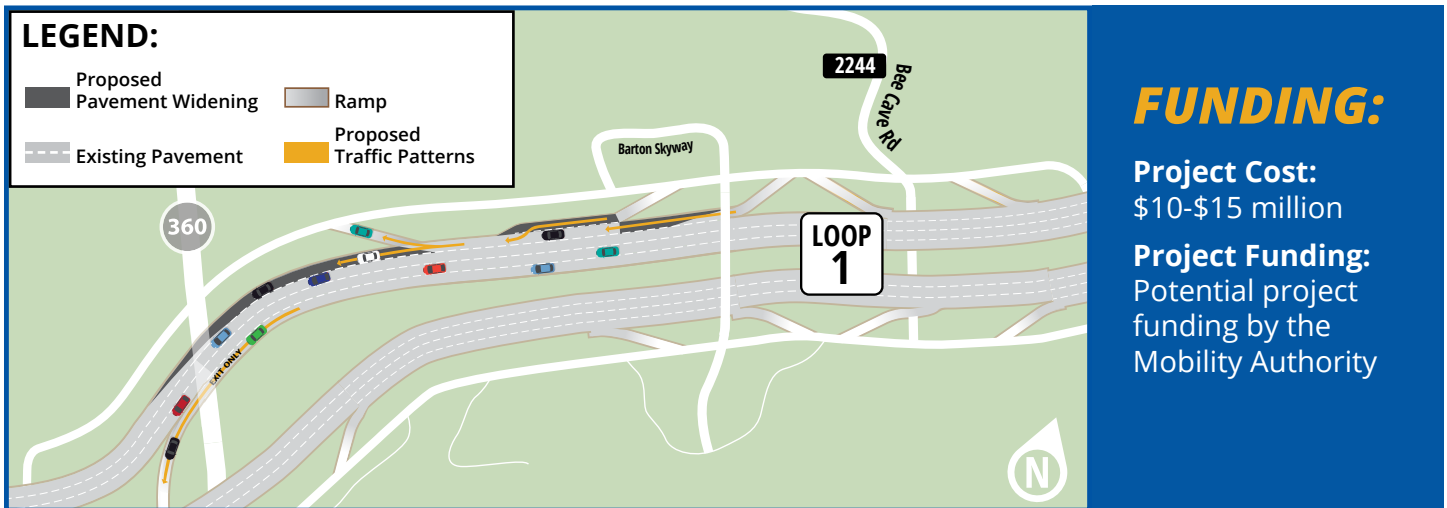
SUMMARY:

The southbound Loop 1 (MoPac) corridor in Austin, Texas near Barton Skyway is plagued by significant congestion issues. Improvements are needed to help alleviate the consistent bottleneck from traffic merging onto southbound Loop 1 at Barton Skyway and Bee Caves Road entrance ramps. Current conditions cause backups to the Winsted Lane and Enfield Road entrance ramps and beyond. Proposed non-tolled improvements include adding pavement for auxiliary and merge lanes on southbound MoPac at the Bee Caves Road and Barton Skyway entrance ramps. This will alleviate congestion at Winsted Lane, Enfield Road, Bee Caves Road, and Barton Skyway, improve travel time and capacity throughout the corridor.

EXISTING IMPACTS:

Overwhelming demand for the southbound MoPac corridor near Barton Skyway has exceeded capacity of the existing configuration. Due to weaving associated with the current entrance ramp configuration, only 60 percent of existing capacity is being utilized during peak hour traffic. Drivers are experiencing unpredictable travel times and route delays.

- Substantial traffic queueing occurs at Loop 360 southbound exit
- Peak hour travel times are up to 38 minutes
- Mopac ranks 31st amongst Texas' Most Congested Roadways 2019



RECOMMENDATIONS:

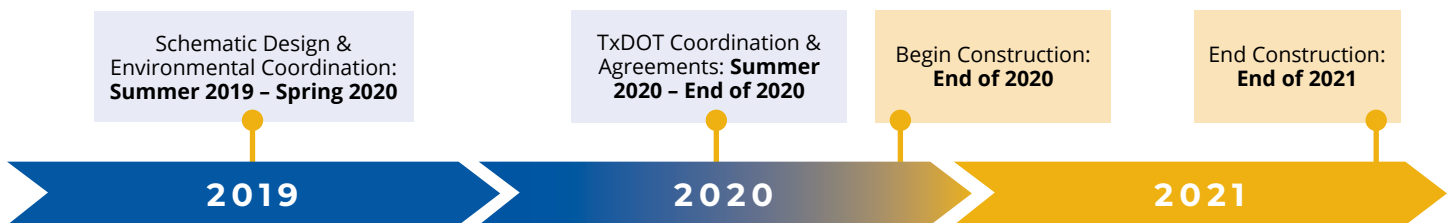
The proposed project improvements include:

- Southbound auxiliary lane from Barton Skyway to Loop 360
- Acceleration lane for the southbound Barton Skyway entrance ramp
- Three dedicated through-traffic lanes at Loop 360
- Dedicated left lane exit ramp for southbound Loop 360

CORRIDOR BENEFITS:

- Improves travel time by up to 40 percent
- Improves vehicle throughput by up to 47 percent
- Serves an additional 770 vehicles during the afternoon peak period
- Reduces traffic merging conflicts at entrance ramps

PROJECT TIMELINE:



➤ Design/Coordination ➤ Construction