

## **SH 358 Eastbound Ramp Reversal Project Corpus Christi District**

### **Project Description**

This 15-mile project includes the following improvements to address safety and mobility:

- Reconstruct several eastbound entrance and exit ramps between Ayers Street and Nile Drive, including:
  - “Reversing ramps” between Weber Road and South Staples Street. This involves converting existing entrance ramps into exit ramps and vice-versa, similar in design to the previously “reversed” westbound ramps between Weber Road and Airline Road.
  - Relocating the exit ramps serving Kostoryz Road/Carroll Lane and Weber Road.These ramp reversals and relocations will increase safety and mobility by providing additional distance for exiting vehicles and frontage road traffic to merge and queue while approaching signalized intersections.
- Widen and construct new auxiliary, or "merge," lanes on the eastbound mainlanes and frontage road between Ayers Street and Nile Drive to allow drivers entering and exiting the highway to safely merge with other traffic.
- Improve lighting and reconstruct existing mainlane median barrier between Ayers Street and Nile Drive to enhance safety.
- Construct new sidewalks between Ayers Street and Nile Drive to improve safety and access for pedestrians and bicyclists.
- Improve traffic signal timing and connectivity along the eastbound frontage road to increase mobility.
- Improve Intelligent Transportation Systems (ITS) along the entire corridor to provide drivers and emergency responders with accurate, up-to-the-minute traffic information.

### **Project Need**

Improvements are necessary to enhance safety and improve mobility along SH 358 to address:

- Conflicts between vehicles merging to and from the eastbound mainlanes and frontage roads, resulting in reduced travel speeds and increased potential for crashes.
- Limited space on the eastbound frontage roads to handle vehicles exiting the freeway, resulting in intersection backups onto the mainlanes.
- Out-of-sync traffic signals and deteriorating sidewalks along the eastbound frontage road.
- Outdated Intelligent Transportation System (ITS) technology and lighting.

### **Contract amount awarded to the contractor, Bay Ltd.**

Ramp reversal project: \$42,716,098.67

Signal, lighting, median barrier & ITS upgrades: \$7,244,052.80

Source: *Monthly State Let Construction Report for the Corpus Christi District*,  
[http://www.dot.state.tx.us/insdtdot/geodist/crp/cserve/constrpt/ccnst\\_1.htm](http://www.dot.state.tx.us/insdtdot/geodist/crp/cserve/constrpt/ccnst_1.htm)

### **Anticipated project completion date**

February 2022