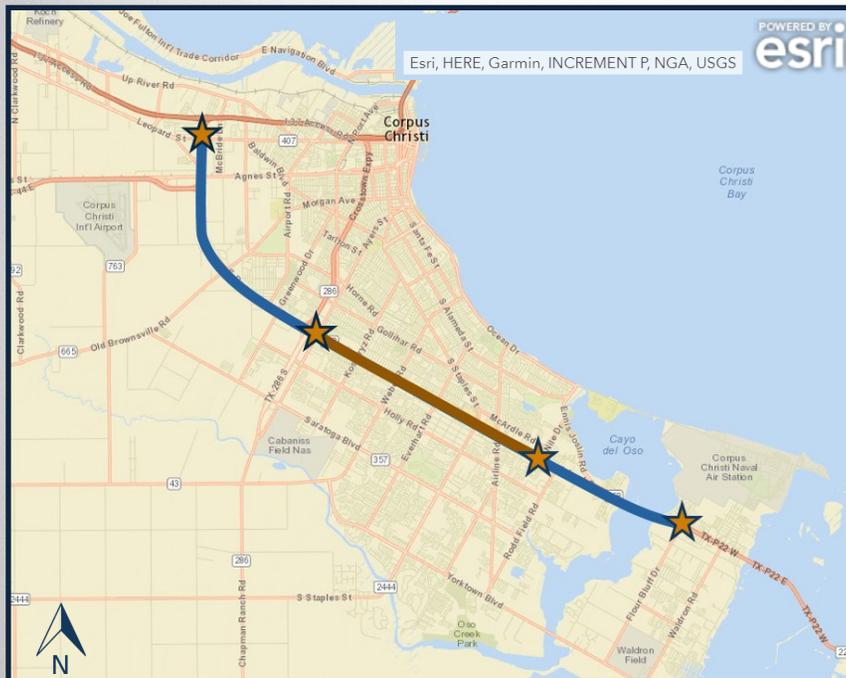


SH 358 RECONSTRUCTION

CORPUS CHRISTI DISTRICT

Project Location



PROJECT OVERVIEW

Location

A section of SH 358 (South Padre Island Drive) is being reconstructed within the city limits of Corpus Christi in Nueces County. The 15-mile project spans from north of Leopard Street to just east of Flour Bluff Drive, with the most significant improvements to be constructed between Ayers Street and Nile Drive.

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- Outdated Intelligent Transportation System (ITS) technology and lighting.

Project History

Reconstruction of SH 358 from Ayers Street to Nile Drive was approved through an environmental study completed in July 2005. Bay Ltd. was selected through a competitive bidding process to construct initial improvements on the north side of SH 358. These were finished in January 2011, and have resulted in increased safety and mobility for vehicles traveling westbound. The current SH 358 mainlane and frontage road improvements will complete reconstruction efforts, including ramp reversals, for the south (eastbound) side of this heavily-traveled corridor. TxDOT is overseeing construction activities with construction management support by Consor.

Project Features

- Eastbound entrance/exit ramp reversals and reconstruction.
- Widening and construction of auxiliary, or “merge” lanes on the eastbound mainlanes and frontage road.
- Median barrier improvements.
- Traffic signal and sidewalk improvements.
- Safety lighting and ITS improvements.

PROJECT PHASES

1

Early 2018 – Summer 2018

- Remove existing mainlane (ML) center median barrier, reconstruct inside shoulders, and add temporary center median barrier between Ayers Street and Airline Road.
- Widen eastbound (EB) frontage road (FR) west of Kostoryz Road.

2

Spring 2018 – Summer 2020

- Replace off-ramp from EB ML to Kostoryz Road and Carroll Lane.
- Begin widening of EB FR pavement and construction of sidewalks in segments between Kostoryz Road and Airline Road.

3

Fall 2018 – Summer 2020

- Widen EB ML bridges to four lanes at Kostoryz Road and Carroll Lane.
- Relocate EB ML off-ramp to Weber Road.
- Widen EB ML pavement and reconstruct EB ML/FR median between Everhart Road and S. Staples Street.
- Continue widening EB FR pavement and construction of sidewalks.

4

Summer 2019 – Summer 2021

- Reconstruct on-ramp from Kostoryz Road to EB ML.
- Widen EB ML bridge to four lanes at Weber Road, Everhart Road, and S. Staples Street.

5

Early 2021 - Summer 2021

- Reconstruct ML shoulders and center median barrier between Ayers Street and Carroll Lane.
- Construct temporary off-ramp from eastbound ML to Everhart Road.
- Reverse ramps between Everhart Road and S. Staples Street.

6

Summer 2021– Late 2021

- Reverse ramps between Weber Road and Everhart Road.
- Widen EB ML pavement and reconstruct EB ML/FR median between Everhart Road and S. Staples Street.
- Reconstruct ML shoulders and center median barrier between Carroll Lane and Weber Road.
- Reconstruct off-ramp from EB ML to Airline Road.

7-10

Late 2021 – Summer 2022

- Reconstruct ML shoulders and median barriers.
- Rehabilitate pavement at EB ML bridges and overlay EB ML pavement.
- Mill and overlay EB FR pavement.
- Place pavement markings.

SH 358 AT A GLANCE

Major East-West Corridor

SH 358 is an urban freeway located within a significantly developed area of Corpus Christi. It is one of the most heavily traveled corridors in the TxDOT Corpus Christi District, serving commuters, businesses, and governmental entities including:

- Corpus Christi Naval Air Station
- Corpus Christi Medical Center
- Corpus Christi and West Oso Independent School District campuses
- Manufacturing and distribution facilities such as Coca-Cola and FedEx
- Numerous retail developments and restaurants
- Gateway to South Padre Island

Traffic Volume and Incidents

- Average annual daily traffic ranged from 154,000 to 162,000 between Ayers Street and Nile Drive in 2018
- Average annual daily traffic is projected to increase to 188,000 in 2037, representing more than a 20% increase
- 1,143 crashes were reported in the corridor the year prior to construction

PROJECT INFORMATION

(361) 857-3084

www.txdot.gov, keyword search "SH 358 Reconstruction"

TxDOT CORPUS CHRISTI DISTRICT

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Project Details

The current reconstruction project will address growing safety, mobility, and design issues along SH 358 from north of Leopard Street to just east of Flour Bluff Drive, and will include these improvements:

- Reconstruct several eastbound (EB) entrance and exit ramps between Ayers Street and Nile Drive, including "reversing ramps" between Weber Road and South Staples Street to reduce traffic backups from intersections onto the mainlanes (ML)
- Widen and construct new auxiliary, or "merge" lanes on the EB ML and frontage road (FR) 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 ML 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 bicyclists and pedestrians
- Improve traffic signal timing and connectivity along the EB FR to increase mobility
- Improve Intelligent Transportation Systems (ITS), including fiber optic/communication lines and equipment, along the entire corridor to facilitate the provision of accurate, up-to-the-minute traffic information for drivers and emergency responders

