

PROJECT FEATURES

Old San Antonio Road

- Local road providing access to
 - Residential areas
 - Churches
 - Businesses
- Connection between FM 1626 and Main Street in Buda
- Crossing at Onion Creek
- El Camino Real historical route
- City of Austin undeveloped park land
- Estancia Hill Country Development

Mobility Features

- Increased traffic due to area growth
- Local by-pass for IH 35 traffic
- Popular bicycle route



EXISTING FACILITY

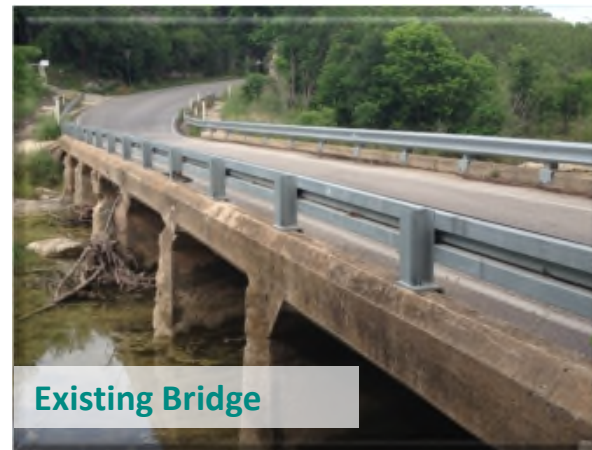
Existing Roadway

- 22 foot narrow roadway
- No shoulders
- 45 MPH posted speed
- Approx. 50 foot existing right-of-way



Existing Bridge

- 106 foot length, 20 foot width
- Originally built in 1915
- TxDOT added railing in 2010
- One lane, two-way traffic
- Line of sight yield condition
- Functionally Obsolete



PROJECT IMPROVEMENTS

Enhance Safety

- Provide two lanes with shoulders

Reduce Flooding Frequency

- Raise roadway elevation
- Span Onion Creek
- No impact to 100-year floodplain

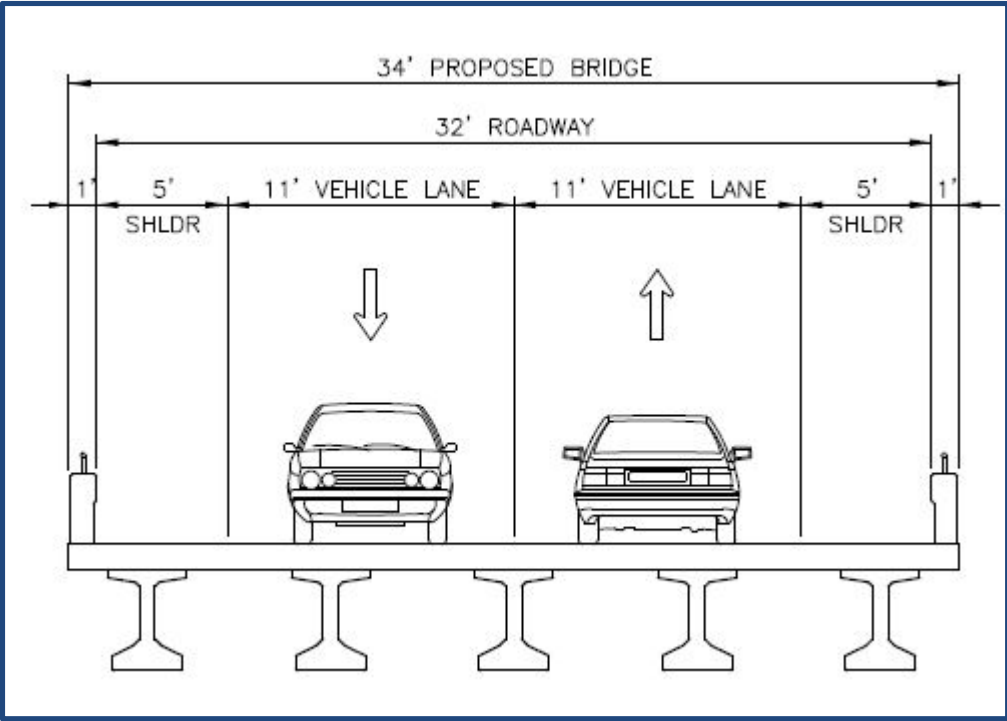
Convert Existing Bridge to Bike/Pedestrian Use

- Retain contributing feature on historical route
- Connection across creek for hike and bike trail
- Scenic views of Onion Creek



PROPOSED BRIDGE TYPICAL SECTION

- 34 foot overall bridge width
- Two 11 foot lanes
- Two 5 foot shoulders (desirable)



ALTERNATIVE 1 (RECOMMENDED ALIGNMENT)

Downstream Alignment

- **Advantages**
 - Maintains consistent speed across the bridge
 - Retains access to Jarrel's Muffler
 - Minimal impact to traffic during construction
 - Moderate construction time
 - Moderate total project cost (some ROW acquisition cost) for COA park land
 - No significant environmental impacts
- **Disadvantages**
 - Impact to City of Austin undeveloped park land
 - Potential relocation of some existing utilities
 - Hike/bike path to cross under bridge



- NEW PAVEMENT
- NEW BRIDGE
- EXISTING BRIDGE
- EXISTING PAVEMENT TO BE KEPT
- EXISTING PAVEMENT TO BE REMOVED
- UNDEVELOPED CITY OF AUSTIN PARK LAND



ALTERNATIVE 2 (NOT RECOMMENDED ALIGNMENT)

Upstream Alignment

Advantages

- Minimal impact to City of Austin undeveloped park land
- Existing bridge on same side as hike and bike trail
- No relocation of existing utilities
- No significant environmental impacts

Disadvantages

- Reduced design speed
- Greater impact to traffic during construction
- Impact in access to Jarrel's Muffler
- Longer construction time
- Highest project cost (ROW and temporary pavement)

