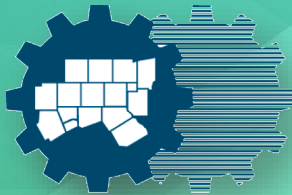


US 377 Project Update:



City of Granbury
August 20, 2024

| Project Team |



North Central Texas
Council of Governments



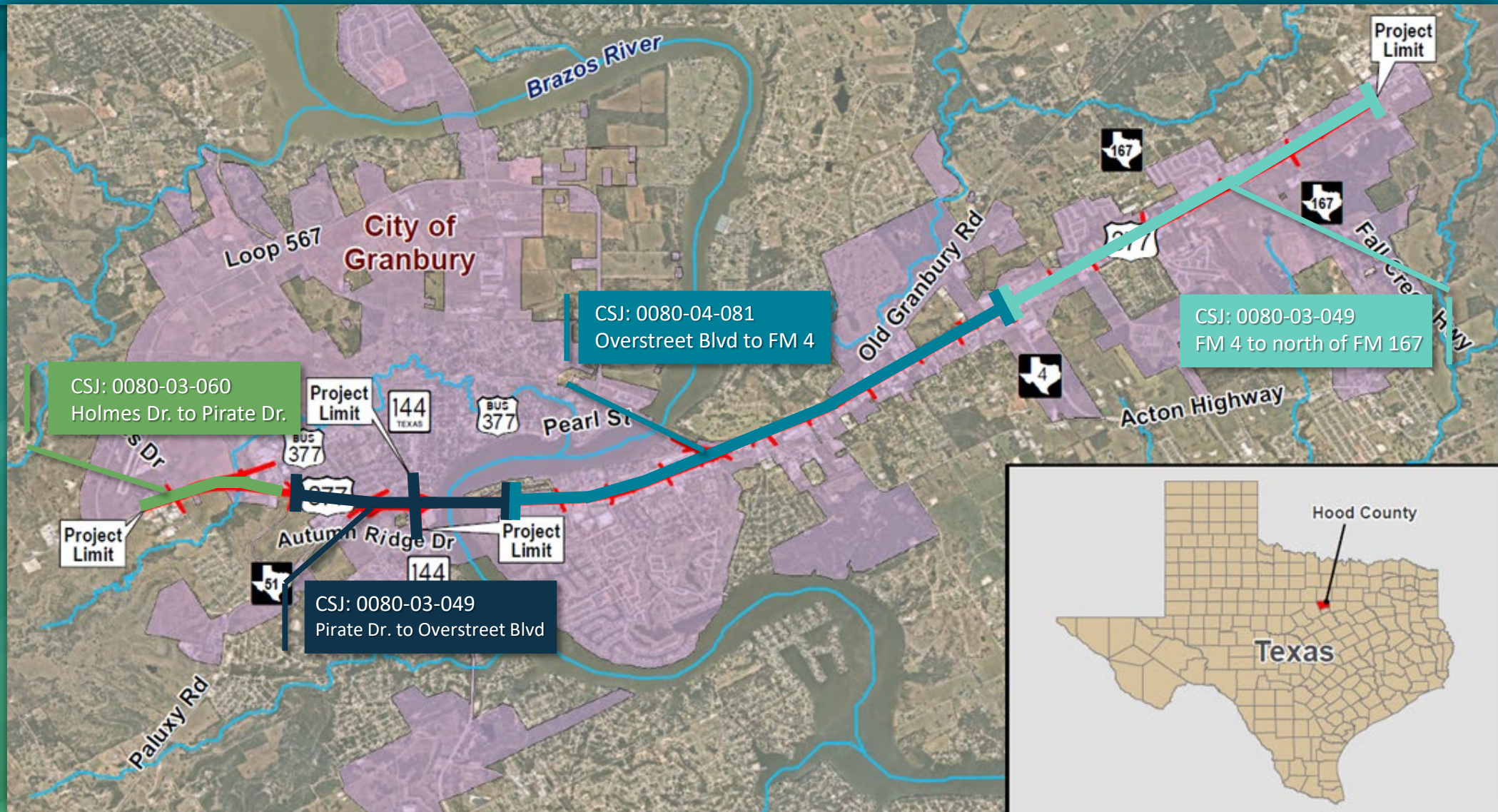
| ITS Role |

- Attend TxDOT bi-weekly project update meetings
- Attend TxDOT utility coordination meetings
- Provide Constructability Reviews
 - Traffic Control Plan (TCP)
 - Phase Construction
- Assist with City of Granbury Utility Coordination
- Monitor TxDOT Right-of-Way Acquisition
- Coordinate TxDOT agreements
- Assist with project funding

| ITS Oversight |

- No 10% Local Match Required
- Heather Drive Drainage Diversion - \$2.5M savings
- Traffic Control and Phase Construction Reviews
- Aesthetics Recommendations
- Landscape Maintenance Agreement Review

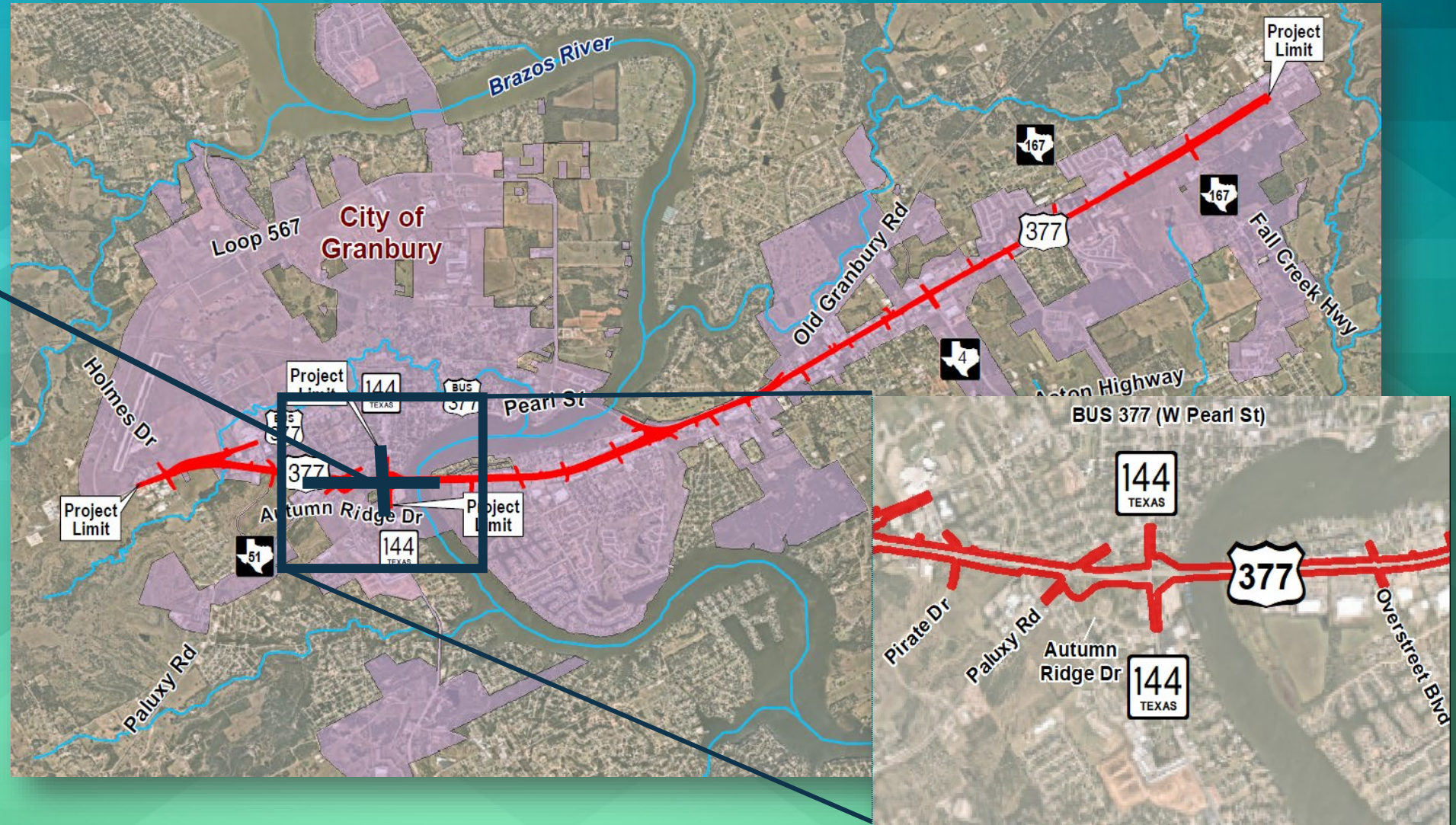
| Project Location |



| Breakout Project Limits |

Breakout Project Limits:

US 377 from Pirate Drive to Overstreet Blvd.
(including SH 144 from Autumn Ridge Drive to FM 51)



| Breakout Project Cost and Schedule |

Cost

Estimated at \$132M

Schedule

- Environmental Clearance.....May 2024
- Final Plans.....March 2025
- Right of Way Acquisition Completed.....Spring 2026
- Utility Adjustments Completed.....Spring 2027
- Let for Construction.....September 2027
- Open to Traffic.....September 2031

** Projected date for start of construction is based on availability of funding. The proposed project may be constructed in phases subject to funding availability.*

| Project Need & Purpose |

Need

- Inadequate capacity to meet current and projected traffic volumes
- Not up to current design standards

Purpose

- Improve mobility
- Enhance Safety

- Add capacity
- Manage congestion
- Improve operational efficiency

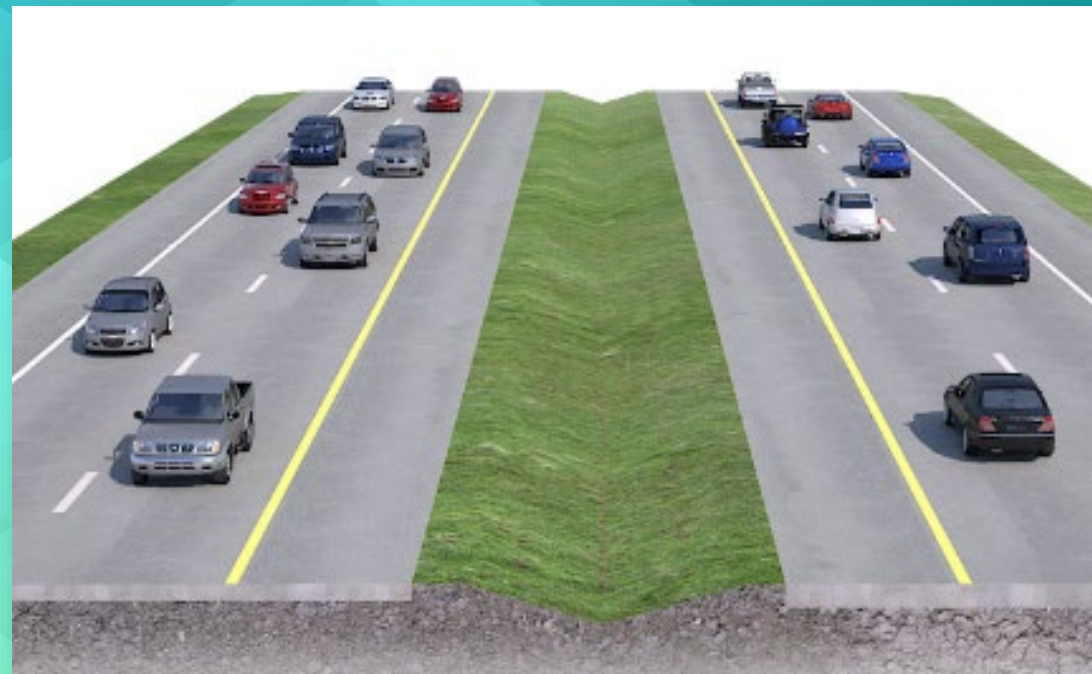


- The existing highway is a four-lane highway with 12-foot-wide travel lanes (two in each direction) within 120- to 371-foot-wide existing right-of-way.
- Medians throughout the corridor vary between a depressed median, raised median, and two-way left-turn lane.

| Existing Roadway |

Typical Section with Depressed Median

US 377 from Holmes Drive to the east end of the US 377 bridge over the Brazos River, and from FM 167 (Fall Creek Highway) to 3,000 feet north of FM 167 (Fall Creek Highway) has a depressed median.



| Existing Roadway |

Typical Section with Raised Median

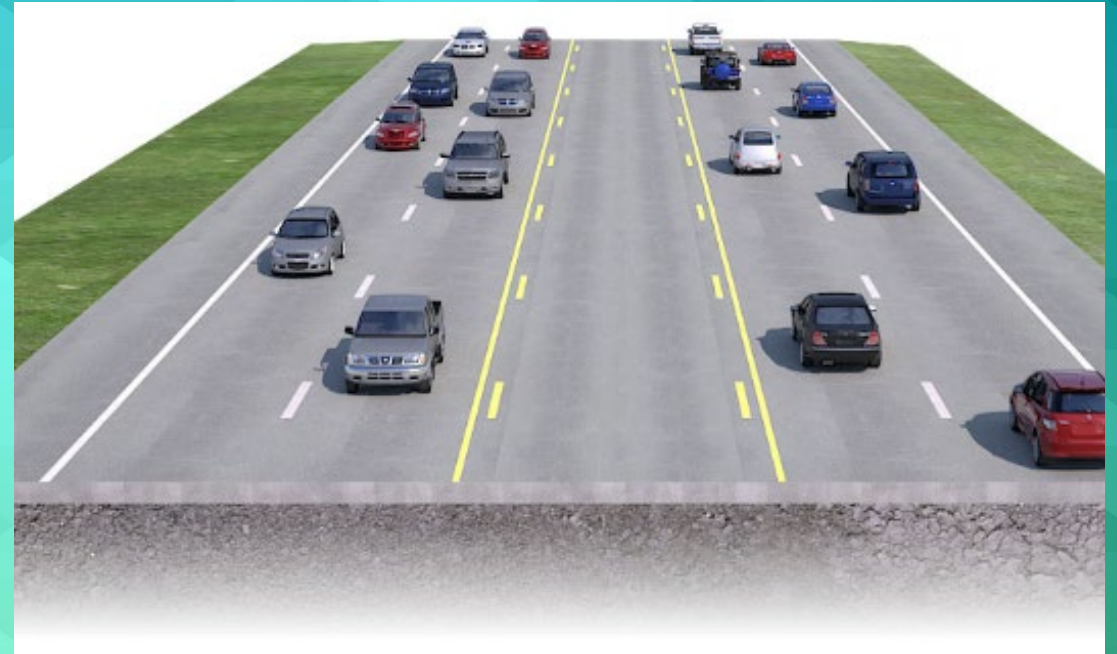
US 377 from the east end of the US 377 bridge over the Brazos River to east of Whitehead Drive has a raised median.



| Existing Roadway |

Typical Section with 2-Way Left Turn

US 377 from east of Whitehead Drive to FM 167 (Fall Creek Highway) has a center two-way left-turn lane.



| Proposed Roadway |

Typical Section



- The US 377 Project would increase the existing four-lane roadway to a six-lane (three lanes in each direction) divided urban highway.
- Between FM 51 (Paluxy Road) and Holmes Drive, US 377 would remain a four-lane highway and would be converted from a rural highway to an urban highway.
- Project would include improvements to cross street intersections, interchanges, ramps, and driveway connections, as well as bicycle and pedestrian accommodations.

| Project Objectives |

- Improve the interchange with SH 144
- Add additional through lanes in each direction (add capacity)
- Improve BUS 377 interchanges (north and south)
- Address drainage issues along the corridor
- Provide pedestrian and bicycle accommodations
- Evaluate access management (operational efficiency and safety)
- Accommodate NCTCOG Mobility 2050 and City of Granbury Thoroughfare Plans

| Breakout Project |

US 377/SH 144 Interchange



| Website Link |

TxDOT: US 377
Hood County Project



TxDOT: US 377
Public Hearing



| Right-of-Way |

Status

18 Parcels for Acquisition

9 parcels are in negotiations

6 parcels have Possession and Use Agreements

3 parcels are being appraised

| Utility Relocations |

Breakout Project Utilities in Conflict:

- AT&T
- Atmos
- Granbury
- Spectrum
- Windstream
- Zayo

Utility Relocation Status:

- Utilities relocation design in progress
- Utility clearance expected Jan. 2026



| Drainage Improvements |

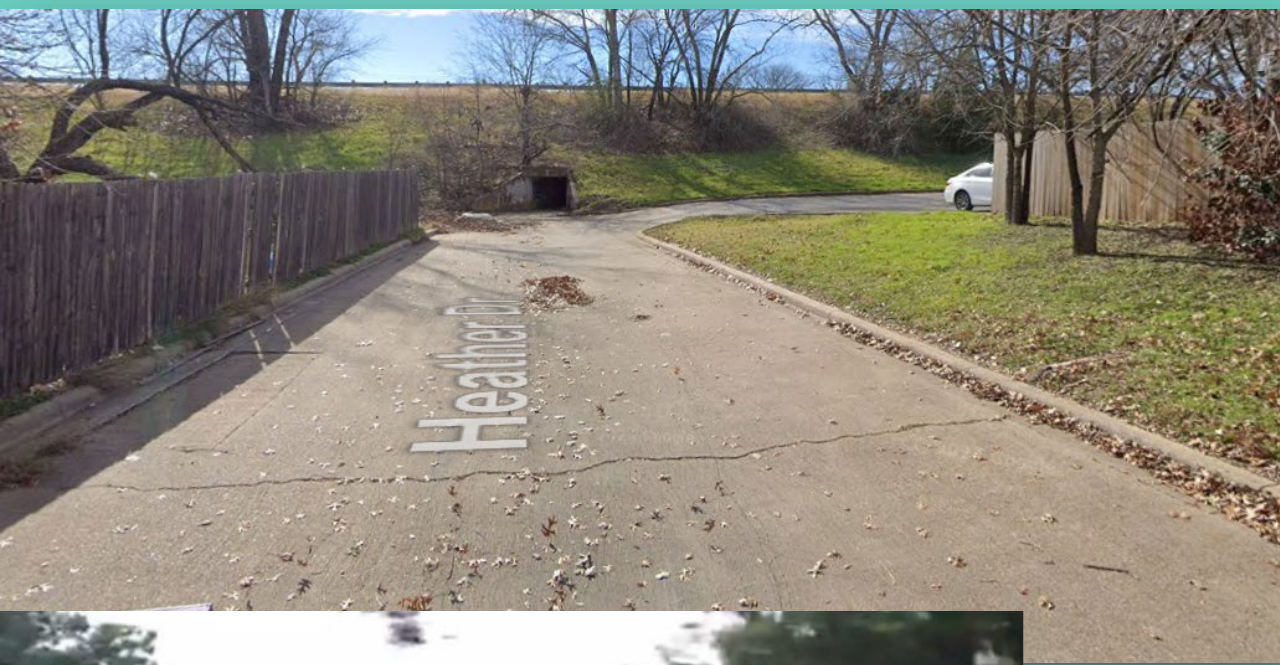


Objectives

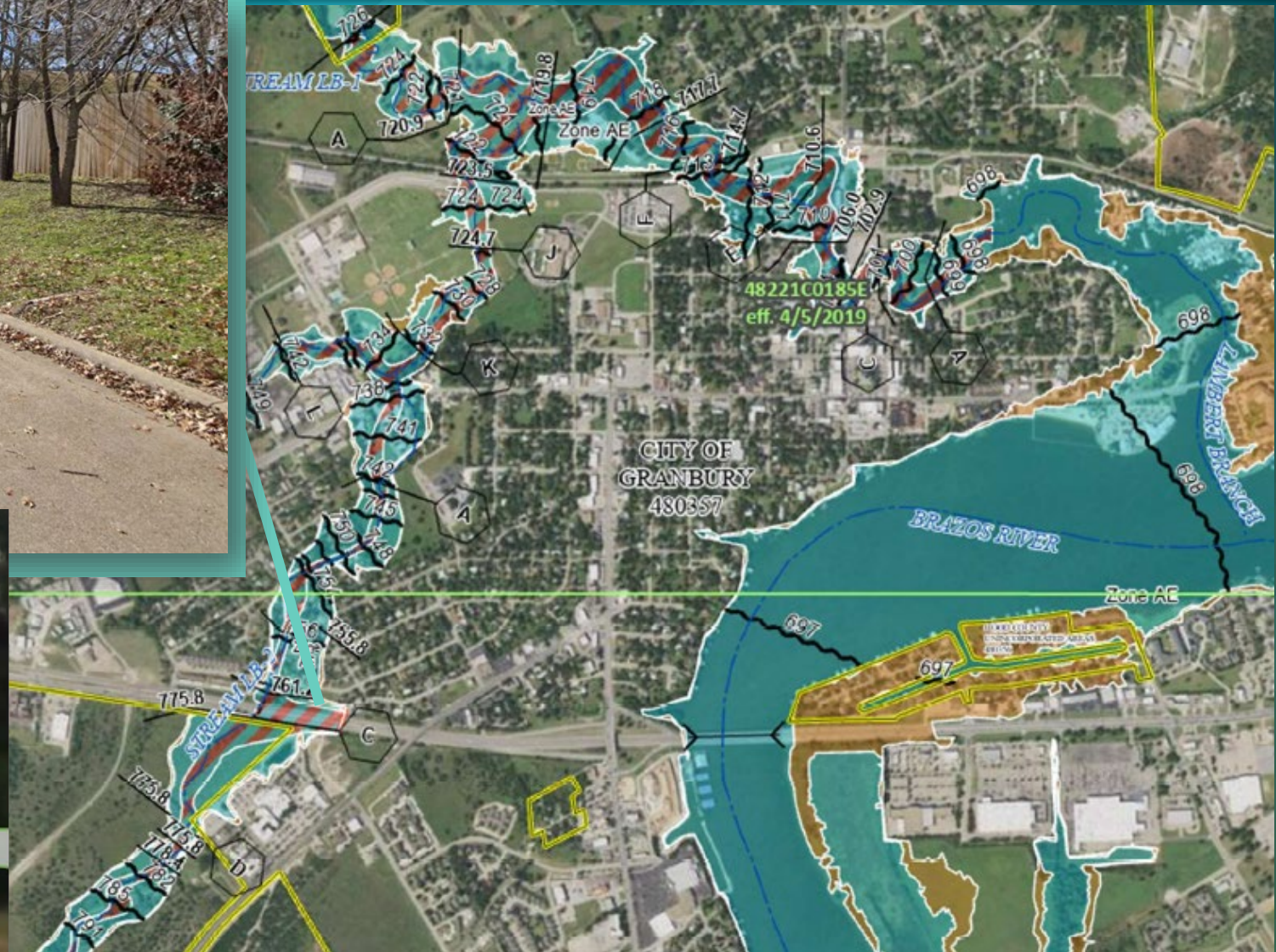
- Improve US 377 drainage system to current TxDOT design criteria
- Convert from open drainage ditches to enclosed urban storm drains under US 377

| Drainage Improvements |

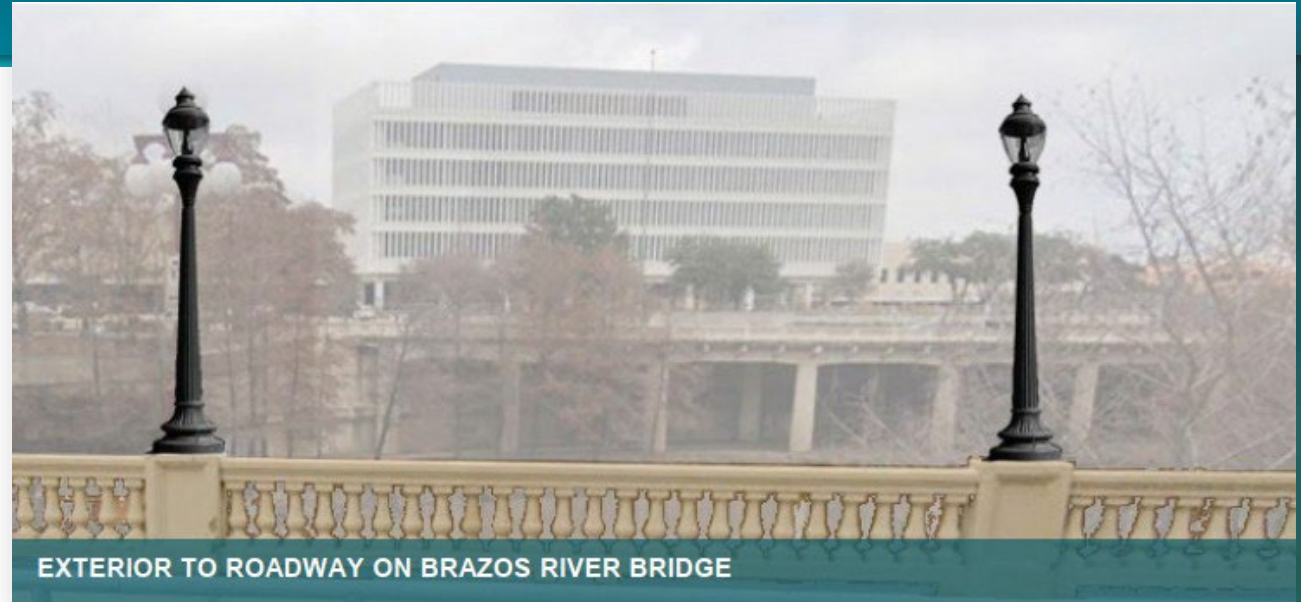
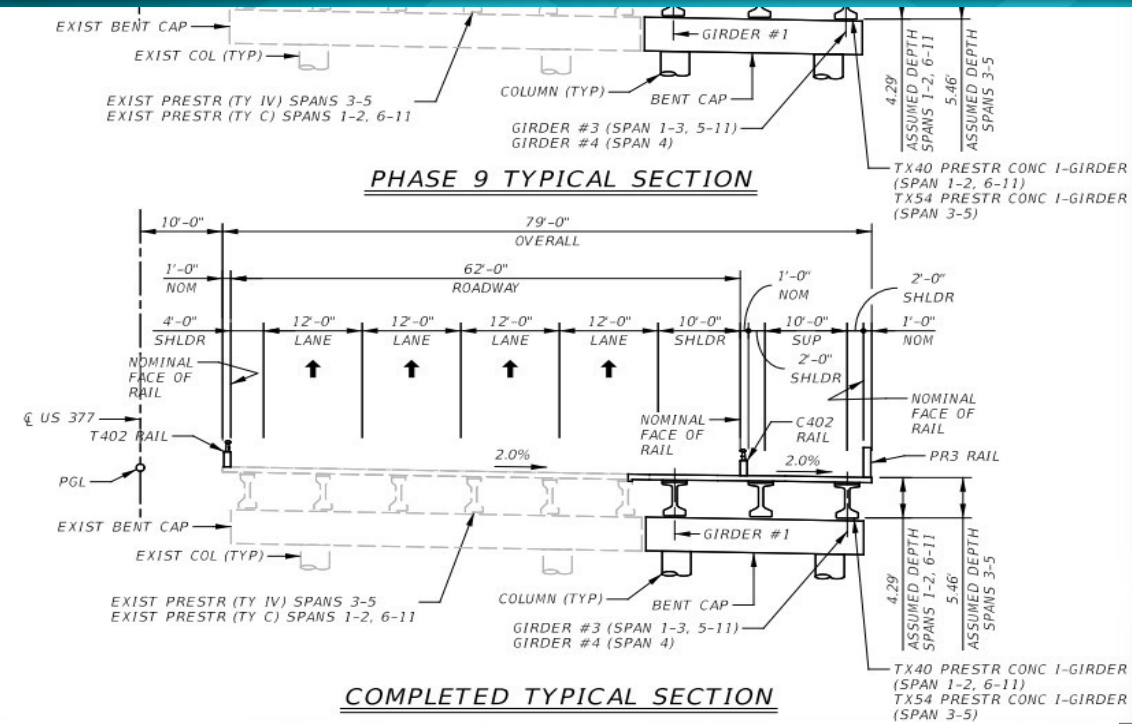
Heather Drive



FLOODING IN GRANBURY, TX

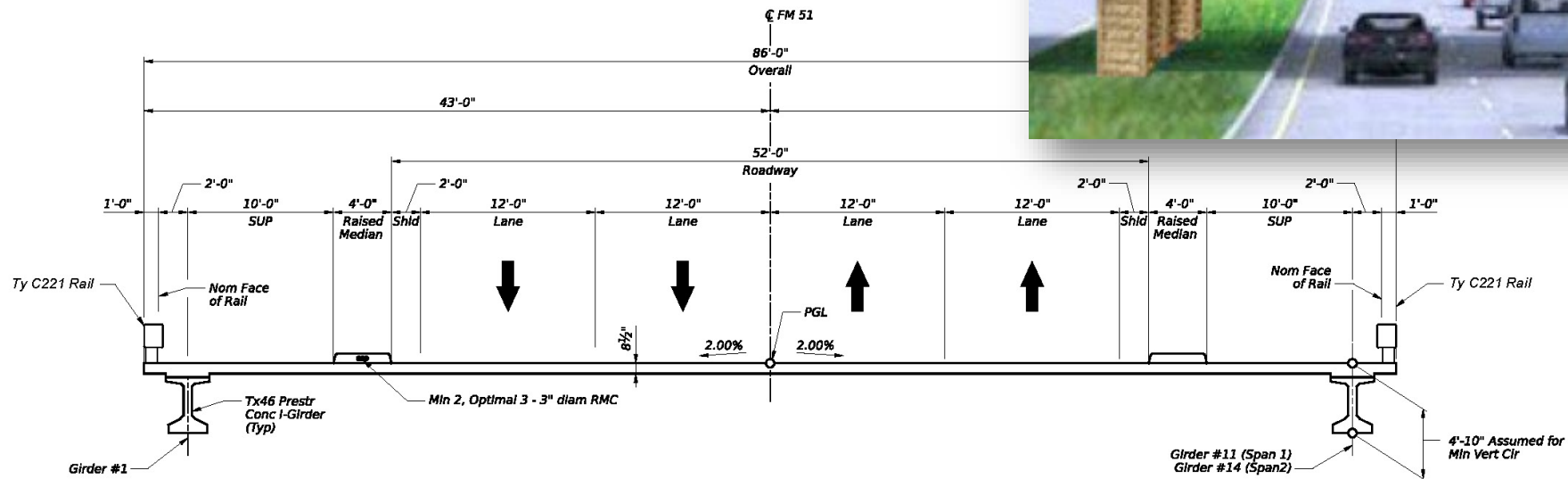


| Bridge Rails |



| Bridge Rails |

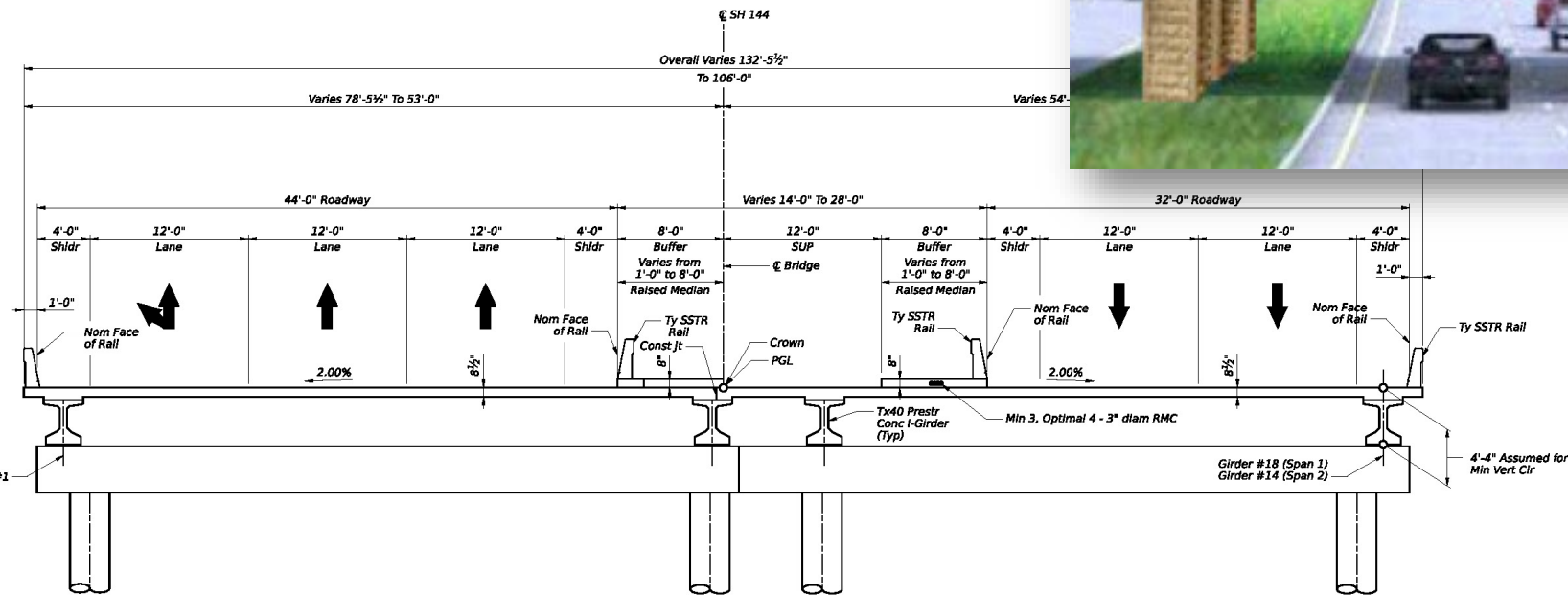
at FM 51 (Paluxy)



PROPOSED TRANSVERSE SECTION

| Bridge Rails |

at SH 144 (Morgan Street)



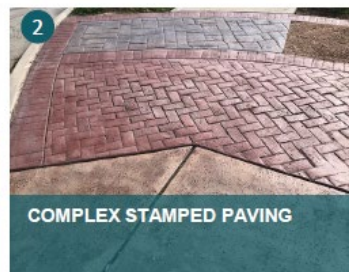
PROPOSED TRANSVERSE SECTION

| Aesthetics |

Stamped Concrete



STAMPED



COMPLEX STAMPED PAVING



COLORADO RIVER
ROCK
(6" - 8")



RIO-GRANDE COBBLE
ROCK OVERSIZED (8" -
10")



| Aesthetics |

Poles & Lighting



| Aesthetics |

Illumination at Brazos River

TxDOT Typical Roadway Enhancement



Soft warm white lighting preferred and recommended for Roadway and Pedestrian Safety Lighting.
LED Lighting recommended for any enhanced accent lighting.

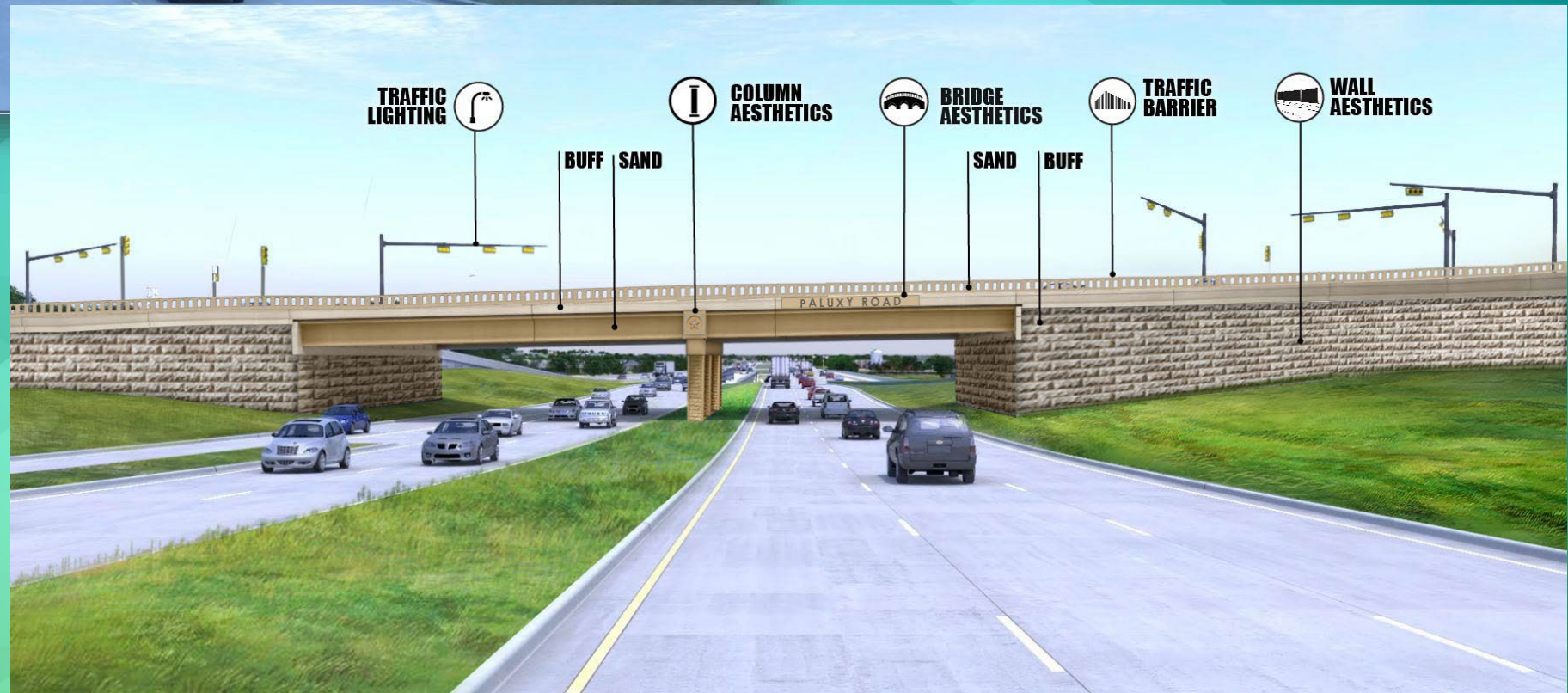
Preferred Under Bridge Lighting Alternative



UNDERPASS DOWNWARD ACCENT MULTI-LED LIGHTING AT BRAZOS RIVER BRIDGE

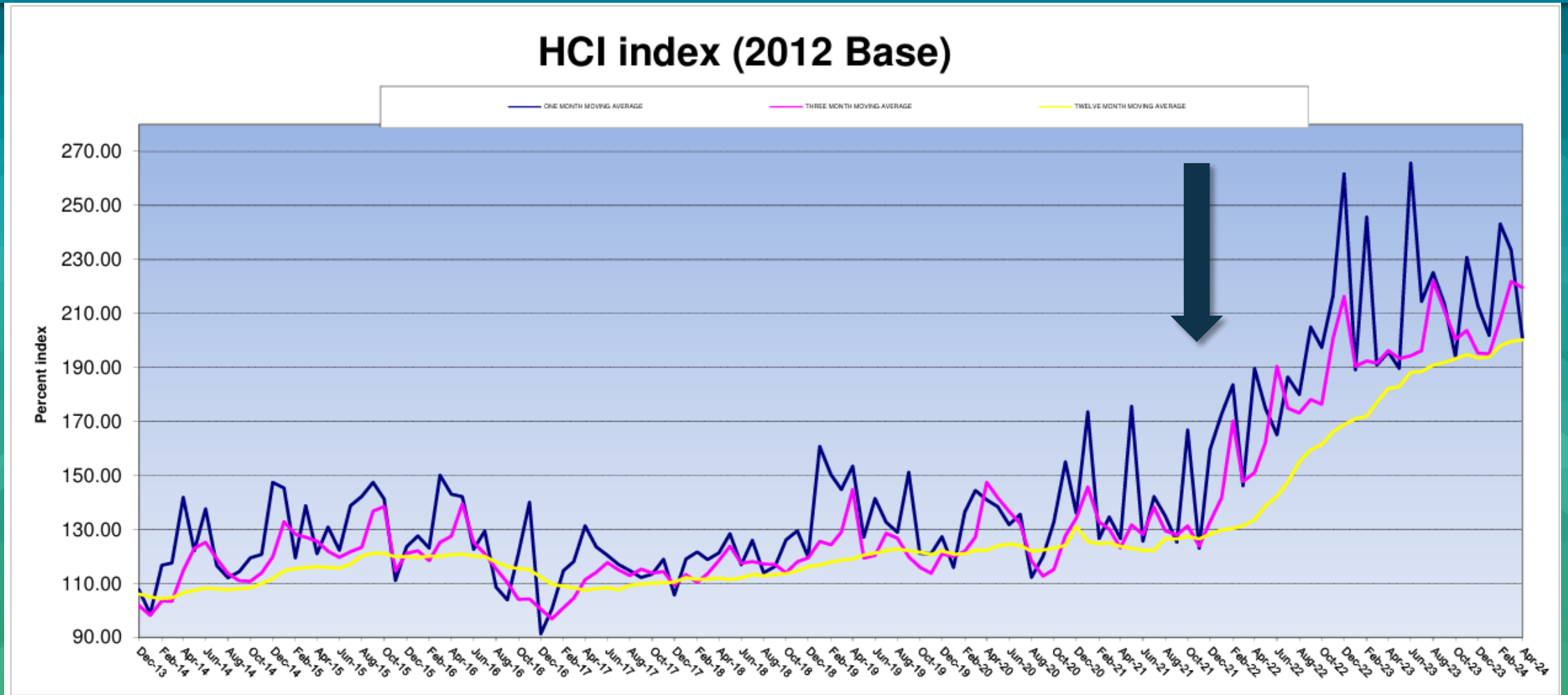
| Aesthetics |

Retaining Walls





| Construction Cost Increases |



Since April 2022, TxDOT construction costs have increased by 65%.

| Project Contacts |



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