



BCS MPO Policy Board Meeting

FM 1179 Widening

From Easterling Drive To FM 158 (Boonville Road)

Brazos County

CSJ: 1316-01-071

September 6, 2023

1

Project Location



FM 1179 Widening

Limits
From Easterling Drive
To FM 158 (Boonville Road)

Location
Bryan, Brazos County

Project Length
Approx. 3.6 miles

FM 1179 Widening

CSJ: 1316-01-071

2

Welcome

FM 1179 Widening

Public Meeting

Thursday, July 27, 2023

The Brazos Center

3232 Briarcrest, Bryan, Texas

Why am I here?

- Learn about the FM 1179 Widening project
- Provide comments on the proposed project

Project Need and Purpose

Need

- High crash rate along the corridor exceeds statewide average for similar roadways
- Inadequate roadway capacity resulting in reduced mobility and increased congestion along the corridor

Purpose

- Enhance safety along the corridor by upgrading to modern roadway design standards
- Improve mobility and reduce congestion by increasing roadway capacity to accommodate current and future traffic demand

Proposed Improvements



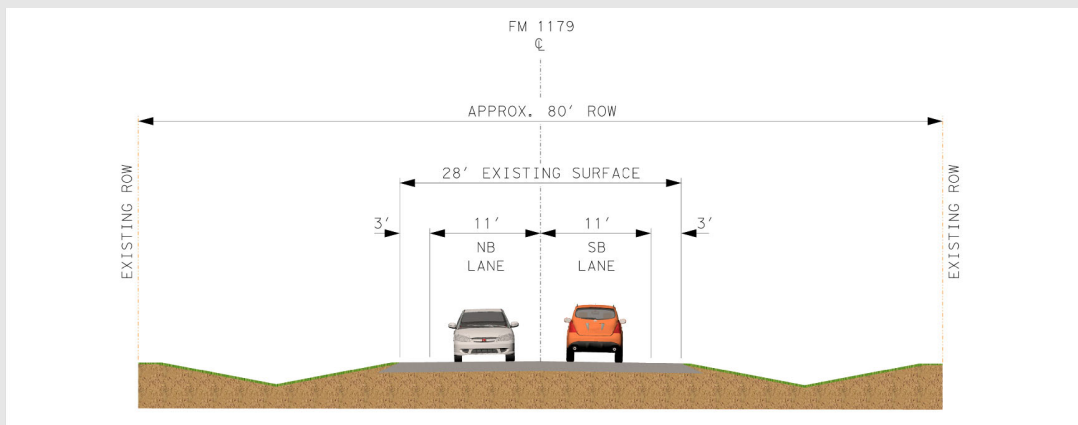
- Widen FM 1179 from a two-lane roadway to a four-lane roadway, two lanes in each direction
- Construct a raised median with dedicated left turn lanes at select intersections
- Construct roundabouts at:
 - Coyote Run Road
 - Merka Road/Steep Hollow Road
- Construct a sidewalk wide enough for both pedestrians and bicyclists, also called a shared-use path



About 39 acres of right of way would be needed to construct the proposed improvements.

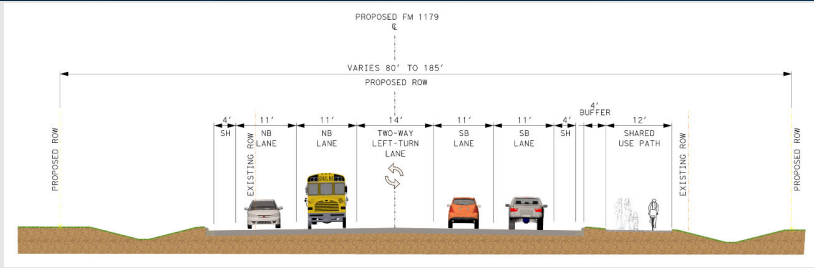
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Existing Typical Section

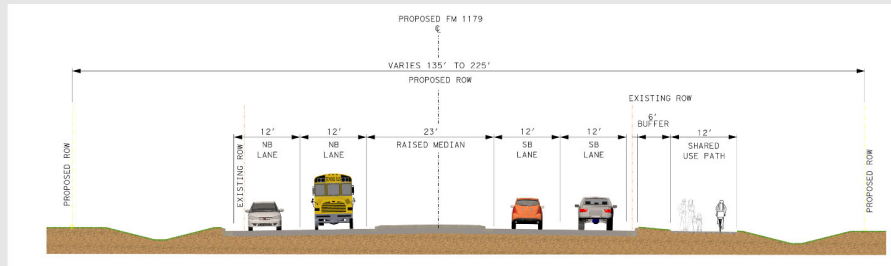


6

Proposed Typical Section



North of Merka Road/Steep Hollow Road



South of Merka Road/Steep Hollow Road

FM 1179 Widening

CSJ: 1316-01-071

7

Why Raised Medians?



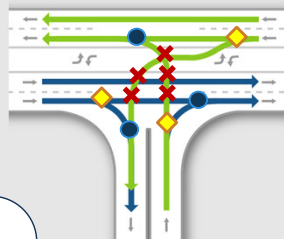
Median Features:

- Enhance safety by reducing conflict points where vehicles can collide
- Improve traffic flow by providing dedicated turn lanes

Median Statistics:

- Nationally** – Raised medians have shown to reduce crashes by up to 27%
(1995 Study published in the Journal of Transportation Engineering)
- Locally** - Recent raised median projects have reduced crashes by up to 65%
(Texas Avenue and University Drive Projects)

Two-Way Left Turn Lane



Raised Median w/Designated Left Turn



Conflict Point Legend

- ✖ CROSSING
- MERGING
- ◆ DIVERGING

FM 1179 Widening

CSJ: 1316-01-071

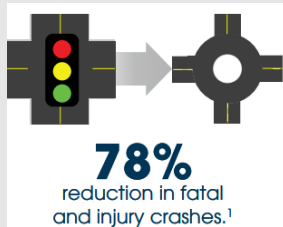
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Why Roundabouts?

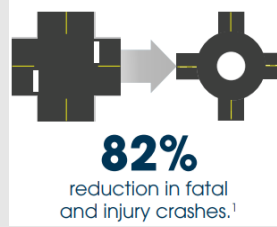


- Reduce number and severity of crashes
- Reduce conflict points where vehicles can collide with each other
- Improve traffic flow through the intersection for connecting streets

Signalized Intersection to a Roundabout



Two-way Stop-Controlled Intersection to a Roundabout



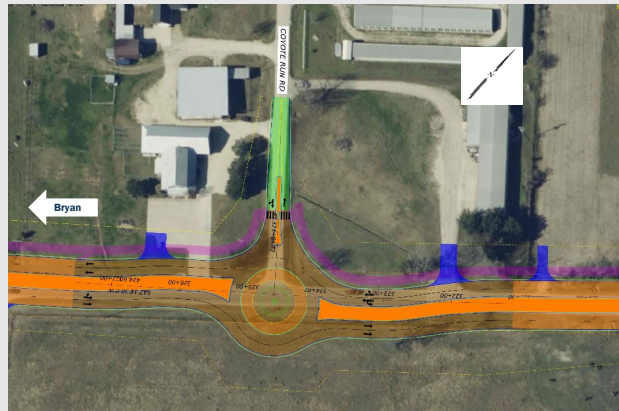
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Proposed Roundabouts



Merka Road/Steep Hollow Road

Coyote Run Road



Anticipated Project Schedule



*Construction schedules will be developed during detailed design.

We are Here

FM 1179 Widening

CSJ: 1316-01-071

11

Public Comments and Next Steps



FM 1179 Widening

CSJ: 1316-01-071

12