

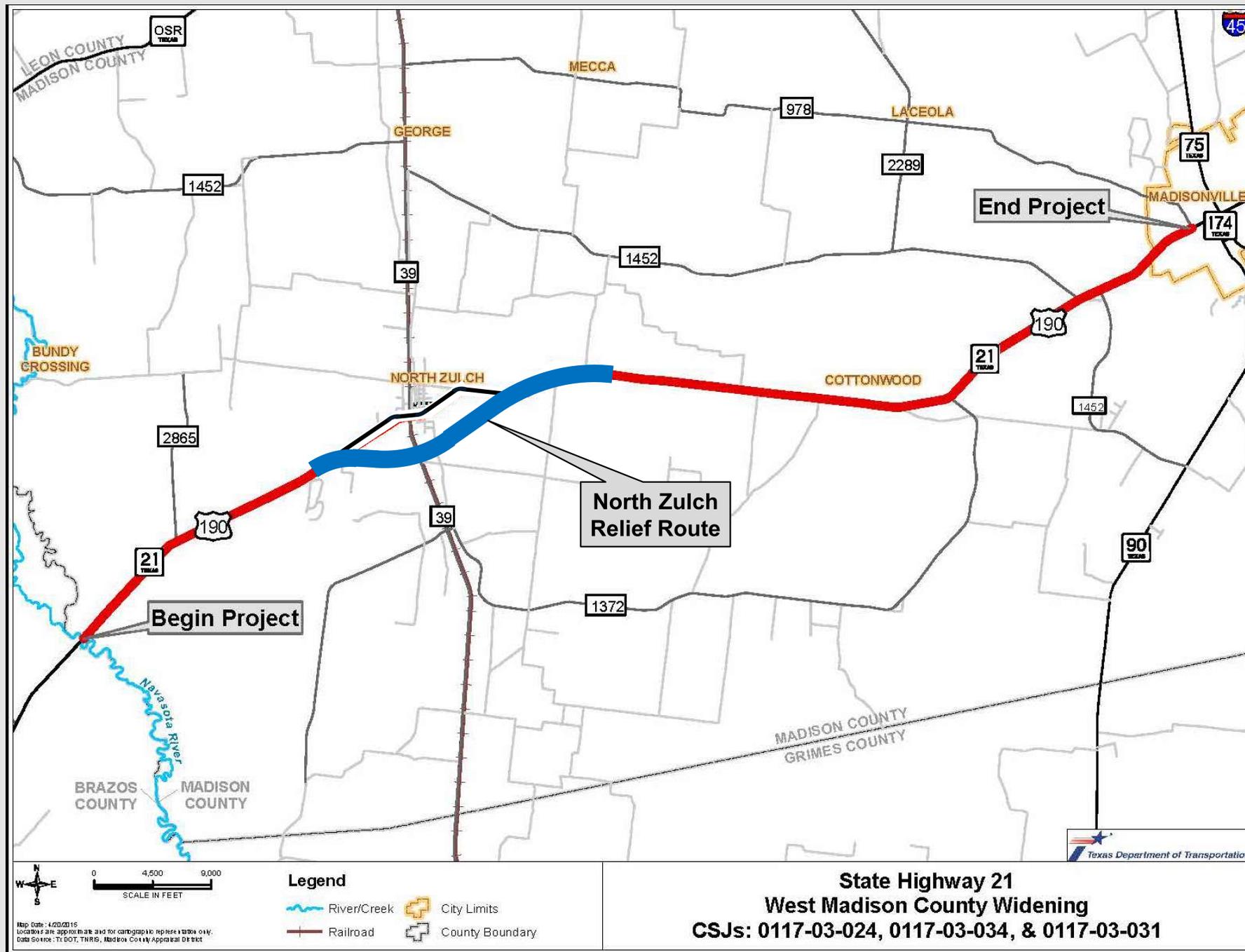


National Environmental Policy Act (NEPA) Assignment to the Texas Department of Transportation

The environmental review, consultation and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated Dec. 16, 2014, and executed by FHWA and TxDOT.

La revisión y consultas ambientales y otras acciones requeridas por las leyes ambientales federales aplicables para este proyecto están siendo, o han sido, llevadas a cabo por TxDOT, de acuerdo con 23 U.S.C. 327 y un Memorando de Entendimiento de fecha 16 de diciembre del 2014, y afirmado por FHWA y TxDOT.

SH 21/US 190 West Madison County Widening



- Part of the overall SH 21/ US 190 corridor study from SH 6 in Bryan to Madisonville
- Extends 20 miles from 0.8 miles east of Navasota River to MLK Blvd in Madisonville
- Will increase capacity of SH 21/US 190 from 2-lane to 4-lane divided
- Will straighten sharp curves and separate opposing traffic with grass median
- ROW acquisition begins in 2019
- Construction anticipated to begin in late 2022



SH 21 at IH 45 Bridge Widening



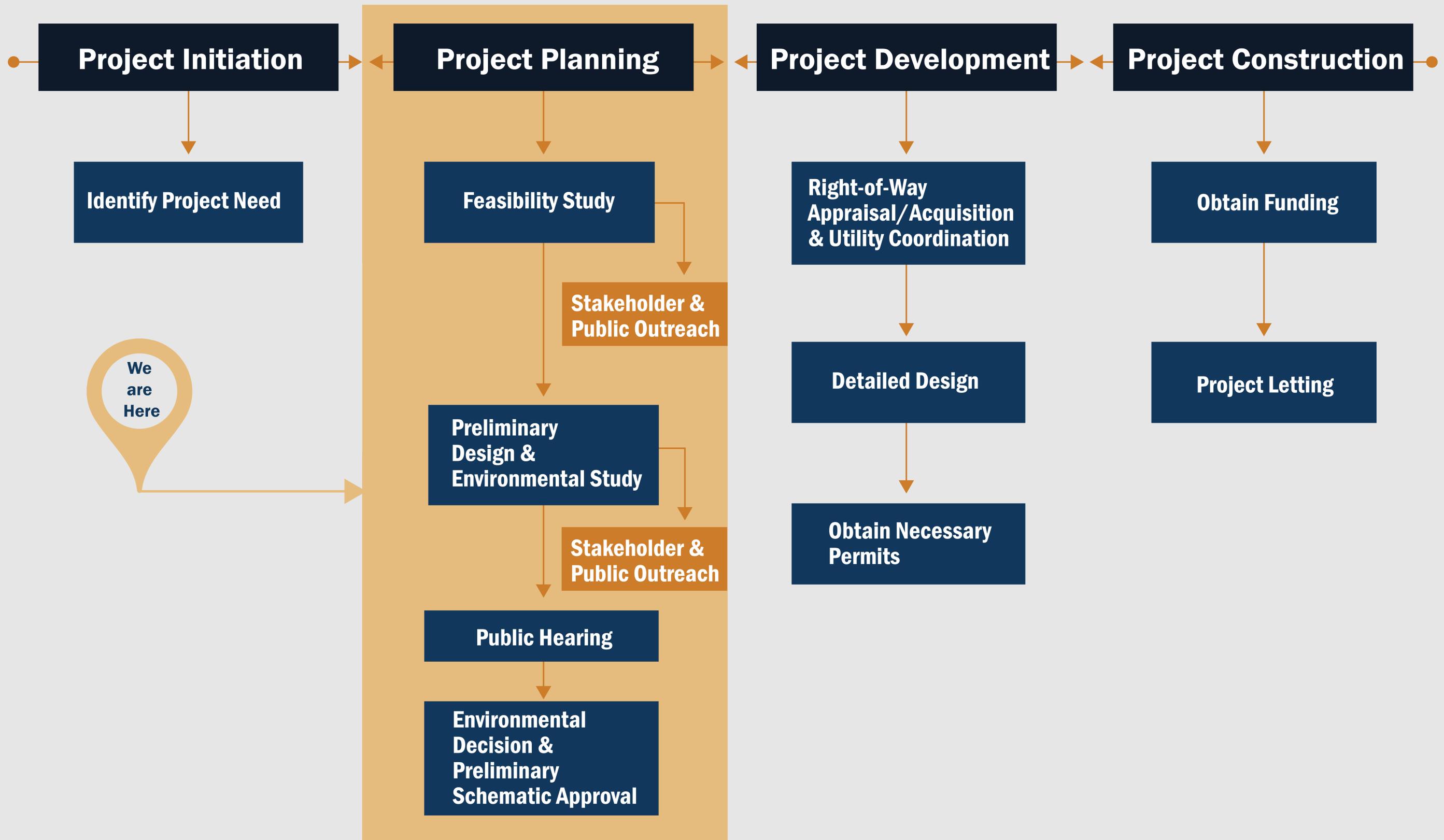
- Location: City of Madisonville
- Construction Dates: January to July 2020 (estimate)
- Enhancements include:
 - Additional eastbound through lane
 - Second left turn lanes westbound & southbound
 - Right turn lane westbound
 - Sidewalk connecting frontage road intersections and across bridge
 - Safety lighting
 - Improved bridge rail
- Construction Cost: \$4 million



Environmental Constraints

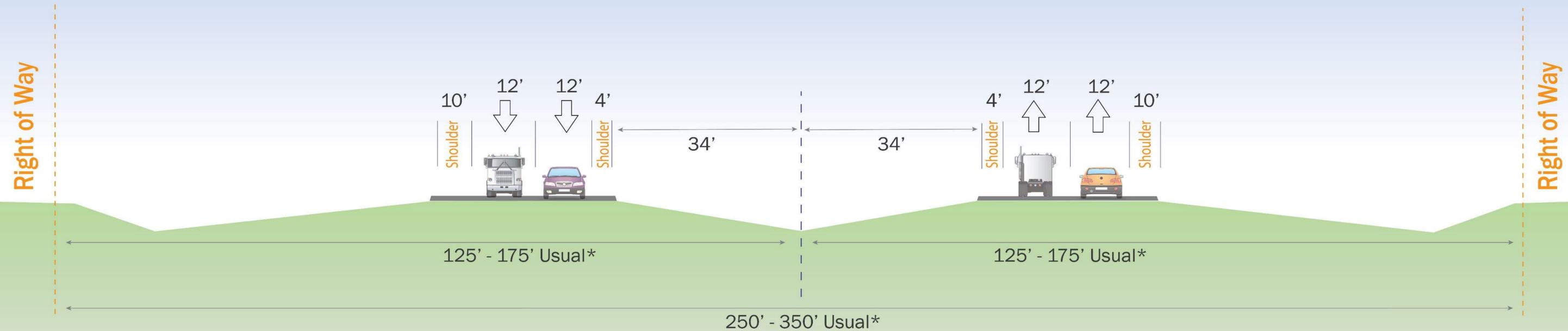


Project Process



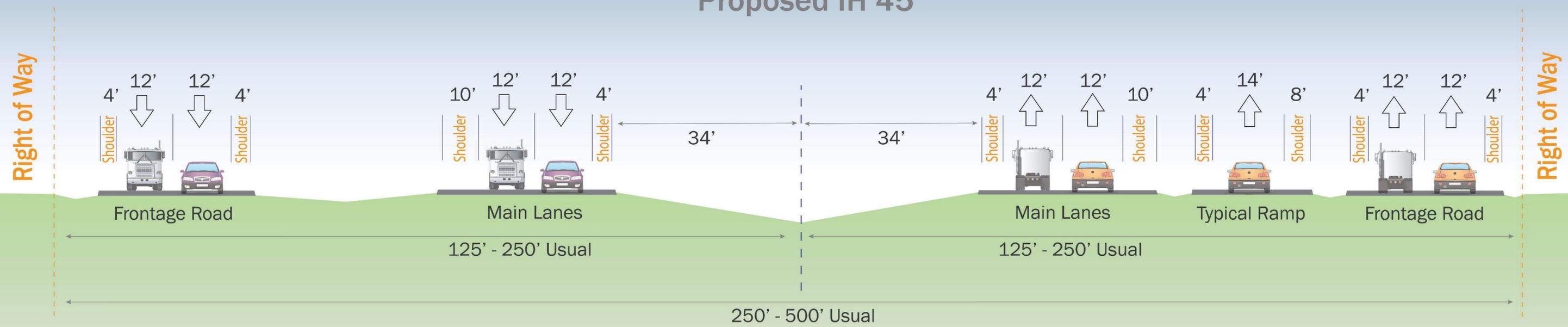
Typical Sections

Proposed Relief Route



* Except at intersections with SH 21, SH 90, SH 75, and IH 45

Proposed IH 45

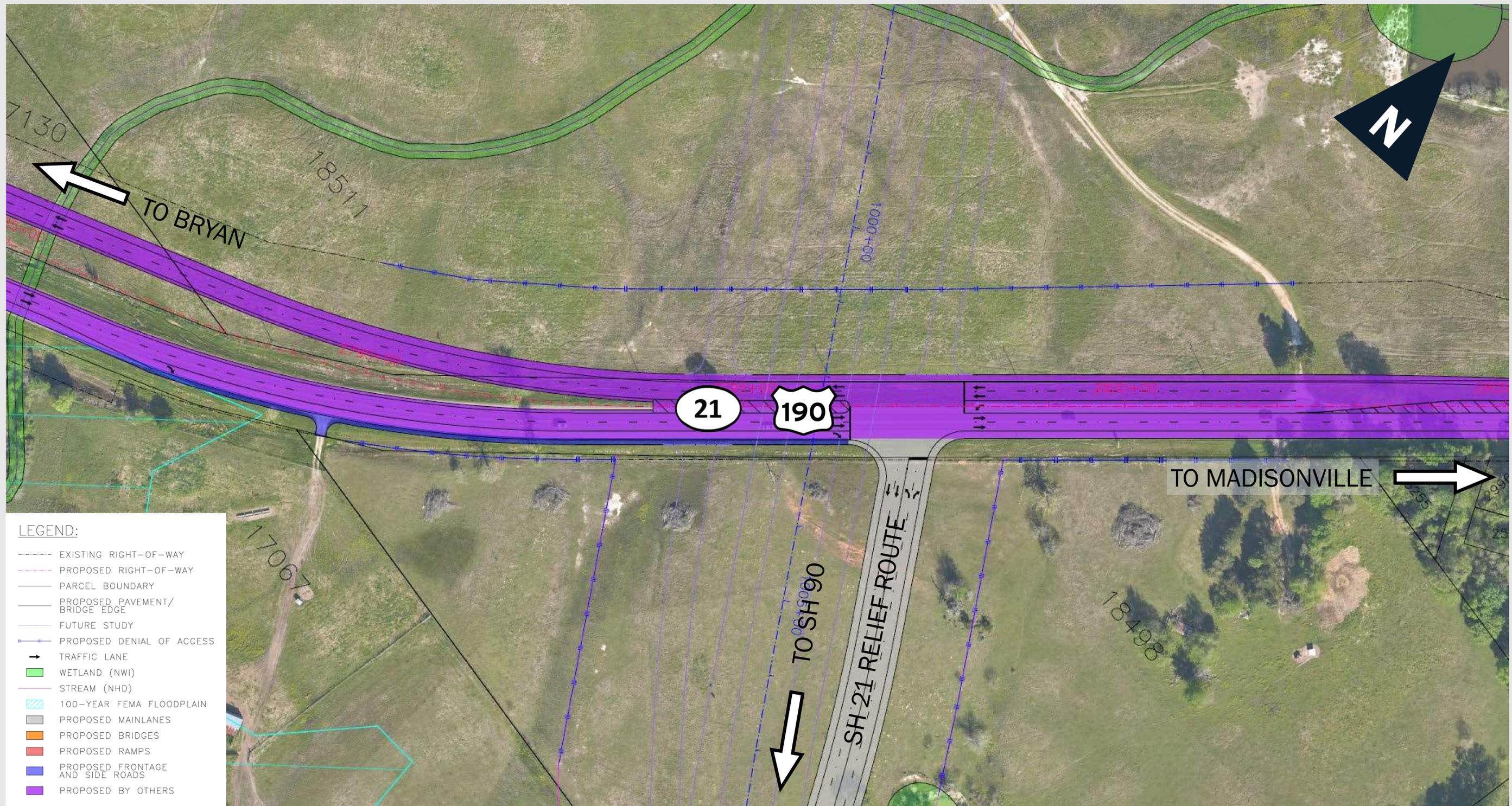


Project Overview Map

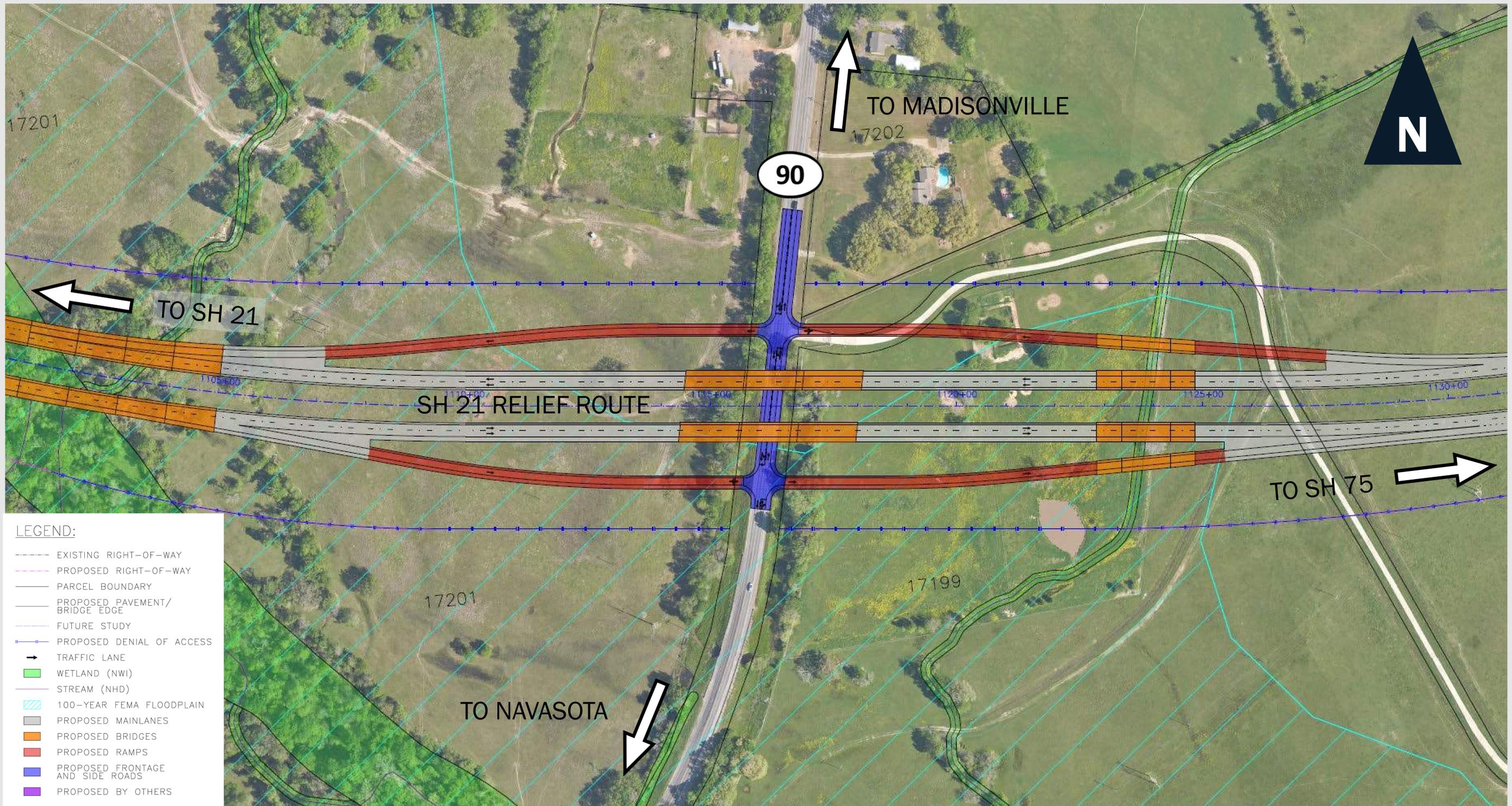


TEXAS DEPARTMENT OF TRANSPORTATION

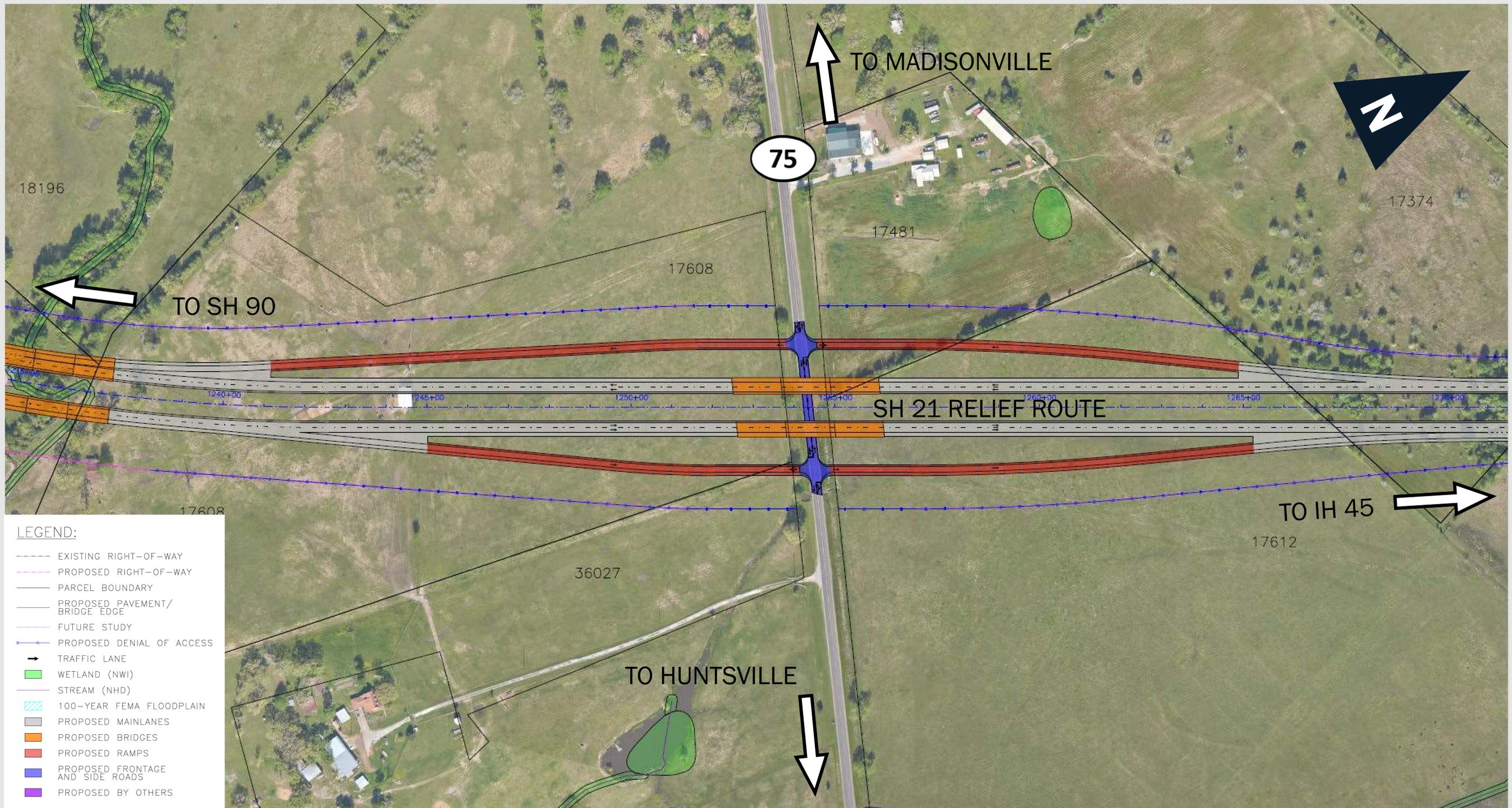
Proposed Route Access – SH 21 West End



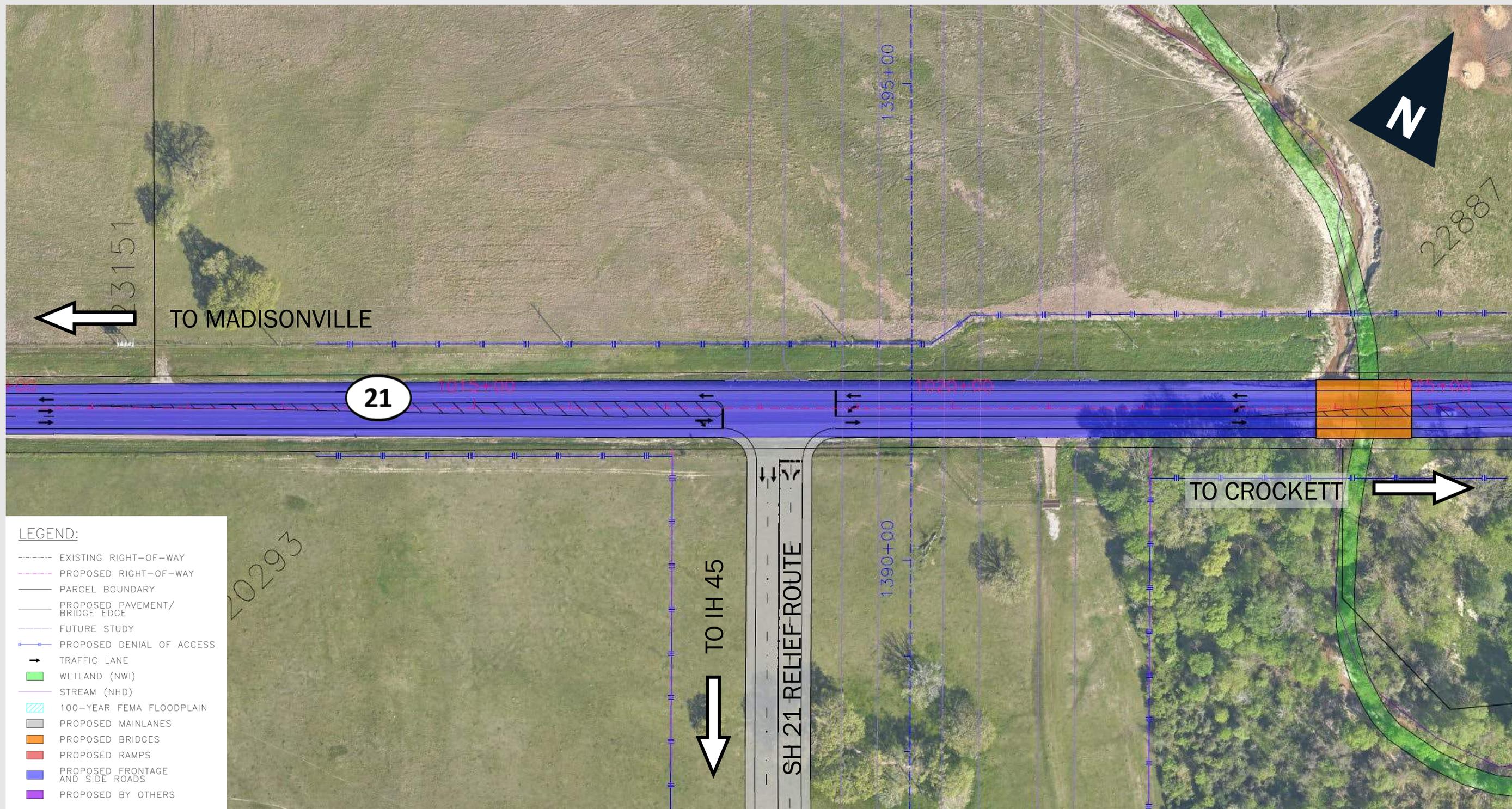
Proposed Route Access – SH 90



Proposed Route Access – SH 75



Proposed Route Access – SH 21 East End



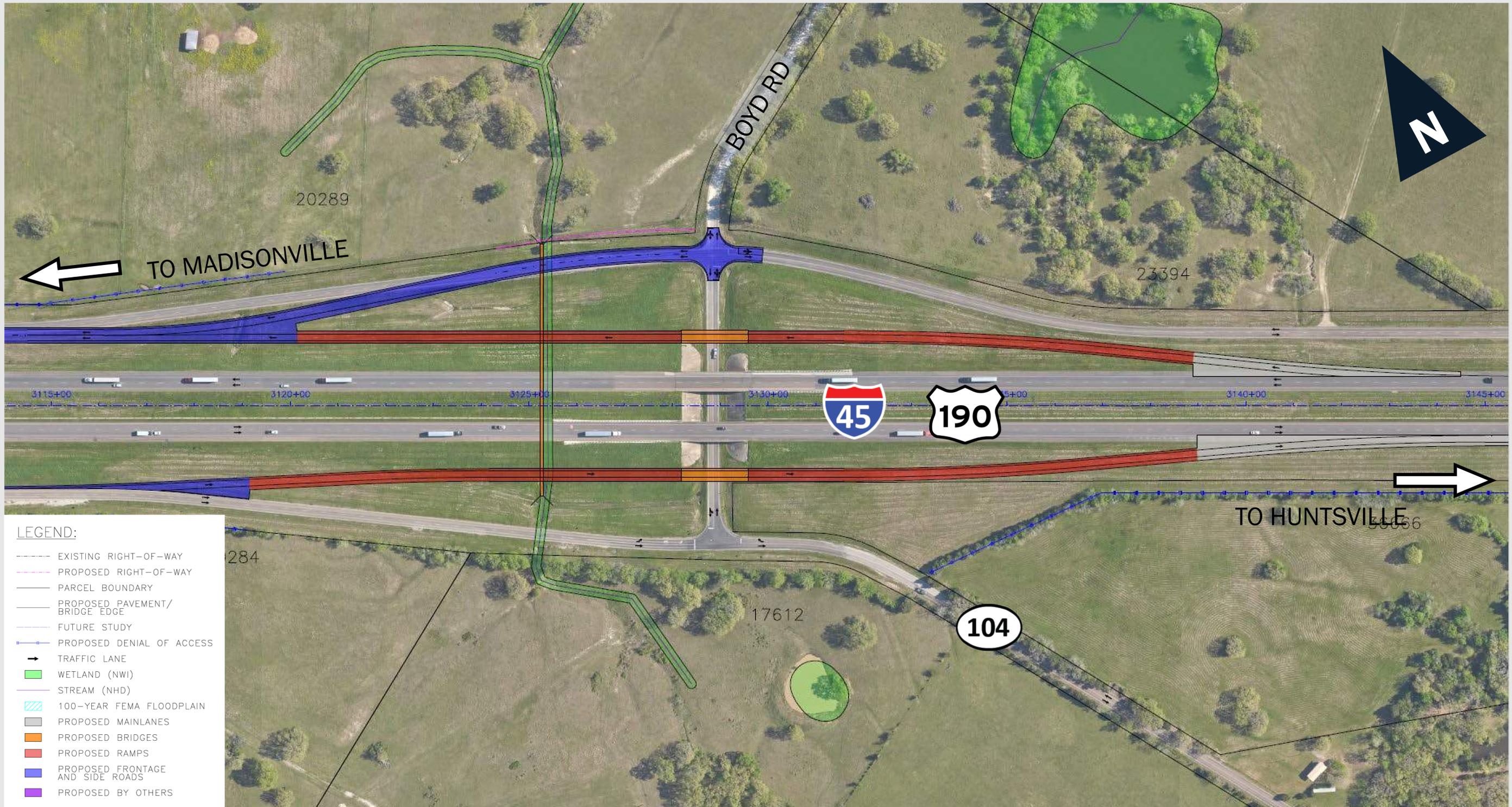
Proposed Route Access – IH 45



Proposed Route Access – IH 45



Proposed Route Access – IH 45



Innovative Intersection – Continuous Green T

DESCRIPTION

- SH 21 main lane through traffic at the top of the “T” passes through without conflicting with the cross street left turn
- Only used at intersections with three approaches

BENEFITS

- Improves safety and throughput capacity
- Reduces crashes by eliminating conflicting movement of left-turning traffic across SH 21 main lane through traffic
- Public acceptance is high
- Cost-effective design alternative to conventional T-intersection

POTENTIAL LOCATIONS

- SH 21/US 190 West and East Tie-ins



Innovative Intersection – Roundabout

DESCRIPTION

- Channelized approaches with yield control on each entry
- Counterclockwise circulation around central island
- Geometry encourages slow speeds through intersection

BENEFITS

- Improves safety by eliminating crossing conflicts, especially reducing injury crashes
- Improved operations with typically reduced vehicular delay
- Reduces vehicle speeds via geometry rather than solely with signage
- Provides transition between high-speed and low-speed environments
- Lower operating and maintenance costs

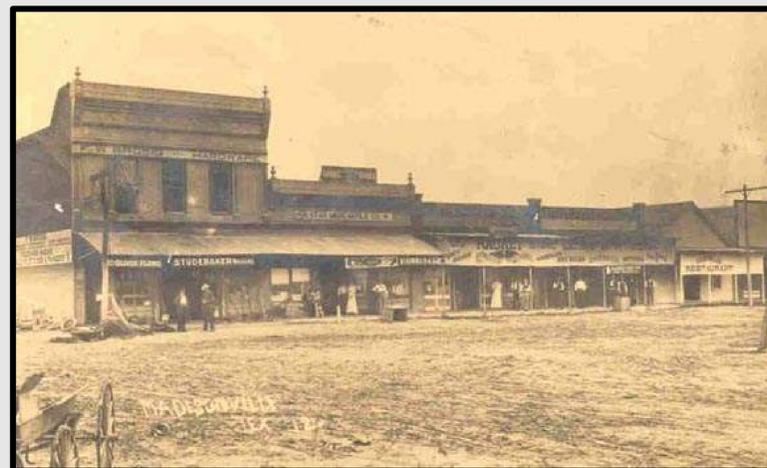
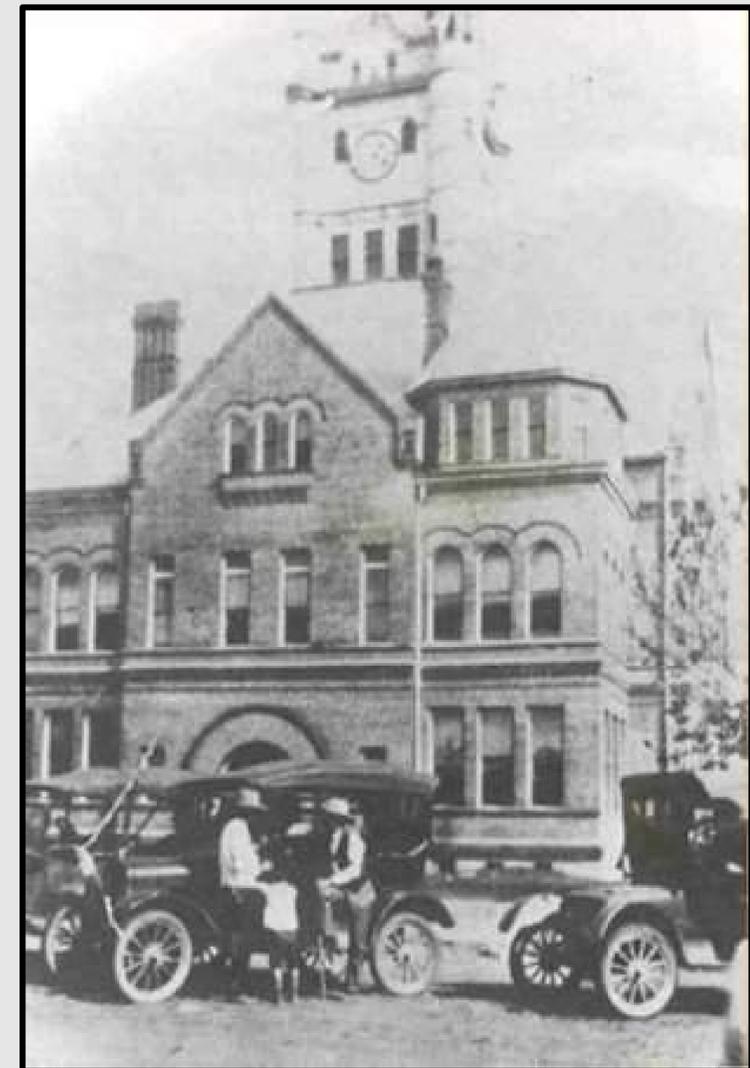
POTENTIAL LOCATIONS

- SH 21/US 190 West and East Tie-ins, SH 90, SH 75, IH 45 Frontage Roads



Madison County – Loop 1853

- Loop 1853 designation was suggested to commemorate the year of the official establishment of Madison County in 1853
- On January 27, 1853, Madison County was formed from portions of Leon, Walker and Grimes Counties
- Madison County was named in honor of President James Madison
- Madisonville is the County Seat due to its centralized location



Changes Since Last Public Meeting

- Funding for 4-Lane Divided Roadway
- More detail on layouts, such as lanes
- Connections at SH 21
- Details for grade separated crossings at SH 90, SH 75, IH 45 and Pee Dee Lane
- IH 45 crossing shifted
- Ramp changes on IH 45

