TEXAS REGISTERED ENGINEERING FIRM F-1741
13809 RESEARCH BLVD
SUITE 300
AUSTIN, TX 78750

ROLL 7 OF 12

CONCEPTUAL DESIGN SCHEMATIC
GREEN ALTERNATIVE

PLAN & PROFILE

SCALE 1" = 100' HORZ, 1" = 10' VERT

US 281, LAMPASAS TO EVANT
US 183 TO HAMILTON COUNTY LINE

TEXAS DEPARTMENT OF TRANSPORTATION
CONCEPTUAL DESIGN SCHEMATIC
LAMPASAS AND CORYELL COUNTIES

GREGORY W. CEDILLO, P.E. - DISTRICT ENGINEER
BROWNWOOD DISTRICT

C-S-J: 0251-05-054, 0251-04-023, 0251-03-022

	OPENING AADT	FUTURE AADT
US 281 (0251-05-054)	5,766 (2021)	8,072 (2041)
US 281 (0251-04-023)	3,540 (2021)	4,956 (2041)
US 281 (0251-03-022)	3,294 (2021)	4,612 (2041)

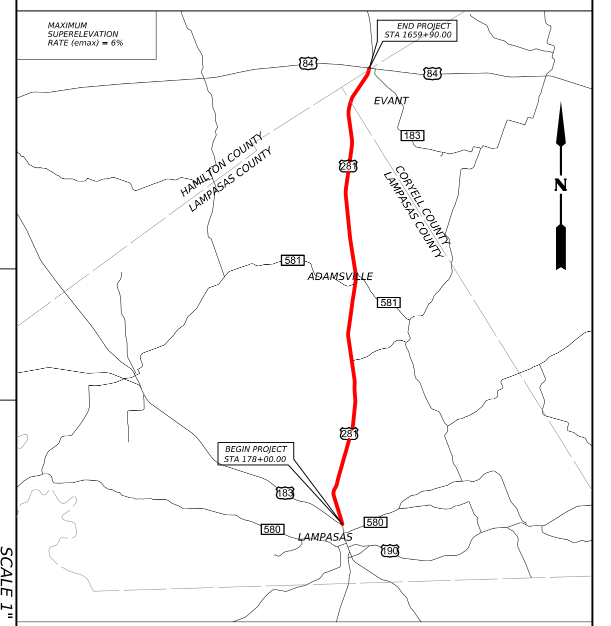
US 281
LAMPASAS TO EVANT

CONCEPTUAL DESIGN SCHEMATIC
FROM US 183 (LAMPASAS) TO HAMILTON COUNTY LINE (EVANT)

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
US 281	PRINCIPAL ARTERIAL	75 MPH
CROSS STREETS	COLLECTOR	30 MPH

PRELIMINARY
SUBJECT TO CHANGE

MAXIMUM SUPERELEVATION RATE (emax) = 6%



LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (SAN SABA COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.00012

PRELIMINARY
SUBMITTED FOR REVIEW
Engineer: PAUL A. SCHRADER
P.E. No.: 96501 Date: 1/29/2024
Signature:
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

DESIGN STANDARDS USED

TXDOT ROADWAY DESIGN MANUAL: 2022
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2016
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100' (0 50 100 200)
VERT SCALE: 1"=10' (10 5 0 10)

NOT A BIDDING DOCUMENT

DATE

PAUL A. SCHRADER, P.E.
P.E. #96501
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT

RECOMMENDED BY
ADVANCED PROJECT DEVELOPMENT DIRECTOR

RECOMMENDED BY
DISTRICT DESIGN ENGINEER

RECOMMENDED BY
AREA ENGINEER

APPROVED BY
DIRECTOR, TRANSPORTATION PLANNING & DEVELOPMENT

Texas Department of Transportation

PLAN VIEW LEGEND:

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- PAR — PARCEL BOUNDARY
- 12345 — PARCEL ID
- PROPOSED PAVEMENT/BRIDGE EDGE
- CONCRETE TRAFFIC BARRIER
- TRAFFIC LANE
- 100-YEAR FEMA FLOODPLAIN
- POTENTIAL WETLAND (NWI)
- POTENTIAL STREAM (NHD)
- PAVEMENT REMOVAL
- APPROXIMATE BRIDGE LIMITS
- YELLOW ALTERNATIVE
- PURPLE ALTERNATIVE
- GREEN ALTERNATIVE

ADAMSVILLE RELIEF ROUTE:

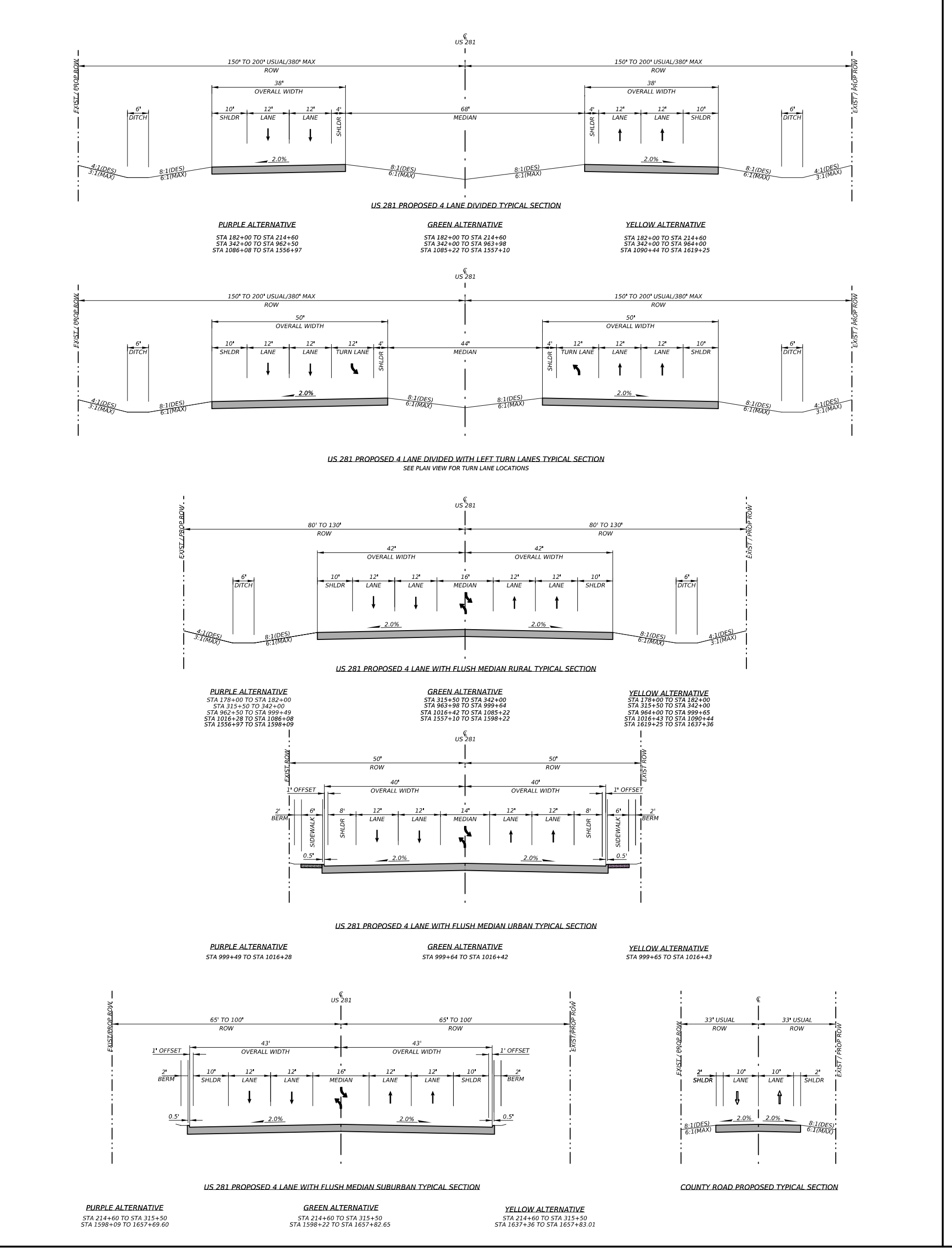
- BLUE ALTERNATIVE
- ORANGE ALTERNATIVE

US 183 INTERCHANGE EXHIBITS:

- US 281 MAINLANES
- US 183 FRONTAGE ROAD

IMPACTS:

- COMMERCIAL DISPLACEMENT
- RESIDENTIAL DISPLACEMENT
- MAJOR UTILITY IMPACT
- OTHER STRUCTURE IMPACT



PRELIMINARY
SUBJECT TO CHANGE