Texas Department of Transportation

PARIS DISTRICT

NOEL PARAMANANTHAM, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
WIDENING US 82
FANNIN AND LAMAR COUNTIES

FROM FANNIN/LAMAR COUNTY LINE TO LOOP 286
PROJECT LENGTH = 16.01 MILES
CSJ # 0045-08-039 & 0045-09-103

DESIGN SPEEDS

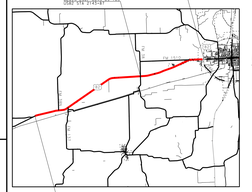
DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

TERRAIN: ROLLING

DIVIDED MULTILANE (RURAL ARTERIAL): BEGIN PROJECT-TO STA 2275+61 - 70 MPH
UNDIVIDED MULTILANE (SUBURBAN ARTERIAL): STA 2275+61 TO STA 2405+54 - 55 MPH
UNDIVIDED MULTILANE (URBAN ARTERIAL) STA 2405+54 TO END PROJECT - 55 MPH

CONNECTING ROADWAYS:
FM 38 (RURAL MAJOR COLLECTOR): - 50 MPH
FM137 (RURAL MAJOR COLLECTOR): - 50 MPH
FM98 (RURAL MAJOR COLLECTOR): - 60 MPH
FM1505 (RURAL MAJOR COLLECTOR): - 50 MPH
CROSS STREET(ALL OTHER ON LOCAL ROAD): - MEETS OR EXCEEDS

ADT (2020) = 17,200
ADT (2040) = 15,600
ADT (2050) = 17,800



100% DESIGN SCHEMATIC SUBMITTAL

PRELIMINARY
SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

SCHEMATIC PREPARED BY:
TEXAS DEPARTMENT OF TRANSPORTATION
FOR INTERIM REVIEW ONLY; NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of the undersigned.

BRIAN BLANKENSHIP	24773
NAME	P.E. NUMBER
DAMMON BLUM	TEXAS
PROJECT MANAGER	P.E. NUMBER
10/4/2024	
DATE	

HORIZONTAL SCALE: 0 250 500
VERTICAL SCALE: 0 25 50

BGE, Inc.
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Tel: 972-464-4800 www.bgeinc.com
TBPE Registration No. F-1046
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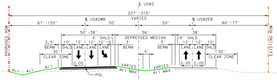
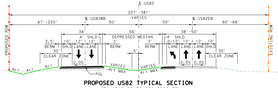
COUNTY: LAMAR
DATE: OCTOBER 2024
US82 RECONSTRUCTION
ROLL 6 OF 15

EXISTING US82 TYPICAL SECTION
STA 1981+00 TO STA 1994+00

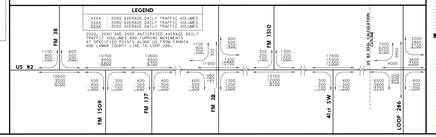


PROPOSED US82 TYPICAL SECTION
STA 1994+00 TO STA 1994+15
STA 1994+15 TO STA 1994+75
STA 1997+62 TO STA 1997+83

PROPOSED US82 TYPICAL SECTION
STA 1994+75 TO STA 1996+33
STA 1997+83 TO STA 1999+29



PROPOSED US82 TYPICAL SECTION
STA 1996+33 TO STA 1996+93
STA 1999+29 TO STA 1999+89



PLAN LEGEND

- PROPOSED ℄
- PROPOSED ROW
- EXISTING ROW
- TEMPORARY CONSTRUCTION LIMITS
- PARCEL BOUNDARY
- EXISTING DRAINAGE EASEMENT
- PROPOSED DRAINAGE EASEMENT
- EXISTING UTILITY EASEMENT
- EXISTING ROW EASEMENT
- SAWCUT
- EXISTING DRAINAGE CULVERT
- PROPOSED DRAINAGE CULVERT/EXTENSION
- PROPOSED WALL STRUCTURE
- PROPOSED BRIDGE STRUCTURE
- PROPOSED MAINLANE PAVEMENT
- PROPOSED CROSS STREET PAVEMENT
- PROPOSED SHARED USE PATH
- 100-YEAR FLOODPLAIN
- JURISDICTIONAL STREAM (FIELD)
- JURISDICTIONAL STREAM (AERIAL)
- JURISDICTIONAL POND (FIELD)
- JURISDICTIONAL POND (AERIAL)
- JURISDICTIONAL WETLAND (FIELD)
- JURISDICTIONAL WETLAND (AERIAL)
- IMPACT STRUCTURE
- ROADWAY REMOVAL
- RIPRAP
- EXISTING FLASHING BEACON
- PROPOSED FLASHING BEACON
- PROPOSED DIRECTION OF TRAVEL
- PARCEL NUMBER
- HORIZONTAL CURVE ID

GENERAL NOTES:

1. SURVEY BASED ON AERIAL FLIGHT DATED 11/19/2019
2. HORIZONTAL DATUM IS NAD83 TEXAS
3. SUPERELEVATION RATE OF ROTATION IS ABOUT THE POLL (SIMBA) = 65
4. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM SURVEY AND LAMAR COUNTY APPRAISAL DISTRICT WEBSITE DATA
5. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE
6. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS.
7. SHARED USE PATHS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING PS&E.
8. EXISTING DRIVEWAYS/ROADS NOT SHOWN AND WILL BE DEVELOPED DURING PS&E.
9. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED CONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
10. ENVIRONMENTAL FEATURES DELINEATED IN THE FIELD ARE BASED ON A 100' WIDE CORRIDOR. ACCESS WAS NOT GRANTED AT TIME OF SURVEY. FEATURES WERE AERIAL SURVEYED AND DENOTED WITH (AERIAL).
10. FOR JURISDICTIONAL DETAILED CLASSIFICATIONS, SEE ENVIRONMENTAL DOCUMENTS.
11. FOR JURISDICTIONAL FEATURES, SEE ENVIRONMENTAL DOCUMENT.
12. ALL DRIVEWAY CORNER RADII ARE 15 FT MINIMUM UNLESS NOTED OTHERWISE.
13. REFER TO ROLL 15 FOR CROSS STREET PROFILES.
14. TYPICAL SECTIONS ARE BASED ON THE USE OF CL ALIGNMENT.
15. PORTIONS OF PROJECT LIMITS FALL WITHIN THE TXDOT BICYCLE TOURISM TRAILS EXAMPLE NETWORK

ROLL INDEX

ROLL 1: US82 MAINLANES
BEGIN PROJECT TO 1663+00
ROLL 2: US82 MAINLANES
1663+00 TO 1723+00
ROLL 3: US82 MAINLANES
1723+00 TO 1787+00
ROLL 4: US82 MAINLANES
1787+00 TO 1847+00
ROLL 5: US82 MAINLANES
1847+00 TO 1907+00
ROLL 6: US82 MAINLANES
1907+00 TO 1967+00
ROLL 7: US82 MAINLANES
1967+00 TO 2029+00
ROLL 8: US82 MAINLANES
2029+00 TO 2089+00
ROLL 9: US82 MAINLANES
2089+00 TO 2149+00
ROLL 10: US82 MAINLANES
2149+00 TO 2209+00
ROLL 11: US82 MAINLANES
2209+00 TO 2269+00
ROLL 12: US82 MAINLANES
2269+00 TO 2329+00
ROLL 13: US82 MAINLANES
2329+00 TO 2389+00
ROLL 14: US82 MAINLANES
2389+00 TO PROJECT END
ROLL 15: CROSS STREET PROFILES

UTILITY LEGEND

ELECTRIC
- ONCOR
- ONCOR (BEC)
- LAMAR ELECTRIC
- LAMAR ELECTRIC
- ONCOR (BEC)
- LAMAR ELECTRIC
- LAMAR ELECTRIC
- ONCOR (BEC)
- ONCOR (BEC)
- ONCOR
- ONCOR
- ONCOR
- ONCOR
- ONCOR
- LAMAR ELECTRIC
- LAMAR ELECTRIC
- Unknown/Inactive Owner
- Unknown/Inactive Owner

COMMUNICATIONS
- AT&T
- AT&T
- AT&T
- AT&T
- CENTURYLINK
- CENTURYLINK
- AT&T
- AT&T

WATER
- BELLS SU
- BELLS SU (BEC)
- BELLS SU (BEC)
- BELLS SU (BEC)
- BELLS SU (BEC)
- LAMAR COUNTY WATER SUPPLY DISTRICT
- LAMAR COUNTY WATER SUPPLY DISTRICT
- BELLS SU (BEC)
- LAMAR COUNTY WATER SUPPLY DISTRICT (BEC)

WASTEWATER
- CITY OF PARIS
- CITY OF PARIS
- CITY OF PARIS
- CITY OF PARIS
- CITY OF PARIS
- CITY OF PARIS
- CITY OF PARIS (BEC)

GAS
- ATMOS
- ATMOS (BEC)
- ATMOS (BEC)
- ATMOS (BEC)
- TEXAS GAS SERVICE (Blackstone)
- TEXAS GAS SERVICE (Blackstone)
- TEXAS GAS SERVICE
- TEXAS GAS SERVICE
- TEXAS GAS SERVICE