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 = 16.03 MILES
CSJ # 0045-08-039 & 0045-09-103

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

TERRAIN: ROLLING

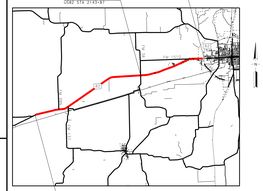
DIVIDED MULTILANE (RURAL ARTERIAL): BEGIN PROJECT-TO STA 2275+40 - 70 MPH
UNDIVIDED MULTILANE (SUBURBAN ARTERIAL): STA 2275+40 TO STA 2405+34 - 55 MPH
UNDIVIDED MULTILANE (URBAN ARTERIAL): STA 2405+34 TO END PROJECT - 55 MPH

CONNECTING ROADWAYS:
FM 137 (RURAL MAJOR COLLECTOR) - 50 MPH
FM131 (RURAL MAJOR COLLECTOR) - 50 MPH
FM38 (RURAL MAJOR COLLECTOR) - 60 MPH
FM 1505 (RURAL MAJOR COLLECTOR) - 50 MPH
CROSS STREETS(ALL OTHER ON-LOCAL ROAD) - MEETS OR EXCEEDS

ADT (2020) = 11,200
ADT (2040) = 15,600
ADT (2050) = 17,800

END PROJECT
CSJ 0045-09-103
STA 2405+34

END CSJ: 0045-08-039
STA 2275+40 = BEGIN CSJ: 0045-09-103



100% DESIGN SCHEMATIC SUBMITTAL

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

SCHEMATIC PREPARED BY:
BGE, INC.
FOR TEXDOT PROJECT ON FILE
FOR TEXDOT PROJECT ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of the undersigned.

BRIAN BLANKENSHIP	DATE
NAME	P.E. NUMBER
JONATHAN MARTIN	DATE
NAME	P.E. NUMBER
10/14/2024	
DATE	

HORIZONTAL SCALE: 1" = 500'
VERTICAL SCALE: 1" = 50'

BGE, Inc.
2506 Dallas Parkway, Suite 101, Frisco, TX 75034
Tel: 972-464-4800 www.bgeinc.com
TBPE Registration No. F-1046

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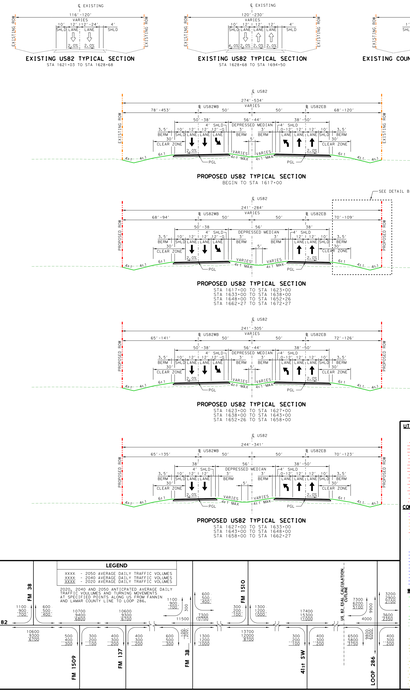
COUNTY: LAMAR
DATE: OCTOBER 2024

US82 RECONSTRUCTION

ROLL 1 OF 15



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 MAINLINE 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 AND SUPPLEMENTED BY RECORD PLANS.
2. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PROPOSED PGL.
3. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM SURVEY AND LAMAR COUNTY APPRAISAL DISTRICT RECORDS.
4. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE.
5. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS.
6. SHARED USE PATHS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING PS&E.
7. ADDITIONAL DRAINAGE ASSESSMENT NOT SHOWN AND WILL BE DEVELOPED DURING PS&E.
8. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF CONSTRUCTION/RECONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
9. ENVIRONMENTAL FEATURES DELINEATED IN THE FIELD ARE BASED ON AERIAL PHOTOS. ENVIRONMENTAL ENTRY 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 GRID CL ALIGNMENT.
15. PORTIONS OF PROJECT LIMITS FALL WITHIN THE TXDOT BICYCLE TOURISM TRAILS EMAPLE NETWORK

ROLL INDEX

ROLL 1: USE MAINLINES
1617+00 TO PROJECT TO 1643+00

ROLL 2: USE MAINLINES
1643+00 TO 1733+00

ROLL 3: USE MAINLINES
1733+00 TO 1787+00

ROLL 4: USE MAINLINES
1787+00 TO 1847+00

ROLL 5: USE MAINLINES
1847+00 TO 1907+00

ROLL 6: USE MAINLINES
1907+00 TO 1967+00

ROLL 7: USE MAINLINES
1967+00 TO 2029+00

ROLL 8: USE MAINLINES
2029+00 TO 2089+00

ROLL 9: USE MAINLINES
2089+00 TO 2149+00

ROLL 10: USE MAINLINES
2149+00 TO 2209+00

ROLL 11: USE MAINLINES
2209+00 TO 2269+00

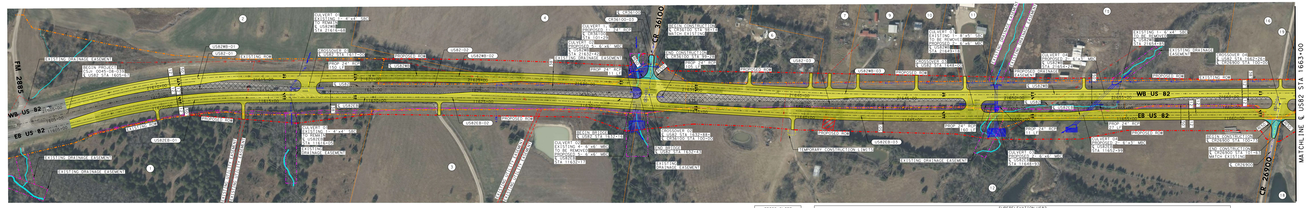
ROLL 12: USE MAINLINES
2269+00 TO 2329+00

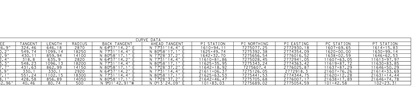
ROLL 13: USE MAINLINES
2329+00 TO 2389+00

ROLL 14: USE MAINLINES
2389+00 TO PROJECT END

ROLL 15: CROSS STREET PROFILES

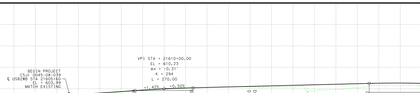
PARCEL	OWNER	OWNER ADDRESS
20101	BRIAN S HOBSTRAW AND LEANNE HOBSTRAW	704 ARROW WOOD DRIVE, BOONE, TX 76024
20102	CLAY CHESNUTWOOD	4101 BUCKSKIN DR, PARIS, TX 75460
20103	MICHAEL WAYNE ALLEN & ANN M. ALLEN	4101 BUCKSKIN DR, PARIS, TX 75460
20104	[illegible]	4101 BUCKSKIN DR, PARIS, TX 75460
20105	VAN MOORE PARTNER LANE	3888 US HIGHWAY 82 W, PARIS, TX 75460
20106	[illegible]	[illegible]
20107	[illegible]	[illegible]
20108	[illegible]	[illegible]
20109	[illegible]	[illegible]
20110	PARK AVENUE PARTNERS, LLC	1800 NW 169 PLACE, SUITE C-2000, BEAVERTON, OR 97006
20111	[illegible]	[illegible]
20112	[illegible]	[illegible]
20113	[illegible]	[illegible]
20114	[illegible]	[illegible]
20115	[illegible]	[illegible]
20116	LYNN BRY FAMILY PARTNERSHIP	2905 N HONEYSUCK RIX CALLES TX 75206



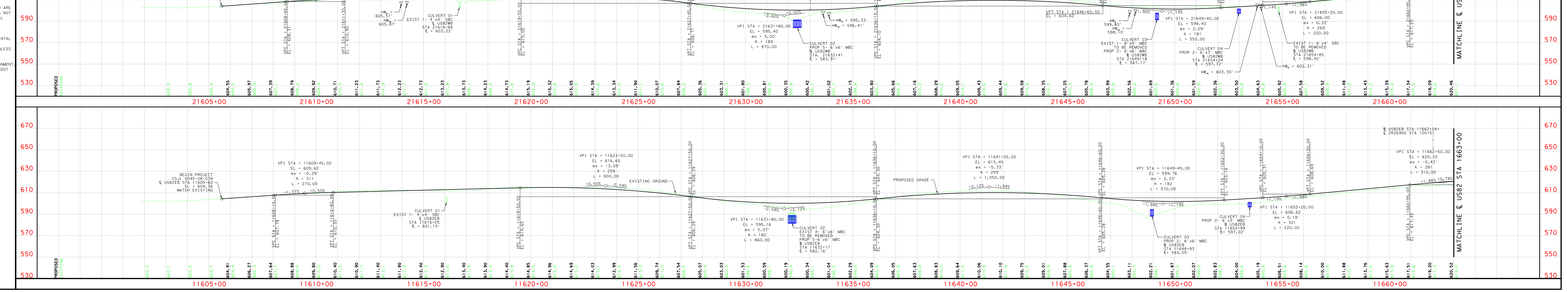


ALIGNMENT	CURVE NO.	BEGIN CROSS SLOPE	BEGIN TRANSITION	BEGIN FULL SUPER	SUPER RATE	END FULL SUPER	END TRANSITION	END CROSS SLOPE
US82MB	US82MB-01	-2.0%	1700+00	1700+00	5.4%	2167+00	2216+00	-2.0%
US82MB	US82MB-02	-2.0%	2216+00	2216+00	5.4%	2317+00	2367+00	-2.0%

FOR BASELINES THE INSIDE EDGE OF TRAVEL IS USED FOR THE SLOPE CONVENTION



ALIGNMENT	CURVE NO.	DELTA	DIRECTION	LENGTH	RADIUS	BEGIN STATION	END STATION	PI STATION	PI NORTHING	PI EASTING	PC STATION	PT STATION
US82MB	US82MB-01	0°04'00.0"	RT	1000.00	14000.00	1700+00	1710+00	1705+00	7144208.71	2144000.00	1704+50	1709+50
US82MB	US82MB-02	0°04'00.0"	RT	1000.00	14000.00	2316+00	2326+00	2321+00	7144208.71	2144000.00	2320+50	2325+50
US82MB	US82MB-03	0°04'00.0"	RT	1000.00	14000.00	2367+00	2377+00	2372+00	7144208.71	2144000.00	2371+50	2376+50
US82MB	US82MB-04	0°04'00.0"	RT	1000.00	14000.00	2417+00	2427+00	2422+00	7144208.71	2144000.00	2421+50	2426+50
US82MB	US82MB-05	0°04'00.0"	RT	1000.00	14000.00	2467+00	2477+00	2472+00	7144208.71	2144000.00	2471+50	2476+50
US82MB	US82MB-06	0°04'00.0"	RT	1000.00	14000.00	2517+00	2527+00	2522+00	7144208.71	2144000.00	2521+50	2526+50
US82MB	US82MB-07	0°04'00.0"	RT	1000.00	14000.00	2567+00	2577+00	2572+00	7144208.71	2144000.00	2571+50	2576+50



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