Texas Department of Transportation

DALLAS DISTRICT

CEASON CLEMENS, PE, DISTRICT ENGINEER

US 287 DESIGN SCHEMATIC

ELLIS COUNTY

CSJ: 0172-07-103 — CSJ LIMITS: FROM BOYCE RD TO COOKE RD

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL (OTHER)

ROADWAY TYPE	DESIGN SPEED
MAINLANES	65 MPH
RAMPS	50 MPH
FRONTAGE ROADS	30 MPH
CROSS STREETS (MAINLANE)	50 MPH

PROJECT LENGTH = 5.9 MILES

NOTE:

1. THESE PLANS ARE IN DESIGN CONTROL OF TEXAS CODE, TITLE 43, CHAPTER 21, SUBCHAPTER C, RULE 21.50 (DESIGN CONTROL). THE DESIGN CONTROL IS THE ENGLISH SYSTEM OF MEASUREMENT. THE DESIGN CONTROL DOES NOT INCLUDE ENVIRONMENTAL, SAFETY, OR HEALTH ISSUES.
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PROJECT LOCATION
STATE OF TEXAS
DALLAS DISTRICT
ELLIS COUNTY
DALLAS
ELLIS
HOUSTON
TRAVIS
BEXAR
PROJECT LOCATION
ELLIS COUNTY
MIDLOTHIAN
OVERLAND PARK
ENNIS
ROCKETT
ROCKETT
ROCKETT

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RAMPS	35 MPH
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CROSS STREETS (MINIMUM)	30 MPH

PROJECT LENGTH = 3.9 MILES

NOTES:

1. ALL DIMENSIONS ARE IN DECIMAL FORMATS AS THEY ARE ENTERED IN THE MICROSTATION DESIGN FILE. ALL DIMENSIONS ARE ROUNDED TO THE NEAREST 1/8 INCH.
2. THE ELEVATIONS SHOWN ARE BASED ON THE NAVD 88 DATUM.
3. THE PROJECT COORDINATES ARE BASED ON THE NAD 83 TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE.
4. THE PROJECT COORDINATES ARE ADJUSTED TO SURFACE COORDINATES USING A COMBINED ADJUSTMENT FACTOR OF 0.9998770.

LOCATION MAP

BRIDGEFARMER & ASSOCIATES, INC.
TBPE REGISTRATION F-00184

PRELIMINARY FOR INTERIM REVIEW ONLY
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF JOHN BRIDGEFARMER, P.E. ON DECEMBER 23, 2022

JOHN BRIDGEFARMER	DECEMBER 23, 2022
SIGNATURE, PE	DATE

DECEMBER 23, 2022
ROLL 8 OF 9

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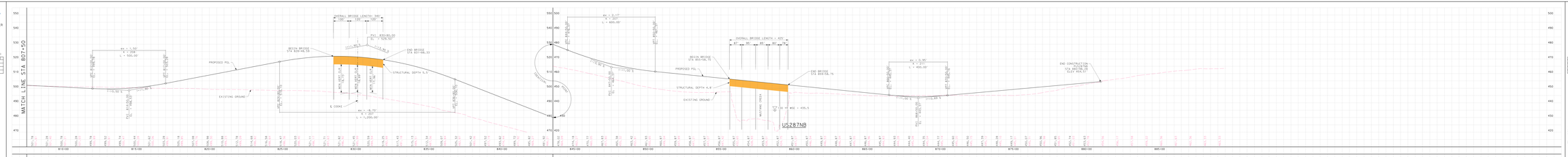

Texas Department of Transportation

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Texas Department of Transportation

DALLAS DISTRICT

CEASON CLEMENS, PEL DISTRICT ENGINEER

US 287 DESIGN SCHEMATIC
ELLIS COUNTY

CSJ: 0172-01-103 — CSJ LIMITS: FROM BOYCE RD TO COOKE RD

FUNCTIONAL CLASS: PRINCIPAL ARTERIAL (OTHER)

ROADWAY TYPE	DESIGN SPEED
MAINLANES	65 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS (MAINLANE)	50 MPH

PROJECT LENGTH = 5.9 MILES

NOTES:

1. THIS PLAN SHEET IS DESIGNED TO BE PLOTTED ON 22" X 34" PAPER. IF YOU HAVE RECEIVED THIS PLAN SHEET IN A SMALLER SIZE, THE SCALE IS 2/3 OF THE SCALE SHOWN.
2. THE PROJECT COORDINATES ARE BASED ON TEXAS STATE PLANE COORDINATES, NAD 83, TEXAS CENTRAL ZONE. THE COORDINATES SHOWN ON THE PLAN SHEET ARE ADJUSTED TO SURFACE COORDINATES USING A COMBINED SCALE FACTOR OF 0.9998.
3. THE PROJECT ELEVATIONS ARE BASED ON NAVD 88.
4. THE PROJECT STATIONING IS BASED ON THE CENTERLINE OF MAINLANES UNLESS OTHERWISE NOTED.

LOCATION MAP

BRIDGEFARMER & ASSOCIATES, INC.
T B P E F - F I R M # 1 0 1 9 4 6 0 0
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UNDER THE AUTHORITY OF MARK A. BRIDGEFARMER, P.E.
TEXAS NO. 102946 ON DATE 12/20/2022

JOB NOUN	NAME	DESIGN FIRM
SURVEYOR	NONE	NONE
ENGINEER	MARK BRIDGEFARMER	BRIDGEFARMER & ASSOCIATES, INC.

DECEMBER 23, 2022

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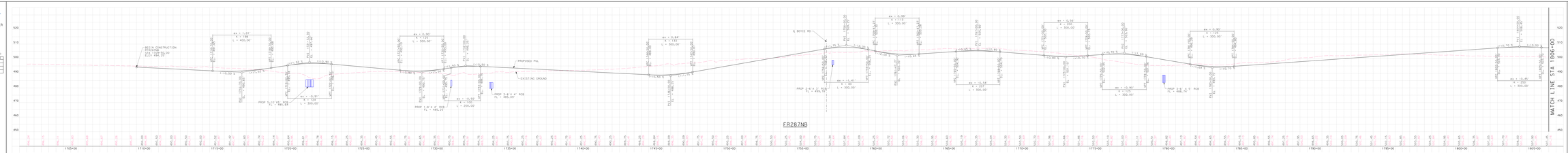

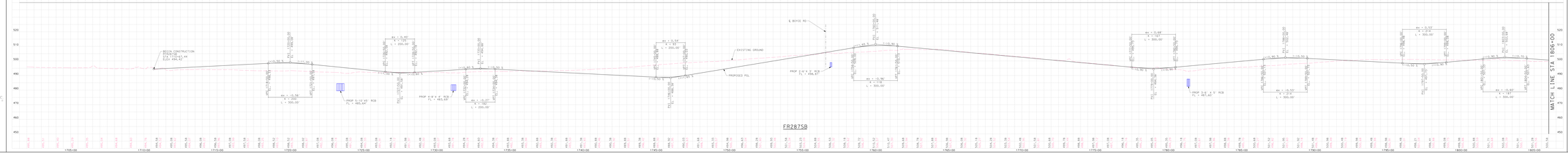

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Texas Department of Transportation

DALLAS DISTRICT

CEASON CLEMENS, PE, DISTRICT ENGINEER

US 287 DESIGN SCHEMATIC

ELLIS COUNTY

CSJs: 0172-08-103 — CSJ LIMITS: FROM BOYCE RD TO COOKE RD

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PROJECT LENGTH = 3.9 MILES

NOTES:

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2. ALL WORK SHALL BE PERFORMED WITHIN THE TXDOT RIGHT-OF-WAY UNLESS OTHERWISE AUTHORIZED BY TXDOT.
3. ALL DIMENSIONS ARE HORIZONTAL UNLESS OTHERWISE SPECIFIED.
4. ALL ELEVATIONS ARE VERTICAL UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS, ELEVATIONS, AND DATA SHOWN ON THESE PLANS ARE PRELIMINARY UNTIL THE PROJECT IS CONSTRUCTED.

LOCATION MAP

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DATE:		FILE:

DECEMBER 23, 2022

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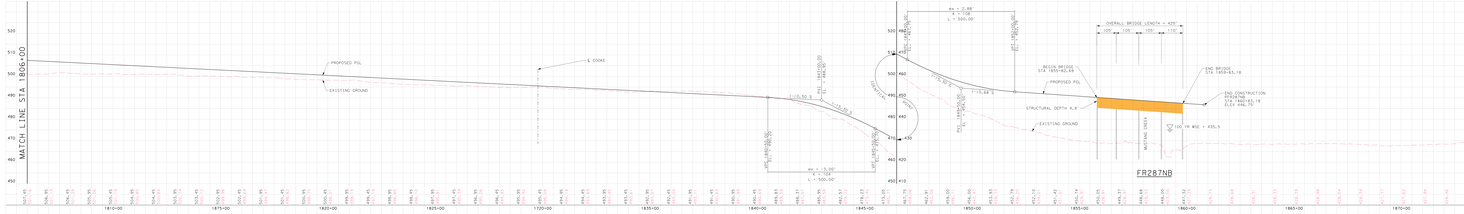

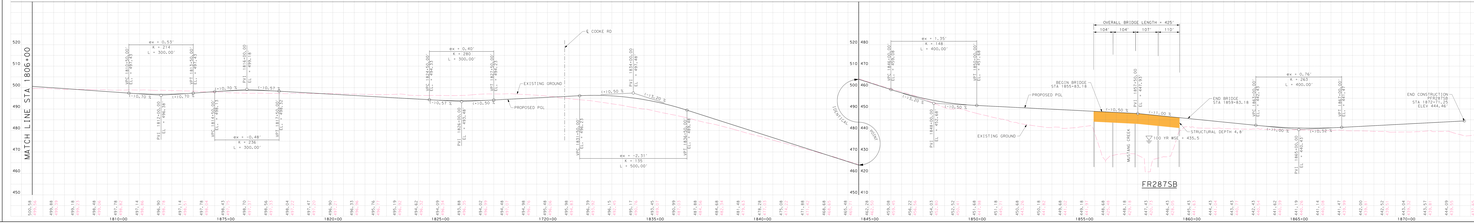

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5. CONTOURS ARE ESTIMATED AT SEVERAL FEET OF RANGE.

LOCATION MAP

BRIDGEFARMER & ASSOCIATES, INC.
TBPE FIRM REGISTRATION NO. 3624

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JOB NUMBER	DRAWN	DESIGNED
0172-07-103	T.G.	T.G.

SIGNATURE AND SEAL — DECEMBER 23, 2022

PE SIGNATURE — ROLL 9 OF 9

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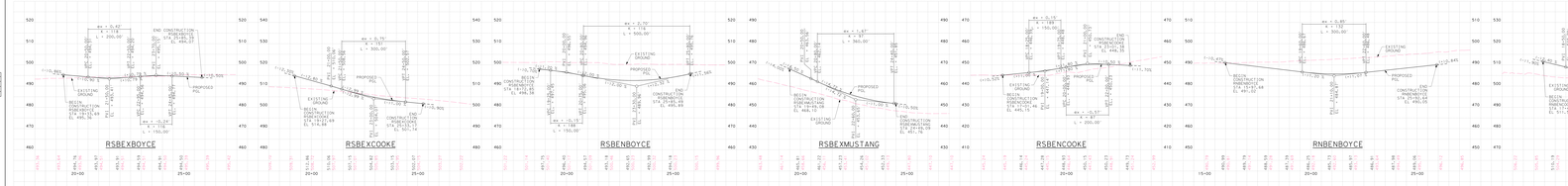

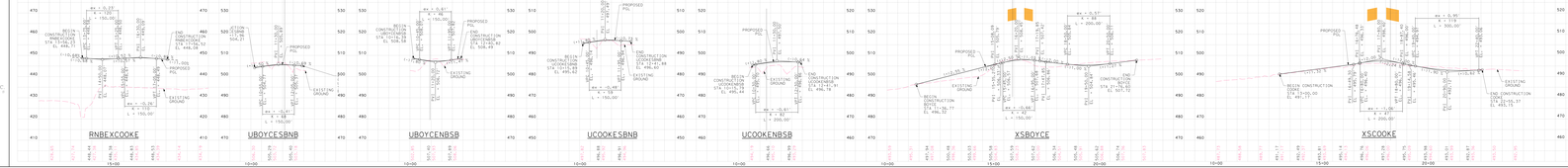

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