Texas Department of Transportation

LUBBOCK DISTRICT

DESIGN SCHEMATIC

STEVEN P. WARREN, PE, DISTRICT ENGINEER

LUBBOCK COUNTY

LUBBOCK OUTER ROUTE / SL 88

PROJECT LIMITS FROM US 62 / US 82 TO US 87

BEGIN PROJECT: 0.5 MILES NORTH OF US 62 / US 82

AT STA. 3019+00.00,

END PROJECT: 0.5 MILES EAST OF US 87

AT STA. 3680+00.00

CSJ#: 1502-01-028

FUNCTIONAL CLASS: URBAN FREEWAY

DESIGN SPEED: MAINLANES: 70 MPH

FRONTAGE ROADS: 50 MPH

DIRECT CONNECTORS: 50 MPH

RAMPS: 50 MPH

CROSS STREETS: 30-50 MPH

PROJECT LENGTH = 12.405 MILES

ADT

2020: 8,050 — 2040: 11,000

BEGIN PROJECT CSJ: 1502-01-028 — END PROJECT CSJ: 1502-01-028

LOCATION MAP

BRIDGEFARMER & ASSOCIATES, INC.

CIVIL ENGINEERING CONSULTANTS

TBPE REGISTRATION NO. 2900

PRELIMINARY FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND MAY NOT BE SUITABLE FOR CONSTRUCTION PURPOSES. THEY WERE PREPARED FOR AGENCY AND/OR CONSULTANT REVIEW PRIOR TO ISSUANCE OF A CONTRACT PROPOSAL.

CHARGE AN ESTIMATE: DAMMON — 1-01-2009

NAME: P.G. MAY — DATE: 10/01

TEXAS FORMS: MPW

PW-FORTRANA-LUBBOCK W MOTION

JANUARY 2018

ROLL 11 OF 19

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LEGEND

CURVE NUMBER	
	DIRECTION OF TRAFFIC
	PROPOSED BASELINE/CENTERLINE
	EXISTING CURB
	EXISTING ROW
	EXISTING PROPERTY LINE (APPROX.)
	EXISTING EASEMENT
	EXISTING CONTOURS
	EXISTING CONTOURS
	EXISTING FIELDLINE (APPROX.)
	EXISTING FENCE
	EXISTING WATER LINE
	EXISTING ELECTRIC LINE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING OVERHEAD TELEPHONE LINE
	EXISTING GAS LINE
	EXISTING FIBER OPTIC LINE
	EXISTING TRAFFIC SIGNAL CONDUIT
	PAVEMENT REMOVAL
	PROPOSED WATER LINE SHADE
	PROPOSED ELECTRIC LINE SHADE
	PROPOSED RAMP SHADE
	PROPOSED MAINLANE SHADE
	PROPOSED DIRECT CONNECTOR SHADE
	FUTURE MAINLANES SHADE
	FUTURE ROADWAY

NOTES:

1. EXISTING FEATURES WERE SURVEYED FIELD SURVEY ON SEVERAL SURVEYS, AERIAL SURVEYS AND BLUEW SURVEYS.

2. ALL COORDINATES ARE BASED ON TEXAS STATE COORDINATE SYSTEM, NORTH CENTRAL ZONE, NAD 83 (2011) ADJUSTED. SCALE FOR SURFACE COORDINATES TO GRID BY DIVIDING GRID DISTANCE BY SCALE FACTOR OF 0.9998 (SEE SURVEY FILE).

3. EXISTING ROW WITH SPECIFICATION ON ROW MAP.

4. ROW DIMENSIONS ARE TO PROPERTY OF FARMERS, LANE LINES, BACK OF CURB, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

5. APPROXIMATE 100 YEAR FLOOD PLAIN BASED ON FLOOD INSURANCE RATE MAPS (FIRM) FOR LUBBOCK COUNTY, TEXAS AND INCORPORATED AREAS.

6. GEOREFERENCE INFORMATION WAS APPROXIMATED AND NOT SURVEYED. FOR FINAL DESIGNERS SURVEY.

7. EXISTING CULVERT INFORMATION WAS ESTIMATED FROM ELEVATIONS OBTAINED FROM LUBBOCK CAD (GIS) FOR PLANNING PURPOSES ONLY.

8. CURBS ON FRONTAGE ROADS, RAMPS, CROSS STREETS AND TYPE 3 BARRICADES ARE DIAGONAL.

9. CONDITIONAL ROADWAY CLEARANCE (RAMPS, CROSS STREETS, ETC.) WILL BE MEET WITHIN 48 HOURS DURING THE PROJECT.

10. THE ACCESS MANAGEMENT PLAN IS BASED ON TXDOT ACCESS MANAGEMENT MANUAL TABLE 2-1.

US87-CENT

PROPOSED GRADE CURVE DESCRIPTION

Curve	Station	Elevation
Curve From PVT GRADE 1 to PVI GRADE 2	3680+00.00	3279.00
Curve From GRADE 1 to PVI GRADE 2 K 47 VC 1,200' E Elev 3,276.000		

Curve Data		
CURVE LENGTH = 1,200.00	3,575.00	3679.00,3279.00
CURVE DATA		
PVI STATION = 3,575.00		
PVI ELEVATION = 3,276.00		
CURVE LENGTH = 1,200.00		
K VALUE = 47		
DIST TO CURVE = 0.00	3,575.00	3679.00,3279.00