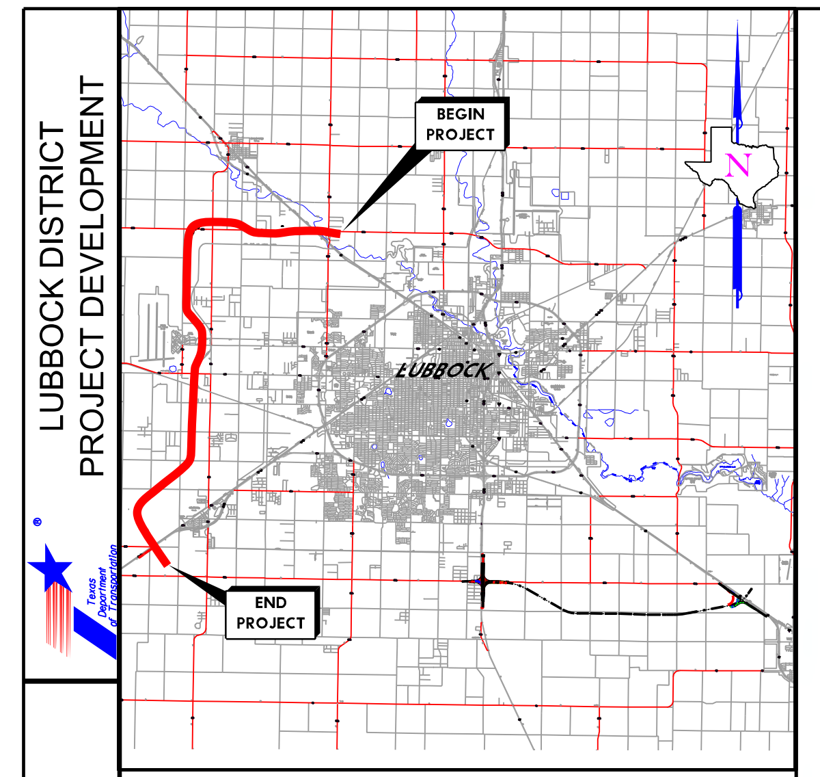
LUBBOCK DISTRICT
PROJECT DEVELOPMENT



VICINITY MAP
(N.T.S.)

SL 88 SCHEMATIC

LEGEND

🟦	PROPOSED MAINLANES
🟥	FRONTAGE ROADS
🟩	DIRECT CONNECTORS
🟩	RAMPS
▭	EXISTING STRUCTURES
🟦	FEMA ZONE A
🟨	PROPOSED BRIDGE STRUCTURES
🟥	FUTURE DRIVEWAYS
▭	SIDEWALKS
—	PROPOSED MAINLANES
—	PROPOSED FRONTAGE ROADS
—	PROPOSED RAMPS
—	PROPOSED CONNECTORS
⌃⌃⌃	PROPOSED EMBANKMENT
—	PROPOSED RETAINING WALL
▨	PROPOSED STRIPING
➡	PROPOSED LANE INDICATOR
-·-·-	PROPOSED RIGHT-OF-WAY
—‖—	PROPOSED CONTROL OF ACCESS (COA)
▨	PROPOSED DRAINAGE DETENTION
⊏⊐	EXISTING PLANIMETRIC
-·-·-	EXISTING RIGHT-OF-WAY
—	EXISTING PARCEL MAP
- - -	FUTURE ROADWAY (BY OTHERS)
—	FUTURE DRIVEWAYS
⊠	EXISTING ROADWAY TO BE REMOVED
⇨	EXISTING LANE INDICATOR

DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION: FREEWAY - URBAN
MAINLANE DESIGN SPEED: 75 MPH
FRONTAGE RD DESIGN SPEED: 50 MPH
RAMP DESIGN SPEED: 50 MPH
DIR. CONN. DESIGN SPEED: 50 MPH
CROSS STREET DESIGN SPEED: 35 MPH
ROUNDABOUT DESIGN SPEED: 35 MPH

0 50 100 200 (H)
0 5 10 20 (V)

PRELIMINARY
SUBJECT TO CHANGE

ENTECH
CIVIL ENGINEERS, INC

F-6932
15021 Katy Freeway,
Suite 500
Houston, Texas 77094
281-945-0069 PH
281-945-0081 FX

PRELIMINARY

Document Incomplete: not intended for permit, bidding or construction.
Engineer: MIGUEL PONCE III, P.E.
P.E. Serial No. 67936
Date: 5/5/2020

SCHEMATIC LAYOUT
LUBBOCK COUNTY
CSJ: 1502-02-002

STATE LOOP 88 SEGMENTS 1 AND 2
GEOMETRIC DESIGN

FROM: STA 2875+00
TO: STA 2955+00

Texas Department of Transportation
LUBBOCK DISTRICT

DATE:
APPROVED:
REVISED:
REVISION APPROVAL DATE:

ROADWAY: LUBBOCK LOOP 88 SEG 1&2; CSJ: 1502-02-002
COUNTY: LUBBOCK
LIMITS FROM: US 84
LIMITS TO: 0.5 MILES NORTH OF US 62

10 / 20

5/5/2020 9:42:43 AM cconde
N:\P5313-0005-16-1\CADD\DGN\X1_SCHEM\SL88_1_SCHEM_PP_S_00_10.dgn
...\TxDOT-COL-HALF_PDF.pltcfg

MATCH LINE STA 2875+00
MATCH LINE STA 2955+00
MATCH LINE F-F
MATCH LINE F-F
SECTION A-A
SECTION B-B
SECTION C-C
50th St
EXIT ↗ ONLY
50th St
EXIT ↓ ONLY
62 82
EXIT 1 MILE
62 82
EXIT ↓ ONLY
62 82
EXIT ↗ ONLY
PROPOSED FILL VOLUME= 34.1 AC-FT
CR 7100
CR 1200 (ZEELAND AVE)
POT 10+00.00
POT 27+59.94
NO ACCESS BY DESIGN 425'
℄ NB FRONTAGE RD
℄ SB FRONTAGE RD
℄ RAMP S125
℄ RAMP S126
℄ RAMP S127
℄ RAMP S128
℄ LUBBOCK LOOP 88
PROP ROW
BEGIN BRIDGE STA 2915+85.00
END BRIDGE STA 2921+25.00
STA 22908+70.00 BEGIN CROSS SLOPE TRANSITION (2.00% TO 2.40%)
STA 22910+20.00 END CROSS SLOPE TRANSITION BEGIN SUPERELEVATION (2.40%)
STA 2933+69.00 END CROSS SLOPE TRANSITION BEGIN SUPERELEVATION (4.00%)
STA 2928+60.00 BEGIN CROSS SLOPE TRANSITION (-2.00% TO 4.00%)
STA 12905+30 END CROSS SLOPE TRANSITION BEGIN SUPERELEVATION (2.20%)
STA 12903+80 BEGIN CROSS SLOPE TRANSITION (-2.00% TO 2.20%)
S 53° 48' 35.30" W
SL 88
CR 7100
LEGEND
XXXX-2030 ADT
XXXX-2050 ADT
XXXX-2060 ADT

RAMP 125			
PI STATION	= 101+78.19	PI STATION	= 108+90.07
DELTA	= 3° 34' 52.20" (RT)	DELTA	= 5° 05' 56.45" (LT)
DEGREE OF CURVE	= 1° 00' 18.68"	DEGREE OF CURVE	= 1° 00' 18.68"
TANGENT	= 178.19	TANGENT	= 253.80
LENGTH	= 356.27	LENGTH	= 507.27
RADIUS	= 5,700.00	RADIUS	= 5,700.00
PC STATION	= 100+00.00	PC STATION	= 106+36.27
PT STATION	= 103+56.27	PT STATION	= 111+43.54

RAMP 126			
PI STATION	= 100+79.32	PI STATION	= 107+17.96
DELTA	= 1° 35' 40.30" (LT)	DELTA	= 5° 36' 39.88" (RT)
DEGREE OF CURVE	= 1° 00' 18.68"	DEGREE OF CURVE	= 1° 00' 18.68"
TANGENT	= 79.32	TANGENT	= 279.33
LENGTH	= 158.63	LENGTH	= 558.21
RADIUS	= 5,700.00	RADIUS	= 5,700.00
PC STATION	= 100+00.00	PC STATION	= 104+38.63
PT STATION	= 101+58.63	PT STATION	= 109+96.84

RAMP 127	
PI STATION	= 105+17.22
DELTA	= 10° 22' 11.00" (LT)
DEGREE OF CURVE	= 1° 00' 18.68"
TANGENT	= 517.22
LENGTH	= 1,031.62
RADIUS	= 5,700.00
PC STATION	= 100+00.00
PT STATION	= 110+31.62

RAMP 128			
PI STATION	= 101+81.13	PI STATION	= 108+51.36
DELTA	= 3° 38' 24.35" (RT)	DELTA	= 14° 47' 15.70" (LT)
DEGREE OF CURVE	= 1° 00' 18.68"	DEGREE OF CURVE	= 1° 31' 11.22"
TANGENT	= 181.13	TANGENT	= 489.23
LENGTH	= 362.13	LENGTH	= 973.01
RADIUS	= 5,700.00	RADIUS	= 3,770.00
PC STATION	= 100+00.00	PC STATION	= 103+62.13
PT STATION	= 103+62.13	PT STATION	= 113+35.14

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