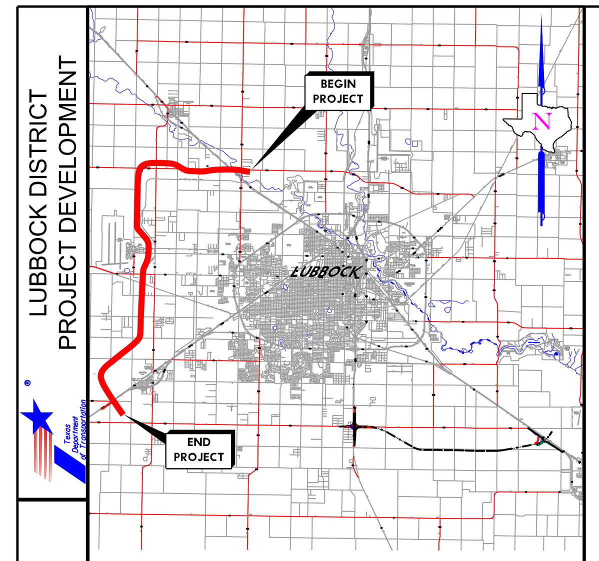
SL 88 SCHEMATIC

LUBBOCK DISTRICT PROJECT DEVELOPMENT



VICINITY MAP
(N.T.S.)

MAINLANE

	PI 2245+15.39	PI 2285+35.16
PI STATION	= 2245+15.39	= 2285+35.16
DELTA	= 7° 46' 13.91" (RT)	= 29° 47' 16.78" (RT)
DEGREE OF CURVE	= 0° 29' 53.61"	= 1° 05' 51.43"
TANGENT	= 781.02	= 1,388.35
LENGTH	= 1,559.65	= 2,713.87
RADIUS	= 11,500.00	= 5,220.00
PC STATION	= 2237+34.37	= 2271+46.81
PT STATION	= 2252+94.02	= 2298+60.68

EB FRONTAGE

PI STATION	= 22199+07.31	= 22221+63.25	= 22262+29.74
DELTA	= 7° 51' 16.56" (LT)	= 7° 46' 13.91" (RT)	= 29° 47' 16.78" (RT)
DEGREE OF CURVE	= 0° 43' 36.25"	= 0° 29' 32.03"	= 1° 04' 08.22"
TANGENT	= 541.25	= 790.53	= 1,425.58
LENGTH	= 1,080.81	= 1,578.63	= 2,786.66
RADIUS	= 7,884.00	= 11,640.00	= 5,360.00
PC STATION	= 22193+66.06	= 22213+72.73	= 22248+04.16
PT STATION	= 22204+46.87	= 22229+51.36	= 22275+90.81

WB FRONTAGE

PI STATION	= 12188+92.07	= 12215+09.39	= 12254+82.45
DELTA	= 6° 44' 42.81" (RT)	= 7° 46' 13.91" (RT)	= 29° 47' 16.78" (RT)
DEGREE OF CURVE	= 0° 43' 36.25"	= 0° 30' 15.71"	= 1° 07' 40.33"
TANGENT	= 464.61	= 771.51	= 1,351.11
LENGTH	= 928.15	= 1,540.66	= 2,641.08
RADIUS	= 7,884.00	= 11,360.00	= 5,080.00
PC STATION	= 12184+27.46	= 12207+37.88	= 12241+31.33
PT STATION	= 12193+55.61	= 12222+78.53	= 12267+72.42

	RAMP 101	RAMP 102	RAMP 103	RAMP 104	
PI STATION	= 108+79.42	= 105+86.65	= 101+99.05	= 102+53.80	= 109+65.46
DELTA	= 7° 00' 21.29" (LT)	= 5° 36' 39.88" (RT)	= 4° 00' 00.00" (LT)	= 5° 05' 56.45" (RT)	= 3° 34' 52.20" (LT)
DEGREE OF CURVE	= 1° 00' 18.68"	= 1° 00' 18.68"	= 1° 00' 18.68"	= 1° 00' 18.68"	= 1° 00' 18.68"
TANGENT	= 348.92	= 279.33	= 199.05	= 253.80	= 178.19
LENGTH	= 696.97	= 558.21	= 397.94	= 507.27	= 356.27
RADIUS	= 5,700.00	= 5,700.00	= 5,700.00	= 5,700.00	= 5,700.00
PC STATION	= 105+30.50	= 103+07.32	= 100+00.00	= 100+00.00	= 107+87.27
PT STATION	= 112+27.47	= 108+65.53	= 103+97.94	= 105+07.27	= 111+43.54

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: 5/15/2020

SCHEMATIC LAYOUT
LUBBOCK COUNTY
CSJ: 1502-02-002
STATE LOOP 88 SEGMENTS 1 AND 2
GEOMETRIC DESIGN
FROM: STA 2210+00
TO: STA 2295+00
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

5/15/2020 11:09:55 AM ccorde
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SL 88 SCHEMATIC
LUBBOCK DISTRICT PROJECT DEVELOPMENT
APPROXIMATE WATER SURFACE ELEVATION
NO ACCESS BY DESIGN
STATE LOOP 88 SEGMENTS 1 AND 2 GEOMETRIC DESIGN