Texas Department of Transportation
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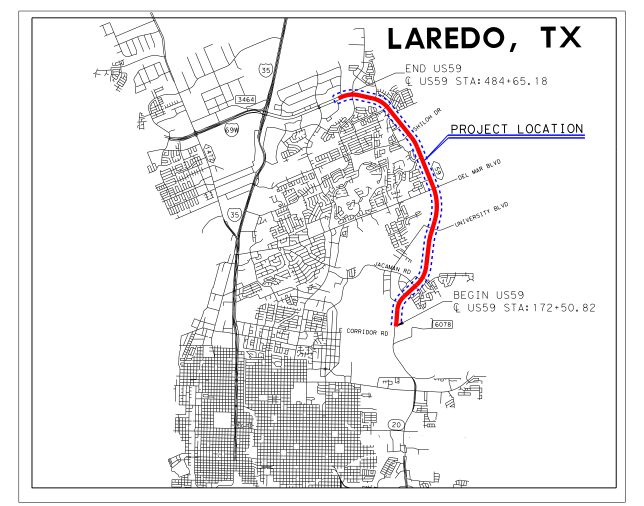
100 % SCHEMATIC LAYOUT FOR PROPOSED US 59 FROM NORTH OF EAST CORRIDOR RD TO WEST OF INTERNATIONAL BLVD, WEBB COUNTY

DATE: 2/4/2021	STATE DISTRICT	COUNTY	CONTROL NO.	SEC. NO.	JOB NO.
REVISION DATE:	LRD	WEBB	0086	14	075, ETC 078, ETC

DESIGN SPEED

MAINLANES:	60 MPH	(PRINCIPAL ARTERIAL)
FRONTAGE ROADS:	40 MPH	(COLLECTORS)
RAMPS:	45 MPH	(MINOR ARTERIAL)
U-TURNS:	20 MPH	
JACAMAN RD:	40 MPH	(MAJOR COLLECTOR)
UNIVERSITY BLVD:	35 MPH	(MAJOR COLLECTOR)
DEL MAR BLVD (WEST):	35 MPH	(PRINCIPAL ARTERIAL)
DEL MAR BLVD (EAST):	35 MPH	(MAJOR COLLECTOR)
SHILOH DR:	40 MPH	(PRINCIPAL ARTERIAL)



VICINITY MAP
N.T.S.

PLAN LEGEND

- PROPOSED ROADWAY
- PROPOSED BRIDGES
- PROPOSED SHARED USED PATH
- PROPOSED SIDEWALK
- REMOVAL OF EXISTING PAVEMENT
- FEMA FLOODPLAIN
- PROPOSED CONC RIPRAP
- PROPOSED COLORED TEXTURED CONC
- PROPOSED CCA
- PROPOSED TRACC
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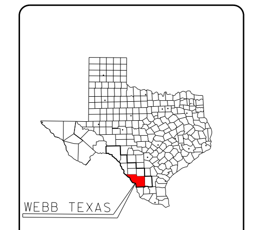
- PROPOSED DETENTION POND
- EXISTING LANE DIRECTION ARROW
- PROPOSED LANE DIRECTION ARROW
- PROPOSED DRIVEWAY



TEXAS COUNTY MAP

A.D.T. ML (2024) = 107,750 VPD
A.D.T. ML (2044) = 169,150 VPD
A.D.T. ML (2054) = 186,250 VPD

A.D.T. FR (2024) = 27,650 VPD
A.D.T. FR (2044) = 43,350 VPD
A.D.T. FR (2054) = 47,750 VPD

VERT SCALE: 1" = 20'
HORIZ SCALE: 1" = 200'

PRELIMINARY
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NAME	P.E.	DATE
MICHAEL RUDD	89647	2/4/2021

PRELIMINARY

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AECOM Technical Services Inc. F- 3580
9400 AMBERGLEN BOULEVARD
AUSTIN, TEXAS 78729
512-457-7700

Texas Department of Transportation

100 % SCHEMATIC LAYOUT
FOR PROPOSED US 59 FROM
NORTH OF EAST CORRIDOR RD TO
WEST OF INTERNATIONAL BLVD, WEBB COUNTY

ROLL 2 OF 3

DATE: 2/4/2021	STATE DISTRICT	COUNTY	CONTROL NO.	SEC. NO.	JOB NO.
REVISION DATE:	LRD	WEBB	0086	14	075, ETC 078, ETC

DESIGN SPEED

MAINLANES:	60 MPH (PRINCIPAL ARTERIAL)	JACAMAN RD:	40 MPH (MAJOR COLLECTOR)
FRONTAGE ROADS:	40 MPH (COLLECTORS)	UNIVERSITY BLVD:	35 MPH (MAJOR COLLECTOR)
RAMPS:	45 MPH (MINOR ARTERIAL)	DEL MAR BLVD (WEST):	35 MPH (PRINCIPAL ARTERIAL)
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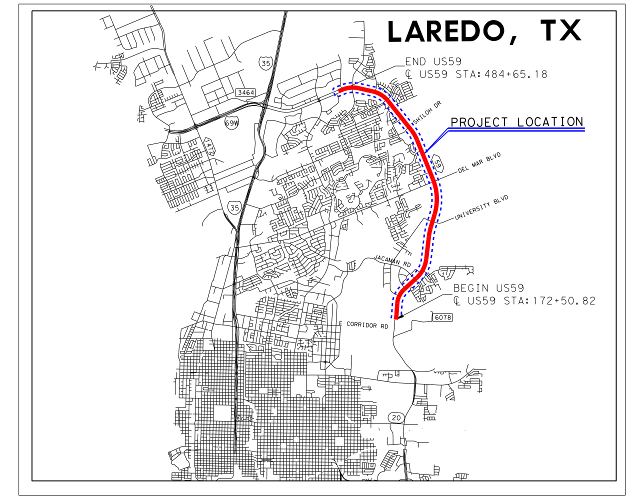


VICINITY MAP
N.T.S.

US59 MAINLANES SUPERELEVATION TABLE						
CROSS SLOPE OF 3RD LANE	CROSS SLOPE OF INSIDE 2 LANES	SBML STA	CHAIN NAME	NBML STA	CROSS SLOPE OF INSIDE 2 LANES	CROSS SLOPE OF 3RD LANE
- 2.50	- 2.00	285+14.87	US59_CL	287+62.92	- 2.00	- 2.50
+ 2.80	+ 2.80	288+65.06	US59_CL	288+21.28	- 2.80	- 2.80
+ 2.80	+ 2.80	297+28.61	US59_CL	297+72.39	- 2.80	- 2.80
- 2.50	- 2.00	300+78.80	US59_CL	298+30.75	- 2.00	- 2.50
- 2.50	- 2.00	311+42.38	US59_CL	308+00.00	- 2.00	- 2.50
- 2.80	- 2.80	312+00.74	US59_CL	312+44.52	+ 2.80	+ 2.80
- 2.80	- 2.80	349+03.18	US59_CL	348+59.40	+ 2.80	+ 2.80

US59 NB FRONTAGE ROAD SUPERELEVATION TABLE				
CHAIN	LEFT STATION	RATE	RIGHT STATION	RATE
FRTG_NB	308+73.58	+ 2.00	308+73.58	- 2.00
FRTG_NB	312+00.00	- 2.00	312+00.00	+ 2.00
FRTG_NB	333+50.00	- 2.00	333+50.00	+ 2.00
FRTG_NB	336+50.00	+ 2.00	336+50.00	- 2.00

UNIVERSITY BOULEVARD SUPERELEVATION TABLE				
CROSS SLOPE OF EASTBOUND	STA	CHAIN NAME	STA	CROSS SLOPE OF WESTBOUND
- 0.28	6+05.99	XSUNIVERSITY	6+05.99	- 0.14
- 2.00	6+98.00	XSUNIVERSITY	7+06.00	- 2.00
- 2.00	14+22.00	XSUNIVERSITY	14+41.00	- 2.00
- 1.65	14+42.28	XSUNIVERSITY	14+42.28	- 1.99

DEL MAR BOULEVARD SUPERELEVATION TABLE				
CROSS SLOPE OF EASTBOUND	STA	CHAIN NAME	STA	CROSS SLOPE OF WESTBOUND
- 0.93	6+30.00	XSDELMAR	6+30.00	- 1.06
- 2.00	6+72.00	XSDELMAR	6+81.00	- 2.00
- 2.00	18+29.00	XSDELMAR	17+46.00	- 2.00
- 1.98	18+30.50	XSDELMAR	18+30.50	- 0.47

SBXR10 RAMP SUPERELEVATION TABLE		
CHAIN NAME	STA	CROSS SLOPE
SBXR10	24+55.00	+ 2.00
SBXR10	27+52.00	+ 2.00
SBXR10	28+72.00	- 2.60
SBXR10	32+48.00	- 2.60
SBXR10	32+58.00	- 2.80

SBER08 RAMP SUPERELEVATION TABLE		
CHAIN NAME	STA	CROSS SLOPE
SBER08	27+43.00	+ 2.50
SBER08	27+58.00	+ 2.00
SBER08	32+12.00	+ 2.00

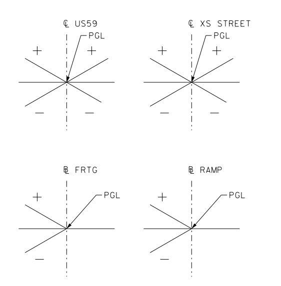
NBER09 RAMP SUPERELEVATION TABLE		
CHAIN NAME	STA	CROSS SLOPE
NBER09	17+59.00	+ 2.00
NBER09	21+60.00	+ 2.00
NBER09	21+85.00	+ 2.80

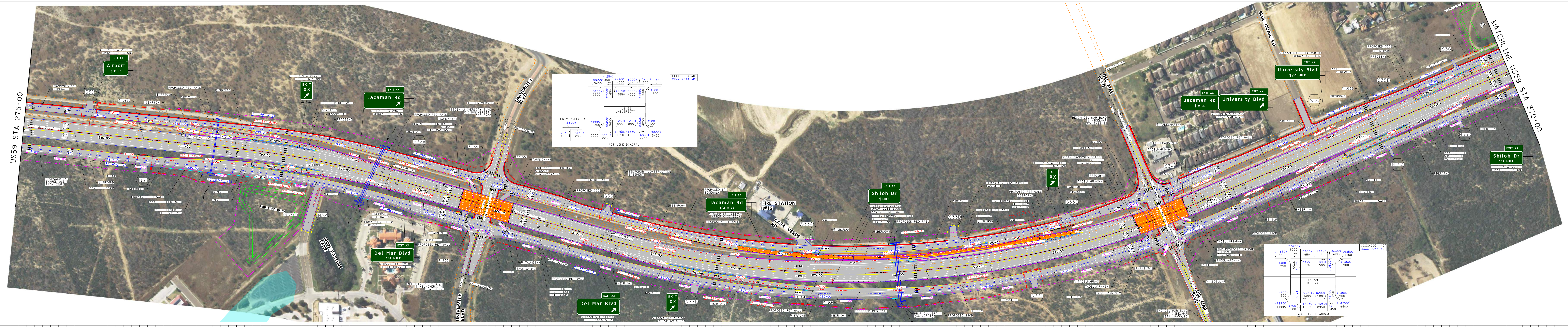
NBXR10 RAMP SUPERELEVATION TABLE		
CHAIN NAME	STA	CROSS SLOPE
NBXR10	15+48.00	- 2.80
NBXR10	15+63.00	- 2.40
NBXR10	19+39.00	- 2.40
NBXR10	19+54.00	- 2.00
NBXR10	24+60.00	- 2.00

NBER11 RAMP SUPERELEVATION TABLE		
CHAIN NAME	STA	CROSS SLOPE
NBER11	16+76.00	+ 2.00
NBER11	20+96.00	+ 2.00
NBER11	21+11.00	+ 2.50

SBER09 RAMP SUPERELEVATION TABLE		
CHAIN NAME	STA	CROSS SLOPE
SBER09	34+63.00	+ 2.80
SBER09	34+88.00	+ 2.80
SBER09	40+73.00	+ 2.00

SBXR09 RAMP SUPERELEVATION TABLE		
CHAIN NAME	STA	CROSS SLOPE
SBXR09	25+67.00	+ 2.00
SBXR09	46+68.00	+ 2.00
SBXR09	46+93.00	+ 2.80





PLAN LEGEND

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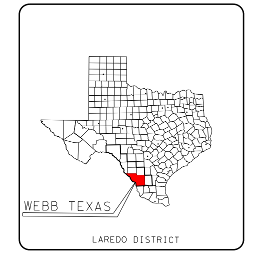

TEXAS COUNTY MAP

A.D.T. ML (2024)= 107,750 VPD
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0' 10' 20'
VERT SCALE: 1"=20'

0' 100' 200'
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ROLL 2 OF 3
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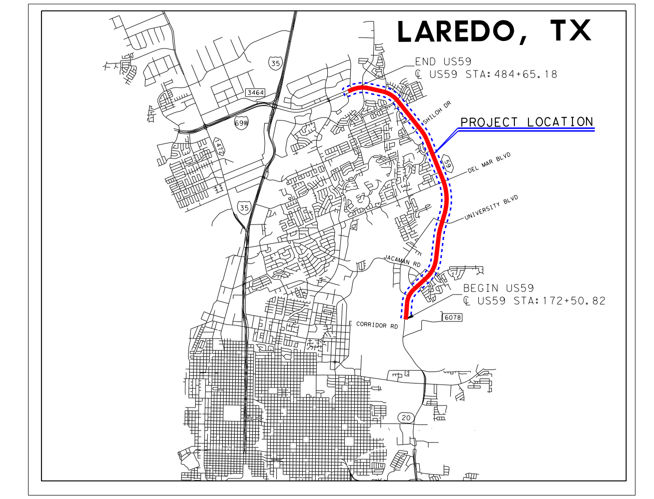

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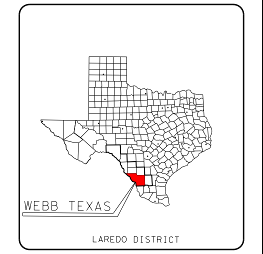

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100 % SCHEMATIC LAYOUT FOR PROPOSED US 59 FROM NORTH OF EAST CORRIDOR RD TO WEST OF INTERNATIONAL BLVD, WEBB COUNTY

ROLL 3 OF 3

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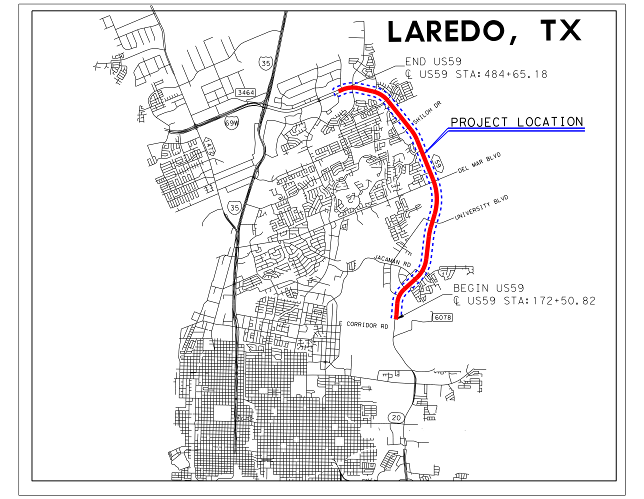


VICINITY MAP
N.T.S.

US59 MAINLANES SUPERELEVATION TABLE

CROSS SLOPE OF 3RD LANE	CROSS SLOPE OF INSIDE 2 LANES	SBML STA	CHAIN NAME	NBML STA	CROSS SLOPE OF INSIDE 2 LANES	CROSS SLOPE OF 3RD LANE
- 2.50	- 2.00	391+00.00	US59_CL	388+00.00	- 2.00	- 2.50
- 3.60	- 3.60	394+00.00	US59_CL	395+50.00	+ 3.60	+ 3.60
- 3.60	- 3.60	405+17.15	US59_CL	404+73.38	+ 3.60	+ 3.60
- 2.50	- 2.00	406+33.88	US59_CL	409+54.96	- 2.00	- 2.50
- 2.50	- 2.00	442+00.00	US59_CL	437+50.00	- 2.00	- 2.50
- 4.60	- 4.60	445+00.00	US59_CL	447+00.00	+ 4.60	+ 4.60
- 4.60	- 4.60	462+00.00	US59_CL	460+50.00	+ 4.60	+ 4.60
- 2.50	- 2.00	465+00.00	US59_CL	468+50.00	- 2.00	- 2.50

US59 NB FRONTAGE ROAD SUPERELEVATION TABLE

CHAIN	LEFT STATION	RATE	RIGHT STATION	RATE
FRTG_NB	442+00.00	+ 2.00	442+00.00	- 2.00
FRTG_NB	445+00.00	- 2.60	445+00.00	+ 2.60
FRTG_NB	462+00.00	- 2.60	462+00.00	+ 2.60
FRTG_NB	466+50.00	+ 2.00	466+50.00	- 2.00

US59 SOUTHBOUND FRONTAGE SUPERELEVATION TABLE

CHAIN NAME	LEFT STATION	RATE	RIGHT STATION	RATE
FRTG_SB	405+00.00	- 2.00	405+00.00	+ 2.00
FRTG_SB	406+25.00	+ 1.00	406+25.00	- 1.00
FRTG_SB	410+00.00	+ 1.00	410+00.00	- 1.00
FRTG_SB	411+25.00	- 2.00	411+25.00	+ 2.00
FRTG_SB	443+50.00	- 2.00	443+50.00	+ 2.00
FRTG_SB	444+50.00	- 2.80	444+50.00	+ 2.80
FRTG_SB	462+50.00	- 2.80	462+50.00	+ 2.80
FRTG_SB	463+50.00	- 2.00	463+50.00	+ 2.00
FRTG_SB	465+00.00	- 2.00	465+00.00	+ 2.00

SHILOH DRIVE SUPERELEVATION TABLE

CROSS SLOPE OF EASTBOUND	STA	CHAIN NAME	STA	CROSS SLOPE OF WESTBOUND
- 0.63	5+15.00	XSSHILOH	5+15.00	- 1.05
- 2.00	5+65.00	XSSHILOH	5+65.00	- 2.00
- 2.00	7+05.00	XSSHILOH	7+05.00	- 2.00
		XSSHILOH	7+85.00	- 2.00
+ 0.87	8+35.00	XSSHILOH	8+35.00	- 0.87
+ 0.87	8+95.00	XSSHILOH	8+95.00	- 0.87
+ 2.00	9+45.00	XSSHILOH	9+45.00	- 2.00
+ 2.00	10+50.00	XSSHILOH	10+50.00	- 2.00
+ 1.12	10+90.00	XSSHILOH	10+90.00	- 1.12
+ 1.12	11+65.00	XSSHILOH	11+65.00	- 1.12
		XSSHILOH	12+05.00	- 2.00
- 2.00	13+05.00	XSSHILOH	13+05.00	- 2.00

NBXR12 RAMP SUPERELEVATION TABLE

CHAIN NAME	STA	CROSS SLOPE
NBXR12	15+11.70	+ 2.50
NBXR12	15+25.00	+ 2.00
NBXR12	19+97.84	+ 2.00

SBXR07 SUPERELEVATION TABLE

CHAIN NAME	STA	CROSS SLOPE
SBXR07	26+70.12	+ 2.00
SBXR07	38+95.00	+ 2.00
SBXR07	39+45.19	+ 3.60

NBXR13 RAMP SUPERELEVATION TABLE

CHAIN NAME	STA	CROSS SLOPE
NBXR13	17+70.13	+ 2.50
NBXR13	17+85.00	+ 2.00
NBXR13	27+30.82	+ 2.00

SBER06 RAMP SUPERELEVATION TABLE

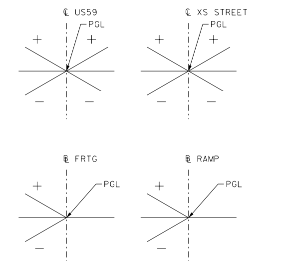
CHAIN NAME	STA	CROSS SLOPE
SBER06	26+69.25	+ 2.50
SBER06	26+85.00	+ 2.00
SBER06	30+52.65	+ 2.00

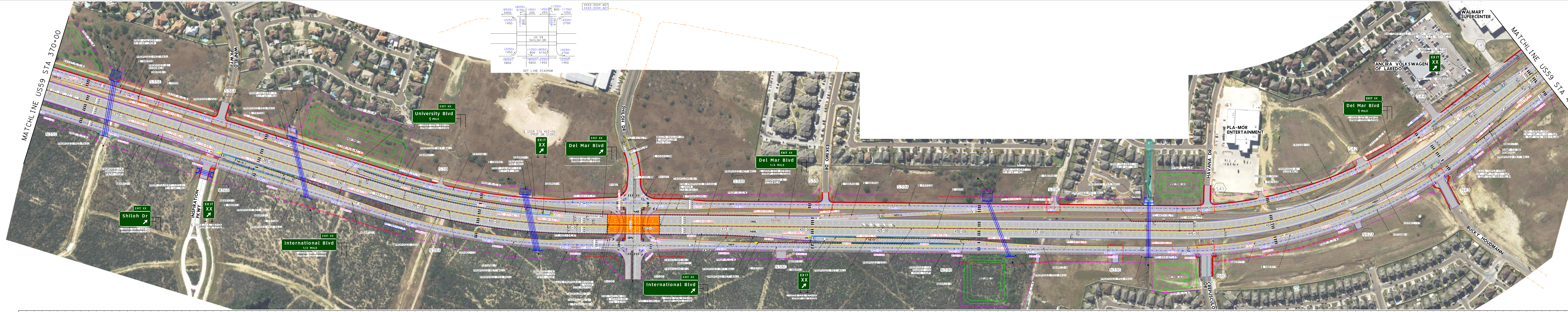
NBER17 RAMP SUPERELEVATION TABLE

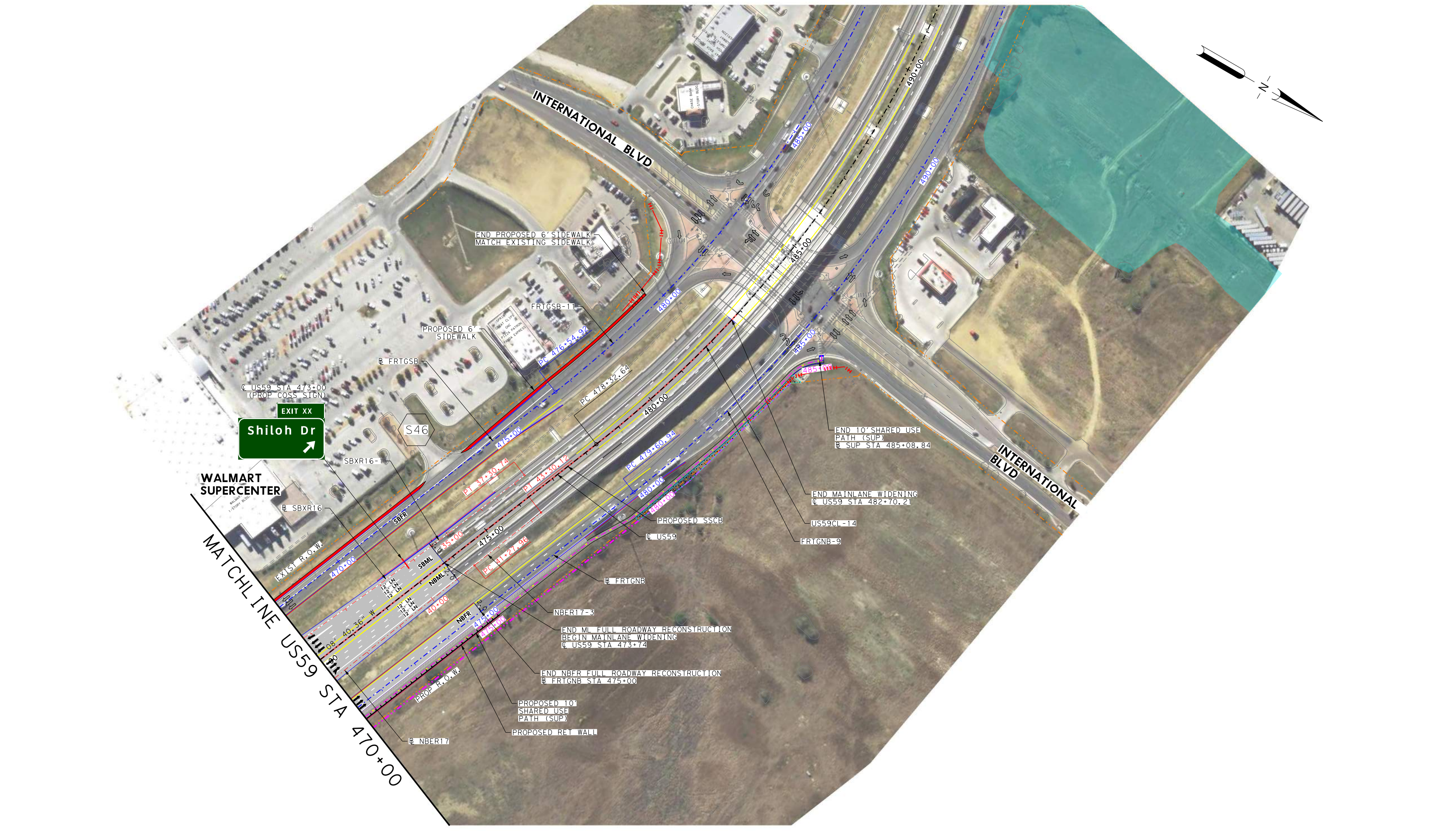
CHAIN NAME	STA	CROSS SLOPE
NBER17	21+84.52	- 2.60
NBER17	27+75.00	- 4.60
NBER17	28+31.03	- 4.60

SBXR16 RAMP SUPERELEVATION TABLE

CHAIN NAME	STA	CROSS SLOPE
SBXR16	23+16.57	+ 2.80
SBXR16	23+35.00	+ 2.00
SBXR16	28+40.00	+ 2.00







PLAN LEGEND

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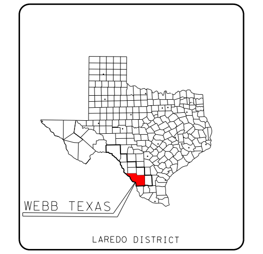

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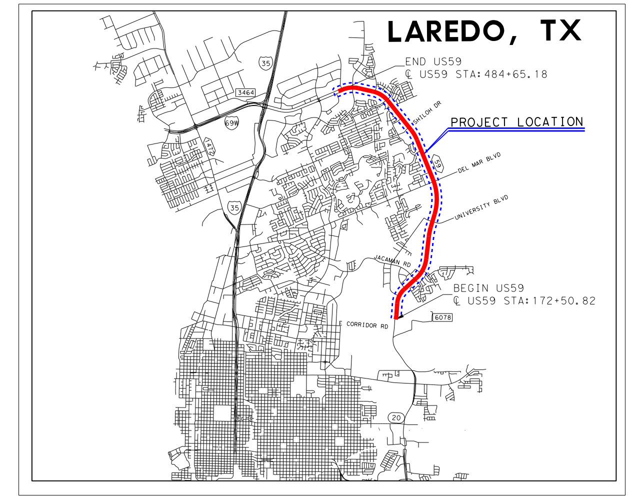
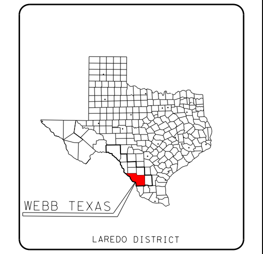
100 % SCHEMATIC LAYOUT FOR PROPOSED US 59 FROM NORTH OF EAST CORRIDOR RD TO WEST OF INTERNATIONAL BLVD, WEBB COUNTY
ROLL 3 OF 3





VICINITY MAP
TEXAS COUNTY MAP
PRELIMINARY FOR REVIEW ONLY
PRELIMINARY
AECOM