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Texas Department of Transportation

PARIS DISTRICT
NOEL PARAMANATHAM, P.E. - DISTRICT ENGINEER

60% INTERIM DESIGN SCHEMATIC
LOOP 286
SOUTHEAST PROJECT

CSJ's:
1690-01-124

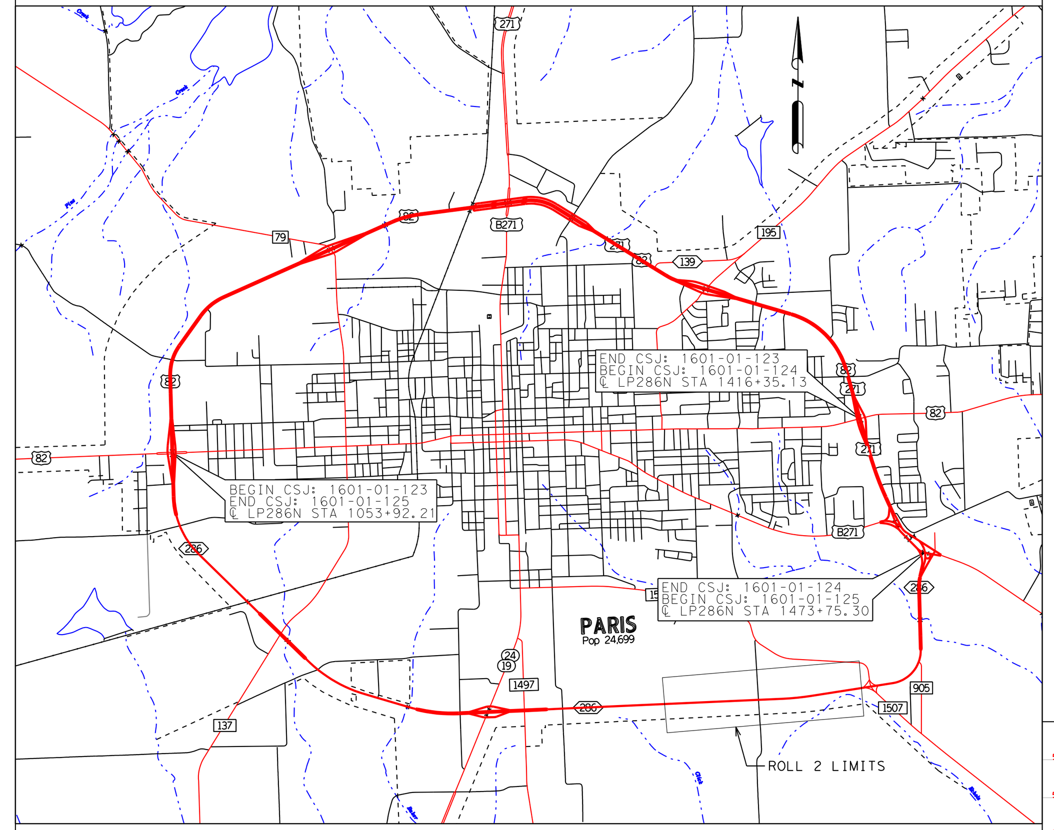
NET LENGTH OF PROJECT: 20,188 FEET = 3.82 MILES

ROADWAY 20,188 FEET = 3.82 MILES
BRIDGE 0 FEET = 0.00 MILES

TRAFFIC DATA

	US82E TO US82W
2018 ADT	7,200
2038 ADT	9,900

ROADWAY	FUNCTIONAL CLASS.	DESIGN SPEED	eMAX
LOOP 286	URBAN FREEWAY	50 MPH	6%
RAMPS	RAMPS	40 MPH	6%
FRONTAGE ROAD	URBAN COLLECTOR	40 MPH	2%
CROSS STREETS	URBAN MINOR ARTERIAL	30 MPH	2%
	URBAN COLLECTOR	30 MPH	2%
TURNAROUNDS	URBAN MINOR COLLECTOR	25 MPH	2%



LOCATION MAP : N.T.S.

DESIGN STANDARDS USED
TXDOT ROADWAY DESIGN MANUAL: 2018
AASHTO POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS: 2011
TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES: 2014
TRB HIGHWAY CAPACITY MANUAL: 2010
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD): 2011
TXDOT ACCESS MANAGEMENT MANUAL: 2011
TXDOT HYDRAULIC DESIGN MANUAL: 2019

SCHEMATIC PREPARED BY:
BURNS & MCDONNELL
FIRM REGISTRATION NUMBER F-845
JOSHUA RYAN ROBERTSON 115996
NAME P.E. NUMBER
7/9/2020
DATE

PRELIMINARY

NOT INTENDED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES AND SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.

JULY 2020

BURNS McDONNELL
15950 N. DALLAS PKWY.
SUITE 700
DALLAS, TX. 75248

HORZ SCALE 0 50 100 200
VERT SCALE 0 5 10 20

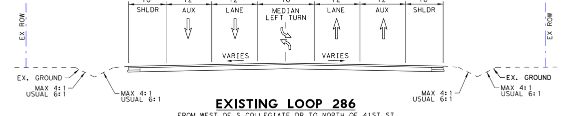
ROLL 2 OF 3

LEGEND:

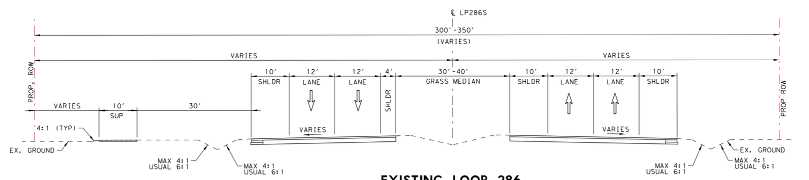
PROPOSED CENTERLINE/BASELINE
PROPOSED ROW
EXISTING ROW
PARCEL LINE
MAINLANE/FR/CROSS STREET EOP*
RAMP EOP*
MAINLANE/RAMP EOT**
FRONTAGE ROAD EOT**
CROSS STREET EOT**
FRONTAGE ROAD BACK OF CURB
CROSS STREET BACK OF CURB
TURNAROUND BACK OF CURB
PAVEMENT STRIPING
PAVEMENT DASHED STRIPING
DOUBLE YELLOW PAVEMENT STRIPING
SOLID WHITE PAVEMENT STRIPING
PROPOSED TRAFFIC ARROW
EXISTING TRAFFIC ARROW
PROPOSED CONTROL OF ACCESS
DIRECT DISPLACEMENT
INDUCED DISPLACEMENT
*EOP = EDGE OF PAVEMENT
**EOT = EDGE OF TRAVEL

PROPOSED BRIDGE LIMITS
EXISTING BRIDGE LIMITS
PAVEMENT REMOVAL
PROPOSED MAINLANE AND RAMPS
PROPOSED FRONTAGE ROAD/CROSS STREET
PROPOSED RAMP
PROPOSED DRIVEWAY
PROPOSED SHARED USE PATH OR SIDEWALK
PROPOSED RETAINING WALL
BRIDGE BENTS
FEMA FLOOD AE
FEMA FLOODWAY
FEMA FLOOD A
DRAINAGE FLOW LINE
EXISTING CULVERT
PROPOSED CULVERT
CULVERT FLOW
PROPOSED OVERHEAD SIGN

ABANDONED UTILITY
COMMUNICATIONS QL "D"
AT&T(TELE) C1
AT&T (FO/DUCT) C2
PEOPLES (FO/DUCT) C3
SUDDENLINK (FO/DUCT) C4
SUDDENLINK (CABLE) C5
ELECTRIC / POWER QL "D"
ONCOR E1
TXDOT E2
GAS / PETROLEUM QL "D"
ATMOS G1
ATMOS PL1
MOBILE PRODUCING PL2
SANITARY SEWER QL "D"
CITY OF PARIS WW1
POTABLE WATER QL "D"
CITY OF PARIS W1
TRAFFIC SIGNALS QL "D"
CITY OF PARIS TS1
UTILITY SYMBOLS
END CAP
UTILITY CONTINUATION



EXISTING LOOP 286
FROM WEST OF 5TH ST TO EAST OF S COLLEGIATE DR

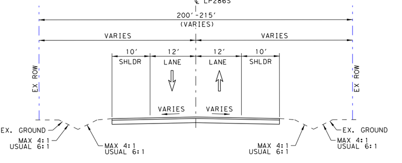


EXISTING LOOP 286
FROM WEST OF S COLLEGIATE DR TO NORTH OF 41ST ST

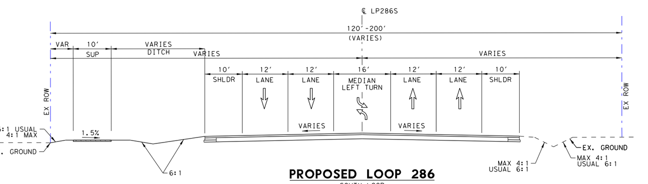
PARCEL #	PROPERTY OWNER	ADDRESS
329	Dorothy Ellen Hoban	4201 Biltmore Dr, Corpus Christi TX 78413
330	Richard Gore	PO Box 551, Ben Franklin TX 75413
331	Jack and Pam Besteman	4400 Hwy 271 North, Powderly TX 75473
332	Drake Construction Company	6290 US Hwy 271 N, Powderly TX 75473
333	Paris Independent School District	1920 Clarksville Street, Paris TX 75460
334	Clifford Rev Trust	3030 Fair Oaks Dr, Paris TX 75462
335	Paris Junior College	2400 Clarksville, Paris TX 75460
336	Paris Junior College	2400 Clarksville, Paris TX 75460

HORIZONTAL CURVE TABLE

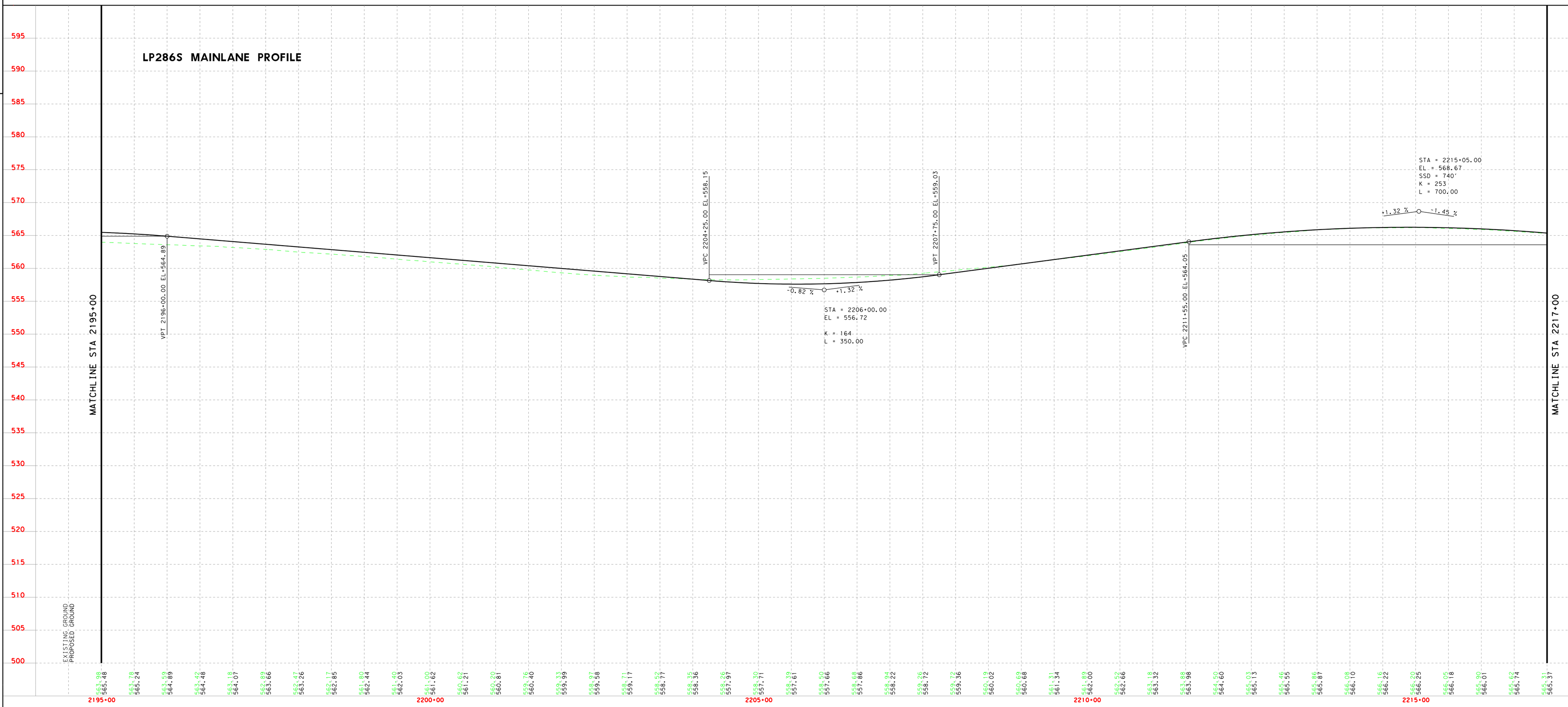
CHAIN NAME	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STA.	PC STA.	PT STA.
CL_LP286_S	CL_LP286_S4	0° 24' 51.82" LT	0° 34' 22.65"	36.16'	72.33'	10,000.00'	N 88° 16' 58.28" E	N 87° 52' 06.47" E	2211+67.57	2211+31.41	2212+03.73
	CL_LP286_S5	0° 19' 26.63" LT	0° 34' 22.65"	28.28'	56.56'	10,000.00'	N 87° 52' 06.47" E	N 87° 32' 39.84" E	2225+27.45	2224+99.17	2225+55.73
	CL_LP286_S6	6° 04' 52.70" LT	0° 45' 50.20"	398.39'	796.04'	7,500.00'	N 87° 32' 39.84" E	N 81° 27' 47.14" E	2250+21.42	2246+23.03	2254+19.07
FR_2865_WB2	FR_2865_WB2_1	3° 49' 49.31" LT	0° 57' 17.75"	200.63'	401.11'	6,000.00'	N 87° 52' 06.47" E	N 84° 02' 17.16" E	302+00.63	300+00.00	304+01.11
	FR_2865_WB2_2	3° 05' 33.85" RT	0° 24' 44.34"	375.13'	750.09'	13,896.06'	N 84° 02' 17.16" E	N 87° 07' 51.01" E	307+76.25	304+01.11	311+51.20
	FR_2865_WB2_3	0° 24' 48.83" RT	1° 09' 00.20"	17.98'	35.96'	4,982.00'	N 87° 07' 51.01" E	N 87° 32' 39.84" E	311+69.18	311+51.20	311+87.16
	FR_2865_WB2_14	6° 04' 52.70" LT	0° 49' 06.64"	371.83'	742.97'	7,000.00'	N 87° 32' 39.84" E	N 81° 27' 47.14" E	333+95.80	330+23.97	337+66.94

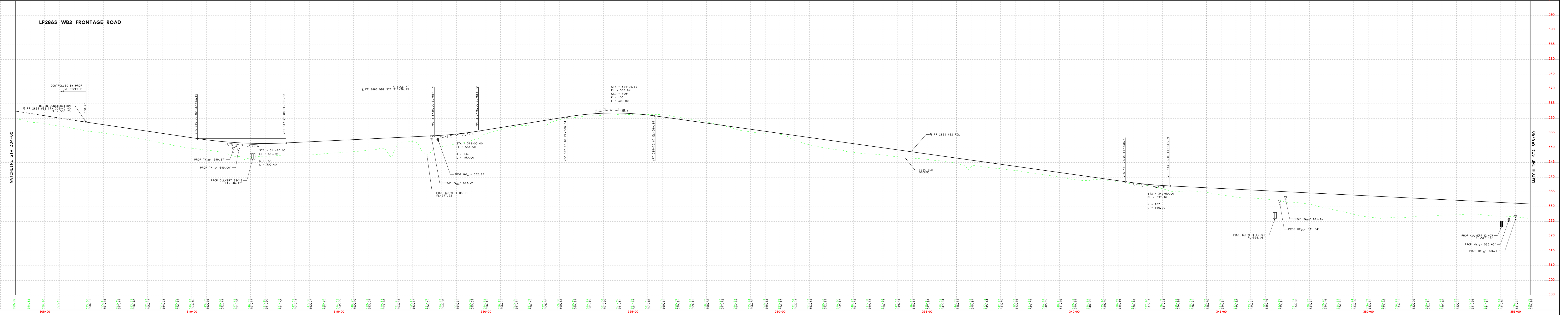


EXISTING LOOP 286
FROM WEST OF 6TH ST TO WEST OF S COLLEGIATE DR



PROPOSED LOOP 286
SOUTH LOOP
FROM 6TH ST TO EAST OF S COLLEGIATE DR
℄ LP286S STA 2200+00





Plotted on: 7/9/2020
Scale: 1:100
Design Filename: $FILEL$
Pen Table: 108556 LOOP 286.tbl