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

60% INTERIM DESIGN SCHEMATIC
LOOP 286
NORTHEAST PROJECT

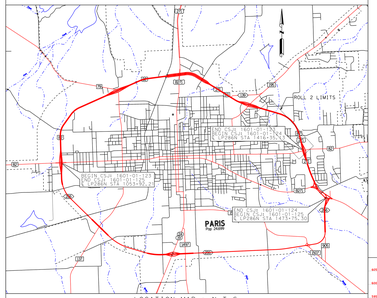
CSJ's:
1690-01-123

NET LENGTH OF PROJECT: 12,571 FEET = 2.38 MILES
- ROADWAY: 12,091 FEET = 2.29 MILES
- BRIDGE: 480 FEET = 0.09 MILES

TRAFFIC DATA

	US271N TO US82E
2018 ADT	30,000
2038 ADT	36,500

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: 2015
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.

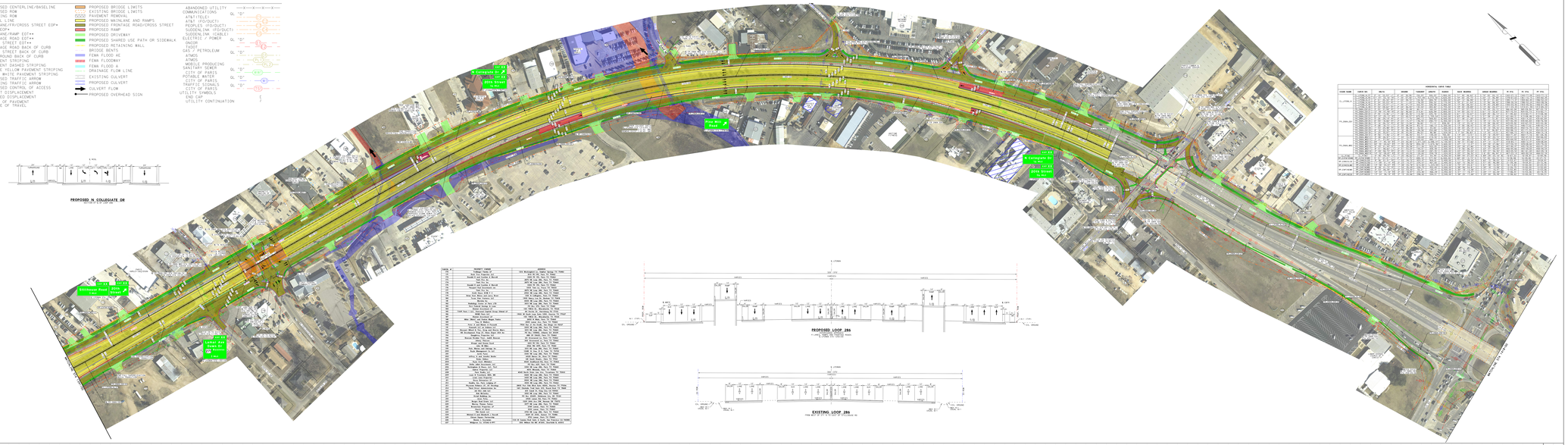
JULY 2020

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

ROLL 2 OF 2

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

LEGEND:
- PROPOSED CENTERLINE/BASELINE
- PROPOSED ROW
- EXISTING ROW
- PARCEL LINE
- MAINLANE/FTR/CROSS STREET EOP*
- RAMP EOP*
- FRONTAGE ROAD/RAMP EOT**
- FRONTAGE ROAD EOT**
- CROSS STREET EOT**
- FRONTAGE ROAD BACK OF CURB
- CROSS STREET BACK OF CURB
- TURNAROUND BACK OF CURB
- PAVEMENT SURFACE
- PAVEMENT MARKED STRIPING
- DOUBLE YELLOW PAVEMENT STRIPING
- SOLID WHITE PAVEMENT STRIPING
- PROPOSED TRAFFIC ARROW
- EXISTING TRAFFIC ARROW
- PROPOSED CONTROL OF ACCESS
- PROPOSED DISPLACEMENT
- DUCKED CONDUIT ALIGNMENT
- *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 100 YR
- FEMA FLOODWAY
- FEMA FLOODWAY
- DRAINAGE FLOW LINE
- EXISTING CULVERT
- PROPOSED CULVERT
- CULVERT FLOW
- PROPOSED OVERHEAD SIGN
- ABANDONED UTILITY
- COMMUNICATIONS
- AT&T(TELE)
- AT&T (FO/DUCT)
- PEOPLES (FO/DUCT)
- SUDDENLINK (FO/DUCT)
- ELECTRIC / POWER
- ELECTRIC / POWER
- ONCOR
- TXDOT
- GAS / PETROLEUM
- ATMOS
- ATMOS
- MOBILE PRODUCING
- SANITARY SEWER
- CITY OF PARIS
- HYDRAULIC
- CITY OF PARIS
- TRAFFIC SIGNALS
- CITY OF PARIS
- UTILITY SYMBOLS
- UTILITY POLE
- UTILITY CONTINUATION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