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

60% DESIGN SCHEMATIC
LOOP 286

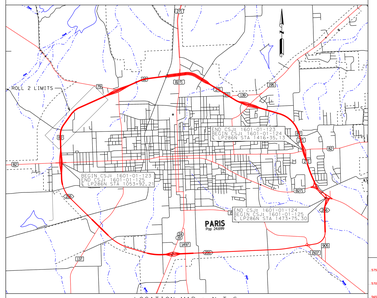
CSJ's:
1690-01-123
1690-01-124
1690-01-125

NET LENGTH OF PROJECT: 81632 FEET = 15.5 MILES
- ROADWAY 76,020 FEET = 14.4 MILES
- BRIDGE 5,612 FEET = 1.1 MILES

TRAFFIC DATA

	US82W TO US271N	US271N TO US82E	US82E TO US82W
2018 ADT	11,800	30,000	3,200
2038 ADT	16,400	36,500	9,900

ROADWAY	FUNCTIONAL CLASS.	DESIGN SPEED	eMAX
LOOP 286	URBAN FREEWAY	50 MPH	6%
RAMPS	URBAN FREEWAY	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
TXDOT 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

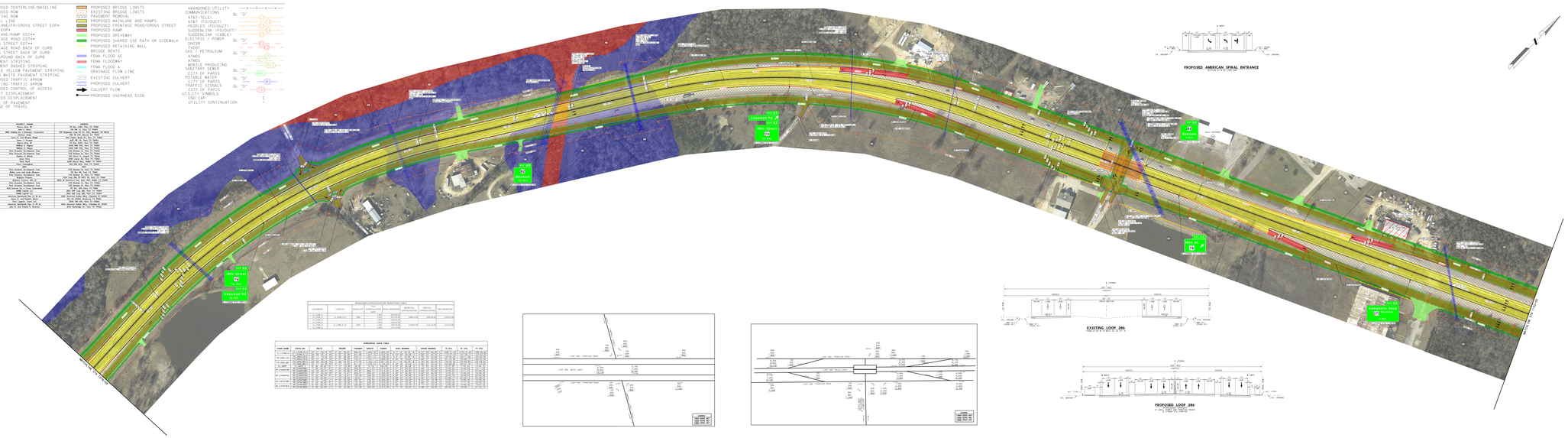
JOSHUA RYAN ROBERTSON 115996
NAME P.E. NUMBER
7/9/2020
DATE

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 22

HORZ SCALE 0 100 200
VERT SCALE 0 5 10

LEGEND:
- PROPOSED CENTERLINE/BASELINE
- PROPOSED ROW
- EXISTING ROW
- PARCEL LINE
- MAINLINE/FR/CROSS STREET EOP*
- MAINLINE/RAMP EOT**
- FRONTAGE ROAD EOT**
- CROSS STREET EOT**
- FRONTAGE ROAD BACK OF CURB
- CROSS STREET BACK OF CURB
- MAINLINE/RAMP BACK OF CURB
- PAVEMENT STRIPING
- PAVEMENT DASHED STRIPING
- DOUBLE YELLOW PAVEMENT STRIPING
- SOLID WHITE PAVEMENT STRIPING
- PROPOSED TRAFFIC ARROW
- EXISTING TRAFFIC ARROW
- PROPOSED PEDESTRIAN 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
- FEMA FLOOD WAY
- FEMA FLOOD AE
- FEMA FLOODWAY
- FEMA FLOOD A
- 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)
  - TEXLINK (FO/DUCT)
- ELECTRIC / POWER
  - ONCOR
  - TJPO
- GAS / PETROLEUM
  - ATMOS
  - ATMOS
  - MOBILE PRODUCING
- SANITARY SEWER
  - CITY OF PARIS
- POTABLE WATER
  - CITY OF PARIS
- TRAFFIC SIGNALS
  - CITY OF PARIS
- UTILITY SYMBOLS
  - END CAP
  - UTILITY CONTINUATION