Texas Department of Transportation

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BEAUMONT DISTRICT

MARTIN GONZALEZ, P.E.
BEAUMONT DISTRICT ENGINEER

US 90 GEOMETRIC SCHEMATIC 100% SUBMITTAL

FROM: SH 61
TO: FM 563

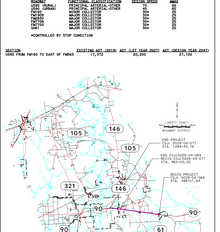
CSJ: 0028-04-069
CSJ: 0028-04-077

LIBERTY COUNTY
PROJECT LENGTH: 11.39 MILES
TERRAIN: LEVEL

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED	AREA
US 90 (GRAND)	RURAL PRINCIPAL ARTERIAL-OTHER	55 MPH	RURAL
FM 563	RURAL MAJOR COLLECTOR	55 MPH	RURAL
FM 1663	RURAL MAJOR COLLECTOR	55 MPH	RURAL
FM 1663	RURAL MAJOR COLLECTOR	55 MPH	RURAL
FM 1663	RURAL MAJOR COLLECTOR	55 MPH	RURAL
FM 1663	RURAL MAJOR COLLECTOR	55 MPH	RURAL

HIGHTOLLED BY STOP CONDITION

SECTION	EXISTING ADT (2019)	ADT (1ST YEAR 2021)	ADT (DESIGN YEAR 2041)
US90 FROM PARIGO TO EAST OF PARGO	17,572	20,200	27,100



Scale: Horizontal 1"=100'
Vertical 1"=10'

SEPTEMBER 2024

PRELIMINARY
NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

SUBMITTED PRELIMINARY BY OR UNDER THE DIRECT SUPERVISION OF:

DATE: 9_ SUTTON
NAME: P.E. NUMBER
9/19/2024
DATE

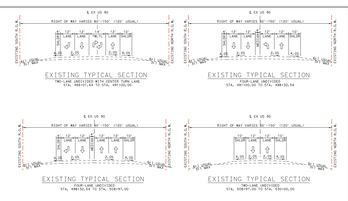
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

ROLL 1 OF 14

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

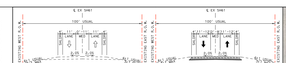
GENERAL NOTES

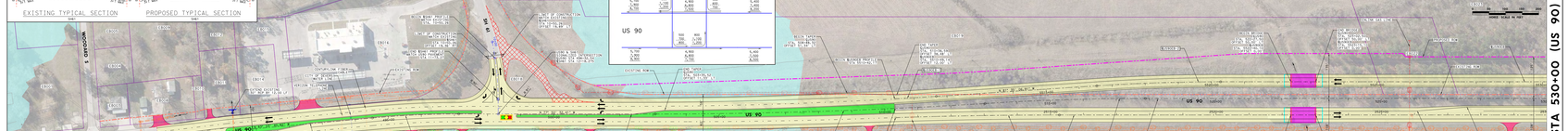
1. EXISTING FEATURES WERE SURVEYED BETWEEN DECEMBER 2019 AND APRIL 2021.
2. TRAFFIC VOLUMES WERE PROVIDED BY TXDOT ON 08/29/2024.
3. ADA RAMPS AND SIDEWALK ARE DESIGNED TO TXDOT ADA DESIGN STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. ADA RAMPS WILL BE DETERMINED DURING FINAL DEVELOPMENT.
4. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE BUILDING PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. BUILDINGS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING FINAL DESIGN.
5. SUPER ELEVATION AXIS OF ROTATION IS EXISTING LANE EDGE AS SHOWN IN THE TYPICAL SECTIONS.
6. DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE CALCULATED NOTED OTHERWISE.
7. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE DETERMINED FROM FLOOD INSURANCE RATE MAPS.
8. CONVENTIONAL ROADWAY SIGNAGE SMALL SIGNS, LARGE SIGNS, AND SIGNAL HEADS DEVELOPED DURING THE FINAL PHASE OF DESIGN.
9. OWNERSHIP INFORMATION SHOWN ON PROPERTY OWNERSHIP TABLES IS BASED ON DIGNIT APPRAISAL DISTRICT. (SEPTEMBER 2018).
10. ALL DIMENSIONS, ELEVATIONS AND STOP CONTROLLED UNLESS OTHERWISE NOTED.
11. UTILITY CALLOUTS WITH * ON PROPOSED STATIONS ARE BASED ON EXISTING STATIONS BASED ON EXISTING SURVEY.

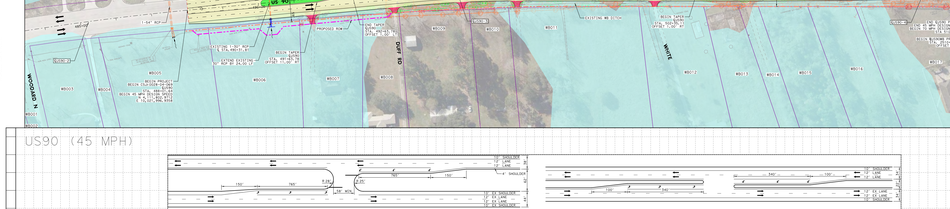


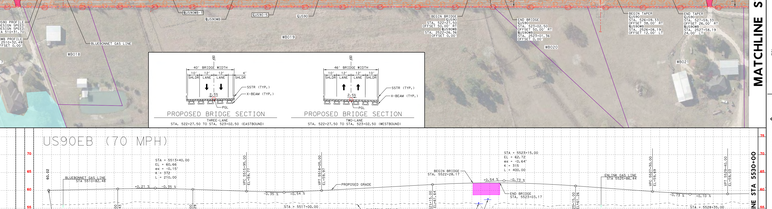
LEGEND

EXISTING RIGHT-OF-WAY
PROPOSED RIGHT-OF-WAY
PROPOSED DRAINAGE EASEMENT
PROPOSED SAMCUT LINE
PROPERTY LINES
PROPOSED CHANNEL BANKS
PROPOSED CULVERT EXTENSIONS
PROPOSED APPROACH SLAB
PROPOSED SUBBASE
PROPOSED CURVED SECTIONS
PROPOSED BRIDGE BENTS
EXISTING CULVERTS
TRAFFIC/WATER FLOW DIRECTION
EXISTING DITCH
PROPOSED SHARED USE PATH
PROPOSED CONCRETE PAVEMENT
PROPOSED SUBGRADE
PROPOSED DRIVEWAY
PROPOSED DRAINAGE EASEMENT
PROPOSED RAISED MEDIAN
PAVEMENT REMOVAL
POTENTIAL DISPLACEMENT
FEMA FLOODWAY
FEMA 100-YR FLOODPLAIN
EXISTING/PROPOSED SIGNAL









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LEGEND OF UTILITY TYPES

LEGEND OF UTILITY SYMBOLS