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

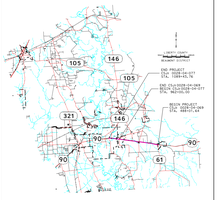
CSJ: 0028-04-069
CSJ: 0028-04-077

LIBERTY COUNTY
PROJECT LENGTH: 11.39 MILES
TERRAIN: LEVEL

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED	AADT
US90 (GRAL)	RURAL PRINCIPAL ARTERIAL	55	
FM563	RURAL MAJOR COLLECTOR	55	
FM563	RURAL MAJOR COLLECTOR	55	
FM563	RURAL MAJOR COLLECTOR	55	
FM563	RURAL MAJOR COLLECTOR	55	
FM563	RURAL MAJOR COLLECTOR	55	

NONATTAINED BY STUP CONDITION

SECTION	EXISTING AADT (2019)	AADT (LAST YEAR 2021)	AADT (DESIGN YEAR 2042)
US90 FROM PARIGO TO EAST OF FM563	17,572	20,200	27,100



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

SEPTEMBER 2024

PRELIMINARY
NOT FOR CONSTRUCTION, BIDDING OR RECORD PURPOSES

SUBMITTED PRELIMINARY BY OR UNDER THE DIRECT SUPERVISION OF:

EXAS D. SUTTON	120140
NAME	P.E. NUMBER
9/19/2024	
DATE	

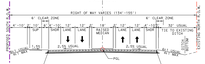
NOT INTENDED FOR CONSTRUCTION, BIDDING OR RECORD PURPOSES

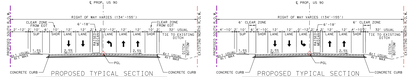
ROLL 12 OF 14

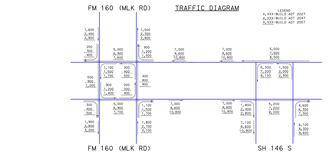
HDR
HDR Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

GENERAL NOTES

1. EXISTING FEATURES WERE SURVEYED BETWEEN DECEMBER 2019 AND APRIL 2020.
2. TRAFFIC VOLUMES WERE PROVIDED BY TXDOT ON 08/29/2024.
3. ADA RAMPS AND CROSSWALK ARE DESIGNED TO TDLR TECHNICAL STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. ADA RAMPS WILL BE DETERMINED DURING FINAL DEVELOPMENT.
4. BUILDINGS ARE SHOWN AS POTENTIAL. BUILDINGS WHICH ARE NOT SHOWN BUT PHYSICALLY OVERLAPS THE EXISTING BUILDING STRUCTURE ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING FINAL DESIGN.
5. SUPER ELEVATION AXIS OF ROTATION IS EDGE OF PAVEMENT AS SHOWN IN THE TYPICAL SECTIONS.
6. DIMENSIONS ARE TO THE EDGE OF PAVEMENT, EXCLUDING CURB, UNLESS OTHERWISE NOTED OTHERWISE.
7. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE DERIVED FROM FLOOD INSURANCE RATE MAPS.
8. CONVENTIONAL ENDBANK STORAGE (SMALL POND) IS ASSUMED TO BE PROVIDED BY DEVELOPERS DURING THE FINAL PHASE OF DESIGN.
10. ORHOPHOTO INFORMATION SHOWN ON PLANS WAS PROVIDED BY LIBERTY COUNTY (APPRAISAL DISTRICT, SEPTEMBER 2018).
11. DO NOT PLACE INSPECTIONS AND STOP CONTROLLER UNLESS OTHERWISE NOTED.
12. UTILITY CALLOUTS WITH * ON PROPOSED STATIONS ARE BASED ON EXISTING STATIONS BASED ON EXISTING SURVEY.

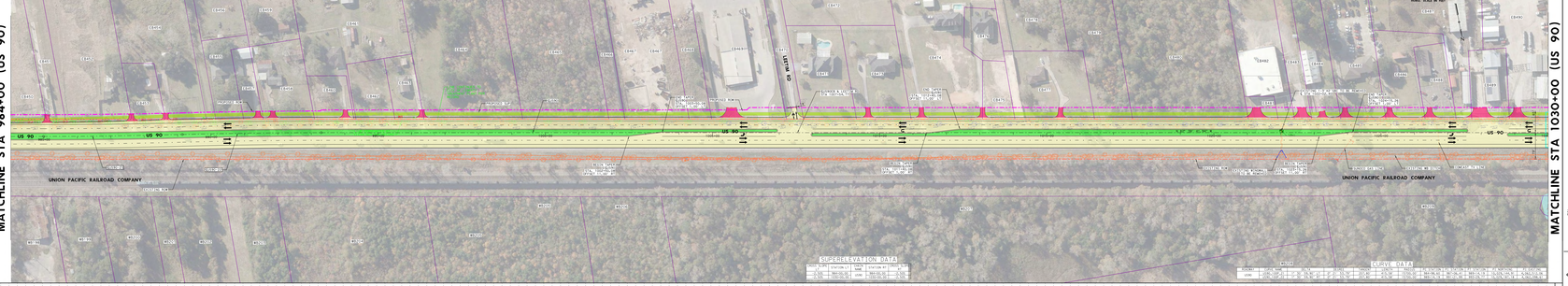


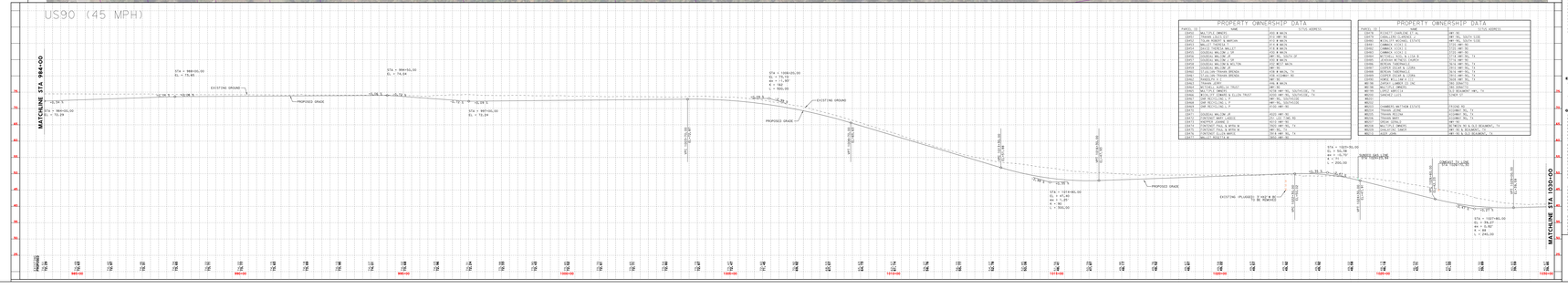




LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- PROPOSED DRAINAGE EASEMENT
- PROPOSED SAMOUT LINE
- PROPERTY LINES
- PROPOSED CHANNEL BANKS
- PROPOSED CULVERT EXTENSIONS
- PROPOSED APPROACH SLAB
- PROPOSED SUBBASE
- PROPOSED CURVED SECTIONS
- PROPOSED BRIDGE BENTS
- EXISTING CUL-VERTS
- TRAFFIC/WATER FLOW DIRECTION
- EXISTING DITCH
- PROPOSED SHARED USE PATH
- PROPOSED CONCRETE PAVEMENT
- PROPOSED SUBGRADE
- PROPOSED BRIDGES
- 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