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

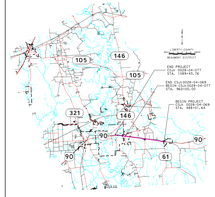
CSJ: 0028-04-069
CSJ: 0028-04-077

LIBERTY COUNTY
PROJECT LENGTH: 11.39 MILES
TERRAIN: LEVEL

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED	AADT
US90 (MAIN)	RURAL PRINCIPAL ARTERIAL	70 MPH	35,000
FM563	RURAL MAJOR COLLECTOR	55 MPH	2,000
FM770	RURAL MAJOR COLLECTOR	55 MPH	2,000
SH61	RURAL MAJOR COLLECTOR	55 MPH	2,000
CR1704	RURAL MAJOR COLLECTOR	55 MPH	2,000
CR1705	RURAL MAJOR COLLECTOR	55 MPH	2,000

NON-MOTORIZED BY STOP CONDITION

SECTION	EXISTING AADT (2019)	AADT (1ST YEAR 2021)	AADT (DESIGN YEAR 2042)
US90 FROM FM563 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 PERMIT PURPOSES

SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

DAVID A. SUTTON 120142
NAME P.E. NUMBER
9/19/2024
DATE

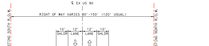
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

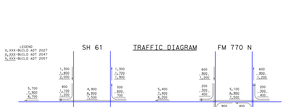
ROLL 2 OF 14

HDR
Firm Registration No. F-754
11111 Preston Road, Suite 300
Dallas, Texas 75246-1232
972.960.4400

GENERAL NOTES

1. EXISTING FEATURES WERE SURVEYED BETWEEN DECEMBER 2019 AND APRIL 2021.
2. TRAFFIC VOLUMES WERE PROVIDED BY TXDOT ON 08/01/2024.
3. ADA RAMPS AND SIDEWALK ARE DESIGNED TO TDLR TAS AND ADA STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. ADA RAMPS WILL BE DETERMINED DURING FINAL DEVELOPMENT.
4. BUILDINGS ARE SHOWN AS POTENTIAL. BUILDINGS WITHIN THE PROJECT LIMITS PHYSICALLY CONTRADICT THE EXISTING BUILDING STRUCTURE.
5. BUILDINGS ARE SHOWN AS PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING FINAL DESIGN.
6. SUPER ELEVATION AXIS OF ROTATION IS EDGE OF TRAVEL WAY, SHOWN IN THE TYPICAL SECTIONS.
7. DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
8. CURB-LESS NOTED OTHERWISE.
9. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE DERIVED FROM FEMA FLOOD INSURANCE RATE MAPS.
10. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) WILL BE PLACED AT A LATER TIME DURING FINAL DESIGN.
11. ALL DIMENSIONS ARE IN FEET.
12. GEOSPATIAL INFORMATION SHOWN ON THESE PLANS IS BASED ON TEXAS DEPARTMENT OF TRANSPORTATION, BEAUMONT DISTRICT SURVEY APPROVAL DATED SEPTEMBER 2019.
13. ALL DIMENSIONS, ELEVATIONS AND STOP CONTROLLER UNLESS OTHERWISE NOTED.
14. UTILITY CALLOUTS WITH * ON PROPOSED STATIONS ARE BASED ON EXISTING STATIONS BASED ON EXISTING SURVEY.





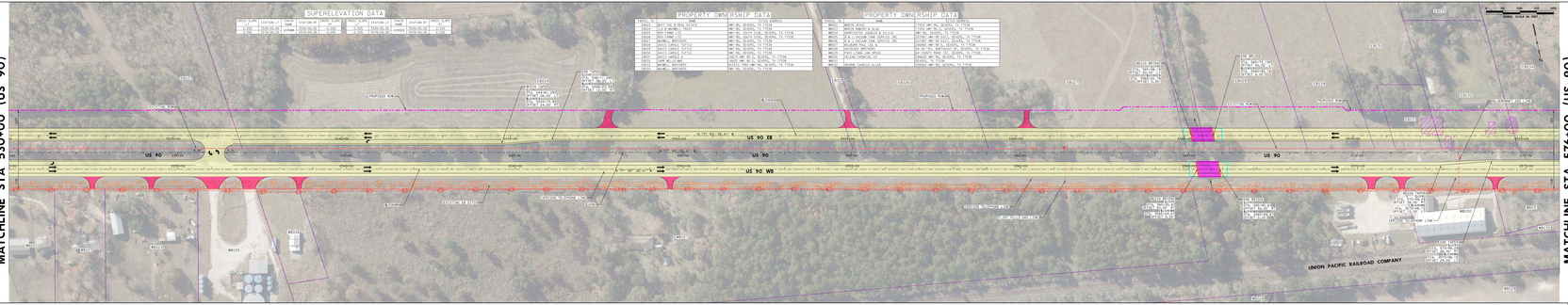
PROPOSED BRIDGE SECTION
STA. 1601+91.14 TO STA. 1603+75.19 (EASTBOUND)

PROPOSED BRIDGE SECTION
STA. 1601+91.61 TO STA. 1603+91.61 (WESTBOUND)

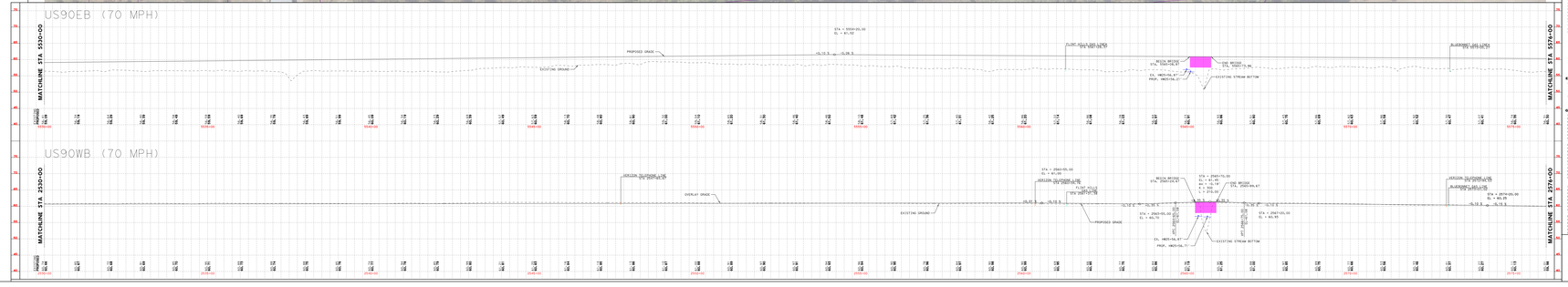
LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- PROPOSED DRAINAGE EASEMENT
- PROPOSED SAMSUT LINE
- PROPERTY LINES
- PROPOSED CHANNEL BANKS
- PROPOSED CULVERT EXTENSIONS
- PROPOSED APPROACH SLAB
- PROPOSED SUBBASE
- PROPOSED CURBED SECTIONS
- PROPOSED BRIDGE BENTS
- EXISTING CULVERTS
- 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

MATCHLINE STA 530+00 (US 90)



MATCHLINE STA 576+00 (US 90)



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LEGEND OF UTILITY TYPES

LEGEND OF UTILITY SYMBOLS