Texas Department of Transportation

© 2024 by Texas Department of Transportation; all rights reserved.

BEAUMONT DISTRICT

MARTIN GONZALEZ, P.E.
BEAUMONT DISTRICT ENGINEER

# US 90 GEOMETRIC SCHEMATIC 100% SUBMITTAL

FROM: SH 61
TO: FM 563

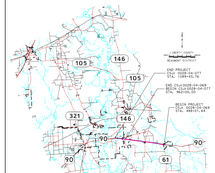
CSJ: 0028-04-069
CSJ: 0028-04-077

LIBERTY COUNTY
PROJECT LENGTH: 11.39 MILES
TERRAIN: LEVEL

| ROADWAY | FUNCTIONAL CLASSIFICATION | DESIGN SPEED | AADT |
|---|---|---|---|
| US 90 (MAIN) | PRINCIPAL ARTERIAL-OTHER | 70 MPH | [illegible] |
| FM 563 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| FM 1909 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| CR 1404 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| CR 1405 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| CR 1780 | MAJOR COLLECTOR | 55 MPH | [illegible] |

HORIZONTALLY BY STAP CONDITION

| SECTION | EXISTING AADT (2019) | AADT (LAST YEAR 2021) | AADT (DESIGN YEAR 2042) |
|---|---|---|---|
| US90 FROM PARKER TO EAST OF PARKER | 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:

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

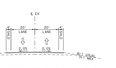
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

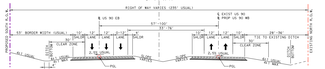
ROLL 9 OF 14

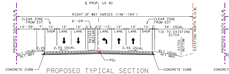
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.860.4400

GENERAL NOTES

1. EXISTING FEATURES WERE SURVEYED BETWEEN DECEMBER 2019 AND APRIL 2021.
2. TRAFFIC VOLUMES WERE PROVIDED BY TXDOT.
3. ADA RAMPS AND SIDEWALK ARE DESIGNED TO TXDOT ADA DESIGN STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE, BASED ON ADA REVIEW DETERMINED DURING PS&E DEVELOPMENT.
4. BUILDINGS ARE SHOWN AS POTENTIAL DEMOLITION. THE DESIGN DOES NOT PHYSICALLY CONTRADICT THE EXISTING BUILDING STRUCTURE.
5. BUILDINGS ARE SHOWN AS PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PS&E DEVELOPMENT.
6. SUPER ELEVATION AXIS OF ROTATION IS EQUAL TO THE LANE IS SHOWN IN THE TYPICAL SECTIONS.
7. DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE CALCULATED NOTED OTHERWISE.
8. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE SHOWN. ALL FEMA FLOOD CLEARANCE RATE MAPS.
9. CONVENTIONAL ROADWAY SIGNAGE SMALL SIGNS, LARGE SIGNS, OVERHEAD SIGNS DEVELOPED DURING THE FINAL PS&E PHASE.
10. ORIGINALLY INFORMATION SHOWN ON TRACINGS WERE PROVIDED BY TXDOT DIGITAL APPROACH PLANS DATED SEPTEMBER 2014.
11. ALL DIMENSIONS, ELEVATIONS AND STOP CONTROLLED UNLESS OTHERWISE NOTED.
12. UTILITY CALLOUTS WITH * ON PROPOSED PLANS ARE BASED ON ESTIMATED STATIONS BASED ON EXISTING SURVEY.



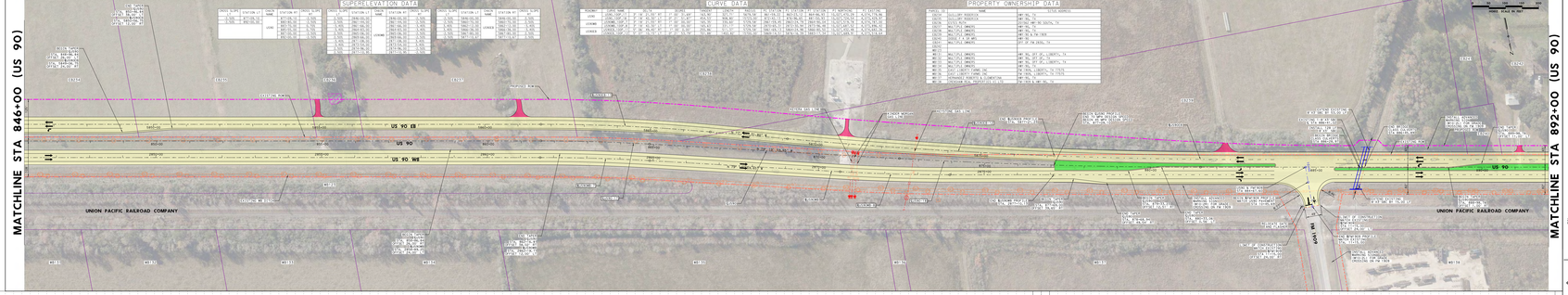



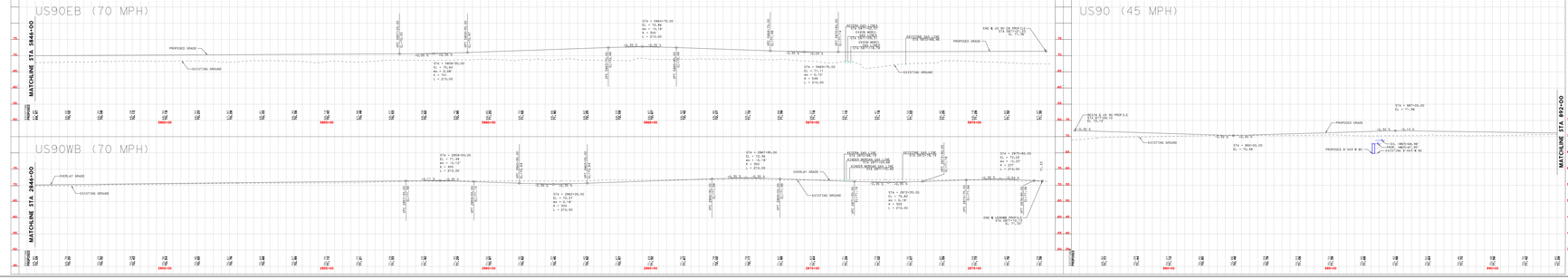
TRAFFIC DIAGRAM

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- PROPOSED DRAINAGE EASEMENT
- PROPOSED SAMUEL 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 DECKS
- PROPOSED DRAINAGE EASEMENT
- PROPOSED RAISED MEDIAN
- PAVEMENT REMOVAL
- POTENTIAL DISPLACEMENT
- FEMA FLOODWAY
- FEMA 100-YR FLOODPLAIN
- EXISTING/PROPOSED SIGNAL




Texas Department of Transportation

© 2024 by Texas Department of Transportation; all rights reserved.

BEAUMONT DISTRICT

MARTIN GONZALEZ, P.E.
BEAUMONT DISTRICT ENGINEER

US 90
GEOMETRIC SCHEMATIC
100% SUBMITTAL

FROM: SH 61
TO: FM 563

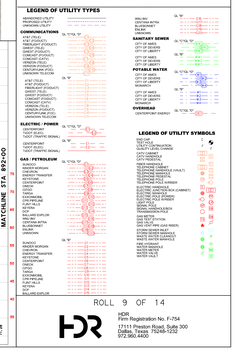
CSJ: 0028-04-069
CSJ: 0028-04-077

LIBERTY COUNTY
PROJECT LENGTH: 11.39 MILES
TERRAIN: LEVEL

| ROADWAY | FUNCTIONAL CLASSIFICATION | DESIGN SPEED | AADT |
|---|---|---|---|
| US 90 (MAIN) | PRINCIPAL ARTERIAL-OTHER | 70 MPH | [illegible] |
| FM 563 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| FM 1909 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| CR 1404 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| CR 1405 | MAJOR COLLECTOR | 55 MPH | [illegible] |
| CR 1780 | MAJOR COLLECTOR | 55 MPH | [illegible] |

HORIZONTALLY BY STAP CONDITION

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




ROLL 9 OF 14

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.860.4400