VICINITY MAP
NOT TO SCALE

Texas Department of Transportation

ENVIRONMENTAL IMPACT STATEMENT (EIS)

DRAFT

SCHEMATIC LAYOUT

AT TEA

RECOMMENDED PREFFERED ALTERNATIVE ("2014 MODIFIED 2 ALTERNATIVE")

OFFICE OF THE DISTRICT ENGINEER
PHARR DISTRICT

68
TEXAS

STATE HIGHWAY 68
HIDALGO COUNTY

PROJECT DETAILS & DESIGN CRITERIA

CSJ: 1629-01-001
LIMITS: US 83/IH 2 TO US 281/IH 69C
PROJECT CORRIDOR LENGTH: 10.62 MILES
TOTAL LENGTH OF ROADWAY IMPROVEMENTS: 8.58 MILES
TOTAL LENGTH OF BRIDGES: 2.20 MILES
TOTAL LENGTH OF BOX CULVERTS: 1.18 MILES

FUNCTIONAL CLASSIFICATION: FREEWAY
HIGHWAY TYPE: URBAN FREEWAY
SUBURBAN FRONTAGE ROAD

ADT:
US 83 TO SH 107 : 14,400 (2014)
SH 107 TO FM 1925: 7,400 (2014)
(PROP) US 83 TO SH 107: 49,000 (2035)
(PROP) SH 107 TO FM 1925: 31,000 (2035)
(PROP) FM 1925 TO I-69C/US 281: 20,400 (2035)
(ALL TRAFFIC NUMBERS ARE 2014 DHV)

DESIGN STANDARDS: TxDOT
ROADWAY DESIGN MANUAL
(OCTOBER 2014)

e_{max} = 4%

DESIGN SPEEDS:
MAINLANES: 70 MPH (38.90 MILES TOTAL)
FRONTAGE ROADS: 50 MPH (43.20 MILES TOTAL)
RAMPS: 50 MPH TO 70 MPH & VICE-VERSA (9.64 MILES TOTAL)
DIRECT CONNECTORS: 50 MPH (0.72 MILES TOTAL)
TURNAROUNDS: 15-20 MPH (0.72 MILES TOTAL)
INTERSECTING ROADS: 30-50 MPH (2.04 MILES TOTAL)

PRELIMINARY & SUBJECT TO CHANGE

NOT A BIDDING DOCUMENT

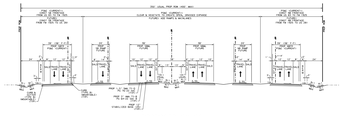
C.L. "ROY" MYNIER, PE
NAME
80070
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES
REGISTRATION NUMBER - F-3009

4711 SOUTH ALAMO ROAD
SUITE 100
EDINBURG, TEXAS 78542
(956) 460-9299

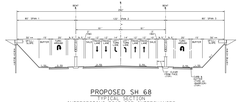
8023 VANTAGE DRIVE
SUITE 1200
SAN ANTONIO, TX 78230
(210) 785-0888

11940 JOLLYVILLE ROAD
SUITE 220S
AUSTIN, TX 78759
(512) 467-1136

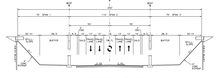


PROPOSED SH 68
TYPICAL SECTION
US 83 TO US 281

PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
(N-101, FM 2812, UNNAMED RD, FM 490 RD, KANSAS/FERGUSON RD, CARGO DR
US 83 TO US 281



PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
KANSAS/FERGUSON RD, FM 1425, EARLING RD,
TRENTON RD, WISCONSIN RD
US 83 TO US 281



PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD AT NON-INTERCHANGE
WITH OVERCROSSING BRIDGES
OMAHA/ROOSEVELT RD, ALBERTA RD, CANTON RD
US 83 TO US 281

NOTES:
1. FOR TYPICAL SUBSECTIONS NOT SHOWN REFER TO TYPICAL PAVE AND

LEGEND:

PROPOSED CONSTRUCTION
- RIGHT-OF-WAY
- CONTROLLED ACCESS
- MAINLANES
- FRONTAGE ROADS
- TURNAROUNDS
- RAMPS
- BRIDGES
- INTERSECTING ROADS
- DIRECT CONNECTORS
- DRIVEWAYS, (PRIVATE)
- BASELINE ALIGNMENT
- FRONTAGE RD ALIGNMENT
- INTERSECTING RD ALIGNMENT
- PAVEMENT MARKINGS
- PAVEMENT MARKINGS (TEMPORARY)
- EXISTING PAVEMENT TO BE TAPERED OUT OF SHAPE/CONFIGURATION
- METAL BEAM GUARD FENCE (MBGF) (PROPOSED)
- WIRE STRUT (WBGF)
- NEW PAVEMENT SLOPES FOR DRAINAGE (SEE DRAINAGE PLANS)
- RIGHT OF WAY (PROPOSED)
- LANE DIRECTION INDICATOR
- IRRIGATION LINE, ABANDONED
- IRRIGATION LINE, RELOCATED
- DRAINAGE LINE, ABANDONED
- DRAINAGE LINE, RELOCATED

POTENTIAL FUTURE CONSTRUCTION
- AIRPORT EXPANSION
- POTENTIAL ROADWAY IMPROVEMENT
- PROPOSED ELECTRIC TRANSMISSION LINE
- DRAINAGE LINE, (CHANNEL/PIPE)
- WATERWAYS
- WASTEWATER LIFT STATION
- TECHNOLOGY/ LIGHT DRAINAGE
- WATER LINE

EXISTING CONDITIONS
- CITY LIMIT
- COUNTY LINE
- IRRIGATION/WATER DISTRICT
- PROPERTY LINES
- ACCESS TO PROPERTY
- ACCESS TO PROPERTY (TEMPORARY)
- 100-YR FLOOD PLAIN
- WETLAND
- HAZARDOUS MATERIAL AREA
- CEMETERY
- CEMETERY
- COLONIAS
- LANE DIRECTION INDICATOR
- MAILBOX
- SMALL SIGN
- BILLBOARDS

NOTES:
1. THE CONTENTS OF LEGEND ON THIS SHEET MAY INCLUDE ITEMS NOT ON THIS PLAN SHEET, ITEMS NOT ON THIS PLAN SHEET, ITEMS NOT ON THIS PLAN SHEET, ITEMS NOT ON THIS PLAN SHEET.

LEGEND: CONTINUED:

EXISTING PETROLEUM FACILITIES
- GAS WELL
- GAS WELL (PLUGGED)
- OIL WELL
- OIL WELL (PLUGGED)
- GAS & OIL WELL
- GAS & OIL WELL (PLUGGED)
- GAS WELL, OIL WELL, GAS & OIL WELL (PLUGGED)
- UNKNOWN BURIED TANK

EXISTING UTILITIES
- FIBER OPTIC CABLE LINE
- FIBER OPTIC CABLE LINE
- PEDVABLE WATER LINE
- CABLE TV LINE
- HIGHER VOLTAGE ELECTRIC TRANSMISSION LINE
- TRANSMISSION TOWER
- CELL TOWER
- FIBER OPTIC CELL
- POWER VAULT
- POWER POLE
- PEDVABLE WATER TOWER/TANK
- PEDVABLE WATER
- FIRE HYDRANT
- UNKNOWN UTILITY
- UNKNOWN, BURIED & OVHD
- UNKNOWN BLUE MARKER
- UNKNOWN GREEN MARKER
- UNKNOWN YELLOW MARKER
- UNKNOWN UTILITY POLE
- GUY ANCHOR

EXISTING DRAINAGE
- DRAINAGE LINE, (CHANNEL/PIPE)
- DRAINAGE LINE, (MAINTENANCE)
- DRAINAGE INLET
- GUTTER VALVE
- DRAINAGE DITCH
- OBJECT MARKER

EXISTING IRRIGATION
- IRRIGATION CANAL
- IRRIGATION STANDPIPE

EXISTING SIGNALIZATION & ILLUMINATION
- PULLBOX
- TRAFFIC SIGNAL ARM
- CONTROLLER CABINET
- ILLUMINATION POLE

SHEET 3 OF 18