VICINITY MAP
NOT TO SCALE

Texas Department of Transportation

ENVIRONMENTAL IMPACT STATEMENT (EIS)

DRAFT

SCHEMATIC LAYOUT

AT 15+X

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
PROJECT CORRIDOR LIMITS: US 83/IH 2 TO US 281/IH 69C
PROJECT CORRIDOR LENGTH: 31.62 MILES
TOTAL LENGTH OF ROADWAY: 29.62 MILES
TOTAL LENGTH OF BRIDGES: 2.00 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

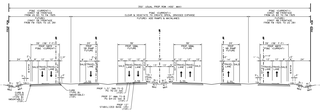
C.L. "ROY" MYNIER, PE
80098
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES
REGISTRATION NUMBER F-11309

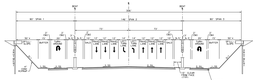
4711 SOUTH ALAMO ROAD
SUITE 100
EDINBURG, TEXAS 78542
(956) 460-9299

8023 SANTHAGE DRIVE
SUITE 100
SAN ANTONIO, TX 78230
(210) 785-0888

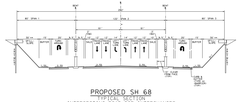
11940 JOLLYVILLE ROAD
SUITE 220S
AUSTIN, TX 78759
(512) 467-1136



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, CAMARGO RD, FM 490 RD, FM 1925, ALBERTA RD, CANTON DR)
US 83 TO US 281



PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
KANSAS/FERGUSON RD, FM 1423, EARLING RD, TRENTON RD, WISCONSIN RD
US 83 TO US 281

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

NOTES:
1. FOR TYPICAL SUBSECTIONS NOTWORT TOPOGRAPHIC
2. TYPICAL PAVE AREA

LEGEND:

PROPOSED CONSTRUCTION
- RIGHT-OF-WAY
- PROPOSED ACCESS
- MAINLANES
- FRONTAGE ROADS
- TURNAROUNDS
- RAMPS
- BRIDGES
- INTERSECTING ROADS
- DIRECT CONNECTORS
- DRIVEWAYS, GRAVEL
- BASELINE ALIGNMENT
- FRONTAGE RD ALIGNMENT
- INTERSECTING RD ALIGNMENT
- PAVED SHOULDER
- PAVED SHOULDER
- PAVED SHOULDER
- EXISTING PAVEMENT TO BE TAPER OUT TO MATCH EXISTING PAVEMENT
- METAL BEAM GUARD FENCE (MBGF) (TRIPLE RAIL)
- NOISE BARRIER
- NEW STRUT (WALL)
- NEW RAILROAD CROSS FOR DRAINAGE (BOX CULVERT EXTENSION)
- BLACK CHAIN LINK FENCE (BCLF) (TRIPLE RAIL)
- 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
- DETENTION
- WASTEWATER LIFT STATION
- TECHNOLOGICAL DRAINAGE PROJECT LIMIT

EXISTING CONDITIONS
- CITY LIMIT
- COUNTY LINE
- IRRIGATION/WATER DISTRICT
- PROPERTY LINE
- ACTIVE RAILROAD
- ABANDONED RAILROAD
- UNITED STATES DEPARTMENT OF AGRICULTURE
- 100-YR FLOOD PLAIN
- WETLAND
- HAZARDOUS MATERIAL AREA
- CEMETERY
- CEMETERY
- COLONIA
- LANE DIRECTION INDICATOR
- MAILBOX
- SMALL SIGN
- BILLBOARDS

* SEE ENVIRONMENT OF LEGEND ON PROJECT SHEETS FOR ADDITIONAL INFORMATION, INCLUDING FACILITIES, SIGNS, ROADWAY, ROW, ENVIRONMENTAL, AND OTHER EXISTING CONDITIONS

LEGEND: CONTINUED:

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

EXISTING UTILITIES
- ELECTRIC LINE
- FIBER OPTIC CABLE LINE
- POTABLE WATER LINE
- CABLE TV LINE
- WELDER PATRONAGE ELECTRIC (PROPOSED LINE)
- TRANSMISSION TOWER
- CELL TOWER
- FIBER OPTIC CELL
- POWER VAULT
- FIBER OPTIC VAULT
- POTABLE WATER TOWER/TANK
- POTABLE WATER
- FIRE HYDRANT
- UNKNOWN UTILITY
- UNKNOWN, BURIED & SIGNED
- UNKNOWN BLUE MARKER
- UNKNOWN YELLOW MARKER
- UNKNOWN YELLOW MARKER
- UNKNOWN UTILITY POLE
- GUY ANCHOR

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

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

EXISTING IRRIGATION
- IRRIGATION CANAL
- IRRIGATION STANDPIPE

SHEET 16 OF 18