VICINITY MAP
NOT TO SCALE

Texas Department of Transportation

ENVIRONMENTAL IMPACT STATEMENT (EIS)

DRAFT

SCHEMATIC LAYOUT

AT 10+0

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: 31.62 MILES
TOTAL LENGTH OF ROADWAY: 31.62 MILES
TOTAL LENGTH OF BRIDGES: 2.30 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: 14,600 (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} = 4.5%

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

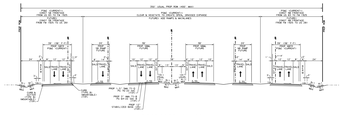
C.L. "ROY" MYNIER, PE
80030
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES, INC.
REGISTRATION NUMBER F-10291

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

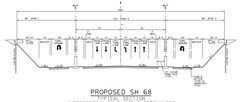
8023 VANTAGE DRIVE
SUITE 1200
SAN ANTONIO, TX 78230
(210) 785-0888

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

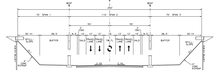


PROPOSED SH 68
TYPICAL SECTION
US 83 TO US 281

PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERPASSING BRIDGES
(N-101, FM 2812, UNNAMED RD, FM 490 RD, FM 1925, FM 1427, CARGO DR
US 83 TO US 281



PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERPASSING BRIDGES
KANSAS/FERGUSON RD, FM 1427, EARLING RD,
TRENTON RD, WISCONSIN RD
US 83 TO US 281



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

NOTES:
1. FOR TYPICAL SUBDIVISIONS WITHOUT TURNAROUNDS
TO TYPICAL PAVE AREA

LEGEND:

PROPOSED CONSTRUCTION
- RIGHT-OF-WAY
- PROPOSED ACCESS
- MAINLANES
- FRONTAGE ROADS
- TURNAROUNDS
- RAMPS
- BRIDGES
- INTERSECTING ROADS
- DIRECT CONNECTORS
- DRIVEWAYS, (PAVED)
- BASELINE ALIGNMENT
- FRONTAGE RD ALIGNMENT
- INTERSECTING RD ALIGNMENT
- PAVED CONSTRUCTION
- PAVED & UNPAVED CONSTRUCTION
- PAVED & UNPAVED
- EXISTING PAVEMENTS TO BE TAKEN OUT OF SERVICE/ABANDONED
- MESH, WIRE GUARD FENCE (TYPE-CATTLE GUARD)
- WIRE STRUT FABRIC
- BRIDGE RAILINGS FOR DRAINAGE STRUCTURES (PEDESTRIAN)
- BRIDGE RAILINGS (PEDESTRIAN)
- 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, DRAINAGE STRUCTURE, LIFT

EXISTING GENERAL
- CITY LIMIT
- COUNTY LINE
- IRRIGATION/WATER DISTRICT
- PROPERTY LINE
- WATER LINE (PUBLIC/PRIVATE)
- WATER WELL (PUBLIC/PRIVATE)
- 100 YR FLOOD PLAIN
- WETLAND
- HAZARDOUS MATERIAL AREA
- CEMETERY
- CEMETERY
- COLONIA
- LANE DIRECTION INDICATOR
- MAILBOX
- SMALL SIGN
- BILLBOARDS

NOTES:
1. THE CROSSHAIRS OF LEGEND ON PLAN SHEETS INDICATE ALIGNMENT OF PROPOSED SH 68 MAINLANE, FRONTAGE ROADS, RAMPS, DIRECT CONNECTORS, TURNAROUNDS, AND INTERSECTING ROADS.

SHEET 4 OF 18

LEGEND: CONTINUED

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

EXISTING UTILITIES
- TELEPHONE LINE
- FIBER OPTIC CABLE LINE
- PEDABLE WATER LINE
- CABLE TV LINE
- MAJOR OVERHEAD ELECTRIC TRANSMISSION LINE
- TRANSMISSION TOWER
- CELL TOWER
- FIBER OPTIC CELL
- POWER VAULT
- TELEPHONE VAULT
- PEDABLE WATER TOWER/TANK
- PEDABLE WATER
- LINE VAUNAT
- UNKNOWN UTILITY
- UNKNOWN, BURIED BOXES
- 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 DITCH
- GUTTER VALVE
- DRAINAGE DITCH
- INLET MARKER

EXISTING IRRIGATION
- IRRIGATION CANAL
- IRRIGATION STANDPIPE

SHEET 4 OF 18