VICINITY MAP
NOT TO SCALE

Texas Department of Transportation

ENVIRONMENTAL IMPACT STATEMENT (EIS)

DRAFT

SCHEMATIC LAYOUT

AT 100'

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: 3629-01-001
LIMITS: US 83/IH 2 TO US 281/IH 69C
PROJECT CORRIDOR LENGTH: 20.62 MILES
TOTAL LENGTH OF ROADWAY: 18.62 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

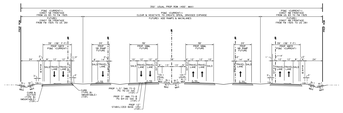
C.L. "ROY" MYNIER, PE
80598
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES, LTD.
REGISTRATION NUMBER F-10291

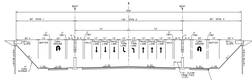
4711 SOUTH ALAMO ROAD
SUITE 100
EDINBURG, TEXAS 78542
(956) 460-9299

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

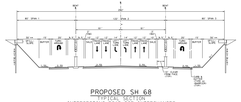
11940 JOLLYVILLE ROAD
SUITE 220S
AUSTIN, TX 78759
(512) 467-1136



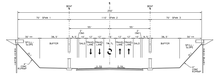
PROPOSED SH 68
TYPICAL SECTION
US 83 TO US 281



PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERPASSING BRIDGES
US 107, FM 2812, UNNAMED RD,
FM 490 RD, MILLER RD, SOUTH CARGO DR
US 83 TO US 281



PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERPASSING 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 OVERPASSING BRIDGES
OMAHA/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
LIMITED ACCESS
MAINLANES
FRONTAGE ROADS
TURNAROUNDS
RAMPS
BRIDGES
INTERSECTING ROADS
DRIVEWAYS (PRIVATE)
DRIVEWAYS (PUBLIC)
BASELINE ALIGNMENT
FRONTAGE RD ALIGNMENT
INTERSECTING RD ALIGNMENT
PAVEMENT CONSTRUCTION
PAVEMENT REHABILITATION
PAVEMENT MARKING
EXISTING PAVEMENT TO BE TAKEN OUT OF SERVICE/ABANDONED
METAL BEAM GUARD FENCE (MBGF) (PROPOSED)
NOISE BARRIER
NON RAILWAY CROSS FOR DRAINAGE (NRCD) (PROPOSED)
RIGHT OF WAY MONUMENT (PROPOSED)
LANE DIRECTION INDICATOR
IRRIGATION LINE, ABANDONED
IRRIGATION LINE, RELOCATED
DRAINAGE LINE, ABANDONED
DRAINAGE LINE, RELOCATED

POTENTIAL FUTURE CONSTRUCTION
AIRPORT EXPANSION
POTENTIAL RAILWAY IMPROVEMENT
PROPOSED ELECTRIC TRANSMISSION LINE
DRAINAGE LINE, CHANNEL/PIPE
WATERWAYS
WW WASTEWATER LIFT STATION
DRAINAGE/FLOOD CONTROL LINE

EXISTING TERRAIN
CITY LIMIT
COUNTY LINE
IRRIGATION/WATER DISTRICT
PROPERTY LINE
WATER BODY (RIVERS, LAKES, STREAMS)
WATER LINE (WATER DISTRIBUTION)
100-YR FLOOD PLAIN
WETLAND
HAZARDOUS MATERIAL AREA
CEMETERY
COLONIA
LANE DIRECTION INDICATOR
MAILBOX
SMALL SIGN
BILLBOARD

NOTES:
1. ALL DIMENSIONS ARE LISTED ON THE PLAN SHEETS, EXCEPT FOR ROADWAY CROSS SLOPES, WHICH ARE LISTED ON THE TYPICAL SECTION SHEETS.
2. ALL DIMENSIONS ARE IN FEET.

LEGEND: CONTINUED

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

EXISTING UTILITIES
FIBER OPTIC
FIBER OPTIC CABLE LINE
POTABLE WATER LINE
CABLE TV LINE
MAJOR OVERHEAD ELECTRIC TRANSMISSION LINE
TRANSMISSION TOWER
CELL TOWER
FIBER OPTIC CELL
POWER VAULT
TELEPHONE VAULT
POTABLE WATER TOWER/TANK
POTABLE WATER
FIRE HYDRANT
UNKNOWN UTILITY
UNKNOWN, BURIED & SIGNED
UNKNOWN BLUE MARKER
UNKNOWN GAS MARKER
UNKNOWN, GAS VENT 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 7 OF 18