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: 21.62 MILES
TOTAL LENGTH OF ROADWAY LANES: 43.24 MILES
TOTAL LENGTH OF BRIDGES: 2.31 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

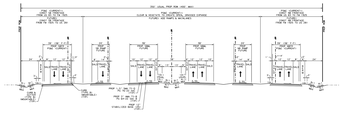
C.L. "ROY" MYNIER, PE
80030
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES, INC.
REGISTRATION NUMBER - F-10549

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

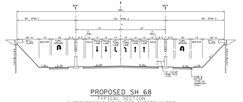
8023 SANTRADE DRIVE
SUITE 200
SAN ANTONIO, TX 78230
(210) 785-0888

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

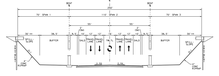


PROPOSED SH 68
TYPICAL SECTION
US 83 TO US 281

PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
US 107, FM 2812, UNNAMED RD,
FM 490 RD, RIO GRANDE CITY RD, MARGO DR
US 83 TO US 281

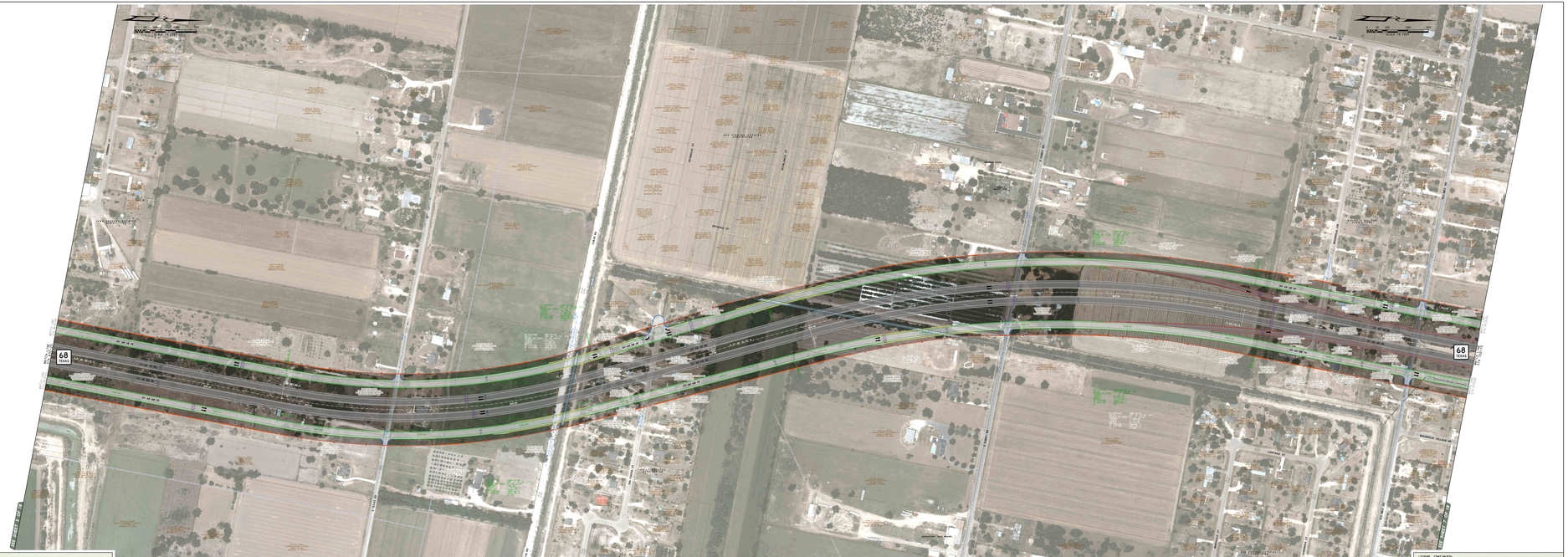


PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
KANSAS/FERGUSON RD, FM 1423, EARLING RD,
TRENTON RD, WISCONSIN RD
US 83 TO US 281



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 SUBDIVISIONS WITHOUT TURNAROUNDS
TO TYPICAL PAVE AREA



LEGEND:

PROPOSED CONSTRUCTION
- RIGHT-OF-WAY
- PROPOSED EXCESS
- MAINLANE
- FRONTAGE ROADS
- TURNAROUNDS
- RAMPS
- BRIDGES
- INTERSECTING ROADS
- DIRECT CONNECTORS
- DRIVEWAYS, (PAVED)
- BASELINE ALIGNMENT
- FRONTAGE RD ALIGNMENT
- INTERSECTING RD ALIGNMENT
- PAVED PROPOSED
- PAVED EXISTING
- PAVED ALTERNATE
- CLEAR ZONE (WITH 10 FOR TRAFFIC OUT OF QUARTER-CURVATURE)
- METAL BEAM GUARD FENCE (MBGF) (PROPOSED)
- NEW STRUT (NBGF)
- NEW RAILINGS (USED FOR DRAINAGE STRUCTURES, PEDESTRIANS)
- BLUE-TOP DRIVEWAY MARKERS (PROPOSED ROADWAY ONLY)
- 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/ALL DRAINAGE PROJECT LIST

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

NOTES:
1. ALL DIMENSIONS ARE ESTIMATED ON ASBUILT PLANS, PLANS FOR ROW, ROW MAPS, ROW FIELD NOTES, ROW CONTROL SURVEY, AERIAL PHOTOGRAPHY, AND ROW DRAWINGS.
2. ROW DIMENSIONS ARE ESTIMATED.

LEGEND: CONTINUED:

EXISTING PETROLEUM FACILITIES
- GAS WELL
- GAS WELL (PLUGGED)
- OIL WELL
- OIL WELL (PLUGGED)
- GAS & OIL WELL
- GAS & OIL WELL (PLUGGED)
- TOP & BOTTOM HOLE LOCATIONS OF DIRECTIONAL WELLS
- UNKNOWN BURIED TANK

EXISTING UTILITIES
- ELECTRICAL
- FIBER OPTIC CABLE LINE
- POTABLE WATER LINE
- CABLE TV LINE
- NEUTRAL OVERHEAD ELECTRICAL TRANSMISSION LINE
- TRANSMISSION TOWER
- CELL TOWER
- FIBER OPTIC CELL
- POWER VAULT
- TELEPHONE VAULT
- POTABLE WATER TOWER/TANK
- POTABLE WATER
- FIRE HYDRANT
- UNKNOWN UTILITY
- UNKNOWN PIPELINE SIGNER
- 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