VICINITY MAP
NOT TO SCALE

Texas Department of Transportation

ENVIRONMENTAL IMPACT STATEMENT (EIS)

DRAFT

SCHEMATIC LAYOUT

AT THE

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: 20.62 MILES
TOTAL LENGTH OF ROADWAY: 20.62 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 IH 107 : 14,400 (2014)
IH 107 TO FM 1925: 7,400 (2014)
(PROP) US 83 TO IH 107: 49,000 (2035)
(PROP) IH 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: 30-50 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

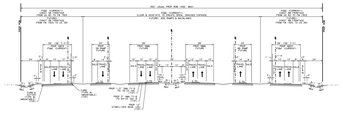
C.L. "ROY" WYNNE, PE
80078
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES, INC.
REGISTRATION NUMBER F-2309

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

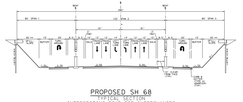
8023 SANTRADE DRIVE
SAN ANTONIO, TX 78230
(210) 785-0888

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



PROPOSED SH 68
TYPICAL SECTION
US 83 TO US 281

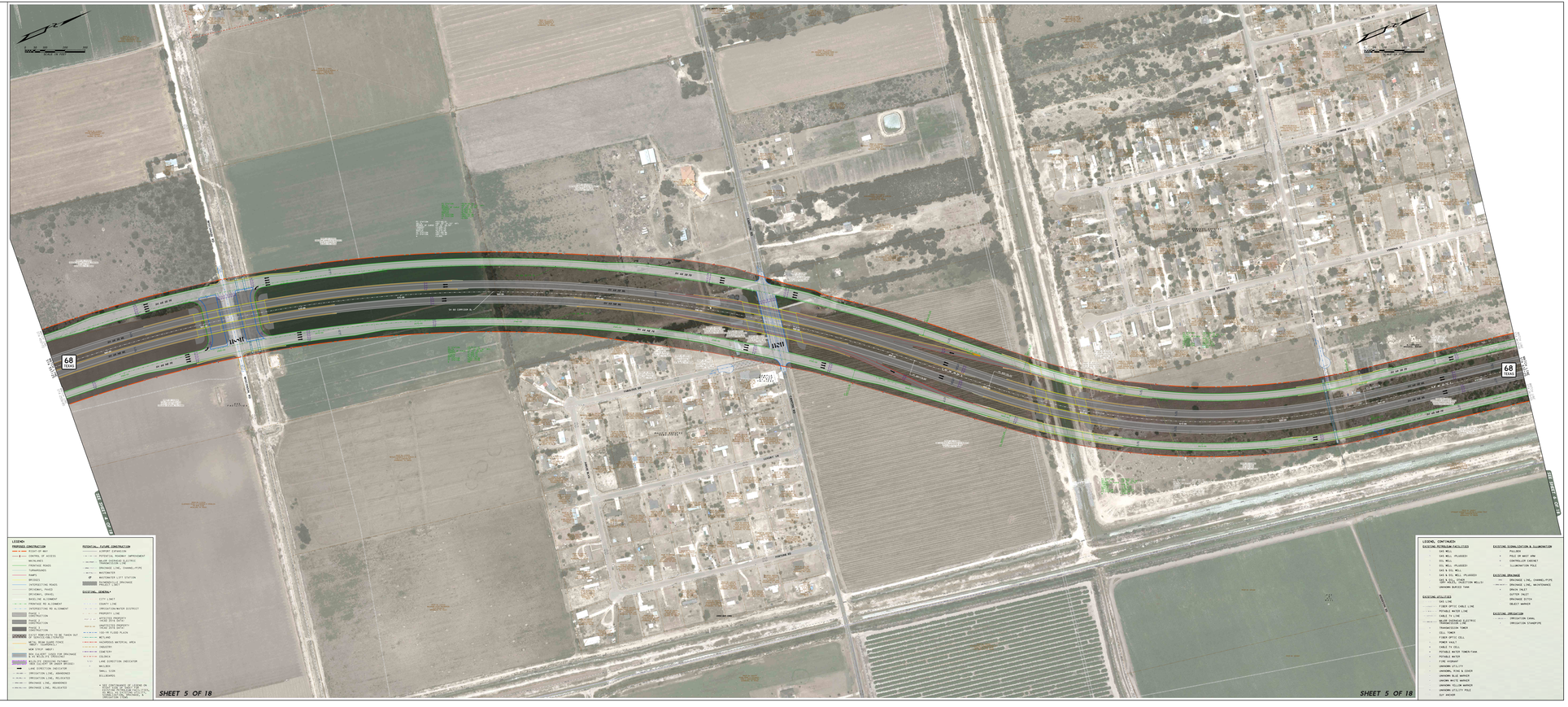
PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
FM 1925, FM 2812, CAMARGO RD,
FM 490 RDG, MILTON ROY, CARGO DR
US 83 TO US 281



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 NOTWALL TOPWORKS
2. FOR TYPICAL PAVE AREA



LEGEND:

PROPOSED CONSTRUCTION
RIGHT-OF-WAY
CONTROL OF ACCESS
MAINLANES
FRONTAGE ROADS
TURNAROUNDS
RAMPS
BRIDGES
INTERSECTING ROADS
(FM 1925, FM 2812, CAMARGO, DRAKE)
BASELINE ALIGNMENT
FRONTAGE RD ALIGNMENT
INTERSECTING RD ALIGNMENT
PAVE AREA
PAVE AREA
PAVE AREA
EXISTING MAINLANES TO BE TAKEN OUT OF SERVICE/ABANDONED
METAL BEAM GUARD FENCE (MBGF) (PROPOSED)
NEW STRUT (NBGF)
NEW RAILROAD CROSS FOR DRAINAGE (RCDG) (PROPOSED)
BLUE ELEC. DRIVEN POST (BEDP) (PROPOSED) (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 ELEVATED ELECTRIC TRANSMISSION LINE
DRAINAGE LINE, CHANNEL/PIPE
WATERWELL
WASTEWATER LIFT STATION
TECHNOLOGY/ALL DRAINAGE (ALL DRAINAGE LINE)

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

NOTES:
1. THE CONTINUANCE OF LEGEND ON EXISTING UTILITIES, EXISTING DRAINAGE, EXISTING IRRIGATION, EXISTING SIGNALIZATION & ILLUMINATION, EXISTING GENERAL, EXISTING CONSTRUCTION, EXISTING TRAFFIC, EXISTING TRAFFIC, EXISTING TRAFFIC