VICINITY MAP
NOT TO SCALE

Texas Department of Transportation

ENVIRONMENTAL IMPACT STATEMENT (EIS)

DRAFT

SCHEMATIC LAYOUT

AT 10.4

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: 19.62 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

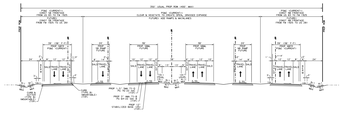
C.L. "ROY" WYNNE, PE
80070
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES
REGISTRATION NUMBER F-13391

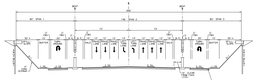
4711 SOUTH ALAMO ROAD
SUITE 100
EDINBURG, TEXAS 78542
(956) 460-9299

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

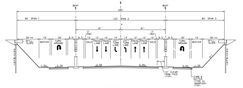
11940 JOLLYVILLE ROAD
SUITE 220S
AUSTIN, TX 78759
(512) 467-1136



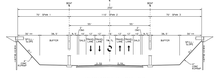
PROPOSED SH 68
TYPICAL SECTION
US 83 TO US 281



PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
US 281, FM 2818, EXPWAYS RD,
FM 490 RD, FM 1925, SH 107, CARGO DR
US 83 TO US 281

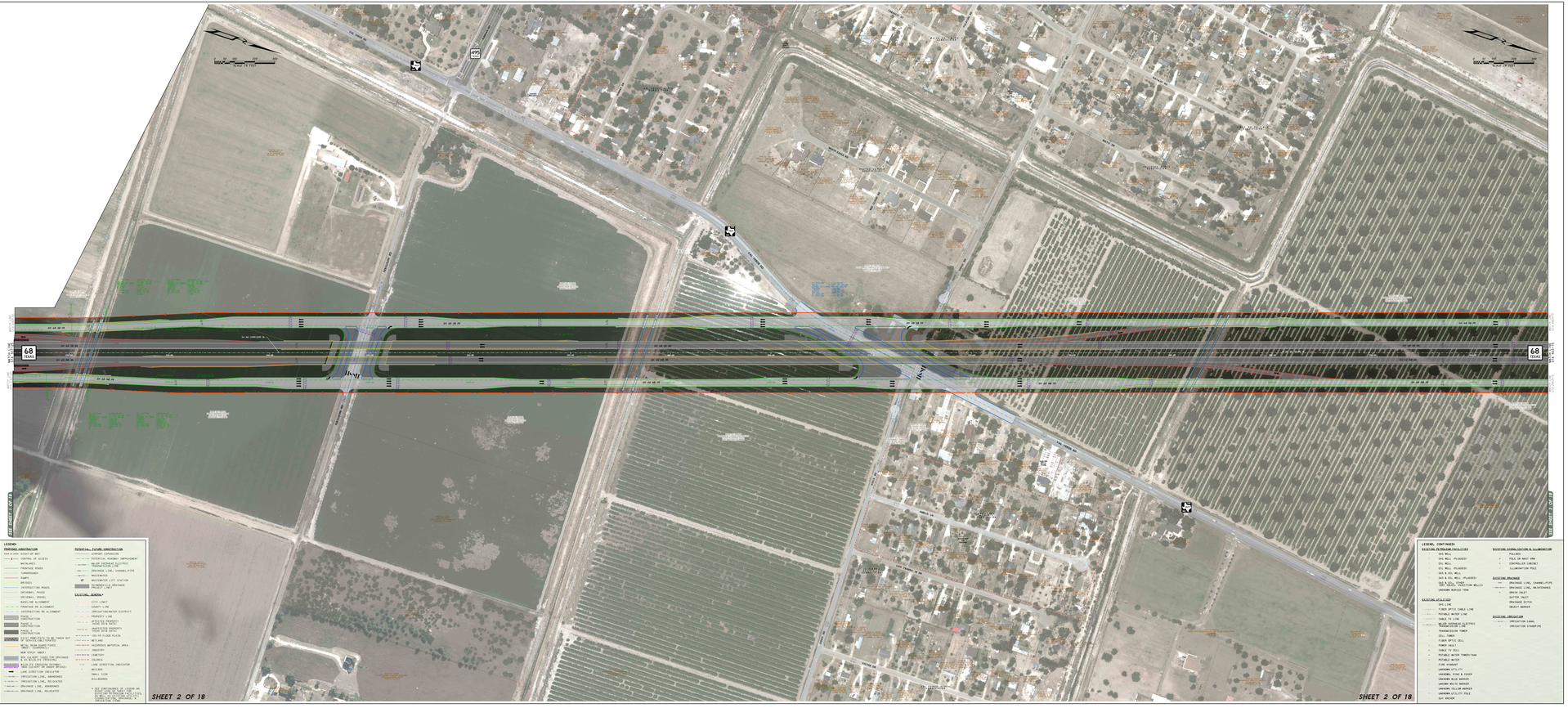


PROPOSED SH 68
TYPICAL SECTION
INTERSECTING ROAD FOR INTERCHANGES
WITH OVERCROSSING BRIDGES
KANSAS/FERGUSON RD, FM 1423, EARLING RD,
TRENTON RD, WISCONSIN RD
US 83 TO US 281



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 SUBDIVISIONS WITHOUT TURNAROUNDS
TO TYPICAL PAVE AREA



LEGEND:

PROPOSED CONSTRUCTION
- RIGHT-OF-WAY
- PROPOSED EXISTING
- MAINLANES
- FRONTAGE ROADS
- TURNAROUNDS
- RAMPS
- BRIDGES
- INTERSECTING ROADS
- DIRECT CONNECTORS
- DRIVEWAYS, (PAVED)
- BASELINE ALIGNMENT
- FRONTAGE RD ALIGNMENT
- INTERSECTING RD ALIGNMENT
- PAVED SHOULDER
- PAVED SHOULDER
- PAVED SHOULDER
- EXISTING RIGHT-OF-WAY TO BE TAKEN OUT OF QUALIFIED LIVESTOCK
- MESH, BARB SLAVE FENCE
- WILDLIFE FENCE
- NEW STRUT CONNECT
- NEW RAILROAD CROSS FOR DRAINAGE
- NEW RAILROAD CROSSING
- BLUE FILL DRAINAGE ALIGNMENT
- 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
- TECHNOLOGICAL DRAINAGE PROJECT LIST

EXISTING GENERAL
- CITY LIMIT
- COUNTY LINE
- IRRIGATION/WATER DISTRICT
- PROPERTY LINE
- WATER BODIES (LAKES, RIVERS, STREAMS)
- UNITED STATES DEPARTMENT OF AGRICULTURE
- 100-YR FLOOD PLAIN
- WETLAND
- HAZARDOUS MATERIAL AREA
- CEMETERY
- CEMETERY
- COLONIA
- LANE DIRECTION INDICATOR
- MAILBOX
- SMALL SIGN
- BILLBOARDS

SEE SHEETNOTE OF LEGEND ON FIRST SHEET FOR ADDITIONAL ITEMS, SUCH AS, PIPE, PIPE FITTINGS, VALVES, FIRE HYDRANTS, SIGNS, IRRIGATION PIPE, ETC.

LEGEND, CONTINUED:

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

EXISTING UTILITIES
- FIBER OPTIC CABLE LINE
- POTABLE WATER LINE
- CABLE TV LINE
- NEGIR (NATIONAL ELECTRIC GRID INTERCONNECT)
- TRANSMISSION TOWER
- CELL TOWER
- FIBER OPTIC CELL
- POWER VAULT
- TELEPHONE VAULT
- POTABLE WATER TOWER/TANK
- POTABLE WATER
- FIRE HYDRANT
- UNKNOWN UTILITY
- UNKNOWN, PUBLIC & OTHER
- UNKNOWN BLUE MARKER
- UNKNOWN YELLOW MARKER
- UNKNOWN YELLOW MARKER
- UNKNOWN UTILITY POLE
- GUY ANCHOR

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

EXISTING DRAINAGE
- DRAINAGE LINE, (CHANNEL/PIPE)
- DRAINAGE LINE, MAINTENANCE
- DRAINAGE DITCH
- GUTTER VALVE
- DRAINAGE DITCH
- VALVE MARKER

EXISTING IRRIGATION
- IRRIGATION CANAL
- IRRIGATION STANDPIPE