VICINITY MAP

Texas Department of Transportation

ENVIRONMENTAL IMPACT STATEMENT (EIS)

DRAFT

SCHEMATIC LAYOUT

of 18#

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: 21.62 MILES
TOTAL LENGTH OF ROADWAYS: 19.60 MILES
TOTAL LENGTH OF BRIDGES: 2.01 MILES
TOTAL LENGTH OF BOX CULVERTS: 1.18 MILES

FUNCTIONAL CLASSIFICATION: FREEWAY
HIGHWAY TYPE: MAIN FREEWAY
SUBURBAN FRONTAGE ROAD

ADT:
US 83 TO SH 107: 14,600 (2016)
SH 107 TO FM 1925: 7,400 (2016)
(PROP) US 83 TO SH 107: 48,000 (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 2016 DHV)

DESIGN STANDARDS: TxDOT
ROADWAY DESIGN MANUAL (OCTOBER 2014)

e_{max} = 6%

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 (9.66 MILES TOTAL)
DIRECT CONNECTORS: 45 MPH (0.46 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

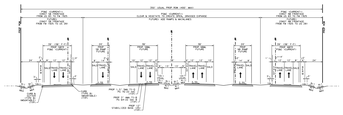
C.L. "ROY" MYNIER, PE
82028
TEXAS REGISTRATION NUMBER
4/4/2018
DATE

RJ RIVERA ASSOCIATES
ENGINEERING MINDS. PLANS.

4711 SOUTH ALAMO ROAD
SUITE 106
EDINBURG, TEXAS 78542
(956) 460-9099

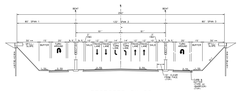
8023 SANTAVIDE DRIVE
SUITE 210
SAN ANTONIO, TX 78230
(210) 785-0888

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
FM 1017, FM 2812/ CHAMIZAL RD,
FM 490/ RED ROCK RD, MILITARY HIGHWAY 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
OBASOLA/ROOSEVELT RD, ALBERTA RD, CANTON RD
US 83 TO US 281

NOTES:
1. FOR TYPICAL OVERPASSING ROADWAY TURNAROUNDS
2. FOR TYPICAL FRAME GRID

LEGEND:

PROPOSED CONSTRUCTION
- RIGHT-OF-WAY
- CONTROL OF ACCESS
- MAINLANES
- FRONTAGE ROADS
- TURNAROUNDS
- RAMPS
- BRIDGES
- INTERSECTING ROADS
- DIRECT CONNECTS
- DRIVEWAYS, PAVED
- BASELINE ALIGNMENT
- FRONTAGE RD ALIGNMENT
- INTERSECTING RD ALIGNMENT
- PAVING
- PHASE 1 CONSTRUCTION
- PHASE 2 CONSTRUCTION
- EXISTING ROADWAYS TO BE TAKEN OUT OF SERVICE/ABANDONED
- METAL BEAM GUARD FENCE (MBGF) OR CONCRETE BARRIER
- NOISE BARRIER
- RCB, CULVERTS USED FOR DRAINAGE OR WILDLIFE CROSSING
- BLUE LINE (DRAINAGE FEATURES) OR BLACK LINE (NON-DRAINAGE)
- 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 (CHANNEL/PIPE)
- DETENTION
- WASTEWATER LIFT STATION
- TECHNOLOGY/DRAINAGE PROJECT LIMITS

EXISTING GENERAL
- CITY LIMIT
- COUNTY LINE
- IRRIGATION/WATER DISTRICT
- PROPERTY LINES
- RAILROAD (ACTIVE) RAILROAD (INACTIVE)
- 100-YR FLOOD PLAIN
- WETLAND
- HAZARDOUS MATERIAL AREA
- CEMETERY
- COLONIAS
- LANE DIRECTION INDICATOR
- MAILBOX
- SMALL SIGN
- BILLBOARDS

SEE SPECIFICATIONS OR LEGEND ON SHEET 14 FOR OTHER UTILITIES, DRAINAGE, SIGNALIZATION, & ILLUMINATION, & "EXISTING TOPOGRAPHY" & "IRRIGATION FEATURES"

LEGEND: (CONTINUED)

EXISTING PETROLEUM FACILITIES
- GAS WELL
- GAS & OIL WELL (PLUGGED)
- OIL WELL
- OIL WELL (PLUGGED)
- GAS & OIL WELL
- GAS & OIL WELL (PLUGGED)
- TEST HOLE, TEMPORARY WELL, OR SOIL BORING
- UNKNOWN BURIED TANK

EXISTING UTILITIES
- FIBER OPTIC CABLE LINE
- POTABLE WATER LINE
- CABLE TV LINE
- WATER PIPELINE (ELEVATED OR BURIED)
- TRANSMISSION TOWER
- CELL TOWER
- FIBER OPTIC CELL
- POWER VAULT
- GAS VALVE/METER
- POTABLE WATER TOWER/TANK
- POTABLE WATER
- FIRE HYDRANT
- UNKNOWN UTILITY
- UNKNOWN, BURIED LINE
- UNKNOWN BLUE MARKER
- UNKNOWN GREEN 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
- CULVERT
- GUTTER INLET
- DRAINAGE DITCH
- OBJECT MARKER

EXISTING IRRIGATION
- IRRIGATION CANAL
- IRRIGATION STANDPIPE

SHEET 14 OF 18