TEXAS DEPARTMENT OF TRANSPORTATION
US 79
WILLIAMSON COUNTY

TUCKER FERGUSON, P.E. - AUSTIN DISTRICT ENGINEER
File # 0200-01-083

US 79 GEOMETRIC DESIGN SCHEMATIC

ADT (2017)= 36,814 PROJECTED ADT (2044)= 56,000

LIMITS:
FROM IH 35 TO EAST OF FM 1460
FROM STA 96+36.70 TO STA 227+87.00

NET LENGTH OF PROJECT = 11,122.29 FEET = 2.49 MILES
TO,REMOVE FEET = 0.38 MILES
BRIDGE
DEL,TA FEET = 0.11 MILES
(21,444+43.50 FEET)

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
US 79	URBAN PRINCIPAL ARTERIAL	45 MPH
FRONTAGE ROADS	MAJOR COLLECTOR	45 MPH
SP 379 (N WAYS STREET)	MINOR ARTERIAL	40 MPH
HERITAGE CENTER CIRCLE	LOCAL STREET	30 MPH
EGGER AVENUE	MINOR COLLECTOR	30 MPH
GEORGETOWN STREET	MAJOR COLLECTOR	30 MPH
SUNRISE ROAD	MAJOR COLLECTOR	30 MPH
PROVIDENT LANE	LOCAL STREET	25 MPH
FM 1460 (A,W,GRIMES BLVD)	URBAN PRINCIPAL ARTERIAL (SOUTH) URBAN MINOR ARTERIAL (NORTH)	45 MPH
CONNECTOR RAMP (CLOVERLEAF)	MAJOR COLLECTOR	25 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 4%

BEGIN PROJECT
END PROJECT

LOCATION MAP

EXISTING: NONE
PROPOSED: NONE
RELOCATED: NONE

SURVEY DATA: TEXAS CENTRAL ZONE NAD83 - WILLIAMSON COUNTY
ADJUSTED TO SURFACE DISTORTION

PRELIMINARY
SUBMITTED FOR REVIEW BY:
TIM RAY, P.E. 06/26/2018
P.E. NO. DATE
SIGNATURE
TEXAS DEPARTMENT OF TRANSPORTATION

DESIGN STANDARDS USED
TEXAS HIGHWAY DESIGN MANUAL, 2014
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2011
TEXAS ACCESSIBILITY STANDARDS, 2012

NOT A BIDDING DOCUMENT

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT
RECOMMENDED BY: RECOMMENDED BY:

DISTRICT PROJECT MANAGEMENT ENGINEER
DISTRICT DESIGN ENGINEER

RICHARD A. MARTIN, P.E.
P.E. NO. 78,000

RECOMMENDED BY: APPROVED BY:

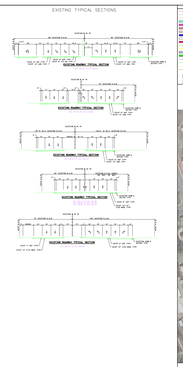
AREA ENGINEER
DIRECTOR, TRANSPORTATION DESIGN DIVISION

DRAFT US 79 GEOMETRIC DESIGN SCHEMATIC
WILLIAMSON COUNTY
CSJ 0200-01-083

SHEET 1 OF 2
7/24/2018

US 79

EXISTING TYPICAL SECTIONS



LEGEND
EXISTING RIGHT OF WAY
EXISTING PARCEL LINES
EXISTING CURB
EXISTING PAVEMENT MARKING
EXISTING CONCRETE PAVEMENT
PROPOSED RAMP
PROPOSED RAMP
PROPOSED RAMP