TEXAS DEPARTMENT OF TRANSPORTATION
DRAFT DESIGN SCHEMATIC
WILLIAMSON COUNTY

TUCKER FERGUSON,P.E. - AUSTIN DISTRICT ENGINEER
FEDERAL AID PROJECT NUMBER

CSJ: 0080-13-055

US 79

RECONSTRUCT ROADWAY, BRIDGES AND INTERSECTION.

SCHEMATIC LIMITS

FROM IH 35 TO EAST OF FM 1460 (AM GRIMES)
FROM STA 96+19.00 TO STA 229+30.00

NET LENGTH OF PROJECT: 13,311 FT = 2.52 MI

ROADWAY
13,924.33 FT = 2.39 MI
BRIDGE (IH 35 NBFR)
1,062.67 FT = 0.02 MI
BRIDGE PROPOSED
560.00 FT = 0.11 MI

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
US 79	URBAN PRINCIPAL ARTERIAL	45 MPH
FRONTAGE ROADS	MAJOR COLLECTOR	45 MPH
SP 379 (N MAYS ST)	MINOR ARTERIAL	40 MPH
HERITAGE CENTER CIRCLE	LOCAL STREET	25 MPH
EGGER AVENUE	MINOR COLLECTOR	30 MPH
GEORGETOWN STREET	MAJOR COLLECTOR	30 MPH
SUNRISE ROAD	MAJOR COLLECTOR	35 MPH
PROVIDENT LANE	LOCAL STREET	25 MPH
FM 1460 (AM GRIMES BLVD)	URBAN PRINCIPAL ARTERIAL (SOUTH)	40 MPH
	URBAN MINOR ARTERIAL (NORTH)	

DISPLACE LEFT TURN — 35 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%
TERRAIN=ROLLING

TRAFFIC DATA
ADT 2027 = #####
ADT 2047 = #####



BEARING BASIS: NAD83, TEXAS STATE PLANE, CENTRAL ZONE, US SURVEY FEET.

COORDINATES FOR THIS PROJECT ARE SURFACE VALUES BASED ON A COMBINED SCALE FACTOR OF 1.00013 AND ARE BASED ON VERTICAL DATUM NAVD88, NORTH AMERICA DATUM OF 1983

DESIGN STANDARDS USED:
TXDOT ROADWAY DESIGN MANUAL, 2024
TXDOT HYDRAULIC DESIGN MANUAL, 2019
TRB HIGHWAY CAPACITY MANUAL, 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES, 2011

0 100 200 300
H: 1"=100'

PRELIMINARY
THIS PRINT IS FURNISHED FOR INFORMATION ONLY.
IT IS NOT TO BE USED FOR BIDDING OR CONSTRUCTION PURPOSES.
PUBLIC RELEASE OF THIS DOCUMENT IS NOT AUTHORIZED BY FHWA.

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF TRUPE S. TUTTLE, P.E. 104636. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

NOT A BINDING DOCUMENT UNTIL SIGNED

RECOMMENDED BY:	DATE:	RECOMMENDED BY:	DATE:
DESIGN ENGINEER OF RECORD		DISTRICT DESIGN ENGINEER	
RECOMMENDED BY:	DATE:	APPROVED BY:	DATE:
AREA ENGINEER		DIRECTOR, TRANSPORTATION PLANNING & DEVELOPMENT	

SCOTT T. TUTTLE
P.E. # - 104636
PROJECT MANAGER

DIST	COUNTY	SHEET	CONTROL
AUS	WILLIAMSON		
SHEET NO.			
1 OF 2			

FILE	DISTRICT	COUNTY	CONTROL	SECTION	JOB	HIGHWAY NO.
DGN:	AUS	WILLIAMSON				
DATE:	11/07/	SHEET:	1 OF 2	0080	13	055
FED.	82068	01	063			US 79