TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
BASTROP COUNTY

TUCKER FERGUSON, P.E. DISTRICT ENGINEER
CSJ#: 0412-01-040

CURRENT ADT: 1 PROJECTED ADT1
FA_KEY: (DDXX) FA_KEY: (DDXX)

SH 21

(DRAFT)GEOMETRIC DESIGN SCHEMATIC

SCHEMATIC LIMITS

FROM FM 1441 (S. US 90) NBZ
FROM STA 100+00 TO STA 460+40

NET LENGTH OF PROJECT: 36,040.00 FEET=6.83 MILES

	TOUGHNUT RD.,MILES FEET	0.76 MILES 4,000.00 FEET
	STA.00 FEET	0.19 MILES 1,000.00 FEET

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
MAINLANES:	RURAL MAJOR/MINOR COLLECTORS	60 MPH
SIDE STREETS:	RURAL COLLECTORS	30 MPH

MAXIMUM SUPERELEVATION RATE (design = 8%)

EXISTING: NONE
PROPOSED: NONE

LOCATION MAP - N. T. S.

Survey Control:

SURVEY:STATE PLANE COORDINATES (NAD1983 (SOUTH))
HORIZONTAL DATUM:TEXAS STATE PLANE COORDINATE SYSTEM (NAD83)
ZONE:SOUTH CENTRAL
HORIZONTAL: NAD 1983
VERTICAL: NAVD 88
ELEVATION: NAVD 88

DESIGN STANDARDS USED:
TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
TEXAS MANUAL OF UNIFORM TRAFFIC DEVICES 2011

SUBMITTED FOR REVIEW: SUBMITTED FOR APPROVAL FOR FUTURE PROJECT DEVELOPMENT

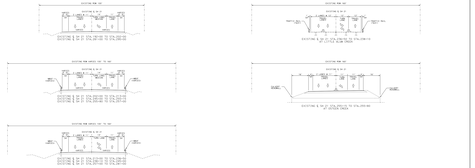
RECOMMENDED BY: RECOMMENDED BY:
DISTRICT DESIGN ENGINEER

Engineer: EDWARD SALICIA
PROJECT DESIGN ENGINEER

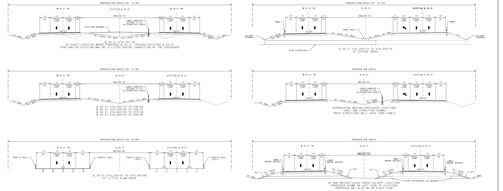
DATE: DATE: APPROVED BY:
DISTRICT DESIGN ENGINEER

DATE: PROJECT MANAGER, P.E. P.L. P.G. DATE: AREA ENGINEER DATE: CENTRAL TRANSPORTATION PLANNING DEVELOPMENT

EXISTING TYPICAL SECTIONS
NOT TO SCALE



PROPOSED TYPICAL SECTIONS
NOT TO SCALE



PLAN VIEW LEGEND

- PROPOSED CENTERLINE RAISED LINE
- PROPOSED CURB
- PROPOSED RAIL
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY
- EXISTING RAISED LINE
- PROPOSED BRIDGE
- PROPOSED RIGHT OF WAY (FROM ESTB)
- PROPOSED REVISED ESTABLISHED RIGHT OF WAY
- PROPOSED TRAFFIC FLOW
- EXISTING CURB
- GAS
- GAS (BELOW GROUND)
- GAS (ELECTRIC) (BELOWGROUND)
- GAS (ELECTRIC) (OVERHEAD)
- FIBER OPTIC
- FIBER OPTIC (BELOW GROUND)
- FIBER OPTIC (OVERHEAD)
- FIBER OPTIC (BELOW GROUND)
- FIBER OPTIC (OVERHEAD)
- FIBER OPTIC (BELOW GROUND)
- FIBER OPTIC (OVERHEAD)
- TELEPHONE (BELOW GROUND)
- TELEPHONE (OVERHEAD)
- TELEPHONE (BELOW GROUND)
- TELEPHONE (OVERHEAD)
- WATER (BELOW GROUND)
- WATER (OVERHEAD)
- FLOWLINE
- FLOWLINE (BELOW GROUND)
- CONCRETE
- CONCRETE (BELOW GROUND)
- TRAFFIC CONTROL BOX
- TRAFFIC CONTROL BOX
- TEXT ABOVE
- TEXT BELOW
- TEXT BELOW
- UNDERGROUND
- UNDERGROUND
- UNDERGROUND