TEXAS DEPARTMENT OF TRANSPORTATION
AUSTIN DISTRICT

TUCKER FERGUSON, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC

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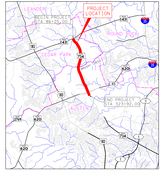
FM 734 FROM RM 1431 TO SH 45
CSJ: 3417-02-030
WILLIAMSON COUNTY
SEPTEMBER 13, 2019

PROJECT LENGTH: 4.501 MILES
BRIDGE LENGTH: 0.000 MILES
BRIDGE DECK: 0.292 MILES
FUNCTIONAL CLASSIFICATION: URBAN PRINCIPAL ARTERIAL
ADT (2018): 49,000 (VPD)
ADT (2043): 75,800 (VPD)
DESIGN SPEED

MAINLANES	60 MPH	@ PM0+00.06
CROSS STREETS	VARIES	

ROLL 3 OF 3



SHEET INDEX

ROLL 1: FM 734 PLAN AND PROFILE
BEGIN PROJECT TO STA 155+00

ROLL 2: FM 734 PLAN AND PROFILE
STA 155+00 TO STA 240+00

ROLL 3: FM 734 PLAN AND PROFILE
STA 240+00 TO END OF PROJECT

JACOBS

PREPARED BY JACOBS ENGINEERING GROUP, INC.
FIRM #2966
UNDER THE SUPERVISION OF MARK W. VAN ANDEL, P.E.

DESIGN SCHEMATIC
NOT INTENDED FOR CONSTRUCTION,
BIDDING OR PERMIT PURPOSES

P.E. NO.108166

DATE SIGNED: (MM/DD/YR)

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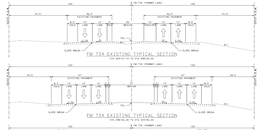
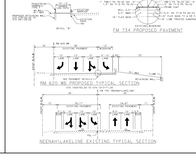
GENERAL NOTES:

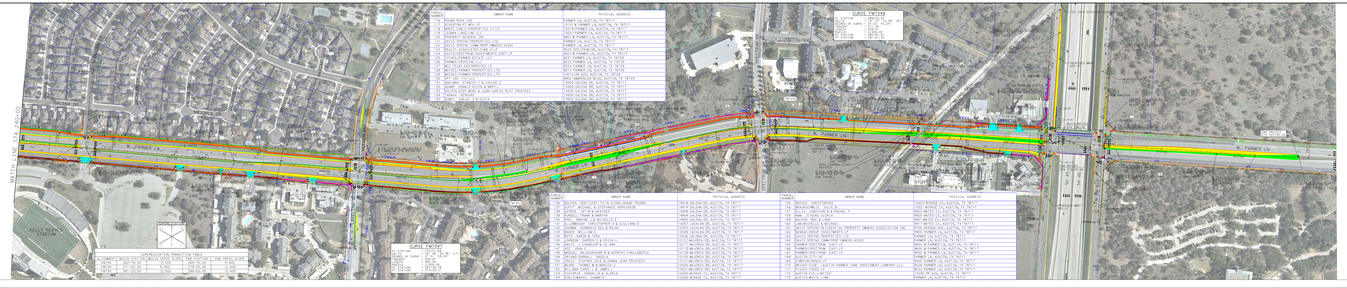
1. EXISTING TOPOGRAPHICAL FEATURES FROM FIELD SURVEY DATED AUGUST 2018 AND RECORD PLANS.
2. THIS PROJECT IS REFERENCED FOR ALL BEARING AND COORDINATE BASIS TO THE TEXAS STATE PLANE COORDINATE SYSTEM (SPCS) CENTRAL ZONE VERTICAL DATUM IS NAVD88(NAVD) - NORTH AMERICAN VERTICAL DATUM OF 1988, GEOID 12A, BASED UPON THE TXDOT NETWORK.
3. DISTANCES SHOWN HEREON ARE PROJECT SURFACE VALUES EXPRESSED IN U.S. SURVEY FEET. THE SCALE FACTOR FOR THIS PROJECT IS 1.00012 EXACTLY.
4. TRAFFIC VOLUMES APPROVED ON APRIL 04, 2019.
5. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE.
6. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM WILLIAMSON COUNTY APPRAISAL DISTRICT (APRIL 2019).
7. SUPERELEVATION DATA FROM RECORD PLANS AND SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. FM 734/PARMER LN PROFILE FROM RECORD PLANS AND SHOWN FOR INFORMATIONAL PURPOSES ONLY.
9. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED ON FEMA FLOOD INSURANCE RATE MAPS 48491C0215E & 48491C0216E (9/26/2008).
10. ADA RAMPS ARE NOT DEPICTED IN THE PLAN.
11. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE FINAL PHASE OF THE PROJECT.
12. DESIGN EXCEPTION APPROVED BY TXDOT ON XX/XX/XXXX
    A. VERTICAL-SAG CURVES.

PLAN VIEW LEGEND

- PROPOSED CENTERLINE/BASELINE
- EXISTING ROW
- PROPOSED EASEMENT/TCL
- PROPOSED RAISED GRASS MEDIAN
- PROPOSED RAISED CONCRETE MEDIAN
- PROPOSED BRIDGE LIMITS
- PROPOSED PAVEMENT WIDENING
- DRIVEWAY RECONSTRUCTION
- EXISTING SIDEWALK/ PROPOSED BY OTHERS
- PROPOSED 6' SIDEWALK
- PROPOSED 10' SHARED USE PATH
- PROPOSED RIP RAP
- PROPOSED 8' SIDEWALK
- HIDDEN LINEWORK (UNDER BRIDGE)
- SAWCUT LINE
- CATV — CABLE TV
- ELE — ELECTRIC
- FO — FIBER OPTIC
- FM — FORCE MAIN
- G — GAS
- OU — UNDENTIFIED UTILITIES
- TEL — TELEPHONE
- TC — TRAFFIC CONTROL UNKNOWN
- W — WATER
- WW — WASTEWATER
- SIGNAL WORK REQUIRED
- SOUND WALL
- RETAINING WALL






MATCH LINE STA 155+00
CURVE FACTORS
CURVE FACTORS
R. PARMER LN
FM 734
LAKELINE BLVD
KELLY MILL DR
CONSTRUCTION
ENTRANCE
PROPOSED
CONSTRUCTION
ENTRANCE
PROPOSED
CONSTRUCTION
ENTRANCE
PROPOSED