Texas Department of Transportation
DALLAS DISTRICT
MOHAMED S. BAH, P.E., DISTRICT ENGINEER

FM 1378
CONCEPT DESIGN SCHEMATIC
COLLIN COUNTY, TEXAS

FROM FM 2014 (PARKER ROAD) TO FM 2786 (EAST STACY ROAD)
CSJ: 1392-01-047 & 1392-01-048
LENGTH: 4.8 MILES

DATED DECEMBER 2021

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 1378 INTERSECTING STREETS	40 MPH / 30 MPH	MINOR / MAJOR COLLECTOR / LOCAL

INDEX OF SHEETS

SHEET 1 OF 5 : FEASIBILITY STUDY SOUTH ALTERNATIVE A
SHEET 2 OF 5 : FEASIBILITY STUDY SOUTH ALTERNATIVE B
SHEET 3 OF 5 : SCHEMATIC AND ENVIRONMENTAL
SHEET 4 OF 5 : FEASIBILITY STUDY NORTH
SHEET 5 OF 5 : FEASIBILITY STUDY NORTH

LOCATION MAP
N.T.S.

LEGEND

- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- CENTERLINE
- LOT LINE
- CITY/COUNTY BOUNDARY LINE
- EXISTING DRAINAGE
- PROPOSED DITCH BOTTOM
- PROPOSED DRAINAGE STRUCTURE
- DIRECTION OF FLOW
- DIRECTION OF FLOW
- EXISTING 100-YEAR FLOODPLAIN
- EXISTING PAVEMENT REMOVAL
- PROPOSED CONCRETE PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED CURB RAMP
- PROPOSED BRIDGE
- SIDEWALKS PROJECT - BY OTHERS
- PROPOSED ROW ACQUISITION
- PROPOSED LIGHTS
- EXISTING UTILITY POLE NUMBER
- EXISTING HYDROPOWER
- EXPLANATION

SCALE: 1"=100' H, 1"=10' V

PRELIMINARY
FOR INTERIM REVIEW ONLY
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STEPHEN A. JOHNSON, PE LICENSE 111,000 DATE
TEXAS DEPARTMENT OF TRANSPORTATION
FIRM REGISTRATION NO. 3753

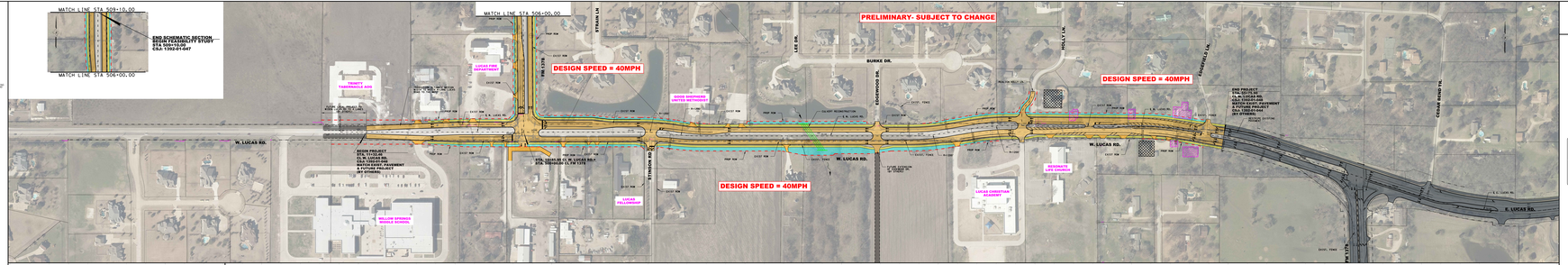
EXISTING TYPICAL SECTION

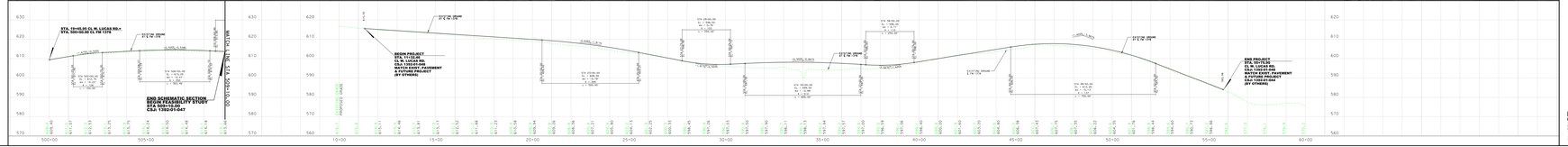
PROPOSED TYPICAL SECTION

TRAFFIC LINE DIAGRAM [N.T.S.]

1. EXISTING ROW FOR FM 1378 IS APPARENT ROW PROVIDED BY TXDOT, NOT PER DEED RESEARCH.
2. AERIAL FLIGHT DATE : JUNE 2017. EXISTING TOPOGRAPHICAL INFORMATION AS PROVIDED BY TxDOT, FEB 2018.
3. TRAFFIC PROJECTIONS PENDING TRANSPORTATION PLANNING & PROGRAMMING (TPP) APPROVAL.
4. EXISTING CREEK CENTERLINE SOURCED FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) - FLOOD INSURANCE RATE MAP (FIRM) DATED 2017-08-23. NATIONAL FLOOD HAZARD LAYER (NFHL). THE NFHL DATA INCORPORATES ALL FLOOD INSURANCE RATE MAP (FIRM) DATABASES PUBLISHED BY THE FEMA, AND ANY LETTERS OF MAP REVISION (LOMR) THAT HAVE BEEN ISSUED AGAINST THOSE DATABASES SINCE THEY WERE PUBLISHED. THE NFHL DATA IS DERIVED FROM THE FEMA NFHL DATABASE (STRE DIGITAL GEOSPATIAL VERSION OF THE FLOOD HAZARD INFORMATION SHOWN ON THE PUBLISHED PAPER FIRMS. DUE TO NEW HIGH RESOLUTION TOPOGRAPHY THE STREAM CL WAS MODIFIED FROM THE FIRM.
5. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PSNE DEVELOPMENT PHASE IN COORDINATION WITH THE CITY OF LUCAS.
6. DESIGN IS SUBJECT TO CHANGE.

SCHEMATIC GENERAL NOTES





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