Texas Department of Transportation

DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
FM 551

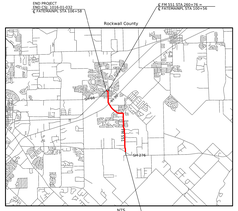
CSJ: 1016.01.032
Project Limits: Rockwall
Project Length = 2.21 miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

FM 551 (MAJOR COLLECTOR)	45 MPH
FATE MAIN PL (MINOR ARTERIAL SECTION)	30 MPH
GETTYSBURG BLVD (LOCAL)	30 MPH
FATMAN PL (LOCAL)	30 MPH
CHAMBERLAIN DR (LOCAL)	30 MPH
CROSS STREETS (ALL OTHERS)	MEETS OR EXCEEDS EXISTING

KEY TO COUNTIES



60% DESIGN SCHEMATIC SUBMITTAL

PRELIMINARY
SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

SCHEMATIC PREPARED BY:
BGE, INC.
Michael J. Zimmerman, P.E. (State)
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of:
Michael J. Zimmerman
NAME | P.E. NUMBER
Lauren R. Abbamondo | P.E. (optional)
12-7-23
DATE

ROLL INDEX

ROLL 1: FM 551 BEGIN PROJECT TO STA 185+00
ROLL 2: FM 551 STA 185+00 TO STA 229+00
ROLL 3: FM 551 STA 229+00 TO END PROJECT

HORIZONTAL SCALE
0 20' 40' 80'
VERTICAL SCALE
0 2' 4' 8'
SCHEMATIC SCALE: 1" = 100' (HORIZONTAL)
1" = 10' (VERTICAL)

BGE, Inc.
2506 Dallas Parkway, Suite 101, Frisco, TX 75034
Tel: 972-464-4800 ★ www.bgeinc.com
TBPE Registration No. F-7048

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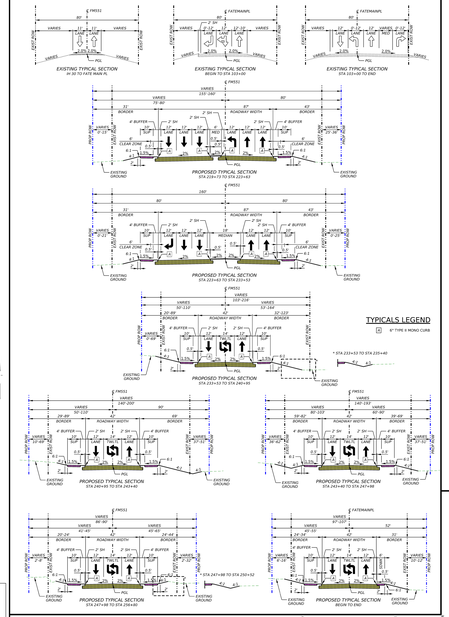


PLAN LEGEND

PROPOSED ℄
PROPOSED ROW
EXISTING ROW
PARCEL BOUNDARY
EXISTING DRAINAGE CULVERT
PROPOSED DRAINAGE CULVERT
POTENTIAL DISPLACEMENT
PAVEMENT REMOVAL
PROPOSED PAVEMENT
PROPOSED CROSS STREET PAVEMENT
PROPOSED SHARED USE PATH (SUP)/SIDEWALK
PROPOSED DRIVEWAY
PROPOSED BY-OTHERS
100-YEAR FEMA FLOODPLAIN
PROPOSED DIRECTION OF TRAVEL
PARCEL ID
HORIZONTAL CURVE ID

UTILITY LEGEND

ONCOR (ELECTRIC)
ZAYO (COMM)
PEOPLE'S COMMUNICATION (COMM)
CITY OF FATE (WATER)
CITY OF FATE (WASTEWATER)
ATMOS (GAS)

GENERAL NOTES:

1. SURVEY BASED ON AERIAL FLIGHT DATED NOVEMBER 2022 AND SUPPLEMENTED BY RECORD PLANS.
2. THE ELEVATION ON THE PROJECT ALIGN IS ABOUT THE POL (EONA) + 4%
3. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM ROCKWALL COUNTY APPRAISAL DISTRICTS (APRIL 2023).
4. DIMENSIONS ARE TO THE FACE OF CURB OR EDGE OF PAVEMENT (UNLESS NOTED OTHERWISE).
5. EXISTING UTILITIES LOCATIONS, SIZE AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS.
6. SHARED USE PATHS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND MAY BE ADJUSTED IN FIELD.
7. PROPOSED STORM SEWER, LARGE GUIDE SIGNS, AND LIGHTING, ARE NOT INCLUDED AS PART OF THIS PROJECT AND WILL BE INCLUDED IN FUTURE.
8. CONVENTIONAL ROADWAY SIGNAGE NOT SHOWN AND WILL BE DEVELOPED DURING PS&E.
9. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
10. ALL CROSS STREET CORNER RADII ARE 30 FT MINIMUM UNLESS NOTED OTHERWISE.
11. ALL DRIVEWAY CORNER RADII ARE 15 FT MINIMUM UNLESS NOTED OTHERWISE.
12. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE AND IN COORDINATION WITH THE LOCAL GOVERNMENTS.
13. APPROXIMATE 100-YEAR FLOODPLAIN LIMITS ARE FROM FEMA FIRMS (PANELNUMBERS 48397C0045L, 48397C0045L, 48397C0055L, 48397C0065L).
14. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.

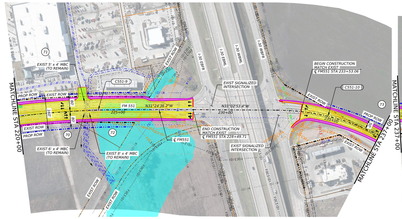
LEGEND
XXXX VEHICLES PER DAY (VPD)
XXXX VEHICLES PER HOUR (VPH)
XXXX VEHICLES PER HOUR PER LANE (VPHPL)
XXXX PERCENT TRUCKS (%)

SOURCE OF AADT
FATE MAIN PL AADT FROM TRAFFIC COUNTS, OCTOBER 2022

PARCEL ID	PROPERTY ID	OWNER
71	11292	FATE MUNICIPAL DEVELOPMENT DISTRICT NO 1
72	11293	BROADSHORE GROUP OF COMPANY
73	10230	FATE 103 COMMERCIAL LLC
74	10231	FATE 103 COMMERCIAL LP ETAL
75	10232	FATE 103 COMMERCIAL LP ETAL
76	10422	AND ENTERPRISES LLC
77	10421	FATE MAIN PLACE PROPERTIES LLC
78	10420	DUDLEY JAMES
79	10419	GLADSTOCK STEVEN LEE
80	10418	FATE MAIN PLACE PROPERTIES LLC
81	10417	PACK CHARLES E JR ET AL
82	10490	BROSME ALBAN JR
83	10489	TRUMAN FAMILY TRUST ETC
84	10488	LEONARD ELIJA
85	10487	JLK CONCRETE INC
86	10486	JLK CONCRETE INC
87	10479	COMMUNITY BANK
87	10479	KARR DAVID

PARCEL ID	PROPERTY ID	OWNER
88	10477	FATE MUNICIPAL DEVELOPMENT DISTRICT NO 1
89	10410	FATE 300 LLC
90	10411	FATE 300 LLC
91	10412	FATE 103 COMMERCIAL LP ETAL
92	10413	FATE MUNICIPAL DEVELOPMENT DISTRICT NO 1
93	10407	FATE MUNICIPAL DEVELOPMENT DISTRICT NO 2
94	10408	FATE MUNICIPAL DEVELOPMENT DISTRICT NO 2
95	10416	BRAD NATIONAL LLC

PRELIMINARY - SUBJECT TO CHANGE


FM 551
FATE MAIN PL
BEGIN CONSTRUCTION
END CONSTRUCTION
EXIST 8' x 8' RBC TO REMAIN
EXIST 8' x 8' RBC TO REMOVE
EXIST SIGNALIZED INTERSECTION
EXIST SIGNALIZED INTERSECTION
EXIST 30 BRIDGE
PROP BRIDGE
PROP ROW
EXIST ROW
EXIST ROW
EXIST ROW
PROP ROW