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DALLAS DISTRICT
MOHAMED K. BUR, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
FM 1777
COLLIN COUNTY

CSJ: 1014-04-016
FROM SH 66 TO FM 6
NET LENGTH OF PROJECT = 6.02 MI

COUNTY: COLLIN
DATE: MAY 17, 2022

DESIGN CRITERIA:

FUNCTIONAL CLASSIFICATION: URBAN COLLECTOR STREET
TERRAIN: LEVEL
DESIGN SPEED: 45 MPH – URBAN STREET
30 MPH – CROSS STREETS
DESIGN CRITERIA: TEXAS DEPARTMENT OF TRANSPORTATION MANUAL CHAPTER 3 SECTION 2 – URBAN STREET

2026 ADT = 6,300
2036 ADT = 6,300
2056 ADT = 7,000

PUBLIC MEETING EXHIBIT – FM 1777
COLLIN COUNTY

COLLIN COUNTY

VICINITY MAP
N.T.S.

ENTECH CIVIL ENGINEERS, INC
1412 FM 1378 WEST
WYLIE, TEXAS 75098
PHONE: (972) 442-7960
FAX: (972) 442-7961
TBPE REGISTRATION NO. F-1659

ROLL 2 OF 4

80% SCHEMATIC
PRELIMINARY; SUBJECT TO CHANGE WITHOUT NOTICE

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

SCHEMATIC PREPARE BY:
ENTECH CIVIL ENGINEERS, INC
TBPE REGISTRATION NO. F-1659

FOR INTERIM REVIEW ONLY. NOT FOR PERMIT, BIDDING OR CONSTRUCTION.

Registered for the Public Submission of Plans

ROSELIO GONZALEZ, P.E.
NAME

PE
TITLE/DESIGNATION

5/13/2022
DATE

REGISTRATION NUMBER

ROLL INDEX:
ROLL 2: FM 1777 MAINLANES
STA. 180+00 TO STA. 260+00

SCALE
HORZ 1" = 20'
VERT 1" = 20'

ROLL 2 OF 4

ENGINEER | PLANNER | SURVEYOR | CONSTRUCTION MANAGER
2610 North Shore Road, Mission, TX 78574
Phone: 956.271.6800
www.kcicorp.com
TBPE Registration No. F-10573

KCI

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MOHAMED K. BUR, P.E., DISTRICT ENGINEER

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2026 ADT = 4,300
2036 ADT = 5,000
2056 ADT = 7,000

PUBLIC MEETING EXHIBIT – FM 1777
COLLIN COUNTY

COLLIN COUNTY

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N.T.S.

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PLAN LEGEND:

PROPOSED ℄
PROPOSED EP
PROPOSED ROW
PROPOSED ROW BY OTHERS
PARCEL BOUNDARY
RETAINING WALL
TEMP. EASEMENT
100 YR FLOODPLAIN AREA
WETLANDS
EXISTING DRAINAGE
PROPOSED DRAINAGE
PROPOSED DIRECTION OF TRAVEL
EXISTING DIRECTION OF TRAVEL
PROPOSED BRIDGE
PROPOSED CULVERT
PROPOSED DRIVEWAY
PROPOSED SIDEPATH
PROPOSED MEDIAN
POTENTIAL DISPLACEMENT
PERMANENT DISPLACEMENT
REMOVAL
LANE CLOSURE
CURVE DATA
PARCEL DATA

UTILITY LEGEND:

ELECTRICAL POWER POLE
ELECTRICAL POWER LINE
GAS LINE
COMMUNICATION LINE
WATER LINE

PLAN NOTES:

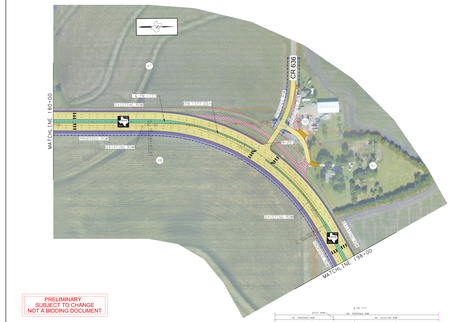
1. EXISTING FEATURES WERE FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED 11-03-2020 AND RECORD PLANS.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NORMAL FACE OF CURB, UNLESS OTHERWISE NOTED (E.G. ROW, PROPERTY, ETC.) OTHERWISE, REFER TO TYPICAL SECTIONS FOR BARRIER TYPES AND LIMITS.
5. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS, COLLIN COUNTY APPRAISAL DISTRICT.
6. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
7. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
8. 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.
9. BUILDINGS ARE SHOWN AS A PROPOSED DISPLACEMENT IF THE PROPOSED ROW IS WITHIN 10' OF THE EXISTING BUILDING STRUCTURE. ALL OTHER BUILDINGS ARE SHOWN AS A POTENTIAL DISPLACEMENT IF THE PROPOSED ROW IS WITHIN 25' OF THE EXISTING BUILDING STRUCTURE.
10. CONVENTIONAL ROADWAY SIGNAGE (WALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
11. CURBS ARE TYPE II UNLESS OTHERWISE.
12. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASE UPON FEMA FLOOD INSURANCE STUDY NUMBER 48085C0330K.
13. THE PROPOSED HORIZONTAL ALIGNMENT DOES NOT REQUIRE SUPERELEVATION.

CURVE DATA:

CURVE	PI STATION	PC STATION	PT STATION	DELTA	DEGREE	TANGENT	LENGTH	RADIUS
PI# 1777-C1	187+00.00	185+50.84	188+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C2	192+96.31	191+74.56	194+18.06	75° 49' 51.0"(LT)	38° 12' 41.1"	1221.75	2443.50	150.00
PI# 1777-C3	202+96.31	194+87.87	195+49.75	196° 41' 33.0"(RT)	38° 12' 41.1"	628.94	1123.75	149.93
PI# 1777-C4	206+00.00	204+50.84	207+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C5	208+47.41	206+50.00	208+50.00	1° 57' 00.0"(RT)	1° 27' 00.0"	99.41	199.00	3,935.00
PI# 1777-C6	209+24.34	208+98.58	209+49.76	14° 01' 00.0"(LT)	38° 12' 41.1"	250.21	500.91	150.00
PI# 1777-C7	210+74.67	209+50.00	210+50.00	1° 57' 00.0"(RT)	1° 27' 00.0"	99.41	199.00	3,935.00
PI# 1777-C8	212+00.00	210+50.84	213+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C9	216+97.31	215+75.56	218+19.06	75° 49' 51.0"(LT)	38° 12' 41.1"	1221.75	2443.50	150.00
PI# 1777-C10	227+00.00	225+50.84	228+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C11	231+00.00	229+50.84	232+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C12	241+00.00	239+50.84	242+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C13	247+00.00	245+50.84	248+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C14	251+00.00	249+50.84	252+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00
PI# 1777-C15	257+00.00	255+50.84	258+49.16	90° 00' 00.0"(LT)	38° 12' 41.1"	1497.16	2979.32	150.00

PARCEL DATA:

PARCEL ID	OWNER	LANDUSE
06	LOWARS RUTH BRANNON & KENNETH WESLEY LOWARS	RESIDENTIAL
07	LOWARS RUTH BRANNON & KENNETH WESLEY LOWARS	RESIDENTIAL
08	LOWARS KENNETH	RESIDENTIAL
09	LOWARS DONALD & KEITH ELLISON	RESIDENTIAL
10	LOWARS DONALD & KEITH ELLISON	RESIDENTIAL
11	LYNN DRIVE LLC	VACANT
12	LYNN DRIVE LLC	VACANT
13	PAUL ERIC F. & SUSANNA PAUL	VACANT
14	SANDERS THOMAS & SANDERS ANNE ADULT HOMES	SINGLE FAMILY
15	SANDERS THOMAS & SANDERS ANNEMARIE	SINGLE FAMILY
16	SUMNER JOHN A	RESIDENTIAL
17	MATTHEW ABRAHAM & ANNA ALEXANDER	SINGLE FAMILY
18	MATTHEW ABRAHAM & ANNA MATTHEW	VACANT
19	PHILIPS REV FUGAR RAMSEY, E & SUSANNA E PHILIPS	VACANT
20	PHILIPS REV FUGAR RAMSEY, E & SUSANNA E PHILIPS	VACANT
21	PHILIPS REV FUGAR RAMSEY, E & SUSANNA E PHILIPS	VACANT
22	PHILIPS REV FUGAR RAMSEY, E & SUSANNA E PHILIPS	VACANT
23	HAZEL ANNA & ANNA ALEXANDER & ELIZABETH DUNNAS	SINGLE FAMILY
24	HAZEL ABRAHAM & ANNA ETTA	VACANT
25	VARANDE ANDREA & DRICHANNA ALEXANDER	SINGLE FAMILY
26	ANNA CHRYSAN RETIREMENT ANNA ADULT HOMES	SINGLE FAMILY
27	ANNA CHRYSAN RETIREMENT ANNA ADULT HOMES	SINGLE FAMILY
28	LOWARS JOHN A	RESIDENTIAL
29	ANNA CHRYSAN RETIREMENT ANNA ADULT HOMES	SINGLE FAMILY
30	LYNN DRIVE LLC	VACANT
31	CITY OF MESQUITE & CITY OF DALLAS & COUNTY OF DALLAS	VACANT
32	LOWARS DONALD	RESIDENTIAL
33	LOWARS RUTH BRANNON & KENNETH WESLEY LOWARS	RESIDENTIAL
34	LOWARS DONALD	RESIDENTIAL
35	MARONEY BILLY DUSTIN	RESIDENTIAL
36	MARONEY BILLY DUSTIN	RESIDENTIAL
37	WHITE JOHN DENNIS	RESIDENTIAL
38	GUZMAN INES ANTONIO & LANDON ROSI GUZMAN	VACANT
39	GUZMAN INES ANTONIO	VACANT
40	FULLENGENTSCHER, A DIVISION OF DDJB	SINGLE FAMILY
41	WILSON WILLIAM E & ROLLA	SINGLE FAMILY
42	GRANT CHARLES	RESIDENTIAL
43	GRANT CHARLES	RESIDENTIAL
44	BORE DONNA REAS	SINGLE FAMILY
45	BORE DONNA REAS	SINGLE FAMILY
46	SUNTER VALORIE DIANE	RESIDENTIAL
47	SUNNTER ALICE GUSTIN	RESIDENTIAL
48	SUNNTER ALICE GUSTIN	RESIDENTIAL
49	MAGDALENA REAL MARISOL	SINGLE FAMILY
50	GARZA LEAL MARISOL & ESTRAU RAMUELEZ	RESIDENTIAL
51	GARZA LEAL MARISOL & ESTRAU RAMUELEZ	RESIDENTIAL
52	KING DAN & ASHLEY	RESIDENTIAL
53	HOUSTON ROBERT & HOUSTON ANNA LISA REEVES	SINGLE FAMILY
54	FOUTCHALLIE, JEANNE & FOUT & ROGERS FOUT & ROBERT FOUT	SINGLE FAMILY



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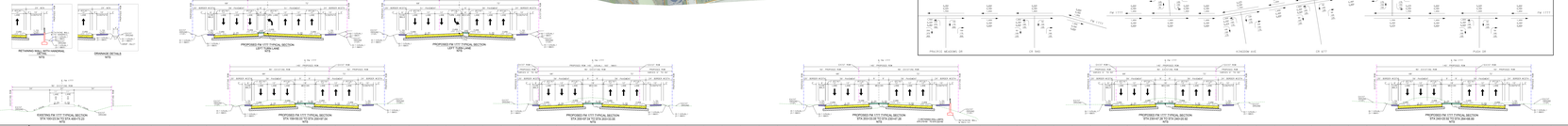

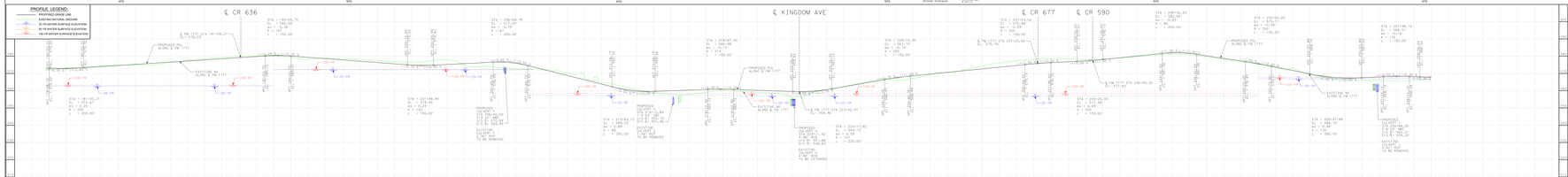

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