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COUNTY: COLLIN
DATE: NOVEMBER 19, 2024

PUBLIC HEARING EXHIBIT - FM 1777
COLLIN COUNTY

ROLL 2 OF 5

ENGINEERS | PLANNERS | SCIENTISTS | CONSTRUCTION MANAGERS
2610 North Shary Road, Mission, TX 78574
Phone: 956.271.6696
www.kci.com
TBPE Registration No. F-10573
KCI TECHNOLOGIES

11/5/2024 6:07:19 PM
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Texas Department of Transportation ™
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DALLAS DISTRICT
CEASON G. CLEMENS, P.E.
DISTRICT ENGINEER

DESIGN SCHEMATIC
FM 1777
COLLIN COUNTY

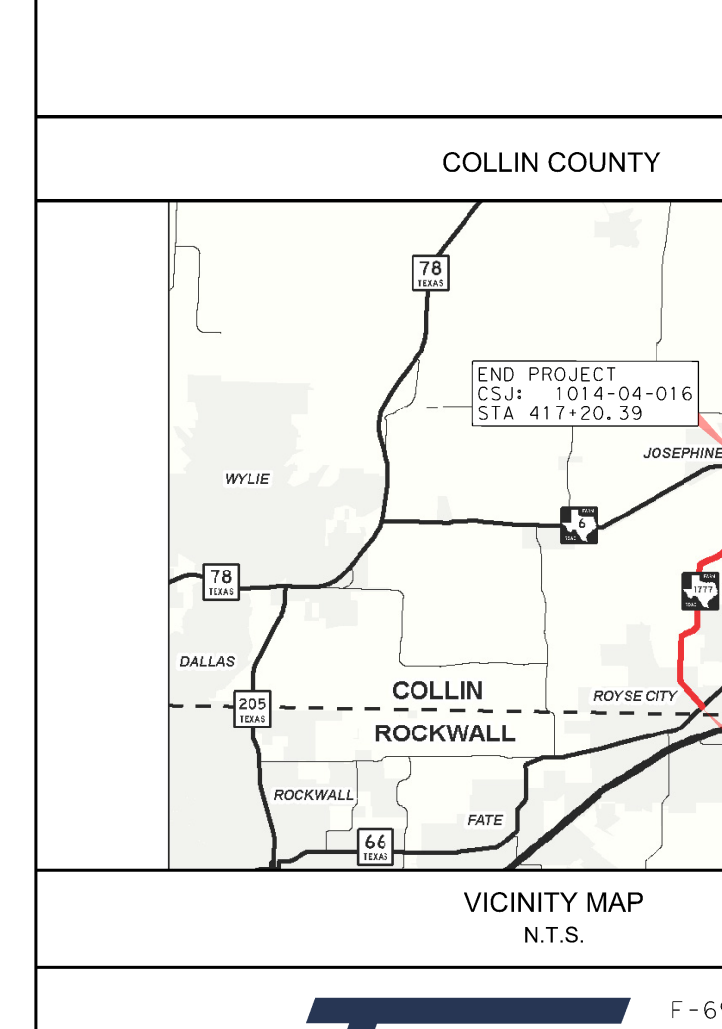
CSJ: 1014-04-016
FROM SH 66 TO FM 6
NET LENGTH OF PROJECT = 6.02 MI

DESIGN CRITERIA:

FUNCTIONAL CLASSIFICATION:	URBAN MAJOR COLLECTOR STREET
TERRAIN:	LEVEL
DESIGN SPEED:	45 MPH - URBAN STREET 30 MPH - CROSS STREETS
DESIGN CRITERIA:	TXDOT ROADWAY DESIGN MANUAL CHAPTER 3 SECTION 2 - URBAN STREET

2026 ADT = 4,300
2046 ADT = 6,300
2056 ADT = 7,000

COLLIN COUNTY



VICINITY MAP
N.T.S.

ENTECH CIVIL ENGINEERS, INC
F-6932
15021 Katy Freeway,
Suite 500
Houston, Texas, 77094
281-945-0069 PH
281-945-0081 FX

FINAL REVISED SCHEMATIC

SCHEMATIC PREPARED BY:
ENTECH CIVIL ENGINEERS, INC
TBPE REGISTRATION NO. F-6932
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the Direct Supervision of:
Wahida Wakil, P.E. 96684
WAHIDA WAKIL, P.E P.E. NUMBER
11/5/2024
DATE

ROLL INDEX:

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

SCALE
HORZ 0' 100' 200'
VERT 0' 10' 20'

ROLL 2 OF 5

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PLAN LEGEND:

-·-·-·-	PROPOSED ℄
-··-··-	EXISTING ROW
-··-··-	PROPOSED ROW
-··-··-	PROPOSED ROW BY OTHERS
-··-··-	PROPOSED DRAINAGE EASEMENTS
──	PARCEL BOUNDARY
──	RETAINING WALL
ΔΔΔΔΔΔ	TOE OF EMBANKMENT
▬	100 YR FLOODPLAIN AREA
──	WETLANDS
------	EXISTING DRAINAGE
──	PROPOSED DRAINAGE
➡	PROPOSED DIRECTION OF TRAVEL
⇨	EXISTING DIRECTION OF TRAVEL
▬	PROPOSED BRIDGE
▬	PROPOSED ROADWAY
▬	PROPOSED ROADWAY BY OTHERS
▬	PROPOSED DRIVEWAY
▬	PROPOSED SIDEPATH
▬	PROPOSED MEDIAN
▨	POTENTIAL DISPLACEMENT
▨	PROPOSED DISPLACEMENT
▩	REMOVAL
▨	LANE CLOSURE
XXXXX - ##	CURVE ID
##	PARCEL ID

UTILITY LEGEND:

●	ELECTRICAL POWER POLE
— OE —	OVERHEAD ELECTRIC POWER LINE
— E —	UNDERGROUND ELECTRIC POWER LINE
— G —	GAS OIL LINE
— FOL —	FIBER OPTIC LINE
— T —	TELEPHONE LINE
— C —	CABLE TV LINE
— W —	WATER LINE
— WW —	WASTE WATER LINE
— FM —	FORCE MAIN

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.
4. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED 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 PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. BUILDINGS ARE SHOWN AS A POTENTIAL DISPLACEMENT IF THE PROPOSED ROW IS WITHIN 25' OF THE EXISTING BUILDING STRUCTURE.
10. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT
11. CURBS ARE TYPE II (6") UNLESS OTHERWISE NOTED.
12. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASE UPON FEMA FLOOD INSURANCE STUDY NUMBER 48085CV002B.
13. THE PROPOSED HORIZONTAL ALIGNMENT DOES NOT REQUIRE SUPERELEVATION.

CURCE DATA

CURVE ID	PI STATION	PC STATION	PT STATION	DELTA	DEGREE	TANGENT	LENGTH	RADIUS
FM 1777-01	139+15.86	134+97.42	142+99.77	40° 08' 58.41"(RT)	5° 00' 14.39"	418.44	802.35	1145.00
FM 1777-02	157+62.46	155+74.84	159+50.03	2° 08' 58.85"(LT)	0° 34' 22.65"	187.62	375.19	10000.00
FM 1777-03	188+42.05	182+33.10	193+34.89	60° 41' 59.61" (RT)	5° 30' 33.15"	608.94	1101.79	1040.00
FM 1777-04	204+97.73	198+96.82	209+86.61	60° 02' 18.92" (LT)	5° 30' 33.15"	600.91	1089.79	1040.00
FM 1777-05	236+88.21	235+87.38	237+89.02	2° 01' 00.00" (RT)	1° 00' 00.36"	100.83	201.65	5729.00
FM 1777-06	244+21.64	242+83.57	245+59.67	2° 45' 40.69" (LT)	1° 00' 00.36"	138.08	276.10	5729.00
FM 1777-07	283+49.73	277+43.63	288+41.18	60° 27' 59.61" (RT)	5° 30' 33.15"	606.10	1097.55	1040.00
FM 1777-08	299+78.12	297+82.15	301+72.73	11° 43' 00.06"(LT)	2° 59' 59.20"	195.98	390.58	1910.00
FM 1777-09	333+74.20	328+14.80	338+41.26	56° 32' 59.43"(LT)	5° 30' 33.15"	559.40	1026.46	1040.00
FM 1777-10	353+52.06	351+84.96	355+18.31	9° 59' 59.85"(RT)	2° 59' 59.20"	167.10	333.36	1910.00
FM 1777-11	396+75.21	394+87.67	398+62.63	3° 45' 00.00"(RT)	1° 00' 00.36"	187.55	374.96	5729.00
FM 1777-12	403+96.41	401+96.35	405+96.31	4° 00' 00.00"(LT)	1° 00' 00.36"	200.06	399.96	5729.00
ROLLING MEADOWS RD-01	13+66.47	11+03.60	16+07.11	40° 37' 56.19"(RT)	8° 04' 11.38"	262.86	503.51	710.00
CR 636-01	12+92.07	11+43.79	14+32.08	33° 02' 08.16"(LT)	11° 27' 32.96"	148.28	288.29	500.00
CR 638-01	14+88.08	14+48.37	15+27.62	9° 04' 55.49"(LT)	11° 27' 32.96"	39.71	79.26	500.00
EAST ST-01	417+86.05	416+90.95	418+80.63	10° 27' 00.12" (LT)	5° 30' 33.15"	95.11	189.68	1040.00
EAST ST-02	419+75.74	418+80.63	420+70.32	10° 27' 00.12" (LT)	5° 30' 33.15"	95.11	189.68	1040.00

PARCEL DATA

PARCEL ID	OWNER	LAND USE
46	CLINARD KEITH BRANDON & KENNETH WESLEY CLINARD	FARMLAND
47	CLINARD KEITH BRANDON & KENNETH WESLEY CLINARD	RESIDENTIAL
48 & 49	CLINARD KEITH BRANDON	RESIDENTIAL
50	CLINARD KENNETH	RESIDENTIAL
51	CLINARD DONALD R & SANDRA ANN & KENNETH W CLINARD & KEITH B CLINARD	FARMLAND
52	CLEARVIEW RANCH LAND LLC	DRAINAGE/OPEN
53A	CLEARVIEW RANCH LAND LLC	SINGLE FAMILY
53B	CLEARVIEW RANCH LAND LLC	SINGLE FAMILY
53C	CLEARVIEW RANCH LAND LLC	DRAINAGE/OPEN
53D	CLEARVIEW RANCH LAND LLC	SINGLE FAMILY
54	CHAUDHRI TAUSEEF	VACANT
55	KERALA CHRISTIAN RETIREMENT COMMUNITY #1 OF 1A HOA	VACANT
56	FAROOQUI SHIREEN	VACANT
57	CLINARD DON R	RESIDENTIAL
57A	CLINARD DON R	FARMLAND
58	ALEXANDER M C & GRACE ALEXANDER	SINGLE FAMILY
59	AMAN HOMES CORP	VACANT
60	CORTEZ FABIOLA & ELIUD CASTRO VILLEGAS	VACANT
61	CORTEZ FABIOLA & ELIUD CASTRO VILLEGAS	VACANT
62	DABROS & COMPANY INC	VACANT
63	DABROS & COMPANY INC	VACANT
64	THOMAS KUTTIPURATHU MATHAI & KUNJUKUNJAMMA THOMAS	VACANT
65	VANCE BRETT & DEBORAH	SINGLE FAMILY
66	VARGHESE ANEENA & GRACYAMMA ALEXANDER	VACANT
67	S2 LAND DEVELOPMENT LLC	RESIDENTIAL
68	S2 LAND DEVELOPMENT LLC	RESIDENTIAL
69	S2 LAND LLC	RESIDENTIAL
69A	S2 LAND LLC	RESIDENTIAL
70	CLINARD DONALD	FARMLAND
71	ST THOMAS UNITED CHURCH OF ROYSE CITY INC	CHURCH
72	CLINARD DONALD	FARMLAND
73	CLINARD KEITH BRANDON & KENNETH WESLEY CLINARD	FARMLAND
74	MARONEY BILLY GLEN	RESIDENTIAL
75	MARONEY BILLY GLEN	VACANT
76	MARONEY BILLY G	VACANT
77	WERTZ ANN MARIE	SINGLE FAMILY
78	GUZMAN INES ANTONIO & CANDIDA ROSA GUZMAN	VACANT
79	JOHNSON ALICE CLEORA	FARMLAND
80	VILLASENOR JOSE J & MARIA DE JESUS	SINGLE FAMILY
81	WILSON WILLIAM T & RITA C	SINGLE FAMILY
82	PINARTE ALFONSO ARTURO MORENO JR & CRYSTAL ZULEIMA LAZO	SINGLE FAMILY
83	DOHERTY KAREN	SINGLE FAMILY
84	AKINS DONNA R & BRAXTON L	FARMLAND
84A	AKINS DONNA R & BRAXTON L	FARMLAND
85	GILLISPIE KEVIN MICHAEL	RESIDENTIAL
86	JOHNSON ALICE CLEORA	FARMLAND

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