Texas Department of Transportation
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DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

FM 1387
60% DESIGN SCHEMATIC

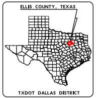
ELLIS COUNTY, TEXAS
FROM NORTH MIDLOTHIAN PARKWAY TO FM 664
CSJ: 1394-02-027
LENGTH: 5.84 MILES
DATED: MARCH 2023

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 1387	40 MPH	PRINCIPAL ARTERIAL
MIDLOTHIAN PARKWAY	45 MPH	MAJOR COLLECTOR
WALLNUT GROVE ROAD	35 MPH	MAJOR COLLECTOR
LONGBRANCH ROAD	35 MPH	MAJOR COLLECTOR
FM 664	55 MPH	MAJOR COLLECTOR
LOCAL STREETS	30 MPH	LOCAL

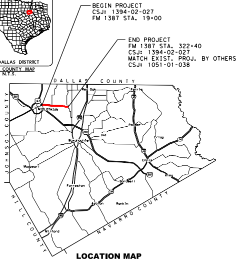
INDEX OF SHEETS

ROLL 1 OF 8: PLAN & PROFILE VIEW STA. 19+00 TO STA. 95+00
ROLL 2 OF 8: PLAN & PROFILE VIEW STA. 95+00 TO STA. 164+00
ROLL 3 OF 8: PLAN & PROFILE VIEW STA. 164+00 TO STA. 228+00
ROLL 4 OF 8: PLAN & PROFILE VIEW STA. 228+00 TO STA. 286+00
ROLL 5 OF 8: PLAN & PROFILE VIEW STA. 286+00 TO STA. 322+40
■ROLL 6 OF 8: SUPPLEMENTAL SIDE STREET PROFILES
■ROLL 7 OF 8: SUPPLEMENTAL SIDE STREET PROFILES
■ROLL 8 OF 8: SUPPLEMENTAL SIDE STREET PROFILES
■NOT INCLUDED

ROLL 1 OF 8


ELLIS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.


BEGIN PROJECT
CSJ: 1394-02-027
FM 1387 STA. 19+00
END PROJECT
FM 1387 STA. 322+40
CSJ: 1394-02-027
MATCH EXIST. PROJ. BY OTHERS
CSJ: 1051-01-038
DALLAS COUNTY
JOHNSON COUNTY
HILL COUNTY
NAVARRO COUNTY
Red Oak
Ferris
MIDLOTHIAN
Palmer
Waxahachie
Ike
Crisp
Maypearl
Ennis
Bardwell
Forreston
Avalon
Rankin
Milford

LOCATION MAP
N.T.S.

LEGEND

—·—·—	EXISTING RIGHT OF WAY LINE	▬	PROPOSED CONCRETE PAVEMENT
—·—·—	PROPOSED RIGHT OF WAY LINE	▬	PROPOSED SIDEWALK
—·—·—	CENTERLINE	▬	PROPOSED DRIVEWAY
———	PARCEL LINE	▬	PROPOSED BRIDGE
— — —	CITY/COUNTY BOUNDARY LINE	▬	ADJACENT PROJECT - BY OTHERS
- - -	EXISTING DRAINAGE	▬	PROPOSED ROW ACQUISITION
·—◂·—	PROPOSED DITCH BOTTOM	←	PROPOSED LANES
▥	PROPOSED DRAINAGE STRUCTURE	(#)	PARCEL IDENTIFYING NUMBER
———	PROPOSED RETAINING WALL	▨	EXISTING PAVEMENT REMOVAL
◂∿	DIRECTION OF FLOW	▨	DISPLACEMENT
▨	EXISTING 100-YEAR FLOODPLAIN	▬	METAL BEAM GUARD FENCE (MBGF)
▬	CURB WALL		

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

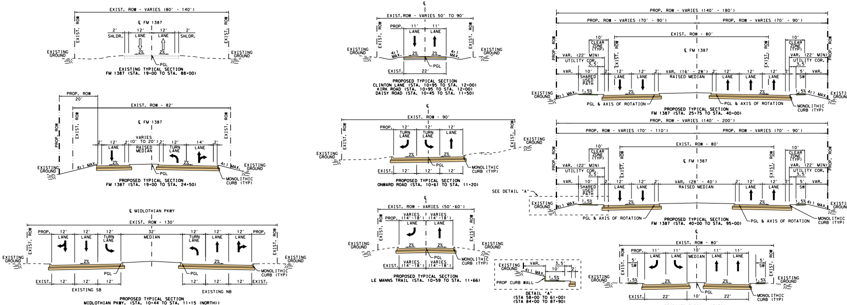
PRELIMINARY
FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND REGULATORY APPROVAL. THEY ARE NOT INTENDED FOR PERMITTING, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

RANDY L GROS, PE — 134559 — 03/30/2023
NAME — P.E. NO. — DATE

GARVER
3010 GAYLORD PARKWAY
SUITE 190
FRISCO, TX 75034

FIRM REGISTRATION NO. 5713


EXIST. ROW - VARIES (80' - 140')
℄ FM 1387
SHLDR.
LANE
EXIST. ROW
EXISTING GROUND
PGL
PROP. ROW
EXIST. ROW - 82'
VARIES (0' TO 20')
RAISED MEDIAN
TURN LANE
4:1 MAX.
MONOLITHIC CURB (TYP)
℄ MIDLOTHIAN PKWY
EXIST. ROW - 130'
MEDIAN
EXISTING SB
EXISTING NB
EXIST.ROW - VARIES 50' TO 90'
EXIST. ROW - 90'
EXIST. ROW - VARIES (50'-60')
VARIES (14'-18')
SEE DETAIL "A"
PROP CURB WALL
PROP. ROW - VARIES (140' - 180')
PROP. ROW - VARIES (70' - 90')
PROP. ROW - VARIES (140' - 200')
PROP. ROW - VARIES (70' - 110')
EXIST. ROW - 80'
CLEAR ZONE (TYP)
UTILITY COR.
VAR. (22' MIN)
SHARED USED PATH
VAR. (16' - 28')
VAR. (28' - 40')
SW
PGL & AXIS OF ROTATION

EXISTING TYPICAL SECTION
FM 1387 (STA. 19+00 TO STA. 88+00)

PROPOSED TYPICAL SECTION
FM 1387 (STA. 19+00 TO STA. 24+50)

PROPOSED TYPICAL SECTION
MIDLOTHIAN PKWY. (STA. 10+44 TO STA. 11+15 (NORTH))
MIDLOTHIAN PKWY. (STA. 13+25 TO STA. 14+44 (SOUTH))

PROPOSED TYPICAL SECTION
CLINTON LANE (STA. 10+95 TO STA. 12+00)
KIRK ROAD (STA. 10+95 TO STA. 12+00)
DAISY ROAD (STA. 10+45 TO STA. 11+50)

PROPOSED TYPICAL SECTION
ONWARD ROAD (STA. 10+61 TO STA. 11+20)

PROPOSED TYPICAL SECTION
LE MANNS TRAIL (STA. 10+59 TO STA. 11+66)

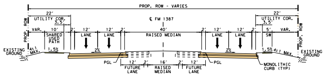
DETAIL "A"
(STA 58+00 TO 61+00)
(STA 84+00 TO 87+90)

PROPOSED TYPICAL SECTION
FM 1387 (STA. 25+75 TO STA. 40+00)

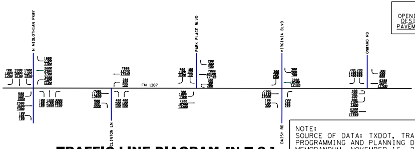
PROPOSED TYPICAL SECTION
FM 1387 (STA. 40+00 TO STA. 95+00)

PROPOSED TYPICAL SECTION
PARK PLACE BLVD (STA. 10+50 TO STA. 11+54)
VIRGINIA BLVD (STA. 10+50 TO STA. 10+90)

TYPICAL SECTIONS [N.T.S.]


PROP. ROW - VARIES
℄ FM 1387
UTILITY COR.
SHARED USED PATH
LANE
RAISED MEDIAN
FUTURE LANE
SW
EXISTING GROUND
PGL
MONOLITHIC CURB (TYP)
40'
16'

ULTIMATE TYPICAL SECTIONS [N.T.S.]


N MIDLOTHIAN PKWY
CLINTON LN
FM 1387
PARK PLACE BLVD
VIRGINIA BLVD
DAISY RD
ONWARD RD

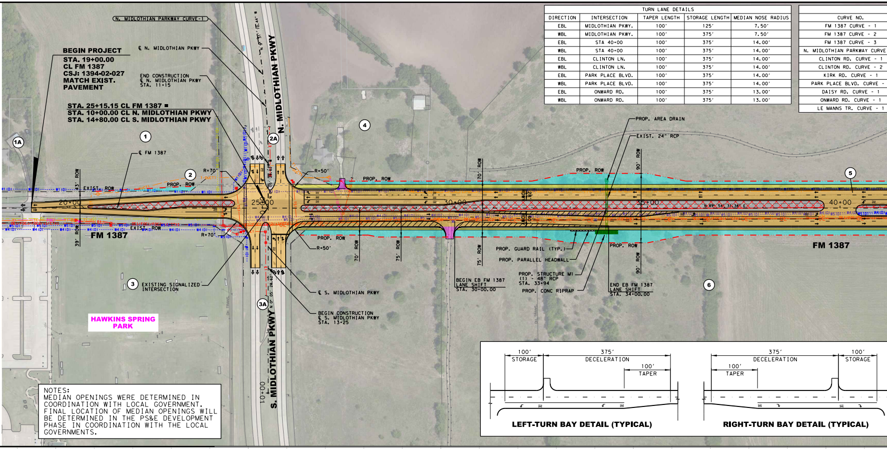
LEGEND
OPENING YEAR (202
DESIGN YEAR (204
PAVEMENT YEAR (20

NOTE:
SOURCE OF DATA: TXDOT, TRANSPORTATIO
PROGRAMMING AND PLANNING DIVISION
MEMORANDUM, NOVEMBER 16, 2017.

TRAFFIC LINE DIAGRAM [N.T.S.]

PARCEL NO.	TAX ID	OWNER'S NAME	OWNER'S ADDRESS	CITY	STATE	ZIP	SITUS ADDRESS	ACRES	LEGAL DESCRIPTION
1	185033	DENTON L R	PO BOX 788	MIDLOTHIAN	TX	76065-0788	FM 1387 MIDLOTHIAN, TX 76065	67.7456	459 H F HINKLEY 67.7456 ACRES
1A	185098	MIDTEXAS INTERNATIONAL CENTER	INC. PO BOX 788	MIDLOTHIAN	TX	76065	FM 1387 MIDLOTHIAN, TX 76065	0.64	459 H F HINKLEY 0.64 ACRES
2	225753	MIDLOTHIAN CITY OF	104 W AVENUE E	MIDLOTHIAN	TX	76065-2901	FM 1387 MIDLOTHIAN, TX 76065	0.103	459 H F HINKLEY 0.103 ACRES
2A	217848	MIDLOTHIAN CITY OF	104 W AVENUE E	MIDLOTHIAN	TX	76065-2901	MIDLOTHIAN PKWY MIDLOTHIAN, TX 76065	22.119	459 H F HINKLEY HAS MANY ABST 22.119 ACRES
3	224266	MIDLOTHIAN CITY OF	104 W AVENUE E	MIDLOTHIAN	TX	76065-2901	FM 1387 MIDLOTHIAN, TX 76065	21.78	LOT 1 BLK A HAWKINS SPRING PARK 21.78 AC
3A	225755	MIDLOTHIAN CITY OF	104 W AVENUE E	MIDLOTHIAN	TX	76065-2901	FM 1387 MIDLOTHIAN, TX 76065	11.081	700 B MONROE 11.081 ACRES
4	185474	HOPPER GEORGE D TRUSTEE	PO BOX 7519	NEWPORT BEACH	CA	92658-7519	1551 E FM 1387 MIDLOTHIAN, TX 76065	7.856	494 J HENDERSON 7.856 ACRES
5	225746	MIDLOTHIAN CITY OF	104 W AVENUE E	MIDLOTHIAN	TX	76065-2901	E FM 1387 MIDLOTHIAN, TX 76065	0.114	494 J HENDERSON 0.114 ACRES
6	187834	DENTON L R TRUSTEE	PO BOX 788	MIDLOTHIAN	TX	76065-0788	FM 1387 MIDLOTHIAN, TX 76065	117.418	700 B MONROE 117.418 ACRES
7	185473	DENTON L R TRUSTEE	PO BOX 788	MIDLOTHIAN	TX	76065-0788	E FM 1387 MIDLOTHIAN, TX 76065	94.144	494 J HENDERSON 94.144 ACRES
8	187842	SMITH RANDALL D & NICOLA A	2080 FM 1387	MIDLOTHIAN	TX	76065-5138	2080 FM 1387 MIDLOTHIAN, TX 76065	2.82	700 B MONROE 2.82 ACRES
9	187838	LANGSTON NATHANAEL R	2150 FM 1387	MIDLOTHIAN	TX	76065	2150 FM 1387 MIDLOTHIAN, TX 76065	1.402	700 B MONROE 1.402 ACRES
10	187850	COOPER DANIEL & LENA M	2178 FM 1387	MIDLOTHIAN	TX	76065-5137	2178 FM 1387 MIDLOTHIAN, TX 76065	0.6	700 B MONROE 0.6 ACRES
11	187759	HERNANDEZ ALEJANDRO JR & VERONICA	2311 LON HAYS DR	MIDLOTHIAN	TX	76065	FM 1387 MIDLOTHIAN, TX 76065	2.755	700 B MONROE 2.7550 ACRES
12	166328	KAHLER DAVID G JR & PRIEST AIMEE M	1 MARVIN GARDENS	MIDLOTHIAN	TX	76065-6719	1 MARVIN GARDENS MIDLOTHIAN, TX 76065	0.2514	24 1 PARK PLACE SEC 1
13	166327	HARTSOCK RAYMOND F	5331 RANCH CEDAR RD	MIDLOTHIAN	TX	76065-4534	2 MARVIN GARDENS MIDLOTHIAN, TX 76065	0.1655	LOT 23 BLK 1 PARK PLACE 1ST SEC 0.1655 AC
14	187843	HENAGER JASON D & CHRISTIE L	2310 FM 1387	MIDLOTHIAN	TX	76065-5136	2310 FM 1387 MIDLOTHIAN, TX 76065	1.475	700 B MONROE 1.475 ACRES
15	187852	RESIDENTIAL HOLDINGS LLC	2560 KING ARTHUR BLVD STE 124-33	LEWISVILLE	TX	75056	2330 FM 1387 MIDLOTHIAN, TX 76065	0.642	700 B MONROE 0.642 ACRES
16	166336	HARDEGREE CRAIG & VANESSA	1 VENTNOR AVE	MIDLOTHIAN	TX	76065-6723	1 VENTNOR AVE MIDLOTHIAN, TX 76065	0.2107	LOT 12 BLK 1 PARK PLACE 1ST SEC 0.2107 AC
17	149024	WEBB CYNTHIA M	661 E MAIN ST STE 200	MIDLOTHIAN	TX	76065-3365	2428 FM 1387 MIDLOTHIAN, TX 76065	0.66	N205 - 1 COUNTRY EAST 0.66 ACRES
18	149120	BOSTWICK DAVID L & ANGIE J	2468 FM 1387	MIDLOTHIAN	TX	76065-5135	2468 FM 1387 MIDLOTHIAN, TX 76065	0.666	2A COUNTRY EAST 0.666 ACRES
19	166345	US SFE ASSET COMPANY 2 LLC	5001 PLAZA ON THE LAKE STE 200	AUSTIN	TX	78746	2 VENTNOR AVE MIDLOTHIAN, TX 76065	0.1683	LOT 11 BLK 1 PARK PLACE 1ST SEC
20	166251	ALTO ASSET COMPANY 1 LLC	5001 PLAZA ON THE LAKE STE 200	AUSTIN	TX	78746	801 PARK PLACE BLVD MIDLOTHIAN, TX 76065	0.198	LOT 1 BLK 1 PARK PLACE 1ST SEC 0.198 AC
21	149121	MAUPPIN ALEXANDER & OFFUT MAUPIN JENNIFER	2498 FM 1387	MIDLOTHIAN	TX	76065-5135	2498 FM 1387 MIDLOTHIAN, TX 76065	0.99	3 COUNTRY EAST 0.99 ACRES
22	149122	TREJO DIANA	103 PETERS ST	WAXAHACHIE	TX	75165	2628 FM 1387 MIDLOTHIAN, TX 76065	0.54	LOT N180 OF 4 COUNTRY EAST ESTS PH1 - REV 0.54 A
23	215928	ROSSER RONALD E & SHIRLEY	800 PARK PLACE BLVD	MIDLOTHIAN	TX	76065-6734	800 PARK PLACE BLVD MIDLOTHIAN, TX 76065	0.33	3 1A PARK PLACE EAST PH VII 0.33 ACRES
24	149114	CURRY RICHARD L III	2648 FM 1387	MIDLOTHIAN	TX	76065-5134	2648 FM 1387 MIDLOTHIAN, TX 76065	0.5	N180 OF 5 COUNTRY EAST 0.5 ACRES
25	199005	BRUMBAUGH TOD	801 VIRGINIA BLVD	MIDLOTHIAN	TX	76065-6725	801 VIRGINIA BLVD MIDLOTHIAN, TX 76065	0.2312	LOT 1 BLK 1 PARK PLACE EAST PH 1 0.2312 AC
26	149115	BAILEY DAN G	2668 FM 1387	MIDLOTHIAN	TX	76065-5134	2668 FM 1387 MIDLOTHIAN, TX 76065	0.57	NPT 6 COUNTRY EAST 0.57 ACRES
27	199001	MADINGER DAVID & ASHLEY	800 VIRGINIA BLVD	MIDLOTHIAN	TX	76065-6724	800 VIRGINIA BLVD MIDLOTHIAN, TX 76065	0.307	LOT 1 BLK 2 PARK PLACE EAST PH 1
28	198991	STEPHENS JOHN LESLIE JR	801 SHORT LINE BLVD	MIDLOTHIAN	TX	76065	801 SHORT LINE BLVD MIDLOTHIAN, TX 76065	0.4686	LOT 10R BLK 2 PARK PLACE EAST PH 1
29	198992	JOHNSTON AARON K	800 SHORT LINE BLVD	MIDLOTHIAN	TX	76065-6727	800 SHORT LINE BLVD MIDLOTHIAN, TX 76065	0.343	LOT 11R BLK 2 PARK PLACE EAST PH 1
30	149117	KINSELLA MICHAEL & BRENDA	2688 FM 1387	MIDLOTHIAN	TX	76065-5134	2688 FM 1387 MIDLOTHIAN, TX 76065	0.58	PT 7 COUNTRY EAST 0.58 ACRES
31	149108	WELLING JIMMY C	2838 FM 1387	MIDLOTHIAN	TX	76065-5133	FM 1387 MIDLOTHIAN, TX 76065	0.86	8 COUNTRY EAST 0.86 ACRES
32	199083	MEADE BEVERLY ANN	802 SHORT LINE BLVD	MIDLOTHIAN	TX	76065-6727	802 SHORT LINE BLVD MIDLOTHIAN, TX 76065	0.4898	LOT 12R BLK 2 PARK PLACE EAST PH 1 0.4898 AC
33	149109	WELLING JIMMY C	2838 FM 1387	MIDLOTHIAN	TX	76065-5133	2838 FM 1387 MIDLOTHIAN, TX 76065	0.84	9 COUNTRY EAST 0.84 ACRES
34	221017	STUBBS JOSEPH KENT	801 NEW YORK AVE	MIDLOTHIAN	TX	76065-8756	801 NEW YORK AVE MIDLOTHIAN, TX 76065	0.59	LOT 19 BLK 2 PARK PLACE EAST PH VIII 0.59 AC
35	261296	MIDLOTHIAN WINDERMERE ESTATES HOMEOWNERS ASSOCIATION	714 DOVER DR	MIDLOTHIAN	TX	76065	ONWARD RD MIDLOTHIAN, TX 76065	5.996	LOT 1 BLK L WINDERMERE ESTATES RETENTION POND 5.996 AC
36	192630	D2 REDDEN LLC	5615 PRESTON FAIRWAYS	DALLAS	TX	75252	2898 FM 1387 MIDLOTHIAN, TX 76065	0.52	1188 F E WITHERSPOON 0.52 ACRES
37	261209	CLEWIS WILBERT L SR & ROSE M	501 ASHBURY DR	MIDLOTHIAN	TX	76065	501 ASHBURY DR MIDLOTHIAN, TX 76065	0.285	LOT 10 BLK E WINDERMERE ESTATES .285 AC
38	261210	FITTEN II TIMOTHY & BRITTANY	3022 LE MANNS ST	MIDLOTHIAN	TX	76065	3022 LE MANNS ST MIDLOTHIAN, TX 76065	0.303	LOT 11 BLK E WINDERMERE ESTATES 0.303 AC
39	261211	JONES DANIEL J & JENNIFER K	3026 LE MANNS ST	MIDLOTHIAN	TX	76065	3026 LE MANNS ST MIDLOTHIAN, TX 76065	0.24	LOT 12 BLK E WINDERMERE ESTATES 0.24 AC
40	261212	ERICSON ARTHUR III & JENNIFER B	3030 LE MANNS ST	MIDLOTHIAN	TX	76065	3030 LE MANNS ST MIDLOTHIAN, TX 76065	0.22	LOT 13 BLK E WINDERMERE ESTATES .22 AC
41	261213	ATWELL FRANK JR & LOIS A	3202 LE MANNS ST	MIDLOTHIAN	TX	76065	3202 LE MANNS ST MIDLOTHIAN, TX 76065	0.22	LOT 14 BLK E WINDERMERE ESTATES .22 AC
42	261214	BRADSHAW-REED DEBORAH & JEREMY REED	3206 LE MANNS ST	MIDLOTHIAN	TX	76065	3206 LE MANNS ST MIDLOTHIAN, TX 76065	0.22	LOT 15 BLK E WINDERMERE ESTATES 0.22 AC
43	261215	PROGRESS RESIDENTIAL BORROWER 20 LLC	PO BOX 4090	SCOTTSDALE	AZ	85261-4090	3210 LE MANNS ST MIDLOTHIAN, TX 76065	0.22	LOT 16 BLK E WINDERMERE ESTATES .22 AC
44	261216	PERRY JOHN JR	3214 LE MANNS ST	MIDLOTHIAN	TX	76065	3214 LE MANNS ST MIDLOTHIAN, TX 76065	0.22	LOT 17 BLK E WINDERMERE ESTATES 0.22 AC
45	261217	WESLEY EPHRAHIM & ANDREA JACKSON	370 N STATE HIGHWAY 360 APT 8209	MANSFIELD	TX	76063-9023	3218 LE MANNS ST MIDLOTHIAN, TX 76065	0.22	LOT 18 BLK E WINDERMERE ESTATES 0.22 AC
46	261218	JONES JOSHUA	3222 LE MANNS ST	MIDLOTHIAN	TX	76065	3222 LE MANNS ST MIDLOTHIAN, TX 76065	0.247	LOT 19 BLK E WINDERMERE ESTATES .247 AC
47	261282	MERGERSON WANDA	3230 LE MANNS ST	MIDLOTHIAN	TX	76065	3230 LE MANNS ST MIDLOTHIAN, TX 76065	0.247	LOT 1 BLK K WINDERMERE ESTATES .247 AC
48	261283	MILLER CARLTON & WANDA J BROOKS-MILLER	3234 LE MANNS ST	MIDLOTHIAN	TX	76065-1294	3234 LE MANNS ST MIDLOTHIAN, TX 76065	0.22	LOT 2 BLK K WINDERMERE ESTATES 0.22 AC
49	261284	MORENO JOSE A & CINTIA L	3238 LE MANNS ST	MIDLOTHIAN	TX	76065	3238 LE MANNS ST MIDLOTHIAN, TX 76065	0.217	LOT 3 BLK K WINDERMERE ESTATES 0.217 AC
55	283850	D2 REDDEN LLC	15108 CANYON CREST	DALLAS	TX	75248-4988	FM 1387 MIDLOTHIAN, TX 76065	5.54	1188 F E WITHERSPOON 5.54 ACRES
55A	283847	RF MIDLOTHIAN OWNER II LP	2800 POST OAK BLVD STE 4800	HOUSTON	TX	77056	FM 1387, MIDLOTHIAN, TX 76065	203.61	

PARCEL OWNER INFORMATION TABLE

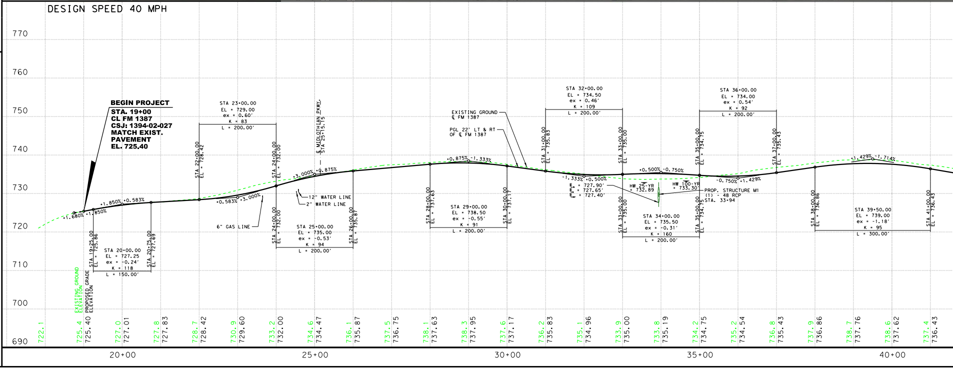

N. MIDLOTHIAN PARKWAY CURVE-1
℄ N. MIDLOTHIAN PKWY
BEGIN PROJECT
STA. 19+00.00
CL FM 1387
CSJ: 1394-02-027
MATCH EXIST.
PAVEMENT
END CONSTRUCTION
℄ N. MIDLOTHIAN PKWY
STA. 11+15
STA. 25+15.15 CL FM 1387 =
STA. 10+00.00 CL N. MIDLOTHIAN PKWY
STA. 14+80.00 CL S. MIDLOTHIAN PKWY
N. MIDLOTHIAN PKWY
S. MIDLOTHIAN PKWY
1A
1
2
2A
3
3A
4
5
6
℄ FM 1387
PROP. ROW
EXIST. ROW
R=70'
R=50'
43' ROW
39' ROW
70' ROW
75' ROW
90' ROW
20+00
25+00
30+00
35+00
40+00
10+00
FM 1387
EXISTING SIGNALIZED INTERSECTION
℄ S. MIDLOTHIAN PKWY
BEGIN CONSTRUCTION
℄ S. MIDLOTHIAN PKWY
STA. 13+25
HAWKINS SPRING PARK
PROP. AREA DRAIN
EXIST. 24" RCP
PROP. GUARD RAIL (TYP.)
PROP. PARALLEL HEADWALL
PROP. STRUCTURE M1
(1) - 48" RCP
STA. 33+94
PROP. CONC RIPRAP
BEGIN EB FM 1387
LANE SHIFT
STA. 30+00.00
END EB FM 1387
LANE SHIFT
STA. 34+00.00
N 89° 54' 31.38" E
100'
STORAGE
375'
DECELERATION
100'
TAPER
LEFT-TURN BAY DETAIL (TYPICAL)
RIGHT-TURN BAY DETAIL (TYPICAL)

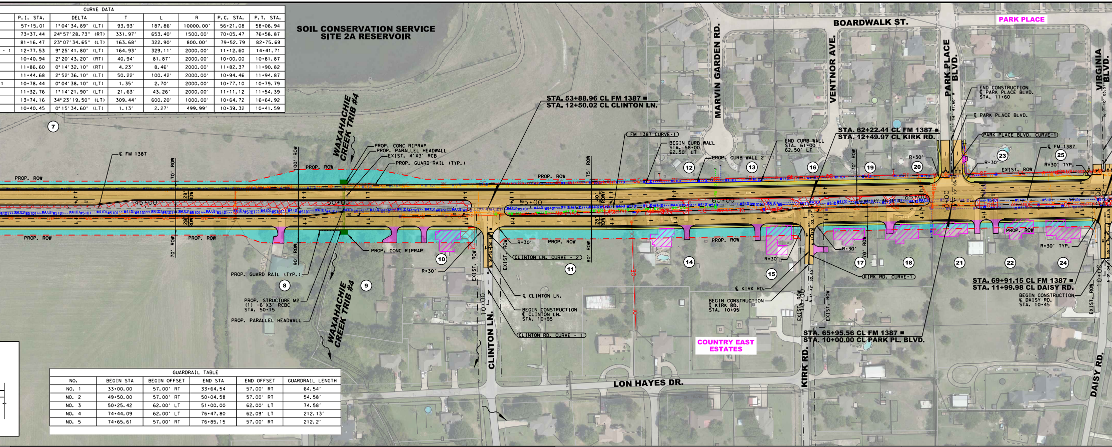
TURN LANE DETAILS				
DIRECTION	INTERSECTION	TAPER LENGTH	STORAGE LENGTH	MEDIAN NOSE RADIUS
EBL	MIDLOTHIAN PKWY.	100'	125'	7.50'
WBL	MIDLOTHIAN PKWY.	100'	375'	7.50'
EBL	STA 40+00	100'	375'	14.00'
WBL	STA 40+00	100'	375'	14.00'
EBL	CLINTON LN.	100'	375'	14.00'
WBL	CLINTON LN.	100'	375'	14.00'
EBL	PARK PLACE BLVD.	100'	375'	14.00'
WBL	PARK PLACE BLVD.	100'	375'	14.00'
EBL	ONWARD RD.	100'	375'	13.00'
WBL	ONWARD RD.	100'	375'	13.00'

CURVE NO.
FM 1387 CURVE - 1
FM 1387 CURVE - 2
FM 1387 CURVE - 3
N. MIDLOTHIAN PARKWAY CURVE
CLINTON RD. CURVE - 1
CLINTON RD. CURVE - 2
KIRK RD. CURVE - 1
PARK PLACE BLVD. CURVE -
DAISY RD. CURVE - 1
ONWARD RD. CURVE - 1
LE MANNS TR. CURVE - 1

NOTES:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.

DESIGN SPEED 40 MPH




SOIL CONSERVATION SERVICE SITE 2A RESERVOIR
BOARDWALK ST.
PARK PLACE
MARVIN GARDEN RD.
VENTNOR AVE.
PARK PLACE BLVD.
VIRGINIA BLVD.
WAXAHACHIE CREEK TRIB #4
STA. 53+88.96 CL FM 1387 ■
STA. 12+50.02 CL CLINTON LN.
STA. 62+22.41 CL FM 1387 ■
STA. 12+49.97 CL KIRK RD.
STA. 65+95.56 CL FM 1387 ■
STA. 10+00.00 CL PARK PL. BLVD.
STA. 69+91.15 CL FM 1387 ■
STA. 11+99.98 CL DAISY RD.
END CONSTRUCTION ℄ PARK PLACE BLVD. STA. 11+60
℄ PARK PLACE BLVD.
PARK PLACE BLVD. CURVE-1
FM 1387 CURVE-1
BEGIN CURB WALL STA. 58+00 62.50' LT
END CURB WALL STA. 61+00 62.50' LT
PROP. CURB WALL 2'
℄ FM 1387
PROP. CONC RIPRAP
PROP. PARALLEL HEADWALL
EXIST. 4'X3' RCB
PROP. GUARD RAIL (TYP.)
PROP. ROW
EXIST. ROW
PROP. STRUCTURE M2 (1) - 6'X3' RCBC STA. 50+15
R=30'
R=30' TYP.
45+00
50+00
55+00
60+00
℄ CLINTON LN.
BEGIN CONSTRUCTION ℄ CLINTON LN. STA. 10+95
CLINTON LN. CURVE - 2
CLINTON RD. CURVE - 1
CLINTON LN.
℄ KIRK RD.
BEGIN CONSTRUCTION ℄ KIRK RD. STA. 10+95
KIRK RD. CURVE-1
KIRK RD.
BEGIN CONSTRUCTION ℄ DAISY RD. STA. 10+45
DAISY RD.
COUNTRY EAST ESTATES
LON HAYES DR.
10" WATER LINE
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

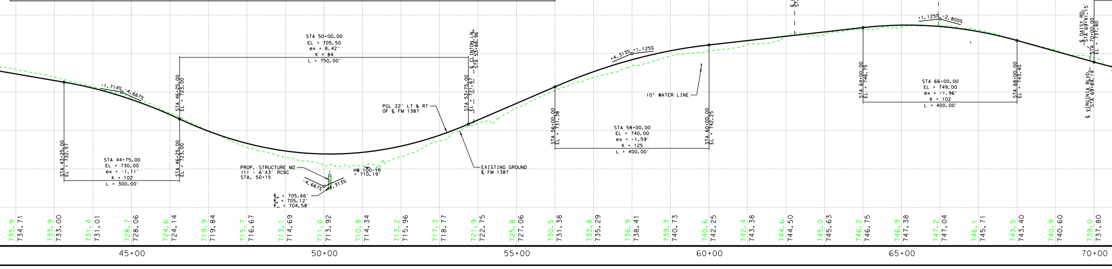
	P.I. STA.	DELTA	T	L	R	P.C. STA.	P.T. STA.
	57+15.01	1°04'34.89" (LT)	93.93'	187.86'	10000.00'	56+21.08	58+08.94
	73+37.44	24°57'28.73" (RT)	331.97'	653.40'	1500.00'	70+05.47	76+58.87
	81+16.47	23°07'34.65" (LT)	163.68'	322.90'	800.00'	79+52.79	82+75.69
- 1	12+77.53	9°25'41.80" (LT)	164.93'	329.11'	2000.00'	11+12.60	14+41.71
	10+40.94	2°20'43.20" (RT)	40.94'	81.87'	2000.00'	10+00.00	10+81.87
	11+86.60	0°14'32.10" (RT)	4.23'	8.46'	2000.00'	11+82.37	11+90.82
	11+44.68	2°52'36.10" (LT)	50.22'	100.42'	2000.00'	10+94.46	11+94.87
1	10+78.44	0°04'38.10" (LT)	1.35'	2.70'	2000.00'	10+77.10	10+79.79
	11+32.76	1°14'21.90" (LT)	21.63'	43.26'	2000.00'	11+11.12	11+54.39
	13+74.16	34°23'19.50" (LT)	309.44'	600.20'	1000.00'	10+64.72	16+64.92
	10+40.45	0°15'34.60" (LT)	1.13'	2.27'	499.99'	10+39.32	10+41.59

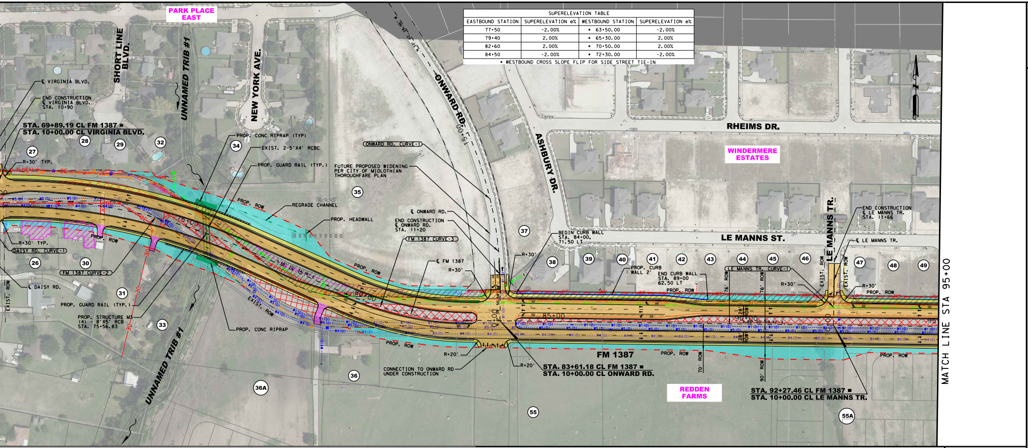
GUARDRAIL TABLE

NO.	BEGIN STA	BEGIN OFFSET	END STA	END OFFSET	GUARDRAIL LENGTH
NO. 1	33+00.00	57.00' RT	33+64.54	57.00' RT	64.54'
NO. 2	49+50.00	57.00' RT	50+04.58	57.00' RT	54.58'
NO. 3	50+25.42	62.00' LT	51+00.00	62.00' LT	74.58'
NO. 4	74+44.09	62.00' LT	76+47.80	62.09' LT	212.13'
NO. 5	74+65.61	57.00' RT	76+85.15	57.00' RT	212.2'

NOTES:

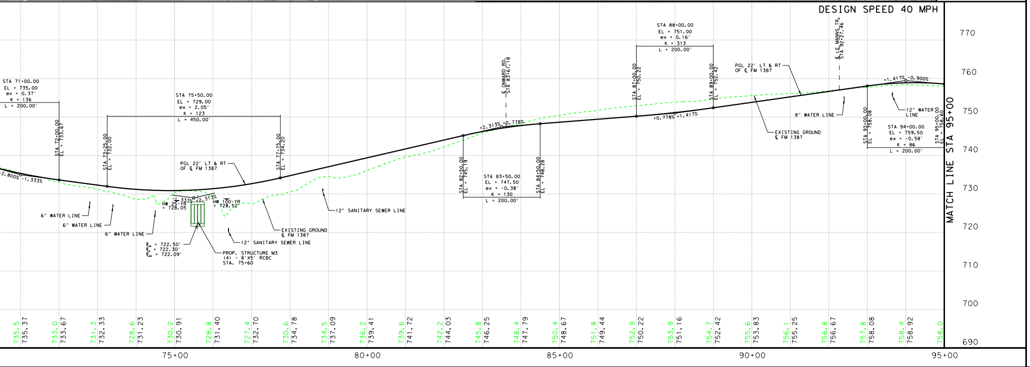
1. EXISTING ROW FOR FM 1387 IS APPARENT ROW PROVIDED BY TXDOT, NOT PER DEED RESEARCH.
2. EXISTING PARCEL LINES ARE APPROXIMATE. GIS PARCEL LINE INFORMATION WAS FOUND TO BE INACCURATE ALONG THE CORRIDOR. PARCELS WERE EDITED TO REFLECT EXISTING FEATURES SHOWN ON AERIAL IMAGERY AND AERIAL SURVEY.
3. AERIAL FLIGHT DATE - JUNE 2017. EXISTING TOPOGRAPHICAL INFORMATION AS PROVIDED BY TXDOT, FEB 2018.
4. TRAFFIC PROJECTIONS PENDING TRANSPORTATION PLANNING & PROGRAMMING (TPP) APPROVAL.
5. EXISTING CREEK CENTERLINE SOURCE: FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), WASHINGTON, D.C., PUBLISHED: 2017-09-27, 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 (LOMRS) THAT HAVE BEEN ISSUED AGAINST THOSE DATABASES SINCE THEIR PUBLICATION DATE. IT IS UPDATED ON A MONTHLY BASIS. THE FIRM DATABASE IS THE 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 AS NEEDED.
6. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE CITY OF MIDLOTHIAN.
7. DESIGN IS SUBJECT TO CHANGE WITHOUT NOTICE.


STA 44+75.00
EL = 730.00
ex = -1.11'
K = 102
L = 300.00'
STA 43+25.00 EL = 732.57
STA 46+25.00 EL = 723.00
-1.714%
-4.667%
STA 50+00.00
EL = 705.50
ex = -8.42'
K = 84
L = 750.00'
STA 53+75.00 EL = 721.67
℄ CLINTON LN. STA 53+88.96
PGL 22' LT & RT OF ℄ FM 1387
PROP. STRUCTURE M2 (1) - 6'X3' RCBC STA. 50+15
HW 100-YR = 710.19'
-4.667%
4.313%
705.66'
705.12'
704.58'
EXISTING GROUND ℄ FM 1387
STA 56+00.00 EL = 731.38
4.313%
1.125%
STA 58+00.00
EL = 740.00
ex = -1.59'
K = 125
L = 400.00'
STA 60+00.00 EL = 742.25
10" WATER LINE
℄ KIRK RD. STA 62+22.4T
STA 64+00.00 EL = 746.75
STA 66+00.00
EL = 749.00
ex = -1.96'
K = 102
L = 400.00'
STA 68+00.00 EL = 743.40
℄ PARK PL. BLVD. STA 65+95.56
-1.125%
-2.800%
℄ VIRGINIA BLVD. STA 69+89.13
℄ DAISY RD. STA 69+91.15
STA 70+00.00 EL = 737.80
735.9 734.71
733.9 733.00
731.4 731.01
728.7 728.06
724.6 724.14
719.9 719.84
715.7 716.67
713.1 714.69
711.0 713.92
710.8 714.34
713.2 715.96
717.3 718.77
721.9 722.75
725.8 727.06
730.5 731.38
733.8 735.29
736.9 738.41
739.3 740.73
740.6 742.25
742.4 743.38
744.6 744.50
745.0 745.63
746.2 746.75
746.9 747.38
747.2 747.04
746.1 745.71
743.5 743.40
740.9 740.60
739.0 737.80
45+00
50+00
55+00
60+00
65+00
70+00


PARK PLACE EAST
SHORT LINE BLVD.
UNNAMED TRIB #1
NEW YORK AVE.
ONWARD RD.
ASHBURY DR.
RHEIMS DR.
WINDERMERE ESTATES
LE MANNS ST.
LE MANNS TR.
℄ VIRGINIA BLVD.
END CONSTRUCTION ℄ VIRGINIA BLVD. STA. 10+90
STA. 69+89.19 CL FM 1387 = STA. 10+00.00 CL VIRGINIA BLVD.
PROP. CONC RIPRAP (TYP)
EXIST. 2-5'X4' RCBC
PROP. GUARD RAIL (TYP.)
ONWARD RD. CURVE-1
FUTURE PROPOSED WIDENING PER CITY OF MIDLOTHIAN THOROUGHFARE PLAN
REGRADE CHANNEL
PROP. HEADWALL
℄ ONWARD RD.
END CONSTRUCTION ℄ ONWARD RD. STA. 11+20
FM 1387 CURVE-3
℄ FM 1387
BEGIN CURB WALL STA. 84+00, 71.50 LT
PROP. CURB WALL 2'
END CURB WALL STA. 89+00 62.50 LT
LE MANNS TR. CURVE-1
END CONSTRUCTION ℄ LE MANNS TR. STA. 11+66
℄ LE MANNS TR.
R=30' TYP.
DAISY RD. CURVE-1
FM 1387 CURVE-2
℄ DAISY RD.
EXIST. ROW
PROP. ROW
PROP. GUARD RAIL (TYP.)
PROP. STRUCTURE M3 (4) - 8'X5' RCB STA. 75+56.83
PROP. CONC RIPRAP
UNNAMED TRIB #1
FM 1387
CONNECTION TO ONWARD RD UNDER CONSTRUCTION
STA. 83+61.18 CL FM 1387 = STA. 10+00.00 CL ONWARD RD.
REDDEN FARMS
STA. 92+27.46 CL FM 1387 = STA. 10+00.00 CL LE MANNS TR.
R=30'
R=20'
85+00
90+00
26
27
28
29
30
31
32
33
34
35
36
36A
37
38
39
40
41
42
43
44
45
46
47
48
49
55
55A
MATCH LINE STA 95+00

SUPERELEVATION TABLE			
EASTBOUND STATION	SUPERELEVATION e%	WESTBOUND STATION	SUPERELEVATION e%
77+50	-2.00%	* 63+50.00	-2.00%
79+40	2.00%	* 65+30.00	2.00%
82+60	2.00%	* 70+50.00	2.00%
84+50	-2.00%	* 72+30.00	-2.00%

* WESTBOUND CROSS SLOPE FLIP FOR SIDE STREET TIE-IN



Texas Department of Transportation

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

FM 1387
60% DESIGN SCHEMATIC

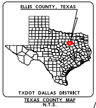
ELLIS COUNTY, TEXAS
FROM NORTH MIDLOTHIAN PARKWAY TO FM 664
CSJ: 1394-02-027
LENGTH: 5.84 MILES
DATED: MARCH 2023

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 1387	40 MPH	PRINCIPAL ARTERIAL
MIDLOTHIAN PARKWAY	45 MPH	MAJOR COLLECTOR
WALLNUT GROVE ROAD	35 MPH	MAJOR COLLECTOR
LONGBRANCH ROAD	35 MPH	MAJOR COLLECTOR
FM 664	55 MPH	MAJOR COLLECTOR
LOCAL STREETS	30 MPH	LOCAL

INDEX OF SHEETS

ROLL 1 OF 8:	PLAN & PROFILE VIEW STA. 19+00 TO STA. 95+00
ROLL 2 OF 8:	PLAN & PROFILE VIEW STA. 95+00 TO STA. 164+00
ROLL 3 OF 8:	PLAN & PROFILE VIEW STA. 164+00 TO STA. 228+00
ROLL 4 OF 8:	PLAN & PROFILE VIEW STA. 228+00 TO STA. 286+00
ROLL 5 OF 8:	PLAN & PROFILE VIEW STA. 286+00 TO STA. 322+40
■ ROLL 6 OF 8:	SUPPLEMENTAL SIDE STREET PROFILES
■ ROLL 7 OF 8:	SUPPLEMENTAL SIDE STREET PROFILES
■ ROLL 8 OF 8:	SUPPLEMENTAL SIDE STREET PROFILES

■ NOT INCLUDED

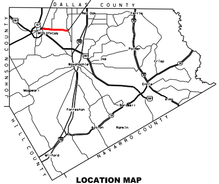

ELLIS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

ROLL 1 OF 8

BEGIN PROJECT
CSJ: 1394-02-027
FM 1387 STA. 19+00

END PROJECT
FM 1387 STA. 322+40
CSJ: 1394-02-027
MATCH EXIST. PROJ. BY OTHERS
CSJ: 1051-01-038


DALLAS COUNTY
JOHNSON COUNTY
HILL COUNTY
NAVARRO COUNTY
Midlothian
Red Oak
Ferris
Waxahachie
Palmer
Ike
Crisp
Ennis
Maypearl
Forreston
Bardwell
Avalon
Rankin
Milford

LOCATION MAP
N.T.S.

LEGEND

·—··—	EXISTING RIGHT OF WAY LINE	🟧	PROPOSED CONCRETE PAVEMENT
—··—	PROPOSED RIGHT OF WAY LINE	🟨	PROPOSED SIDEWALK
—·—·	CENTERLINE	🟪	PROPOSED DRIVEWAY
——	PARCEL LINE	▭	PROPOSED BRIDGE
— — —	CITY/COUNTY BOUNDARY LINE	🟦	ADJACENT PROJECT - BY OTHERS
- - -	EXISTING DRAINAGE	▭	PROPOSED ROW ACQUISITION
·—◄·—	PROPOSED DITCH BOTTOM	←	PROPOSED LANES
▥	PROPOSED DRAINAGE STRUCTURE	(#)	PARCEL IDENTIFYING NUMBER
——	PROPOSED RETAINING WALL	▨	EXISTING PAVEMENT REMOVAL
◄∿	DIRECTION OF FLOW	▨	DISPLACEMENT
▨	EXISTING 100-YEAR FLOODPLAIN	═	METAL BEAM GUARD FENCE (MBGF)
▬	CURB WALL		

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

PRELIMINARY
FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND REGULATORY APPROVAL. THEY ARE NOT INTENDED FOR PERMITTING, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
RANDY L GROS, PE	134559	03/30/2023

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3010 GAYLORD PARKWAY
SUITE 190
FRISCO, TX 75034

FIRM REGISTRATION NO. 5713