Texas Department of Transportation

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

FM 1387
DESIGN SCHEMATIC

ELLIS COUNTY, TEXAS

FROM NORTH MIDLOTHIAN PARKWAY TO FM 664
CSJ: 1394-02-027
LENGTH: 5.2 MILES

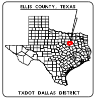
DATED: JULY 2022

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 1387	40 MPH	PRINCIPAL ARTERIAL
INTERSECTING STREETS	30 MPH	LOCAL

INDEX OF SHEETS

ROLL 1 OF 10:	PLAN & PROFILE VIEW STA. 19+00 TO STA. 95+00
ROLL 2 OF 10:	PLAN & PROFILE VIEW STA. 95+00 TO STA. 164+00
ROLL 3 OF 10:	PLAN & PROFILE VIEW STA. 164+00 TO STA. 228+00
ROLL 4 OF 10:	PLAN & PROFILE VIEW STA. 228+00 TO STA. 297+92 (NORTH ALTERNATIVE)
ROLL 5 OF 10:	PLAN & PROFILE VIEW STA. 229+00 TO STA. 286+00 (SOUTH ALTERNATIVE)
ROLL 6 OF 10:	PLAN & PROFILE VIEW STA. 286+00 TO STA. 322+08 (SOUTH ALTERNATIVE)
■ROLL 7 OF 10:	SUPPLEMENTAL SIDE STREET PROFILES
■ROLL 8 OF 10:	SUPPLEMENTAL SIDE STREET PROFILES
■ROLL 9 OF 10:	SUPPLEMENTAL SIDE STREET PROFILES (NORTH ALTERNATIVE)
■ROLL 10 OF 10:	SUPPLEMENTAL SIDE STREET PROFILES (SOUTH ALTERNATIVE)

■NOT INCLUDED

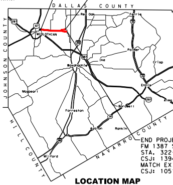

ELLIS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

ROLL 1 OF 10

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

END PROJECT
FM 1387 NORTH ALTERNATIVE
STA. 297+92
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
Ike
Crisp
Waxahachie
Ennis
Maypearl
Bardwell
Alma
Forreston
Avalon
Rankin
Milford
287
67
35E
45
34
35E

END PROJECT
FM 1387 SOUTH ALTERNATIVE
STA. 322+08
CSJ: 1394-02-027
MATCH EXIST. PROJ. BY OTHERS
CSJ: 1051-01-038

LOCATION MAP
N.T.S.

LEGEND

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

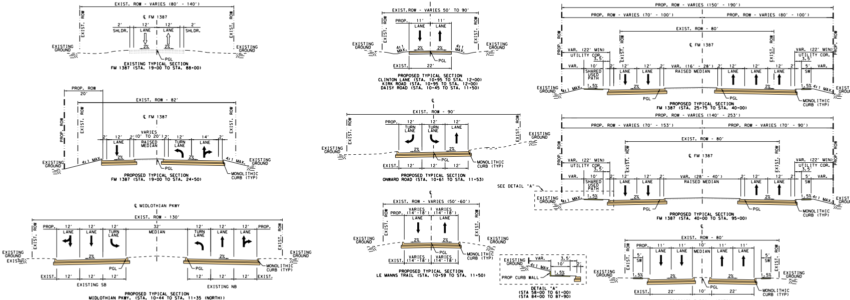
SCALE: 1″=100′ H, 1″=10′ V

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	07/29/2022

GARVER
3010 GAYLORD PARKWAY
SUITE 190
FRISCO, TX 75034

FIRM REGISTRATION NO. 5713


EXIST. ROW - VARIES (80′ - 140′)
℄ FM 1387
2′ SHLDR.
12′ LANE
EXIST. ROW
EXISTING GROUND
PGL
PROP. ROW 20′
EXIST. ROW - 82′
VARIES (0′ TO 20′) RAISED MEDIAN
12′ TURN LANE
14′ LANE
4:1 MAX.
MONOLITHIC CURB (TYP)
℄ MIDLOTHIAN PKWY
EXIST. ROW - 130′
32′ MEDIAN
EXISTING SB
EXISTING NB
EXIST.ROW - VARIES 50′ TO 90′
EXIST. ROW - 90′
EXIST. ROW - VARIES (50′-60′)
VARIES (14′-18′)
PROP. ROW - VARIES (150′ - 190′)
PROP. ROW - VARIES (70′ - 100′)
PROP. ROW - VARIES (80′ - 100′)
EXIST. ROW - 80′
VAR. (22′ MIN) UTILITY COR.
10′ SHARED USED PATH
VAR. (16′ - 28′) RAISED MEDIAN
5′ SW
PROP. ROW - VARIES (140′ - 253′)
PROP. ROW - VARIES (70′ - 153′)
PROP. ROW - VARIES (70′ - 90′)
VAR. (28′ - 40′) RAISED MEDIAN
SEE DETAIL "A"
PROP CURB WALL
10′ MEDIAN
2%
1.5%

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+35 (NORTH))
MIDLOTHIAN PKWY. (STA. 13+50 TO STA. 14+30 (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+53)

PROPOSED TYPICAL SECTION
LE MANNS TRAIL (STA. 10+59 TO STA. 11+50)

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

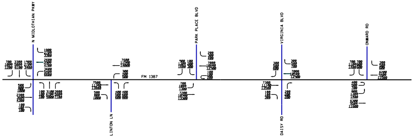
PROPOSED TYPICAL SECTION
FM 1387 (STA. 25+75 TO STA. 40+00)

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.]

LEGEND
OPENING YEAR (2025)
DESIGN YEAR (2045)
PAVEMENT YEAR (2055)


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

TRAFFIC LINE DIAGRAM [N.T.S.]

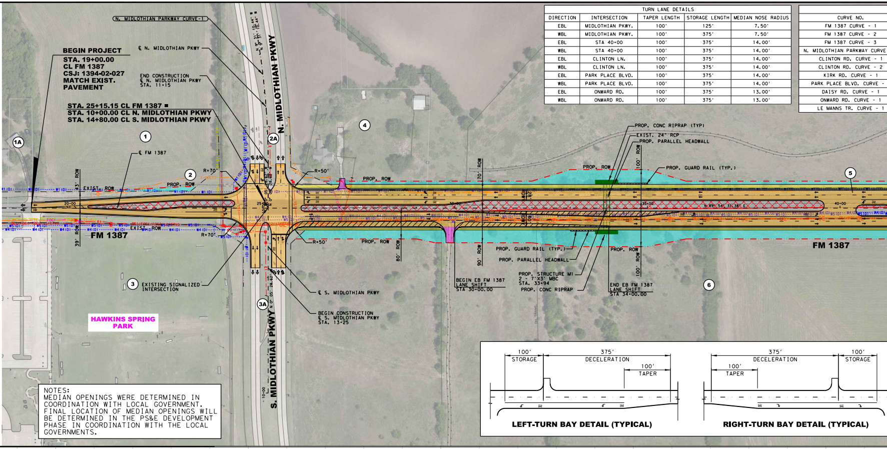
NOTE:
SOURCE OF DATA: TXDOT, TRANSPORTATION PROGRAMMING AND PLANNING DIVISION MEMORANDUM, NOVEMBER 16, 2017.

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	HART ANNA L	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	SAYLES JENNIFER L & LESLIE J	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	JEFFCOAT DILLON P & COURTNEY	3210 LE MANNS ST	MIDLOTHIAN	TX	76065	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	WARREN PAUL	3218 LE MANNS ST	MIDLOTHIAN	TX	76065	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	227463	D2 REDDEN LLC	5615 PRESTON FAIRWAYS	DALLAS	TX	75252	FM 1387 MIDLOTHIAN, TX 76065	302.334	1188 F E WITHERSPOON & 1333 W J ELY & 700 B MONROE & 1245 W G STEWART & 556 R A BULLOCK 302.334 ACRES

PARCEL OWNER INFORMATION TABLE

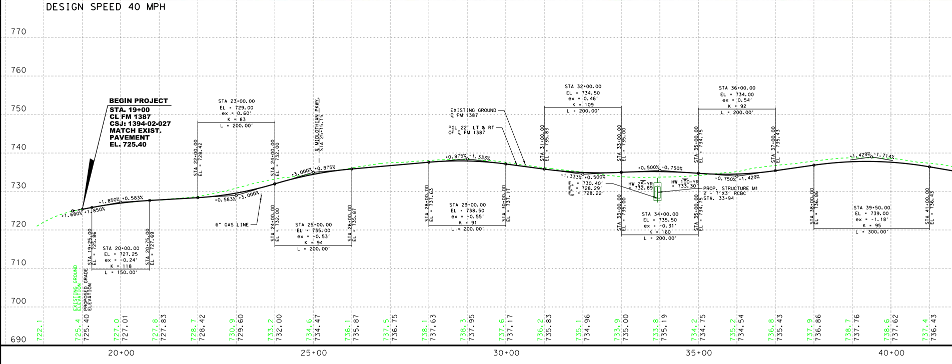
TURN LANE DETAILS				
DIRECTION	INTERSECTION	TAPER LENGTH	STORAGE LENGTH	MEDIAN NOSE RADIUS
EBL	MIDLOTHIAN PKWY.	100′	125′	7.50′
WBL	MIDLOTHIAN PKWY.	100′	375′	7.50′
EBL	STA 40+00	100′	375′	14.00′
WBL	STA 40+00	100′	375′	14.00′
EBL	CLINTON LN.	100′	375′	14.00′
WBL	CLINTON LN.	100′	375′	14.00′
EBL	PARK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

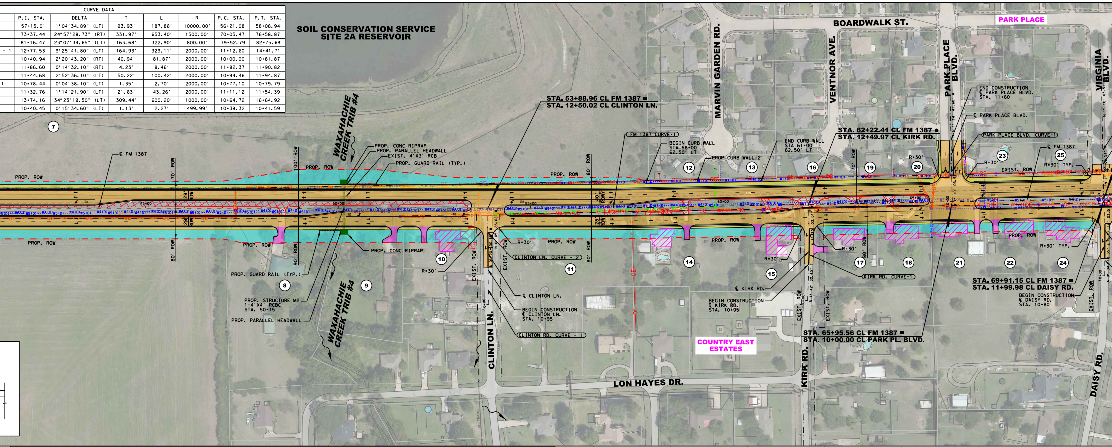
CURVE NO.
FM 1387 CURVE - 1
FM 1387 CURVE - 2
FM 1387 CURVE - 3
N. MIDLOTHIAN PARKWAY CURVE
CLINTON RD. CURVE - 1
CLINTON RD. CURVE - 2
KIRK RD. CURVE - 1
PARK PLACE BLVD. CURVE -
DAISY RD. CURVE - 1
ONWARD RD. CURVE - 1
LE MANNS TR. CURVE - 1


N. MIDLOTHIAN PARKWAY CURVE-1
BEGIN PROJECT
STA. 19+00.00
CL FM 1387
CSJ: 1394-02-027
MATCH EXIST.
PAVEMENT
℄ N. MIDLOTHIAN PKWY
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
1A
1
2
2A
3
3A
4
5
6
℄ FM 1387
R=70′
R=50′
43′ ROW
39′ ROW
EXIST. ROW
PROP. ROW
FM 1387
3 EXISTING SIGNALIZED INTERSECTION
HAWKINS SPRING PARK
℄ S. MIDLOTHIAN PKWY
BEGIN CONSTRUCTION
℄ S. MIDLOTHIAN PKWY
STA. 13+25
S. MIDLOTHIAN PKWY
70′ ROW
80′ ROW
90′ ROW
100′ ROW
PROP. CONC RIPRAP (TYP)
EXIST. 24" RCP
PROP. PARALLEL HEADWALL
PROP. GUARD RAIL (TYP.)
PROP. GUARD RAIL (TYP.)
PROP. PARALLEL HEADWALL
PROP. STRUCTURE M1
2 - 7′X3′ MBC
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
20+00
25+00
30+00
35+00
40+00
100′
STORAGE
375′
DECELERATION
100′
TAPER
LEFT-TURN BAY DETAIL (TYPICAL)
375′
DECELERATION
100′
STORAGE
100′
TAPER
RIGHT-TURN BAY DETAIL (TYPICAL)

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





CURVE DATA							
	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

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.
END CONSTRUCTION
℄ PARK PLACE BLVD.
STA. 11+60
℄ PARK PLACE BLVD.
PARK PLACE BLVD. CURVE-1
℄ FM 1387
FM 1387 CURVE-1
BEGIN CURB WALL
STA 58+00
62.50′ LT
PROP. CURB WALL 2′
END CURB WALL
STA 61+00
62.50′ LT
PROP. CONC RIPRAP
PROP. PARALLEL HEADWALL
EXIST. 4′X3′ RCB
PROP. GUARD RAIL (TYP.)
PROP. ROW
EXIST. ROW
R=30′
R=30′ TYP.
100′ ROW
70′ ROW
80′ ROW
90′ ROW
28′ ROW
40′ ROW
7
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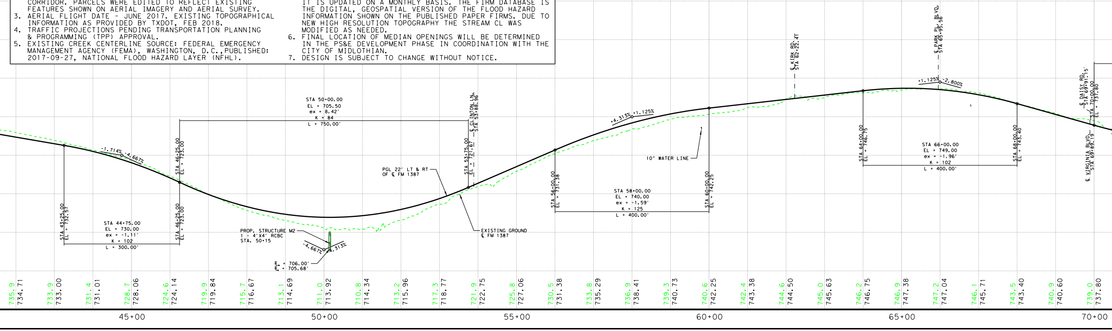
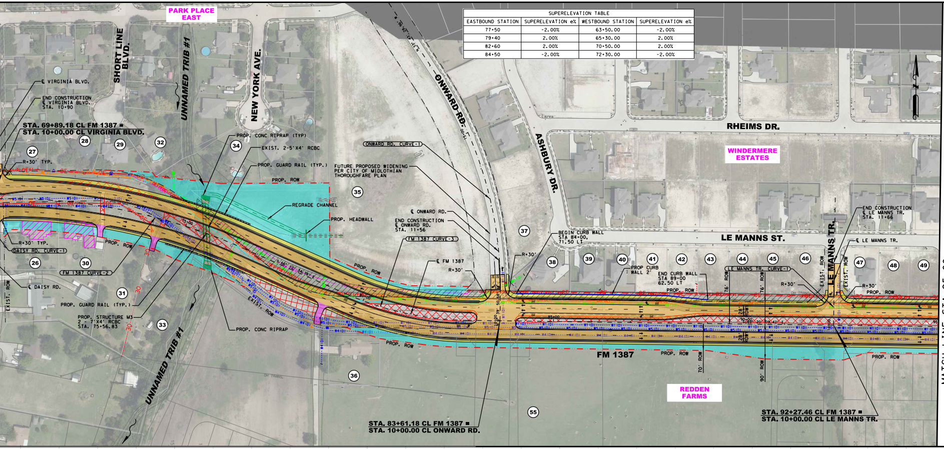
25
PROP. STRUCTURE M2
1-4′X4′ RCBC
STA. 50+15
PROP. PARALLEL HEADWALL
℄ CLINTON LN.
BEGIN CONSTRUCTION
℄ CLINTON LN.
STA. 10+95
CLINTON LN. CURVE - 2
CLINTON RD. CURVE - 1
CLINTON LN.
℄ KIRK RD.
BEGIN CONSTRUCTION
℄ KIRK RD.
STA. 10+95
KIRK RD. CURVE-1
KIRK RD.
COUNTRY EAST ESTATES
STA. 65+95.56 CL FM 1387
STA. 10+00.00 CL PARK PL. BLVD.
STA. 69+91.15 CL FM 1387
STA. 11+99.98 CL DAISY RD.
BEGIN CONSTRUCTION
℄ DAISY RD.
STA. 10+80
DAISY RD.
LON HAYES DR.
50+00
55+00
60+00

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.




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.
REDDEN FARMS
FM 1387
℄ VIRGINIA BLVD.
END CONSTRUCTION ℄ VIRGINIA BLVD. STA. 10+90
STA. 69+89.18 CL FM 1387 = STA. 10+00.00 CL VIRGINIA BLVD.
R=30' TYP.
R=30' TYP.
DAISY RD. CURVE-1
FM 1387 CURVE-2
℄ DAISY RD.
EXIST. ROW
PROP. GUARD RAIL (TYP.)
PROP. STRUCTURE M3 2 - 7'X4' RCBC STA. 75+56.83
PROP. CONC RIPRAP (TYP)
EXIST. 2-5'X4' RCBC
PROP. GUARD RAIL (TYP.)
PROP. ROW
REGRADE CHANNEL
PROP. HEADWALL
PROP. CONC RIPRAP
EXIST. ROW
PROP. ROW
ONWARD RD. CURVE-1
FUTURE PROPOSED WIDENING PER CITY OF MIDLOTHIAN THOROUGHFARE PLAN
℄ ONWARD RD.
END CONSTRUCTION ℄ ONWARD RD. STA. 11+56
FM 1387 CURVE-3
℄ FM 1387
R=30'
R=30'
BEGIN CURB WALL STA 84+00, 71.50 LT
PROP CURB WALL 2'
END CURB WALL STA 89+00 62.50 LT
PROP. ROW
LE MANNS TR. CURVE-1
76' ROW
76' ROW
28' ROW
28' ROW
70' ROW
90' ROW
EXIST. ROW
EXIST. ROW
R=30'
R=30'
END CONSTRUCTION ℄ LE MANNS TR. STA. 11+66
℄ LE MANNS TR.
PROP. ROW
PROP. ROW
STA. 83+61.18 CL FM 1387 = STA. 10+00.00 CL ONWARD RD.
STA. 92+27.46 CL FM 1387 = STA. 10+00.00 CL LE MANNS TR.
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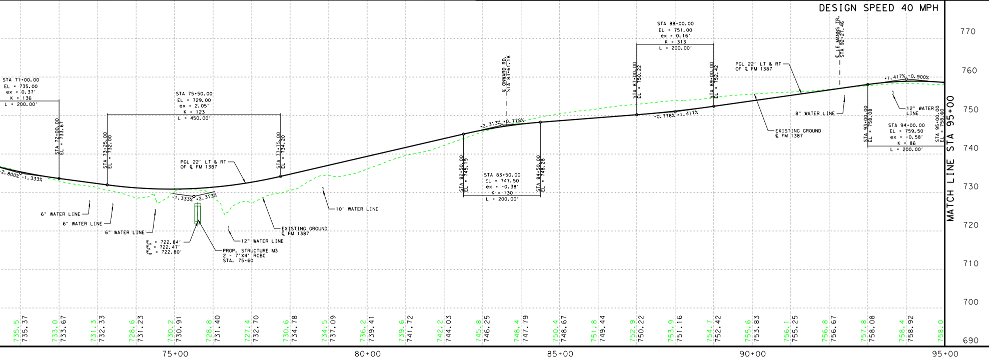
MATCH LINE STA 95+00

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%



Texas Department of Transportation

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

FM 1387
DESIGN SCHEMATIC

ELLIS COUNTY, TEXAS

FROM NORTH MIDLOTHIAN PARKWAY TO FM 664
CSJ: 1394-02-027
LENGTH: 5.2 MILES

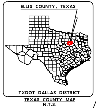
DATED: JULY 2022

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 1387	40 MPH	PRINCIPAL ARTERIAL
INTERSECTING STREETS	30 MPH	LOCAL

INDEX OF SHEETS

ROLL 1 OF 10: PLAN & PROFILE VIEW STA. 19+00 TO STA. 95+00
ROLL 2 OF 10: PLAN & PROFILE VIEW STA. 95+00 TO STA. 164+00
ROLL 3 OF 10: PLAN & PROFILE VIEW STA. 164+00 TO STA. 228+00
ROLL 4 OF 10: PLAN & PROFILE VIEW STA. 228+00 TO STA. 297+92 (NORTH ALTERNATIVE)
ROLL 5 OF 10: PLAN & PROFILE VIEW STA. 229+00 TO STA. 286+00 (SOUTH ALTERNATIVE)
ROLL 6 OF 10: PLAN & PROFILE VIEW STA. 286+00 TO STA. 322+08 (SOUTH ALTERNATIVE)
■ROLL 7 OF 10: SUPPLEMENTAL SIDE STREET PROFILES
■ROLL 8 OF 10: SUPPLEMENTAL SIDE STREET PROFILES
■ROLL 9 OF 10: SUPPLEMENTAL SIDE STREET PROFILES (NORTH ALTERNATIVE)
■ROLL 10 OF 10: SUPPLEMENTAL SIDE STREET PROFILES (SOUTH ALTERNATIVE)
■NOT INCLUDED

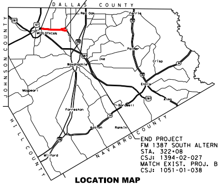
ROLL 1 OF 10


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 NORTH ALTERNATIVE
STA. 297+92
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
Crisp
Waxahachie
Ike
Ennis
Maypearl
Bardwell
Forreston
Avalon
Rankin
Milford
67
287
35E
45

END PROJECT
FM 1387 SOUTH ALTERNATIVE
STA. 322+08
CSJ: 1394-02-027
MATCH EXIST. PROJ. BY OTHERS
CSJ: 1051-01-038

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

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	07/29/2022

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SUITE 190
FRISCO, TX 75034

FIRM REGISTRATION NO. 5713