Texas Department of Transportation

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

FM 1387
100% DESIGN SCHEMATIC

ELLIS COUNTY, TEXAS
FROM NORTH MIDLOTHIAN PARKWAY TO FM 664
CSJ's: 1394-02-027 & 1394-01-002
LENGTH: 5.75 MILES
DATED: AUGUST 2024

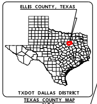
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 1387	40 MPH	PRINCIPAL ARTERIAL
MIDLOTHIAN PARKWAY	45 MPH	MAJOR COLLECTOR
WALLNUT GROVE ROAD	35 MPH	MAJOR COLLECTOR
LONGBRANCH ROAD	35 MPH	MAJOR COLLECTOR
FM 664	55 MPH	MAJOR COLLECTOR
LOCAL STREETS	30 MPH	LOCAL

INDEX OF SHEETS

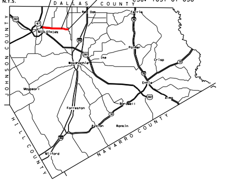
ROLL 1 OF 8: PLAN & PROFILE VIEW STA. 19+00 TO STA. 95+00
ROLL 2 OF 8: PLAN & PROFILE VIEW STA. 95+00 TO STA. 164+00
ROLL 3 OF 8: PLAN & PROFILE VIEW STA. 164+00 TO STA. 228+00
ROLL 4 OF 8: PLAN & PROFILE VIEW STA. 228+00 TO STA. 286+00
ROLL 5 OF 8: PLAN & PROFILE VIEW STA. 286+00 TO STA. 322+36
■ ROLL 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. 286+00
CSJ: 1394-02-027
BEGIN PROJECT
CSJ: 1394-01-002
END PROJECT
FM 1387 STA. 322+42.68
CSJ: 1394-01-002
MATCH EXIST. PROJ. BY OTHERS
CSJ: 1051-01-038
DALLAS COUNTY
JOHNSON COUNTY
HILL COUNTY
NAVARRO COUNTY
MIDLOTHIAN
Red Oak
Ferris
Palmer
Ike
Waxahachie
Crisp
Ennis
Maypearl
Bardwell
Alma
Forreston
Avalon
Rankin
Milford
287
67
45
35E
34

LOCATION MAP
N.T.S.

LEGEND

EXISTING RIGHT OF WAY LINE	PROPOSED DRAINAGE EASEMENT
PROPOSED RIGHT OF WAY LINE	PROPOSED CONCRETE PAVEMENT
RIGHT OF WAY LINE BY OTHERS	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
FEMA 100 YR FLOODPLAIN LIMITS	POTENTIAL IMPACTED PROPERTY
CURB WALL	METAL BEAM GUARD FENCE (MBGF)
SOUND WALL	DEDICATION FOR TRANSPORTATION USE

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

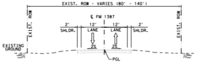
PRELIMINARY
FOR INTERIM REVIEW ONLY

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:

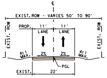
RANDY L GROS, PE 134559 8/05/2024
NAME P.E. NO. DATE

GARVER
3000 INTERNET BLVD
SUITE 400
FRISCO, TX 75034

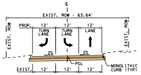
FIRM REGISTRATION NO. 5713


EXIST. ROW - VARIES (80' - 140')
℄ FM 1387
2' SHLDR.
12' LANE
12' LANE
2' SHLDR.
EXIST. ROW
EXISTING GROUND
2%
PGL

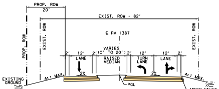
EXISTING TYPICAL SECTION
FM 1387 (STA. 19+00 TO STA. 88+00)


℄
EXIST. ROW - VARIES 50' TO 90'
PROP. 11' 11'
LANE LANE
EXIST. ROW
4:1 MAX.
2%
PGL
EXIST. 22'

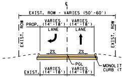
PROPOSED TYPICAL SECTION
CLINTON LANE (STA. 10+95 TO STA. 12+00)
KIRK ROAD (STA. 10+95 TO STA. 12+00)
DAISY ROAD (STA. 10+45 TO STA. 11+50)


℄
EXIST. ROW - 63.64'
PROP. 12' 12' 12'
TURN LANE
TURN LANE
LANE
2%
PGL
MONOLITHIC CURB (TYP)
EXIST. 12' 12' 12'

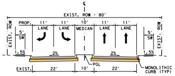
PROPOSED TYPICAL SECTION
ONWARD ROAD (STA. 10+61 TO STA. 11+20)


PROP. ROW 20'
EXIST. ROW - 82'
℄ FM 1387
VARIES (0' TO 20')
2' 12' 2' 2' 12' 12' 2'
LANE
RAISED MEDIAN
TURN LANE
LANE
4:1 MAX.
2%
EXISTING GROUND
PGL
MONOLITHIC CURB (TYP)

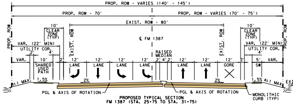
PROPOSED TYPICAL SECTION
FM 1387 (STA. 19+00 TO STA. 24+50)


℄
EXIST. ROW - VARIES (50'-60')
PROP. VARIES (14'-18') VARIES (14'-18')
LANE LANE
2%
PGL
MONOLITHIC CURB (TYP)
EXIST. VARIES (14'-18') VARIES (14'-18')

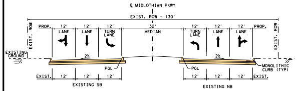
PROPOSED TYPICAL SECTION
LE MANNS TRAIL (STA. 10+59 TO STA. 11+66)


℄
EXIST. ROW - 80'
PROP. 11' 11' 10' 11' 11'
5' SW
LANE LANE MEDIAN LANE LANE
1.5%
2%
PGL
MONOLITHIC CURB (TYP)
EXIST. 22' 10' 22'

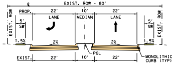
PROPOSED TYPICAL SECTION
PARK PLACE BLVD (STA. 10+50 TO STA. 11+60)


PROP. ROW - VARIES (140' - 145')
PROP. ROW - 70'
PROP. ROW - VARIES (70' - 75')
EXIST. ROW - 80'
℄ FM 1387
10' CLEAR ZONE (TYP)
VAR. (22' MIN) UTILITY COR.
RAISED MEDIAN
SHARED USED PATH
LANE LANE LANE LANE
LANE LANE GORE
SW
4:1 MAX.
1.5%
2%
PGL & AXIS OF ROTATION
MONOLITHIC CURB (TYP)

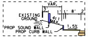
PROPOSED TYPICAL SECTION
FM 1387 (STA. 25+75 TO STA. 31+75)


℄ MIDLOTHIAN PKWY
EXIST. ROW - 130'
PROP. 12' 12' 12' 32' 12' 12' 12' PROP.
LANE LANE TURN LANE MEDIAN TURN LANE LANE LANE
EXISTING GROUND
2%
PGL
MONOLITHIC CURB (TYP)
EXIST. 12' 12' 12'
EXISTING SB
12' 12' 12' EXIST.
EXISTING NB

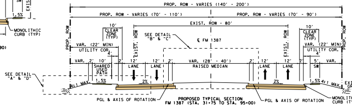
PROPOSED TYPICAL SECTION
MIDLOTHIAN PKWY. (STA. 10+44 TO STA. 11+15 (NORTH))
MIDLOTHIAN PKWY. (STA. 13+25 TO STA. 14+44 (SOUTH))


℄
EXIST. ROW - 80'
PROP. 22' 10' 22'
5' SW
LANE MEDIAN LANE
1.5%
2%
PGL
MONOLITHIC CURB (TYP)
EXIST. 22' 10' 22'

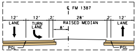
PROPOSED TYPICAL SECTION
VIRGINIA BLVD (STA. 10+50 TO STA. 10+90)


VAR.
3' 1' 1' 8' 2'
EXISTING GROUND
4:1 MAX.
1.5%
PROP SOUND WALL
PROP CURB WALL

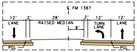
DETAIL "A"
FM 1387 CURB WALL
(STA 58+00 TO 58+20) LT.
FM 1387 CURB WALL & SOUND WALL
(STA 58+20 TO 61+00) LT.
(STA 84+00 TO 89+00) LT.
FM 1387 SOUND WALL
(STA 61+00 TO 73+87) LT.
(STA 89+00 TO 95+00) LT.


PROP. ROW - VARIES (140' - 200')
PROP. ROW - VARIES (70' - 110')
PROP. ROW - VARIES (70' - 90')
EXIST. ROW - 80'
SEE DETAIL "B" & "C"
SEE DETAIL "A" & "D"
℄ FM 1387
10' CLEAR ZONE (TYP)
VAR. (22' MIN) UTILITY COR.
SHARED USED PATH
LANE LANE
VAR. (28' - 40') RAISED MEDIAN
LANE LANE
SW
4:1 MAX.
1.5%
2%
PGL & AXIS OF ROTATION
MONOLITHIC CURB (TYP)

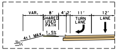
PROPOSED TYPICAL SECTION
FM 1387 (STA. 31+75 TO STA. 95+00)


℄ FM 1387
12' 12' 2' 28' 2' 12'
LANE TURN LANE RAISED MEDIAN LANE
8'
PGL

DETAIL "B"
WESTBOUND LEFT TURN LANES
(STA 54+45 TO STA 57+58)
(STA 84+14 TO STA 87+89)

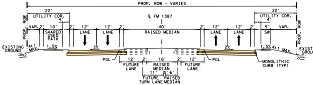

℄ FM 1387
12' 2' 28' 2' 12' 12'
LANE RAISED MEDIAN TURN LANE LANE
8'
PGL

DETAIL "C"
EASTBOUND LEFT TURN LANES
(STA 62+10 TO STA 65+23)
(STA 79+22 TO STA 83+76)


VAR. 8' 4' 2' 11' 12'
SHARED USED PATH
TURN LANE
LANE
4:1 MAX.
1.5%

DETAIL "D"
WESTBOUND RIGHT TURN LANES
STA 92+73 TO STA 95+00

TYPICAL SECTIONS [N.T.S.]

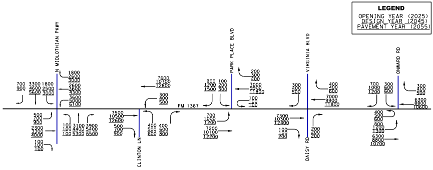

PROP. ROW - VARIES
22' UTILITY COR.
℄ FM 1387
VAR. 2' 10' 2' 12' 12' 2' 40' 2' 12' 12' 2' 5' VAR.
SHARED USED PATH
LANE LANE
RAISED MEDIAN
LANE LANE
SW
EXISTING GROUND
4:1 MAX.
1.5%
2%
PGL
12' 2' 16' 2' 12'
FUTURE LANE
RAISED MEDIAN
FUTURE LANE
11' 6'
FUTURE TURN LANE
RAISED MEDIAN
MONOLITHIC CURB (TYP)

PROPOSED ULTIMATE TYPICAL SECTION
FM 1387 (STA. 26+00 TO STA. 95+00)

ULTIMATE TYPICAL SECTIONS [N.T.S.]

PARCEL ID	OWNER
1	DENTON L R
1A	MIDTEXAS INTERNATIONAL CENTER
2	MIDLOTHIAN CITY OF
2A	MIDLOTHIAN CITY OF
3	MIDLOTHIAN CITY OF
3A	MIDLOTHIAN CITY OF
4	HOPPER GEORGE D TRUSTEE
5	MIDLOTHIAN CITY OF
6	DENTON L R TRUSTEE
7	DENTON L R TRUSTEE
8	SMITH RANDALL D & NICOLA A
9	LANGSTON NATHANAEL R
10	COOPER DANIEL & LENA M
11	HERNANDEZ ALEJANDRO JR & VERONICA
12	KAHLER DAVID G JR & PRIEST AIMEE M
13	HARTSOCK RAYMIE TRUST
14	AGUILERA, LUIS A L & ANA L L
15	RESIDENTIAL HOLDINGS LLC
16	HARDEGREE CRAIG & VANESSA
17	WEBB CYNTHIA
18	BOSTWICK DAVID L & ANGIE J
19	US SFE ASSET COMPANY 3 LLC
20	ALTO ASSET COMPANY 1 LLC
21	MAUPPIN ALEXANDER & OFFUTT MAUPPIN JENNIFER
22	TREJO DIANA
23	ROSSER RONALD E & SHIRLEY
24	CURRY RICHARD L III
25	BRUMBAUGH TOD
26	BAILEY DAN G
27	MADINGER DAVID & ASHLEY
28	STEPHENS JOHN LESLIE JR
29	JOHNSTON AARON K
30	KINSELLA MICHAEL & BRENDA
31	WELLING JIMMY C
32	HERNANDEZ ALEJANDRO
33	WELLING JIMMY C
34	MITCHELL JAMES A & EXIMANDA M
35	MIDLOTHIAN WINDERMERE ESTATES HOMEOWNERS ASSOCIATION
36	D2 REDDEN LLC
37	CLEWIS WILBERT L SR & ROSE M
38	FITTEN II TIMOTHY & BRITTANY
39	JONES DANIEL J & JENNIFER K
40	ERICSON ARTHUR III & JENNIFER B
41	ATWELL FRANK JR & LOIS A
42	BRADSHAW-REED DEBORAH & JEREMY REED
43	PROGRESS RESIDENTIAL BORROWER 20 LLC
44	PERRY JOHN JR
45	WESLEY EPHRAHIM & ANDREA JACKSON
46	JONES JOSHUA
47	MERGERSON WANDA
48	MILLER CARLTON & WANDA J BROOKS-MILLER
49	MORENO JOSE A & CINTIA L
55	D2 REDDEN LLC
55A	RF MIDLOTHIAN OWNER II LP

PARCEL OWNER INFORMATION TABLE


LEGEND
OPENING YEAR (2025)
DESIGN YEAR (2045)
PAVEMENT YEAR (2055)
N MIDLOTHIAN PKWY
CLINTON LN
FM 1387
PARK PLACE BLVD
VIRGINIA BLVD
DAISY RD
ONWARD RD
700 900
3300 4600 5600
1800 2500 3000
1800 2600 3000
2600 3600 4300
3600 5000 6100
500 700 900
2300 3300 4000
100 100 100
100 100 100
3100 4400 5300
3900 5400 6500
7600 10700 12800
300 400 500
7500 10500 12600
500 700 900
400 500 600
400 600 800
900 1200 1500
100 200 300
200 300 400
7000 9900 11800
100 100 100
700 1000 1200
7200 10100 12200
300 400 500
400 400 600
7000 9900 11800
7300 10300 12400
100 100 200
200 200 200
700 1000 1200
300 600 600
300 400 500
6300 8800 10600
400 500 600
800 1200 1300
6300 8800 10700

TRAFFIC LINE DIAGRAM [N.T.S.]

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

STING
ROUND

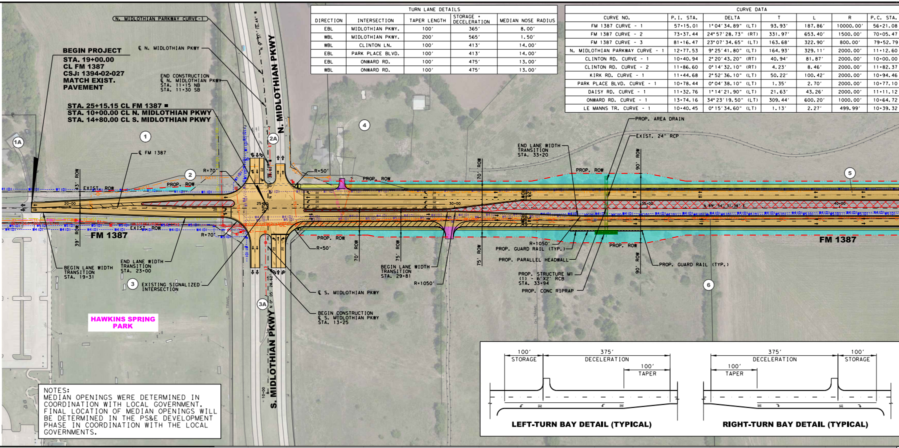
STING
ROUND

HIC
YP)

ION

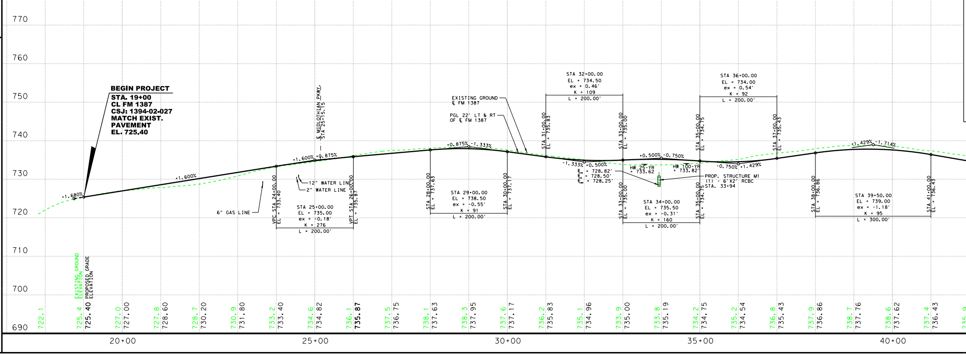
TURN LANE DETAILS				
DIRECTION	INTERSECTION	TAPER LENGTH	STORAGE + DECELERATION	MEDIAN NOSE RADIUS
EBL	MIDLOTHIAN PKWY.	100′	365′	8.00′
WBL	MIDLOTHIAN PKWY.	200′	565′	1.50′
WBL	CLINTON LN.	100′	413′	14.00′
EBL	PARK PLACE BLVD.	100′	413′	14.00′
EBL	ONWARD RD.	100′	475′	13.00′
WBL	ONWARD RD.	100′	475′	13.00′

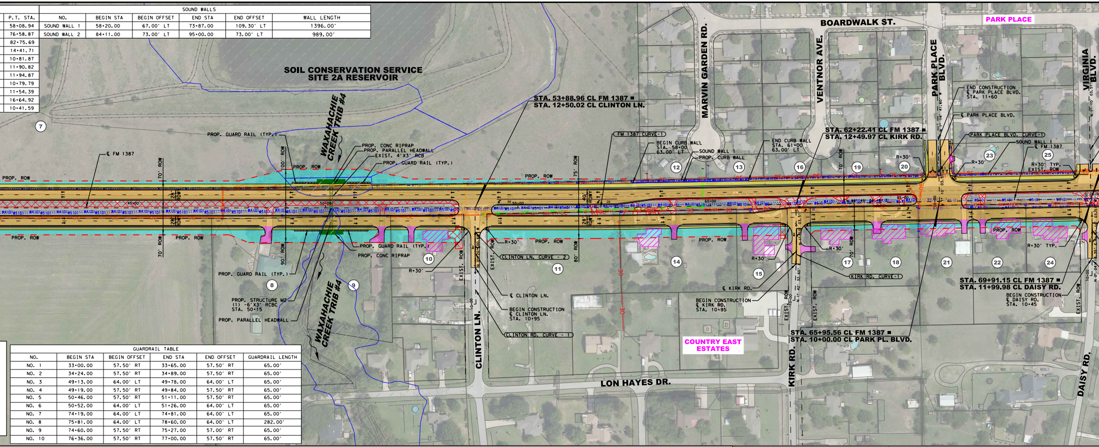
CURVE DATA						
CURVE NO.	P.I. STA.	DELTA	T	L	R	P.C. STA.
FM 1387 CURVE - 1	57+15.01	1°04′34.89" (LT)	93.93′	187.86′	10000.00′	56+21.08
FM 1387 CURVE - 2	73+37.44	24°57′28.73" (RT)	331.97′	653.40′	1500.00′	70+05.47
FM 1387 CURVE - 3	81+16.47	23°07′34.65" (LT)	163.68′	322.90′	800.00′	79+52.79
N. MIDLOTHIAN PARKWAY CURVE - 1	12+77.53	9°25′41.80" (LT)	164.93′	329.11′	2000.00′	11+12.60
CLINTON RD. CURVE - 1	10+40.94	2°20′43.20" (RT)	40.94′	81.87′	2000.00′	10+00.00
CLINTON RD. CURVE - 2	11+86.60	0°14′32.10" (RT)	4.23′	8.46′	2000.00′	11+82.37
KIRK RD. CURVE - 1	11+44.68	2°52′36.10" (LT)	50.22′	100.42′	2000.00′	10+94.46
PARK PLACE BLVD. CURVE - 1	10+78.44	0°04′38.10" (LT)	1.35′	2.70′	2000.00′	10+77.10
DAISY RD. CURVE - 1	11+32.76	1°14′21.90" (LT)	21.63′	43.26′	2000.00′	11+11.12
ONWARD RD. CURVE - 1	13+74.16	34°23′19.50" (LT)	309.44′	600.20′	1000.00′	10+64.72
LE MANNS TR. CURVE - 1	10+40.45	0°15′34.60" (LT)	1.13′	2.27′	499.99′	10+39.32


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 NB
STA. 11+30 SB
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
43′ ROW
EXIST. ROW
PROP. ROW
R=70′
R=50′
PROP. ROW
39′ ROW
FM 1387
EXIST. ROW
R=70′
R=50′
70′ ROW
75′ ROW
90′ ROW
BEGIN LANE WIDTH
TRANSITION
STA. 19+31
END LANE WIDTH
TRANSITION
STA. 23+00
EXISTING SIGNALIZED
INTERSECTION
HAWKINS SPRING
PARK
℄ S. MIDLOTHIAN PKWY
BEGIN CONSTRUCTION
℄ S. MIDLOTHIAN PKWY
STA. 13+25
S. MIDLOTHIAN PKWY
BEGIN LANE WIDTH
TRANSITION
STA. 29+81
R=1050′
END LANE WIDTH
TRANSITION
STA. 33+20
PROP. AREA DRAIN
EXIST. 24" RCP
PROP. ROW
R=1050′
PROP. GUARD RAIL (TYP.)
PROP. PARALLEL HEADWALL
PROP. STRUCTURE M1
(1) - 6′X2′ RCB
STA. 33+94
PROP. CONC RIPRAP
PROP. GUARD RAIL (TYP.)
FM 1387
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




SOIL CONSERVATION SERVICE SITE 2A RESERVOIR
WAXAHACHIE CREEK TRIB #4
BOARDWALK ST.
PARK PLACE
MARVIN GARDEN RD.
VENTNOR AVE.
PARK PLACE BLVD.
VIRGINIA BLVD.
CLINTON LN.
KIRK RD.
DAISY RD.
LON HAYES DR.
COUNTRY EAST ESTATES
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.
PROP. GUARD RAIL (TYP.)
℄ FM 1387
PROP. CONC RIPRAP
PROP. PARALLEL HEADWALL
EXIST. 4'X3' RCB
PROP. ROW
EXIST. ROW
PROP. STRUCTURE M2 (1) -6'X3' RCBC STA. 50+15
FM 1387 CURVE-1
BEGIN CURB WALL STA. 58+00 63.00' LT
SOUND WALL 1
PROP. CURB WALL
END CURB WALL STA. 61+00 63.00' LT
END CONSTRUCTION ℄ PARK PLACE BLVD. STA. 11+60
℄ PARK PLACE BLVD.
PARK PLACE BLVD. CURVE-1
CLINTON LN. CURVE - 2
CLINTON RD. CURVE - 1
℄ CLINTON LN.
BEGIN CONSTRUCTION ℄ CLINTON LN. STA. 10+95
℄ KIRK RD.
BEGIN CONSTRUCTION ℄ KIRK RD. STA. 10+95
KIRK RD. CURVE-1
BEGIN CONSTRUCTION ℄ DAISY RD. STA. 10+45
R=30'
R=30' TYP.
45+00
50+00
55+00
60+00
65+00
70' ROW
75' ROW
80' ROW
90' ROW
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

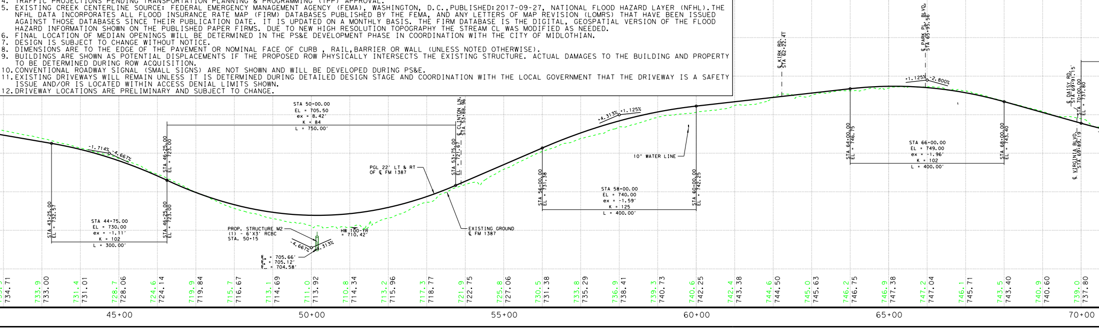
P.T. STA.
58+08.94
76+58.87
82+75.69
14+41.71
10+81.87
11+90.82
11+94.87
10+79.79
11+54.39
16+64.92
10+41.59

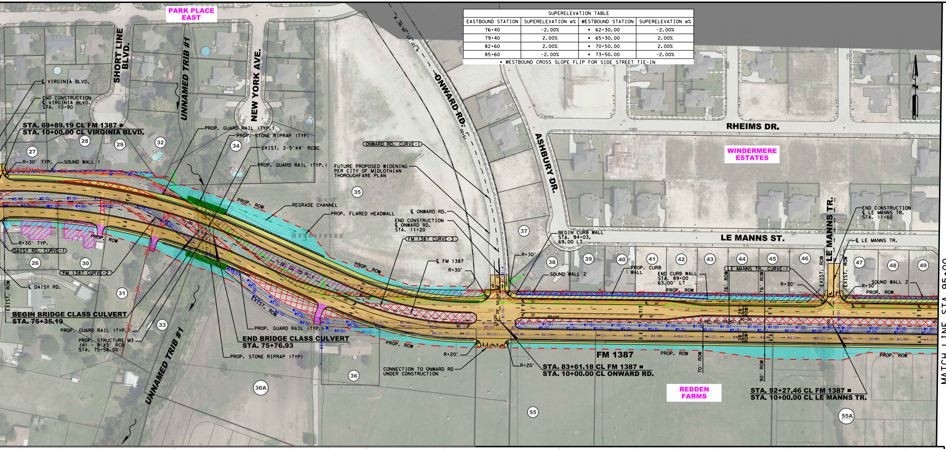
SOUND WALLS					
NO.	BEGIN STA	BEGIN OFFSET	END STA	END OFFSET	WALL LENGTH
SOUND WALL 1	58+20.00	67.00' LT	73+87.00	109.30' LT	1396.00'
SOUND WALL 2	84+11.00	73.00' LT	95+00.00	73.00' LT	989.00'

GUARDRAIL TABLE					
NO.	BEGIN STA	BEGIN OFFSET	END STA	END OFFSET	GUARDRAIL LENGTH
NO. 1	33+00.00	57.50' RT	33+65.00	57.50' RT	65.00'
NO. 2	34+24.00	57.50' RT	34+89.00	57.50' RT	65.00'
NO. 3	49+13.00	64.00' LT	49+78.00	64.00' LT	65.00'
NO. 4	49+19.00	57.50' RT	49+84.00	57.50' RT	65.00'
NO. 5	50+46.00	57.50' RT	51+11.00	57.50' RT	65.00'
NO. 6	50+52.00	64.00' LT	51+26.00	64.00' LT	65.00'
NO. 7	74+19.00	64.00' LT	74+81.00	64.00' LT	65.00'
NO. 8	75+81.00	64.00' LT	78+60.00	64.00' LT	282.00'
NO. 9	74+60.00	57.50' RT	75+27.00	57.00' RT	65.00'
NO. 10	76+36.00	57.50' RT	77+00.00	57.50' RT	65.00'

NOTES:

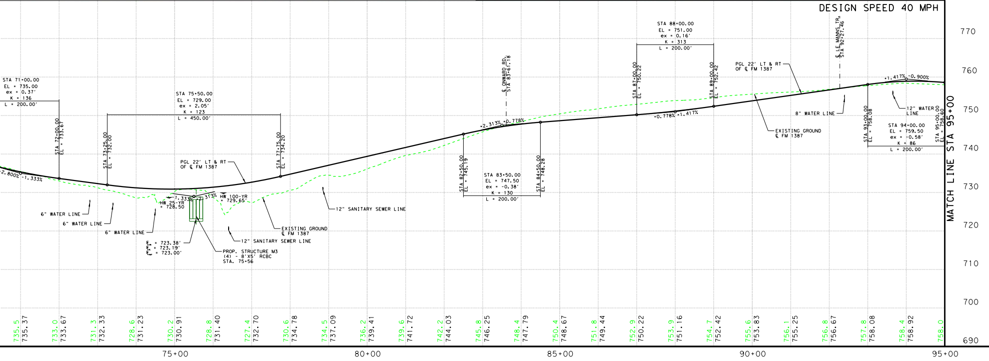
1. EXISTING ROW FOR FM 1387 IS APPARENT ROW PROVIDED BY TXDOT, NOT PER DEED RESEARCH.
2. EXISTING PARCEL LINES ARE APPROXIMATE. INFORMATION RETRIEVED FROM ELLIS COUNTY, 2020. GIS PARCEL LINE INFORMATION WAS FOUND TO BE INACCURATE ALONG THE CORRIDOR. PARCELS WERE EDITED TO REFLECT EXISTING FEATURES SHOWN ON AERIAL IMAGERY AND AERIAL SURVEY.
3. AERIAL FLIGHT DATE - JUNE 2017. EXISTING TOPOGRAPHICAL INFORMATION AS PROVIDED BY TXDOT, FEB 2018. ADDITIONAL IMAGERY PROVIDED BASED ON GOOGLE EARTH 2022
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.
8. DIMENSIONS ARE TO THE EDGE OF THE PAVEMENT OR NOMINAL FACE OF CURB , RAIL, BARRIER OR WALL (UNLESS NOTED OTHERWISE).
9. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING STRUCTURE. ACTUAL DAMAGES TO THE BUILDING AND PROPERTY TO BE DETERMINED DURING ROW ACQUISITION.
10. CONVENTIONAL ROADWAY SIGNAL (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING PS&E.
11. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
12. DRIVEWAY LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE.




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+89.19 CL FM 1387 = STA. 10+00.00 CL VIRGINIA BLVD.
R=30' TYP.
SOUND WALL 1
PROP. GUARD RAIL (TYP.)
PROP. STONE RIPRAP (TYP)
EXIST. 2-5'X4' RCBC
PROP. GUARD RAIL (TYP.)
ONWARD RD. CURVE-1
FUTURE PROPOSED WIDENING PER CITY OF MIDLOTHIAN THOROUGHFARE PLAN
PROP. ROW
REGRADE CHANNEL
PROP. FLARED HEADWALL
℄ ONWARD RD.
END CONSTRUCTION ℄ ONWARD RD. STA. 11+20
FM 1387 CURVE-3
℄ FM 1387
R=30'
BEGIN CURB WALL STA. 84+03, 69.00 LT
SOUND WALL 2
PROP. CURB WALL
END CURB WALL STA. 89+00 63.00' LT
LE MANNS TR. CURVE-1
EXIST. ROW
END CONSTRUCTION ℄ LE MANNS TR. STA. 11+60
℄ LE MANNS TR.
76' ROW
70' ROW
90' ROW
28' ROW
R=30' TYP.
DAISY RD. CURVE-1
FM 1387 CURVE-2
℄ DAISY RD.
BEGIN BRIDGE CLASS CULVERT STA. 75+35.19
PROP. STRUCTURE M3 (4) - 8'X5' RCB STA. 75+56.00
END BRIDGE CLASS CULVERT STA. 75+76.93
PROP. STONE RIPRAP (TYP)
R=20'
CONNECTION TO ONWARD RD UNDER CONSTRUCTION
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.
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%
76+40	-2.00%	* 62+30.00	-2.00%
79+40	2.00%	* 65+30.00	2.00%
82+60	2.00%	* 70+50.00	2.00%
85+60	-2.00%	* 73+50.00	-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
100% DESIGN SCHEMATIC

ELLIS COUNTY, TEXAS
FROM NORTH MIDLOTHIAN PARKWAY TO FM 664
CSJ's: 1394-02-027 & 1394-01-002
LENGTH: 5.75 MILES

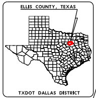
DATED: AUGUST 2024

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+36
■ 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

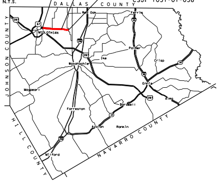

ELLIS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

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

END PROJECT
FM 1387 STA. 286+00
CSJ: 1394-02-027
BEGIN PROJECT
CSJ: 1394-01-002

END PROJECT
FM 1387 STA. 322+42.68
CSJ: 1394-01-002
MATCH EXIST. PROJ. BY OTHERS
CSJ: 1051-01-038


DALLAS COUNTY
JOHNSON COUNTY
HILL COUNTY
NAVARRO COUNTY
Red Oak
Ferris
MIDLOTHIAN
287
67
45
Waxahachie
Palmer
Crisp
Ennis
Alma
Bardwell
Maypearl
Forreston
Avalon
Rankin
Milford

LOCATION MAP
N.T.S.

LEGEND

- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- RIGHT OF WAY LINE BY OTHERS
- CENTERLINE
- PARCEL LINE
- CITY/COUNTY BOUNDARY LINE
- EXISTING DRAINAGE
- PROPOSED DITCH BOTTOM
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED RETAINING WALL
- DIRECTION OF FLOW
- FEMA 100 YR FLOODPLAIN LIMITS
- CURB WALL
- SOUND WALL
- PROPOSED DRAINAGE EASEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED DRIVEWAY
- PROPOSED BRIDGE
- ADJACENT PROJECT - BY OTHERS
- PROPOSED ROW ACQUISITION
- ← PROPOSED LANES
- (#) PARCEL IDENTIFYING NUMBER
- EXISTING PAVEMENT REMOVAL
- DISPLACEMENT
- POTENTIAL IMPACTED PROPERTY
- METAL BEAM GUARD FENCE (MBGF)
- DEDICATION FOR TRANSPORTATION USE

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	8/05/2024

GARVER
3000 INTERNET BLVD
SUITE 400
FRISCO, TX 75034

FIRM REGISTRATION NO. 5713