Texas Department of Transportation

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

FM 1387
DESIGN SCHEMATIC

ELLIS COUNTY, TEXAS

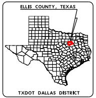
FROM NORTH MIDLOTHIAN PARKWAY TO FM 664
CSJ: 1394-02-027
LENGTH: 5.2 MILES

DATED: JULY 2022

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

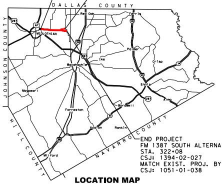
INDEX OF SHEETS

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 5 OF 10


DALLAS COUNTY
JOHNSON COUNTY
HILL COUNTY
NAVARRO COUNTY
Red Oak
Ferris
MIDLOTHIAN
Palmer
Ike
Crisp
Waxahachie
Ennis
Maypearl
Alma
Bardwell
Forreston
Avalon
Rankin
Milford
287
67
35E
45
34

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

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

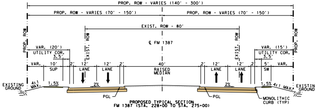
PRELIMINARY
FOR INTERIM REVIEW ONLY

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:

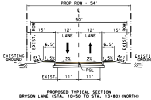
RANDY L GROS, PE 134559 07/29/2022
NAME P.E. NO. DATE

GARVER
3010 GAYLORD PARKWAY
SUITE 190
FRISCO, TX 75034

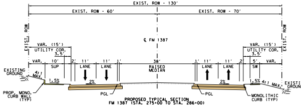
FIRM REGISTRATION NO. 5713


PROP. ROW - VARIES (140′ - 300′)
PROP. ROW - VARIES (70′ - 150′)
PROP. ROW - VARIES (70′ - 150′)
EXIST. ROW - 80′
PROP. ROW
EXIST. ROW
℄ FM 1387
EXIST. ROW
PROP. ROW
VAR. (20′)
UTILITY COR.
3.5′
VAR. (15′)
UTILITY COR.
3.5′
VAR.
10′
SUP
2′
12′
LANE
12′
LANE
2′
40′
RAISED MEDIAN
2′
12′
LANE
12′
LANE
2′
5′
SW
VAR.
EXISTING GROUND
4:1 MAX.
1.5%
2%
2%
1.5%
4:1 MAX.
EXISTING GROUND
PGL
PGL
MONOLITHIC CURB (TYP)

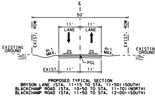
PROPOSED TYPICAL SECTION
FM 1387 (STA. 228+00 TO STA. 275+00)


PROP ROW - 54′
℄
50′
EXIST. ROW
EXIST. ROW
15′
12′
LANE
12′
LANE
15′
6.5′
6.5′
EXISTING GROUND
4:1 MAX
1.5%
2%
2%
1.5%
4:1 MAX.
EXISTING GROUND
PGL
EXIST.
11′
11′

PROPOSED TYPICAL SECTION
BRYSON LANE (STA. 10+50 TO STA. 13+80) (NORTH)


EXIST. ROW - 130′
EXIST. ROW - 60′
EXIST. ROW - 70′
EXIST. ROW
℄ FM 1387
EXIST. ROW
VAR. (15′)
UTILITY COR.
3.5′
VAR. (15′)
UTILITY COR.
3.5′
VAR.
10′
SUP
2′
11′
LANE
11′
LANE
1′
38′
RAISED MEDIAN
1′
11′
LANE
11′
LANE
2′
5′
SW
VAR.
EXISTING GROUND
4:1 MAX.
1.5%
2%
2%
1.5%
4:1 MAX.
EXISTING GROUND
PROP. MONO. CURB WALL (TYP)
PGL
PGL
MONOLITHIC CURB (TYP)

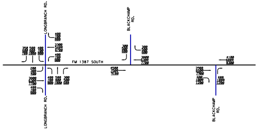
PROPOSED TYPICAL SECTION
FM 1387 (STA. 275+00 TO STA. 286+00)


℄
50′
EXIST. ROW
EXIST. ROW
11′
11′
LANE
LANE
EXISTING GROUND
4:1 MAX.
2%
2%
4:1 MAX.
EXISTING GROUND
PGL
EXIST.
11′
11′

PROPOSED TYPICAL SECTION
BRYSON LANE (STA. 11+15 TO STA. 11+50) (SOUTH)
BLACKCHAMP ROAD (STA. 10+50 TO STA. 11+70) (NORTH)
BLACKCHAMP ROAD (STA. 11+50 TO STA. 12+00) (SOUTH)

TYPICAL SECTIONS [N.T.S.]

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


LONGBRANCH RD.
BLACKCHAMP RD.
FM 1387 SOUTH
LONGBRANCH RD.
BLACKCHAMP RD.

TRAFFIC LINE DIAGRAM [N.T.S.]

NOTE:
SOURCE OF DATA: TXDOT, TRANSPORTAT
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
124	202345	MIDLOTHIAN ISD	925 S 9TH ST	MIDLOTHIAN	TX	76065-3636	6631 FM 1387 MIDLOTHIAN, TX 76065	16.422	252 R M CRAIG 16.422 ACRES
125	152865	COOK JAMES R	6610 FM 1387	MIDLOTHIAN	TX	76065-5210	6610 FM 1387 MIDLOTHIAN, TX 76065	4.26	14 MULBERRY HILL PH I4.26 ACRES
126	152866	SNEED DERWIN L & KARLA L	6630 FM 1387	MIDLOTHIAN	TX	76065-5210	6630 FM 1387 MIDLOTHIAN, TX 76065	4.55	LOT 15 MULBERRY HILL-REV 4.55 AC
127	202062	ADERMAN PATRICK E	813 TARPON AVE	PORT ISABEL	TX	78578-4507	6441 FM 1387 MIDLOTHIAN, TX 76065	0.635	252 R M CRAIG 0.6350 ACRES
128	206536	LONGBRANCH COMMUNITY BAPTIST CHURCH	200 LONGBRANCH RD	MIDLOTHIAN	TX	76065-5242	200 LONGBRANCH RD MIDLOTHIAN, TX 76065	8.336	843 M POWERS 8.336 ACRES
200	189269	PEDERSEN HERBERT L & BARBARA G	511 LINKCREST DR	DUNCANVILLE	TX	75137-3911	210 LONGBRANCH RD MIDLOTHIAN, TX 76065	8.347	843 M POWERS 8.347 ACRES
201	217795	KING CHARLES C JR & TINA L	211 BLACK CHAMP RD	WAXAHACHIE	TX	75167-9421	211 BLACK CHAMP RD WAXAHACHIE, TX 75167	10.01	843 M POWERS 10.01 ACRES
202	196538	PEDERSEN HERBERT L & BARBARA G	511 LINKCREST DR	DUNCANVILLE	TX	75137-3911	FM 1387 MIDLOTHIAN, TX 76065	14.65	843 M POWERS 14.65 ACRES
203	196471	PETTER FAMILY REVOCABLE LIVING TRUST	WILLIAM L & MILDRED J PETTER TRUSTEES 7240 FM 1387	WAXAHACHIE	TX	75167-9374	7240 FM 1387 WAXAHACHIE, TX 75167	10	843 M POWERS 10 ACRES
204	258886	A1 U STOR IT LLC	209 SPRINGDALE CT	PALMER	TX	75152-9750	141 BLACK CHAMP RD WAXAHACHIE, TX 75165	10	843 M POWERS 10 ACRES
205	188514	SMITH AMY KAY & KENNETH W MARKS	7490 FM 1387	WAXAHACHIE	TX	75167-9376	FM 1387 WAXAHACHIE, TX 75167	69.826	793 A R NEWTON;843 M POWERS 69.826 ACRES
206	197889	BOSWELL JOHN C	7881 FAITH LN	WAXAHACHIE	TX	75167	416 BLACK CHAMP RD WAXAHACHIE, TX 75167	5.395	LOT 1R BLK 1 LITTLE CREEK FARM -REV 5.395 AC
207	229620	DIXON JOHN T & BARBARA A	211 WALKER CT N	WAXAHACHIE	TX	75167-6001	211 WALKER CT N WAXAHACHIE, TX 75167	1.089	19 C CROSS CREEK PH VII SECT 21.089 ACRES
208	229619	FRITZ SETH D & JESSICA L	210 WALKER CT N	WAXAHACHIE	TX	75165-7420	210 WALKER CT N WAXAHACHIE, TX 75167	1.08	LOT 18 BLK C CROSS CREEK PH VII SEC 2 1.08 AC
209	278273	J HOUSTON HOMES LLC	PO BOX 2829	RED OAK	TX	75154	7640 CLAYTON DR WAXAHACHIE, TX 75167	1.024	LOT 8 BLK 1 LEGACY ESTATES PH 2 1.024 AC
210	278272	J HOUSTON HOMES LLC	PO BOX 2829	RED OAK	TX	75154	7650 CLAYTON DR WAXAHACHIE, TX 75167	1.023	LOT 7 BLK 1 LEGACY ESTATES PH 2 1.023 AC
211	229626	SORENSON SUZANNE & SETH	TEMPORARY PO BOX 1857	MIDLOTHIAN	TX	76065	211 REESE CT WAXAHACHIE, TX 75167	1.172	LOT 13 BLK C CROSS CREEK PH VII SEC 2 1.172 AC
212	278271	J HOUSTON HOMES LLC	PO BOX 2829	RED OAK	TX	75154	7660 CLAYTON DR WAXAHACHIE, TX 75167	1.021	LOT 6 BLK 1 LEGACY ESTATES PH 2 1.021 AC
213	278270	J HOUSTON HOMES LLC	PO BOX 2829	RED OAK	TX	75154	7810 CLAYTON DR WAXAHACHIE, TX 75167	1.02	LOT 5 BLK 1 LEGACY ESTATES PH 2 1.02 AC
214	229528	BELLER MARC W & ANN E	200 REESE CT	WAXAHACHIE	TX	75167-6003	200 REESE CT WAXAHACHIE, TX 75167	1.044	LOT 12R BLK C CROSS CREEK PH VII SEC 2 1.044 AC
215	278269	J HOUSTON HOMES LLC	PO BOX 2829	RED OAK	TX	75154	7820 CLAYTON DR WAXAHACHIE, TX 75167	1.019	LOT 4 BLK 1 LEGACY ESTATES PH 2 1.019 AC
216	278268	J HOUSTON HOMES LLC	PO BOX 2829	RED OAK	TX	75154	7830 CLAYTON DR WAXAHACHIE, TX 75167	1.018	LOT 3 BLK 1 LEGACY ESTATES PH 2 1.018 AC
218	243718	BELLER MARC W & ANN E		WAXAHACHIE	TX	75167-6003	REESE CT WAXAHACHIE, TX 75167	2.446	PT LOT 12R BLK C CROSS CREEK PH VII SEC 2 .446 AC

PARCEL OWNER INFORMATION TABLE

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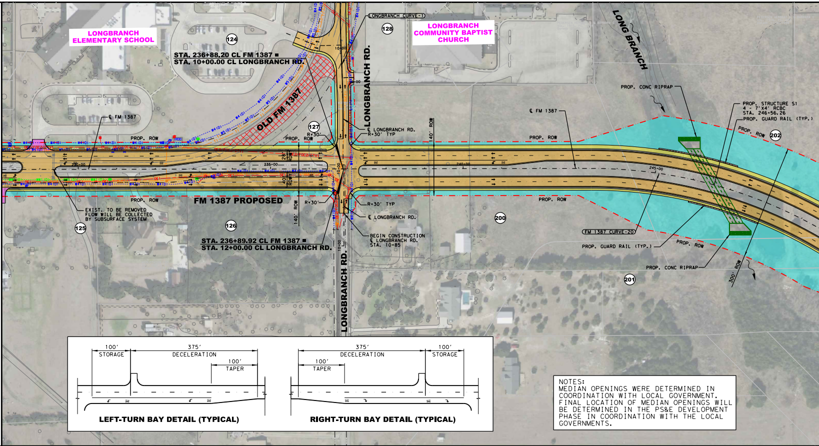
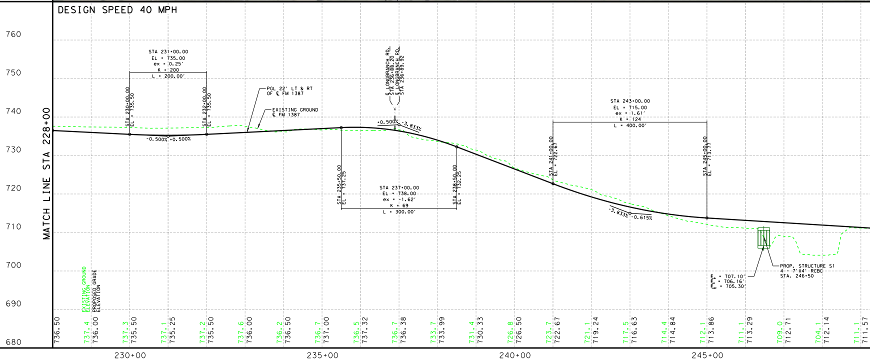
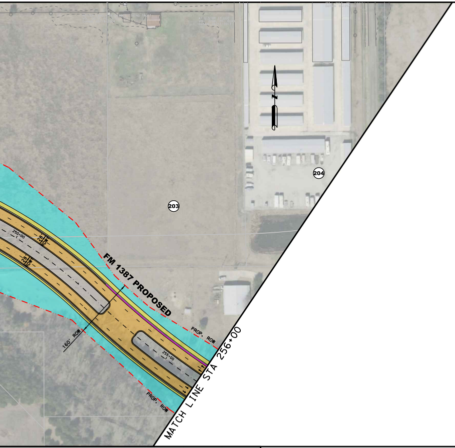

MATCH LINE STA 228+00
LONGBRANCH ELEMENTARY SCHOOL
LONGBRANCH COMMUNITY BAPTIST CHURCH
LONG BRANCH
LONGBRANCH CURVE-1
124
128
127
126
125
200
201
202
STA. 236+88.20 CL FM 1387 ■
STA. 10+00.00 CL LONGBRANCH RD.
STA. 236+89.92 CL FM 1387 ■
STA. 12+00.00 CL LONGBRANCH RD.
OLD FM 1387
FM 1387 PROPOSED
LONGBRANCH RD.
℄ FM 1387
PROP. ROW
R=30'
℄ LONGBRANCH RD.
R=30' TYP
140' ROW
28' RDWY
40' RDWY
EXIST. TO BE REMOVED
FLOW WILL BE COLLECTED
BY SUBSURFACE SYSTEM
BEGIN CONSTRUCTION
℄ LONGBRANCH RD.
STA. 10+85
235+00
240+00
245+00
230+00
FM 1387 CURVE-20
PROP. CONC RIPRAP
PROP. STRUCTURE S1
4 - 7'X4' RCBC
STA. 246+56.26
PROP. GUARD RAIL (TYP.)
300' ROW
100' STORAGE
375' DECELERATION
100' TAPER
LEFT-TURN BAY DETAIL (TYPICAL)
375' DECELERATION
100' STORAGE
100' TAPER
RIGHT-TURN BAY DETAIL (TYPICAL)

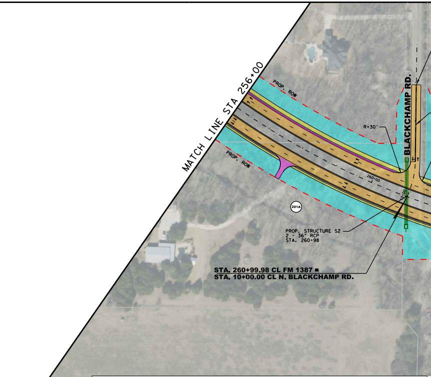
NOTES:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.

DESIGN SPEED 40 MPH





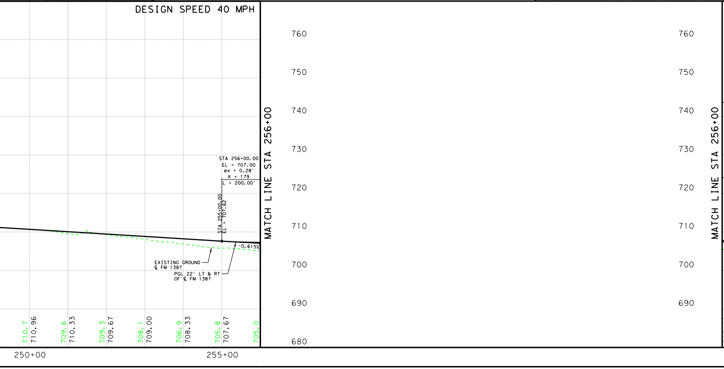
203
204
FM 1387 PROPOSED
250+00
255+00
20' ROW
160' ROW
PROP. ROW
PROP. ROW
MATCH LINE STA 256+00



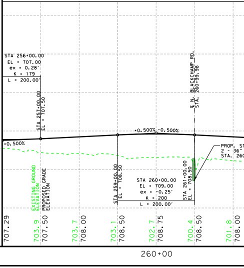
MATCH LINE STA 256+00
PROP. ROW
PROP. ROW
BLACKCHAMP RD.
R=30'
260+00
10+00
201A
PROP. STRUCTURE S2
2 - 36" RCP
STA. 260+98
STA. 260+99.98 CL FM 1387 =
STA. 10+00.00 CL N. BLACKCHAMP RD.

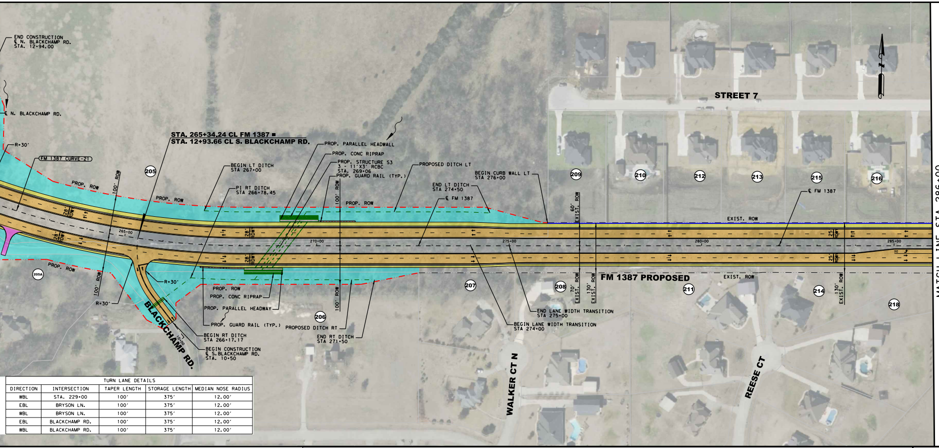
CURVE DATA							
CURVE NO.	P.I. STA.	DELTA	T	L	R	P.C. STA.	P.T. STA.
FM 1387 CURVE - 20	248+17.31	43°58'39.38" (RT)	484.56'	921.06'	1200.00'	243+32.75	252+53.82
FM 1387 CURVE - 21	260+76.95	44°44'26.98" (LT)	823.1326	1561.75	2000.00'	252+53.82	268+15.57
FM 1387 CURVE - 22	286+54.73	6°15'54.16" (LT)	65.67'	131.21'	1200.00'	285+89.05	287+20.27
N. BRYSON CURVE - 1	12+96.88	67°27'24.51" (LT)	148.13'	79.81'	67.78'	12+51.63	13+31.44

DESIGN SPEED 40 MPH



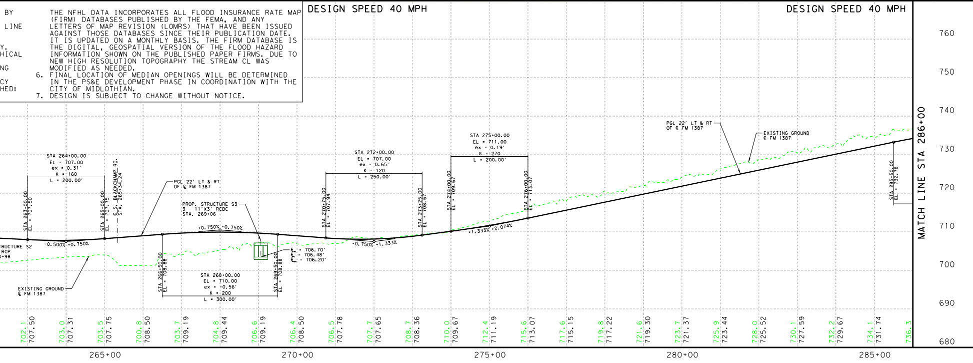
NOTES:
1. EXISTING ROW FOR FM 1387 IS APPARENT ROW PROVIDED
TXDOT, NOT PER DEED RESEARCH.
2. EXISTING PARCEL LINES ARE APPROXIMATE. GIS PARCEL
INFORMATION WAS FOUND TO BE INACCURATE ALONG THE
CORRIDOR. PARCELS WERE EDITED TO REFLECT EXISTING
FEATURES SHOWN ON AERIAL IMAGERY AND AERIAL SURVE
3. AERIAL FLIGHT DATE - JUNE 2017. EXISTING TOPOGRAP
INFORMATION AS PROVIDED BY TXDOT, FEB 2018.
4. TRAFFIC PROJECTIONS PENDING TRANSPORTATION PLANNI
& PROGRAMMING (TPP) APPROVAL.
5. EXISTING CREEK CENTERLINE SOURCE: FEDERAL EMERGEN
MANAGEMENT AGENCY (FEMA), WASHINGTON, D.C.,PUBLIS
2017-09-27, NATIONAL FLOOD HAZARD LAYER (NFHL).




END CONSTRUCTION
℄ N. BLACKCHAMP RD.
STA. 12+94.00
℄ N. BLACKCHAMP RD.
R=30'
FM 1387 CURVE-21
205
205A
PROP. ROW
100' ROW
28' RDWY
265+00
STA. 265+34.24 CL FM 1387
STA. 12+93.66 CL S. BLACKCHAMP RD.
R=30'
BLACKCHAMP RD.
10+00
BEGIN LT DITCH
STA 267+00
PI RT DITCH
STA 266+78.45
PROP. PARALLEL HEADWALL
PROP. CONC RIPRAP
PROP. STRUCTURE S3
3 - 11'X3' RCBC
STA. 269+06
PROP. GUARD RAIL (TYP.)
PROPOSED DITCH LT
270+00
PROP. ROW
PROP. CONC RIPRAP
PROP. PARALLEL HEADWAY
PROP. GUARD RAIL (TYP.)
BEGIN RT DITCH
STA 266+17.17
BEGIN CONSTRUCTION
℄ S.BLACKCHAMP RD.
STA. 10+50
206
PROPOSED DITCH RT
END RT DITCH
STA 271+50
END LT DITCH
STA 274+50
℄ FM 1387
BEGIN CURB WALL LT
STA 276+00
207
END LANE WIDTH TRANSITION
STA 275+00
BEGIN LANE WIDTH TRANSITION
STA 274+00
275+00
60' EXIST. ROW
70' EXIST. ROW
130' EXIST. ROW
208
209
210
211
212
213
214
215
216
218
STREET 7
EXIST. ROW
FM 1387 PROPOSED
280+00
℄ FM 1387
25' RDWY
285+00
WALKER CT N
REESE CT
N
MATCH LINE STA 286+00

TURN LANE DETAILS				
DIRECTION	INTERSECTION	TAPER LENGTH	STORAGE LENGTH	MEDIAN NOSE RADIUS
WBL	STA. 229+00	100'	375'	12.00'
EBL	BRYSON LN.	100'	375'	12.00'
WBL	BRYSON LN.	100'	375'	12.00'
EBL	BLACKCHAMP RD.	100'	375'	12.00'
WBL	BLACKCHAMP RD.	100'	375'	12.00'

BY THE NFHL DATA INCORPORATES ALL FLOOD INSURANCE RATE MAP
(FIRM) DATABASES PUBLISHED BY THE FEMA, AND ANY
LINE 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
Y. THE DIGITAL, GEOSPATIAL VERSION OF THE FLOOD HAZARD
HICAL INFORMATION SHOWN ON THE PUBLISHED PAPER FIRMS. DUE TO
NEW HIGH RESOLUTION TOPOGRAPHY THE STREAM CL WAS
NG MODIFIED AS NEEDED.
6. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED
CY IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE
HED: CITY OF MIDLOTHIAN.
7. DESIGN IS SUBJECT TO CHANGE WITHOUT NOTICE.



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

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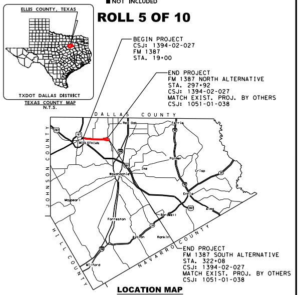
- ROLL 5 OF 10: PLAN & PROFILE VIEW STA. 229+00 TO STA. 286+00 (SOUTH ALTERNATIVE)
- ROLL 6 OF 10: PLAN & PROFILE VIEW STA. 286+00 TO STA. 322+08 (SOUTH ALTERNATIVE)
- ■ROLL 7 OF 10: SUPPLEMENTAL SIDE STREET PROFILES
- ■ROLL 8 OF 10: SUPPLEMENTAL SIDE STREET PROFILES
- ■ROLL 9 OF 10: SUPPLEMENTAL SIDE 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.
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
END PROJECT
FM 1387 SOUTH ALTERNATIVE
STA. 322+08
CSJ: 1394-02-027
MATCH EXIST. PROJ. BY OTHERS
CSJ: 1051-01-038

ROLL 5 OF 10

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:

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