Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

DENTON COUNTY

FM 1385

FROM: US 380 TO FM 455
CSJ: 1315-01-030

FUNCTIONAL CLASS: URBAN MAJOR COLLECTOR

PROJECT LENGTH: 12.01 MILES

DESIGN SPEED:

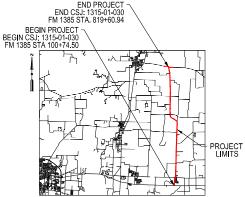
45 MPH = FM 1385

45 MPH = FM 455	45 MPH = FM 428 WEST
30 MPH = FISHTRAP RD	45 MPH = OLD FM 1385
45 MPH = GEE RD	45 MPH = MUSTANG RD
30 MPH = PARVIN RD	45 MPH = FRIENDSHIP RD
45 MPH = FM 428 EAST	30 MPH = LIGHTS RANCH RD
*30 MPH = ALL CONNECTIONS TO EXIST CROSS ST	30 MPH = STRITTMATTER RD

* MEETS OR EXCEEDS EXISTING CONDITIONS

INDEX OF SHEETS:

ROLL 1: US 380 TO UNION PARK BLVD - STA 100+74.50 TO STA 170+00
ROLL 2: UNION PARK BLVD TO NORTH OF WINN RIDGE RD - STA 170+00 TO STA 245+00
ROLL 3: NORTH OF WINN RIDGE RD TO FM 428 EAST - STA 245+00 TO STA 322+00
ROLL 4: FM 428 EAST TO NORTH OF FM 428 WEST - STA 322+00 TO STA 397+00
ROLL 5: NORTH OF FM 428 WEST TO MUSTANG CREEK - STA 397+00 TO STA 557+00
ROLL 6: MUSTAND CREEK TO NORTH OF JOE ALLEN RD - STA 557+00 TO STA 635+00
ROLL 7: NORTH OF JOE ALLEN RD TO NORTH OF FRIENDSHIP RD - STA 635+00 TO STA 713+00
ROLL 8: NORTH OF FRIENDSHIP RD TO STRITTMATTER RD - STA 713+00 TO STA 791+00
ROLL 9: STRITTMATTER RD TO FM 455 - STA 791+00 TO STA 819+60.94


END PROJECT
END CSJ: 1315-01-030
FM 1385 STA. 819+60.94
BEGIN PROJECT
BEGIN CSJ: 1315-01-030
FM 1385 STA 100+74.50
PROJECT LIMITS

DENTON COUNTY

LOCATION MAP

N.T.S.

DECEMBER 2021

HORIZ SCALE: 1"=100'
0 50 100 150 200

VERTICAL SCALE: 1"=10'
0 5 10 15 20

HOWARD COLUMBUS GIBBS III, P.E.
(TX PE NO. 100239)

DATE SUBMITTED
12/10/2021

DATE APPROVED

DATE REVISED

PRELIMINARY
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.
Prepared by or under the Direct Supervision of
HOWARD C. GIBBS III, P.E. 100239
12/10/2021

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 1 OF 9

Lina T. Ramey & Associates, Inc.
3320 Belt Line Rd
Farmers Branch, Texas 75234
TBPE Registration No. F-782

© 2021 by Texas Department of Transportation, All Rights Reserved

LEGEND:

🟨	PROPOSED MAINLANES
▭	PROPOSED CROSS STREETS
🟪	PROPOSED DRIVEWAYS
▬	PROPOSED SIDEWALKS
🟧	PROPOSED BRIDGE STRUCTURES
▨	PAVEMENT REMOVAL
▨	DISPLACEMENTS
⌒	PROPOSED RETAINING WALL
- - -	APPARENT EXISTING ROW
- - -	PROPOSED ROW
— - —	PROPOSED CENTERLINE/BASELINE
- - -	EXISTING EASEMENT
▬	100 YR FLOODPLAIN LIMITS
▨	FLOODWAY LIMITS
- - -	FUTURE PROJECT (BY OTHERS)
—	STREAM FLOW
→	DIRECTION OF TRAVEL
- - -	EXISTING CULVERT
—	PROPOSED CULVERT
(XXX-X)	CURVE NUMBER
(XX)	PROPERTY OWNERSHIP LABELS

NOTES:

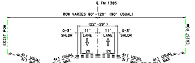
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON EXISTING PLANS AND AERIAL SURVEYS DATED APRIL 2020 AND RECORD PLANS
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
4. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB UNLESS NOTED OTHERWISE.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP 48121C0270G.
6. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM FIELD SURREY FOR INFORMATIONAL PURPOSES ONLY.
7. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
8. ALL CURBS ARE TYPE II (8") (UNLESS NOTED OTHERWISE).
9. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
10. WB-62 DESIGN VEHICLE WAS USED IN EVALUATION OF TURNING MOVEMENTS.
11. TRAFFIC VOLUMES BASED ON TRAFFIC COUNTS AND GROWTH RATES PROVIDED BY TP&P. TRAFFIC VOLUMES APPROVED BY TXDOT TP&P (MARCH 2020).
12. AS PER MUTCD REQUIREMENTS, A TRAFFIC SIGNAL WARRANT ANALYSIS WILL BE REQUIRED BEFORE INTERSECTIONS ARE CONSTRUCTED TO JUSTIFY THE INSTALLATION OF TRAFFIC SIGNALS.
13. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (AUGUST 2020).
14. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING FINAL DESIGN PHASE (PS&E).
15. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.

UTILITY LEGEND

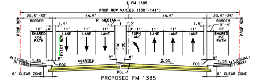
— — —— T1 —— — —	TELEPHONE ATT
----T1 (D)-------T1 (D)----	TELEPHONE ATT
— — —— T2 —— — —	TELEPHONE FRONTIER (VERIZON)
----T2 (D)-------T2 (D)----	TELEPHONE FRONTIER (VERIZON)
------ T-DUCT1 (D) -------	T-DUCT ATT
— — —— FOC1 —— — —	FIBER OPTIC ATT
-- FOC1 (D)-------FOC1 (D)--	FIBER OPTIC ATT
— — —— FOC3 —— — —	FIBER OPTIC NORTEX COMMUNICATIONS
— — —— FOC4 —— — —	FIBER OPTIC GRANDE
-- FOC4 (D)-------FOC4 (D)--	FIBER OPTIC GRANDE
— — —— FOC5 —— — —	FIBER OPTIC SUDDENLINK
— — —— FOC6 —— — —	FIBER OPTIC ZAYO
— — —— FOC7 —— — —	FIBER OPTIC SPECTRUM
— — —— FOC8 —— — —	FIBER OPTIC UPPER TRINITY REGIONAL WATER DISTRICT
— — —— E1 —— — —	ELECTRIC COSERV
--- E1 (D) ------- E1 (D) --	ELECTRIC COSERV
------- FM1 (D) -------	FORCE MAIN MUSTANG SUD
— — —— G1 —— — —	GAS ATMOS
— — —— G2 —— — —	GAS COSERV
- G2 (D) ------- G2 (D) ----	GAS COSERV
— — —— PL1 —— — —	PIPELINE ATMOS
-- PL1 (D)-------PL1 (D)--	PIPELINE ATMOS
— — —— PL3 —— — —	PIPELINE ENERGY TRANSFER
- PL5 (D)-------PL5 (D)--	PIPELINE ENTERPRISE
— — —— SD1 —— — —	STORM SEWER TXDOT
- SD1 (D) ------- SD1 (D) -	STORM SEWER TXDOT
— — —— W1 —— — —	WATER TOWN OF PROSPER
-- W1 (D)-------W1 (D)----	WATER TOWN OF PROSPER
-- W2 (D)-------W2 (D)---	WATER MUSTANG SUD
— — —— W3 —— — —	WATER UPPER TRINITY REGIONAL WATER DISTRICT
---- W3 (D)-------W3 (D)--	WATER UPPER TRINITY REGIONAL WATER DISTRICT
- W4 (D)-------W4 (D)-----	WATER ARCADIA WATER
— — —— OH —— — —	(SEE OVERHEAD LEGEND)

OVERHEAD LEGEND		
1	COSERV	ELECTRIC
2	ATT	COMMUNICATION
3	FRONTIER	COMMUNICATION
4	GRANDE	COMMUNICATION
5	SUDDENLINK	COMMUNICATION

UTILITY NOTE:
ALL UTITITIES SHOWN ARE LEVEL "B" WHICH WERE ARRIVED AT USING GEOPHYSICAL EQUIPMENT UNLESS NOTED. LEVEL "D" UTILITIES ARE DERIVED FROM FURNISHED RECORDS.


℄ FM 1385
ROW VARIES 80'-120' (90' USUAL)
(22'-28')
0-3' SHLDR
11' LANE
11' LANE
0-3' SHLDR
2%
2%
EXIST ROW
4:1 USUAL 3:1 MAX
0-6' DITCH

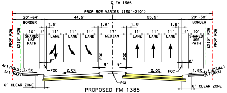
EXISTING FM 1385
TYPICAL SECTION
STA 100+74.50 TO 170+00.00


℄ FM 1385
PROP ROW VARIES (130'-141')
20.5'-33' BORDER
44.5'
44.5'
20.5'-25' BORDER
6' MEDIAN
0'-4'
10' SHARED USE PATH
11' LANE
0'-11' TURN LANE
EXIST ROW
PROP ROW
FOC
PGL
*VARIES
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE

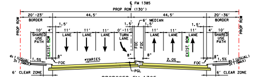
PROPOSED FM 1385
TYPICAL SECTION

* SEE CROSS SLOPE TRANSITION TABLE

STA 118+83.43 TO 120+51.31
STA 128+46.52 TO 132+43.51
STA 136+41.31 TO 140+81.76
STA 160+93.91 TO 164+62.03

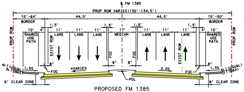

℄ FM 1385
PROP ROW VARIES (130'-210')
20'-64' BORDER
44.5'
55.5'
20'-50' BORDER
17' MEDIAN
11' LANE
10' SHARED USE PATH
EXIST ROW
PROP ROW
FOC
PGL
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE

PROPOSED FM 1385
TYPICAL SECTION
STA 101+07.31 TO 101+92.91


℄ FM 1385
PROP ROW (130')
20'-23' BORDER
44.5'
44.5'
20'-36' BORDER
6' MEDIAN
10' SHARED USE PATH
11' LANE
0'-11' TURN LANE
EXIST ROW
PROP ROW
FOC
PGL
*VARIES
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE

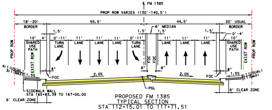
* SEE CROSS SLOPE TRANSITION TABLE

PROPOSED FM 1385
TYPICAL SECTION
STA 124+36.81 TO 128+46.52
STA 157+36.81 TO 160+93.91

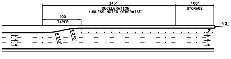

℄ FM 1385
PROP ROW VARIES (130'-134.5')
15'-64' BORDER
44.5'
44.5'
15'-50' BORDER
17' MEDIAN
11' LANE
10' SHARED USE PATH
EXIST ROW
PROP ROW
FOC
PGL
*VARIES
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE

* SEE CROSS SLOPE TRANSITION TABLE

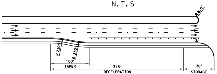
PROPOSED FM 1385
TYPICAL SECTION
STA 106+12.51 TO 106+67.81
STA 116+43.75 TO 118+83.43
STA 133+68.51 TO 136+41.31
STA 152+72.42 TO 156+11.80
STA 170+30.03 TO 176+15.03


℄ FM 1385
PROP ROW VARIES (130'-140.5')
18'-20' BORDER
55.5'
44.5'
20' USUAL BORDER
6' MEDIAN
0'-4'
10' SHARED USE PATH
0'-11' TURN LANE
11' LANE
EXIST ROW
PROP ROW
FOC
PGL
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
SIDEWALK WALL
STA 165+83.39 TO 167+00.00
6' CLEAR ZONE

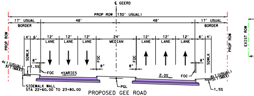
PROPOSED FM 1385
TYPICAL SECTION
STA 112+15.01 TO 117+71.51
STA 165+67.03 TO 170+30.03


345'
DECELERATION (UNLESS NOTED OTHERWISE)
100' STORAGE
100' TAPER
R 230'
R 230'
R 3'

TYPICAL LEFT-TURN BAY DETAILS (45 MPH)
N.T.S


R 3'
R 230'
R 230'
100' TAPER
345'
DECELERATION (UNLESS NOTED OTHERWISE)
30' STORAGE

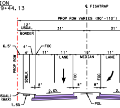
TYPICAL RIGHT-TURN BAY DETAILS (45 MPH)
N.T.S


℄ GEERD
PROP ROW (130' USUAL)
17' USUAL BORDER
48'
48'
17' USUAL BORDER
24' MEDIAN
12' LANE
4'
6'
SDWLK
PROP ROW
EXIST ROW
FOC
PGL
*VARIES
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
SIDEWALK WALL
STA 22+60.00 TO 23+80.00

PROPOSED GEE ROAD
TYPICAL SECTION

* SEE CROSS SLOPE TRANSITION TABLE

STA 15+72.90 TO 29+44.13


℄ FISHTRAP
PROP ROW VARIES (90'-110')
12' USUAL BORDER
31'
31'
6.5'
4'
FOC
11' LANE
18' MEDIAN
SDWLK
PROP ROW
PGL
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)

PROPOSED FISHTRAP ROA
TYPICAL SECTION
STA 15+74.30 TO 21+19.

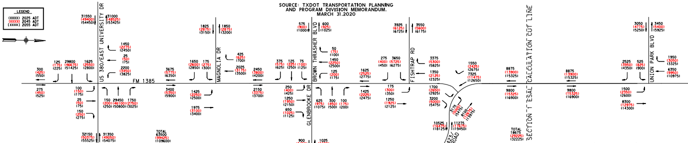
HORIZONTAL ALIGNMENT DATA

CHAIN NO.	POT STA	POT-NORTHING	POT-EASTING	BEARING	POT STA	POT-NORTHING	POT-EASTING
FM1385	100+20.36	7,131,419.42	2,458,739.79	N 5° 29' 37.13" E	--	--	--
FM1385	165+39.69	7,137,667.49	2,459,590.30	N 2° 01' 15.30" E	--	--	
FM1385	195+59.51	7,140,686.24	2,459,670.45	N 1° 31' 15.30" E	--	--	--
FM1385	237+82.50	7,144,907.71	2,459,783.08	N 1° 32' 17.20" E	--	--	--
FISHTRAP	10+00.00	7,135,619.44	2,458,292.85	S 89° 25' 49.18" E	--	--	--
	--	--	--	S 66° 05' 24.58" E	21+19.92	7,135,433.06	2,459,377.63
GEERD	10+00.00	7,135,506.37	2,461,571.22	N 88° 04' 32.11" W	--	--	--

HORIZONTAL CURVE DATA TABLE

CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADUIS	PI STA	PC STA	PT STA
FM1385-1	3° 13' 30.43" (RT)	1° 15' 03.60"	128.94'	257.80'	4580.00'	107+95.89	106+66.96	109+24.76
FM1385-2	7° 09' 32.30" (LT)	5° 00' 14.39"	71.63'	143.07'	1145.00'	116+26.80	115+55.17	116+98.24
FM1385-3	29° 09' 38.15" (RT)	2° 51' 53.24"	520.23'	1017.90'	2000.00'	133+65.38	128+45.16	138+63.05
FM1385-4	6° 48' 38.00" (LT)	5° 09' 42.41"	66.05'	131.94'	1110.00'	140+20.18	139+54.13	140+86.07
FM1385-5	28° 39' 57.60" (RT)	5° 27' 24.27"	268.29'	525.33'	1050.00'	144+62.71	141+94.43	147+19.76
FM1385-6	39° 26' 42.28" (RT)	6° 01' 52.08"	340.57'	654.02'	950.00'	150+84.45	147+43.88	153+97.91
FISHTRAP-1	23° 20' 24.60" (RT)	11° 14' 04.08"	105.34'	207.76'	510.00'	16+79.64	15+74.30	17+82.06
GEERD-1	50° 39' 05.13" (RT)	6° 01' 52.08"	449.58'	839.83'	950.00'	25+53.88	21+04.30	29+44.13

SOURCE: TXDOT TRANSPORTATION PLANNING AND PROGRAM DIVISION MEMORANDUM. MARCH 31.2020

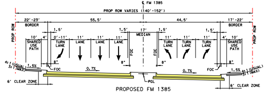

LEGEND
XXXX 2025 ADT
(XXXX) 2045 ADT
(XXXX) 2055 ADT
US 380/EAST UNIVERSITY DR
FM 1385
MAGNOLIA DR
BROWN THRASHER BLVD
GLENBROOKE DR
FISHTRAP RD
FM 423 GEE ROAD
UNION PARK BLVD
SECTION 1 ESAL CALCULATION CUT LINE

SECTION 1 ESAL CALCULATION CUT LINE

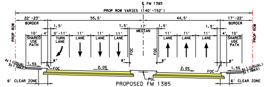
SECTION 1 - US 380 TO FM 428 WEST
DIR DIST %=63-37
% TRUCKS ADT=5.5
% TRUCKS DHV=4.1
K FACTOR=11.1

SECTION 2 - FM 428 WEST TO FM 455
DIR DIST %=63-37
% TRUCKS ADT=12.0
% TRUCKS DHV=9.0
K FACTOR=11.1

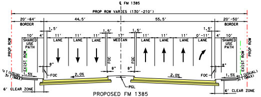
TRAFFIC DIAGRAM - FM 1385
N.T.S.


℄ FM 1385
PROP ROW VARIES (140'-152')
22'-23' BORDER
55.5'
44.5'
17'-22' BORDER
PROP ROW
10' SHARED USE PATH
0'-11' TURN LANE
11' LANE
11' LANE
11' LANE
17' MEDIAN
11' TURN LANE
11' TURN LANE
11' LANE
10' SHARED USE PATH
FOC
0.7%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE
PGL

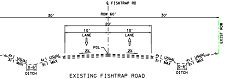
PROPOSED FM 1385
TYPICAL SECTION
STA 141+76.76 TO 146+69.56


℄ FM 1385
PROP ROW VARIES (140'-152')
22'-23' BORDER
55.5'
44.5'
17'-22' BORDER
10' SHARED USE PATH
0'-11' TURN LANE
11' LANE
17' MEDIAN
TURN LANE
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE
PGL

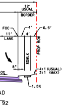
PROPOSED FM 1385
TYPICAL SECTION
STA 147+92.01 TO 152+72.42


℄ FM 1385
PROP ROW VARIES (130'-210')
20'-64' BORDER
44.5'
55.5'
20'-50' BORDER
10' SHARED USE PATH
11' LANE
17' MEDIAN
0'-11' LANE
EXIST ROW
PROP ROW
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE
PGL

PROPOSED FM 1385
TYPICAL SECTION
STA 101+92.91 TO 104+87.51


℄ FISHTRAP RD
ROW 60'
30'
30'
20'
10' LANE
10' LANE
PGL
2%
2%
EXIST ROW
4:1 USUAL 3:1 MAX
0-6'
DITCH

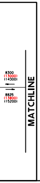
EXISTING FISHTRAP ROAD
TYPICAL SECTION
STA 15+74.30 TO 21+19.92


12' USUAL
BORDER
FOC
4'
6.5'
11' LANE
SDWLK
PROP ROW
4:1 (USUAL) 3:1 (MAX)
1.5%
AD
92

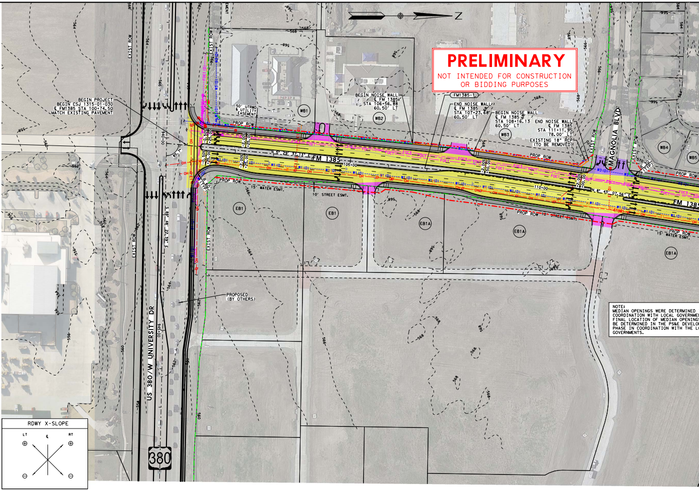
CHAIN ID.	LEFT		RIGHT		TRANSITION LENGTH
	STA	e	STA	e	
FM 1385	101+25.00	-0.50%	101+25.00	-0.50%	100'
	102+25.00	-2.00%	102+25.00	-2.00%	
	108+50.00	-2.00%	---	---	250'
	111+00.00	2.00%	---	---	
	116+00.00	2.00%	---	---	250'
	118+50.00	-2.00%	---	---	
	138+80.00	-2.00%	138+80.00	-2.00%	170'
	140+50.00	0.70%	140+50.00	-0.70%	
	162+00.00	2.00%	---	---	250'
	164+50.00	-2.00%	---	---	
GEE RD	16+70.00	-2.00%	---	---	250'
	19+20.00	2.00%	---	---	
FISHTRAP RD	19+40.00	-2.00%	19+40.00	-2.00%	80'
	20+20.00	0.50%	20+20.00	-0.50%	

CROSS SLOPE TRANSITIONS

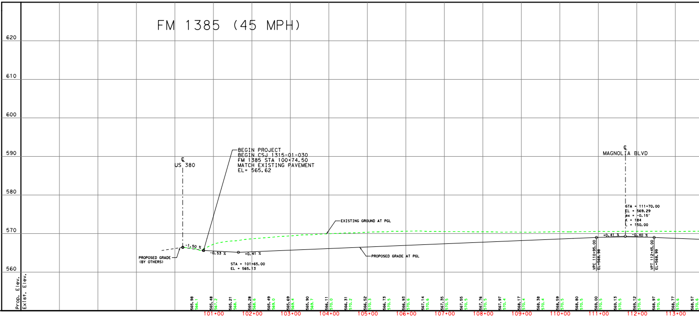
PROP ID	PROPERTY OWNERS' NAME
EB1	PROSPER 1385 INVESTMENTS LP
EB1A	1385 & 380 INVESTMENTS LP
EB43	HALIBUT LTD
EB44	GLENBROOKE ESTATES HOMEOWNERS ASSOCIATION INC
EB45	PROSPER, TOWN OF
EB46	THE PRESERVE AT DOE CREEK HOA
EB47	RED FISH BLUE FISH P/S FUND LTD
EB48	WEST PROSPER COMMERCIAL 39 LP
EB49	SMITH, MICHAEL P
EB50	LEIDECKER NOLES PROPERTIES LTD
EB51	RODRIGUEZ, JULIO
EB52	LEIDECKER PROPERTIES, LTD
EB52A	NORTH TEXAS CONFERENCE OF THE UNITED METHODIST CHURCH
EB79	MONK, LORENA & SHAYLIN
EB80	GLENBROOKE ESTATES HO ASSOC
WB1	BIG DIAMOND LLC
WB2	BLUESTONE SCHOOLS LLC
WB3	MEZZO OWNER LLC
WB16	DENTON CO FRESH WATER SUPPLY DIST 10
WB18	SMIRL, CLEO IRENE
WB19	SMIRL, WALTER E
WB20	ROLLINGHOUSE PROPERTIES LP
WB22	LOYD, MILDRED MAY
WB37	UNION PARK PHASE 3A LP
WB23	H4 LITTLE ELM LP

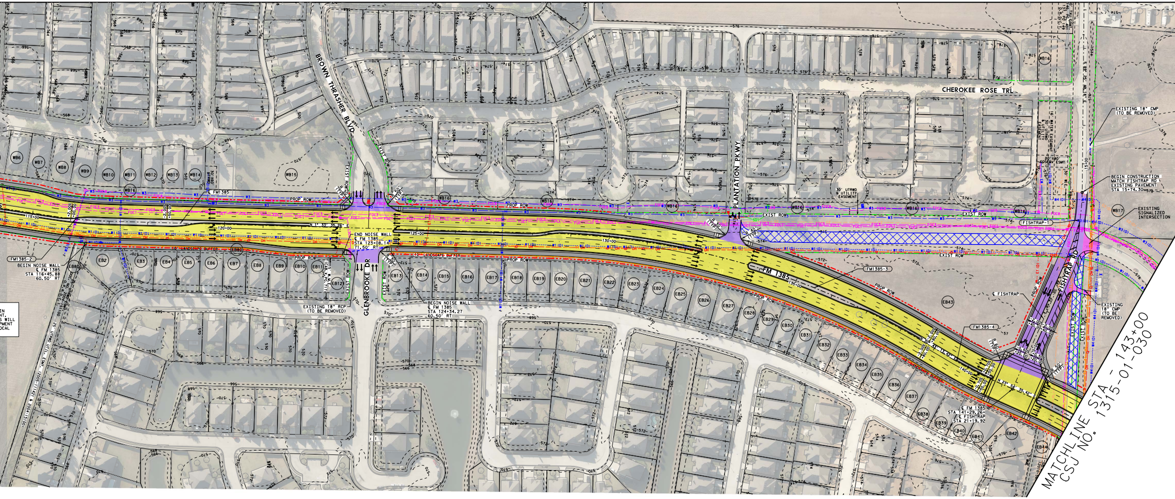

8300
(13000)
(14300)
8825
(13800)
(15200)
MATCHLINE

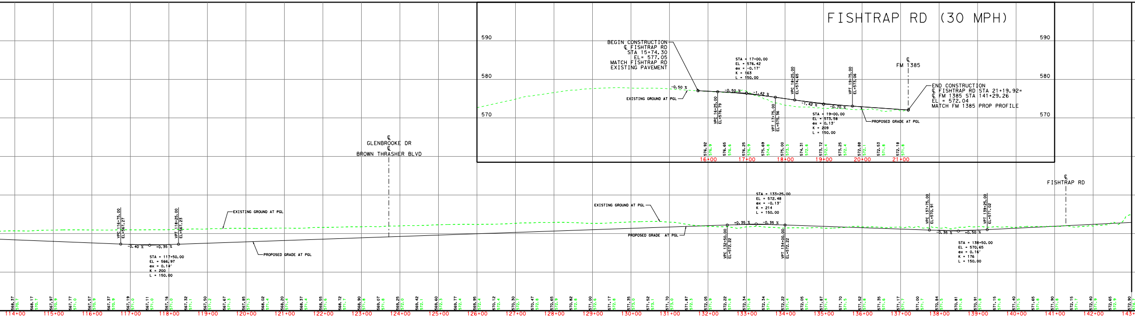
PRELIMINARY
NOT INTENDED FOR CONSTRUCTION
OR BIDDING PURPOSES


N
BEGIN PROJECT
BEGIN CSJ 1315-01-030
℄ FM1385 STA 100+74.50
MATCH EXISTING PAVEMENT
US 380/W UNIVERSITY DR
380
EXIST ROW
PROP ROW
50' UTRWD & UTILITY EASEMENT
WB1
WB2
WB3
WB4
WB5
BEGIN NOISE WALL
℄ FM 1385
STA 106+56.88
60.50' LT
FM1385-1
END NOISE WALL
℄ FM 1385
STA 107+23.68
60.50' LT
BEGIN NOISE WALL
℄ FM 1385
STA 108+16.13
60.50' LT
END NOISE WALL
℄ FM 1385
STA 111+11.95
78.00' LT
EXISTING 18" RCP
(TO BE REMOVED)
FM 1385
MAGNOLIA BLVD
85.7°
15' WATER ESMT.
10' STREET ESMT.
EB1
EB1A
105+00
110+00
PROPOSED (BY OTHERS)
NOTE:
MEDIAN OPENINGS WERE DETERMINED
COORDINATION WITH LOCAL GOVERNME
FINAL LOCATION OF MEDIAN OPENINGS
BE DETERMINED IN THE PS&E DEVELO
PHASE IN COORDINATION WITH THE L
GOVERNMENTS.
RDWY X-SLOPE
LT
℄
RT

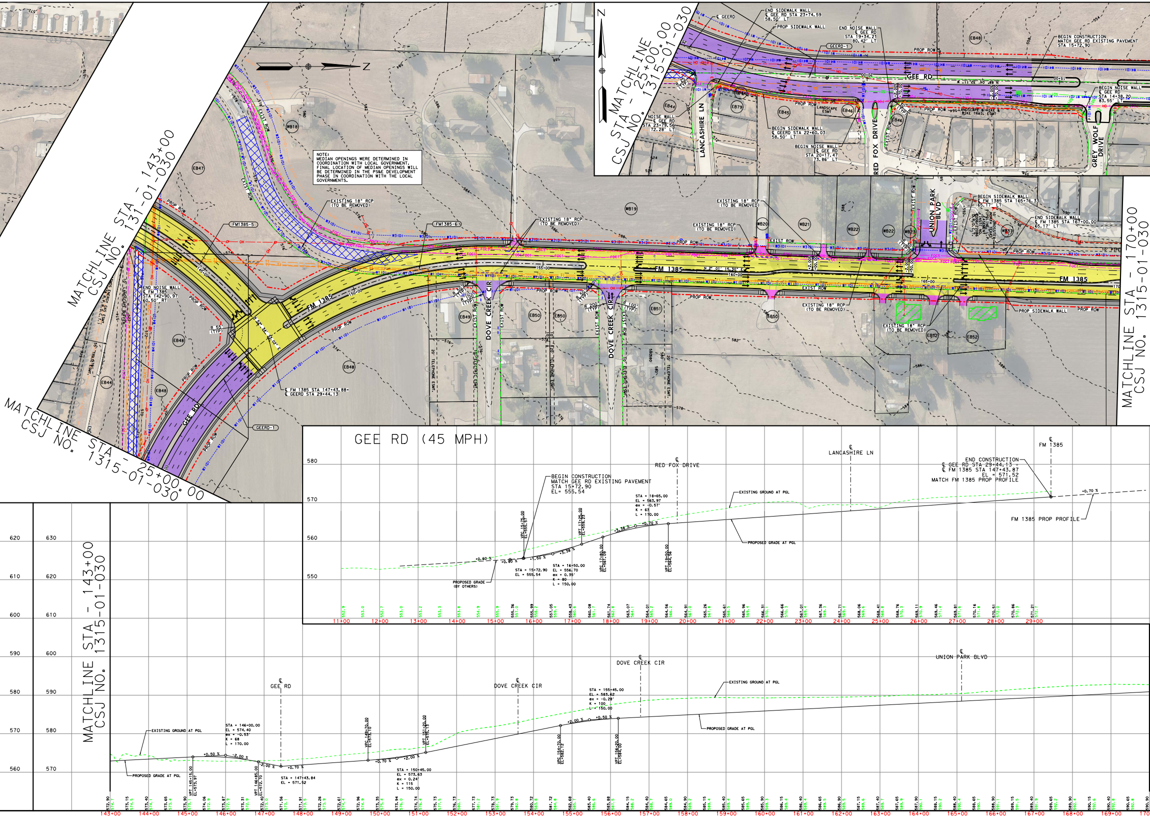
FM 1385 (45 MPH)




BROWN THRASHER BLVD
CHEROKEE ROSE TRL
PLANTATION PKWY
GLENBROOKE DR
FISHTRAP RD
FM 1385
EXIST ROW
PROP ROW
10' LANDSCAPE BUFFER
FM1385
FM1385-2
FM1385-3
FM1385-4
FISHTRAP-1
BEGIN NOISE WALL
℄ FM 1385
STA 116+45.88
60.50' RT
END NOISE WALL
℄ FM 1385
STA 123+08.14
71.50' RT
BEGIN NOISE WALL
℄ FM 1385
STA 124+34.27
60.50' RT
EXISTING 18" RCP
(TO BE REMOVED)
N 1° 33' 35.26" E
115+00
120+00
125+00
130+00
135+00
140+00
15+00
R 30' (TYP)
R 50' (TYP)
R 60' (TYP)
30' UTRWD & UTILITY EASEMENT
16' WATER EASEMENT
30' UTRWD & UTILITY EASEMENT
30'X80' COSERV ESMT
25' UTRWD UTIL. ESMT. DOC. NO. 2004-151100 O.P.R.D.C.T.
5' W.M.E. (CAB. X, PG. 717)
EXISTING 18" CMP
(TO BE REMOVED)
BEGIN CONSTRUCTION
MATCH FISHTRAP RD
EXISTING PAVEMENT
STA 15+74.30
EXISTING
SIGNALIZED
INTERSECTION
℄ FISHTRAP
EXISTING
18" CMP
(TO BE
REMOVED)
℄ FM 1385
STA 141+29.26=
℄ FISHTRAP
STA 21+19.92
WB6 WB7 WB8 WB9 WB10 WB11 WB12 WB13 WB14 WB15 WB16 WB17
EB2 EB3 EB4 EB5 EB6 EB7 EB8 EB9 EB10 EB11 EB12 EB13 EB14 EB15 EB16 EB17 EB18 EB19 EB20 EB21 EB22 EB23 EB24 EB25 EB26 EB27 EB28 EB29 EB30 EB31 EB32 EB33 EB34 EB35 EB36 EB37 EB38 EB39 EB40 EB41 EB42 EB43 EB44 EB80
W1 (D)
W3
W4 (D)
FOC1
FOC3
FOC8
OH
G2
E1 (D)
-2.00%
+2.00%
+50.00
+40.00
-0.50%
+20.00
IN
NT.
S WILL
PMENT
OCAL
MATCHLINE STA - 143+00
CSJ NO. 1315-01-030



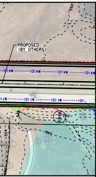
MATCHLINE STA - 143+00
CSJ NO. 1315-01-030

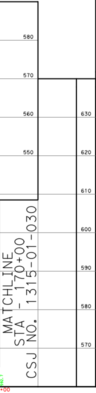


NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.

GEE RD (45 MPH)

MATCHLINE STA - 143+00
CSJ NO. 131-01-030
MATCHLINE STA - 25+00.00
CSJ NO. 1315-01-030
MATCHLINE STA - 170+00
CSJ NO. 1315-01-030
MATCHLINE STA - 143+00
CSJ NO. 1315-01-030
N
FM 1385
GEE RD
FM1385-5
FM1385-6
GEERD-1
PROP ROW
EXIST ROW
EXISTING 18" RCP
(TO BE REMOVED)
END NOISE WALL
℄ FM 1385
STA 142+90.97
60.50' RT
R 55'
(TYP)
N 52° 54' 33.02" E
℄ FM 1385 STA 147+43.88=
℄ GEERD STA 29+44.13
145+00
150+00
155+00
160+00
165+00
170
N 2° 01' 15.30" E
DOVE CREEK CIR
R 50'
(TYP)
R 100'
(TYP)
R 200'
(TYP)
R 30'
(TYP)
20' TELEPHONE ESMT.
10' ELECTRIC ESMT.
10' LANDSCAPE BUFFER
UNION PARK BLVD
BEGIN SIDEWALK WALL
℄ FM 1385 STA 165+76.33
65.17' LT
END SIDEWALK WALL
℄ FM 1385 STA 167+00.00
65.17' LT
PROP SIDEWALK WALL
10' CROSSTEX NORTH TEXAS PIPELINE, L.P. EASEMENT
10' PIPE
EB44
EB46
EB47
EB48
EB49
EB50
EB51
EB52
EB79
EB45
WB18
WB19
WB20
WB21
WB22
WB23
WB37
℄ GEERD
END SIDEWALK WALL
℄ GEE RD STA 23+74.59
58.50' LT
PROP SIDEWALK WALL
END NOISE WALL
℄ GEE RD
STA 19+34.21
80.42' LT
BEGIN CONSTRUCTION
MATCH GEE RD EXISTING PAVEMENT
STA 15+72.90
BEGIN NOISE WALL
℄ GEE RD
STA 14+38.20
83.55' LT
NOISE WALL
℄ GEE RD
STA 23+79.56
72.28' LT
BEGIN SIDEWALK WALL
℄ GEERD STA 22+60.03
58.50' LT
BEGIN NOISE WALL
℄ GEE RD
STA 20+17.47
73.86' LT
LANDSCAPE ESMT
LANDSCAPE & HIKE & BIKE TRAIL ESMT
LANCASHIRE LN
RED FOX DRIVE
GREY WOLF DRIVE
R 25'
(TYP)
20+00
15+00
N 88° 04' 32.11" W
580
570
560
550
℄
RED FOX DRIVE
℄
LANCASHIRE LN
℄
FM 1385
BEGIN CONSTRUCTION
MATCH GEE RD EXISTING PAVEMENT
STA 15+72.90
EL= 555.54
END CONSTRUCTION
℄ GEE RD STA 29+44.13 =
℄ FM 1385 STA 147+43.87
EL = 571.52
MATCH FM 1385 PROP PROFILE
EXISTING GROUND AT PGL
PROPOSED GRADE AT PGL
FM 1385 PROP PROFILE
PROPOSED GRADE
(BY OTHERS)
+0.60 %
+0.80 %
+1.50 %
+3.38 %
+0.70 %
STA = 15+72.90
EL = 555.54
STA = 16+50.00
EL = 556.70
ex = 0.35'
K = 80
L = 150.00
STA = 18+65.00
EL = 563.97
ex = -0.57'
K = 63
L = 170.00
VPC 15+75.00
EL=555.57
VPT 17+25.00
EL=559.23
VPC 17+80.00
EL=561.09
VPT 19+50.00
EL=564.56
11+00
12+00
13+00
14+00
15+00
16+00
17+00
18+00
19+00
20+00
21+00
22+00
23+00
24+00
25+00
26+00
27+00
28+00
29+00
620
610
600
590
580
570
560
630
620
610
600
590
580
570
℄
GEE RD
℄
DOVE CREEK CIR
℄
DOVE CREEK CIR
℄
UNION PARK BLVD
EXISTING GROUND AT PGL
PROPOSED GRADE AT PGL
STA = 146+00.00
EL = 574.40
ex = -0.53'
K = 68
L = 170.00
+0.50 %
-2.00 %
+0.70 %
+2.00 %
VPT 145+15.00
EL=573.97
VPT 146+85.00
EL=572.70
STA = 147+43.84
EL = 571.52
VPC 149+70.00
EL=573.10
VPT 151+20.00
EL=575.13
STA = 150+45.00
EL = 573.63
ex = 0.24'
K = 115
L = 150.00
STA = 155+45.00
EL = 583.62
ex = -0.28'
K = 100
L = 150.00
VPC 154+70.00
EL=582.12
VPT 156+20.00
EL=584.00
143+00
144+00
145+00
146+00
147+00
148+00
149+00
150+00
151+00
152+00
153+00
154+00
155+00
156+00
157+00
158+00
159+00
160+00
161+00
162+00
163+00
164+00
165+00
166+00
167+00
168+00
169+00
170


PROPOSED
(BY OTHERS)
550
554
546



Texas Department of Transportation ®

DALLAS DISTRICT
DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

DENTON COUNTY

FM 1385

FROM: US 380 TO FM 455
CSJ: 1315-01-030

FUNCTIONAL CLASS: URBAN MAJOR COLLECTOR

PROJECT LENGTH: 12.01 MILES

DESIGN SPEED:

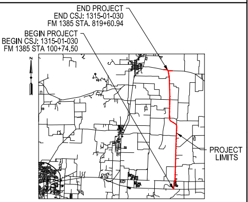
45 MPH = FM 1385

45 MPH = FM 455	45 MPH = FM 428 WEST
30 MPH = FISHTRAP RD	45 MPH = OLD FM 1385
45 MPH = GEE RD	45 MPH = MUSTANG RD
30 MPH = PARVIN RD	45 MPH = FRIENDSHIP RD
45 MPH = FM 428 EAST	30 MPH = LIGHTS RANCH RD
*30 MPH = ALL CONNECTIONS TO EXIST CROSS ST	30 MPH = STRITTMATTER RD

* MEETS OR EXCEEDS EXISTING CONDITIONS

INDEX OF SHEETS:

ROLL 1: US 380 TO UNION PARK BLVD - STA 100+74.50 TO STA 170+00
ROLL 2: UNION PARK BLVD TO NORTH OF WINN RIDGE RD - STA 170+00 TO STA 245+00
ROLL 3: NORTH OF WINN RIDGE RD TO FM 428 EAST - STA 245+00 TO STA 322+00
ROLL 4: FM 428 EAST TO NORTH OF FM 428 WEST - STA 322+00 TO STA 397+00
ROLL 5: NORTH OF FM 428 WEST TO MUSTANG CREEK - STA 397+00 TO STA 557+00
ROLL 6: MUSTAND CREEK TO NORTH OF JOE ALLEN RD - STA 557+00 TO STA 635+00
ROLL 7: NORTH OF JOE ALLEN RD TO NORTH OF FRIENDSHIP RD - STA 635+00 TO STA 713+00
ROLL 8: NORTH OF FRIENDSHIP RD TO STRITTMATTER RD - STA 713+00 TO STA 791+00
ROLL 9: STRITTMATTER RD TO FM 455 - STA 791+00 TO STA 819+60.94


END PROJECT
END CSJ: 1315-01-030
FM 1385 STA. 819+60.94
BEGIN PROJECT
BEGIN CSJ: 1315-01-030
FM 1385 STA 100+74.50
N
PROJECT
LIMITS

DENTON COUNTY

LOCATION MAP

N.T.S.

DECEMBER 2021

HORIZ SCALE: 1"=100'
0 50 100 150 200

VERTICAL SCALE: 1"=10'
0 5 10 15 20

HOWARD COLUMBUS GIBBS III, P.E.
(TX PE NO. 100239)

DATE SUBMITTED
12/10/2021

DATE APPROVED

DATE REVISED

PRELIMINARY
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.
Prepared by or under the Direct Supervision of
HOWARD C. GIBBS III, P.E. 100239
12/10/2021

NOT INTENDED FOR
CONSTRUCTION,
BIDDING, OR
PERMIT PURPOSES

ROLL 1 OF 9

Lina T. Ramey & Associates, Inc.
3320 Belt Line Rd
Farmers Branch, Texas 75234
TBPE Registration No. F-782

© 2021 by Texas Department of Transportation, All Rights Reserved