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:

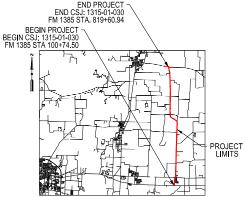
45 MPH = FM 1385

45 MPH = FM 455
30 MPH = FISHTRAP RD
45 MPH = GEE RD
30 MPH = PARVIN RD
45 MPH = FM 428 EAST
*30 MPH = ALL CONNECTIONS TO EXIST CROSS ST
45 MPH = FM 428 WEST
45 MPH = OLD FM 1385
45 MPH = MUSTANG RD
45 MPH = FRIENDSHIP RD
30 MPH = LIGHTS RANCH RD
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 3 OF 9

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

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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:

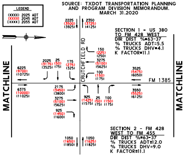
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON EXISTING PLANS AND AERIAL SURVEYS DATED APRIL 2020 AND RECORD PLANS
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION 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.

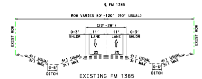

LEGEND
(XXXX) 2025 ADT
[XXXX] 2045 ADT
[XXXX] 2055 ADT
MATCHLINE
CRUTCHFIELD RD
FM 1385
2225 (3500) (3925)
2350 (3725) (4125)
150 (225) (250)
3275 (5100) (5625)
100 (150) (175)
2025 (3175) (3525)
25 (50) (75)
175 (275) (325)
6225 (9700) (10725)
3525 (5475) (6050)
6375 (10000) (11025)
2175 (3450) (3800)
3275 (5100) (5625)
925 (1450) (1600)
925 (1425) (1575)
25 (50) (75)
100 (150) (175)
3550 (5525) (6125)
1050 (1650) (1850)
1050 (1625) (1825)
MATCHLINE

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

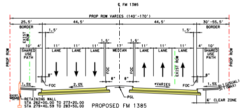
SECTION 1 - US 380 TO FM 428 WEST
DIR DIST %=63-37
% TRUCKS ADT=5.5
% TRUCKS DHV=4.1
K FACTOR=11.1

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.

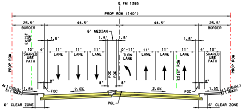

℄ FM 1385
ROW VARIES 80'-120' (90' USUAL)
(22'-28')
0-3' SHLDR
11' LANE
11' LANE
0-3' SHLDR
EXIST ROW
2%
4:1 USUAL 3:1 MAX
0-6' DITCH

EXISTING FM 1385
TYPICAL SECTION

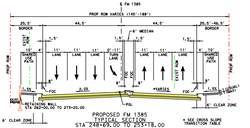

℄ FM 1385
PROP ROW VARIES (140'-170')
25.5' BORDER
44.5'
44.5'
30'-55.5' BORDER
1.5'
10' SHARED USE PATH
4'
11' LANE
11' LANE
11' LANE
17' MEDIAN
11' LANE
11' LANE
11' LANE
4'
10' SHARED USE PATH
EXIST ROW
PROP ROW
FOC
1.5%
2.0%
*VARIES
PGL
RETAINING WALL
STA 262+00.00 TO 273+20.00
STA 279+40.59 TO 283+50.00
EXIST. GROUND
6' CLEAR ZONE
4:1 (USUAL) 3:1 (MAX)

PROPOSED FM 1385
TYPICAL SECTION
STA 253+18.00 TO 258+49.41
STA 266+51.00 TO 270+99.00
STA 282+81.33 TO 286+12.00
STA 301+16.90 TO 310+79.19

* SEE CROSS SLOPE TRANSITION TABLE

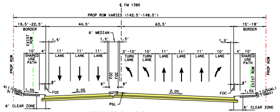

℄ FM 1385
PROP ROW (140')
25.5' BORDER
44.5'
44.5'
25.5' BORDER
6' MEDIAN
1.5'
10' SHARED USE PATH
4'
11' LANE
11' LANE
11' LANE
0'-11' TURN LANE
11' LANE
11' LANE
11' LANE
EXIST ROW
PROP ROW
FOC
1.5%
2.0%
PGL
6' CLEAR ZONE
4:1 (USUAL) 3:1 (MAX)

PROPOSED FM 1385
TYPICAL SECTION
STA 242+80.00 TO 247+28.00
STA 291+74.80 TO 295+47.00

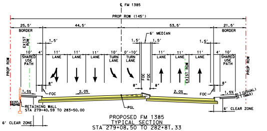

℄ FM 1385
PROP ROW VARIES (145'-188')
25.5' BORDER
44.5'
44.5'
25.5'-46.5' BORDER
6' MEDIAN
1.5'
10' SHARED USE PATH
4'
11' LANE
11' LANE
11' LANE
0'-11' TURN LANE
11' LANE
11' LANE
11' LANE
EXIST ROW
PROP ROW
FOC
1.5%
2.0%
*VARIES
PGL
RETAINING WALL
STA 262+00.00 TO 273+20.00
EXIST. GROUND
6' CLEAR ZONE
4:1 (USUAL) 3:1 (MAX)

PROPOSED FM 1385
TYPICAL SECTION
STA 248+69.00 TO 253+18.00
STA 262+02.00 TO 266+51.00
STA 272+24.00 TO 274+70.89
STA 287+37.00 TO 291+74.80
STA 296+72.00 TO 301+16.90
STA 313+83.80 TO 318+00.00

* SEE CROSS SLOPE TRANSITION TABLE

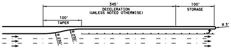

℄ FM 1385
PROP ROW VARIES (142.5'-148.5')
19.5'-22.5' BORDER
44.5'
63.5'
15'-18' BORDER
6' MEDIAN
1.5'
10' SHARED USE PATH
4'
11' LANE
11' LANE
11' LANE
0'-10' TURN LANE
10' TURN LANE
11' LANE
11' LANE
11' LANE
10'
EXIST ROW
PROP ROW
FOC
1.5%
2.0%
PGL
6' CLEAR ZONE
4:1 (USUAL) 3:1 (MAX)

PROPOSED FM 1385
TYPICAL SECTION
STA 274+70.89 TO 277+83.50


℄ FM 1385
PROP ROW (145')
25.5' BORDER
44.5'
53.5'
21.5' BORDER
6' MEDIAN
1.5'
10' SHARED USE PATH
4'
11' LANE
11' LANE
11' LANE
10' TURN LANE
0'-10' TURN LANE
11' LANE
11' LANE
11' LANE
EXIST ROW
PROP ROW
FOC
1.5%
2.0%
PGL
RETAINING WALL
STA 279+40.59 TO 283+50.00
EXIST. GROUND
6' CLEAR ZONE
4:1 (USUAL) 3:1 (MAX)

PROPOSED FM 1385
TYPICAL SECTION
STA 279+08.50 TO 282+81.33

PROP ID	PROPERTY OWNERS' NAME
EB62	1385 MUSTANG PARK LP
EB63	1385 MUSTANG PARK LP
EB64	BLYTHE, LARRY G & MARY C
EB65	BATES, RICK & TAMMY
EB66	MUSTANG WATER SUPPLY
EB67	CADG SUTTON FIELDS LLC
EB68	CELINA, CITY OF
EB70	MAGE PARTNERS LLC
EB71	RILEY, DENA E
EB72	HAMNER, JEFF
EB73	SS GROUP LLC
EB74	SF COLIN COUNTY, LLC
EB75	TARSAN CORP
EB76	MONSALVE, ADOLFO I & LAURA A
WB29	SANDBROCK RANCH HOMEOWNERS ASSOCIATION, INC
WB29A	HORIZON/DEER CREEK DEVELOPMENT CORP
WB30	SANDBROCK INVESTMENTS INC
WB31	MUSTANG SPECIAL UTILITY DISTRICT
WB36	SANDBROCK RANCH HOMEOWNERS ASSOCIATION INC


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

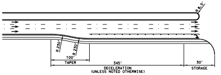
TYPICAL LEFT-TURN BAY DETAILS (45 MPH)
N.T.S

HORIZONTAL ALI

CHAIN NO.	POT STA	POT-NORTHING	POT-EASTING
FM1385	274+03.68	7,148,527.76	2,459,874.68

HORIZONTAL CURVE

CURVE NO.	DELTA	DEGREE	TANGENT
FM1385-7	0° 52' 07.27" (RT)	1° 08' 45.30"	37.90'
FM1385-8	1° 53' 52.21" (RT)	0° 34' 22.65"	165.63'

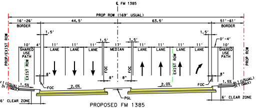

R 8.5'
R 230'
R 230'
100' TAPER
345'
DECELERATION (UNLESS NOTED OTHERWISE)
30' STORAGE

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

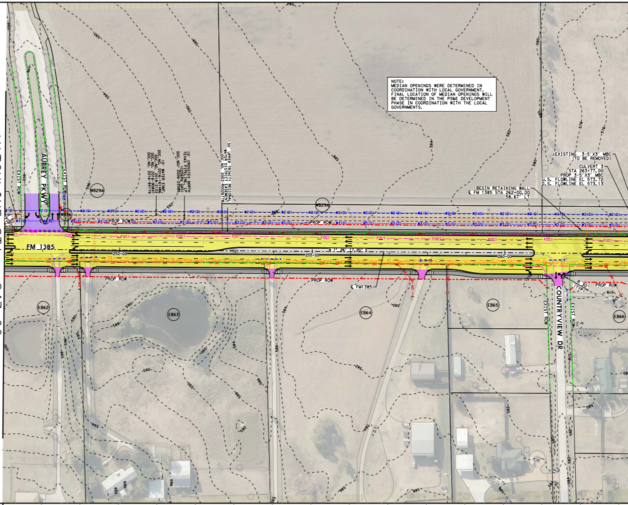
CROSS SLOPE TRANSITIONS				
CHAIN ID.	LEFT		RIGHT	
	STA	e	STA	e
FM 1385	---	---	285+00.00	-2.00%
	---	---	287+50.00	2.00%

PRELIMINARY

NOT INTENDED FOR CONSTRUCTION
OR BIDDING PURPOSES


℄ FM 1385
PROP ROW (169' USUAL)
16'-26'
BORDER
44.5'
63.5'
51'-61'
BORDER
1.5'
1.5'
1.5'
1.5'
0'-4'
10'
4'
11'
11'
11'
17'
11'
11'
11'
11'
10'
SHARED USE PATH
LANE
LANE
LANE
MEDIAN
LANE
LANE
LANE
LANE
SHARED USE PATH
PROP/EXIST ROW
EXIST ROW
FOC
FOC
EXIST ROW
PROP ROW
8"
8"
8"
8"
4:1 (USUAL)
3:1 (MAX)
1.5%
FOC
2.0%
2.0%
FOC
1.5%
4:1 (USUAL)
3:1 (MAX)
PGL
6' CLEAR ZONE
6' CLEAR ZONE

PROPOSED FM 1385
TYPICAL SECTION
STA 318+00.00 TO 322+14.90
STA 258+49.41 TO 260+77.00
STA 310+79.19 TO 312+58.80


MATCHLINE STA - 247+00
CSJ NO. 1315-01-030
AUBREY PKWY
EXIST ROW
EXIST ROW
FM 1385
PROP ROW
PROP ROW
PROP ROW
℄ FM1385
250+00
255+00
260+00
N 1° 26' 17.20" E
10' WATER ESMT.
DOC.NO. 2016-161486
DOC.NO. 2018-2122
DOC.NO. 2016-90841
DOC.NO. 2016-94179
10' CROSSTEX NORTH
TEXAS PIPELINE, LP
(COSERV GAS)
DOC. NO. 2006-22085
30' UPPER TRINITY REGIONAL
WATER DISTRICT EASEMENT
DOC.NO. 2003-R0026778
WB29A
WB29A
EB62
EB63
EB64
EB65
EB66
FOC1
BEGIN RETAINING WALL
℄ FM 1385 STA 262+00.00
58.67' LT
EXISTING 3-5'X3' MBC
(TO BE REMOVED)
CULVERT 3
STA 263+77.00
PROP 3-5'X3' MBC
U.S. FLOWLINE EL 573.72
D.S. FLOWLINE EL 573.13
COUNTRYVIEW DR
EXIST ROW
EXIST ROW
PROP ROW
580
582
584
586
588
590
592
594
596
598
576
578

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.

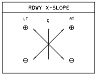
GNMENT DATA

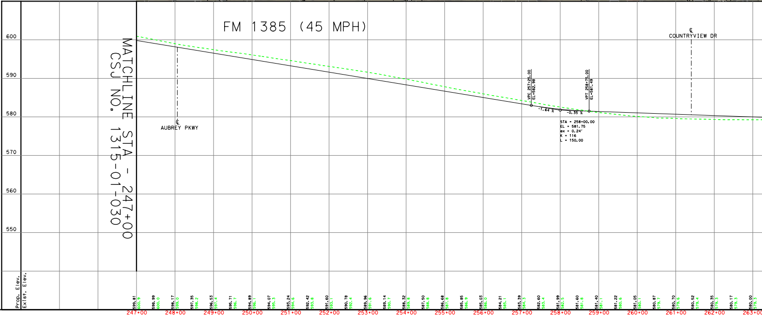
BEARING	POT STA	POT-NORTHING	POT-EASTING
1° 26' 17.20" E	--	--	--

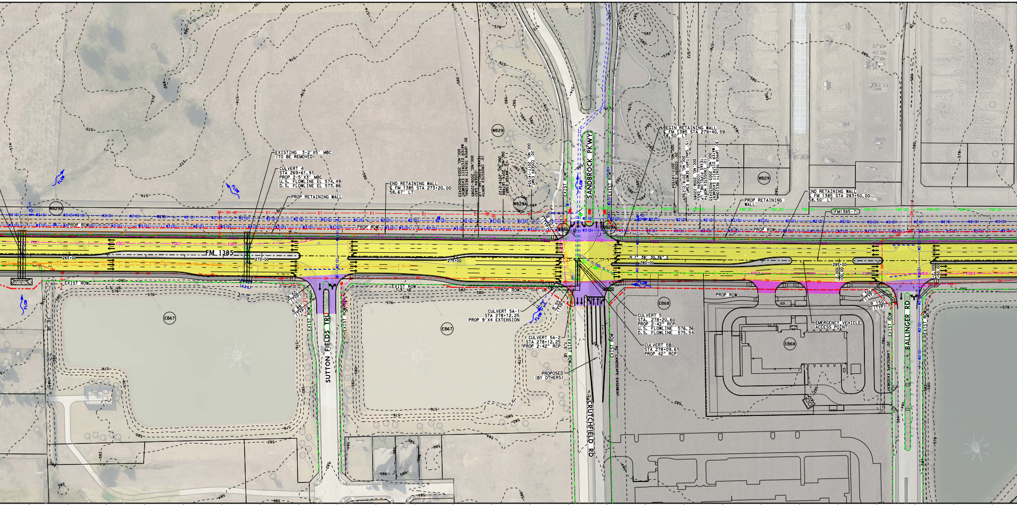
DATA TABLE

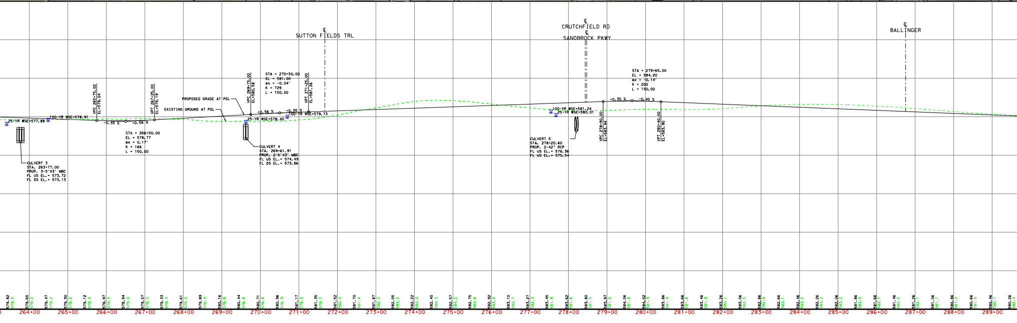
LENGTH	RADUIS	PI STA	PC STA	PT STA
75.81'	5000'	284+53.41	284+15.51	284+91.32
331.24'	10000'	300+65.35	298+99.71	302+30.95

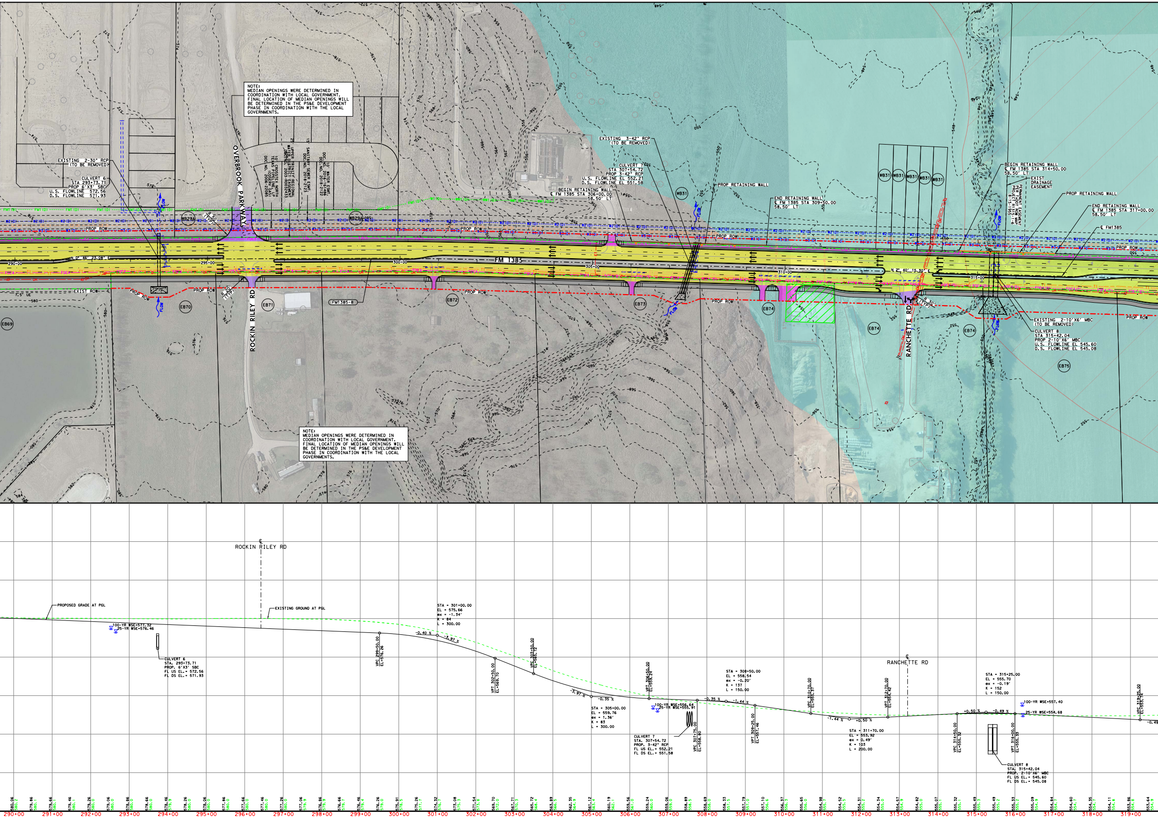
TRANSITION LENGTH
250'


RDWY X-SLOPE
LT
℄
RT
⊕
⊕
⊖
⊖




FM 1385
EXISTING 3-2'X5' MBC
(TO BE REMOVED)
CULVERT 4
STA 269+61.91
PROP 2-5'X3' MBC
U.S. FLOWLINE EL 574.49
D.S. FLOWLINE EL 573.86
PROP RETAINING WALL
END RETAINING WALL
℄ FM 1385 STA 273+20.00
58.67' LT
30' UPPER TRINITY REGIONAL WATER DISTRICT EASEMENT DOC.NO. 2003-R0032433
10' CROSSTEX NORTH TEXAS PIPELINE, LP (COSERV GAS) DOC.NO. 2006-22085
10' WATER ESMT. DOC.NO. 2016-L6F486 DOC.NO. 2018-2122
20' COSERV ESMT. DOC.NO. 2017-141554
WB29
WB29A
WB29A
EB36
SANDBROCK PKWY
EXIST ROW
FLOW
BEGIN RETAINING WALL
℄ FM 1385 STA 279+40.59
58.50' LT
20' COSERV ESMT. DOC.NO. 2017-141554
15' SANITARY SEWER ESMT. DOC.NO. 2018-2123
10' CROSSTEX NORTH TEXAS PIPELINE, LP (COSERV GAS) DOC.NO. 2006-22085
30' UPPER TRINITY REGIONAL WATER DISTRICT EASEMENT DOC.NO. 2003-R0032433
PROP RETAINING WALL
END RETAINING WALL
℄ FM 1385 STA 283+50.00
58.50' LT
FM1385-7
PROP ROW
N 1° 38' 30.36" E
265+00
270+00
275+00
280+00
285+00
R 50' (TYP)
R 55' (TYP)
R 150' (TYP)
EXIST ROW
7.5' UE
SUTTON FIELDS TRL
EB67
EB67
CULVERT 5A-1
STA 278+12.25
PROP 9'X4 EXTENSION
CULVERT 5A-2
STA 278+12.25
PROP 2-42" RCP
PROPOSED
(BY OTHERS)
CRUTCHFIELD RD
CULVERT 5
STA. 278+20.60
PROP 2-42" RCP
U.S. FLOWLINE 576.36
D.S. FLOWLINE 575.54
CULVERT 5B
STA 278+09.61
PROP 42" RCP
EB68
EB68
40' LANDSCAPE EASEMENT
EMERGENCY VEHICLE
ACCESS POINT
20' LANDSCAPE EASEMENT
BALLINGER RD




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.

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.

EXISTING 2-30" RCP (TO BE REMOVED)
CULVERT 6
STA 293+73.71
PROP 6'X3' SBC
U.S. FLOWLINE 572.56
D.S. FLOWLINE 571.93
OVERBROOK PARKWAY
10' CROSSTEX NORTH TEXAS PIPELINE, LP (COSERV GAS) DOC NO. 2006-22085
25' UPPER TRINITY REGIONAL WATER DISTRICT EASEMENT DOC NO. 2003-R0032433
15' SANITARY SEWER ESMT. DOC NO. 2018-2123
10' WATER ESMT. DOC NO. 2016-161486 DOC NO. 2018-2122
WB29A
R 50' (TYP)
PROP ROW
EXIST ROW
7.5' UE
N 0° 46' 23.08" E
290+00
295+00
300+00
305+00
310+00
315+00
FM 1385
FLOW
EB69
EB70
EB71
EB72
EB73
EB74
EB75
R 20' (TYP)
ROCKIN RILEY RD
FM1385-8
EXISTING 3-42" RCP (TO BE REMOVED)
CULVERT 7
STA 307+54.72
PROP 3-42" RCP
U.S. FLOWLINE EL 552.21
D.S. FLOWLINE EL 551.58
BEGIN RETAINING WALL
℄ FM 1385 STA 306+00.00
58.50' LT
PROP RETAINING WALL
WB31
END RETAINING WALL
℄ FM 1385 STA 309+50.00
58.50' LT
WB31
WB31
WB31
WB31
WB31
N 2° 40' 15.30" E
RANCHETTE RD
R 30' (TYP)
BEGIN RETAINING WALL
℄ FM 1385 STA 314+50.00
58.50' LT
EXIST DRAINAGE EASEMENT
PERMANENT EASEMENT PER TxDOT ROW MAP PROJECT R1315-1-6 8-15-1955
PROP RETAINING WALL
END RETAINING WALL
℄ FM 1385 STA 317+00.00
58.50' LT
℄ FM1385
PROP ROW
EXISTING 2-10'X6' MBC (TO BE REMOVED)
CULVERT 8
STA 315+42.04
PROP 2-10'X6' MBC
U.S. FLOWLINE EL 545.60
D.S. FLOWLINE EL 545.08
W2(D)
W3(D)
FM1(D)
G2(D)
FOC3
FOC4
OH
T1
ROCKIN RILEY RD
PROPOSED GRADE AT PGL
EXISTING GROUND AT PGL
100-YR WSE=577.32
25-YR WSE=576.46
CULVERT 6
STA. 293+73.71
PROP. 6'X3' SBC
FL US EL.= 572.56
FL DS EL.= 571.93
VPC 299+50.00
EL=576.26
STA = 301+00.00
EL = 575.66
ex = -1.34'
K = 84
L = 300.00
-0.40 %
-3.97 %
VPT 302+50.00
EL=569.70
VPC 303+50.00
EL=565.72
-3.97 %
-0.35 %
STA = 305+00.00
EL = 559.76
ex = 1.36'
K = 83
L = 300.00
VPT 306+50.00
EL=559.24
100-YR WSE=556.64
25-YR WSE=555.91
CULVERT 7
STA. 307+54.72
PROP. 3-42" RCP
FL US EL.= 552.21
FL DS EL.= 551.58
VPC 307+75.00
EL=558.80
STA = 308+50.00
EL = 558.54
ex = -0.20'
K = 137
L = 150.00
-0.35 %
-1.44 %
VPT 309+25.00
EL=557.46
VPC 310+70.00
EL=555.37
-1.44 %
+0.50 %
STA = 311+70.00
EL = 553.92
ex = 0.49'
K = 103
L = 200.00
VPT 312+70.00
EL=554.42
℄
RANCHETTE RD
STA = 315+25.00
EL = 555.70
ex = -0.19'
K = 152
L = 150.00
+0.50 %
-0.49 %
VPC 314+50.00
EL=555.32
VPT 316+00.00
EL=555.33
100-YR WSE=557.40
25-YR WSE=554.68
CULVERT 8
STA. 315+42.04
PROP. 2-10'X6' MBC
FL US EL.= 545.60
FL DS EL.= 545.08
VPC 319+25.00
EL=553.74
-0.49
290+00
291+00
292+00
293+00
294+00
295+00
296+00
297+00
298+00
299+00
300+00
301+00
302+00
303+00
304+00
305+00
306+00
307+00
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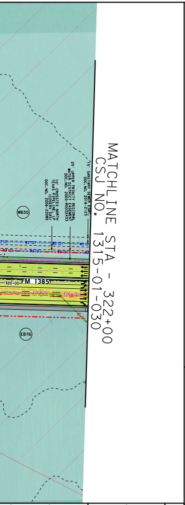
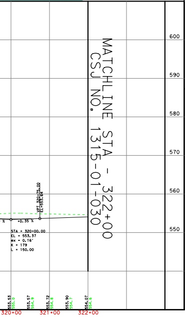
316+00
317+00
318+00
319+00


MATCHLINE STA - 322+00
CSJ NO. 1315-01-030
15' SANITARY SEWER ESMT.
DOC.NO. 2018-2123
25' UPPER TRINITY REGIONAL
WATER DISTRICT EASEMENT
DOC.NO. 2003-R0032433
10' CROSSTEX NORTH
TEXAS PIPELINE, LP
(COSERV GAS)
DOC.NO. 2006-22085
WB30
EB76
FM 1385
320+00
W2(D)
G2(D)
FOC3
FOC4(D)
OH



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

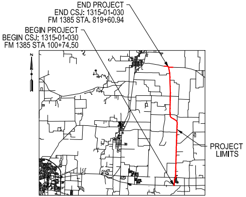
45 MPH = FM 455
30 MPH = FISHTRAP RD
45 MPH = GEE RD
30 MPH = PARVIN RD
45 MPH = FM 428 EAST
*30 MPH = ALL CONNECTIONS TO EXIST CROSS ST

45 MPH = FM 428 WEST
45 MPH = OLD FM 1385
45 MPH = MUSTANG RD
45 MPH = FRIENDSHIP RD
30 MPH = LIGHTS RANCH RD
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 3 OF 9

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

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