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:

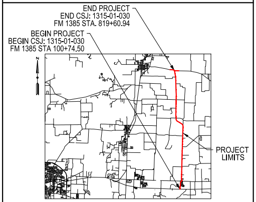
45 MPH = FM 1385

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
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
04/28/2022

DATE REVISED
05/01/2023

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 2 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
⎍	PROPOSED NOISE 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:

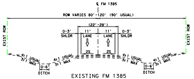
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON EXISTING PLANS AND AERIAL SURVEYS DATED APRIL 2020 AND RECORD PLANS
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION 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.
16. THE LOCATIONS OF THE PROPOSED NOISE BARRIERS ARE INCLUDED ON THE SCHEMATIC AND WILL BE FINALIZED AFTER A NOISE WORKSHOP HAS BEEN CONDUCTED.

UTILITY LEGEND

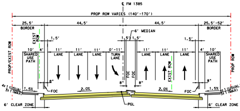
— — T1 — —	TELEPHONE ATT
----T1 (D)-------T1 (D)----	TELEPHONE ATT
— — T2 — —	TELEPHONE FRONTIER (VERIZON)
----T2 (D)-------T2 (D)----	TELEPHONE FRONTIER (VERIZON)
------ T-DUCT1 (D) -------	T-DUCT ATT
— — FOC1 — —	FIBER OPTIC ATT
--FOC1 (D)-------FOC1 (D)--	FIBER OPTIC ATT
— — FOC3 — —	FIBER OPTIC NORTEX 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

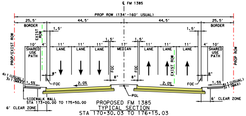
UTILITY NOTE:
ALL UTITITIES SHOWN ARE LEVEL "B" WHICH WERE ARRIVED AT USING GEOPHYSICAL EQUIPMENT UNLESS NOTED. LEVEL "D" UTILITIES ARE DERIVED FROM FURNISHED RECORDS.


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

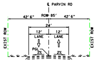
EXISTING FM 1385
TYPICAL SECTION
STA 170+00.00 TO 245+00.00


℄ FM 1385
PROP ROW VARIES (140'-170')
25.5' BORDER
44.5'
44.5'
25.5'-52' 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
4'
10' SHARED USE PATH
PROP/EXIST ROW
EXIST ROW
FOC
8"
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
6' CLEAR ZONE
PGL
PROP ROW

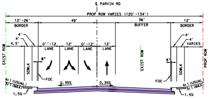
PROPOSED FM 1385
TYPICAL SECTION
STA 177+39.97 TO 181+34.70
STA 194+62.00 TO 199+25.70
STA 221+45.90 TO 226+07.20


℄ FM 1385
PROP ROW (134'-160' USUAL)
25.5' BORDER
44.5'
44.5'
25.5' 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
PROP/EXIST ROW
EXIST ROW
PROP ROW
FOC
8"
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
PGL
SIDEWALK WALL
STA 173+00.00 TO 175+50.00
6' CLEAR ZONE

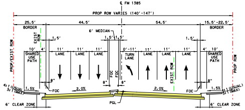
PROPOSED FM 1385
TYPICAL SECTION
STA 170+30.03 TO 176+15.03
STA 185+71.00 TO 193+37.00
STA 205+17.50 TO 213+34.50
STA 219+07.50 TO 220+20.90
STA 231+91.00 TO 242+80.00


℄ PARVIN RD
ROW 85'
42'6"
42'6"
24'
12' LANE
12' LANE
EXIST ROW
EXIST ROW
PGL
2%
2%

EXISTING PARVIN RD
TYPICAL SECTION
STA 10+00.00 TO 14+29.89


℄ PARVIN RD
PROP ROW VARIES (120'-134')
12'-26' BORDER
48'
36' BUFFER
12' BORDER
4'
4.5'
0'-12 LANE
12' LANE
0'-12' LANE
12' LANE
4' VARIES
SDWLK
EXIST ROW
PROP ROW
FOC
8"
0.35%
0.35%
4:1 (USUAL) 3:1 (MAX)
1.5%

PROPOSED PARVIN RD
TYPICAL SECTION
STA 10+00.00 TO 10+79.44


℄ FM 1385
PROP ROW VARIES (140'-147')
25.5' BORDER
44.5'
54.5'
15.5'-22.5' 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
4'
10' SHARED USE PATH
PROP/EXIST ROW
EXIST ROW
PROP ROW
FOC
8"
2.0%
1.5%
4:1 (USUAL) 3:1 (MAX)
PGL
6' CLEAR ZONE

PROPOSED FM 1385
TYPICAL SECTION
STA 181+34.70 TO 184+76.00
STA 199+25.70 TO 203+92.50
STA 213+34.50 TO 217+82.50
STA 226+07.20 TO 230+66.00
STA 242+80.00 TO 247+28.00

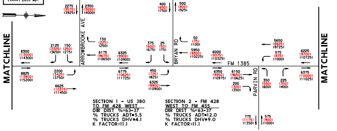
CROSS SLO		
CHAIN ID.	LEFT	
	STA	
PARVIN RD	10+80.00	
	12+15.00	

CHAIN NO.	POT STA	POT-N
PARVIN	10+00.00	7,143,

CURVE NO.	DELTA
FM1385-6	39° 26' 42.28" (RT)

LEGEND
(XXXX) 2025 ADT
(XXXX) 2045 ADT
(XXXX) 2055 ADT

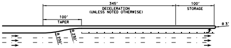
SOURCE: TXDOT TRANSPORTATION PLANNING AND PROGRAM DIVISION MEMORANDUM. MARCH 31.2020


MATCHLINE
ARROWBROOKE AVE
BRYAN RD
FM 1385
PARVIN RD
MATCHLINE
2275 (3575) (3925)
2350 (3650) (4000)
400 (650) (750)
500 (800) (925)
150 (225) (250)
50 (75) (100)
5650 (8825) (9725)
8300 (13000) (14300)
2125 (3325) (3650)
150 (250) (275)
6175 (9675) (10650)
6325 (9900) (10900)
375 (600) (675)
25 (50) (75)
5950 (9300) (10225)
6000 (9375) (10325)
575 (875) (1000)
6225 (9700) (10725)
8825 (13800) (15200)
2200 (3425) (3750)
6625 (10375) (11450)
6775 (10625) (11725)
450 (725) (825)
6325 (9900) (10900)
6350 (9950) (10975)
6150 (9650) (10625)
200 (300) (350)
350 (550) (600)
225 (350) (400)
6375 (10000) (11025)
775 (1175) (1350)
575 (900) (1000)

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

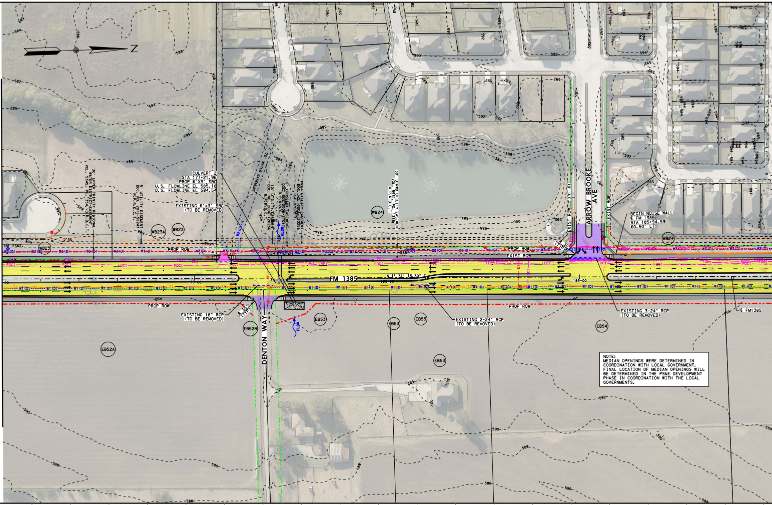
TRAFFIC DIAGRAM - FM 1385
N.T.S.


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

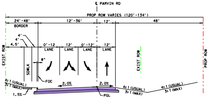
PRELIMINARY
NOT INTENDED FOR CONSTRUCTION
OR BIDDING PURPOSES

MATCHLINE STA - 170+00
CSJ NO. 1315-01-030



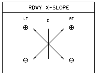
Z
CULVERT 2
STA 177+21.96
PROP 6'X3' SBC
U.S. FLOWLINE EL 585.18
D.S. FLOWLINE EL 584.54
EXISTING 6'x3' SBC
(TO BE REMOVED)
5' UTILITY EASEMENT DOC. NO. 2018-58247 R.P.R.D.C.T.
30' UPPER TRINITY REGIONAL WATER DISTRICT EASEMENT
20' WATER EASEMENT
10' UTILITY EASEMENT DOC. NO. 2006-120256 R.P.R.D.C.T.
8' CROSSTEX EASEMENT DOC. NO. 2006-27087 R.P.R.D.C.T.
UTILITY EASEMENT DOC. NO. 2006-120256 R.P.R.D.C.T.
30' UTRWD UTILITY EASEMENT
WB23A
WB23
WB25
WB24
EB52A
EB52B
EB53
EB54
PROP ROW
EXIST ROW
FM 1385
N 1° 31' 15.30" E
175+00
180+00
185+00
DENTON WAY
ARROW BROOKE AVE
R 35' (TYP)
R 30' (TYP)
EXISTING 18" RCP
(TO BE REMOVED)
EXISTING 2-24" RCP
(TO BE REMOVED)
EXISTING 3-24" RCP
(TO BE REMOVED)
BEGIN NOISE WALL
℄ FM 1385
STA 185+94.59
60.50' LT
℄ FM1385
FLOW
10' U.E.
W1(D)
W3(D)
W2(D)
FOC1
OH
G2
584
586
588
590
592
594

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.



℄ PARVIN RD
PROP ROW VARIES (120'-134')
24'-48'
BORDER
12'-36'
12'
48'
4'
4'
4.5'
0'-12
LANE
12'
LANE
0'-12'
LANE
12'
LANE
8"
SDWLK
FOC
EXIST ROW
EXIST ROW
PROP ROW
4:1 (USUAL)
3:1 (MAX)
1.5%
2.0%
2.0%
PGL
4:1 (USUAL)
3:1 (MAX)
4:1 (USUAL)
3:1 (MAX)

PROPOSED PARVIN RD
TYPICAL SECTION
STA 10+97.44 TO 14+29.89


RDWY X-SLOPE

PE TRANSITIONS

	RIGHT		TRANSITION LENGTH
e	STA	e	
0.35%	10+80.00	-0.35%	135'
-2.00%	12+15.00	-2.00%	

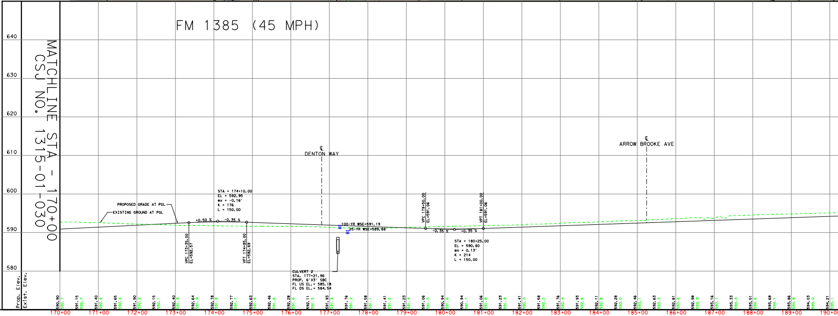
HORIZONTAL ALIGNMENT DATA

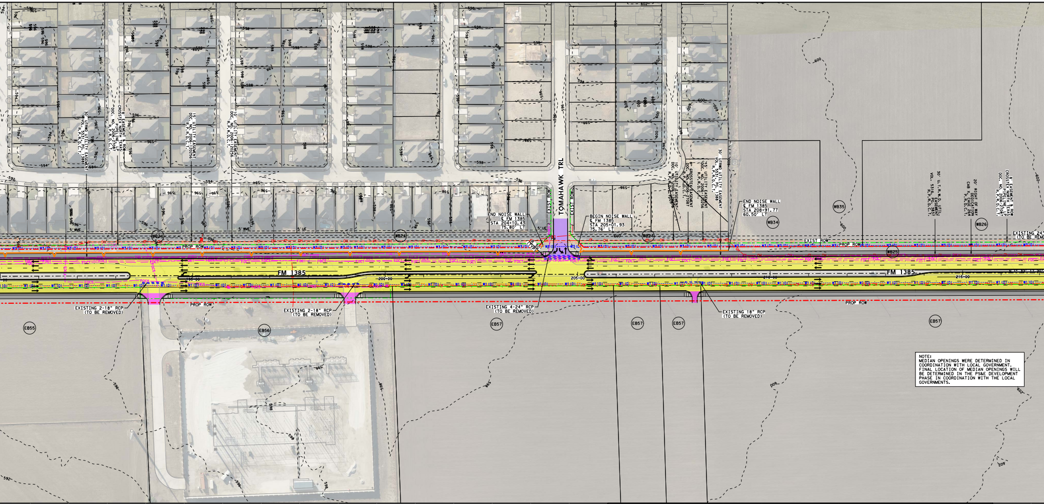
ORTHING	POT-EASTING	BEARING	POT STA	POT-NORTHING	POT-EASTING
,209.17	2,459,738.19	N 89° 24' 51.54" E	16+99.24	7,143,216.31	2,460,437.40

HORIZONTAL CURVE DATA TABLE

DEGREE	TANGENT	LENGTH	RADUIS	PI STA	PC STA	PT STA
6° 01' 52.08"	340.57'	654.02'	950.00'	150+84.45	147+43.88	153+97.91

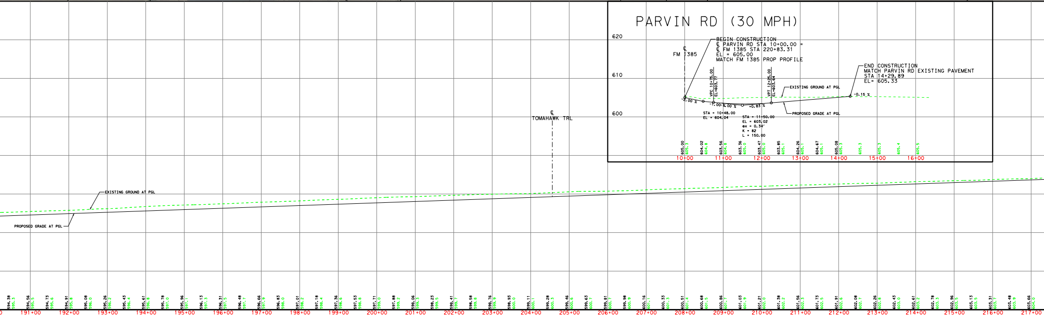
PROP ID	PROPERTY OWNERS' NAME
EB52A	NORTH TEXAS CONFERENCE OF THE UNITED METHODIST CHURCH
EB52B	DENTON ISD
EB53	DENTON INDEPENDENT SCHOOL DISTRICT
EB54	MNCS DEVELOPERS LLC
EB55	1385 LAND LLC
EB56	BRAZOS ELECTRIC POWER COOP INC
EB57	SMISHER PARTNERS LP P/S
EB58	TEXAS REPUBLIC REALTY LTD
EB60	HONG, ANNA LIZ
EB61	MRMS FM 1385 INVESTMENTS LLC
EB62	1385 MUSTANG PARK LP
WB23	H4 LITTLE ELM LP
WB23A	UNION PARK PHASE 6A LP
WB24	ARROWBROOKE HOMEOWNERS ASSOCIATION INC
WB25	DENTON, COUNTY OF
WB26	BRYAN ROAD RETAIL PARTNERS, LP
WB27	WINN RIDGE HOMEOWNERS ASSOCIATION INC
WB28	HERNANDEZ, OLIVER FLORES
WB29	SANDBROCK RANCH HOMEOWNERS ASSOCIATION, INC

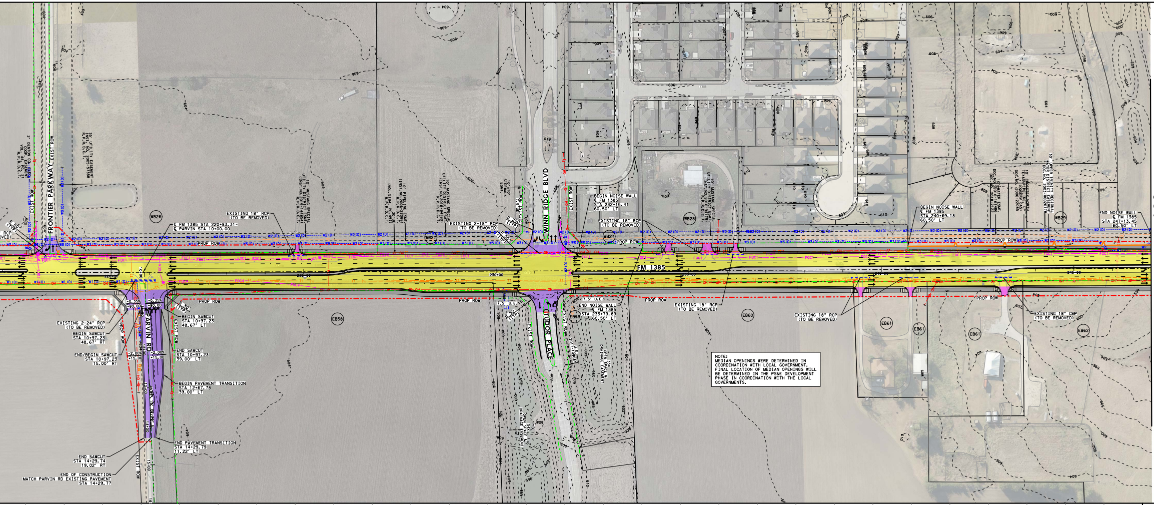




TOMAHAWK TRL
FM 1385
EXIST ROW
PROP ROW
END NOISE WALL
℄ FM 1385
STA 204+10.43
75.80' LT
BEGIN NOISE WALL
℄ FM 1385
STA 205+01.93
75.76' LT
END NOISE WALL
℄ FM 1385
STA 208+91.77
60.50' LT
R 30' (TYP)
10' UTILITY EASEMENT DOC. NO. 2006-120256 R.P.R.D.C.T.
8' CROSSTEX EASEMENT DOC. NO. 2006-27087 R.P.R.D.C.T.
15' UTILITY EASEMENT DOC. NO. 2006-120256 R.P.R.D.C.T.
30' UTRWD UTILITY EASEMENT VOL. 5531, PG. 1388 R.P.R.D.C.T.
20' RIGHT OF WAY DEDICATION CAB X, PAGE 264 P.R.D.C.T.
EXISTING 2-18" RCP (TO BE REMOVED)
EXISTING 2-18" RCP (TO BE REMOVED)
EXISTING 4-24" RCP (TO BE REMOVED)
EXISTING 18" RCP (TO BE REMOVED)
200+00
205+00
210+00
215+00
WB24
WB34
WB35
WB25
WB26
EB55
EB56
EB57
5' UE
5' WME

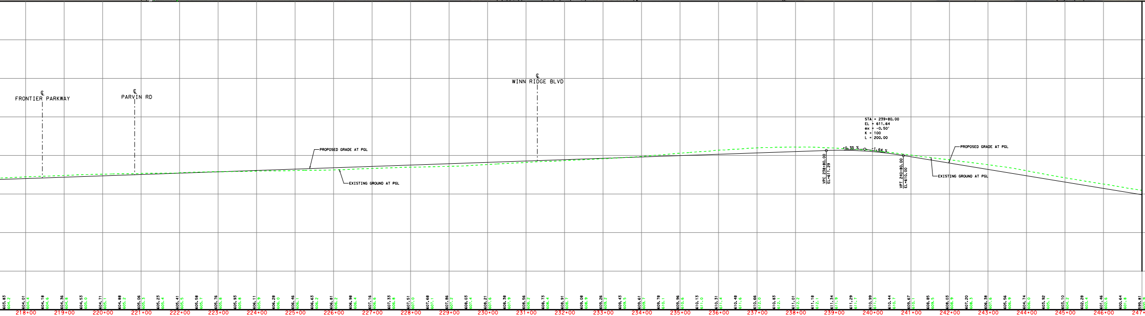
NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.




2' DENTON CO. ELEC. COOP. EASEMENT VOL. 44, PG. 21 R.P.R.D.C.T.
FRONTIER PARKWAY
EXIST ROW
35' UTILITY EASEMENT INST. NO. 2005-57358 R.P.R.D.C.T.
R 50' (TYP)
EXISTING 18" RCP (TO BE REMOVED)
10' MUSTANG SPECIAL UTILITY DISTRICT ESMT. (INST.NO.2015-144854) R.P.R.D.C.T.
30' UE (VOL.5194, PG.4971) R.P.R.D.C.T.
10' PIPELINE ESMT. (INST.NO.2006-22088) R.P.R.D.C.T.
10' MUSTANG SPECIAL UTILITY DISTRICT ESMT. (INST.NO.2016-94180) R.P.R.D.C.T.
WB26
℄ FM 1385 STA 220+83.31=
℄ PARVIN STA 10+00.00
PROP ROW
WB27
EXISTING 2-18" RCP (TO BE REMOVED)
R 200' (TYP)
R 50' (TYP)
10'x10' SIDEWALK ESMT.
7.5' UE
EXIST ROW
WINN RIDGE BLVD
BEGIN NOISE WALL
℄ FM 1385
STA 232+15.41
60.50' LT
EXISTING 18" RCP (TO BE REMOVED)
WB28
10' MUSTANG SPECIAL UTILITY DISTRICT ESMT. (INST.NO.2016-94179) R.P.R.D.C.T.
FM 1385
BEGIN NOISE WALL
℄ FM 1385
STA 240+69.18
60.50' LT
10' WATER ESMT. DOC.NO. 2016-161486 DOC.NO. 2018-2122
10' CROSSTEX NORTH TEXAS PIPELINE LP (COSERV GAS) DOC.NO. 2006-22085
30' UPPER TRINITY REGIONAL WATER DISTRICT EASEMENT DOC.NO. 2003-R0026778
WB29
END NOISE WALL
℄ FM 1385
STA 247+13.45
60.50' LT
220+00
225+00
230+00
235+00
240+00
245+00
EXISTING 2-24" RCP (TO BE REMOVED)
BEGIN SAWCUT
STA 10+97.23
48.67' RT
END/BEGIN SAWCUT
STA 10+97.23
15.00' RT
-0.35%
+80.00
+0.35%
+80.00
-2.00%
+15.00
-2.00%
+15.00
R 30' (TYP)
PARVIN RD
PROP ROW
EXIST ROW
BEGIN SAWCUT
STA 10+97.23
48.67' LT
END SAWCUT
STA 10+97.23
39.00' LT
BEGIN PAVEMENT TRANSITION
STA 12+67.78
39.00' LT
END PAVEMENT TRANSITION
STA 14+29.79
11.22' LT
END SAWCUT
STA 14+29.74
19.02' RT
END OF CONSTRUCTION
MATCH PARVIN RD EXISTING PAVEMENT
STA 14+29.77
EB58
7.5' U.E.
R 50' (TYP)
TUDOR PLACE
U.E. 2017-109681
EB59
END NOISE WALL
℄ FM 1385
STA 233+79.89
60.50' LT
33X OPEN SPACE & DRAINAGE EASEMENT
34X OPEN SPACE & DRAINAGE EASEMENT
EXISTING 18" RCP (TO BE REMOVED)
EB60
EXISTING 18" RCP (TO BE REMOVED)
EB61
EB61
EB61
EXISTING 18" CMP (TO BE REMOVED)
EB62

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.

MATCHLINE STA - 247+00
CSJ NO. 1315-01-030


℄ FRONTIER PARKWAY
℄ PARVIN RD
℄ WINN RIDGE BLVD
PROPOSED GRADE AT PGL
EXISTING GROUND AT PGL
STA = 239+80.00
EL = 611.64
ex = -0.50'
K = 100
L = 200.00
+0.35 %
-1.64 %
VPC 238+80.00
EL=611.29
VPT 240+80.00
EL=610.00
PROPOSED GRADE AT PGL
EXISTING GROUND AT PGL
603.83 604.2
604.01 604.4
604.18 604.6
604.36 604.8
604.53 605.0
604.71 605.1
604.88 605.2
605.06 605.3
605.23 605.4
605.41 605.5
605.58 605.7
605.76 605.8
605.93 605.8
606.11 605.9
606.28 606.0
606.46 606.1
606.63 606.2
606.81 606.2
606.98 606.4
607.16 606.6
607.33 606.8
607.51 607.0
607.68 607.1
607.86 607.2
608.03 607.4
608.21 607.6
608.38 607.9
608.56 608.2
608.73 608.4
608.91 608.7
609.08 608.9
609.26 609.2
609.43 609.5
609.61 609.7
609.78 610.1
609.96 610.6
610.13 611.0
610.31 611.4
610.48 611.6
610.66 612.0
610.83 612.1
611.01 612.2
611.18 612.1
611.34 611.9
611.29 611.7
610.99 611.3
610.44 610.7
609.67 610.1
608.85 609.5
608.03 608.9
607.20 608.3
606.38 607.6
605.56 606.9
604.74 606.0
603.92 605.1
603.10 604.2
602.28 603.4
601.46 602.6
600.64 601.8
599.81 600.9
218+00
219+00
220+00
221+00
222+00
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246+00
247+00

MATCHLINE STA - 247+00
CSJ NO. 1315-01-030

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

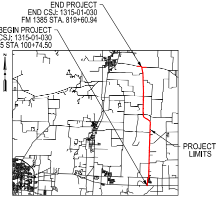
45 MPH = FM 455
30 MPH = FISHTRAP RD
45 MPH = GEE RD
30 MPH = PARVIN RD
45 MPH = FM 428 EAST
*30 MPH = ALL CONNECTIONS TO EXIST CROSS ST

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
04/28/2022

DATE REVISED
05/01/2023

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 2 OF 9

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

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630
620
610
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590
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570