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:

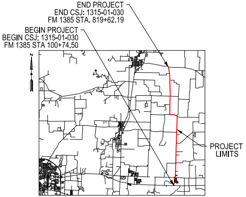
45 MPH = FM 1385

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 CONNCETIONS 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+62.19


END PROJECT
END CSJ: 1315-01-030
FM 1385 STA. 819+62.19
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)

TIMOTHY M. NESBITT, P.E.
(TX PE NO. 66648)

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

PRELIMINARY
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION. Prepared by or under the Direct Supervision of TIMOTHY M. NESBITT, P.E. 66648 12/10/2021

ROLL 9 OF 9

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

CIVIL ASSOCIATES, INC.
CAI
9330 LBJ Frwy, Ste. 1150
Dallas, Texas 75243
TBPE Firm Registration No. 6981

© 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

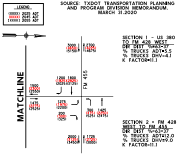
— — T1 — —	TELEPHONE ATT
----T1 (D)-------T1 (D)----	TELEPHONE ATT
— — T2 — —	TELEPHONE FRONTIER (VERIZON)
----T2 (D)-------T2 (D)----	TELEPHONE FRONTIER (VERIZON)
------ T-DUCT1 (D) -------	T-DUCT ATT
— — FOC1 — —	FIBER OPTIC ATT
--FOC1 (D)-------FOC1 (D)--	FIBER OPTIC ATT
— — FOC3 — —	FIBER OPTIC NORTEX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

PRELIMINARY
NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES

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

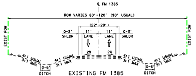

LEGEND
(XXXX) 2025 ADT
[XXXX] 2045 ADT
[XXXX] 2055 ADT
MATCHLINE
FM 455
3000 (4650) (5150)
2700 (4225) (4675)
1200 (1825) (2025)
1800 (2825) (3125)
1500 (2300) (2550)
1475 (2275) (2525)
1275 (1975) (2200)
200 (300) (325)
300 (475) (525)
1425 (2250) (2475)
2000 (3125) (3450)
1725 (2725) (3000)

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

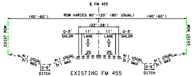
SECTION 2 - FM 428 WEST TO FM 455
DIR DIST %=63-37
% TRUCKS ADT=12.0
% TRUCKS DHV=9.0
K FACTOR=11.1

TRAFFIC DIAGRAM - FM 1385

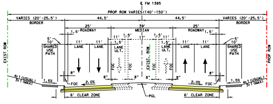
N.T.S.


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

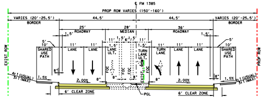
EXISTING FM 1385
TYPICAL SECTION
STA. 791+00.00 TO 819+60.94


℄ FM 455
(40'-60')
ROW VARIES 80'-120' (80' USUAL)
EXIST ROW
(22'-28')
0-3' SHLDR
11' LANE
11' LANE
2%
4:1 USUAL 3:1 MAX
0-6' DITCH

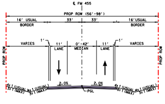
EXISTING FM 455
TYPICAL SECTION
STA. 100+00.00 TO 130+00.00


℄ FM 1385
PROP ROW VARIES (140'-150')
VARIES (20'-25.5') BORDER
44.5'
39' MEDIAN
25' ROADWAY
10' SHARED USE PATH
11' LANE
LANE ULT.
EXIST ROW
PROP ROW
FOC
PGL
6' CLEAR ZONE
1.5%
2.0%
4:1 (USUAL) 3:1 (MAX)

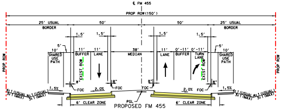
PROPOSED FM 1385
TYPICAL SECTION
STA 791+00.00 TO 813+97.41


℄ FM 1385
PROP ROW VARIES (150'-160')
VARIES (20'-25.5') BORDER
44.5'
28' MEDIAN
36' ROADWAY
25' ROADWAY
10' SHARED USE PATH
11' LANE
TURN LANE
LANE ULT.
EXIST ROW
PROP ROW
FOC
PGL
6' CLEAR ZONE
1.5%
2.00%
4:1 (USUAL) 3:1 (MAX)

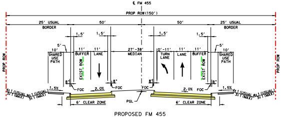
PROPOSED FM 1385
TYPICAL SECTION
STA 813+97.41 TO 819+62.19


℄ FM 455
PROP ROW (56'-98')
16' USUAL BORDER
33'
VARIES
11' LANE
0'-42' MEDIAN
PROP ROW
2.0%
PGL
4:1 (USUAL) 3:1 (MAX)

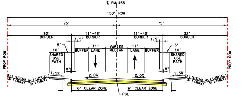
PROPOSED FM 455
TYPICAL SECTION
STA 105+70.89 TO 113+00.00
STA 123+50.00 TO 129+15.00


℄ FM 455
PROP ROW (150')
25' USUAL BORDER
50'
38' MEDIAN
10' SHARED USE PATH
11' BUFFER
11' LANE
0'-11' BUFFER
TURN LANE
EXIST ROW
PROP ROW
FOC
PGL
6' CLEAR ZONE
1.5%
2.0%
4:1 (USUAL) 3:1 (MAX)

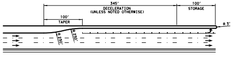
PROPOSED FM 455
TYPICAL SECTION
STA 113+00.00 TO 117+09.85


℄ FM 455
PROP ROW (150')
25' USUAL BORDER
50'
27'-38' MEDIAN
10' SHARED USE PATH
11' BUFFER
11' LANE
0'-11' TURN LANE
EXIST ROW
PROP ROW
FOC
PGL
6' CLEAR ZONE
1.5%
2.0%
4:1 (USUAL) 3:1 (MAX)

PROPOSED FM 455
TYPICAL SECTION
STA 118+94.25 TO 123+50.00

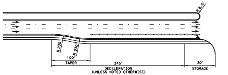

℄ FM 455
150' ROW
75'
32' BORDER
11'-43' BORDER
10' SHARED USE PATH
11' BUFFER
11' LANE
VARIES MEDIAN
PROP ROW
6' CLEAR ZONE
1.5%
2.0%
PGL
4:1 (USUAL) 3:1 (MAX)

PROPOSED FM 455
TYPICAL SECTION
STA 117+09.85 TO 118+94.25


345'
DECELERATION (UNLESS NOTED OTHERWISE)
100' STORAGE
100' TAPER
R 3'
R 250'

TYPICAL LEFT-TURN BAY DETAILS (45 MPH)

N.T.S


R 8.5'
R 250'
100' TAPER
345'
DECELERATION (UNLESS NOTED OTHERWISE)
30' STORAGE

TYPICAL RIGHT-TURN BAY DETAILS (45 MPH)

N.T.S

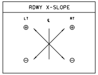
HORIZONTAL CURVE DATA TABLE

CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADUIS	PI STA	PC STA	PT STA
FM1385-112	0° 51' 43.37" (LT)	0° 34' 22.65"	75.23	150.46	10000'	794+22.85	793+47.63	794+98.08
FM1385-113	28° 25' 47.19" (RT)	5° 27' 24.27"	265.98	521.00	1050'	816+64.70	813+98.72	819+19.72
FM455-1	30° 40' 25.00" (RT)	5° 27' 24.27"	287.97'	562.12'	1050'	108+58.86	105+70.89	111+33.01
FM455-2	30° 15' 16.00" (LT)	5° 27' 24.27"	283.85'	554.44'	1050'	118+30.14	115+46.30	121+00.74

HORIZONTAL ALIGNMENT DATA

CHAIN NO.	POT STA	POT-NORTHING	POT-EASTING	BEARING	POT STA	POT-NORTHING	POT-EASTING
FM1385	--	--	--	--	819+62.19	7,192,835.98	2,456,095.32
FM 455	98+00.00	7,193,331.60	2,454,210.99	S 88° 54' 40.29" E	--	--	--
FM 455 (PI)	--	--	--	S 88° 31' 31.26" E	132+46.01	7,192,757.25	2,457,536.19
FM 455	--	--	--	S 88° 41' 07.38" E	137+00.00	7,192,746.84	2,457,990.06

RDWY X-SLOPE

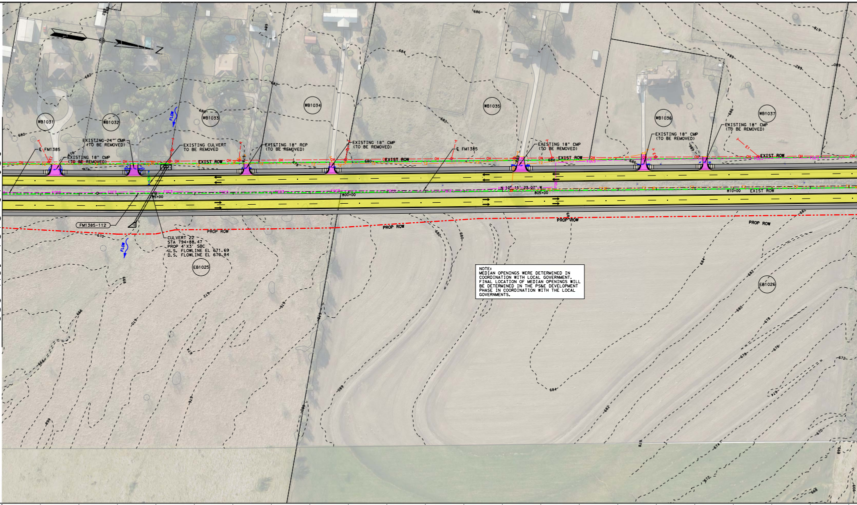


CROSS SLOPE TRANSITIONS

CHAIN ID.	LEFT		RIGHT		TRANSITION LENGTH
	STA	e	STA	e	
FM 1385	816+00.00	-2.00%	---	---	250'
	818+50.00	2.00%	---	---	
FM 455	116+25.00	-2.00%	116+25.00	-2.00%	100'
	117+25.00	-1.00%	117+25.00	-1.00%	
	118+80.00	-1.00%	118+80.00	-1.00%	100'
	119+80.00	-2.00%	119+80.00	-2.00%	

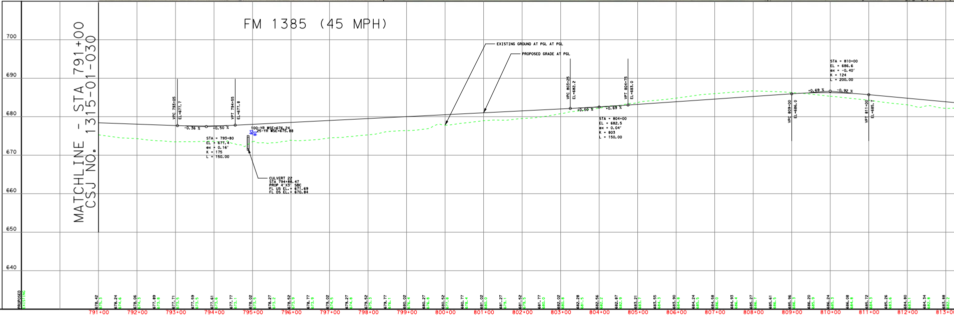
PROP ID	PROPERTY OWNERS' NAME
EB1025	L1719 LLC
EB1026	MCCUTCHIN, GENE P
EB1027	KIRK, SENNETT, III, TRS, CLAYTON D SKILES TRUST & CLAIRE
EB1038	PARAMM ESTATES LLC
WB1031	MCCAIN, PAUL & PAULA
WB1032	HALSELL, FURD III & JAMIE C
WB1033	DURAN, JOSEPH M & PAMELA K
WB1034	CONFIDENTIAL OWNER
WB1035	GOLDEN RIDGE LLC
WB1036	MARQUEZ, JOHNNY
WB1037	PATTERSON, WESLEY JOHN
WB1038	COULTER, DONALD & PHYLLIS

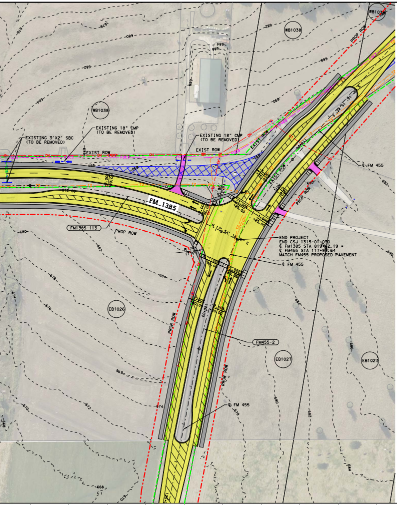
MATCHLINE - STA 791+00
CSJ NO. 1315-01-030

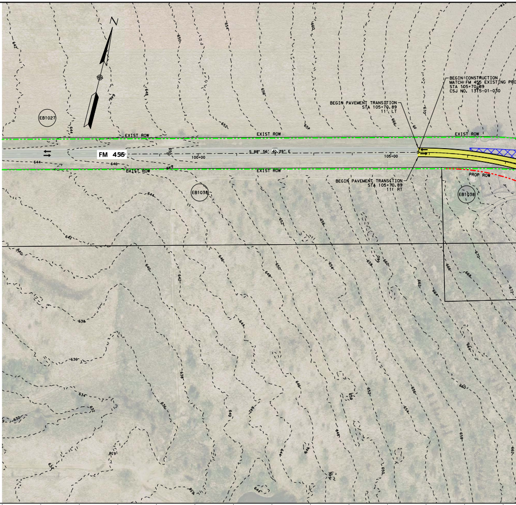

N
WB1031
WB1032
WB1033
WB1034
WB1035
WB1036
WB1037
EB1025
EB1026
FLOW
FLOW
℄ FM1385
℄ FM1385
EXISTING 18" CMP (TO BE REMOVED)
EXISTING-24" CMP (TO BE REMOVED)
EXISTING CULVERT TO BE REMOVED
EXISTING 18" RCP (TO BE REMOVED)
EXISTING 18" CMP (TO BE REMOVED)
EXISTING 18" CMP (TO BE REMOVED)
EXISTING 18" CMP (TO BE REMOVED)
EXISTING 18" CMP (TO BE REMOVED)
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
PROP ROW
PROP ROW
PROP ROW
PROP ROW
OH
T2
FOC3
795+00
800+00
805+00
810+00
N 10° 15' 23.07" W
FM1385-112
CULVERT 22
STA 794+88.47
PROP 4'X3' SBC
U.S. FLOWLINE EL 671.69
D.S. FLOWLINE EL 670.84
E1
E2
680
682
684
686
678
676
674
672
670
668
666

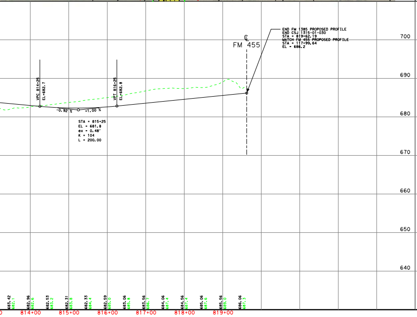
NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.

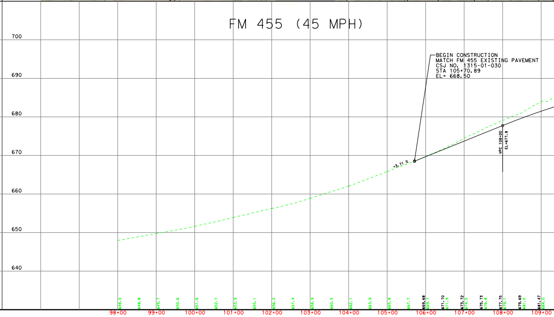
FM 1385 (45 MPH)

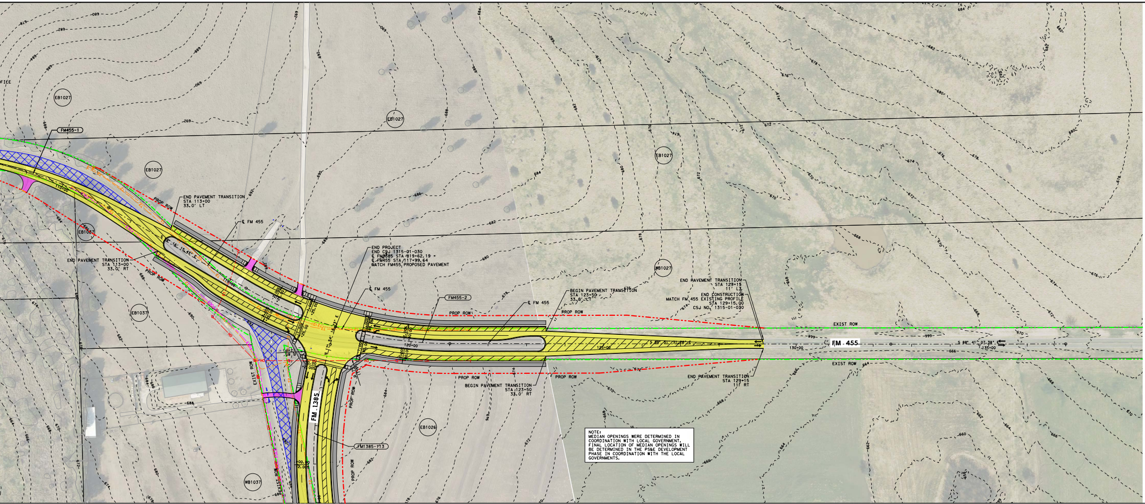



WB1038
WB1038
EB1026
EB1027
EB1027
EXISTING 3'X2' SBC
(TO BE REMOVED)
EXISTING 18" CMP
(TO BE REMOVED)
EXISTING 18" CMP
(TO BE REMOVED)
EXIST ROW
EXIST ROW
EXIST ROW
PROP ROW
PROP ROW
PROP ROW
PROP ROW
FM 1385
FM1385-113
FM455-2
℄ FM 455
℄ FM 455
℄ FM 455
N 17° 54' 16.76" E
R 75
(TYP)
END PROJECT
END CSJ 1315-01-030
℄ FM1385 STA 819+62.19 =
℄ FM455 STA 117+99.64
MATCH FM455 PROPOSED PAVEMENT

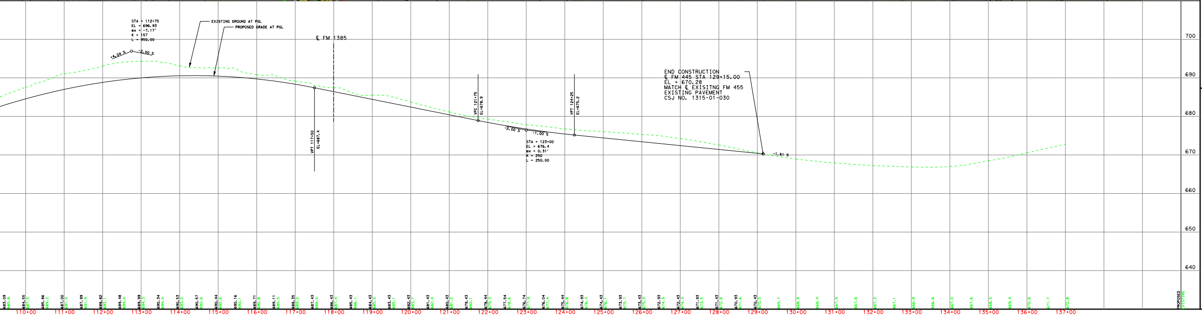

N
EB1027
EB1038
EB1038
FM 455
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
PROP ROW
S 98° 56' 40.39" E
100+00
105+00
BEGIN PAVEMENT TRANSITION
STA 105+70.89
11' LT
BEGIN PAVEMENT TRANSITION
STA 105+70.89
11' RT
BEGIN CONSTRUCTION
MATCH FM 455 EXISTING PRO
STA 105+70.89
CSJ NO. 1315-01-030






FM455-1
EB1027
WB1027
EB1037
WB1037
EB1026
END PAVEMENT TRANSITION
STA 113+00
33.0' LT
END PAVEMENT TRANSITION
STA 113+00
33.0' RT
PROP ROW
EXIST ROW
℄ FM 455
END PROJECT
END CSJ 1315-01-030
℄ FM 1385 STA 819+62.19 =
℄ FM455 STA 117+99.64
MATCH FM455 PROPOSED PAVEMENT
FM455-2
FM1385-113
FM 1385
FM 455
120+00
125+00
130+00
BEGIN PAVEMENT TRANSITION
STA 123+50
33.0' LT
BEGIN PAVEMENT TRANSITION
STA 123+50
33.0' RT
END PAVEMENT TRANSITION
STA 129+15
11' LT
END CONSTRUCTION
MATCH FM 455 EXISTING PROFILE
STA 129+15.00
CSJ NO. 1315-01-030
END PAVEMENT TRANSITION
STA 129+15
11' RT

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.



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:

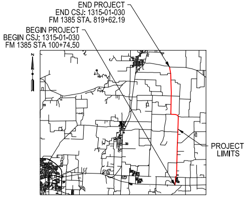
45 MPH = FM 1385

45 MPH = FM 455
30 MPH = FISHTRAP RD
45 MPH = GEE RD
30 MPH = PARVIN RD
45 MPH = FM 428 EAST
*30 MPH = ALL CONNCETIONS 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+62.19


END PROJECT
END CSJ: 1315-01-030
FM 1385 STA. 819+62.19
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)

TIMOTHY M. NESBITT, P.E.
(TX PE NO. 66648)

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

PRELIMINARY
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION. Prepared by or under the Direct Supervision of TIMOTHY M. NESBITT, P.E. 66648
12/10/2021

ROLL 9 OF 9

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

CIVIL ASSOCIATES, INC.
CAI
9330 LBJ Frwy, Ste. 1150
Dallas, Texas 75243
TBPE Firm Registration No. 6981

© 2021 by Texas Department of Transportation, All Rights Reserved