TEXAS DEPARTMENT OF TRANSPORTATION®

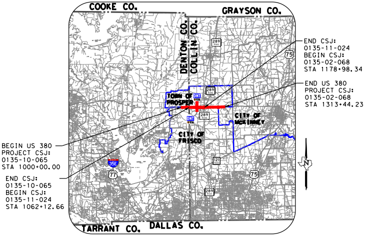
DALLAS DISTRICT
MOHAMED K. (MO) BUR, P.E., DISTRICT ENGINEER

US 380
DESIGN SCHEMATIC
COLLIN AND DENTON COUNTY, TEXAS

CSJ: 0135-10-065 TEEL PRWY/CHAMPIONSHIP DR TO DENTON/COLLIN COUNTY LINE
CSJ: 0135-11-024 DENTON/COLLIN COUNTY LINE TO EAST OF SH 289
CSJ: 0135-02-068 EAST OF SH 289 TO WEST OF LAKEWOOD DR
LENGTH: 5.9 MILES

DATE: MAY 2022
ROLL 11OF 24

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
US 380	70 MPH	URBAN FREEWAY
DALLAS NORTH TOLLWAY	70 MPH	URBAN FREEWAY
SH 289 (PRESTON RD)	55 MPH	MAJOR THOROUGHFARE
CROSS STREETS	40 MPH	LOCAL STREETS
FRONTAGE ROADS	45 MPH	URBAN ARTERIAL
RAMPS	50 MPH	URBAN FREEWAY
DIRECT CONNECTORS	45 MPH	URBAN FREEWAY
DIRECT CONNECTOR DCES	40 MPH	URBAN FREEWAY


COOKE CO.
GRAYSON CO.
DENTON CO.
COLLIN CO.
TOWN OF PROSPER
CITY OF MCKINNEY
CITY OF FRISCO
TARRANT CO.
DALLAS CO.
289
75
DNT
121
35E
77
N

END CSJ:
0135-11-024
BEGIN CSJ:
0135-02-068
STA 1178+98.34

END US 380
PROJECT CSJ:
0135-02-068
STA 1313+44.23

BEGIN US 380
PROJECT CSJ:
0135-10-065
STA 1000+00.00

END CSJ:
0135-10-065
BEGIN CSJ:
0135-11-024
STA 1062+12.66

LOCATION MAP
N.T.S.

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ROLL 4: PLAN & PROFILE VIEW US 380 STA 1104+00 TO STA 1151+00
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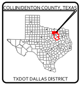
ROLL 23: PROFILE VIEW-U-TURNS
ROLL 24: PROFILE VIEW-DNT FRONTAGE ROADS

0 100 200
HORIZONTAL
0 10 20
VERTICAL
GRAPHIC SCALES IN FEET

COLLIN/DENTON COUNTY, TEXAS



TXDOT DALLAS DISTRICT
TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
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PREPARED BY JACOBS ENGINEERING GROUP, INC.
REGISTRATION F-2966
UNDER THE SUPERVISION OF
JESUS GONZALEZ JR., P.E.

LICENSE NO. 111427 DATE

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Phone 214.638.0145
Firm Registration F-2966

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LEGEND:

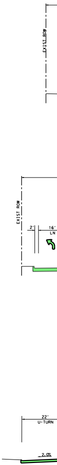
▬	EXISTING ROADWAY TO REMAIN
▬	EXISTING BRIDGE TO REMAIN
▬	PROPOSED BRIDGE
▬	PROPOSED MAIN LANES
▬	PROPOSED RAMP
▬	PROPOSED FRONTAGE ROAD
▬	DRIVEWAY
▬	DIRECT CONNECTOR
▬	COLLECTOR DISTRIBUTOR
▬	PROJECT BY OTHERS
▬	PROPOSED CROSS STREET
▬	PROPOSED SIDEWALK
▨	POTENTIAL DISPLACEMENTS
▩	PAVEMENT / BRIDGE TO BE REMOVED
▨	EXISTING 100 YR FLOODPLAIN LIMITS
▨	EXISTING FLOODWAY
▒	PROPOSED CONC RIPRAP
—— - -	EXISTING ROW
ǀǀǀ	EXISTING ACCESS DENIAL
- - - -	EXISTING EASEMENT
——	EXISTING PROPERTY LIMITS
═	EXISTING STORM SEWER
—·—	EXISTING PLANIMETRIC FEATURES
- - - -	EXISTING TOPOGRAPHIC CONTOURS (5-FT INTERVALS)
— - —	EXISTING DRAINAGE EASEMENT
— - —	UTILITY EASEMENT
— - —	PROPOSED CENTERLINE/BASELINE
—— - -	PROPOSED ROW
—— - -	PROPOSED ROW (BY OTHERS)
—— ——	PROPOSED DRAINAGE EASEMENT
ǀǀǀ	PROPOSED ACCESS DENIAL
——	PROPOSED EDGE OF PAVEMENT
——	PROPOSED TRAFFIC BARRIER
——	PROPOSED BRIDGE ABUTMENT
═	PROPOSED BRIDGE BENT
——	PROPOSED RETAINING WALL
——	PROPOSED PRELIMINARY NOISE WALL
═	PROPOSED CULVERT
- - - -	CITY LIMITS
→	DIRECTION OF TRAVEL
▲	PERPENDICULAR CURB RAMP
■	PARALLEL CURB RAMP
▮	DIRECTIONAL CURB RAMP
100	PARCEL ID
→	DIRECTION OF FLOW
🚦	INTERSECTION SIGNAL

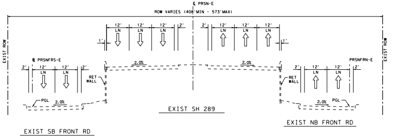
UTILITY LEGEND

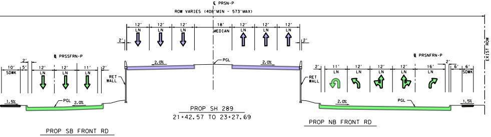
SYMBOL	UTILITY	
—x—x-	ABANDONED UTILITY	
——	PROPOSED UTILITY	
—— —	UNKNOWN UTILITY	
COMMUNICATIONS		
—C1—	AT&T (FO/DUCT)	QL "B"
—C2—	AT&T (TELE)	
—C3—	MCI (FO/DUCT)	
—C4—	CITY OF IRVING (FO/DUCT)	
—C5—	SPECTRUM (FO/DUCT)	
—C6—	ZAYO (FO/DUCT)	
-—Ⓒ1-	AT&T (FO/DUCT)	QL "C"/QL "D"
-—Ⓒ2-	AT&T (TELE)	
-—Ⓒ3-	MCI (FO/DUCT)	
-—Ⓒ4-	CITY OF IRVING (FO/DUCT)	
-—Ⓒ5-	SPECTRUM (FO/DUCT)	
-—Ⓒ6-	ZAYO (FO/DUCT)	
ELECTRIC / POWER		
—E1—	COSERV	QL "B"
—E2—	ONCOR	
—E3—	PRIVATE	
—E4—	CITY OF FRISCO	
—E5—	TOWN OF PROSPER	
—E6—	TXDOT	
—Ⓔ1—	COSERV	QL "C"/QL "D"
—Ⓔ2—	ONCOR	
—Ⓔ3—	PRIVATE	
—Ⓔ4—	CITY OF FRISCO	
—Ⓔ5—	TOWN OF PROSPER	
—Ⓔ6—	TXDOT	
ELECTRIC / POWER		
—G1—	ATMOS	QL "B"
—G2—	COSERV	
—Ⓖ1—	ATMOS	QL "C"/QL "D"
—Ⓖ2—	COSERV	
SANITARY SEWER		
—WW1—	CITY OF FRISCO	QL "B"
—WW2—	TOWN OF PROSPER	
—WW3—	CITY OF MCKINNEY	
—(WW1)—	CITY OF FRISCO	QL "C"/QL "D"
—(WW2)—	TOWN OF PROSPER	
—(WW3)—	CITY OF MCKINNEY	
STORM DRAIN		
—SD1—	TXDOT	QL "B"
—SD2—	NTTA	
—SD3—	CITY OF FRISCO	
—SD4—	PRIVATE	
—(SD1)—	TXDOT	QL "C"/QL "D"
—(SD2)—	NTTA	
—(SD3)—	CITY OF FRISCO	
—(SD4)—	PRIVATE	
POTABLE WATER		
—W1—	CITY OF IRVING	QL "B"
—W2—	TOWN OF PROSPER	
—W3—	CITY OF FRISCO	
—W4—	CITY OF MCKINNEY	
—Ⓦ1—	CITY OF IRVING	QL "C"/QL "D"
—Ⓦ2—	TOWN OF PROSPER	
—Ⓦ3—	CITY OF FRISCO	
—Ⓦ4—	CITY OF MCKINNEY	
TRAFFIC SIGNALS		
—TS1—	CITY OF FRISCO	QL "B"
—TS2—	TXDOT	
—(TS1)—	CITY OF FRISCO	QL "C"/QL "D"
—(TS2)—	TXDOT	
OVERHEAD UTILITY		
—OH—	CITY OF FRISCO	QL "C"/QL "D"

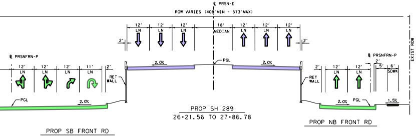
NOTES:

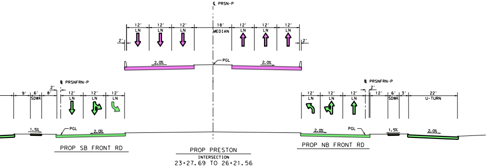
1. EXISTING FEATURES WERE NOT FIELD SURVEYED, SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 21, 2020 AND RECORD PLANS.
2. APPROXIMATE 100 YEAR FLOODPLAIN INSURANCE RATE MAO BASED UPON FEMA FLOOD INSURANCE RATE MAP PANELS 48085C0230J AND 48085C0235J.
3. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC WERE OBTAINED FROM DENTON AND COLLIN COUNTY APPRAISAL DISTRICT (JANUARY 13, 2022).
4. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATION PURPOSE ONLY.
5. CURBS ON THE FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
6. CONVENTIONAL ROADWAY SIGNAGES (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
7. SIDEWALK INTERSECTION ADA RAMP LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PS&E PHASE OF THE PROJECT.
8. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
9. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OF NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
10. ACCESS DENIAL BASED ON ℄ 380ML STATIONING.

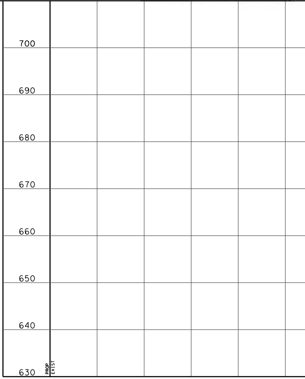

EXIST ROW
EXIST ROW
2'
16'
LN
22'
U-TURN
2.0%

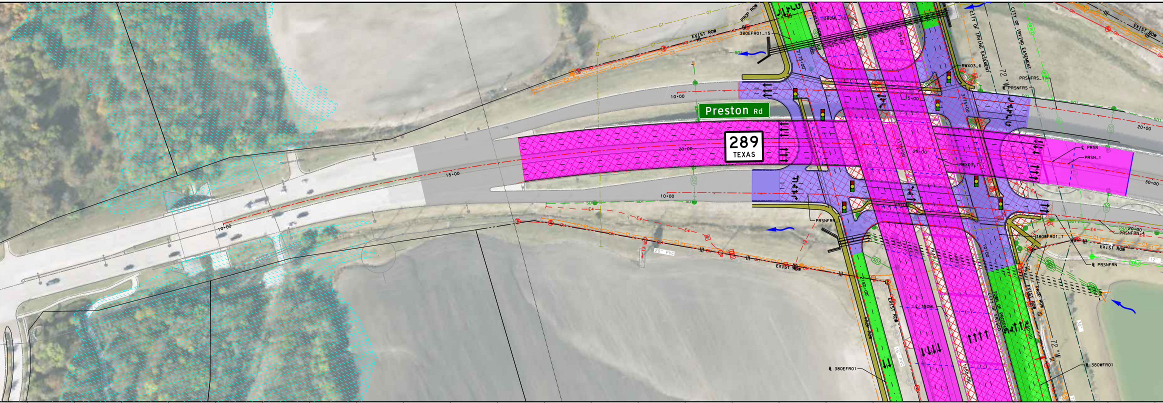

℄ PRSN-E
ROW VARIES (408'MIN - 573'MAX)
EXIST ROW
12' LN
12' LN
12' LN
2'
1'
℄ PRSNFRS-E
PRSNFRN-E
2.0%
RET WALL
PGL
EXIST SH 289
EXIST SB FRONT RD
EXIST NB FRONT RD

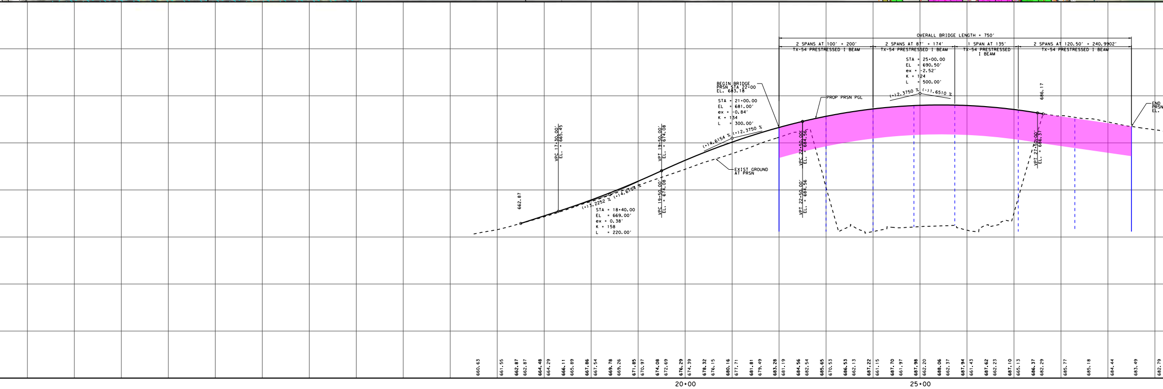

℄ PRSN-P
ROW VARIES (408'MIN - 573'MAX)
12' LN
18' MEDIAN
2'
℄ PRSSFRN-P
℄ PRSNFRN-P
10' SDWK
5'
11' LN
16' LN
6'
6' SDWK
RET WALL
PGL
2.0%
1.5%
EXIST ROW
PROP SH 289
21+42.57 TO 23+27.69
PROP SB FRONT RD
PROP NB FRONT RD

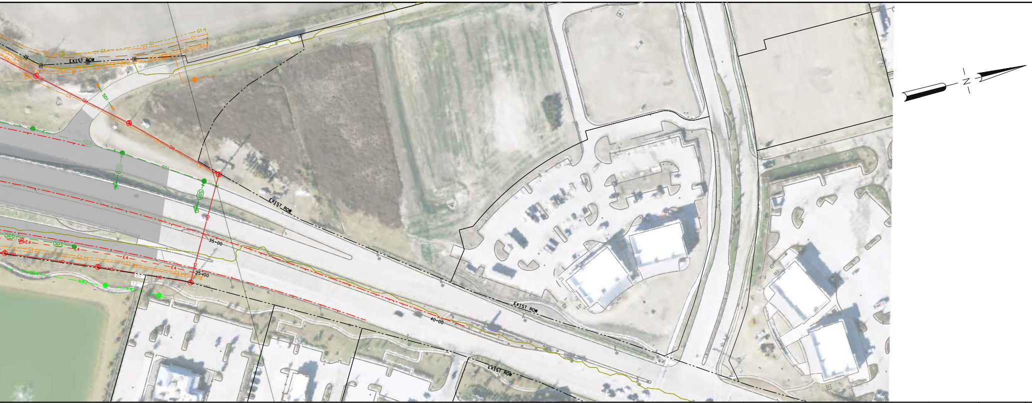

℄ PRSN-E
ROW VARIES (408'MIN - 573'MAX)
12' LN
18' MEDIAN
11' LN
2'
℄ PRSNFRN-P
5'
6' SDWK
RET WALL
PGL
2.0%
1.5%
EXIST ROW
PROP SH 289
26+21.56 TO 27+86.78
PROP SB FRONT RD
PROP NB FRONT RD

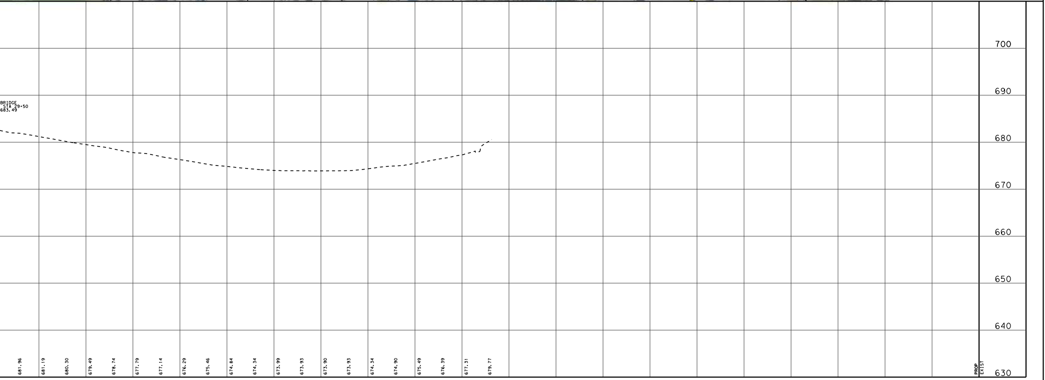

℄ PRSN-P
12' LN
18' MEDIAN
2'
PGL
2.0%
℄ PRSNFRN-P
9'
6' SDWK
8'
3'
22' U-TURN
1.5%
PROP SB FRONT RD
PROP NB FRONT RD
PROP PRESTON
INTERSECTION
23+27.69 TO 26+21.56




Preston Rd
289
TEXAS
10+00
15+00
20+00
25+00
30+00
35+00
EXIST ROW
PROP ROW
380EFR01_15
380EFR01_7
380EFR01
380WFR01
380ML_10
380ML
PRSN
PRSN_1
PRSNFRS
PRSNFRS_1
PRSNFRN
PRSNFRN_4
RWX03_6
RWX03_7
CITY OF IRVING EASEMENT
TOWN OF PROSPER
CITY OF FRISCO
20" PVC
16" PVC
72" W


OVERALL BRIDGE LENGTH = 750'
2 SPANS AT 100' = 200'
TX-54 PRESTRESSED I BEAM
2 SPANS AT 87' = 174'
TX-54 PRESTRESSED I BEAM
1 SPAN AT 135'
TX-54 PRESTRESSED I BEAM
2 SPANS AT 120.50' = 240.9902'
TX-54 PRESTRESSED I BEAM
STA = 25+00.00
EL = 690.50'
ex = -2.52'
K = 124
L = 500.00'
(+)2.3750 %
(-)1.6510 %
BEGIN BRIDGE
PRSN STA 22+00
EL. 683.18
STA = 21+00.00
EL = 681.00'
ex = -0.84'
K = 134
L = 300.00'
(+)4.6154 %
(+)2.3750 %
PROP PRSN PGL
EXIST GROUND AT PRSN
686.17
END
PRSN
EL.
VPC 22+50.00'
EL. = 684.56
VPT 27+50.00'
EL. = 686.37
VPC 17+30.00'
EL. = 665.45
VPT 19+50.00'
EL. = 674.08
662.87
(+)3.2252 %
(+)4.6154 %
STA = 18+40.00
EL = 669.00'
ex = 0.38'
K = 158
L = 220.00'
660.63
661.55
662.87
662.87
664.48
664.29
666.11
665.89
667.86
667.54
669.78
669.26
671.85
670.97
674.08
672.69
676.29
674.39
678.32
676.15
680.16
677.71
681.81
679.49
683.28
681.19
684.56
682.54
685.65
670.53
686.53
662.13
687.22
661.15
687.70
661.97
687.98
662.20
688.06
662.37
687.94
661.43
687.62
662.23
687.10
665.13
686.37
682.29
685.77
685.18
684.44
683.49
682.79
20+00
25+00


EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
25+00
35+00
40+00
N
SD1
OH
C1
G1
E4
HO
WW2



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MOHAMED K. (MO) BUR, P.E., DISTRICT ENGINEER

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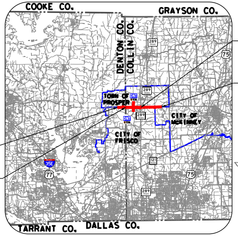
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CITY OF FRISCO
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DALLAS CO.
N

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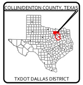
0 100 200
HORIZONTAL
0 10 20
VERTICAL
GRAPHIC SCALES IN FEET


COLLIN/DENTON COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
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LICENSE NO. 111427 DATE

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Phone 214.638.0145
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