TEXAS DEPARTMENT OF TRANSPORTATION®

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

US 380
DESIGN SCHEMATIC

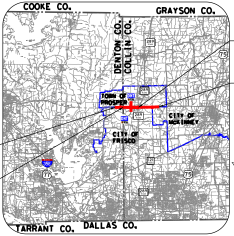
COLLIN AND DENTON COUNTY, TEXAS

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 5 OF 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
DNT
CITY OF MCKINNEY
CITY OF FRISCO
289
75
121
35E
77
TARRANT CO.
DALLAS CO.
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

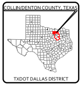
BEGIN US 380
PROJECT CSJ:
0135-10-065
STA 1000+00.00

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

LOCATION MAP
N.T.S.

INDEX OF SHEETS

ROLL 1: PLAN & PROFILE VIEW US 380 BEGIN PROJECT TO STA 1010+00
ROLL 2: PLAN & PROFILE VIEW US 380 STA 1010+00 TO STA 1057+00
ROLL 3: PLAN & PROFILE VIEW US 380 STA 1057+00 TO STA 1104+00
ROLL 4: PLAN & PROFILE VIEW US 380 STA 1104+00 TO STA 1151+00
ROLL 5: PLAN & PROFILE VIEW US 380 STA 1151+00 TO STA 1198+00
ROLL 6: PLAN & PROFILE VIEW US 380 STA 1198+00 TO STA 1245+00
ROLL 7: PLAN & PROFILE VIEW US 380 STA 1245+00 TO STA 1292+00
ROLL 8: PLAN & PROFILE VIEW US 380 STA 1292+00 TO END PROJECT
ROLL 9: PLAN VIEW DNT BEGIN PROJECT TO STA 1687+00
ROLL 10: PLAN VIEW DNT STA 1687+00 TO END PROJECT
ROLL 11: PLAN & PROFILE VIEW 289 BEGIN PROJECT TO END PROJECT
ROLL 12: PROFILE VIEW-US 380 EBFR BEGIN PROJECT TO STA 2196+00
ROLL 13: PROFILE VIEW-US 380 EBFR STA 2196+00 TO END PROJECT
ROLL 14: PROFILE VIEW-US 380 WBFR BEGIN PROJECT TO STA 3196+00
ROLL 15: PROFILE VIEW-US 380 WBFR STA 3196+00 TO END PROJECT
ROLL 16: PROFILE VIEW-DIRECT CONNECTORS
ROLL 17: PROFILE VIEW-DIRECT CONNECTORS
ROLL 18: PROFILE VIEW-DIRECT CONNECTORS
ROLL 19: PROFILE VIEW-DIRECT CONNECTORS
ROLL 20: PROFILE VIEW-RAMPS
ROLL 21: PROFILE VIEW-RAMPS
ROLL 22: PROFILE VIEW-CROSS STREETS
ROLL 23: PROFILE VIEW-U-TURNS
ROLL 24: PROFILE VIEW-DNT FRONTAGE ROADS

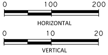

COLLIN/DENTON COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
FOR INTERIM REVIEW ONLY
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES.

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

LICENSE NO. 111427 DATE


0
100
200
HORIZONTAL
0
10
20
VERTICAL

GRAPHIC SCALES IN FEET

Jacobs
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Firm Registration F-2966

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LEGEND:

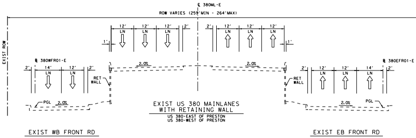
⬜	EXISTING ROADWAY TO REMAIN
⬛	EXISTING BRIDGE TO REMAIN
🟪	PROPOSED BRIDGE
🟨	PROPOSED MAIN LANES
🟦	PROPOSED RAMP
🟩	PROPOSED FRONTAGE ROAD
🟪	DRIVEWAY
🟦	DIRECT CONNECTOR
🟥	COLLECTOR DISTRIBUTOR
🟧	PROJECT BY OTHERS
🟪	PROPOSED CROSS STREET
🟫	PROPOSED SIDEWALK
▨	POTENTIAL DISPLACEMENTS
▩	PAVEMENT / BRIDGE TO BE REMOVED
▨	EXISTING 100 YR FLOODPLAIN LIMITS
▧	EXISTING FLOODWAY
▦	PROPOSED CONC RIPRAP
—— - -	EXISTING ROW
|||	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
|||	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

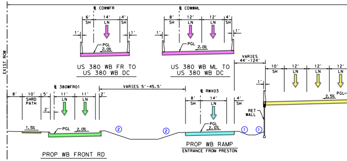
SYMBOL	UTILITY	
—x—x-	ABANDONED UTILITY	
——	PROPOSED UTILITY	
—— —	UNKNOWN UTILITY	
COMMUNICATIONS		
—C1—	AT&T (FO/DUCT)	QL "B"
—C2—	AT&T (TELE)	
—C3—	MCI (FO/DUCT)	
—C4—	CITY OF IRVING (FO/DUCT)	
—C5—	SPECTRUM (FO/DUCT)	
—C6—	ZAYO (FO/DUCT)	
-—(C1)-	AT&T (FO/DUCT)	QL "C"/QL "D"
-—(C2)-	AT&T (TELE)	
-—(C3)-	MCI (FO/DUCT)	
-—(C4)-	CITY OF IRVING (FO/DUCT)	
-—(C5)-	SPECTRUM (FO/DUCT)	
-—(C6)-	ZAYO (FO/DUCT)	
ELECTRIC / POWER		
—E1—	COSERV	QL "B"
—E2—	ONCOR	
—E3—	PRIVATE	
—E4—	CITY OF FRISCO	
—E5—	TOWN OF PROSPER	
—E6—	TXDOT	
—(E1)—	COSERV	QL "C"/QL "D"
—(E2)—	ONCOR	
—(E3)—	PRIVATE	
—(E4)—	CITY OF FRISCO	
—(E5)—	TOWN OF PROSPER	
—(E6)—	TXDOT	
ELECTRIC / POWER		
—G1—	ATMOS	QL "B"
—G2—	COSERV	
—(G1)—	ATMOS	QL "C"/QL "D"
—(G2)—	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	
—(W1)—	CITY OF IRVING	QL "C"/QL "D"
—(W2)—	TOWN OF PROSPER	
—(W3)—	CITY OF FRISCO	
—(W4)—	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"

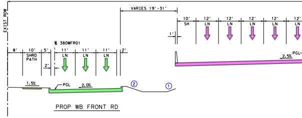
NOTES:

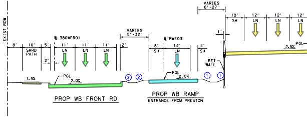
1. EXISTING FEATURES WERE NOT FIELD SURVEYED, SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 21, 2020 AND RECORD PLANS.
2. APPROXIMATE 100 YEAR FLOODPLAIN INSURANCE RATE MAO BASED UPON FEMA FLOOD INSURANCE RATE MAP PANELS 48085C0230J AND 48085C0235J.
3. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC 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.

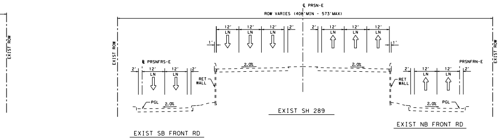

℄ 380ML-E
ROW VARIES (259'MIN - 264'MAX)
EXIST ROW
12' LN
12' LN
12' LN
2'
1'
2.0%
℄ 380WFR01-E
℄ 380EFR01-E
2'
14' LN
12' LN
RET WALL
PGL
2.0%
EXIST US 380 MAINLANES
WITH RETAINING WALL
US 380-EAST OF PRESTON
US 380-WEST OF PRESTON
EXIST WB FRONT RD
EXIST EB FRONT RD

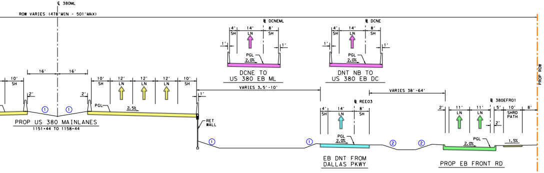
NOTES:
① 6:1 DESIRABLE
4:1 MAX
② 4:1 DESIRABLE
3:1 MAX

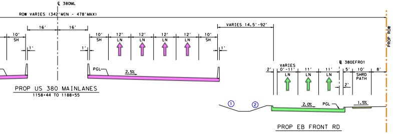

EXIST ROW
℄ CDWWFR
6' SH
14' LN
4' SH
1'
PGL
2.0%
US 380 WB FR TO
US 380 WB DC
℄ CDWWML
8' SH
12' LN
12' LN
4' SH
US 380 WB ML TO
US 380 WB DC
VARIES 44'-124'
10' SH
12' LN
12' LN
12' LN
℄ 380WFR01
8'
10' SHRD PATH
5'
2'
11' LN
11' LN
2'
VARIES 5'-45.5'
℄ RWX03
8' SH
14' LN
4' SH
RET WALL
1.5%
PGL
2.0%
2.5%
②
②
①
①
PROP WB FRONT RD
PROP WB RAMP
ENTRANCE FROM PRESTON

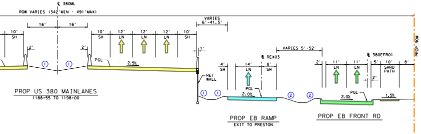

EXIST ROW
VARIES 19'-31'
10' SH
12' LN
12' LN
12' LN
12' LN
1'
℄ 380WFR01
8'
10' SHRD PATH
5'
2'
11' LN
11' LN
11' LN
2'
1.5%
PGL
2.0%
2.5%
PGL
②
①
PROP WB FRONT RD

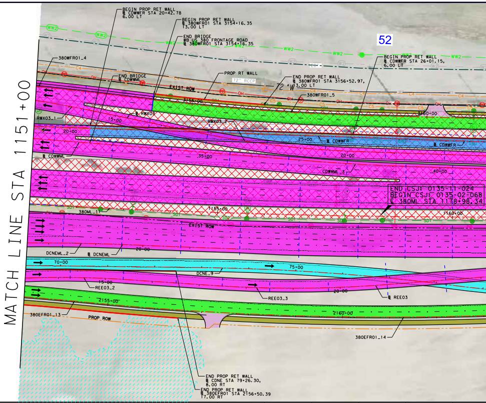

EXIST ROW
VARIES 6'-27'
10' SH
12' LN
12' LN
12' LN
1'
℄ 380WFR01
8'
10' SHRD PATH
5'
2'
11' LN
11' LN
11' LN
2'
VARIES 5'-32'
℄ RWE03
8' SH
14' LN
4' SH
RET WALL
1.5%
PGL
2.0%
2.5%
PGL
②
②
①
①
PROP WB FRONT RD
PROP WB RAMP
ENTRANCE FROM PRESTON

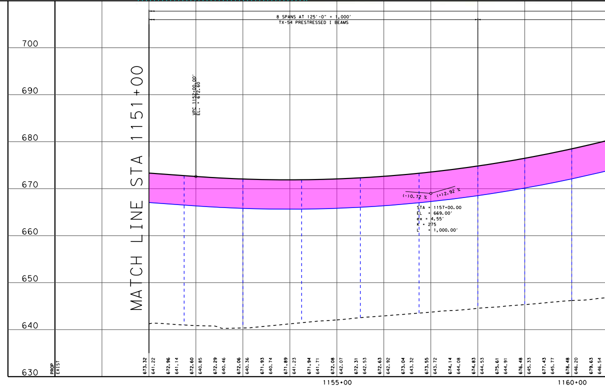

EXIST ROW
℄ PRSN-E
ROW VARIES (408'MIN - 573'MAX)
EXIST ROW
℄ PRSNFRS-E
PRSNFRN-E
EXIST ROW
12' LN
1'
2.0%
RET WALL
PGL
2.0%
EXIST SH 289
EXIST SB FRONT RD
EXIST NB FRONT RD

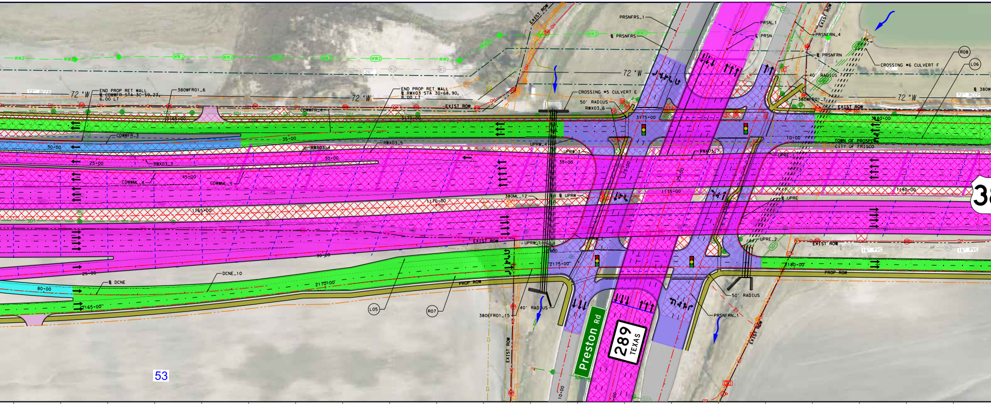

℄ 380ML
ROW VARIES (478'MIN - 501'MAX)
℄ DCNEML
℄ DCNE
4' SH
14' LN
8' SH
PGL
2.0%
DCNE TO US 380 EB ML
DNT NB TO US 380 EB DC
16'
10' SH
12' LN
2'
PGL
2.5%
PROP US 380 MAINLANES
1151+44 TO 1158+44
VARIES 3.5'-10'
VARIES 38'-64'
℄ REE03
℄ 380EFR01
RET WALL
1'
①
②
11' LN
5'
10' SHRD PATH
8'
2.0%
1.5%
EB DNT FROM DALLAS PKWY
PROP EB FRONT RD
PROP ROW

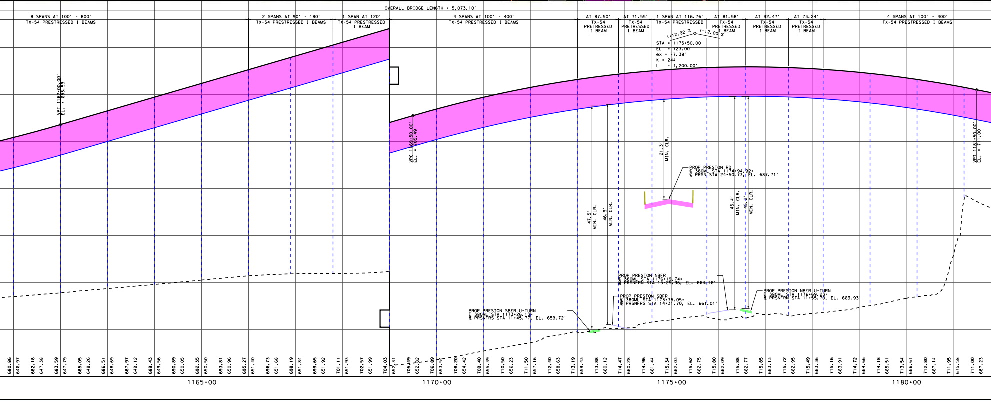

℄ 380ML
ROW VARIES (342'MIN - 478'MAX)
16'
10' SH
12' LN
1'
VARIES 14.5'-92'
PGL
2.5%
PROP US 380 MAINLANES
1158+44 TO 1188+55
VARIES 0'-11'
11' LN
℄ 380EFR01
5'
10' SHRD PATH
8'
2'
①
②
2.0%
1.5%
PROP EB FRONT RD
PROP ROW

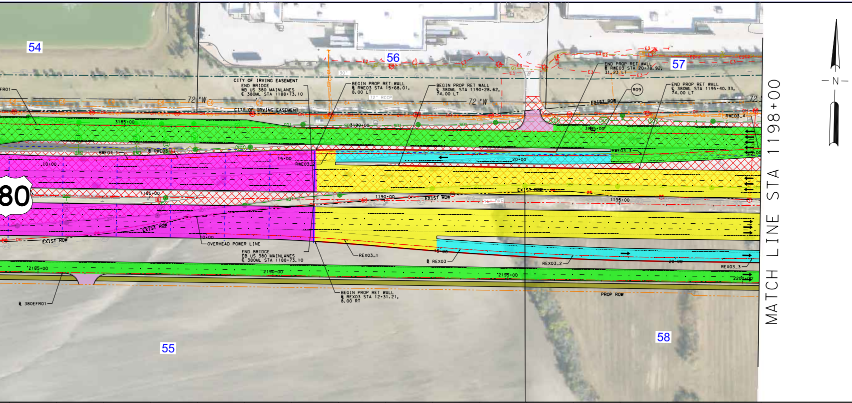

℄ 380ML
ROW VARIES (342'MIN - 491'MAX)
VARIES 6'-41.5'
16'
10' SH
12' LN
2'
1'
PGL
2.5%
RET WALL
PROP US 380 MAINLANES
1188+55 TO 1198+00
VARIES 5'-52'
℄ REX03
4' SH
14' LN
8' SH
℄ 380EFR01
11' LN
5'
10' SHRD PATH
8'
①
②
2.0%
1.5%
PROP EB RAMP
EXIT TO PRESTON
PROP EB FRONT RD
PROP ROW

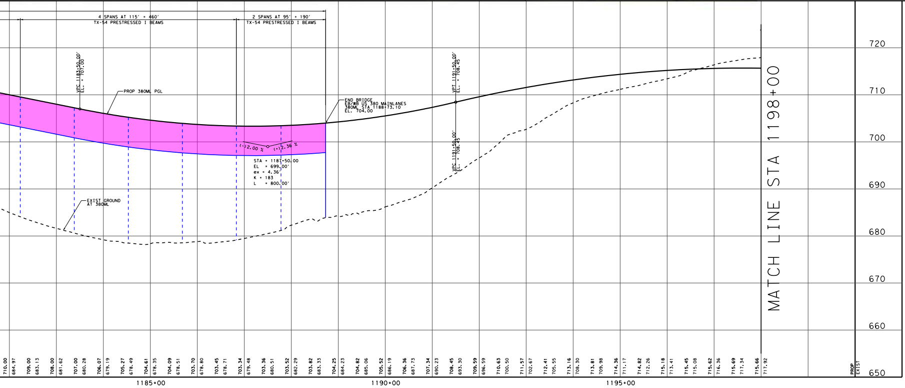

MATCH LINE STA 1151+00
52
BEGIN PROP RET WALL
℄ CDWWFR STA 20+42.78
6.00 LT
BEGIN PROP RET WALL
℄ 380WFR01 STA 3154+16.35
13.00 LT
END BRIDGE
WB US 380 FRONTAGE ROAD
℄ 380WFR01 STA 3154+16.35
BEGIN PROP RET WALL
℄ CDWWFR STA 26+01.15,
6.00 LT
380WFR01_4
END BRIDGE
℄ CDWWML
PROP RT WALL
72" RCCP
EXIST ROW
END PROP RET WALL
℄ 380WFR01 STA 3156+52.97,
13.00 LT
380WFR01_5
3156+00
3160+00
RWX03_1
℄ RWX03
15+00
RWX03_2
20+00
25+00
℄ CDWWFR
℄ CDWWML
35+00
20+00
CDWWML_3
40+00
END CSJ: 0135-11-024
BEGIN CSJ: 0135-02-068
℄ 380ML STA 1178+98.34
380ML_11
1155+00
1160+00
EXIST ROW
DCNEML_2
℄ DCNEML
20+00
70+00
75+00
DCNE_9
15+00
REE03_2
REE03_3
20+00
℄ REE03
2155+00
2160+00
380EFR01_13
PROP ROW
380EFR01_14
END PROP RET WALL
℄ CDNE STA 79+26.30,
8.00 RT
END PROP RET WALL
℄ 380EFR01 STA 2156+50.39
17.00 RT




END PROP RET WALL
℄ CDWWFR STA 30+59.23,
6.00 LT
380WFR01_6
END PROP RET WALL
℄ RWX03 STA 30+68.90,
8.00 LT
72 "W
72" RCCP
20"
EXIST ROW
CDWWFR_4
CDWWFR_3
3165+00
3170+00
3175+00
3180+00
35+00
30+00
25+00
45+00
RWX03_3
RWX03_4
RWX03_5
RWX03_6
RWX03_7
CDWWML_4
CDWWML_5
1165+00
1170+00
1175+00
1180+00
380ML_12
℄ UPRW
UPRW_3
UPRW_4
UPRW_1
UPRE_1
UPRE_2
℄ UPRE
PRSNFRS_1
℄ PRSNFRS
PRSN_1
℄ PRSN
PRSNFRN_4
℄ PRSNFRN
PRSNFRN_1
CROSSING #5 CULVERT E
CROSSING #6 CULVERT F
50' RADIUS
40' RADIUS
380WFR01_7
380EFR01_15
R08
L06
L05
R07
℄ 380W
10+00
TOWN OF PROSPER
CITY OF FRISCO
DCNE_10
℄ DCNE
80+00
2170+00
2175+00
2180+00
2165+00
PROP ROW
16" PVC
Preston Rd
289
TEXAS
38
53


OVERALL BRIDGE LENGTH = 5,073.10'
8 SPANS AT 100' = 800'
TX-54 PRESTRESSED I BEAMS
2 SPANS AT 90' = 180'
TX-54 PRESTRESSED I BEAMS
1 SPAN AT 120'
TX-54 PRESTRESSED
I BEAM
4 SPANS AT 100' = 400'
TX-54 PRESTRESSED I BEAMS
AT 87.50'
TX-54
PRETRESSED
I BEAM
AT 71.55'
TX-54
PRETRESSED
I BEAM
1 SPAN AT 116.76'
TX-54 PRESTRESSED
AT 81.58'
TX-54
PRETRESSED
I BEAM
AT 92.47'
TX-54
PRETRESSED
I BEAM
AT 73.24'
TX-54
PRETRESSED
I BEAM
4 SPANS AT 100' = 400'
TX-54 PRESTRESSED I BEAMS
(+)2.92 %
(-)2.00 %
STA = 1175+50.00
EL = 723.00'
ex = -7.38'
K = 244
L = 1,200.00'
VPT 1162+00.00'
EL. = 683.59
VPC 1169+50.00'
EL. = 705.49
VPT 1181+50.00'
EL. = 711.00
21.3' MIN. CLR.
47.5' MIN. CLR.
46.9' MIN. CLR.
45.4' MIN. CLR.
45.2' MIN. CLR.
PROP PRESTON RD
℄ 380ML STA 1174+94.92=
℄ PRSN STA 24+50.73, EL. 687.71'
PROP PRESTON NBFR
℄ 380ML STA 1176+19.74=
℄ PRSNFRN STA 15+25.96, EL. 664.16'
PROP PRESTON SBFR
℄ 380ML STA 1173+75.05=
℄ PRSNFRS STA 14+31.70, EL. 661.01'
PROP PRESTON SBFR U-TURN
℄ 380ML STA 1173+26.13=
℄ PRSNFRS STA 11+45.77, EL. 659.72'
PROP PRESTON NBFR U-TURN
℄ 380ML STA 1176+69.23=
℄ PRSNFRN STA 11+55.70, EL. 663.93'
680.86
646.97
682.18
647.38
683.59
647.79
685.05
648.26
686.51
648.69
687.97
649.12
689.43
649.56
690.89
650.05
692.35
650.50
693.81
650.96
695.27
651.40
696.73
651.68
698.19
651.84
699.65
651.92
701.11
651.93
702.57
651.99
704.03
652.31
705.49
652.82
706.89
653.54
708.20
654.42
709.40
655.39
710.50
656.23
711.50
657.16
712.40
658.63
713.19
659.43
713.88
660.12
714.47
660.28
714.96
661.44
715.34
662.03
715.62
662.75
715.80
662.09
715.88
662.77
715.85
663.13
715.72
662.95
715.49
663.36
715.16
663.91
714.72
664.66
714.18
665.51
713.54
666.61
712.80
667.14
711.95
675.58
711.00
687.23
1165+00
1170+00
1175+00
1180+00

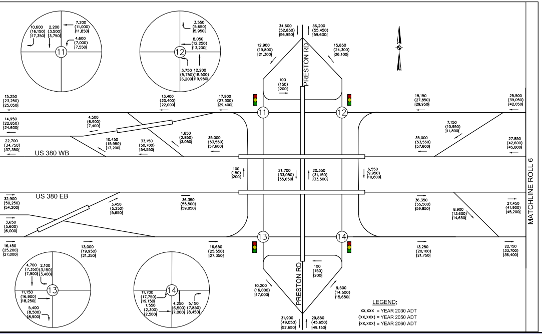

54
56
57
55
58
80
FR01
72"W
30"
72" RCCP
CITY OF IRVING EASEMENT
END BRIDGE
WB US 380 MAINLANES
℄ 380ML STA 1188+73.10
CITY OF IRVING EASEMENT
BEGIN PROP RET WALL
℄ RWE03 STA 15+68.01,
8.00 LT
BEGIN PROP RET WALL
℄ 380ML STA 1190+28.62,
74.00 LT
END PROP RET WALL
℄ RWE03 STA 20+78.92,
31.23 LT
R09
EXIST ROW
END PROP RET WALL
℄ 380ML STA 1195+40.33,
74.00 LT
RWE03_4
3185+00
3190+00
3195+00
SD1
RWE03_1
℄ RWE03
RWE03_2
RWE03_3
10+00
15+00
20+00
25+00
1185+00
1190+00
1195+00
EXIST ROW
10+00
OVERHEAD POWER LINE
END BRIDGE
EB US 380 MAINLANES
℄ 380ML STA 1188+73.10
REX03_1
℄ REX03
15+00
REX03_2
20+00
REX03_3
2185+00
2190+00
2195+00
2200+00
℄ 380EFR01
BEGIN PROP RET WALL
℄ REX03 STA 12+31.21,
8.00 RT
PROP ROW
MATCH LINE STA 1198+00
N


4 SPANS AT 115' = 460'
TX-54 PRESTRESSED I BEAMS
2 SPANS AT 95' = 190'
TX-54 PRESTRESSED I BEAMS
VPC 1183+50.00'
EL. = 707.00
PROP 380ML PGL
END BRIDGE
EB/WB US 380 MAINLANES
380ML STA 1188+73.10
EL. 704.00
VPT 1191+50.00'
EL. = 708.45
VPC 1191+50.00'
EL. = 708.45
(-)2.00 %
(+)2.36 %
STA = 1187+50.00
EL = 699.00'
ex = 4.36'
K = 183
L = 800.00'
EXIST GROUND
AT 380ML
MATCH LINE STA 1198+00
720
710
700
690
680
670
660
650
710.00
684.97
709.00
683.13
708.00
681.62
707.00
680.28
706.07
679.19
705.27
678.49
704.61
678.35
704.09
678.51
703.70
678.80
703.45
678.71
703.34
679.48
703.36
680.51
703.52
682.29
703.82
683.33
704.25
684.23
704.82
685.06
705.52
686.19
706.36
687.73
707.34
690.23
708.45
693.30
709.59
696.59
710.63
700.50
711.57
702.67
712.41
705.55
713.16
708.30
713.81
709.98
714.36
711.17
714.82
712.26
715.18
713.41
715.45
715.08
715.62
716.36
715.69
717.34
715.66
717.92
PROP
EXIST
1185+00
1190+00
1195+00

MATCHLINE ROLL 4

TURN LANE	TAPER LENGTH	DECEL LENGTH	STORAGE LENGTH	TOTAL LENGTH
LEFT TURN BAY LENGTHS				
L05	100′	345′	127′	472′
L06	75′	345′	180′	525′
RIGHT TURN BAY LENGTHS				
R07	100′	345′	655′	1000′
R08	100′	345′	655′	1000′
R09	150′	297′	0′	297′

ID #	SITE ADDRESS	OWNER	OCCUPANT
52	US 380 FRISCO TX 75035	289 (PRESTON) & 380 LP	
53	US 380 PROSPER TX 75078	183 LAND CORP	
54	US 380 (UNIVERSITY) BLVD PROSPER TX	380 & 289 LP	
55	US 380 FRISCO TX 75035	289 (PRESTON) & 380 LP	
56	500 RICHLAND BLVD PROSPER TX	WAL-MART REAL ESTATE BUSINESS TRUST	
57	700 RICHLAND BLVD PROSPER TX	380 & 289 LP	
58	US 380 PROSPER TX 75078	289 (PRESTON) & 380 LP	


11
10,600 (16,150) {17,350}
2,200 (3,500) {3,750}
7,200 (11,000) {11,850}
4,600 (7,000) {7,550}
12
3,550 (5,650) {5,950}
8,050 (12,250) {13,200}
3,750 (5,750) {6,200}
12,200 (18,500) {19,950}
34,600 (52,850) {56,950}
36,200 (55,450) {59,600}
12,900 (19,800) {21,300}
15,850 (24,300) {26,100}
PRESTON RD
100 (150) {200}
15,250 (23,250) {25,050}
13,400 (20,400) {22,000}
17,900 (27,300) {29,400}
18,150 (27,850) {29,950}
25,500 (39,050) {42,050}
14,950 (22,850) {24,600}
4,500 (6,900) {7,400}
7,150 (10,950) {11,800}
22,700 (34,750) {37,350}
10,450 (15,950) {17,200}
33,150 (50,700) {54,550}
1,850 (2,850) {3,050}
35,000 (53,550) {57,600}
35,000 (53,550) {57,600}
27,850 (42,600) {45,800}
US 380 WB
100 (150) {200}
21,700 (33,050) {35,650}
20,350 (31,150) {33,500}
6,550 (9,950) {10,800}
US 380 EB
32,900 (50,250) {54,200}
3,450 (5,250) {5,650}
36,350 (55,500) {59,850}
36,350 (55,500) {59,850}
8,900 (13,600) {14,650}
27,450 (41,900) {45,200}
3,650 (5,600) {6,000}
13
14
16,450 (25,200) {27,000}
13,000 (19,950) {21,350}
16,650 (25,550) {27,350}
13,250 (20,100) {21,750}
22,150 (33,700) {36,400}
100 (150) {200}
4,700 (7,350) {7,900}
2,100 (3,150) {3,400}
11,150 (16,900) {18,250}
5,400 (8,500) {8,900}
11,700 (17,750) {19,150}
1,550 (2,300) {2,500}
4,250 (6,500) {7,000}
5,150 (7,850) {8,450}
10,200 (16,000) {17,000}
9,500 (14,500) {15,650}
PRESTON RD
31,900 (49,050) {52,650}
29,850 (45,650) {49,150}
MATCHLINE ROLL 6
LEGEND:
xx,xxx = YEAR 2030 ADT
(xx,xxx) = YEAR 2050 ADT
{xx,xxx} = YEAR 2060 ADT

TEXAS DEPARTMENT OF TRANSPORTATION®

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

US 380
DESIGN SCHEMATIC

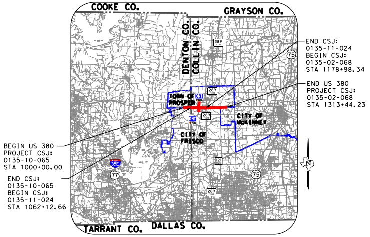
COLLIN AND DENTON COUNTY, TEXAS

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 5 OF 24

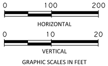
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
US 380	70 MPH	URBAN FREEWAY
DALLAS NORTH TOLLWAY	70 MPH	URBAN FREEWAY
SH 289 (PRESTON RD)	55 MPH	MAJOR THOROUGHFARE
CROSS STREETS	40 MPH	LOCAL STREETS
FRONTAGE ROADS	45 MPH	URBAN ARTERIAL
RAMPS	50 MPH	URBAN FREEWAY
DIRECT CONNECTORS	45 MPH	URBAN FREEWAY
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
DNT
75
35E
77
121
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
N

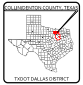
LOCATION MAP
N.T.S.

INDEX OF SHEETS

ROLL 1: PLAN & PROFILE VIEW US 380 BEGIN PROJECT TO STA 1010+00
ROLL 2: PLAN & PROFILE VIEW US 380 STA 1010+00 TO STA 1057+00
ROLL 3: PLAN & PROFILE VIEW US 380 STA 1057+00 TO STA 1104+00
ROLL 4: PLAN & PROFILE VIEW US 380 STA 1104+00 TO STA 1151+00
ROLL 5: PLAN & PROFILE VIEW US 380 STA 1151+00 TO STA 1198+00
ROLL 6: PLAN & PROFILE VIEW US 380 STA 1198+00 TO STA 1245+00
ROLL 7: PLAN & PROFILE VIEW US 380 STA 1245+00 TO STA 1292+00
ROLL 8: PLAN & PROFILE VIEW US 380 STA 1292+00 TO END PROJECT
ROLL 9: PLAN VIEW DNT BEGIN PROJECT TO STA 1687+00
ROLL 10: PLAN VIEW DNT STA 1687+00 TO END PROJECT
ROLL 11: PLAN & PROFILE VIEW 289 BEGIN PROJECT TO END PROJECT
ROLL 12: PROFILE VIEW-US 380 EBFR BEGIN PROJECT TO STA 2196+00
ROLL 13: PROFILE VIEW-US 380 EBFR STA 2196+00 TO END PROJECT
ROLL 14: PROFILE VIEW-US 380 WBFR BEGIN PROJECT TO STA 3196+00
ROLL 15: PROFILE VIEW-US 380 WBFR STA 3196+00 TO END PROJECT
ROLL 16: PROFILE VIEW-DIRECT CONNECTORS
ROLL 17: PROFILE VIEW-DIRECT CONNECTORS
ROLL 18: PROFILE VIEW-DIRECT CONNECTORS
ROLL 19: PROFILE VIEW-DIRECT CONNECTORS
ROLL 20: PROFILE VIEW-RAMPS
ROLL 21: PROFILE VIEW-RAMPS
ROLL 22: PROFILE VIEW-CROSS STREETS
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.

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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

Jacobs
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DALLAS, TX 75201-3136
Phone 214.638.0145
Firm Registration F-2966

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