TEXAS DEPARTMENT OF TRANSPORTATION®

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

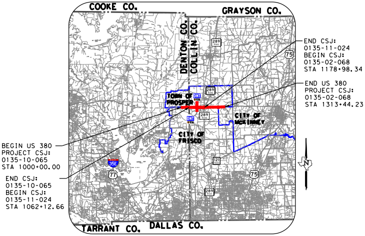
US 380
DESIGN SCHEMATIC
COLLIN AND DENTON COUNTY, TEXAS

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 1 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
DIRECT CONNECTOR DCWS		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
121
35E
77
DNT
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.

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ROLL 5: PLAN & PROFILE VIEW US 380 STA 1151+00 TO STA 1198+00
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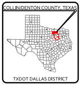
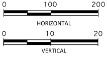

COLLIN/DENTON COUNTY, TEXAS
TXDOT DALLAS DISTRICT

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
1999 BRYAN STREET, SUITE 1200
DALLAS, TX 75201-3136
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
|||	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

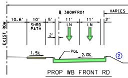
UTILITY LEGEND

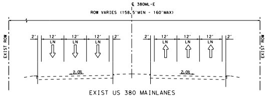
SYMBOL	UTILITY	
—x—x-	ABANDONED UTILITY	
——	PROPOSED UTILITY	
—— —	UNKNOWN UTILITY	
COMMUNICATIONS		
—C1—	AT&T (FO/DUCT)	QL "B"
—C2—	AT&T (TELE)	
—C3—	MCI (FO/DUCT)	
—C4—	CITY OF IRVING (FO/DUCT)	
—C5—	SPECTRUM (FO/DUCT)	
—C6—	ZAYO (FO/DUCT)	
- —(C1)-	AT&T (FO/DUCT)	QL "C"/QL "D"
- —(C2)-	AT&T (TELE)	
- —(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:

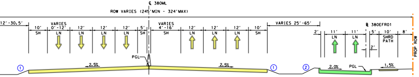
1. EXISTING FEATURES WERE NOT FIELD SURVEYED, SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 21, 2020 AND RECORD PLANS.
2. APPROXIMATE 100 YEAR FLOODPLAIN INSURANCE RATE MAO BASED UPON FEMA FLOOD INSURANCE RATE MAP PANELS 48085C0230J AND 48085C0235J.
3. OWNERSHIP INFORMATION SHOWN ON THE SCHEMATIC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

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


℄ 380WFR01
VARIES
10.6′
10′
5′
11′
11′
2′
SHRD PATH
LN
LN
2′
EXIST ROW
1.5%
PGL
2.0%
②
PROP WB FRONT RD

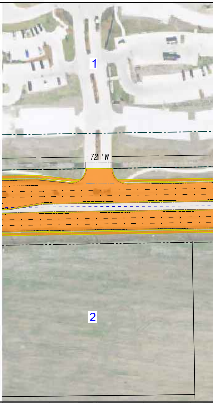

℄ 380ML-E
ROW VARIES (158.5'MIN - 160'MAX)
EXIST ROW
2'
12' LN
12' LN
12' LN
2'
2'
12' LN
12' LN
12' LN
2'
2.0%
2.0%
EXIST ROW

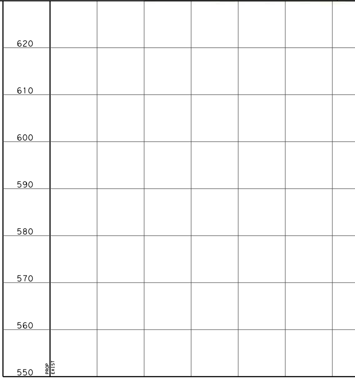
EXIST US 380 MAINLANES

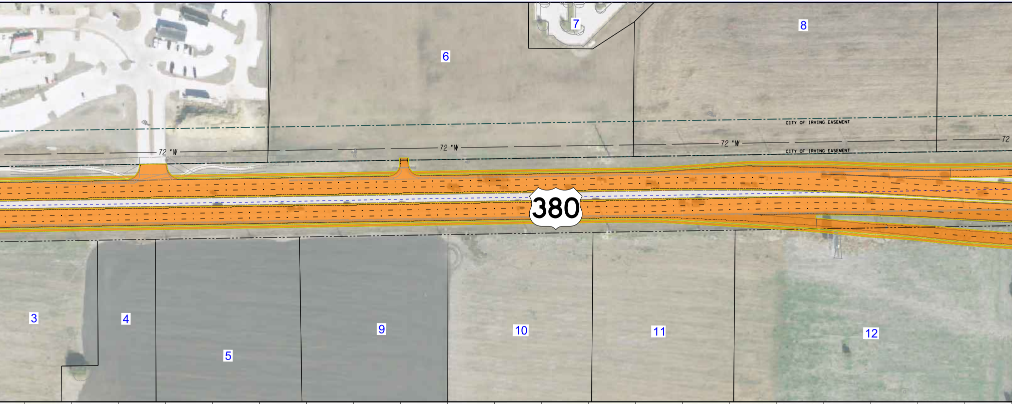

℄ 380ML
ROW VARIES (245'MIN - 324'MAX)
12'-30.5'
10' SH
VARIES 0'-12' LN
12' LN
12' LN
12' LN
5' SH
VARIES 4'-16' SH
12' LN
12' LN
12' LN
10' SH
VARIES 25'-65'
℄ 380EFR01
2'
11' LN
11' LN
5'
10' SHRD PATH
8'
2'
PROP ROW
PGL
2.5%
2.5%
①
①
②
2.0%
PGL
1.5%

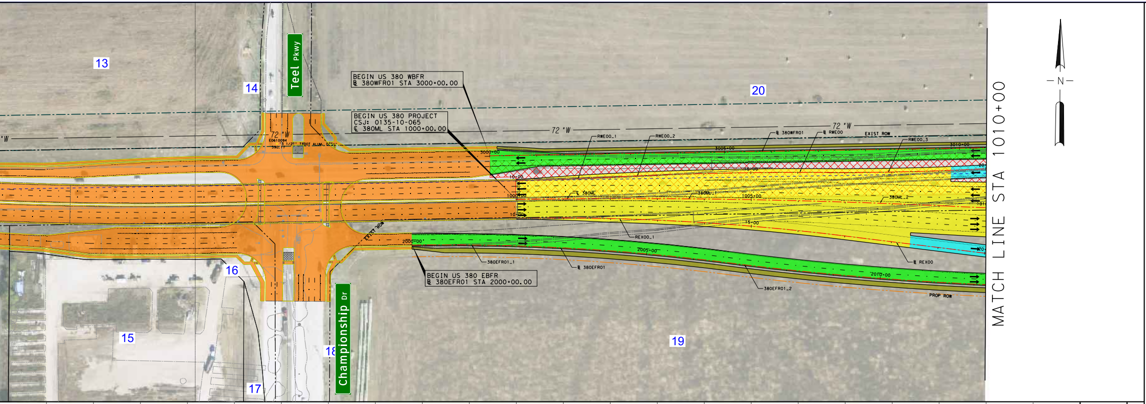
PROP US 380 MAINLANES
1000+00 TO 1010+00

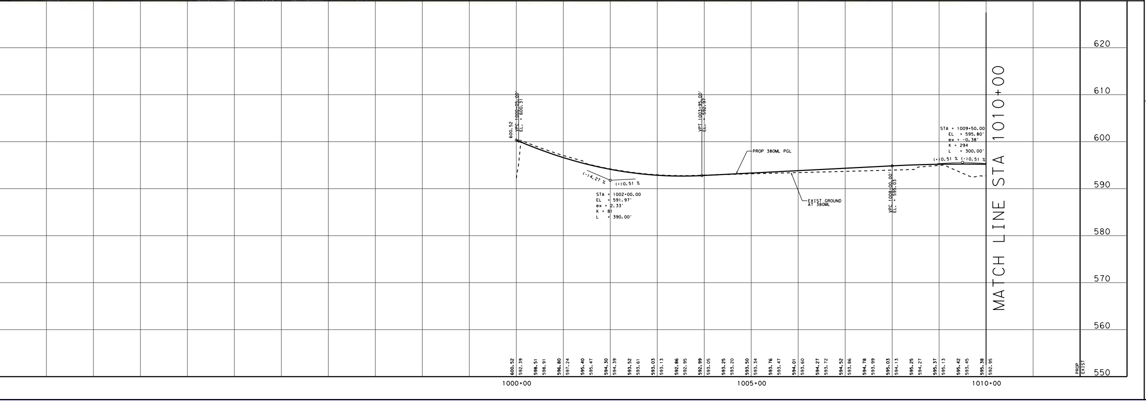
PROP EB FRONT RD



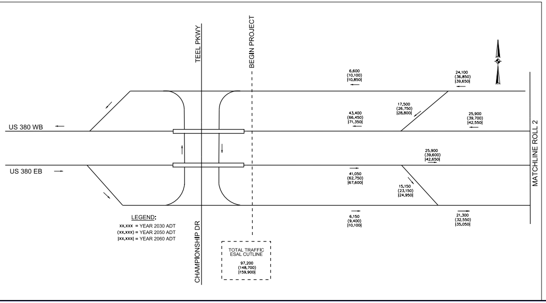



7
8
6
CITY OF IRVING EASEMENT
72 "W
72 "W
72 "W
72
CITY OF IRVING EASEMENT
380
3
4
5
9
10
11
12


13
14
Teel Pkwy
BEGIN US 380 WBFR
℄ 380WFR01 STA 3000+00.00
BEGIN US 380 PROJECT
CSJ: 0135-10-065
℄ 380ML STA 1000+00.00
20
72 "W
E0610094
"3 1/2" TXDOT ALUM. DISK"
590.17
RWE00_1
RWE00_2
℄ 380WFR01
℄ RWE00
EXIST ROW
RWE00_3
3000+00
3005+00
3010+00
10+00
15+00
℄ 380ML
380ML_1
1000+00
1005+00
380ML_2
REX00_1
2000+00
2005+00
2010+00
EXIST ROW
380EFR01_1
℄ 380EFR01
380EFR01_2
℄ REX00
PROP ROW
BEGIN US 380 EBFR
℄ 380EFR01 STA 2000+00.00
16
15
17
18
Championship Dr
19
MATCH LINE STA 1010+00
N


620
610
600
590
580
570
560
550
600.52
VPC 1000+05.00'
EL. = 600.31
VPT 1003+95.00'
EL. = 592.97
(-)4.27 %
(+)0.51 %
STA = 1002+00.00
EL = 591.97'
ex = 2.33'
K = 81
L = 390.00'
PROP 380ML PGL
EXIST GROUND AT 380ML
VPC 1008+00.00'
EL. = 595.03
STA = 1009+50.00
EL = 595.80'
ex = -0.38'
K = 294
L = 300.00'
(+)0.51 %
(-)0.51 %
MATCH LINE STA 1010+00
600.52
592.39
598.51
598.91
596.80
597.24
595.40
595.47
594.30
594.39
593.52
593.61
593.03
593.13
592.86
592.95
592.99
593.05
593.25
593.20
593.50
593.34
593.76
593.47
594.01
593.60
594.27
593.72
594.52
593.86
594.78
593.99
595.03
594.13
595.25
594.27
595.37
595.13
595.42
593.45
595.38
592.95
1000+00
1005+00
1010+00
PROP
EXIST

ID #	SITE ADDRESS	OWNER	OCCUPANT
1	4300 W UNIVERSITY DR PROSPER TX 75078	COOK CHILDREN'S HEALTH CARE SYSTEM	
2	US 380 FRISCO TX 75033	NEW CORNERS LLC	
3	US 380 FRISCO TX 75033	NEW CORNERS LLC	
4	US 380 FRISCO TX 75033	ELAND ENERGY INC	
5	US 380 FRISCO TX 75033	380 MEDICAL OFFICE PARK LLC	
6	US 380 PROSPER TX 75078	OLSON, MICHAEL S.T.D. BISHOP FOR CATHOLIC DIOCESE OF FORT WORTH	
7	US 380 PROSPER TX 75078	OLSON, MICHAEL S.T.D. BISHOP FOR CATHOLIC DIOCESE OF FORT WORTH	
8	US 380 FRISCO TX 75078	TEEL 380 LP	
9	US 380 FRISCO TX 75033	380 MEDICAL OFFICE PARK LLC	
10	US 380 FRISCO TX 75033	THE GREENS OFFICE PARK LLC	
11	US 380 FRISCO TX 75033	CHAPIONS OFFICEPARK LLC	
12	US 380 FRISCO TX 75033	GENE MCCUTCHIN LTD II	
13	US 380 FRISCO TX 75078	TEEL 380 LP	
14	US 380 PROSPER TX 75078	PROSPER, TOWN OF	
15	US 380 FRISCO TX 75033	GENE MCCUTCHIN LTD II	
16	US 380 FRISCO TX 75033	TEXAS DEPARTMENT OF TRANSPORTATION	
17	US 380 FRISCO TX 75033	FRISCO, CITY OF	
18	US 380 FRISCO TX 75033	FRISCO, CITY OF	
19	US 380 E FRISCO TX 75033	NORTH FIELDS INVESTMENT PARTNERS LP/64 C/O HUNT REALTY INVESTMENTS INC	
20	US 380 PROSPER TX 75078	PEMMASANI INTERESTS LLC	


TEEL PKWY
BEGIN PROJECT
US 380 WB
US 380 EB
CHAMPIONSHIP DR
MATCHLINE ROLL 2
6,600
(10,100)
{10,850}
24,100
(36,850)
{39,650}
17,500
(26,750)
{28,800}
43,400
(66,450)
{71,350}
25,900
(39,700)
{42,550}
25,900
(39,600)
{42,650}
41,050
(62,750)
{67,600}
15,150
(23,150)
{24,950}
6,150
(9,400)
{10,100}
21,300
(32,550)
{35,050}

LEGEND:
xx,xxx = YEAR 2030 ADT
(xx,xxx) = YEAR 2050 ADT
{xx,xxx} = YEAR 2060 ADT

TOTAL TRAFFIC
ESAL CUTLINE
97,200
(148,700)
{159,900}

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
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CSJ: 0135-02-068 EAST OF SH 289 TO WEST OF LAKEWOOD DR
LENGTH: 5.9 MILES

DATE: MAY 2022

ROLL 1 OF 24

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
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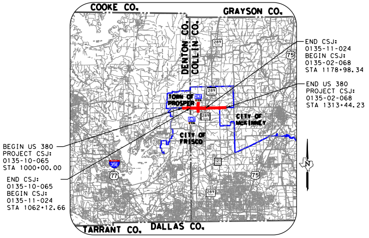
CROSS STREETS	40 MPH	LOCAL STREETS
FRONTAGE ROADS	45 MPH	URBAN ARTERIAL
RAMPS	50 MPH	URBAN FREEWAY
DIRECT CONNECTORS	45 MPH	URBAN FREEWAY
DIRECT CONNECTOR DCES	40 MPH	URBAN FREEWAY


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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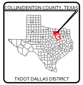
ROLL 23: PROFILE VIEW-U-TURNS
ROLL 24: PROFILE VIEW-DNT FRONTAGE ROADS

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
1999 BRYAN STREET, SUITE 1200
DALLAS, TX 75201-3136
Phone 214.638.0145
Firm Registration F-2966

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