TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

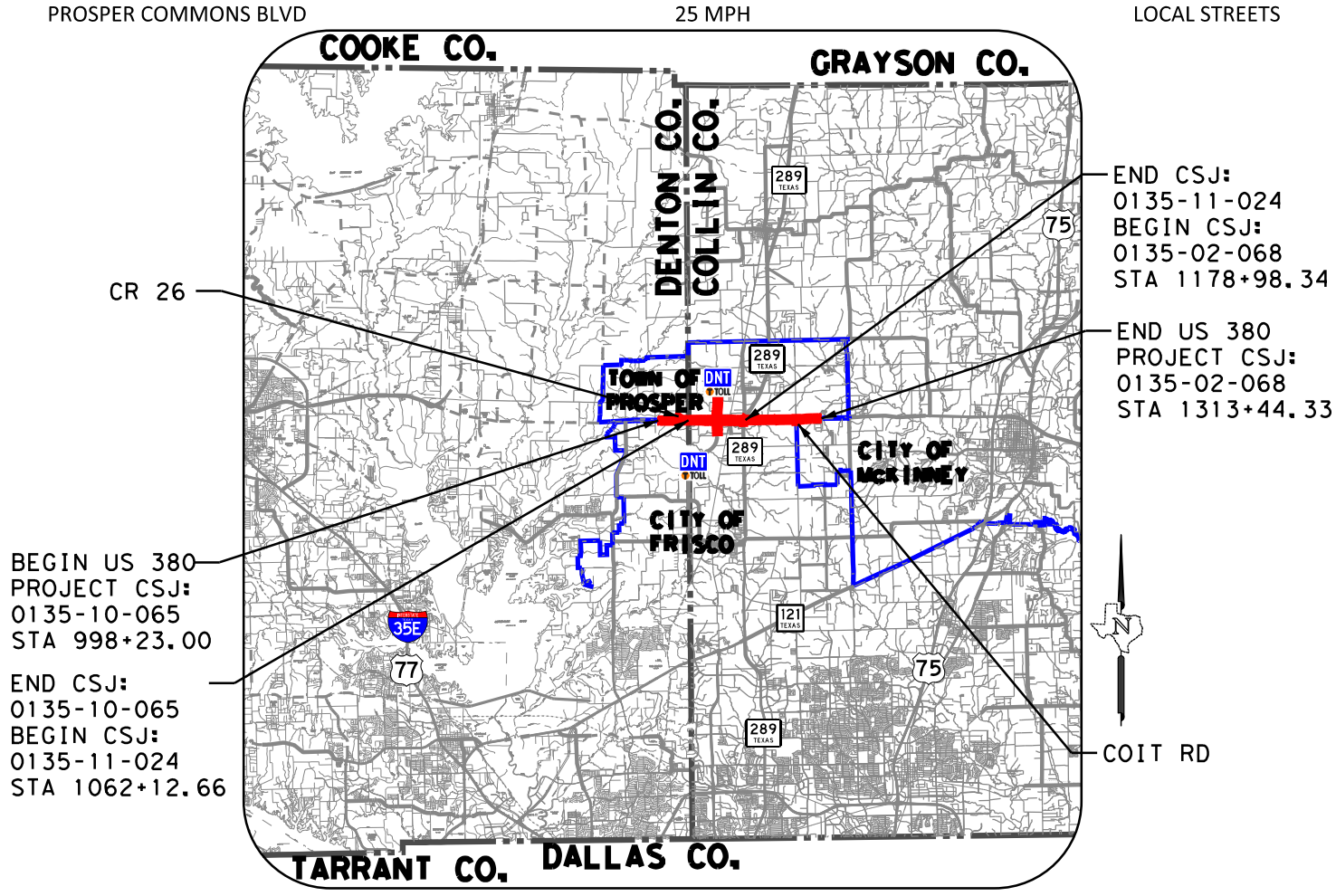
US 380
DESIGN SCHEMATIC
COLLIN AND DENTON COUNTY, TEXAS

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: 5.969 MILES

DATE: SEPTEMBER 2022

ROLL 4 OF 26

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
US 380	70 MPH	URBAN FREEWAY
US 380 TRANSITION FROM URBAN ARTERIAL TO URBAN FREEWAY (380ML STA 998+23.00 TO 1011+61.80)	45 MPH	URBAN ARTERIAL
US 380 TRANSITION FROM URBAN FREEWAY TO URBAN ARTERIAL (380ML-ALT STA 1287+65.50 TO 1302+06.85)	45 MPH	URBAN ARTERIAL
DALLAS NORTH TOLLWAY	70 MPH	URBAN FREEWAY
SH 289 (PRESTON RD)	45 MPH	URBAN ARTERIAL
MAHARD PKWY	40 MPH	COLLECTOR STREET
CROSS STREETS	40 MPH	LOCAL STREETS
FRONTAGE ROADS	45 MPH	URBAN ARTERIAL
RAMPS	45 MPH	URBAN FREEWAY
DIRECT CONNECTORS	40 MPH	URBAN FREEWAY
U-TURNS	20 MPH	URBAN ARTERIAL
PROSPER COMMONS BLVD	25 MPH	LOCAL STREETS



BEGIN US 380 PROJECT CSJ: 0135-10-065 STA 998+23.00

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

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

END US 380 PROJECT CSJ: 0135-02-068 STA 1313+44.33

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 & PROFILE VIEW US 380 ALT EAST END
- ROLL 10: PLAN VIEW DNT BEGIN PROJECT TO STA 1687+00
- ROLL 11: PLAN VIEW DNT STA 1687+00 TO END PROJECT
- ROLL 12: PLAN & PROFILE VIEW 289 BEGIN PROJECT TO END PROJECT
- ROLL 13: PROFILE VIEW-US 380 EBFR BEGIN PROJECT TO STA 2196+00
- ROLL 14: PROFILE VIEW-US 380 EBFR STA 2196+00 TO END PROJECT
- ROLL 15: PROFILE VIEW-US 380 WBFR BEGIN PROJECT TO STA 3196+00
- ROLL 16: PROFILE VIEW-US 380 WBFR STA 3196+00 TO END PROJECT
- ROLL 17: PROFILE VIEW-US 380 ALT FR PROFILES EAST END
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- ROLL 19: PROFILE VIEW-DIRECT CONNECTORS
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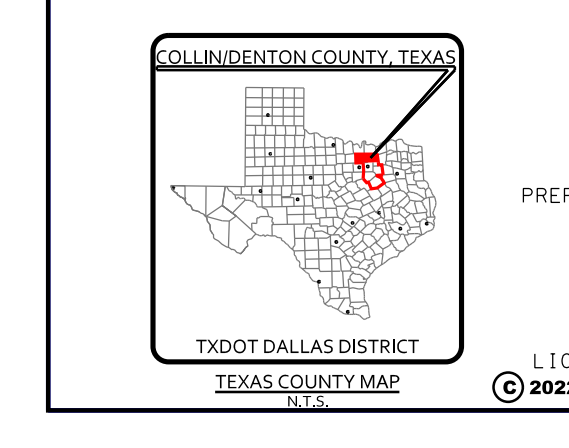
- ROLL 22: PROFILE VIEW-RAMPS
- ROLL 23: PROFILE VIEW-RAMPS
- ROLL 24: PROFILE VIEW-CROSS STREETS
- ROLL 25: PROFILE VIEW-U-TURNS
- ROLL 26: PROFILE VIEW-DNT



TEXAS COUNTY MAP
N.T.S.

NOT A BINDING DOCUMENT

95% SUBMITTAL
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: 12/16/2022

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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

LEGEND:

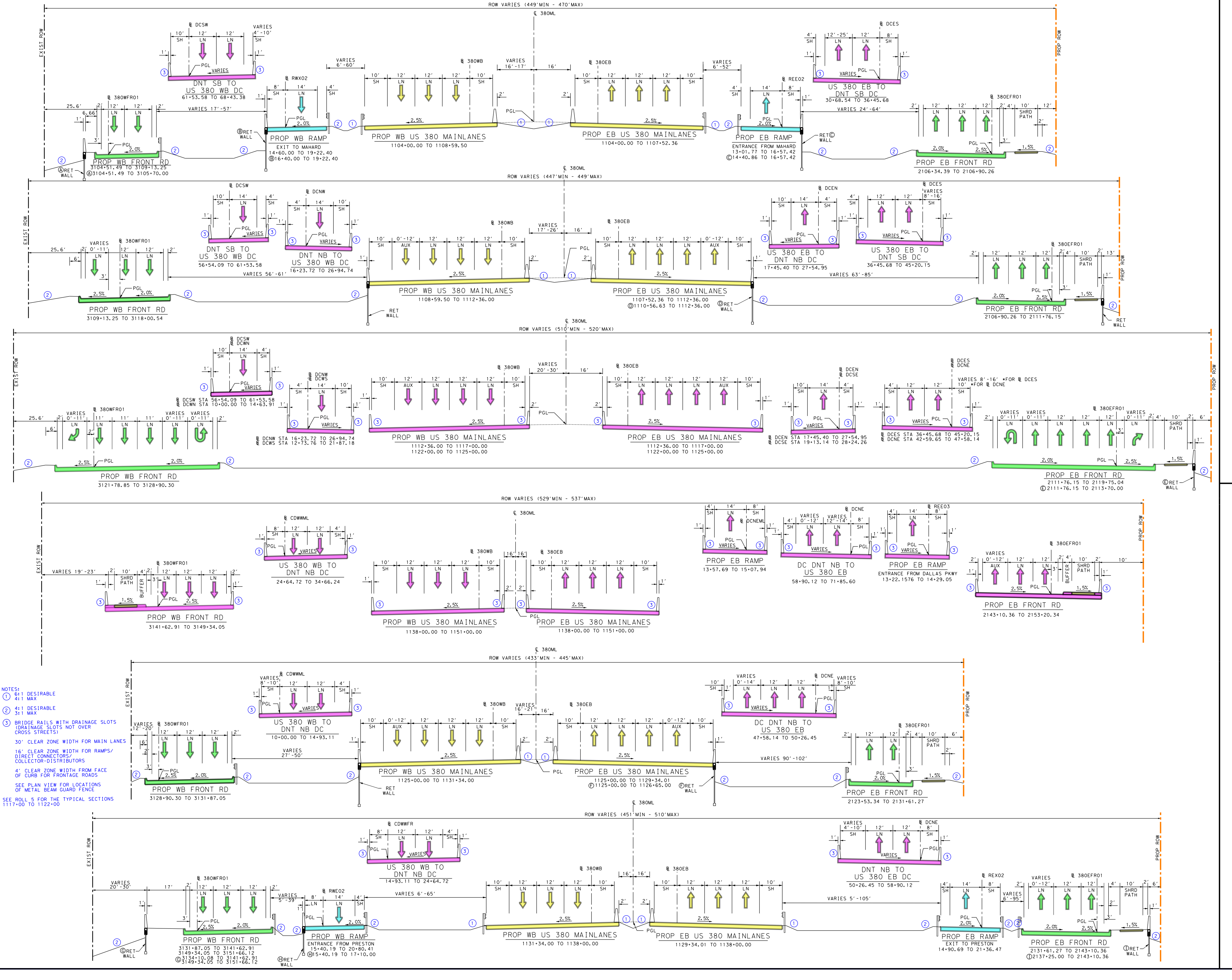
▨	EXISTING ROADWAY TO REMAIN
▨	EXISTING BRIDGE TO REMAIN
🟪	PROPOSED BRIDGE
🟨	PROPOSED MAIN LANES
🟦	PROPOSED RAMP
🟩	PROPOSED FRONTAGE ROAD
▨	DRIVEWAY
🟦	DIRECT CONNECTOR
🟥	COLLECTOR DISTRIBUTOR
🟧	PROJECT BY OTHERS
🟪	PROPOSED CROSS STREET
▨	PROPOSED SIDEWALK
▨	POTENTIAL DISPLACEMENTS
▨	PAVEMENT / BRIDGE TO BE REMOVED
▨	EXISTING 100 YR FLOODPLAIN LIMITS
▨	EXISTING FLOODWAY
▨	PROPOSED CONC RIPRAP
——- -	EXISTING ROW
- - - -	EXISTING 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 EDGE OF PAVEMENT
——	PROPOSED BACK OF CURB
——	PROPOSED TRAFFIC BARRIER
——	PROPOSED BRIDGE ABUTMENT
-ʘ -ʘ	PROPOSED BRIDGE BENT
——	PROPOSED RETAINING 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
▬	PROPOSED OVERHEAD SIGN STRUCTURE
▬	EXISTING OVERHEAD SIGN STRUCTURE
▨	STONE RIP RAP
—→	DRAIN CHANNEL
....	FLEXIBLE DELINEATOR POSTS

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		
— W2 —	TOWN OF PROSPER	
— W3 —	CITY OF FRISCO	
— W4 —	CITY OF MCKINNEY	
—(W2)—	TOWN OF PROSPER	
—(W3)—	CITY OF FRISCO	
—(W4)—	CITY OF MCKINNEY	
NON-POTABLE WATER		
— W1 —	CITY OF IRVING	QL "B"
—(W1)—	CITY OF IRVING	QL "C"/QL "D"
TRAFFIC SIGNALS		
— TS1 —	CITY OF FRISCO	QL "B"
— TS2 —	TXDOT	
—(TS1)—	CITY OF FRISCO	QL "C"/QL "D"
—(TS2)—	TXDOT	
(SP)	SIGNAL POLE	
SB	SIGNAL HANDHOLE/BOX	
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 MAP 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).


EXIST ROW
380WFR01
PROP WB FRONT RD
3104+51.49 TO 3109+13.25
Ⓐ RET WALL
Ⓐ3104+51.49 TO 3105+70.00
PROP WB FRONT RD
3109+13.25 TO 3118+00.54
PROP WB FRONT RD
3121+78.85 TO 3128+90.30
VARIES 19′-23′
SHRD PATH
BUFFER
LN
PGL
2.5%
2.0%
1.5%
DCSW
DCWN
NOTES:
① 6:1 DESIRABLE 4:1 MAX
② 4:1 DESIRABLE 3:1 MAX
③ BRIDGE RAILS WITH DRAINAGE SLOTS (DRAINAGE SLOTS NOT OVER CROSS STREETS)
4′ CLEAR ZONE WIDTH FROM FACE OF CURB FOR FRONTAGE ROADS
SEE PLAN VIEW FOR LOCATION OF METAL BEAM GUARD FENCE
SEE ROLL 5 FOR THE TYPICAL SECTION 1117+00 TO 1122+00

MATCH LINE STA 1640+00
MATCH LINE STA 1632+60
MATCH LINE STA 1104+00
MATCH LINE STA 1151+00
380
DNT
43A
43B
43C
44
45
46
47
48
49
50
51
52
53
BNSF RR
Mahard Pkwy
Legacy Rd
Preston Rd
Hillcrest Rd
Coit Rd
Dallas North Tollway
690
680
670
660
650
640
630
620

CURVE DATA

CURVE NAME	CURVE NO.	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
380ML	380ML_9	1110+86.39	7,131,538.19	2,481,735.46	1° 18′ 31.07" RT	14,580.00′	0° 23′ 34.71"	166.51′	333.01′	N 89° 01′ 17.36" E	333.00′	1109+19.88	1112+52.88	N 88° 22′ 01.83" E	N 89° 40′ 32.90" E
	380ML_10	1141+44.24	7,131,554.37	2,484,793.28	3° 52′ 04.10" RT	14,580.00′	0° 23′ 34.71"	492.31′	984.24′	S 88° 22′ 04.86" E	984.05′	1136+51.93	1146+36.17	N 89° 41′ 53.09" E	S 86° 26′ 02.81" E
	380ML_11	1158+35.05	7,131,449.18	2,486,481.19	8° 06′ 55.61" LT	16,900.00′	0° 20′ 20.50"	1,198.87′	2,393.74′	N 89° 30′ 29.39" E	2,391.74′	1146+36.17	1170+29.91	S 86° 26′ 02.81" E	N 85° 27′ 01.58" E
380EB	380EB_9	4110+87.17	7,131,510.19	2,481,735.94	1° 18′ 31.07" RT	14,552.00′	0° 23′ 37.43"	166.19′	332.37′	N 89° 01′ 17.36" E	332.36′	4109+20.98	4112+53.35	N 88° 22′ 01.83" E	N 89° 40′ 32.90" E
	380EB_10	4141+43.75	7,131,526.36	2,484,792.49	3° 52′ 04.10" RT	14,552.00′	0° 23′ 37.43"	491.36′	982.35′	S 88° 22′ 04.86" E	982.16′	4136+52.39	4146+34.74	N 89° 41′ 53.09" E	S 86° 26′ 02.81" E
	380EB_11	4158+35.60	7,131,421.11	2,486,481.43	8° 06′ 55.61" LT	16,928.00′	0° 20′ 18.48"	1,200.86′	2,397.70′	N 89° 30′ 29.39" E	2,395.70′	4146+34.74	4170+32.44	S 86° 26′ 02.81" E	N 85° 27′ 01.58" E
380WB	380WB_9	5108+18.86	7,131,558.54	2,481,467.98	1° 08′ 06.97" LT	15,468.00′	0° 22′ 13.49"	153.25′	306.49′	N 87° 46′ 38.15" E	306.48′	5106+65.62	5109+72.10	N 88° 20′ 41.63" E	N 87° 12′ 34.66" E
	380WB_10	5114+11.92	7,131,587.41	2,482,060.34	3° 15′ 08.46" RT	15,492.00′	0° 22′ 11.43"	439.81′	879.39′	N 88° 50′ 08.89" E	879.27′	5109+72.10	5118+51.49	N 87° 12′ 34.66" E	S 89° 32′ 16.88" E
	380WB_11	5128+69.94	7,131,575.65	2,483,518.55	0° 45′ 50.03" LT	15,492.00′	0° 22′ 11.43"	103.28′	206.55′	S 89° 55′ 11.89" E	206.55′	5127+66.66	5129+73.21	S 89° 32′ 16.88" E	N 89° 41′ 53.09" E
	380WB_12	5141+45.48	7,131,582.37	2,484,794.08	3° 52′ 04.10" RT	14,608.00′	0° 23′ 32.00"	493.25′	986.13′	S 88° 22′ 04.86" E	985.94′	5136+52.23	5146+38.36	N 89° 41′ 53.09" E	S 86° 26′ 02.81" E
	380WB_13	5158+35.25	7,131,477.25	2,486,480.95	8° 06′ 55.61" LT	16,872.00′	0° 20′ 22.53"	1,196.89′	2,389.77′	N 89° 30′ 29.39" E	2,387.77′	5146+38.36	5170+28.13	S 86° 26′ 02.81" E	N 85° 27′ 01.58" E
380EFR01	380EFR01_9	2107+30.61	7,131,306.29	2,481,151.44	3° 55′ 36.84" LT	6,500.00′	0° 52′ 53.30"	222.83′	445.49′	N 87° 59′ 35.58" E	445.41′	2105+07.77	2109+53.27	N 89° 57′ 24.00" E	N 86° 01′ 47.16" E
	380EFR01_10	2111+03.77	7,131,332.14	2,481,523.88	3° 40′ 05.93" RT	4,700.00′	1° 13′ 08.61"	150.51′	300.91′	N 87° 51′ 50.12" E	300.86′	2109+53.27	2112+54.18	N 86° 01′ 47.16" E	N 89° 41′ 53.09" E
	380EFR01_11	2126+43.28	7,131,340.25	2,483,063.47	1° 26′ 43.07" RT	4,700.00′	1° 13′ 08.61"	59.28′	118.56′	S 89° 34′ 45.38" E	118.56′	2125+83.99	2127+02.55	N 89° 41′ 53.09" E	S 88° 51′ 23.84" E
	380EFR01_12	2140+92.97	7,131,311.32	2,484,512.88	1° 07′ 09.47" LT	6,500.00′	0° 52′ 53.30"	63.49′	126.98′	S 89° 24′ 58.58" E	126.98′	2140+29.48	2141+56.46	S 88° 51′ 23.84" E	S 89° 58′ 33.32" E
	380EFR01_13	2152+43.73	7,131,310.84	2,485,663.64	4° 20′ 10.58" RT	5,500.00′	1° 02′ 30.27"	208.23′	416.25′	S 87° 48′ 28.02" E	416.15′	2150+35.51	2154+51.76	S 89° 58′ 33.32" E	S 85° 38′ 22.73" E
380WFR01	380WFR01_2	3115+44.82	7,131,719.03	2,482,136.67	0° 42′ 49.64" LT	10,000.00′	0° 34′ 22.65"	62.29′	124.58′	N 89° 35′ 59.18" E	124.58′	3114+82.53	3116+07.11	N 89° 57′ 24.00" E	N 89° 14′ 34.36" E
	380WFR01_3	3116+46.14	7,131,720.37	2,482,237.99	0° 41′ 17.41" RT	6,500.00′	0° 52′ 53.30"	39.04′	78.07′	N 89° 35′ 13.07" E	78.07′	3116+07.11	3116+85.18	N 89° 14′ 34.36" E	N 89° 55′ 51.78" E
	380WFR01_4	3130+57.57	7,131,722.07	2,483,649.41	2° 50′ 12.78" LT	4,700.00′	1° 13′ 08.61"	116.38′	232.71′	N 88° 30′ 45.39" E	232.69′	3129+41.19	3131+73.90	N 89° 55′ 51.78" E	N 87° 05′ 39.00" E
	380WFR01_5	3140+33.53	7,131,771.55	2,484,624.17	3° 04′ 08.00" RT	6,500.00′	0° 52′ 53.30"	174.12′	348.15′	N 88° 37′ 43.00" E	348.11′	3138+59.41	3142+07.56	N 87° 05′ 39.00" E	S 89° 50′ 13.00" E
	380WFR01_6	3150+02.17	7,131,768.79	2,485,592.89	5° 26′ 41.28" RT	6,500.00′	0° 52′ 53.30"	309.08′	617.69′	S 87° 06′ 52.36" E	617.46′	3146+93.09	3153+10.78	S 89° 50′ 13.00" E	S 84° 23′ 31.72" E
DNTNBFR	DNTNBFR_5	1631+54.89	7,130,973.50	2,482,776.25	4° 21′ 31.60" RT	9,420.00′	0° 36′ 29.65"	358.49′	716.63′	N 2° 36′ 18.99" W	716.45′	1627+96.40	1635+13.03	N 4° 47′ 04.79" W	N 0° 25′ 33.19" W
REE02	REE02_2	17+55.60	7,131,461.01	2,481,498.82	10° 39′ 53.79" RT	4,600.00′	1° 14′ 44.02"	429.36′	856.24′	N 84° 21′ 56.19" E	855.00′	13+26.25	21+82.48	N 79° 01′ 59.30" E	N 89° 41′ 53.09" E
REE03	REE03_1	10+37.36	7,131,329.97	2,485,350.50	4° 06′ 53.73" LT	1,040.00′	5° 30′ 33.15"	37.36′	74.69′	N 87° 57′ 59.82" E	74.68′	10+00.00	10+74.69	S 89° 58′ 33.32" E	N 85° 54′ 32.96" E
	REE03_2	13+91.98	7,131,355.27	2,485,704.25	6° 22′ 19.91" RT	5,700.00′	1° 00′ 18.68"	317.29′	633.93′	N 89° 05′ 42.91" E	633.60′	10+74.69	17+08.62	N 85° 54′ 32.96" E	S 87° 43′ 07.14" E
RWX02	RWX02_2	20+38.30	7,131,616.96	2,481,620.64	6° 53′ 49.46" LT	5,000.00′	1° 08′ 45.30"	301.31′	601.88′	S 88° 13′ 24.26" E	601.52′	17+36.99	23+38.87	S 84° 46′ 29.53" E	N 88° 19′ 41.01" E
REX02	REX02_1	14+72.32	7,131,471.90	2,483,565.78	10° 28′ 11.85" RT	4,600.00′	1° 14′ 44.02"	421.46′	840.58′	S 85° 04′ 00.99" E	839.41′	10+50.86	18+91.44	N 89° 41′ 53.09" E	S 79° 49′ 55.06" E
	REX02_2	22+51.86	7,131,333.87	2,484,335.38	9° 01′ 28.78" LT	1,050.00′	5° 27′ 24.27"	82.86′	165.39′	S 84° 20′ 39.45" E	165.21′	21+68.99	23+34.38	S 79° 49′ 55.06" E	S 88° 51′ 23.84" E
RWE02	RWE02_1	13+60.29	7,131,622.97	2,483,603.26	7° 14′ 00.96" LT	5,700.00′	1° 00′ 18.68"	360.29′	719.63′	N 86° 50′ 42.65" E	719.15′	10+00.00	17+19.63	S 89° 32′ 16.87" E	N 83° 13′ 42.17" E
	RWE02_2	24+56.62	7,131,752.35	2,484,692.89	6° 56′ 04.83" RT	2,870.00′	1° 59′ 46.93"	173.89′	347.36′	N 86° 41′ 44.58" E	347.15′	22+82.72	26+30.09	N 83° 13′ 42.17" E	S 89° 50′ 13.00" E
REE03	REE03_1	10+37.36	7,131,329.97	2,485,350.50	4° 06′ 53.73" LT	1,040.00′	5° 30′ 33.15"	37.36′	74.69′	N 87° 57′ 59.82" E	74.68′	10+00.00	10+74.69	S 89° 58′ 33.32" E	N 85° 54′ 32.96" E
	REE03_2	13+91.98	7,131,355.27	2,485,704.25	6° 22′ 19.91" RT	5,700.00′	1° 00′ 18.68"	317.29′	633.93′	N 89° 05′ 42.91" E	633.60′	10+74.69	17+08.62	N 85° 54′ 32.96" E	S 87° 43′ 07.14" E
RWX03	RWX03_1	10+65.24	7,131,738.58	2,485,666.73	7° 06′ 38.87" RT	1,050.00′	5° 27′ 24.27"	65.24′	130.31′	S 83° 28′ 13.75" E	130.23′	10+00.00	11+30.31	S 87° 01′ 33.19" E	S 79° 54′ 54.32" E
DCES	DCES_3	32+69.05	7,131,394.88	2,481,253.20	1° 44′ 21.64" LT	6,500.00′	0° 52′ 53.30"	98.67′	197.32′	N 89° 12′ 01.79" E	197.31′	31+70.38	33+67.71	S 89° 55′ 47.39" E	N 88° 19′ 50.97" E
	DCES_4	44+48.98	7,131,429.25	2,482,432.64	88° 51′ 28.08" RT	545.00′	10° 30′ 46.75"	534.24′	845.22′	S 47° 14′ 24.99" E	763.03′	39+14.74	47+59.96	N 88° 19′ 50.97" E	S 2° 48′ 40.95" E
DCSW	DCSW_4	67+98.50	7,131,675.82	2,481,089.45	6° 32′ 58.96" LT	910.00′	6° 17′ 46.46"	52.07′	104.03′	S 87° 14′ 23.74" W	103.97′	67+46.43	68+50.45	N 89° 29′ 06.78" W	S 83° 57′ 54.26" W
	DCSW_5	57+95.53	7,131,664.58	2,482,340.26	85° 57′ 45.16" RT	682.00′	8° 24′ 04.11"	635.56′	1,023.22′	S 47° 32′ 00.64" W	929.92′	51+59.97	61+83.19	S 4° 33′ 08.06" W	N 89° 29′ 06.78" W
DCEN	DCEN_1	12+68.98	7,131,405.00	2,481,152.94	4° 44′ 21.64" LT	6,500.00′	0° 52′ 53.30"	268.98′	537.66′	N 87° 42′ 01.79" E	537.51′	10+00.00	15+37.66	S 89° 55′ 47.39" E	N 85° 19′ 50.97" E
	DCEN_2	27+13.27	7,131,522.59	2,482,592.74	81° 37′ 40.74" LT	910.00′	6° 17′ 46.46"	785.88′	1,296.46′	N 44° 31′ 00.60" E	1,189.56′	19+27.39	32+23.84	N 85° 19′ 50.97" E	N 3° 42′ 10.23" E
DCNW	DCNW_1	20+68.30	7,131,586.35	2,482,651.75	83° 03′ 33.55" LT	910.00′	6° 17′ 46.46"	805.94′	1,319.19′	N 44° 57′ 20.00" W	1,206.67′	12+62.36	25+81.55	N 3° 25′ 33.22" W	N 86° 29′ 06.78" W
DCWS	DCWS_1	20+36.61	7,131,610.95	2,482,526.44	85° 13′ 04.68" LT	910.00′	6° 17′ 46.46"	837.05′	1,353.47′	S 43° 47′ 51.39" W	1,232.12′	11+99.56	25+53.03	S 86° 24′ 23.73" W	S 1° 11′ 19.05" W
DCSE	DCSE_1	23+44.68	7,131,414.22	2,482,426.46	90° 52′ 36.63" LT	910.00′	6° 17′ 46.46"	924.03′	1,443.35′	S 44° 53′ 10.26" E	1,296.74′	14+20.65	28+64.00	S 0° 33′ 08.06" W	N 89° 40′ 31.43" E
DCNE	DCNE_5	44+68.04	7,131,382.07	2,482,723.18	89° 20′ 57.57" RT	725.00′	7° 54′ 10.32"	716.81′	1,130.59′	N 44° 14′ 55.56" E	1,019.47′	37+51.23	48+81.82	N 0° 25′ 33.22" W	N 88° 55′ 24.35" E
	DCNE_6	55+34.11	7,131,407.79	2,484,092.04	1° 24′ 00.00" RT	4,700.00′	1° 13′ 08.61"	57.42′	114.84′	N 89° 37′ 24.35" E	114.84′	54+76.69	55+91.53	N 88° 55′ 24.35" E	S 89° 40′ 35.65" E
	DCNE_7	65+05.93	7,131,402.31	2,485,063.85	3° 39′ 34.22" RT	4,700.00′	1° 13′ 08.61"	150.15′	300.19′	S 87° 50′ 48.54" E	300.14′	63+55.79	66+55.98	S 89° 40′ 35.65" E	S 86° 01′ 01.43" E
	DCNE_8	68+81.99	7,131,376.18	2,485,439.11	3° 58′ 58.57" LT	6,500.00′	0° 52′ 53.30"	226.02′	451.85′	S 88° 00′ 30.71" E	451.76′	66+55.98	71+07.83	S 86° 01′ 01.43" E	Due East
DCENML	DCENML_1	11+33.30	7,131,410.10	2,485,104.53	2° 20′ 59.15" LT	6,500.00′	0° 52′ 53.30"	133.30′	266.57′	N 89° 50′ 52.25" E	266.55′	10+00.00	12+66.57	S 88° 58′ 38.18" E	N 88° 40′ 22.68" E
	DCENML_2	13+17.50	7,131,414.37	2,485,288.71	1° 14′ 29.72" RT	4,700.00′	1° 13′ 08.61"	50.93′	101.85′	N 89° 17′ 37.53" E	101.85′	12+66.57	13+68.42	N 88° 40′ 22.68" E	N 89° 54′ 52.39" E
DCWN	DCWN_1	16+46.56	7,131,742.83	2,482,644.43	86° 56′ 39.15" RT	682.00′	8° 24′ 04.11"	646.56′	1,034.91′	N 41° 16′ 09.35" W	938.43′	10+00.00	20+34.91	N 84° 44′ 28.92" W	N 2° 12′ 10.23" E
CDWWFR	CDWWFR_1	10+27.55	7,131,685.46	2,484,858.12	0° 33′ 13.63" LT	5,700.00′	1° 00′ 18.68"	27.55′	55.09′	S 88° 12′ 08.82" E	55.09′	10+00.00	10+55.09	S 87° 55′ 32.00" E	S 88° 28′ 45.63" E
	CDWWFR_2	14+08.86	7,131,675.34	2,485,239.30	0° 49′ 27.11" LT	5,700.00′	1° 00′ 18.68"	41.00′	81.99′	S 88° 53′ 29.19" E	81.99′	13+67.86	14+49.86	S 88° 28′ 45.63" E	S 89° 18′ 12.74" E
CDWWML	CDWWML_1	10+43.82	7,131,679.55	2,483,331.90	7° 21′ 07.35" LT	682.00′	8° 24′ 04.11"	43.82′	87.51′	S 88° 25′ 02.60" E	87.45′	10+00.00	10+87.51	S 84° 44′ 28.92" E	N 87° 54′ 23.73" E
	CDWWML_2	18+85.00	7,131,710.29	2,484,172.64	4° 10′ 04.27" RT	7,900.00′	0° 43′ 30.95"	287.46′	574.67′	N 89° 59′ 25.86" E	574.54′	15+97.54	21+72.21	N 87° 54′ 23.73" E	S 87° 55′ 32.00" E
	CDWWML_3	28+86.46	7,131,674.03	2,485,173.70	1° 14′ 56.11" RT	7,900.00′	0° 43′ 30.95"	86.10′	172.20′	S 87° 18′ 03.95" E	172.20′	28+00.36	29+72.56	S 87° 55′ 32.00" E	S 86° 40′ 35.89" E
RSE380	RSE380_2	28+14.53	7,131,124.87	2,482,418.82	5° 12′ 00.71" RT	1,050.00′	5° 27′ 24.27"	47.68′	95.30′	N 3° 01′ 34.34" W	95.27′	27+66.85	28+62.14	N 5° 37′ 34.69" W	N 0° 25′ 33.98" W
UDTW	UDTW_1	10+70.15	7,131,391.48	2,482,348.83	90° 07′ 27.07" LT	70.00′	81° 51′ 04.01"	70.15′	110.11′	N 44° 38′ 09.55" E	99.10′	10+00.00	11+10.11	N 89° 41′ 53.09" E	N 0° 25′ 33.98" W
	UDTW_2	13+46.98	7,131,698.50	2,482,346.55	89° 38′ 36.46" LT	70.00′	81° 51′ 04.01"	69.57′	109.52′	N 45° 14′ 52.21" W	98.69′	12+77.42	13+86.94	N 0° 25′ 33.98" W	S 89° 55′ 49.56" W
UDTE	UDTE_1	10+70.41	7,131,666.04	2,482,817.11	90° 20′ 03.70" LT	70.00′	81° 51′ 03.95"	70.41′	110.36′	S 44° 44′ 28.68" W	99.28′	10+00.00	11+10.36	S 89° 54′ 30.54" W	S 0° 25′ 33.17" E
	UDTE_2	13+46.05	7,131,359.95	2,482,818.37	90° 42′ 01.47" LT	70.00′	81° 51′ 04.01"	70.86′	110.81′	S 44° 57′ 27.22" E	99.60′	12+75.19	13+86.00	S 0° 23′ 33.51" W	N 89° 41′ 32.04" E
UDPN	UDPN_1	10+69.57	7,131,757.62	2,482,447.11	89° 38′ 34.24" LT	70.00′	81° 51′ 04.01"	69.57′	109.52′	S 45° 14′ 51.10" E	98.69′	10+00.00	11+09.52	S 0° 25′ 33.98" E	N 89° 55′ 51.78" E
	UDPN_2	13+27.26	7,131,757.97	2,482,734.42	90° 21′ 24.97" LT	70.00′	81° 51′ 04.01"	70.44′	110.39′	N 44° 45′ 09.29" E	99.30′	12+56.83	13+67.22	N 89° 55′ 51.78" E	N 0° 25′ 33.19" W
UDPS	UDPS_1	10+68.90	7,131,271.41	2,482,713.98	89° 05′ 46.26" LT	70.00′	81° 51′ 04.01"	68.90′	108.85′	N 45° 45′ 13.78" W	98.21′	10+00.00	11+08.85	N 1° 12′ 20.65" W	S 89° 41′ 53.09" W
	UDPS_2	13+22.19	7,131,269.92	2,482,431.74	90° 07′ 27.07" LT	70.00′	81° 51′ 04.01"	70.15′	110.11′	S 44° 38′ 09.55" W	99.10′	12+52.04	13+62.15	S 89° 41′ 53.09" W	S 0° 25′ 33.98" E

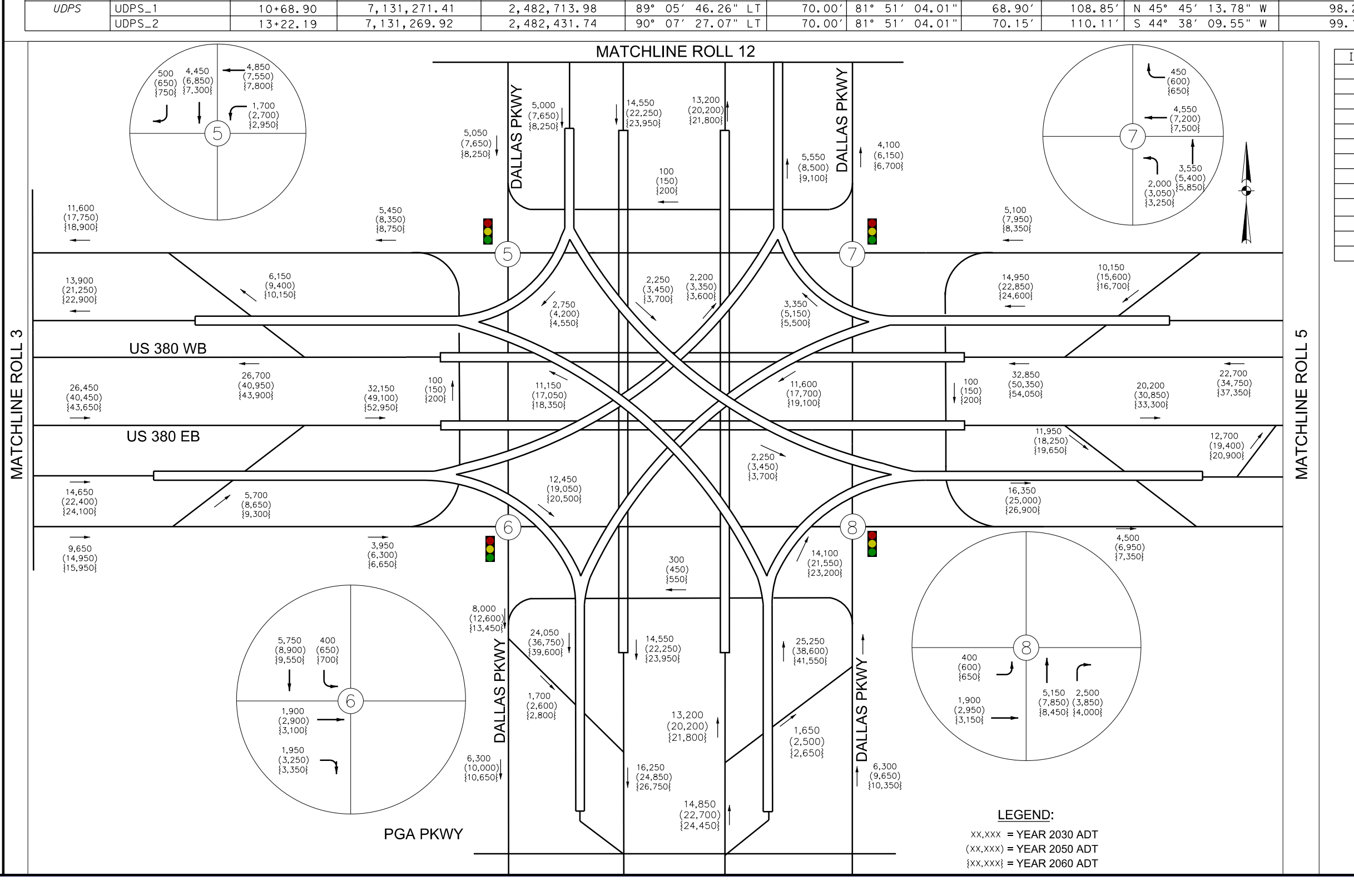
SUPERELEVATION TRANSITION AND CROSS-SLOPE TABLE

ALIGNMENT	BEGIN TRANSITION		END TRANSITION	
	STA	e	STA	e
DCES	38+01.00	-2.00%	39+28.00	-6.00%
CDWWML	10+75.00	5.70%	11+93.00	2.00%
DCEN	17+66.00	-2.00%	19+68.00	5.60%
DCNE	48+70.00	-5.60%	49+85.00	-2.00%
DCNW	25+47.00	5.60%	27+20.00	-2.00%
DCSE	28+23.00	5.60%	30+25.00	-2.00%
DCSW	61+65.00	-5.70%	62+56.00	-2.00%
DCSW	65+14.00	-2.00%	67+73.00	5.60%
DCSW	68+24.00	5.60%	70+83.00	-2.00%
DCWS	10+38.00	-2.00%	12+40.00	5.60%
380EFR01	2117+79.00	-2.00%	2118+58.00	-0.80%
380EFR01	2120+78.00	-0.80%	2120+83.00	-0.86%
380EFR01	2124+70.00	-0.86%	2125+05.00	-2.00%
380WFR01	3115+36.00	2.00%	3116+85.00	-0.80%
380WFR01	3120+50.00	-0.80%	3121+09.00	0.30%
380WFR01	3122+96.00	0.30%	3124+09.00	2.00%
REE02	13+16.00	-2.00%	13+31.00	-2.50%
REX02	14+89.71	-2.50%	18+87.00	-2.50%
REX02	18+87.00	-2.50%	19+02.00	-2.00%

SUPERELEVATION SIGN CONVENTION

(-)	℄/Ɓ (+)
(+)	(-)

TURN LANE	TAPER LENGTH	DECEL LENGTH	STORAGE LENGTH	TOTAL LENGTH
LEFT TURN BAY LENGTHS				
L05	200′	345′	196′	541′
L06	291′	345′	319′	664′
RIGHT TURN BAY LENGTHS				
R10	100′	345′	441′	786′
R11	100′	230′	100′	330′
R12	100′	345′	105′	450′



ID #	SITE ADDRESS	OWNER	OCCUPANT
43A	PROSPER TX 75078	CHILDREN'S HEALTH SYSTEM OF TEXAS	
43B	1300 CHILDRENS WAY PROSPER TX 75078	CHILDREN'S HEALTH SYSTEM OF TEXAS	
43C	PROSPER TX 75078	CHILDREN'S HEALTH SYSTEM OF TEXAS	
44	FRISCO TX	FRISCO ECONOMIC DEVELOPMENT	
45	6955 US 380 FRISCO TX 75033	CNMK TEXAS PROPERTIES LLC	
46	7073 US 380 FRISCO TX 75033	CNMK TEXAS PROPERTIES LLC	
47	6969 US 380 FRISCO TX 75033	CNMK TEXAS PROPERTIES LLC	
48	6865 US 380 FRISCO TX 75033	CENTRA FRISCO REALTY LLC	
49	PROSPER TX 75078	GODWIN INVESTMENTS LTD	
50	UNIVERSITY DR W PROSPER TX 75078	GODWIN INVESTMENTS LTD	
51	401 GATES PKWY PROSPER TX 75078	289 (PRESTON) & 380 LP	
52	PROSPER TX 75078	289 (PRESTON) & 380 LP	
53	US 380 PROSPER TX 75078	183 LAND CORP	

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
CEASON CLEMENS, 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: 5.969 MILES
DATE: SEPTEMBER 2022
ROLL 4 OF 26
ROADWAY / DESIGN SPEED / FUNCTIONAL CLASSIFICATION
US 380 70 MPH URBAN FREEWAY
US 380 TRANSITION FROM URBAN ARTERIAL TO URBAN FREEWAY (380ML STA 998+23.00 TO 1011+61.80) 45 MPH URBAN ARTERIAL
US 380 TRANSITION FROM URBAN FREEWAY TO URBAN ARTERIAL (380ML-ALT STA 1287+65.50 TO 1302+06.85) 45 MPH URBAN ARTERIAL
DALLAS NORTH TOLLWAY 70 MPH URBAN FREEWAY
SH 289 (PRESTON RD) 45 MPH URBAN ARTERIAL
MAHARD PKWY 40 MPH COLLECTOR STREET
CROSS STREETS 40 MPH LOCAL STREETS
FRONTAGE ROADS 45 MPH URBAN ARTERIAL
RAMPS 45 MPH URBAN FREEWAY
DIRECT CONNECTORS 40 MPH URBAN FREEWAY
U-TURNS 20 MPH URBAN ARTERIAL
PROSPER COMMONS BLVD 25 MPH LOCAL STREETS
BEGIN US 380 PROJECT CSJ: 0135-10-065 STA 998+23.00
END CSJ: 0135-10-065 BEGIN CSJ: 0135-11-024 STA 1062+12.66
END CSJ: 0135-11-024 BEGIN CSJ: 0135-02-068 STA 1178+98.34
END US 380 PROJECT CSJ: 0135-02-068 STA 1313+44.33
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 & PROFILE VIEW US 380 ALT EAST END
ROLL 10: PLAN VIEW DNT BEGIN PROJECT TO STA 1687+00
ROLL 11: PLAN VIEW DNT STA 1687+00 TO END PROJECT
ROLL 12: PLAN & PROFILE VIEW 289 BEGIN PROJECT TO END PROJECT
ROLL 13: PROFILE VIEW-US 380 EBFR BEGIN PROJECT TO STA 2196+00
ROLL 14: PROFILE VIEW-US 380 EBFR STA 2196+00 TO END PROJECT
ROLL 15: PROFILE VIEW-US 380 WBFR BEGIN PROJECT TO STA 3196+00
ROLL 16: PROFILE VIEW-US 380 WBFR STA 3196+00 TO END PROJECT
ROLL 17: PROFILE VIEW-US 380 ALT FR PROFILES EAST END
ROLL 18: PROFILE VIEW-DIRECT CONNECTORS
ROLL 19: PROFILE VIEW-DIRECT CONNECTORS
ROLL 20: PROFILE VIEW-DIRECT CONNECTORS
ROLL 21: PROFILE VIEW-DIRECT CONNECTORS
ROLL 22: PROFILE VIEW-RAMPS
ROLL 23: PROFILE VIEW-RAMPS
ROLL 24: PROFILE VIEW-CROSS STREETS
ROLL 25: PROFILE VIEW-U-TURNS
ROLL 26: PROFILE VIEW-DNT
TEXAS COUNTY MAP N.T.S.
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LICENSE NO. 111427 DATE: 12/16/2022
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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