Pen Table: 123912 - US 380 EIS Pentable.tbl
Design Filename: ...\US380-HDR-SCH-PP-C03-PH.dgn

Texas Department of Transportation

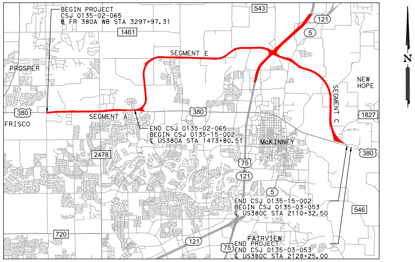
DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

PUBLIC HEARING DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

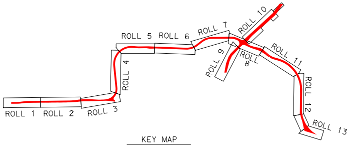
CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIV DR
CSJ 0135-15-002
FROM JCT US 380/W UNIVERSITY DR (W OF MCKINNEY) TO JCT US 380/E UNIVERSITY DR (E OF MCKINNEY)
CSJ 0135-03-053
FROM SH5 (NEW EXT OF SP399) TO FM 1827

SEGMENT A LENGTH: 5.47 MILES
SEGMENT E LENGTH: 5.61 MILES
SEGMENT C LENGTH: 4.21 MILES

ROADWAY	FUNCTIONAL CLASS.	DESIGN SPEED	eMAX
US 380 MAINLANES	URBAN FREEWAY	60 MPH	6%
RAMPS	URBAN FREEWAY	45 MPH	6%
DIRECT CONNECTOR	URBAN FREEWAY	40 MPH	6%
COLLECTOR DISTR	URBAN FREEWAY	45 MPH	6%
FRONTAGE RD	URBAN COLLECTOR	45 MPH	2%
CROSS STREET	VARIES	30 MPH	2%
MINOR SIDE ST	VARIES	20 MPH	2%
TURNAROUNDS	URBAN MINOR COLLECTOR	20 MPH	2%


BEGIN PROJECT
CSJ 0135-02-065
℄ FR 380A WB STA 3297+97.31
543
121
5
1461
SEGMENT E
PROSPER
380
FRISCO
SEGMENT A
END CSJ 0135-02-065
BEGIN CSJ 0135-15-002
℄ US380A STA 1473+80.51
McKINNEY
SEGMENT C
NEW HOPE
1827
2478
75
END CSJ 0135-15-002
BEGIN CSJ 0135-03-053
℄ US380C STA 2110+32.50
546
720
FAIRVIEW
END PROJECT
END CSJ 0135-03-053
℄ US380C STA 2128+25.00
N

LOCATION MAP
NOT TO SCALE


ROLL 1
ROLL 2
ROLL 3
ROLL 4
ROLL 5
ROLL 6
ROLL 7
ROLL 8
ROLL 9
ROLL 10
ROLL 11
ROLL 12
ROLL 13

KEY MAP
NOT TO SCALE

SCHEMATIC PREPARED BY:	
DAVID SUTTON	120142
NAME	P.E. NUMBER
01/04/2023	
DATE	

PRELIMINARY

NOT INTENDED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES AND SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.

JANUARY 2023

HDR
Firm Registration No. F-754

17111 Preston Road, Suite 300
Dallas, Texas 75248-1229
972.960.4400

HORZ SCALE
0 50 100 200
VERT SCALE
0 5 10 20

ROLL 13 OF 13

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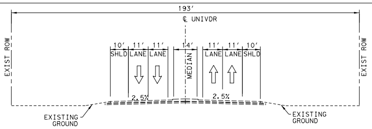
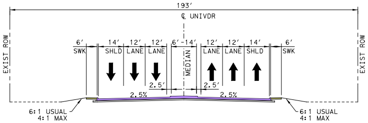
TYPICAL SECTIONS LEGEND:

⇨	EXISTING LANE DIRECTION OF TRAVEL
→	PROPOSED LANE DIRECTION OF TRAVEL
▬	EXISTING ROADWAY TO REMAIN
▬	PROPOSED BRIDGE
▬	PROPOSED MAINLANES
▬	PROPOSED RAMPS
▬	PROPOSED FRONTAGE ROADS
▬	PROPOSED CROSS STREETS
▬	PROPOSED SHARED USE PATH (SUP) OR SIDEWALK

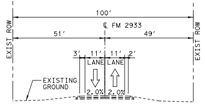
NOTES:
CTB: CONCRETE TRAFFIC BARRIER
CTR: CONCRETE TRAFFIC RAIL
(CTR NOT REQUIRED WHEN ADEQUATE CLEAR ZONE PROVIDED)


193′
℄ UNIVDR
EXIST ROW
10′ 11′ 11′ 14′ 11′ 11′ 10′
SHLD LANE LANE MEDIAN LANE LANE SHLD
2.5%
2.5%
EXISTING GROUND
EXISTING GROUND
EXIST ROW

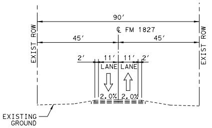
EXISTING UNIVERSITY DR/US 380
US 380 SEGMENT C


193′
℄ UNIVDR
EXIST ROW
6′ 14′ 12′ 12′ 6′-14′ 12′ 12′ 14′ 6′
SWK SHLD LANE LANE MEDIAN LANE LANE SHLD SWK
2.5′
2.5′
2.5%
2.5%
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
EXIST ROW

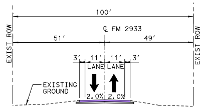
PROPOSED UNIVERSITY DR
US 380 SEGMENT C


100′
℄ FM 2933
51′
49′
EXIST ROW
3′ 11′ 11′ 2′
LANE LANE
2.0% 2.0%
EXISTING GROUND
EXIST ROW

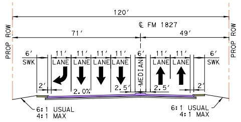
EXISTING FM 2933
US 380 SEGMENT C


90′
℄ FM 1827
45′
45′
EXIST ROW
2′ 11′ 11′ 2′
LANE LANE
2.0% 2.0%
EXISTING GROUND
EXIST ROW

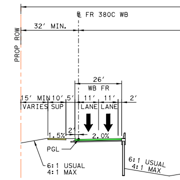
EXISTING FM 1827
US 380 SEGMENT C

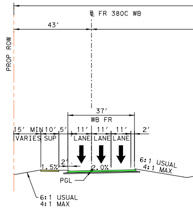

100′
℄ FM 2933
51′
49′
EXIST ROW
3′ 11′ 11′ 3′
LANE LANE
2.0% 2.0%
EXISTING GROUND
EXIST ROW

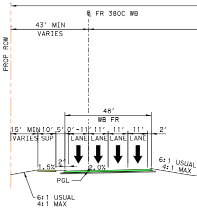
PROPOSED FM 2933
US 380 SEGMENT C


120′
℄ FM 1827
71′
49′
PROP ROW
6′ 11′ 11′ 11′ 11′ 6′ 11′ 11′ 6′
SWK LANE LANE LANE LANE MEDIAN LANE LANE SWK
2′
2.0%
2.5′
2.5′
2′
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
PROP ROW

PROPOSED FM 1827
US 380 SEGMENT C


℄ FR 380C WB
PROP ROW
32′ MIN.
26′
WB FR
15′ MIN 10′ 5′ 11′ 11′ 2′
VARIES SUP LANE LANE
1.5%
2′
2.0%
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX

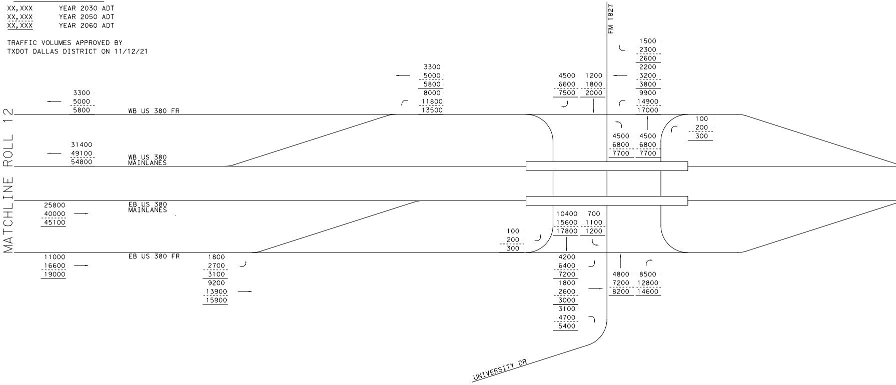

℄ FR 380C WB
43′
PROP ROW
37′
WB FR
15′ MIN 10′ 5′ 11′ 11′ 11′ 2′
VARIES SUP LANE LANE LANE
1.5%
2′
2.0%
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX


℄ FR 380C WB
43′ MIN
VARIES
PROP ROW
48′
WB FR
15′ MIN 10′ 5′ 0′-11′ 11′ 11′ 11′ 2′
VARIES SUP LANE LANE LANE LANE
1.5%
2′
2.0%
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX

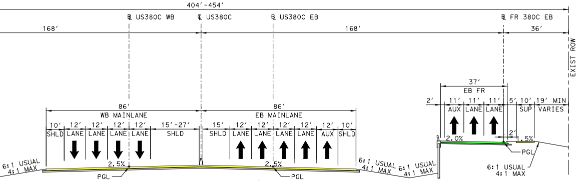
TRAFFIC LEGEND:

XX,XXX	YEAR 2030 ADT
XX,XXX	YEAR 2050 ADT
XX,XXX	YEAR 2060 ADT

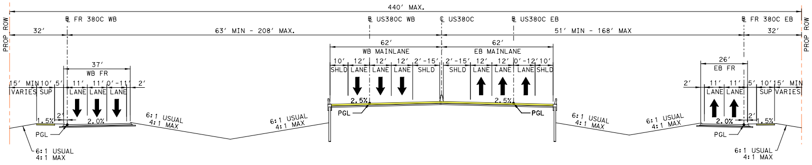
TRAFFIC VOLUMES APPROVED BY
TXDOT DALLAS DISTRICT ON 11/12/21


MATCHLINE ROLL 12
FM 1827
3300
5000
5800
WB US 380 FR
31400
49100
54800
WB US 380 MAINLANES
25800
40000
45100
EB US 380 MAINLANES
11000
16600
19000
EB US 380 FR
1800
2700
3100
9200
13900
15900
3300
5000
5800
8000
11800
13500
4500
6600
7500
1200
1800
2000
1500
2300
2600
2200
3200
3800
9900
14900
17000
100
200
300
4500
6800
7700
4500
6800
7700
10400
15600
17800
700
1100
1200
100
200
300
4200
6400
7200
1800
2600
3000
3100
4700
5400
4800
7200
8200
8500
12800
14600
UNIVERSITY DR

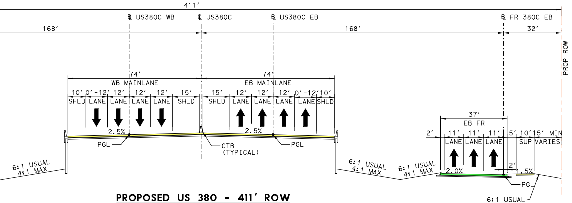
Plotted on: 2/10/2023
Scale: 1:100


404'-454'
BL US380C WB
℄ US380C
BL US380C EB
BL FR 380C EB
168'
168'
36'
EXIST ROW
86'
WB MAINLANE
10' 12' 12' 12' 12' 15'-27'
SHLD LANE LANE LANE LANE SHLD
86'
EB MAINLANE
15' 12' 12' 12' 12' 12' 10'
SHLD LANE LANE LANE LANE AUX SHLD
2.5%
2.5%
PGL
PGL
37'
EB FR
2' 11' 11' 11' 5' 10' 19' MIN
AUX LANE LANE SUP VARIES
2.0%
2'
1.5%
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX

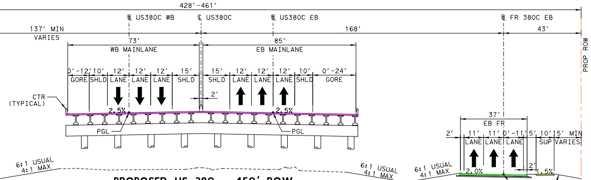
PROPOSED US 380 - 407' ROW
8 LN ML, 2 LN FR
STA 2031+00.00 TO STA 2053+39.62


440' MAX.
PROP ROW
PROP ROW
BL FR 380C WB
BL US380C WB
℄ US380C
BL US380C EB
BL FR 380C EB
32'
63' MIN - 208' MAX.
51' MIN - 168' MAX
32'
62'
WB MAINLANE
10' 12' 12' 12' 2'-15'
SHLD LANE LANE LANE SHLD
62'
EB MAINLANE
2'-15' 12' 12' 0'-12' 10'
SHLD LANE LANE LANE SHLD
2.5%
2.5%
PGL
PGL
37'
WB FR
15' MIN 10' 5' 11' 11' 0'-11' 2'
VARIES SUP LANE LANE LANE
1.5%
2'
2.0%
PGL
26'
EB FR
2' 11' 11' 5' 10' 15' MIN
LANE LANE SUP VARIES
2'
2.0%
1.5%
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX

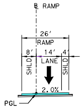
PROPOSED US 380 - 440' ROW
INTERSECTION APPROACH
6 LN ML, 3 LN FR
STA 2103+70.00 TO STA 2121+13.38


411'
BL US380C WB
℄ US380C
BL US380C EB
BL FR 380C EB
168'
168'
32'
PROP ROW
74'
WB MAINLANE
10' 0'-12' 12' 12' 12' 15'
SHLD LANE LANE LANE LANE SHLD
74'
EB MAINLANE
15' 12' 12' 12' 0'-12' 10'
SHLD LANE LANE LANE LANE SHLD
2.5%
2.5%
PGL
PGL
CTB
(TYPICAL)
37'
EB FR
2' 11' 11' 11' 5' 10' 15' MIN
LANE LANE LANE SUP VARIES
2.0%
2'
1.5%
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX

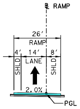
PROPOSED US 380 - 411' ROW
6 LN ML, 3 LN FR
STA 2053+39.62 TO STA 2085+00.00


428'-461'
BL US380C WB
℄ US380C
BL US380C EB
BL FR 380C EB
137' MIN
VARIES
168'
43'
PROP ROW
73'
WB MAINLANE
0'-12' 10' 12' 12' 12' 15'
GORE SHLD LANE LANE LANE SHLD
85'
EB MAINLANE
15' 12' 12' 12' 10' 0'-24'
SHLD LANE LANE LANE SHLD GORE
2'
CTR
(TYPICAL)
2.5%
2.5%
PGL
PGL
37'
EB FR
2' 11' 11' 0'-11' 5' 10' 15' MIN
LANE LANE LANE SUP VARIES
2.0%
2'
1.5%
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX

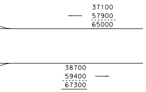
PROPOSED US 380 - 450' ROW
6 LN ML, 3 LN FR
STA 2085+00.00 TO STA 2103+70.00


BL RAMP
26'
RAMP
8' 14' 4'
SHLD LANE SHLD
2.0%
PGL

PROPOSED US 380
1 LN WB RAMP


BL RAMP
26'
RAMP
4' 14' 8'
SHLD LANE SHLD
2.0%
PGL

PROPOSED US 380
1 LN EB RAMP


37100
57900
65000
38700
59400
67300

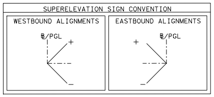
PROJECTED FUTURE TRAFFIC VOLUME DIAGRAM
THE TRAFFIC DIAGRAM IS FOR ILLUSTRATION PURPOSES ONLY.
REFER TO THE SCHEMATIC PLAN VIEW FOR ROADWAY
CONFIGURATIONS AND LOCATIONS.

US 380 – SEGMENT C

HORIZONTAL CURVE DATA											
ALIGNMENT	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PC STATION	PT STATION	PI STATION	PI NORTHING (Y)	PI EASTING (X)
CL_US380C (70MPH)	CL_US380C_4	68° 54′ 59.61"	0° 58′ 16.01"	4,048.64′	7,096.64′	5,900.00′	2037+50.36	2108+47.01	2077+99.00	7,126,459.35	2,554,956.84
	CL_US380C_5	4° 3′ 45.82"	2° 11′ 24.74"	92.79′	185.50′	2,616.00′	2108+47.01	2110+32.50	2109+39.79	7,124,906.84	2,558,796.25
BL_US380C_EB (70MPH)	BL_US380C_EB_4	66° 28′ 44.98"	0° 57′ 52.47"	3,892.89′	6,892.06′	5,940.00′	2036+83.85	2105+75.91	2075+76.74	7,126,615.73	2,554,919.38
BL_US380C_WB (70MPH)	BL_US380C_WB_4	68° 54′ 59.61"	0° 58′ 39.88"	4,021.19′	7,048.53′	5,860.00′	2038+16.85	2108+65.38	2078+38.03	7,126,486.14	2,554,997.28
FR_380C_EB01 (45 MPH)	FR_380C_EB01_4	30° 6′ 2.20"	0° 56′ 39.22"	1,631.63	3,187.85	6,068.00	3034+83.00	3066+70.85	3051+14.62	7,128,878.77	2,554,828.22
	FR_380C_EB01_5	5° 48′ 47.95"	2° 51′ 53.24"	101.55	202.92	2,000.00	3066+70.85	3068+73.77	3067+72.40	7,127,365.37	2,555,672.91
	FR_380C_EB01_6	19° 32′ 0.65"	2° 51′ 53.24"	344.27	681.85	2,000.00	3068+73.77	3075+55.62	3072+18.04	7,126,956.08	2,555,849.64
	FR_380C_EB01_7	29° 39′ 30.22"	7° 9′ 43.10"	211.81	414.11	800.00	3084+57.48	3088+71.59	3086+69.29	7,125,887.87	2,556,841.85
FR_380C_EB02 (45 MPH)	FR_380C_EB02_1	13° 53′ 54.27"	3° 49′ 10.99"	182.83	363.86	1,500.00	27+53.55	31+17.41	29+36.38	7,125,220.97	2,557,718.88
	FR_380C_EB02_2	11° 27′ 48.44"	1° 23′ 10.68"	414.84	826.91	4,133.00	31+17.41	39+44.32	35+32.25	7,124,916.11	2,558,232.95
	FR_380C_EB02_3	12° 25′ 45.40"	2° 51′ 53.24"	217.79	433.86	2,000.00	48+31.05	52+64.92	50+48.84	7,124,416.31	2,559,667.75
FR_380C_WB01 (45 MPH)	FR_380C_WB01_5	33° 11′ 48.10"	0° 59′ 58.48"	1,708.60	3,321.07	5,732.00	4040+62.21	4073+83.28	4057+70.81	7,128,796.34	2,555,162.92
	FR_380C_WB01_6	8° 35′ 48.14"	1° 29′ 28.68"	288.77	576.46	3,842.00	4073+83.28	4079+59.74	4076+72.05	7,127,107.36	2,556,229.15
	FR_380C_WB01_7	24° 47′ 48.05"	2° 50′ 56.83"	442.09	870.33	2,011.00	4089+79.38	4098+49.71	4094+21.47	7,125,783.44	2,557,374.36
	FR_380C_WB01_8	16° 40′ 13.38"	1° 54′ 35.49"	439.53	872.86	3,000.00	4112+68.72	4121+41.58	4117+08.26	7,124,835.13	2,559,470.45
FR_380C_WB02 (45 MPH)	FR_380C_WB02_1	20° 0′ 0.00"	5° 12′ 31.35"	193.96	383.97	1,100.00	15+80.53	19+64.50	17+74.49	7,125,647.18	2,556,633.82
	FR_380C_WB02_2	27° 34′ 20.39"	5° 12′ 31.35"	269.90	529.35	1,100.00	24+28.32	29+57.67	26+98.22	7,125,699.44	2,557,560.04
FR_380C_WB03 (45 MPH)	FR_380C_WB03_1	27° 37′ 51.56"	5° 27′ 24.27"	258.21	506.36	1,050.00	10+00.00	15+06.36	12+58.21	7,126,018.79	2,557,156.24
RP_E380_EBEX (45 MPH)	RP_E380_EBEX_2	6° 39′ 13.53"	2° 56′ 50.33"	113.01	225.76	1,944.00	26+26.21	28+51.97	27+39.22	7,128,771.11	2,555,098.52
RP_NEWI_EBEN (45 MPH)	RP_NEWI_EBEN_1	10° 34′ 51.26"	5° 27′ 24.27"	97.23	193.91	1,050.00	10+00.00	11+93.91	10+97.23	7,127,378.40	2,555,687.40
FR_TRAN_EB (45 MPH)	FR_TRAN_EB_1	15° 50′ 31.46"	1° 52′ 53.89"	423.67	841.93	3,045.00	10+00.00	18+41.93	14+23.67	7,124,513.08	2,559,389.93
	FR_TRAN_EB_2	14° 35′ 24.88"	5° 27′ 24.27"	134.42	267.38	1,050.00	18+41.93	21+09.31	19+76.35	7,124,480.34	2,559,947.06
RP_E380_WBEN (45 MPH)	RP_E380_WBEN_1	14° 39′ 20.35"	1° 50′ 53.70"	398.65	792.95	3,100.00	10+00.00	17+92.95	13+98.65	7,127,915.86	2,555,631.41
FR_TRAN_WB (45 MPH)	FR_TRAN_WB_1	14° 7′ 44.20"	5° 27′ 24.27"	130.12	258.93	1,050.00	10+00.00	12+58.93	11+30.12	7,124,980.70	2,559,148.70
	FR_TRAN_WB_2	20° 31′ 5.34"	5° 10′ 15.96"	200.54	396.79	1,108.00	12+58.93	16+55.71	14+59.47	7,124,774.98	2,559,407.59
CL_CR332 (30 MPH)	CL_CR332_2	88° 59′ 45.28"	95° 29′ 34.68"	58.96	93.20	60.00	14+19.58	15+12.77	14+78.53	7,129,079.85	2,554,822.21
CL_ESFM2933 (30 MPH)	CL_ESFM2933_1	14° 32′ 40.36"	5° 27′ 24.27"	133.99	266.54	1050.00	10+98.94	13+65.48	12+32.93	7,129,083.26	2,555,585.70
CL_FM1827 (30 MPH)	CL_FM1827_1	34° 20′ 4.49"	11° 27′ 32.96"	154.46	299.63	500.00	12+06.43	15+06.06	13+60.89	7,126,899.81	2,556,885.86
	CL_FM1827_2	79° 56′ 44.82"	16° 22′ 12.80"	293.40	488.36	350.00	15+06.06	19+94.42	17+99.46	7,126,950.71	2,557,330.83
CL_CR330 (30 MPH)	CL_CR330_1	51° 58′ 22.57"	16° 16′ 37.96"	171.58	319.3	352	10+76.48	13+95.78	12+48.06	7,125,354.74	2,559,034.36

SUPERELEVATION DATA		
CHAIN NAME	STATION	CROSS SLOPE
BL_US380C_EB	2107+72.00	-3.30%
	2110+52.00	2.50%
BL_US380C_WB	2108+57.00	3.30%
	2108+97.00	2.50%
RP_NEWI_EBEN	13+01.00	2.00%
	15+78.00	-3.30%
FR_TRAN_EB	18+99.00	2.00%
	19+26.00	2.50%
RP_E380_WBEN	17+72.00	3.30%
	18+41.00	2.00%
FR_TRAN_WB	14+25.00	2.00%
	14+52.00	2.50%

SUPERELEVATION SIGN CONVENTION


WESTBOUND ALIGNMENTS
℄/PGL
+
–
EASTBOUND ALIGNMENTS
℄/PGL
+
–

PROPERTY OWNERS DATA			
PARCEL NO.	OWNER'S NAME	ADDRESS	OCCUPANT
424	MCKINNEY HILL PARK LLC	924 S BELT LINE RD	RESIDENTIAL
428	MCKINNEY HILL PARK LP	826 MANGO CT	VACANT LAND
431	MCBROOM JOHN THOMAS	2571 COUNTY ROAD 332	RESIDENTIAL
432	UECKER EUGENE	1643 FM 2933	RESIDENTIAL
433	UECKER EUGENE	1643 FM 2933	RESIDENTIAL
434	UECKER E EUGENE & DIANA S	1643 FM 2933	RESIDENTIAL
435	CAVE JAMES L & PATSY	1675 FM 2933	RESIDENTIAL
436	PAT VENTURES LLP	3402 SPRINGBRANCH DR	PEARLS WEDDING VENUE
437	PAT VENTURES LLP	3402 SPRINGBRANCH DR	RESIDENTIAL
438	MURLEY ADDIE JEAN	1836 COUNTY ROAD 329	RESIDENTIAL
439	SULLIVAN JIMMY & ANGELA	1834 COUNTY ROAD 329	RESIDENTIAL
440	SULLIVAN JIMMY & ANGELA	1834 COUNTY ROAD 329	VACANT LAND
441	PRINCE PEGGY	2566 COUNTY ROAD 332	RESIDENTIAL
442	PRINCE O'ANN SPENCER & GRADY M	2563 COUNTY ROAD 332	RESIDENTIAL
443	WILSON AMBER	2550 COUNTY ROAD 332	RESIDENTIAL
444	GARCIA LUCIO JOSE	2543 COUNTY ROAD 332	RESIDENTIAL
445	WEIBLEY RICHARD E & PAMELA D	2514 COUNTY ROAD 332	VACANT LAND
446	OWEN EDDY MIKE	4173 FM 2933	RESIDENTIAL
447	WEIBLEY RICHARD E & PAMELA D	2514 COUNTY ROAD 332	RESIDENTIAL
448	HASCAL RANDY J & LYNNE K &	1892 PEACOCK TRL	VACANT LAND
449	HASCAL LYNNE K	1892 PEACOCK TRL	FARM
450	SIFUENTES SALVADOR S ETAL	708 1ST AVE	RESIDENTIAL
451	WHITE HORSE RANCH LLC	2040 PEACOCK TRL	RESIDENTIAL
452	HASCAL RANDY J & LYNNE K	1892 PEACOCK TRL	RESIDENTIAL
453	OWEN MIKE &	2834 BANDIT TRL	FARM
454	FISHER TRUST	160 FISHER RD	RESIDENTIAL
455	MCKINNEY HILL PARK LLC	924 S BELT LINE RD	RESIDENTIAL
456	OWEN MIKE A/K/A EDDY MIKE OWEN &	2834 BANDIT TRL	FARM
457	MCKINNEY CITY OF	PO BOX 517	VACANT LAND
458	BROWN BILLY CHARLES	2163 E DAVE BROWN RD	VACANT LAND
459	DOUGLAS BRAD	227 E LOUISIANA ST	FARM
460	RANDALL PAULA HERRON	1185 FM 1827	RESIDENTIAL
461	GIRARD GIL & RACHEL OPPENHEIMER	1172 FM 1827	RESIDENTIAL
462	DONNELL STEPHEN F	1162 FM 1827	RESIDENTIAL
463	BLANCO CESAR ANTONIO	1134 FM 1827	RESIDENTIAL
464	CAMPBELL WAITE	1128 FM 1827	RESIDENTIAL
465	YU TIANHUA	2705 GOLDEN MEADOW CT	FARM
466	CALATX PROPERTIES LLC	2600 STILL SPRINGS DR	FARM
467	MONARCH GROUP LLC	5100 ELDORADO PKWY STE 102	LONE STAR WRECKER
468	CARROLL BILLY CLAUDE	2229 E UNIVERSITY DR	CARROLL'S AUTOMOTIVE
469	JOHNSON CURTIS L & DEBRA M	2273 E UNIVERSITY DR	RESIDENTIAL
470	MALDONADO MARTIN	860 S STATE HIGHWAY 5	VACANT LAND
471	MALDONADO MARTIN	860 S STATE HIGHWAY 5	COMMERCIAL
472	PATEL MALTI	2236 E UNIVERSITY DR	RESIDENTIAL
473	BLACK KELLY & AMY	2310 N WALNUT GROVE RD	OAKCREST
474	SERENO CARLOS	2425 COUNTY ROAD 564	RESIDENTIAL
475	SERENO SIMON	811 S MCDONALD ST	RESIDENTIAL
476	SERENO SIMON	811 S MCDONALD ST	VACANT LAND
477	DYNAMIX INVESTMENT LLC	20 BUCKINGHAM LN	INDUSTRIAL
478	RILEY DEBBIE TATE	4606 COUNTY ROAD 408	COLLIN COUNTY VSF
479	TEXAS RND LLC	2431 E UNIVERSITY DR	TEXAS METAL COMPANY
480	GAO XIAODONG & JIAQIAN DENG	2431 E UNIVERSITY DR	COMMERCIAL
481	TEXAS RND LLC	2431 E UNIVERSITY DR	TEXAS METAL COMPANY
482	GAO XIAODONG & JIAQIAN DENG	2431 E UNIVERSITY DR	TEXAS METAL COMPANY
483	HERNANDEZ GONZALO & ANTONIA A	2441 E UNIVERSITY DR	HERNANDEZ AUTO
484	HERNANDEZ GONZALO	2441 E UNIVERSITY DR	VACANT LAND
485	RODRIGUEZ ERNESTO F	PO BOX 68	RESIDENTIAL
486	GONZALES TERRY GLENN	2461 COUNTY ROAD 330	RESIDENTIAL
487	TREJO RUDDY & GLORIA	2155 STICKHORSE LN	RESIDENTIAL
488	COSTELLO LAWRENCE J & DALE	2495 COUNTY ROAD 330	RESIDENTIAL
489	OHM VERTEX LLX	8800 SANTA FE TRL	COMMERCIAL
490	RODRIGUEZ ERNESTO F	PO BOX 68	COMMERCIAL
491	HOPE 380 HOLDINGS LLC	4429 WHITE ROCK LN	FARM
492	PANNKUK BOBBY JR &	PO BOX 1309	FARM
493	P4 HOLDINGS LLC	3300 N A ST	TEXAS ARCHERY
494	WEBSTER RICKY JACK JR	2526 E UNIVERSITY DR	RESIDENTIAL
495	MASTER HALCO INC	3010 LYNDON B JOHNSON FWY STE 800	MASTER HALCO FENCE SYSTEM
496	BERHOW JEAN J	2539 COUNTY ROAD 330	RESIDENTIAL
497	AREVALO-FRANCO ARTURO	2115 STICKHORSE LN	RESIDENTIAL
498	BEST WAY PROPERTIES LLC	3616 TREE SHADOW TRL	RESIDENTIAL
499	OHM VERTEX LLX	8800 SANTA FE TRL	COMMERCIAL
500	COLLINS PROPERTY CO THE	PO BOX 578	AMERIGAS
501	AZAMI MOHAMMAD S &	1803 HACKBERRY BRANCH DR	PARKWAY AUTO SALES
502	RODRIGUEZ MAURO G	2735 E UNIVERSITY DR	COLLIN COUNTY TRUCK PARTS & DRIVE SHAFT SERVICE
503	OSTTEND LANDFILL LTD	2540 E UNIVERSITY DR	MCKINNEY LANDFILL
504	PHASE 17 INVESTMENTS LP	PO BOX 601638	FARM
505	NORTH COLLIN SPECIAL UTILITY DISTRICT	2333 SAM RAYBURN HWY	NORTH COLLIN WATER SUP CORF
506	NORTH COLLIN SPECIAL UTILITY DISTRICT	2333 SAM RAYBURN HWY	NORTH COLLIN WATER SUP CORF
507	WRIGHT FREDDIE	3200 NOTTINGHAM DR	COMMERCIAL
508	RAFAELOV MOSHE	6423 LINDEN LN	RESIDENTIAL
509	RAFAELOV MOSHE	11836 JUDD CT STE 322	RESIDENTIAL
510	IZAGUIRRE CRESENCIO	2784 COUNTY ROAD 330	RESIDENTIAL
511	MCCLELLAN BRADLEY	PO BOX 3027	RESIDENTIAL
512	MCCLELLAN AMY HINES	PO BOX 3027	RESIDENTIAL
513	MCCLELLAN AMY HINES	PO BOX 3027	VACANT LAND
514	COLLIN COUNTY RECYCLERS INC	2933 E UNIVERSITY DR	ROY MILLER AUTO SALVAGE
515	HOLLAND GERALD C	2126 FM 982	VIPER AUTO
516	MCCLELLAN AMY HINES	PO BOX 3027	THE AUTO HAIL
517	KAYASA HOLDINGS LLC	979 FOREST AVE	FARM
518	COLLIN COUNTY RECYCLERS INC	2933 E UNIVERSITY DR	VACANT LAND
519	SARVER MILDRED	2910 COUNTY ROAD 330	RESIDENTIAL
520	RELEMKE TRUST	2701 W 15TH ST STE 169	RESIDENTIAL
521	HERNANDEZ ALEJANDRO LOPEZ & MARIA DOLORES PAREDES CERVANTES	123 WILSON CREEK BLVD APT 29	RESIDENTIAL
522	APOSTOLIC CHURCH OF JESUS	PO BOX 1537	APOSTOLIC CHURCH OF JESUS C
523	KHORASAN PROPERTIES LLC	2675 E UNIVERSITY DR	COMMERCIAL
524	LAWSON LIVING TRUST	PO BOX 2304	VACANT LAND
525	STAPLETON ENTERPRISES INC	421 FOREST OAKS DR	COMMERCIAL
526	CALDWELL D L	PO BOX 812	RESIDENTIAL
527	STAPLETON ENTERPRISES INC	421 FOREST OAKS DR	COMMERCIAL
528	NESHYBA RYAN & MISTY	14263 COUNTY ROAD 830	RED RIVER AUTO AND 4-WHEEL
529	MCCLELLAN BILLY J & AMY &	PO BOX 3027	GEAR ONE AUTO BODY
530	MCCLELLAN BILLY JOEL & AMY GAIL	PO BOX 3027	380 RV & MINI STORAGE

GENERAL NOTES:

1. EXISTING FEATURES WERE PARTIALLY SURVEYED. SCHEMATICS ARE BASED ON PARTIAL FIELD SURVEY (2020-2021), AERIAL SURVEYS DATED DECEMBER 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 OF BOTH THE EB AND WB MAINLANES.
4. ALL SUPERELEVATION RATES WERE CALCULATED BASED ON USING A MAXIMUM SUPERELEVATION RATE OF 6%. SEE CHAPTER 2, SECTION 4 OF THE TXDOT ROADWAY DESIGN MANUAL FOR REFERENCE.
5. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
6. TRAVEL LANE WIDTHS SHOWN IN THE TYPICAL SECTIONS LESS THAN 10′ WIDE ARE DUE TO TRANSITIONS.
7. LOW SPEED ROADWAYS HAVE A NORMAL CROWN OF ±2% AND HIGH SPEED MAINLANES HAVE A NORMAL CROWN OF ±2.5% UNLESS NOTED OTHERWISE IN THE SUPERLEVATION TABLES.
8. MINOR CROSS STREET CORNER RADII ARE 25′ UNLESS NOTED OTHERWISE ON EACH SCHEMATIC ROLL.
9. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS (2011) WERE DOWNLOADED FROM COLLIN COUNTY'S WEBSITE.
10. PROPERTY LINES SHOWN ON SCHEMATIC OBTAINED FROM COLLIN COUNTY APPRAISAL DISTRICT (OCTOBER, 2022)
11. CURB RAMPS, SIDEWALKS AND SHARED USE PATHS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS AND SHARED USE PATHS ARE SHOWN ON TYPICAL SECTIONS.
12. EXISTING DRIVEWAY ACCESS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS.
13. BUILDINGS ARE CONSIDERED AS POTENTIAL DIRECT DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. BUILDINGS ARE CONSIDERED AS POTENTIAL INDUCED DISPLACEMENTS IF THE PROPOSED ROW DOES NOT PHYSICALLY INTERSECT THE EXISTING BUILDING STRUCTURE BUT FUNCTIONALLY IMPAIRS ITS OPERATION. ACTUAL DAMAGES TO THE BUILDING AND PROPERTY TO BE DETERMINED DURING THE ROW ACQUISITION PROCESS.
14. CURBS ON THE FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (5.75")UNLESS NOTED OTHERWISE.
15. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
16. WB-67 DESIGN VEHICLE WAS USED IN EVALUATION OF TURNING MOVEMENTS ON ARTERIAL AND COLLECTOR STREETS. A CITY BUS WAS USED ON SIDE STREETS AND RESIDENTIAL STREETS.
17. TURNAROUNDS WERE DESIGNED TO ACCOMMODATE A WB-67 DESIGN VEHICLE. CORNER RADII VARY PER INTERSECTION DUE TO THE DIFFERENCES IN SKEW.
18. TRAFFIC VOLUMES ON THE TRAFFIC DIAGRAM ARE BASED ON TRAFFIC COUNTS AND GROWTH RATES REVIEWED BY TP&P AND APPOVED BY THE DALLAS DISTRICT ON 11/13/2021.
19. AS PER TMUTCD REQUIREMENTS, A TRAFFIC SIGNAL WARRANT ANALYSIS WILL BE REQUIRED AFTER INTERSECTIONS ARE CONSTRUCTED TO JUSTIFY THE INSTALLATION OF TRAFFIC SIGNALS. SIGNAL LOCATIONS SHOWN SHOULD NOT BE CONSIDERED AS FINAL.
20. WATER FEATURES (E.G. WETLANDS, STREAMS, PONDS, SWALES, ETC.) SHOWN ORIGINATE FROM A COMBINATION OF NATIONAL WETLAND INVENTORY (NWI), PHOTO INTERPRETATION (USING AERIAL PHOTOGRAPHY, SOIL SURVEY AND TOPOGRAPHIC DATA) AND FIELD DELINEATIONS CONDUCTED IN ACCORDANCE WITH APPLICABLE USACE REGULATORY GUIDANCE. ADDITIONAL ANALYSES AND FIELD DELINEATIONS MAY RESULT IN CHANGES TO THE WATER FEATURES DEPICTED.

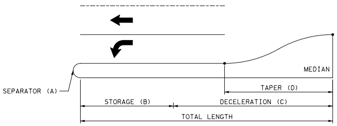
LEGEND:

—·—·—	EXISTING ROW
——	EXISTING PROPERTY LINES
——	EXISTING STREAMS
▭	EXISTING WETLANDS/PONDS
▭	EXISTING 100 YR FLOODPLAIN
▨	EXISTING FLOODWAY
- - -	EXISTING DRAINAGE CULVERT
- - -	EXISTING ROADWAY AND UTILITY EASEMENTS
——	PROPOSED DRAINAGE CULVERT
—·—·—	PROPOSED CENTERLINE/BASELINE
—·—·—	PROPOSED ROW
—·—·—	PROPOSED ROW (BY OTHERS)
— — —	PROPOSED UTILITY EASEMENT (BY OTHERS)
——	PROPOSED TRAFFIC BARRIER
═══	PROPOSED BRIDGE BENTS
——	PROPOSED RETAINING WALL
—■—	EXISTING NOISE BARRIER
——	PROPOSED NOISE BARRIER
- - - -	ULTIMATE/FUTURE IMPROVEMENTS (BY OTHERS)
⇨	EXISTING LANE DIRECTION OF TRAVEL
➡	PROPOSED LANE DIRECTION OF TRAVEL
⤳	DIRECTION OF FLOW
🟪	PROPOSED BRIDGE
🟨	PROPOSED MAINLANES
▬	PROPOSED RAMPS
🟩	PROPOSED FRONTAGE ROADS
🟪	PROPOSED CROSS STREETS AND DRIVEWAYS
▬	PROPOSED SHARED USE PATH OR SIDEWALK
▬	PROPOSED TRANSITION/INTERIM PAVEMENT
☒	PAVEMENT TO BE REMOVED
🟧	PROJECT BY OTHERS
🟧	FUTURE ROADWAY CONNECTION BY OTHERS
☒	DIRECT BUILDING DISPLACEMENT
☒	INDUCED BUILDING DISPLACEMENT
(CL_US380A_1)	HORIZONTAL ALIGNMENT CURVE NAME
120	PARCEL ID NUMBER
—WATER—	EXISTING WATER
—WWL—	EXISTING SANITARY SEWER
—GAS—	EXISTING GAS
—ELEC—	EXISTING ELECTRIC
—TELE—	EXISTING COMMUNICATIONS

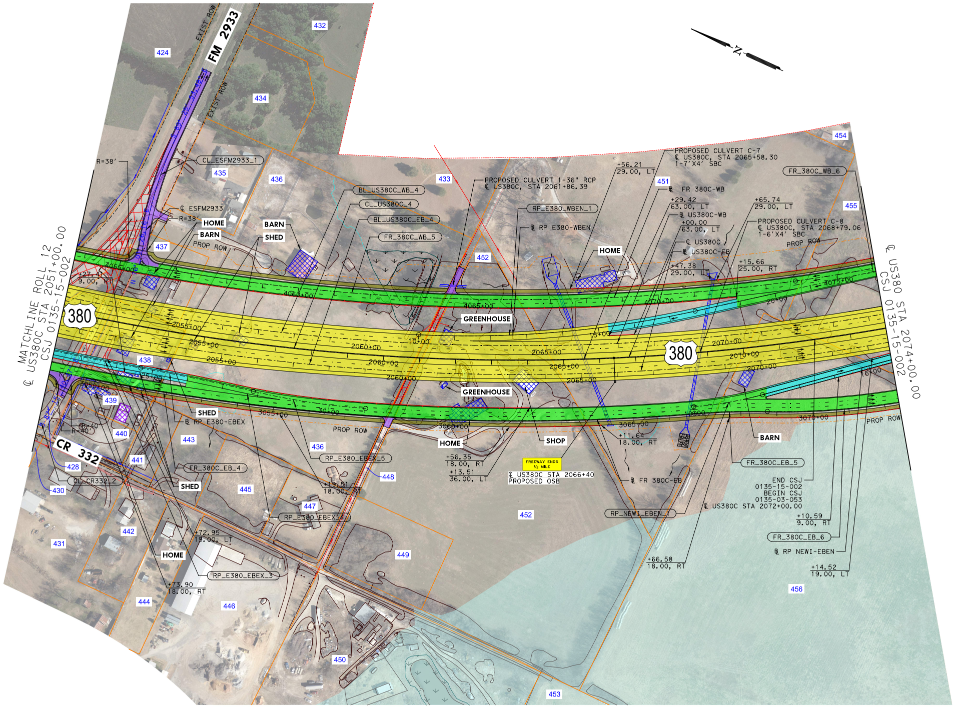
HORIZONTAL CURVE SHOULDER DATA			
ROADWAY	CURVE NAME	INSIDE SHOULDER WIDTH(FT)	OUTSIDE SHOULDER WIDTH (FT)
BL_US380C_EB	BL_US380C_EB_4	15	10
BL_US380C_WB	BL_US380C_WB_4	15	10

PROPOSED TAPERS					
LOCATION	TYPE	BASELINE	BEGIN	END	TAPER RATE
1	LANE MERGE	CL_US380C	2053+27.80, 64.00 RT	2059+22.56, 52.00 RT	50 : 1
2	AUX LANE MERGE	CL_US380C	2084+98.64, 64.00 RT	2092+73.46, 52.00 RT	65 : 1
3	LANE MERGE	CL_US380C	2105+95.47, 52.00 RT	2114+33.24, 47.21 RT	70 : 1
4	FRONTAGE ROAD MERGE	FR_380C_EB	3096+13.65, 11.00 RT	3098+13.28, 00.00 RT	18 : 1
5	FRONTAGE ROAD MERGE	FR_380C_WB	4112+19.04, 33.00 RT	4114+94.39, 22.00 RT	25 : 1

TURN BAY LENGTHS				
LOCATION	TAPER LENGTH	DECEL LENGTH	STORAGE LENGTH	TOTAL LENGTH
L8	100′	340′	335′	675′
L9	100′	340′	337′	677′
R4	100′	340′	335′	675′
R5	100′	340′	337′	677′
R6	412′	340′	418′	758′
R7	355′	340′	416′	756′


SEPARATOR (A)
MEDIAN
TAPER (D)
STORAGE (B)
DECELERATION (C)
TOTAL LENGTH

TURN BAY LENGTH


FM 2933
EXIST ROW
MATCHLINE ROLL 12
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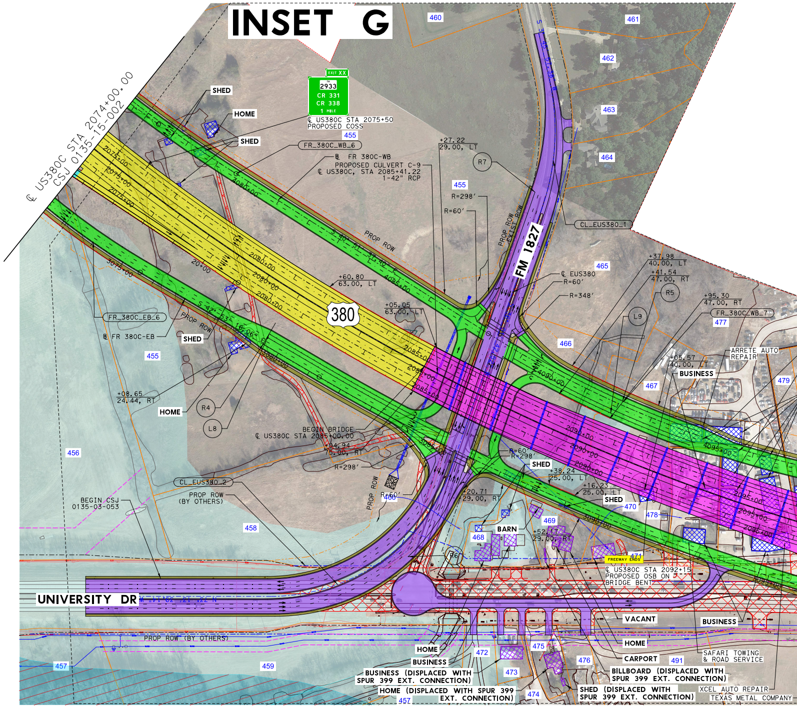
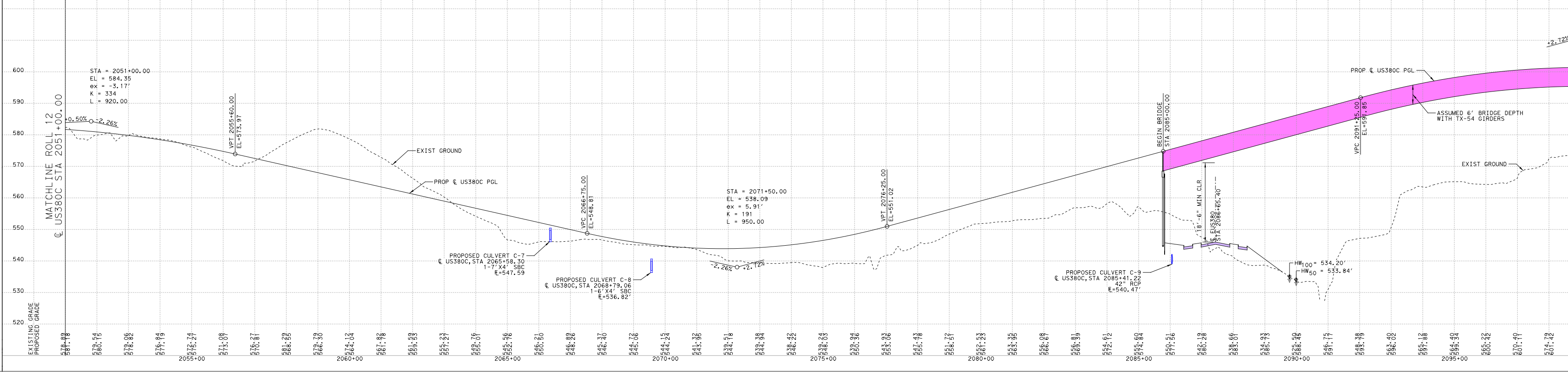
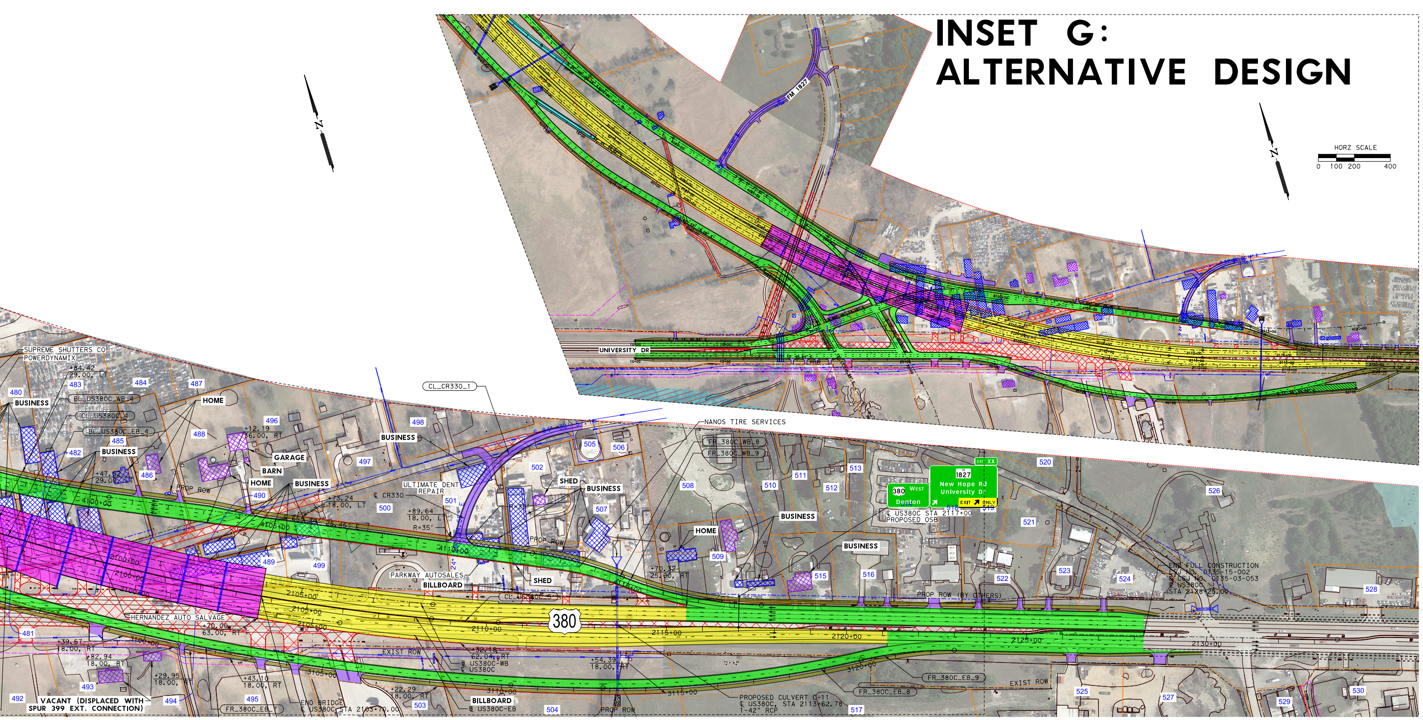
CSJ 0135-15-002
℄ US380 STA 2074+00.00
CSJ 0135-15-002
380
CR 332
CL_ESFM2933_1
℄ ESFM2933
BL_US380C_WB_4
CL_US380C_4
BL_US380C_EB_4
FR_380C_WB_5
RP_E380_WBEN_1
℄ RP E380-WBEN
FR_380C_WB_6
PROPOSED CULVERT 1-36" RCP
℄ US380C STA 2061+86.39
PROPOSED CULVERT C-7
℄ US380C STA 2065+58.30
1-7'X4' SBC
PROPOSED CULVERT C-8
℄ US380C STA 2068+79.06
1-6'X4' SBC
℄ FR 380C-WB
℄ US380C-WB
℄ US380C
℄ US380C-EB
℄ RP E380-EBEX
RP_E380_EBEX_5
RP_E380_EBEX_4
RP_E380_EBEX_3
FR_380C_EB_4
FR_380C_EB_5
FR_380C_EB_6
℄ FR 380C-EB
RP_NEWI_EBEN_1
℄ RP NEWI-EBEN
CL_CR332_2
FREEWAY ENDS ½ MILE
℄ US380C STA 2066+40
PROPOSED OSB
END CSJ
0135-15-002
BEGIN CSJ
0135-03-053
℄ US380C STA 2072+00.00
GREENHOUSE
HOME
BARN
SHED
SHOP
PROP ROW
R=38'
424 432 434 435 436 437 433 451 452 454 455 438 439 440 441 443 428 430 431 442 444 445 446 447 448 449 450 453 456


INSET G
EXIT XX
2933
CR 331
CR 338
1 MILE
℄ US380C STA 2075+50
PROPOSED COSS
℄ US380C STA 2074+00.00
CSJ 0135-15-002
380
FM 1827
UNIVERSITY DR
FR_380C_WB_6
℄ FR 380C-WB
PROPOSED CULVERT C-9
℄ US380C, STA 2085+41.22
1-42" RCP
FR_380C_EB_6
℄ FR 380C-EB
CL_EUS380_1
℄ EUS380
CL_EUS380_2
FR_380C_WB_7
BEGIN BRIDGE
℄ US380C STA 2085+00.00
BEGIN CSJ
0135-03-053
PROP ROW (BY OTHERS)
FREEWAY ENDS
℄ US380C STA 2092+15
PROPOSED OSB ON
BRIDGE BENT
ARRETE AUTO REPAIR
BUSINESS
VACANT
HOME
CARPORT
BILLBOARD (DISPLACED WITH SPUR 399 EXT. CONNECTION)
BUSINESS (DISPLACED WITH SPUR 399 EXT. CONNECTION)
HOME (DISPLACED WITH SPUR 399 EXT. CONNECTION)
SHED (DISPLACED WITH SPUR 399 EXT. CONNECTION)
SAFARI TOWING & ROAD SERVICE
XCEL AUTO REPAIR
TEXAS METAL COMPANY
SHED
HOME
BARN
R=298'
R=60'
R=348'
455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 472 473 474 475 476 477 478 479 491

US 380 - SEGMENT C PROFILE



INSET G: ALTERNATIVE DESIGN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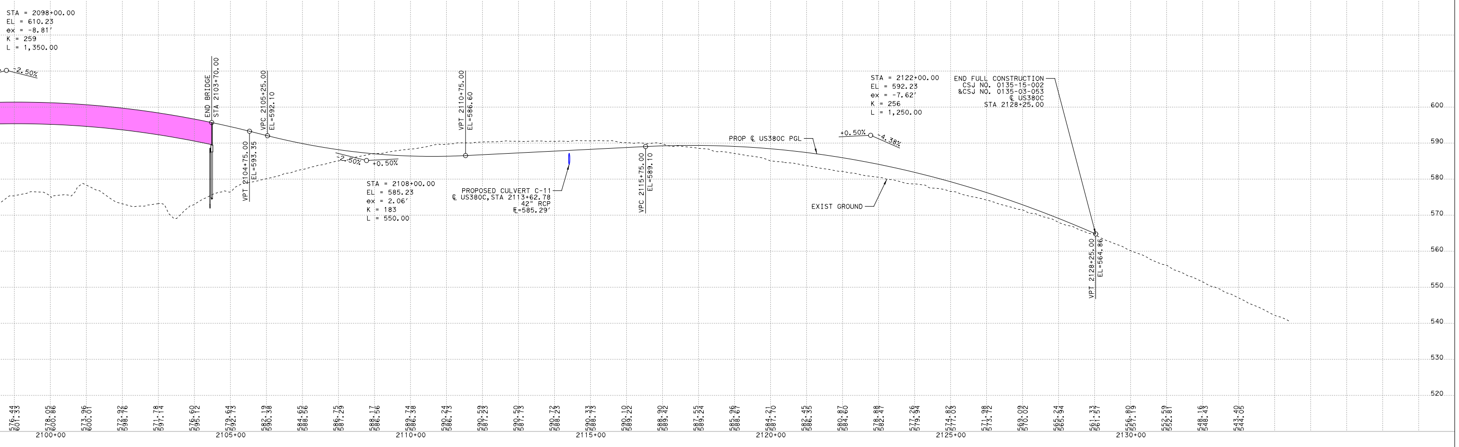
FM 1827
UNIVERSITY DR
CL_CR330_1
SUPREME SHUTTERS CO
POWERDYNAMIX
BUSINESS
HOME
GARAGE
BARN
SHED
NANOS TIRE SERVICES
ULTIMATE DENT REPAIR
PARKWAY AUTOSALES
BILLBOARD
HERNANDEZ AUTO SALVAGE
EXIST ROW
PROP ROW
PROP ROW (BY OTHERS)
380
1827 New Hope Rd University Dr
380 West Denton
℄ US380C STA 2117+00 PROPOSED OSB
END FULL CONSTRUCTION CSJ NO. 0135-15-002 &CSJ NO. 0135-03-053 ℄ US3800 STA 2128+25.00
PROPOSED CULVERT C-11 ℄ US380C, STA 2113+62.78 1-42" RCP
VACANT (DISPLACED WITH SPUR 399 EXT. CONNECTION)
END BRIDGE ℄ US380C STA 2103+70.00
FR_380C_EB_7
FR_380C_EB_8
FR_380C_EB_9
FR_380C_WB_8
FR_380C_WB_9
2105+00
2110+00
2115+00
2120+00
2125+00
2130+00
3105+00
3110+00
3115+00



Texas Department of Transportation

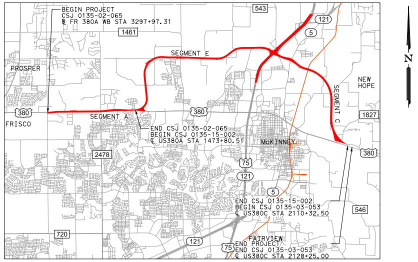
DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

PUBLIC HEARING DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

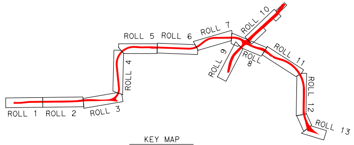
CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIV DR
CSJ 0135-15-002
FROM JCT US 380/W UNIVERSITY DR
(W OF MCKINNEY)
TO JCT US 380/E UNIVERSITY DR
(E OF MCKINNEY)
CSJ 0135-03-053
FROM SH5 (NEW EXT OF SP399) TO FM 1827

SEGMENT A LENGTH: 5.47 MILES
SEGMENT E LENGTH: 5.61 MILES
SEGMENT C LENGTH: 4.21 MILES

ROADWAY	FUNCTIONAL CLASS.	DESIGN SPEED	eMAX
US 380 MAINLANES	URBAN FREEWAY	60 MPH	6%
RAMPS	URBAN FREEWAY	45 MPH	6%
DIRECT CONNECTOR	URBAN FREEWAY	40 MPH	6%
COLLECTOR DISTR	URBAN FREEWAY	45 MPH	6%
FRONTAGE RD	URBAN COLLECTOR	45 MPH	2%
CROSS STREET	VARIES	30 MPH	2%
MINOR SIDE ST	VARIES	20 MPH	2%
TURNAROUNDS	URBAN MINOR COLLECTOR	20 MPH	2%


BEGIN PROJECT
CSJ 0135-02-065
℄ FR 380A WB STA 3297+97.31
1461
543
121
5
SEGMENT E
PROSPER
380
FRISCO
SEGMENT A
END CSJ 0135-02-065
BEGIN CSJ 0135-15-002
℄ US380A STA 1473+80.51
McKINNEY
SEGMENT C
NEW HOPE
1827
2478
75
END CSJ 0135-15-002
BEGIN CSJ 0135-03-053
℄ US380C STA 2110+32.50
546
720
FAIRVIEW
END PROJECT
END CSJ 0135-03-053
℄ US380C STA 2128+25.00
N

LOCATION MAP
NOT TO SCALE


ROLL 1
ROLL 2
ROLL 3
ROLL 4
ROLL 5
ROLL 6
ROLL 7
ROLL 8
ROLL 9
ROLL 10
ROLL 11
ROLL 12
ROLL 13

KEY MAP
NOT TO SCALE

SCHEMATIC PREPARED BY:
DAVID SUTTON 120142
NAME P.E. NUMBER
01/04/2023
DATE

PRELIMINARY

NOT INTENDED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES AND SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.

JANUARY 2023

HDR
Firm Registration No. F-754

17111 Preston Road, Suite 300
Dallas, Texas 75248-1229
972.960.4400

ROLL 13 OF 13

HORZ SCALE
0 50 100 200

VERT SCALE
0 5 10 20

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Plotted on: 2/10/2023
Scale:1:100
Pen Table: 123912 - US 380 EIS Pentable.tbl
Design Filename:...\US380-HDR-SCH-PP-C03-PH.dgn