Texas Department of Transportation

© 2022 by Texas Department of Transportation all rights reserved

DISTRICT: DALLAS
COUNTY: COLLIN
DATE: AUGUST 2022

US 380 PRINCETON
PUBLIC MEETING
PRELIMINARY DESIGN SCHEMATIC

ROLL 4 OF 6

DALLAS DISTRICT
PUBLIC MEETING
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.,
DISTRICT ENGINEER

US 380 PRINCETON
COLLIN COUNTY, TEXAS

PROJECT LIMIT: FROM FM 1827 TO CR 560
LENGTH OF PROJECT(APPROXIMATELY)=11.8 MI

CSJ 0135-03-056
FROM FM 1827 TO JCT US 380/W. PRINCETON DRIVE

CSJ 0135-16-002
FROM JCT US 380/W. PRINCETON DRIVE
TO JCT US 380/E. PRINCETON DRIVE

CSJ 0135-04-036
FROM JCT US 380/E. PRINCETON DRIVE TO CR 560

ROADWAY TYPE	FUNCTIONAL CLASS	DESIGN SPEED
US 380 MAINLANES	URBAN FREEWAY	70 MPH
US 380 RAMPS	URBAN FREEWAY	50 MPH
US 380 FRONTAGE ROADS	URBAN COLLECTOR	45 MPH
US 380 TURNAROUNDS	URBAN COLLECTOR	20 MPH
US 380 EXISTING	URBAN PRINCIPAL ARTERIAL	40 MPH
BUS US 380	URBAN PRINCIPAL ARTERIAL	40 MPH
CR 404	URBAN MAJOR ARTERIAL	40 MPH
CR 408	URBAN MAJOR COLLECTOR	40 MPH
FM 75	URBAN MAJOR COLLECTOR	40 MPH
FM 1377	URBAN MAJOR COLLECTOR	40 MPH
CR 458	URBAN PRINCIPAL ARTERIAL	40 MPH
CR 559	URBAN LOCAL	30 MPH

NOTE: DESIGN SPEEDS APPLY UNLESS OTHERWISE NOTED ON SCHEMATIC.

TRAFFIC DATA

ADT (2030) = 78,125
ADT (2050) = 119,650
ADT (2060) = 134,675

% TRUCKS:
ADT = 4.2
DHV = 3.4
K = 8.9
DD = 58

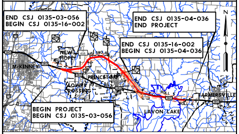
SOURCE: TxDOT TRANSPORTATION PROGRAMMING AND PLANNING DIVISION
MEMO DATED: AUGUST 31, 2020

SCALE: 1"=200' H, 1"=20' V

AUGUST 2022

LEGEND:

— · · —	EXISTING ROW	— — —	CITY LIMIT
— · · —	PROPOSED ROW	●●●	SIGNALIZED INTERSECTION
-I-I-I-	PROPOSED ACCESS DENIAL	▭	USACE AND PARKS
— · —	PROPOSED CENTERLINE/BASELINE	→ · ·	CREEKS AND TRIBUTARIES
▬	PROPOSED MAINLANES	▬	LAKE
▬	PROPOSED FRONTAGE ROAD	▨	WETLAND
▬	PROPOSED RAMP	▬	100-YR FLOOD PLAIN
▬	PROPOSED CROSS STREET	≡≡≡	EXISTING CULVERT CROSSING
▬	PROPOSED TURNAROUND	═	PROPOSED CULVERT CROSSING
◀	PROPOSED GORE	— — —	EXISTING EASEMENT USACE
▬	PROPOSED SHARED USE PATH	— — —	PROPOSOSED EASEMENT USACE
▲	PROPOSED DRIVEWAY		
▬	PROPOSED BRIDGE		
▬	PROPOSED SHOULDER		
▬	PROPOSED RAISED MEDIAN		
┴┴┴	PROPOSED RETAINING WALL		
▨	POTENTIAL DISPLACEMENTS		
▩	PAVEMENT/BRIDGE REMOVAL		
—	EXISTING PROPERTY LIMITS		
100	PARCEL ID		
⇨	EXISTING DIRECTION OF TRAVEL		
➡	PROPOSED DIRECTION OF TRAVEL		



END CSJ 0135-03-056
BEGIN CSJ 0135-16-002
END CSJ 0135-04-036
END PROJECT
END CSJ 0135-16-002
BEGIN CSJ 0135-04-036
BEGIN PROJECT
BEGIN CSJ 0135-03-056
McKINNEY
NEW HOPE
PRINCETON
LOWRY CROSSING
LAVON LAKE
FARMERSVILLE
N

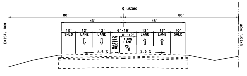
LOCATION MAP (NTS)

PREPARED BY AECOM TECHNICAL SERVICES, INC. TBPE NUMBER F-3580:
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.

Prepared by or under the Direct Supervision of:

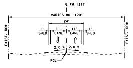
BRAD M. HERNANDEZ	100079	JEFF S. PUSKOS, JR.	97526
NAME	P.E. NUMBER	NAME	P.E. NUMBER

AECOM
13355 NOEL ROAD
SUITE 400
DALLAS, TEXAS 75240
214-741-7777



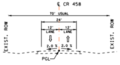
℄ US380
80'
43'
43'
80'
10' SHLD
12' LANE
12' LANE
6'-18' RAISED MEDIAN
0'-12' TURN LANE
12' LANE
12' LANE
10' SHLD
2.5 %
2.5 %
EXIST. ROW
EXIST. ROW

EXISTING US 380 TYPICAL SECTION
CR 458 TO LAKE LAVON
NOT TO SCALE



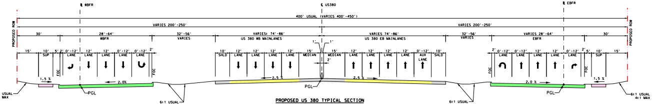
℄ FM 1377
VARIES 80'-120'
24'
1' SHLD
11' LANE
11' LANE
1' SHLD
2.0 %
2.0 %
PGL
EXIST. ROW
EXIST. ROW

EXISTING FM 1377 TYPICAL SECTION
NOT TO SCALE



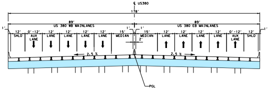
℄ CR 458
70' USUAL
24'
12' LANE
12' LANE
2.0 %
2.0 %
PGL
EXIST. ROW
EXIST. ROW

EXISTING CR 458 TYPICAL SECTION
NOT TO SCALE



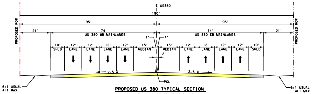
℄ WBFR
℄ US380
℄ EBFR
400' USUAL (VARIES 400'-450')
VARIES 200'-250'
VARIES 200'-250'
30'
28'-64' WBFR
32'-56' VARIES
VARIES: 74'-86' US 380 WB MAINLANES
VARIES 74'-86' US 380 EB MAINLANES
32'-56' VARIES
VARIES 28'-64' EBFR
30'
SUP
LANE
MEDIAN
AUX LANE
SHLD
FOC
2.0%
2.5 %
2.5 %
2.0 %
1.5 %
PGL
6:1 USUAL
4:1 MAX
PROPOSED ROW

PROPOSED US 380 TYPICAL SECTION
STA 2410+00.00 TO STA 2439+00.00
NOT TO SCALE



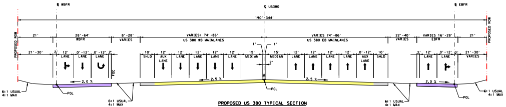
℄ US380
178'
89' US 380 WB MAINLANES
89' US 380 EB MAINLANES
12' SHLD
0'-12' AUX LANE
12' LANE
15' MEDIAN
2'
2.5 %
2.5 %
PGL

PROPOSED US 380 BRIDGE TYPICAL SECTION
MAIN LANES ONLY (NO FRONTAGE ROADS)
STA 2439+00.00 TO STA 2463+00.00
NOT TO SCALE



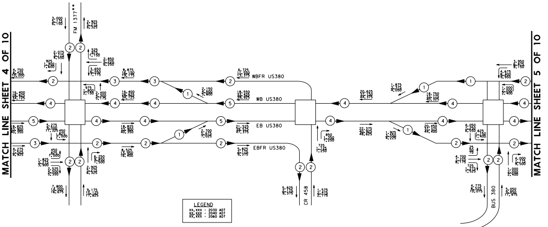
℄ US380
190'
95'
95'
21'
74' US 380 WB MAINLANES
74' US 380 EB MAINLANES
21'
10' SHLD
12' LANE
15' MEDIAN
2'
2.5 %
2.5 %
PGL
6:1 USUAL
4:1 MAX
PROPOSED ROW

PROPOSED US 380 TYPICAL SECTION
MAIN LANES ONLY (NO FRONTAGE ROADS)
STA 2463+00.00 TO STA 2493+00.00
NOT TO SCALE



℄ WBFR
℄ US380
℄ EBFR
190'-344'
21'
28'-64' WBFR
8'-28' VARIES
VARIES: 74'-86' US 380 WB MAINLANES
VARIES 74'-86' US 380 EB MAINLANES
22'-40' VARIES
VARIES 16'-28' EBFR
21'
21'-30'
SHLD
AUX LANE
LANE
MEDIAN
2'
FOC
2.0 %
2.5 %
2.5 %
2.0 %
PGL
6:1 USUAL
4:1 MAX
PROPOSED ROW

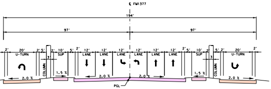
PROPOSED US 380 TYPICAL SECTION
STA 2493+00.00 TO STA 2535+00.00
NOT TO SCALE



MATCH LINE SHEET 4 OF 10
MATCH LINE SHEET 5 OF 10
FM 1377**
WBFR US380
WB US380
EB US380
EBFR US380
CR 458
BUS 380
LEGEND
XX,XXX - 2030 ADT
XX,XXX - 2040 ADT
XX,XXX - 2060 ADT

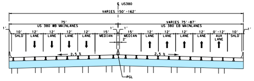
** NUMBER OF TRAVEL LANES BASED ON CITY OF PRINCETON THOROUGHFARE PLAN OF JUNE 2018.

PRELIMINARY
SUBJECT TO CHANGE


℄ FM1377
194'
97'
97'
U-TURN
SUP
LANE
COLUMN
2.0 %
1.5 %
PGL

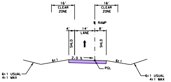
PROPOSED FM 1377 TYPICAL SECTION

AT ℄ OF US380
NOT TO SCALE


℄ US380
VARIES 150'-162'
75'
US 380 WB MAINLANES
VARIES 75'-87'
US 380 EB MAINLANES
SHLD
LANE
MEDIAN
AUX LANE
2.5 %
PGL

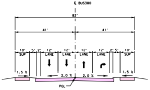
PROPOSED US 380 BRIDGE TYPICAL SECTION

AT FM 1377
AT BUS 380
NOT TO SCALE


16' CLEAR ZONE
16' CLEAR ZONE
℄ RAMP
14'
LANE
SHLD
2.0 %
6:1
PGL
6:1 USUAL
4:1 MAX

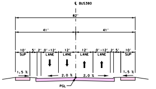
PROPOSED ENTRANCE/EXIT RAMP TYPICAL SECTION

NOT TO SCALE


℄ BUS380
82'
41'
41'
SUP
LANE
2.0 %
1.5 %
PGL

PROPOSED BUS 380 TYPICAL SECTION

NOT TO SCALE


℄ BUS380
82'
41'
41'
SUP
LANE
2.0 %
1.5 %
PGL

PROPOSED CR458 TYPICAL SECTION

NOT TO SCALE

SUPERELEVATION SIGN DIAGRAM

SUPERELEVATION TRANSITION TABLE

DESCRIPTION	ALIGNMENT	BEGIN STA	BEGIN e (LT)/(RT)		END STA	END e (LT)/(RT)		LENGTH FT
TRANSITION	℄ PRO380_18	2467+70.00	2.50%	-2.50%	2471+80.00	-2.20%		410
FULL SUPER		2471+80.00	-2.20%		2487+82.00	-2.20%		1602
TRANSITION		2487+82.00	-2.20%		2491+92.00	2.50%	-2.50%	410
TRANSITION	℄ PRO380_19	2495+06.00	2.50%	-2.50%	2501+56.00	5.00%		650
FULL SUPER		2501+56.00	5.00%		2530+94.00	5.00%		2938
TRANSITION		2530+94.00	5.00%		2537+44.00	2.50%	-2.50%	650

HORIZONTAL CURVE DATA

ALIGNMENT	CURVE	PI STATION	PI NORTHING - N	PI EASTING - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	EXTERNAL	CHORD BEARING	CHORD LENGTH	MIDDLE ORDINATE	PC STATION	PT STATION
PRO380_1	PRO380_18	2473+20.11	7118622.511	2588666.013	9° 35' 25.00"	10300	0° 33' 22.57"	864.04	1724.03	36.18	S 36° 32' 17.60" E	1722.02	36.05	2464+56.08	2481+80.11
	PRO380_19	2510+46.94	7115449.727	2590628.861	44° 45' 27.95"	4010	1° 25' 43.76"	1651.07	3132.49	326.61	S 54° 7' 19.08" E	3053.45	302.01	2493+95.86	2525+28.36
EBFR1	EBFR18	4440+62.72	7120905.277	2586434.460	43° 12' 56.77"	1039	5° 30' 59.91"	411.53	783.37	78.53	S 19° 43' 31.72" E	-765.23	73.01	4436+51.18	4444+34.55
WBFR1	WBFR17	4440+60.16	7121321.136	2586516.164	43° 12' 56.77"	1039	5° 30' 59.91"	411.53	783.37	78.53	S 19° 43' 31.72" E	-765.23	73.01	4436+48.63	4444+32.00
	WBFR18	4449+27.39	7120414.701	2586486.374	5° 43' 52.29"	1063	5° 23' 31.19"	53.21	106.29	1.33	S 4° 44' 52.81" W	-106.29	1.33	4448+74.18	4449+80.47
	WBFR19	4450+26.60	7120316.242	2586473.212	5° 12' 14.18"	1015	5° 38' 49.88"	46.13	92.15	1.05	S 5° 0' 41.87" W	-92.16	1.05	4449+80.47	4450+72.62
EBFR2	EBFR21	4526+95.55	7115207.261	2591039.122	32° 8' 30.04"	4150	1° 22' 50.24"	1195.55	2328.06	168.78	S 60° 25' 48.04" E	2297.65	162.18	4515+00.00	4538+28.06
WBFR2	WBFR21	4526+09.74	7115389.465	2591479.635	23° 38' 7.94"	3870	1° 28' 49.84"	809.74	1596.44	83.81	S 64° 40' 59.08" E	1585.15	82.03	4518+00.00	4533+96.44
PR2435R	PR2435R1	10+89.68	7122448.917	2585106.045	3° 35' 8.08"	2865	1° 59' 59.84"	89.68	179.28	1.4	S 43° 7' 34.14" E	-179.26	1.4	10+00.00	11+79.28
	PR2435R2	22+08.90	7121656.336	2585896.386	3° 35' 8.08"	2865	1° 59' 59.84"	89.68	179.28	1.4	S 43° 7' 34.14" E	-179.26	1.4	21+19.23	22+98.51
PR2435L	PR2435L1	10+79.56	7122579.941	2585379.679	3° 10' 53.56"	2865	1° 59' 59.84"	79.56	159.08	1.1	S 39° 44' 33.32" E	-159.07	1.1	10+00.00	11+59.08
	PR2435L2	23+40.78	7121588.113	2586158.821	3° 10' 53.56"	2865	1° 59' 59.84"	79.56	159.08	1.1	S 39° 44' 33.32" E	-159.07	1.1	22+61.21	24+20.30
PRXEB380	PRXEB3801	15+26.55	7117148.939	2589502.383	3° 43' 41.12"	11463	0° 29' 59.40"	373.07	745.87	6.07	S 29° 52' 44.54" E	745.74	6.07	11+53.49	18+99.35
	PRXEB3802	20+76.14	7116663.514	2589760.651	8° 49' 16.73"	2292	2° 29' 59.34"	176.79	352.88	6.81	S 32° 25' 32.35" E	352.53	6.79	18+99.35	22+52.23
	PRXEB3803	22+70.58	7116507.268	2589877.545	0° 30' 42.25"	4108	1° 23' 41.05"	18.35	36.69	0.04	S 36° 43' 14.91" E	36.69	0.04	22+52.23	22+88.92
	PRXEB3804	23+50.69	7116443.263	2589925.735	2° 28' 50.60"	2853	2° 0' 29.75"	61.77	123.53	0.67	S 35° 44' 10.74" E	123.52	0.67	22+88.92	24+12.45
	PRXEB3805	26+61.34	7116187.22	2590101.681	9° 53' 20.30"	2877	1° 59' 29.44"	248.9	496.56	10.75	S 39° 26' 25.59" E	495.94	10.71	24+12.45	29+09.00
PREWML	PREWML1	10+65.07	7115871.849	2590841.726	1° 55' 35.73"	3870	1° 28' 49.84"	65.07	130.13	0.55	N 53° 0' 46.68" W	130.12	0.55	10+00.00	11+30.13
	PREWML2	12+16.66	7115965.079	2590722.184	6° 25' 24.37"	1542	3° 42' 56.45"	86.53	172.87	2.43	N 55° 15' 41.00" W	172.78	2.42	11+30.13	13+03.00
	PREWML3	14+73.62	7116099.541	2590502.992	12° 49' 33.81"	1518	3° 46' 27.93"	170.62	339.81	9.56	N 52° 3' 36.28" W	339.11	9.5	13+03.00	16+42.82
	PREWML4	21+83.13	7116596.537	2589994.643	13° 54' 14.27"	2853	2° 0' 29.75"	347.88	692.34	21.13	N 38° 41' 42.24" W	690.64	20.98	18+35.25	25+27.59
PROCR1377	PROCR13771	14+09.41	7122978.61	2582987.568	32° 16' 11.74"	510	11° 15' 9.15"	147.54	286.78	20.91	N 75° 16' 7.38" E	-283.46	20.09	12+61.87	15+48.65
	PROCR13772	18+25.76	7123196.472	2583352.076	17° 44' 16.85"	590.41	9° 42' 57.79"	92.13	182.56	7.14	N 68° 0' 9.93" E	-182.05	7.06	17+33.63	19+16.20
PROBUS3802	PROBUS38021	16+93.87	7115424.266	2590277.174	50° 50' 46.40"	1039	5° 30' 59.91"	493.87	921.69	111.4	N 77° 59' 20.73" E	-892.08	100.61	12+00.00	21+21.69

PROPERTY OWNERS

PARCEL	OWNER	OCCUPANT
324	BRACEY TOMMY & MADELINE	RESIDENTIAL
325	SANTIBANEZ REGINO & SOFIA	RESIDENTIAL
326	MCCOMIC IRA W JR & MCCOMIC REBECCA GRETCHEN	RESIDENTIAL
327	SCHIFF ROBERT JAMES	RESIDENTIAL
328	LGI HOMES - TEXAS LLC	RESIDENTIAL
329	FISHELL, ROBERT	VACANT
330	BAILEY STEPHANIE	VACANT
331	BAILEY STEPHANIE & TRACY RENNIE	RESIDENTIAL
332	WESTER BARBARA K	RESIDENTIAL
333	KARNAM INVESTMENTS LLC	VACANT
334	HOY RHONDA DALE	RESIDENTIAL
335	OSBORNE GLENN A & HOLLY A	RESIDENTIAL
336	SNYDER MARIE P & ROBERT T	RESIDENTIAL
400	ABOUL FETTOUH OSAMA &	VACANT
401	LGI HOMES - TEXAS LLC	RESIDENTIAL
402	LOWRANCE CLINTON B	OPEN-SPACE AGRCULTURAL LAND
403	LOWRANCE SANDRA KAY	VACANT
404	FAHRENTHOLD KYLE & DEBORAH	RESIDENTIAL
405	ENGLEMAN ROLLIN BLAKE & RACHEL LEA	ENGLEMAN ROLLIN BLAKE & RACHEL LEA
406	SPRINGER RITA ANN	OPEN-SPACE AGRCULTURAL LAND
407	PRINCETON ISD	VACANT
408	COPELAND LIVING TRUST	RESIDENTIAL
409-A	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	COMMON AREA
409-B	TAILOR MAHESH	RESIDENTIAL
409-C	DU JUAN	RESIDENTIAL
409-D	BELLUR SRIDHAR	RESIDENTIAL
409-E	BOBBILI ANITA	RESIDENTIAL
409-F	YANG HENG	RESIDENTIAL
409-G	APPUSAMY RAMAPRASAD	RESIDENTIAL
409-H	JIANG YITONG	RESIDENTIAL
409-I	MURRAY MADELEINE & ARIC BAKER	RESIDENTIAL
409-J	KANABAR BHAVIK & APARNA	RESIDENTIAL
409-K	CHEN ZHIYONG	RESIDENTIAL
409-L	KAKARLA INDIRA PRIYADARSHINI	RESIDENTIAL
409-M	HAQ MOIN &	RESIDENTIAL
409-N	RIDS ENTERPRISE LLC	RESIDENTIAL
409-O	PARUPATI SATISH KUMA	RESIDENTIAL
409-P	LI SIU FUNG	RESIDENTIAL
409-Q	RAINA RAJESH	RESIDENTIAL
409-R	PATEL PURVEE	RESIDENTIAL
409-S	DESAI SHAILIN	RESIDENTIAL
409-T	VALUPADASU RAMKUMAR	RESIDENTIAL
409-U	VELAGAPUDI SUNIL KUMAR	RESIDENTIAL
409-V	LEWIS BRYAN ALLEN & NOELLE KRISTINE	RESIDENTIAL
409-W	TALLURI VENKATRAMYA	RESIDENTIAL
409-X	PATEL GOPAL	RESIDENTIAL
409-Y	BOUDREAUX CAREY & CRYSTAL	RESIDENTIAL
409-Z	HICKS JUSTIN	RESIDENTIAL
409-AA	SFR JV-HD PROPERTY LLC	RESIDENTIAL
409-AB	KOENIGSEDER SIGMUND JOHN	RESIDENTIAL
409-AC	EARAGOLLA MURALI KRISHNA & SRILAKSHMI CHAPPIDI	RESIDENTIAL
409-AD	MCDONALD RUDOLPH & ODESSA &	RESIDENTIAL
409-AE	JENSEN JESSE MICHAEL & BRIANA KAY	RESIDENTIAL
409-AF	ALY NABILA &	RESIDENTIAL
409-AG	HUANG LEI	RESIDENTIAL
409-AH	KIBE JULIUS & CAROLINE	RESIDENTIAL
409-AI	POLIREDDY BHARGAVI &	RESIDENTIAL
409-AJ	FORTE CHRISTOPHER & JULIE NOONER	RESIDENTIAL
409-AK	PREMKUMAR PRASHANTH	RESIDENTIAL
409-AL	BANDARU NAGENDRA	RESIDENTIAL
409-AM	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	COMMON AREA
410-A	MATHEW JOE MATHEW & GIGIMOL PARACKAL	RESIDENTIAL
410-B	ARISANKALA VENU GOPAL &	RESIDENTIAL
410-C	MARTIN MICHAEL & LINDIWE BHEBHE-MARTIN	RESIDENTIAL
410-D	MARTINEZ NELSON ENRIQUE JR	RESIDENTIAL
410-E	TALLAPAKA SAIRAM	RESIDENTIAL
410-F	CHILDRESS JOSEPH	RESIDENTIAL
410-G	HAM MITCHELL FRANCIS	RESIDENTIAL
410-H	WATTS DOMINIQUE & LUECRETIA	RESIDENTIAL
410-I	KIREU ESTHER NAEKU &	RESIDENTIAL
410-J	BURRELL KEVIN H & JANET R	RESIDENTIAL
410-K	GIPSON LATRECIA M	RESIDENTIAL
410-L	PRAVEEN SOUMYA REVOCABLE LIVING TRUST THE	RESIDENTIAL
410-M	FORAY HANNAH &	RESIDENTIAL

PROPERTY OWNERS

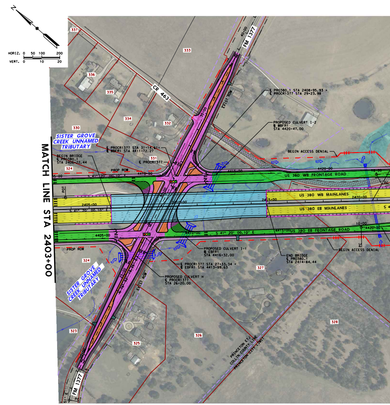
PARCEL	OWNER	OCCUPANT
410-CJ	VELAGALETI MADHURI S	RESIDENTIAL
410-CK	HLAING MAUNG	RESIDENTIAL
410-CL	KANAPARTHI RAGHAVENDRA	RESIDENTIAL
410-CM	ATHIKAM GIRI	RESIDENTIAL
410-CN	GHARAT ASHAY & RASHMI BOLINJKAR	RESIDENTIAL
410-CO	SHI LEI & XIN DONG	RESIDENTIAL
410-CP	INAVILLI RAM M	RESIDENTIAL
410-CQ	LIU HOWARD	RESIDENTIAL
410-CR	DELGADO-CRUZ CESAR GEOVANNIE	RESIDENTIAL
410-CS	YUPIT EMMANUEL & MARY	RESIDENTIAL
410-CT	MANAVALAN SASIKALA	RESIDENTIAL
410-CU	REGALADO JOSE	RESIDENTIAL
410-CV	BOINAPAI RAGHUVEER	RESIDENTIAL
410-CW	KOMMULA MALLAREDDY	RESIDENTIAL
410-CX	CHEN ZHIYONG	RESIDENTIAL
410-CY	SHIVA CHAKILAM	RESIDENTIAL
410-CZ	CANAL JOSHUA CARL & KARINA	RESIDENTIAL
410-DA	PEDIREDLA SRINIVAS &	RESIDENTIAL
410-DB	CHONG ELVIN KOK-WAH & CHUEN LAN LEING	RESIDENTIAL
410-DC	HARRIS FARRIED & TERRY LOTTS	RESIDENTIAL
410-DD	FLORES ALLAN & RAMONA HARMES	RESIDENTIAL
410-DE	KAKUMANU PRAKASH	RESIDENTIAL
410-DF	KOLLURI SWATHI &	RESIDENTIAL
410-DG	CHANDRASEKAR SARALA	RESIDENTIAL
410-DH	LI QUN	RESIDENTIAL
410-DI	SOHAIL UMAIR	RESIDENTIAL
410-DJ	SINGH SATNAM	RESIDENTIAL
410-DK	SINGH JYOTSNA	RESIDENTIAL
410-DL	SYED MASUD REZA	RESIDENTIAL
410-DM	RAJAN SRIKANTH &	RESIDENTIAL
410-DN	FAN SIYU & XIAOQING GE	RESIDENTIAL
410-DO	WILLIAMS JOSEPH LAVOY	RESIDENTIAL
410-DP	MEKALA PREETI	RESIDENTIAL
410-DQ	BHARATHA RAJANI	RESIDENTIAL
410-DR	SOMAGATTA VENKATA	RESIDENTIAL
410-DS	KANNAPPAN RAJA	RESIDENTIAL
410-DT	KATARUKA HARI & ANJU	RESIDENTIAL
410-DU	HAYS JAMES EDWARD &	RESIDENTIAL
410-DV	LGI HOMES - TEXAS LLC	RESIDENTIAL
410-DW	CHEN PENG &	RESIDENTIAL
410-DX	LGI HOMES - TEXAS LLC	RESIDENTIAL
410-DY	JACKSON ALEXA	RESIDENTIAL
410-DZ	NAHAR ANJUMAN &	RESIDENTIAL
410-EA	DOMINGUEZ JOSE &	RESIDENTIAL
410-EB	RICHIE JESSICA DENISE	RESIDENTIAL
410-EC	DEAN SHAN ERNEST &	RESIDENTIAL
410-ED	MARLER TRINITY MICHAEL	RESIDENTIAL
410-EE	MONYE GOODLUCK ISIOMA & MARIE ALIMATA OMARI	RESIDENTIAL
410-EF	SHAH DEVAL	RESIDENTIAL
410-EG	TORRES CHERYL ELAINE	RESIDENTIAL
410-EH	PERISETTY SATYA VENKATA NARESH & KRISHNA PRIYA CHILUKOTI	RESIDENTIAL
410-EI	CHALAKARAN RAHUL	RESIDENTIAL
410-EJ	NEELEE VENKATA & ANJANI	RESIDENTIAL
410-EK	JOSHI DEVANG	RESIDENTIAL
410-EL	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	RESIDENTIAL
410-EM	MISHRA PRAGNYA PARMITA	RESIDENTIAL
410-EN	RUEDA CIBELY MELGAR &	RESIDENTIAL
411	IC-SB PRINCETON LAND PARTNERS LP	VACANT
412	IC-SB PRINCETON LAND PARTNERS LP	VACANT
413	IC-SB PRINCETON LAND PARTNERS LP	VACANT
414	IC-SB PRINCETON LAND PARTNERS LP	VACANT
415	IC-SB PRINCETON LAND PARTNERS LP	VACANT
416	ZHU JIANGTIAN PRINCETON COMMERCIAL REVOCABLE TRUST &	VACANT
418	COPELAND COMMERICAL REAL ESTATE LTD	DANCO EXCAVATION
419	COPELAND COMMERICAL REAL ESTATE LTD	THE CDI CONNECTION
420	COPELAND COMMERICAL REAL ESTATE LTD	VACANT
421	DAVIDSON, MICHAEL RAYMOND	VACANT
422	PEMBERLEY INVESTMENTS LLC	VACANT
423	COPELAND COMMERICAL REAL ESTATE LTD	RESIDENTIAL
424	LOPEZ ERICA GUADALUPE MANZO	RESIDENTIAL
425	COPE INVESTMENTS LLC	DANCO SERVICES
426	LOPEZ ERICA GUADALUPE MANZO	RESIDENTIAL
427	COPE INVESTMENTS LLC	DANCO SERVICES
428	DEC INVESTMENTS LLC	RESIDENTIAL

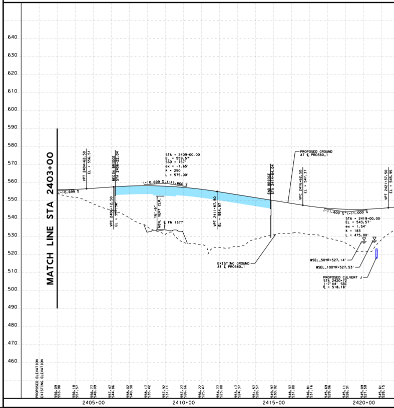
PROPERTY OWNERS

PARCEL	OWNER	OCCUPANT
429	USA	FEDERAL LAND
430	USA	FEDERAL LAND
431	USA	FEDERAL LAND
432	USA	FEDERAL LAND
433	USA	FEDERAL LAND
434	USA	FEDERAL LAND
435	USA	FEDERAL LAND
436	MOSES J M FAMILY LIVING TRUST THE	VACANT
437	USA	FEDERAL LAND
438	OWEN CLAUDE I & PATRICIA J	RESIDENTIAL
439	USA	VACANT
440	CANE CORI &	RESIDENTIAL
441	FISHELL ROBERT	RESIDENTIAL

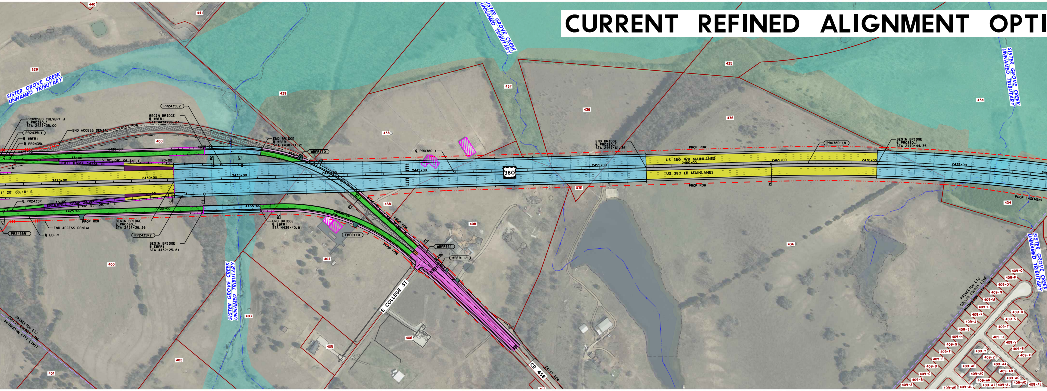
NOTES:

1. BEGIN/END PROJECT ARE PRELIMINARY AND MAY BE REFINED BASED ON FUTURE COORDINATION WITH ADJACENT US 380 PROJECTS.
2. FURTHER COORDINATION MAY BE REQUIRED WITH STAKEHOLERS TO EVALUATE FUTURE INTERCHANGES AND PROPOSED ROW FOOTPRINT.
3. RAMP LOCATIONS ARE PRELIMINARY PENDING FURTHER GEOMETRIC DESIGN, TXDOT REVIEW, PUBLIC INPUT, AND TRAFFIC ANALYSIS.
4. PARCEL LINES AND EXISTING ROW OF WAY (R.O.W.) HAVE NOT BEEN FIELD VERIFIED AND ARE BEST FIT. GIS FILES USED FOR BASE MAPPING.
5. PROPERTY OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM COLLIN COUNTY APPRAISAL DISTRICT (APRIL 25, 2022).
6. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS SHOWN ARE BASED ON FEMA FLOOD INSURANCE RATE MAPS. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM SURVEY AND RECORD DOCUMENTS.
7. EXISTING DRIVEWAY ACCESS WILL REMAIN UNLESS IT IS DETERMINED THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN DENIAL OF ACCESS LIMITS.
8. DRIVEWAY LOCATIONS ARE PRELIMINARY AND MAY BE REVISED AFTER TXDOT REVIEW AND PUBLIC INPUT.
9. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE BUILDING STRUCTURE.
10. SCHEMATICS ARE BASED ON AERIAL AND DESIGN SURVEYS DATED AUGUST 2021, AS-BUILTS, AND GOOGLE EARTH IMAGERY DATED OCTOBER 2021.
11. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB, RAIL, OR BARRIER UNLESS NOTED OTHERWISE.
12. MAINLANE SUPERELEVATION AXIS OF ROTATION IS ABOUT THE CENTERLINE.
13. 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.
14. LOW SPEED ROADWAYS HAVE A NORMAL CROWN WITH 2% PAVEMENT CROSS SLOPES AND HIGH SPEED MAINLANES HAVE A NORMAL CROWN WITH 2.5% PAVEMENT CROSS SLOPE UNLESS NOTED OTHERWISE IN THE SUPERLEVATION TABLES.
15. MINOR CROSS STREET CORNER RADII ARE 25' AND MAJOR CROSS STREET RADII ARE 90' UNLESS NOTED OTHERWISE ON THE SCHEMATIC PLAN VIEW.
16. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED ON FEMA FLOOD INSURANCE RATE MAPS.
17. CURB RAMPS, SIDEWALKS AND SHARED USE PATHS ARE SHOWN FOR PLANNING PURPOSES ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS AND SHARED USE PATHS ARE SHOWN ON TYPICAL SECTIONS.
18. WB-67 DESIGN VEHICLE WAS USED IN EVALUATION OF TURNING MOVEMENTS. CORNER RADII MAY VARY AT INTERSECTIONS DUE TO DIFFERENCES IN SKEW.
19. TRAFFIC VOLUMES BASED ON TRAFFIC COUNTS AND GROWTH RATES PROVIDED BY TP&P.
20. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
21. PROPOSED SIGNAL LOCATIONS SHOWN ARE PRELIMINARY. COORDINATION WITH TxDOT AND CITY TO PERFORM A TRAFFIC SIGNAL WARRANT ANALYSIS TO JUSTIFY TRAFFIC SIGNAL INSTALLATION WILL BE REQUIRED.

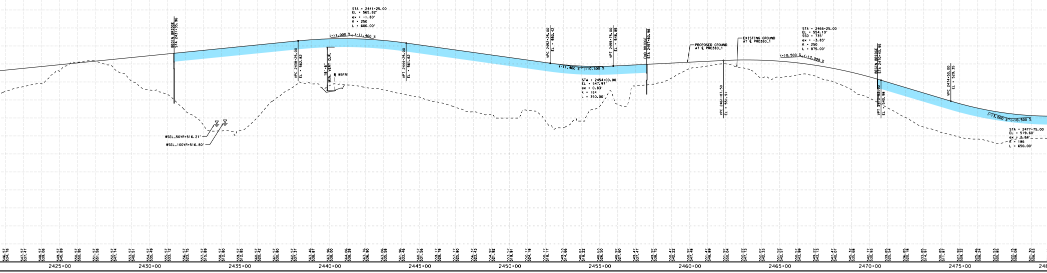

N
HORIZ. 0 50 100 200
VERT. 0 10 20
MATCH LINE STA 2403+00
FM 1377
CR 463
SISTER GROVE CREEK UNNAMED TRIBUTARY
℄ PRO380_1 STA 2408+95.93 = ℄ PROCR1377 STA 29+23.98
PROPOSED CULVERT I-2
℄ WBFR1
STA 4420+47.00
BEGIN ACCESS DENIAL
PROCR1377 STA 31+14.61 = ℄ WBFR1 STA 4411+72.27
BEGIN BRIDGE
℄ PRO380_1
STA 2406+22.44
PROP ROW
US 380 WB FRONTAGE ROAD
US 380 WB MAINLANES
US 380 EB MAINLANES
US 380 EB FRONTAGE ROAD
2405+00
2415+00
2420+00
4405+00
4410+00
4415+00
4420+00
S 41° 20' 00.10" E
PROPOSED CULVERT I-1
℄ EBFR1
STA 4416+32.00
END BRIDGE
℄ PRO380_1
STA 2414+84.44
BEGIN ACCESS DENIAL
℄ PROCR1377 STA 27+33.34 = ℄ EBFR1 STA 4413+99.63
PROPOSED CULVERT H
℄ PROCR1377
STA 26+20.00
PRINCETON ETJ
COLLIN COUNTY LINE
PRINCETON CITY LIMIT
323
324
325
326
327
328
330
331
332
333
334
335
336
337



CURRENT REFINED ALIGNMENT OPTI

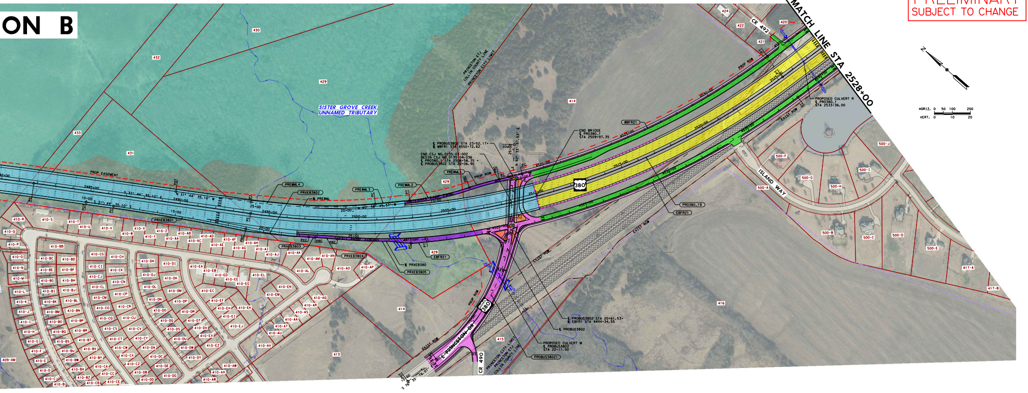

SISTER GROVE CREEK UNNAMED TRIBUTARY
PROPOSED CULVERT J
℄ PRO380_1
STA 2427+35.00
PR2435L1
℄ WBFR1
℄ PR2435L
END ACCESS DENIAL
EXIST ROW
PR2435L2
BEGIN BRIDGE
℄ WBFR1
STA 4434+96.27
END BRIDGE
℄ WBFR1
STA 4438+11.21
WBFR110
EXIT RAMP 2435L
S 38° 09' 06.54" E
ENTRANCE RAMP 2435R
S 44° 55' 08.18" E
℄ PR2435R
PR2435R1
℄ EBFR1
PROP ROW
BEGIN BRIDGE
℄ PRO380_1
STA 2431+36.36
PR2435R2
BEGIN BRIDGE
℄ EBFR1
STA 4432+25.81
END BRIDGE
℄ EBFR1
STA 4435+40.81
EBFR110
WBFR111
WBFR112
℄ PRO380_1
380
E COLLEGE ST
CR 458
EXIST ROW
END BRIDGE
℄ PRO380_1
STA 2457+61.36
US 380 WB MAINLANES
US 380 EB MAINLANES
PRO380_18
BEGIN BRIDGE
℄ PRO380_1
STA 2470+44.35
PROP EASEMENT
PRINCETON ETJ
COLLIN COUNTY LINE
PRINCETON CITY LIMIT
2425+00
2430+00
2435+00
2440+00
2445+00
2455+00
2460+00
2465+00
2470+00
2475+00
4425+00
4430+00
4435+00
4440+00
329
400
401
402
403
404
405
406
408
434
435
436
437
438
439
440
441

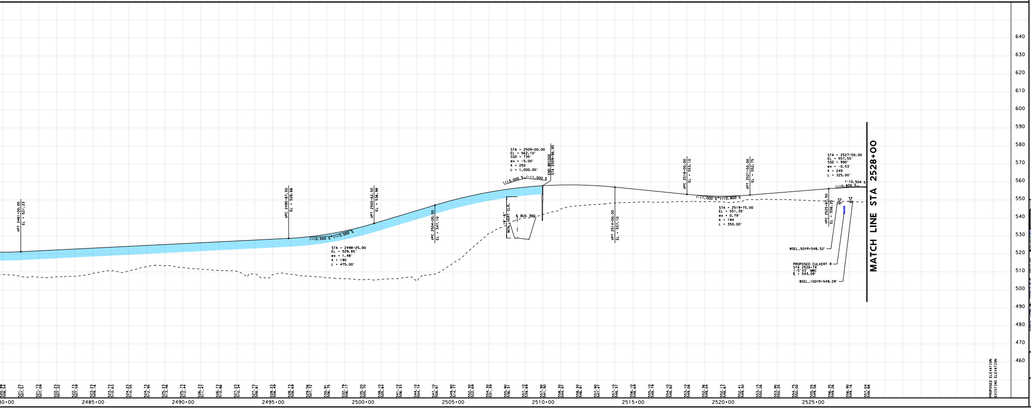
US380 MAINLANES PROFILE



ON B

PRELIMINARY
SUBJECT TO CHANGE


MATCH LINE STA 2528+00
SISTER GROVE CREEK
UNNAMED TRIBUTARY
PRINCETON CITY LIMIT
ISLAND WAY
E PRINCETON DR
CR 490
CR 492
380
END BRIDGE
PROP ROW
EXIST ROW
PROP EASEMENT
PROPOSED CULVERT R
PROPOSED CULVERT M
HORIZ. 0 50 100 200
VERT. 0 10 20



Texas Department of Transportation

© 2022 by Texas Department of Transportation all rights reserved

DALLAS DISTRICT
PUBLIC MEETING
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.,
DISTRICT ENGINEER

US 380 PRINCETON
COLLIN COUNTY, TEXAS

PROJECT LIMIT: FROM FM 1827 TO CR 560
LENGTH OF PROJECT(APPROXIMATELY)=11.8 MI

CSJ 0135-03-056
FROM FM 1827 TO JCT US 380/W. PRINCETON DRIVE

CSJ 0135-16-002
FROM JCT US 380/W. PRINCETON DRIVE
TO JCT US 380/E. PRINCETON DRIVE

CSJ 0135-04-036
FROM JCT US 380/E. PRINCETON DRIVE TO CR 560

ROADWAY TYPE	FUNCTIONAL CLASS	DESIGN SPEED
US 380 MAINLANES	URBAN FREEWAY	70 MPH
US 380 RAMPS	URBAN FREEWAY	50 MPH
US 380 FRONTAGE ROADS	URBAN COLLECTOR	45 MPH
US 380 TURNAROUNDS	URBAN COLLECTOR	20 MPH
US 380 EXISTING	URBAN PRINCIPAL ARTERIAL	40 MPH
BUS US 380	URBAN PRINCIPAL ARTERIAL	40 MPH
CR 404	URBAN MAJOR ARTERIAL	40 MPH
CR 408	URBAN MAJOR COLLECTOR	40 MPH
FM 75	URBAN MAJOR COLLECTOR	40 MPH
FM 1377	URBAN MAJOR COLLECTOR	40 MPH
CR 458	URBAN PRINCIPAL ARTERIAL	40 MPH
CR 559	URBAN LOCAL	30 MPH

NOTE: DESIGN SPEEDS APPLY UNLESS OTHERWISE NOTED ON SCHEMATIC.

TRAFFIC DATA

ADT (2030) = 78,125
ADT (2050) = 119,650
ADT (2060) = 134,675

% TRUCKS:
ADT = 4.2
DHV = 3.4
K = 8.9
DD = 58

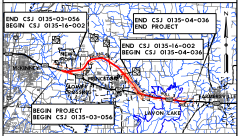
SOURCE: TxDOT TRANSPORTATION PROGRAMMING AND PLANNING DIVISION
MEMO DATED: AUGUST 31, 2020

SCALE: 1"=200' H, 1"=20' V

AUGUST 2022

LEGEND:

— · —	EXISTING ROW	- - -	CITY LIMIT
— · —	PROPOSED ROW	●●●	SIGNALIZED INTERSECTION
·I‡‡	PROPOSED ACCESS DENIAL	▭	USACE AND PARKS
— · —	PROPOSED CENTERLINE/BASELINE	→	CREEKS AND TRIBUTARIES
🟨	PROPOSED MAINLANES	▬	LAKE
🟩	PROPOSED FRONTAGE ROAD	▨	WETLAND
🟪	PROPOSED RAMP	▭	100-YR FLOOD PLAIN
▬	PROPOSED CROSS STREET	⋿ ≡ ≡ ≡	EXISTING CULVERT CROSSING
▬	PROPOSED TURNAROUND	═	PROPOSED CULVERT CROSSING
◀	PROPOSED GORE	— — —	EXISTING EASEMENT USACE
▭	PROPOSED SHARED USE PATH	— — —	PROPOSOSED EASEMENT USACE
▲	PROPOSED DRIVEWAY		
▬	PROPOSED BRIDGE		
▬	PROPOSED SHOULDER		
🟧	PROPOSED RAISED MEDIAN		
┴┴┴	PROPOSED RETAINING WALL		
▨	POTENTIAL DISPLACEMENTS		
▩	PAVEMENT/BRIDGE REMOVAL		
—	EXISTING PROPERTY LIMITS		
100	PARCEL ID		
⇨	EXISTING DIRECTION OF TRAVEL		
➡	PROPOSED DIRECTION OF TRAVEL		


END CSJ 0135-03-056
BEGIN CSJ 0135-16-002
END CSJ 0135-04-036
END PROJECT
END CSJ 0135-16-002
BEGIN CSJ 0135-04-036
BEGIN PROJECT
BEGIN CSJ 0135-03-056
MCKINNEY
NEW HOPE
PRINCETON
LOWRY CROSSING
FARMERSVILLE
LAVON LAKE
ROLL 5
ROLL 6
N

LOCATION MAP (NTS)

PREPARED BY AECOM TECHNICAL SERVICES, INC. TBPE NUMBER F-3580:
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.

Prepared by or under the Direct Supervision of:

NAME	P.E. NUMBER	NAME	P.E. NUMBER
BRAD M. HERNANDEZ	100079	JEFF S. PUSKOS, JR.	97526

AECOM
13355 NOEL ROAD
SUITE 400
DALLAS, TEXAS 75240
214-741-7777

Texas Department of Transportation

© 2022 by Texas Department of Transportation all rights reserved

DISTRICT: DALLAS
COUNTY: COLLIN
DATE: AUGUST 2022

US 380 PRINCETON
PUBLIC MEETING
PRELIMINARY DESIGN SCHEMATIC

ROLL 4 OF 6