Texas Department of Transportation
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DISTRICT: DALLAS
COUNTY: COLLIN
DATE: AUGUST 2022

US 380 PRINCETON
PUBLIC MEETING
PRELIMINARY DESIGN SCHEMATIC

ROLL 2 OF 6

Texas Department of Transportation
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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

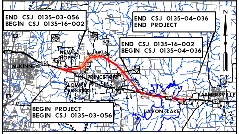
SOURCE: TxDOT TRANSPORTATION PROGRAMMING AND PLANNING DIVISION
MEMO DATED: AUGUST 31, 2020

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

AUGUST 2022

LEGEND:

— · · —	EXISTING ROW
— · · —	PROPOSED ROW
-I-I-I-	PROPOSED ACCESS DENIAL
— · —	PROPOSED CENTERLINE/BASELINE
🟨	PROPOSED MAINLANES
🟩	PROPOSED FRONTAGE ROAD
🟪	PROPOSED RAMP
▬	PROPOSED CROSS STREET
▬	PROPOSED TURNAROUND
◀	PROPOSED GORE
▬	PROPOSED SHARED USE PATH
▲	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
– – –	CITY LIMIT
🔴🟡🟢	SIGNALIZED INTERSECTION
▬	USACE AND PARKS
→	CREEKS AND TRIBUTARIES
🟦	LAKE
▨	WETLAND
▬	100-YR FLOOD PLAIN
E ≡ ≡ ≡	EXISTING CULVERT CROSSING
═	PROPOSED CULVERT CROSSING
— — —	EXISTING EASEMENT USACE
— — —	PROPOSOSED EASEMENT USACE


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
N
NEW HOPE
McKINNEY
PRINCETON
LOWRY CROSSING
FARMERSVILLE
LAVON LAKE

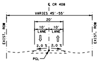
LOCATION MAP (NTS)

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

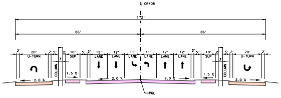
Prepared by or under the Direct Supervision of:

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

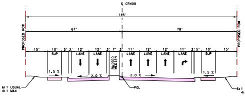
AECOM
13355 NOEL ROAD
SUITE 400
DALLAS, TEXAS 75240
214-741-7777


℄ CR 408
VARIES 45'-55'
20'
10' LANE
10' LANE
2.0 %
2.0 %
EXIST. ROW
EXIST. ROW
PGL

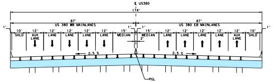
EXISTING CR 408 TYPICAL SECTION
NOT TO SCALE


℄ CR408
172'
86'
86'
20' U-TURN
10' SUP
12' LANE
11' LANE
COLUMN
2.0 %
1.5 %
PGL

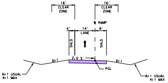
PROPOSED CR 408
AT ℄ OF US380
NOT TO SCALE


℄ CR408
145'
67'
78'
PROPOSED ROW
PROPOSED ROW
10' SUP
12' LANE
11' LANE
RAISED MEDIAN
1.5 %
2.0 %
PGL
6:1 USUAL
4:1 MAX

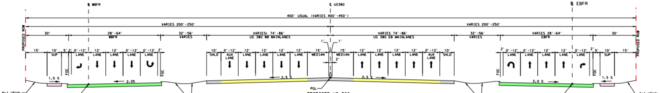
PROPOSED CR 408
NOT TO SCALE


℄ US380
174'
87'
87'
US 380 WB MAINLANES
US 380 EB MAINLANES
10' SHLD
12' AUX LANE
12' LANE
15' MEDIAN
2'
2.5 %
2.5 %
PGL

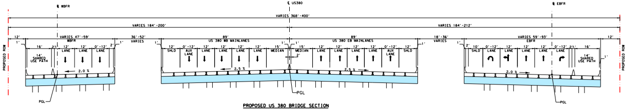
PROPOSED US 380 BRIDGE TYPICAL SECTION
AT CR 408


16' CLEAR ZONE
16' CLEAR ZONE
℄ RAMP
4'
14' LANE
8'
SHLD
SHLD
2.0 %
6:1
6:1
PGL
6:1 USUAL
4:1 MAX

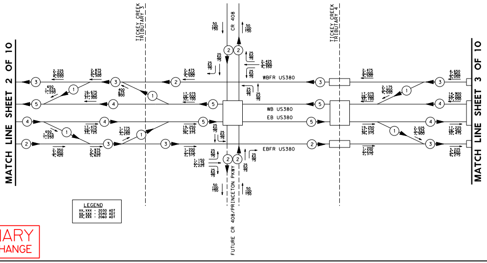
PROPOSED ENTRANCE/EXIT RAMP TYPICAL SECTION
NOT TO SCALE


℄ 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'
PROPOSED ROW
PROPOSED ROW
10' SUP
12' LANE
0'-12' AUX LANE
10' SHLD
15' MEDIAN
FOC
1.5 %
2.0%
2.5 %
PGL
6:1 USUAL
4:1 MAX

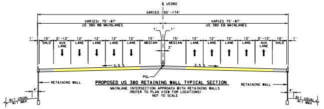
PROPOSED US 380
4-LANE SECTION WITH AUX LANE
STA 2195+00.00 TO STA 2296+35.61
NOT TO SCALE


℄ WBFR
℄ US380
℄ EBFR
VARIES 368'-400'
VARIES 184'-200'
VARIES 184'-212'
VARIES 47'-59' WBFR
36'-52' VARIES
89' US 380 WB MAINLANES
89' US 380 EB MAINLANES
18'-36' VARIES
VARIES 59'-93' EBFR
14' SHARED USE PATH
14' SHARED USE PATH
12' LANE
0'-12' AUX LANE
12' SHLD
15' MEDIAN
2.0 %
2.5 %
PROPOSED ROW
PROPOSED ROW
PGL

PROPOSED US 380 BRIDGE SECTION
STA 2296+35.61 TO STA 2310+00.00
NOT TO SCALE

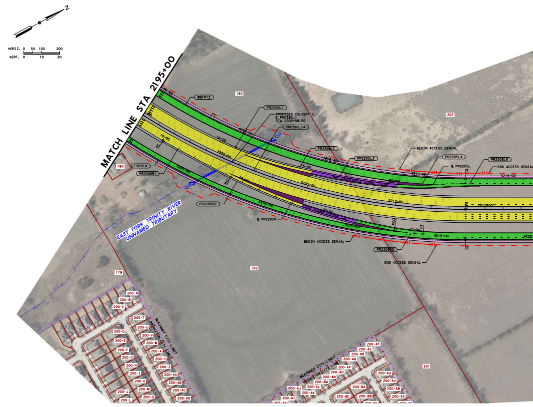

MATCH LINE SHEET 2 OF 10
MATCH LINE SHEET 3 OF 10
TICKEY CREEK TRIBUTARY 3
TICKEY CREEK TRIBUTARY 4
CR 408
FUTURE CR 408/PRINCETON PKWY
WBFR US380
WB US380
EB US380
EBFR US380
LEGEND
XX,XXX - 2030 ADT
XX,XXX - 2040 ADT
XX,XXX - 2060 ADT

PRELIMINARY
SUBJECT TO CHANGE


℄ US380
VARIES 150'-174'
VARIES: 75'-87'
US 380 WB MAINLANES
VARIES 75'-87'
US 380 EB MAINLANES
1'
10'
SHLD
0'-12'
AUX LANE
12'
LANE
15'
MEDIAN
2'
2.5 %
PGL
RETAINING WALL
4'
6:1 USUAL
4:1 MAX

PROPOSED US 380 RETAINING WALL TYPICAL SECTION

MAINLANE INTERSECTION APPROACH WITH RETAINING WALLS
(REFER TO PLAN VIEW FOR LOCATIONS)
NOT TO SCALE


N
HORIZ. 0 50 100 200
VERT. 0 10 20
MATCH LINE STA 2195+00
WBFR13
EBFR16
PR2205R1
PR2205L1
PROPOSED CULVERT C
℄ PRO380_1
STA 2200+58.50
PRO380_14
PR2205L2
PR2205L3
PR2205L4
PR2205L5
PR2205R2
PR2205R3
℄ PR2205L
℄ PR2205R
BEGIN ACCESS DENIAL
END ACCESS DENIAL
EAST FORK TRINITY RIVER
UNNAMED TRIBUTARY
MCKINNEY CITY LIMIT
PRINCETON CITY LIMIT
10+00
15+00
20+00
25+00
2200+00
2205+00
2210+00
2215+00
4205+00
4210+00
4215+00
180
182
179
201
202
200-A
200-B
200-C
200-D
200-E
200-F
200-G
200-H
200-I
200-J
200-K
200-L
200-M
200-N
200-O
200-T
200-U
200-V
200-W
200-X
200-Y
200-Z
200-AA
200-AB
200-AC
200-AD
200-AI
200-AJ
200-AK
200-AL
200-AM
200-AN
200-AO
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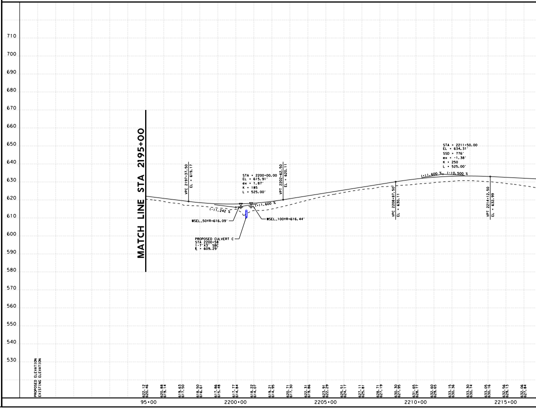
200-AW
200-AX
200-BA
200-BB
200-BE



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_14	2199+94.30	7125274.430	2567758.230	51° 55' 12.10"	3330	1° 43' 14.14"	1621.27	3017.56	373.70	N 57° 20' 5.77" E	2915.37	336.00	2183+73.03	2213+90.59
	PRO380_15	2246+16.40	7129412.766	2570281.796	51° 23' 9.95"	3200	1° 47' 25.78"	1539.58	2869.94	351.10	N 57° 4' 4.70" E	2774.72	316.39	2230+76.82	2259+46.76
	PRO380_16	2301+08.82	7130131.219	2575937.985	40° 21' 44.70"	3200	1° 47' 25.78"	1176.18	2254.26	209.31	S 77° 3' 27.98" E	2207.94	196.46	2289+32.64	2311+86.90
EBFR1	EBFR14	4201+69.31	7125117.129	2567859.080	51° 55' 12.10"	3498	1° 38' 16.85"	1703.07	3169.69	392.56	N 57° 20' 5.77" E	-3062.46	352.95	4184+66.24	4216+35.94
	EBFR15	4247+80.92	7129256.290	2570383.149	51° 23' 9.95"	3032	1° 53' 23.24"	1458.75	2719.15	332.67	N 57° 4' 4.70" E	-2629.05	299.77	4233+22.17	4260+41.31
	EBFR16	4301+41.62	7129956.777	2575897.897	40° 21' 44.70"	3032	1° 53' 23.24"	1114.43	2135.82	198.32	S 77° 3' 27.98" E	-2092.02	186.15	4290+27.19	4311+63.01
WBFR1	WBFR13	4199+36.74	7125431.731	2567657.380	51° 55' 12.10"	3162	1° 48' 43.51"	1539.48	2865.21	354.85	N 57° 20' 5.77" E	-2768.29	319.05	4183+97.26	4212+62.47
	WBFR14	4245+69.10	7129569.242	2570180.443	51° 23' 9.95"	3368	1° 42' 4.48"	1620.41	3020.50	369.53	N 57° 4' 4.70" E	-2920.39	333.00	4229+48.70	4259+69.20
	WBFR15	4301+93.01	7130305.660	2575978.072	40° 21' 44.70"	3368	1° 42' 4.48"	1237.93	2372.52	220.30	S 77° 3' 27.98" E	-2323.86	206.77	4289+55.08	4313+27.60
PR2205R	PR2205R1	12+14.16	7125525.634	2567588.721	3° 12' 40.74"	7640	0° 44' 59.82"	214.16	428.2	3	N 59° 27' 35.10" E	-428.15	3	10+00.00	14+28.20
	PR2205R2	19+10.88	7125896.405	2568178.73	16° 32' 2.91"	3322	1° 43' 29.29"	482.68	958.61	34.88	N 49° 35' 13.28" E	-955.32	34.52	14+28.20	23+86.81
	PR2205R3	24+67.88	7126319.794	2568550.948	6° 3' 56.62"	1530	3° 44' 43.76"	81.06	161.95	2.15	N 38° 17' 13.51" E	-161.9	2.14	23+86.81	25+48.76
PR2205L	PR2205L1	12+25.71	7125814.867	2567758.242	12° 16' 9.17"	2100	2° 43' 43.06"	225.71	449.65	12.09	N 50° 2' 14.96" E	-448.83	12.03	10+00.00	14+49.65
	PR2205L2	14+93.45	7126009.054	2567945.131	0° 39' 22.07"	7650	0° 44' 56.29"	43.8	87.6	0.13	N 44° 13' 51.41" E	-87.6	0.13	14+49.65	15+37.25
	PR2205L3	17+79.84	7126213.113	2568146.073	8° 34' 27.26"	3236	1° 46' 14.32"	242.58	484.24	9.08	N 40° 16' 18.81" E	-483.81	9.05	15+37.25	20+21.50
	PR2205L4	21+41.84	7126506.787	2568359.32	8° 59' 41.83"	1530	3° 44' 43.76"	120.35	240.15	4.73	N 31° 29' 14.27" E	-239.95	4.71	20+21.50	22+61.65
	PR2205L5	23+71.34	7126711.768	2568463.717	4° 23' 6.37"	2865	1° 59' 59.83"	109.69	219.26	2.1	N 29° 10' 56.54" E	-219.22	2.1	22+61.65	24+80.91
PR2243R	PR2243R1	11+92.73	7128153.032	2569684.612	0° 57' 48.82"	22920	0° 14' 59.93"	192.73	385.45	0.81	N 30° 53' 35.31" E	-385.45	0.81	10+00.00	13+85.45
	PR2243R2	15+81.93	7128488.692	2569881.632	14° 38' 7.78"	1530	3° 44' 43.76"	196.48	390.75	12.56	N 37° 43' 44.79" E	-389.76	12.46	13+85.45	17+76.20
	PR2243R3	18+53.66	7128682.237	2570075.494	2° 51' 39.00"	3102	1° 50' 49.70"	77.46	154.88	0.97	N 46° 28' 38.18" E	-154.87	0.97	17+76.20	19+31.08
	PR2243R4	20+10.57	7128787.446	2570191.962	1° 11' 32.09"	7640	0° 44' 59.82"	79.49	158.98	0.41	N 47° 18' 41.64" E	-158.98	0.41	19+31.08	20+90.06
	PR2243R5	23+16.98	7128997.528	2570415.016	12° 25' 21.33"	2085	2° 44' 53.74"	226.92	452.02	12.31	N 52° 55' 36.26" E	-451.17	12.24	20+90.06	25+42.07
PR2243L	PR2243L1	11+98.72	7128335.199	2569453.689	10° 45' 1.03"	2112	2° 42' 47.24"	198.72	396.23	9.33	N 36° 45' 0.23" E	-395.69	9.29	10+00.00	13+96.23
	PR2243L2	14+24.35	7128503.438	2569605.839	0° 59' 1.55"	3275	1° 44' 58.41"	28.12	56.23	0.12	N 41° 37' 59.97" E	-56.23	0.12	13+96.23	14+52.46
	PR2243L3	21+25.36	7129031.362	2570067.049	22° 59' 45.22"	3308	1° 43' 55.57"	672.9	1327.63	67.74	N 52° 38' 21.81" E	-1318.79	66.39	14+52.46	27+80.09
	PR2243L4	28+04.25	7129335.429	2570694.29	1° 19' 10.28"	2098	2° 43' 52.43"	24.16	48.31	0.14	N 63° 28' 39.28" E	-48.32	0.14	27+80.09	28+28.40
PR2272R	PR2272R1	10+71.52	7129608.563	2572426.391	2° 51' 35.71"	2865	1° 59' 59.84"	71.52	143	0.89	N 84° 11' 27.53" E	-142.99	0.89	10+00.00	11+43.00
	PR2272R2	24+74.45	7129715.686	2573825.262	2° 51' 35.71"	2865	1° 59' 59.84"	71.52	143	0.89	N 84° 11' 27.53" E	-142.99	0.89	24+02.93	25+45.93
PR2272L	PR2272L1	10+64.38	7129778.419	2572557.351	2° 34' 28.40"	2865	1° 59' 59.84"	64.38	128.73	0.72	N 81° 28' 25.47" E	-128.73	0.72	10+00.00	11+28.73
	PR2272L2	26+22.70	7130044.028	2574092.898	2° 34' 28.40"	2879	1° 59' 24.82"	64.69	129.36	0.73	N 81° 28' 25.47" E	-129.36	0.73	25+58.01	26+87.37

SUPERELEVATION TRANSITION TABLE

DESCRIPTION	ALIGNMENT	BEGIN			END			LENGTH
		STA	e (LT)/(RT)		STA	e (LT)/(RT)		FT
TRANSITION	℄ PRO380_14	2177+61.00	2.50%	-2.50%	2184+81.00	5.80%		720
FULL SUPER		2184+81.00	5.80%		2214+39.00	5.80%		2958
TRANSITION		2214+39.00	5.80%		2221+59.00	2.50%	-2.50%	720
TRANSITION	℄ PRO380_15	2225+12.00	2.50%	-2.50%	2232+42.00	-4.60%		730
FULL SUPER		2232+42.00	-4.60%		2276+69.00	-4.60%		4427
TRANSITION		2276+69.00	-4.60%		2283+99.00	2.50%	-2.50%	730
TRANSITION	℄ PRO380_16	2292+84.00	2.50%	-2.50%	2299+74.00	-5.50%		690
FULL SUPER		2299+74.00	-5.50%		2319+97.00	-5.50%		2023
TRANSITION		2319+97.00	-5.50%		2326+87.00	2.50%	-2.50%	690

SUPERELEVATION SIGN DIAGRAM

PROPERTY OWNERS

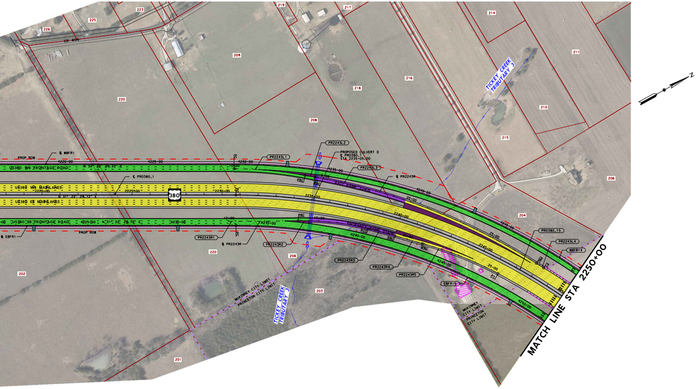
PARCEL	OWNER	OCCUPANT
182	POTTER THOMAS WESLEY & RONALD LEE POTTER	RESIDENTIAL
200-A	TRUITT, JEFFREY PAUL	RESIDENTIAL
200-B	FISHER JONATHAN & TIFFANY	RESIDENTIAL
200-C	MACALLISTER SIDNEY & ROBYN	RESIDENTIAL
200-D	HARRIS MISTY & CLAYTON	RESIDENTIAL
200-E	FONKWO ARAH & YOLANDA S NGUNDAM	RESIDENTIAL
200-F	TOUSSI VICKI	RESIDENTIAL
200-G	DAY KELTON ALLEN & AUBREY NICOLE SMITH	RESIDENTIAL
200-H	JOSHUA MALAINA & CAMILLE	RESIDENTIAL
200-I	MARTINEZ-GALVAN NOE & CYNTHIA SANCHEZ	RESIDENTIAL
200-J	SOTO TIRZE JENNIFER VENEGAS &	RESIDENTIAL
200-K	PORTER AMANDA M & MICHAEL D	RESIDENTIAL
200-L	WAKENE ASKALECH	RESIDENTIAL
200-M	NGUYEN TIN	RESIDENTIAL
200-N	LYONS EMMETT D & ERICA D	RESIDENTIAL
200-O	LU HAN &	RESIDENTIAL
200-P	HATHORNE SAPHIRE	RESIDENTIAL
200-Q	CARMONA MARK A & ANAIDA C	RESIDENTIAL
200-R	TEETERS STEVEN JOHN & HEIDI	RESIDENTIAL
200-S	SCOTT JEFFREY ASHTON & AMY	RESIDENTIAL
200-T	HARRIS, JOSHUA D	RESIDENTIAL
200-U	GRAVES ANTHONY	RESIDENTIAL
200-V	ALBA JOHN JR &	RESIDENTIAL
200-W	BOOTH FRANK &	RESIDENTIAL
200-X	SMITH LAWRENCE DALE & JUNE ALLEN	RESIDENTIAL
200-Y	LOPEZ CHRISTINE	RESIDENTIAL
200-Z	JEFFREY RANDALL	RESIDENTIAL
200-AA	LE DAVID MINH	RESIDENTIAL
200-AB	HENRY-AGUILAR JULIE ELLEN & JASON GERARD AGUILAR	RESIDENTIAL
200-AC	MCKEE SCOTT CARL &	RESIDENTIAL
200-AD	HANSEN MATTHEW WAYNE &	RESIDENTIAL
200-AE	EVANS KAREEM D & KENYA S	RESIDENTIAL
200-AF	WRIGHT ERICA JO	RESIDENTIAL
200-AG	NABORS STEVE CLIFTON	RESIDENTIAL
200-AH	MCCRACKEN ASHLEY	RESIDENTIAL
200-AI	BROWN CYNTHIA FAYE	RESIDENTIAL
200-AJ	PROGRESS DALLAS LLC	RESIDENTIAL
200-AK	VALENZUELA SERGIO TAMAYO & SANDRA LIZALDE TAMAYO	RESIDENTIAL
200-AL	ROMANCHENKO VADIM	RESIDENTIAL
200-AM	UYINMWEN OSUYI IREDIA & TINA GOLD	RESIDENTIAL
200-AN	PARSONS JEFFREY NELS &	RESIDENTIAL
200-AO	KROVVIDI RAVI KIRAN & GAYATHRI GOVINDARAJU	RESIDENTIAL
200-AP	KAZYAKA KARA & CHARLES A PRITCHETT	RESIDENTIAL
200-AQ	ADAMS TEQUILA & DONNELL	RESIDENTIAL
200-AR	AVRIT BAILIE NICOLE	RESIDENTIAL
200-AS	MOODY ADAM CHRISTOPHER & NICOLE DIANE	RESIDENTIAL
200-AT	LEWIS KENDRICK NIKKIL	RESIDENTIAL
200-AU	RAI MALLIKA & PUSHPINDER NATH	RESIDENTIAL
200-AV	TEXAS DNR GROUP LLC	RESIDENTIAL
200-AW	SFR JV-2 PROPERTY LLC	RESIDENTIAL
200-AX	SANCHEZ FLORINE	RESIDENTIAL
200-AY	DAI HANG YAN &	RESIDENTIAL
200-BA	BROWN JOSEPH &	RESIDENTIAL

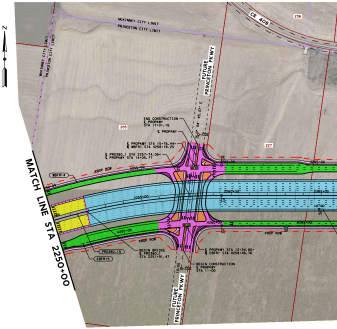
PROPERTY OWNERS

PARCEL	OWNER	OCCUPANT
200-BB	OBREGON JOSE	RESIDENTIAL
200-BC	REYNA SANTANA &	RESIDENTIAL
200-BD	ROBLES ALFREDO BENITEZ & MICHAELA RENEE BENITEZ	RESIDENTIAL
200-BE	KAUR SHARNJIT	RESIDENTIAL
200-BF	JARRELL DAVID ALAN	RESIDENTIAL
201	YELURI SRILAKSHMI &	VACANT
202	KTSN LLC	VACANT
202	DAISY DOES LLC & UMA CHINTAPALLI & KALYANA NANDIPATI	VACANT
203	MM PRINCETON 854 LLC	VACANT
204	WILKINSON RANDALL W & HILDE A	RESIDENTIAL
205	PRINCETN49 GROUP LLC	VACANT
206	DICKERMAN ROBERT D	RESIDENTIAL
207	HENDRICKS JACKIE & SUE	VACANT
208	NO INFORMATION AVAILABLE	VACANT
209	NO INFORMATION AVAILABLE	VACANT
210	FERREIRE JESUS	FARM
211	THE MADRIGAL JUAN OTONIEL & ARMANDINA MADRIGAL LIVING TRUST	RESIDENTIAL
212	BORDEN TROY R & CAROL	RESIDENTIAL
213	GARY ROBERT J	VACANT
214	FERREIRE JESUS	FARM
215	HEER BERNARD D & SUSAN B	RESIDENTIAL
216	WILKINSON RANDALL & HILDE	VACANT
217	HALL KENNETH W & PAMALA J	RESIDENTIAL
218	KLEIN ANTHONY J & CASEY	RESIDENTIAL
219	MILLIGAN WATER SUPPLY CO	MILLIGAN WATER SUPPLY CO
220	MYNENI HARI PRASAD	VACANT
221	MINNIS JOHN A ETAL	RESIDENTIAL
222	LINDSEY MICHAEL & SHELLEY	RESIDENTIAL
223	TRAVIS FAMILY TRUST	RESIDENTIAL
224	TRAVIS FAMILY TRUST	VACANT
225	ROBERTS MARK S	RESIDENTIAL
226	PRYOR KEITH A & RHONDA J	RESIDENTIAL
227	SRK GROUP LLC	VACANT
228	SRK GROUP LLC	VACANT
229	SS DEE & SRA LLC	VACANT
230	PRINCETON ESTATES TX LLC	VACANT
231	PRINCETON ESTATES TX LLC	VACANT
232	MERITAGE HOMES OF TEXAS & GRBK EDGEWOOD LLC	VACANT
233	SHOOLIN VENTURES LLC	VACANT
234	ZENVOY LLC	VACANT
235	ALOKAH VENTURES LLC	VACANT
236	BAVIREDDY RAMESH & DEEPIKA REDDY BAVIREDDY	VACANT
237	SVM ESTATES LLC	VACANT
238	PEREZ MARGARITA DE LEON	VACANT
239	VITALE KIM	RESIDENTIAL

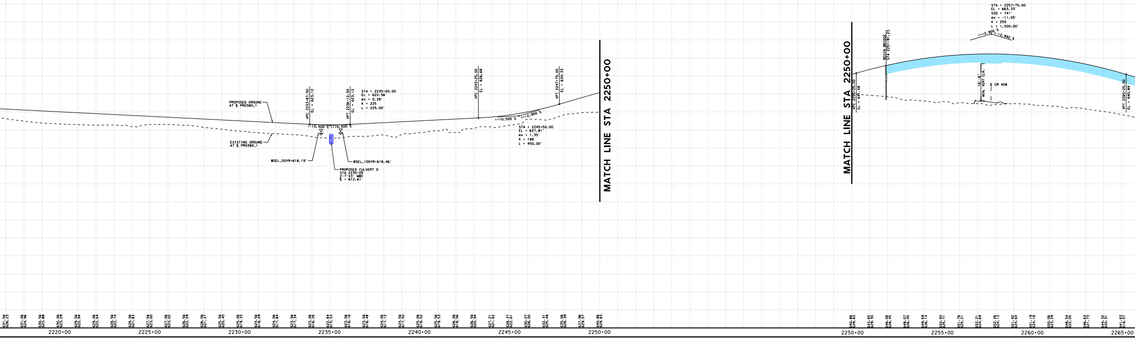
NOTES:

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.

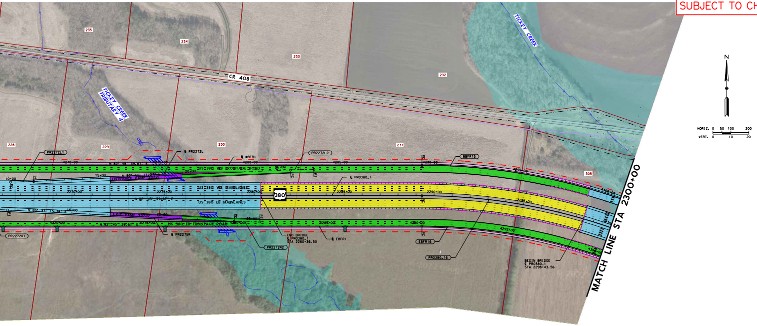

US380 WB FRONTAGE ROAD
US380 WB MAINLANES
US380 EB MAINLANES
US380 EB FRONTAGE ROAD
380
N 31° 22' 29.72" E
PROP ROW
℄ WBFR1
℄ EBFR1
℄ PRO380_1
PROPOSED CULVERT D
℄ PRO380_1
STA 2235+05.00
PR2243L1
PR2243L2
PR2243L3
PR2243L4
℄ PR2243R
PR2243R1
PR2243R2
PR2243R3
PR2243R4
PR2243R5
PRO380_15
WBFR14
EBFR15
EXIT RAMP 2243L
ENTRANCE RAMP 2243R
PRC
PCC
PC
PT
TICKEY CREEK TRIBUTARY 3
McKINNEY CITY LIMIT
PRINCETON CITY LIMIT
CR 406
2220+00
2225+00
2230+00
2235+00
2240+00
2245+00
4220+00
4225+00
4230+00
4235+00
4240+00
4245+00
4250+00
10+00
15+00
20+00
25+00
201
202
203
204
206
208
209
210
211
214
215
216
217
218
219
220
223
225
226
MATCH LINE STA 2250+00
N


N
McKINNEY CITY LIMIT
PRINCETON CITY LIMIT
CR 408
FUTURE PRINCETON PKWY
N 0° 04' 45.37" E
END CONSTRUCTION
℄ PROPKWY
STA 17+01.16
℄ PROPKWY
℄ PROPKWY STA 15+76.44=
℄ WBFR1 STA 4258+18.25
℄ PRO380_1 STA 2257+74.06=
℄ PROPKWY STA 14+05.77
WBFR14
PROP ROW
BEGIN BRIDGE
℄ PRO380_1
STA 2251+91.47
PRO380_15
EBFR15
℄ PROPKWY STA 12+34.80=
℄ EBFR1 STA 4258+46.76
BEGIN CONSTRUCTION
℄ PROPKWY
STA 11+00
POT
10+00
2255+00
2260+00
4255+00
4260+00
4265+00
205
227
236
MATCH LINE STA 2250+00

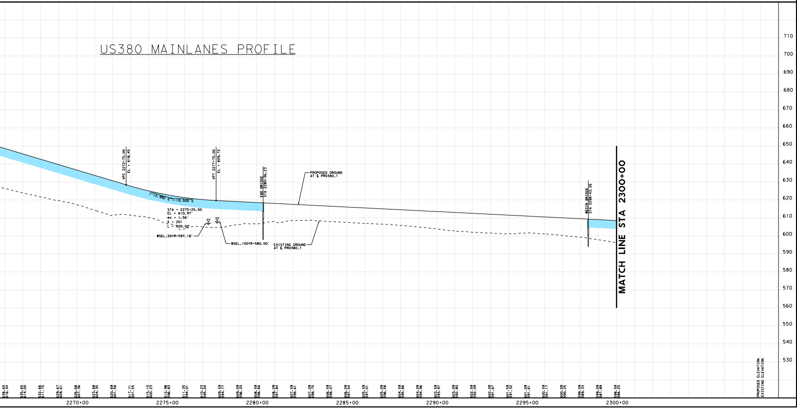
US380 MAINLANES PROFILE


PROPOSED GROUND
AT ℄ PRO380_1
EXISTING GROUND
AT ℄ PRO380_1
VPC 2233+87.50
EL = 623.12
VPT 2236+12.50
EL = 623.12
STA = 2235+00.00
EL = 622.56'
ex = 0.28'
K = 225
L = 225.00'
(-)0.500 %
(+)0.500 %
WSEL_50YR=618.19'
WSEL_100YR=618.46'
PROPOSED CULVERT D
STA 2235+05
2-7'X3' MBC
℄ = 612.61
VPC 2243+25.00
EL = 626.68
VPT 2247+75.00
EL = 634.33
(+)0.500 %
(+)2.900 %
STA = 2245+50.00
EL = 627.81'
ex = 1.35'
K = 188
L = 450.00'
MATCH LINE STA 2250+00
VPC 2250+25.00
EL = 641.58
BEGIN BRIDGE
STA 2251+91.23
STA = 2257+75.00
EL = 663.33'
SSD = 741'
ex = -11.05'
K = 255
L = 1,500.00'
(+)2.900 %
(-)2.992 %
16'-6"
MIN. VERT CLR.
℄ CR 408
VPT 2265+25.00
EL = 640.89
2220+00
2225+00
2230+00
2235+00
2240+00
2245+00
2250+00
2250+00
2255+00
2260+00
2265+00

PRELIMINARY
SUBJECT TO CHANGE


CR 408
TICKEY CREEK
TICKEY CREEK TRIBUTARY 4
235
234
233
232
231
230
229
228
305
PR2272L1
PR2272L
PR2272L2
WBFR1
WBFR15
US 380 WB FRONTAGE ROAD
ENTRANCE RAMP
US 380 WB MAINLANES
US 380 EB MAINLANES
EXIT RAMP
US 380 EB FRONTAGE ROAD
380
℄ PRO380_1
PR2272R1
PR2272R
PR2272R2
EBFR1
EBFR16
PRO380_16
END BRIDGE ℄ PRO380_1 STA 2280+36.50
BEGIN BRIDGE ℄ PRO380_1 STA 2298+43.56
MATCH LINE STA 2300+00
N
HORIZ. 0 50 100 200
VERT. 0 10 20

US380 MAINLANES PROFILE



Texas Department of Transportation
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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

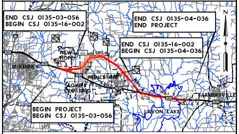
SOURCE: TxDOT TRANSPORTATION PROGRAMMING AND PLANNING DIVISION
MEMO DATED: AUGUST 31, 2020

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
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:

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
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DISTRICT: DALLAS
COUNTY: COLLIN
DATE: AUGUST 2022

US 380 PRINCETON
PUBLIC MEETING
PRELIMINARY DESIGN SCHEMATIC

ROLL 2 OF 6