Texas Department of Transportation
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DALLAS DISTRICT
DESIGN SCHEMATIC

CEASON CLEMENS, P.E.,
DISTRICT ENGINEER

US 380 PRINCETON
COLLIN COUNTY, TEXAS

PROJECT LIMIT: FROM FM 1827 TO CR 560
LENGTH OF PROJECT(APPROX.)=11.7 MI (61,935.0 LF)
ROADWAY=7.7 MI (40,817.50 LF) BRIDGE=4.0 MI (21,117.50 LF)

CSJ 0135-03-056 (1.07 MI)
FROM FM 1827 TO JCT US 380/W. PRINCETON DRIVE

CSJ 0135-16-002 (6.83 MI)
FROM JCT US 380/W. PRINCETON DRIVE
TO JCT US 380/E. PRINCETON DRIVE

CSJ 0135-04-036 (3.81 MI)
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 U-TURNS	URBAN COLLECTOR	20 MPH
US 380 TRANSITION	URBAN PRINCIPAL ARTERIAL	60 MPH
E AND W PRINCETON DR	URBAN PRINCIPAL ARTERIAL	45 MPH
CR 458	URBAN PRINCIPAL ARTERIAL	40 MPH
CR 408, FUTURE PRINCETON PKWY	URBAN MAJOR COLLECTOR	40 MPH
FUTURE ROAD/TWIN GROVE PARK RD (20 MPH WITHIN PARK)	URBAN MAJOR COLLECTOR	30 MPH
CR 404	URBAN MAJOR ARTERIAL	40 MPH
FM 75, FM 1377	URBAN MAJOR ARTERIAL	45 MPH
CR 559	URBAN MAJOR ARTERIAL	30 MPH
CR 330E, CR 337, CR 406, CR 463, CR 492, CR 985, CR 557	URBAN LOCAL	30 MPH
PROPOSED LOCAL ROAD, McKISSICK DR, BIGGS RD, COLLEGE ST, CADDO PARK RD	URBAN LOCAL	30 MPH
CR 1084, CR 407, ISLAND WAY, CALMWATER COVE	URBAN LOCAL	25 MPH
CR 330W	URBAN LOCAL	20 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
DECEMBER 2023

DISTRICT: DALLAS
COUNTY: COLLIN
DATE: DECEMBER 2023

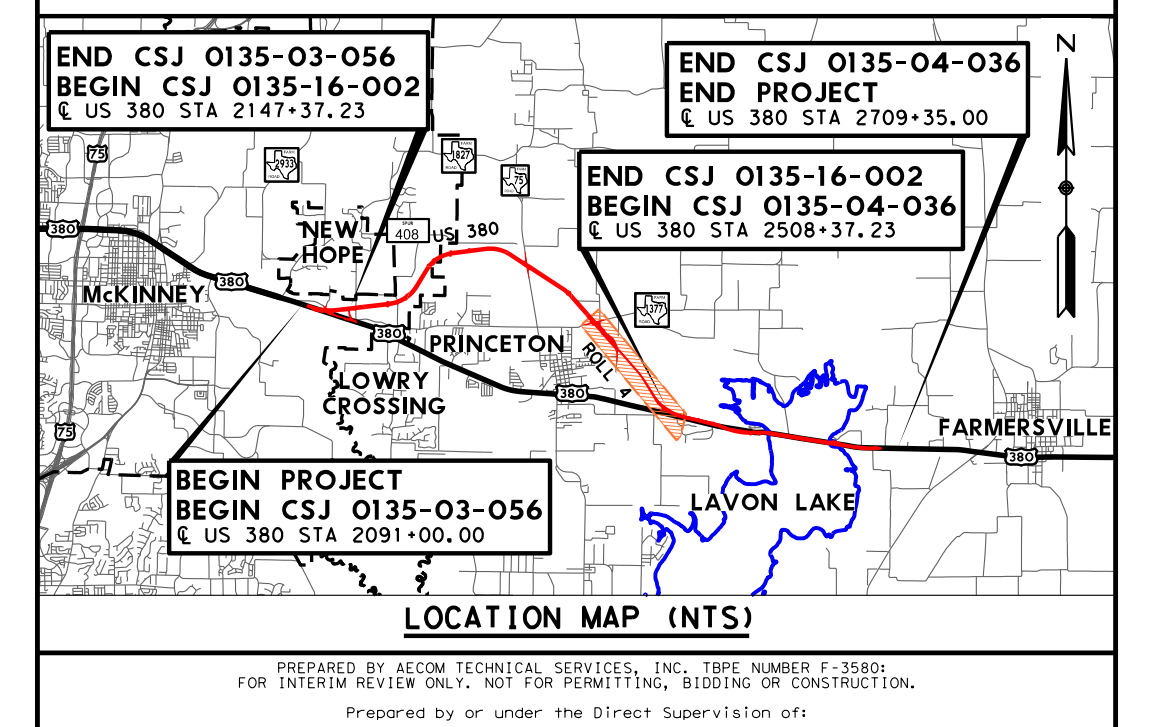
US 380 PRINCETON
100% DESIGN SCHEMATIC

ROLL 4 OF 13

LEGEND:

- EXISTING PAVEMENT
- PROPOSED INTERIM PAVEMENT
- PROPOSED BRIDGE
- PROPOSED MAINLANES
- PROPOSED RAMP
- PROPOSED FRONTAGE ROAD
- PROPOSED DRIVEWAY(REPLACE)
- PROPOSED CROSS STREET
- PROPOSED SHARED USE PATH
- PROPOSED RAISED MEDIAN
- PROPOSED CONCRETE RIPRAP
- DISPLACEMENTS
- PAVEMENT/BRIDGE REMOVAL
- 100-YR FLOOD PLAIN
- USACE AND PARKS
- LAKE
- WETLAND
- EXISTING SIGNAL
- 100 PARCEL ID
- EXISTING DIRECTION OF TRAVEL
- PROPOSED DIRECTION OF TRAVEL
- DRAINAGE FLOW
- EXISTING PROPERTY LIMITS
- EXISTING EASEMENT
- PROPOSED EASEMENT (USACE)
- EXISTING ROW
- PROPOSED ROW
- EXISTING CULVERT CROSSING
- PROPOSED CULVERT CROSSING
- PROPOSED CENTERLINE/BASELINE
- PROPOSED ACCESS DENIAL
- PROPOSED DRILLED SHAFT WALL
- PROPOSED NOISE WALL
- PROPOSED RETAINING WALL
- PROPOSED SSCB
- CITY LIMIT
- PROPOSED DITCH

- CATV1 CATV1 SPECTRUM
- CATV1(D) CATV1 SPECTRUM
- E2 ELECTRIC GCEC
- E2(D) ELECTRIC GCEC
- E1 ELECTRIC ONCOR
- E1(D) ELECTRIC ONCOR
- OHE ELECTRIC OVERHEAD
- E3 ELECTRIC TNMP
- E3(D) ELECTRIC TNMP
- FOC3 FIBER OPTIC ATT
- FOC3(D) FIBER OPTIC ATT
- FOC9 FIBER OPTIC SPECTRUM
- FOC10(D) FIBER OPTIC SUDDENLINK
- FOC1(D) FIBER OPTIC TX GAS UTILITY
- FOC4(D) FIBER OPTIC UPN
- FOC2 FIBER OPTIC ZAYO
- FOC2(D) FIBER OPTIC ZAYO
- FM2(D) FORCE MAIN CITY OF FARMERSVILLE
- FM1(D) FORCE MAIN CITY OF PRINCETON
- G1 GAS ATMOS
- G1(D) GAS ATMOS
- G2 GAS SIENERGY
- G2(D) GAS SIENERGY
- PL1(D) PIPELINE ATMOS MIDTX
- SD2 STORM DRAIN COUNTY
- SD2(D) STORM DRAIN COUNTY
- SD1 STORM DRAIN TXDOT
- SD1(D) STORM DRAIN TXDOT
- T1 TELEPHONE ATT
- T1(D) TELEPHONE ATT
- WW2(D) WASTEWATER CITY OF FARMERSVILLE
- WW1 WASTEWATER CITY OF PRINCETON
- WW1(D) WASTEWATER CITY OF PRINCETON
- W5(D) WATER CULLEUKA WSC
- W2 WATER CITY OF FARMERSVILLE
- W2(D) WATER CITY OF FARMERSVILLE
- W3(D) WATER MILLIGAN WSC
- W4(D) WATER NORTH COLLINS SUD
- W6 WATER NTMWD
- W6(D) WATER NTMWD
- W1(D) WATER CITY OF PRINCETON

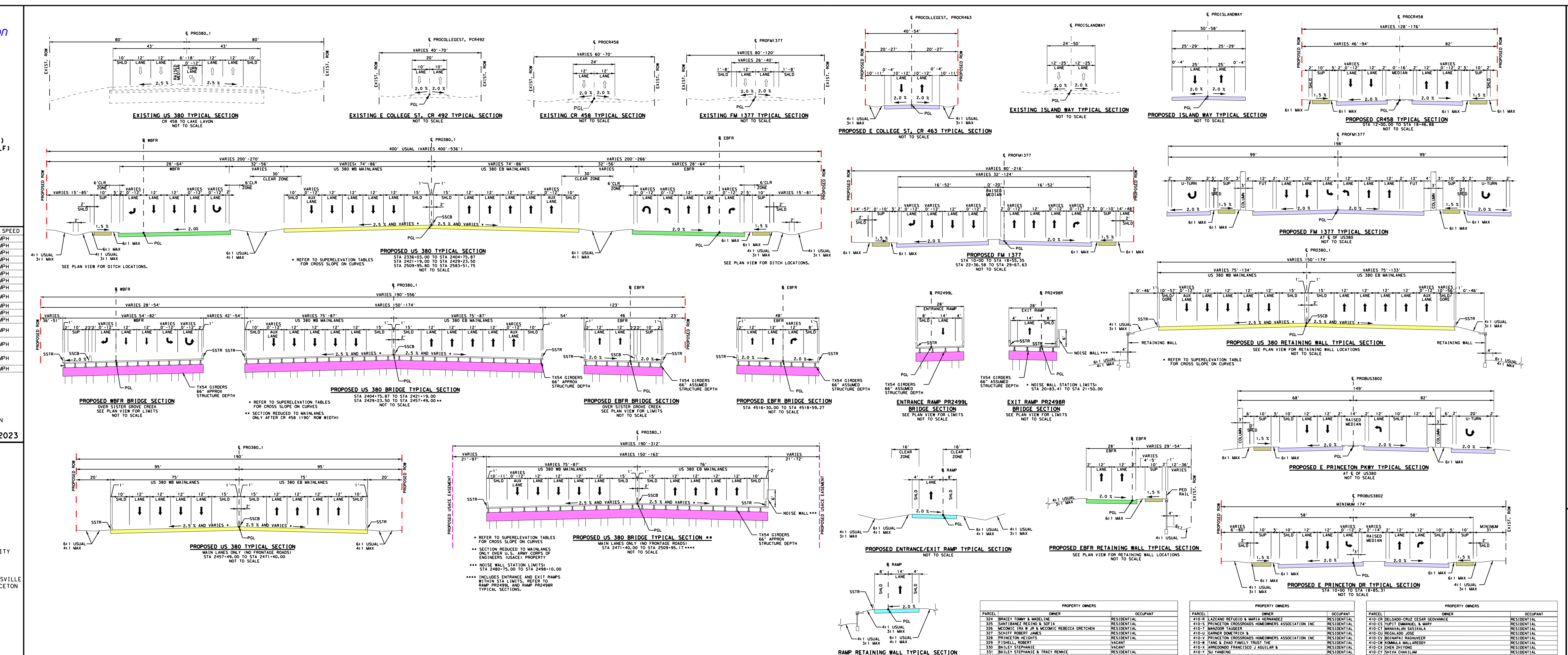


LOCATION MAP (NTS)

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

TXDOT DALLAS DISTRICT
DESIGN SCHEMATIC APPROVED
DATE: 12-10-2023



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

EXISTING E COLLEGE ST, CR 492 TYPICAL SECTION
NOT TO SCALE

EXISTING CR 458 TYPICAL SECTION
NOT TO SCALE

EXISTING FM 1377 TYPICAL SECTION
NOT TO SCALE

PROPOSED E COLLEGE ST, CR 463 TYPICAL SECTION
NOT TO SCALE

EXISTING ISLAND WAY TYPICAL SECTION
NOT TO SCALE

PROPOSED ISLAND WAY TYPICAL SECTION
NOT TO SCALE

PROPOSED CR458 TYPICAL SECTION
STA 12+00.00 TO STA 18+46.88
NOT TO SCALE

SEE PLAN VIEW FOR DITCH LOCATIONS.

* REFER TO SUPERELEVATION TABLES FOR CROSS SLOPE ON CURVES

PROPOSED US 380 TYPICAL SECTION
STA 2336+03.00 TO STA 2404+75.87
STA 2421+19.00 TO STA 2429+23.50
STA 2509+95.80 TO STA 2583+51.75
NOT TO SCALE

SEE PLAN VIEW FOR DITCH LOCATIONS.

PROPOSED FM 1377
STA 10+00 TO STA 18+55.35
STA 22+36.58 TO STA 29+67.63
NOT TO SCALE

PROPOSED FM 1377 TYPICAL SECTION
AT ℄ OF US380
NOT TO SCALE

* REFER TO SUPERELEVATION TABLE FOR CROSS SLOPE ON CURVES

PROPOSED US 380 RETAINING WALL TYPICAL SECTION
SEE PLAN VIEW FOR RETAINING WALL LOCATIONS
NOT TO SCALE

PROPOSED WBFR BRIDGE SECTION
OVER SISTER GROVE CREEK
SEE PLAN VIEW FOR LIMITS
NOT TO SCALE

* REFER TO SUPERELEVATION TABLES FOR CROSS SLOPE ON CURVES
** SECTION REDUCED TO MAINLANES ONLY AFTER CR 458 (190' ROW WIDTH)

PROPOSED US 380 BRIDGE TYPICAL SECTION
STA 2404+75.87 TO STA 2421+19.00
STA 2429+23.50 TO STA 2457+49.00**
NOT TO SCALE

PROPOSED EBFR BRIDGE SECTION
OVER SISTER GROVE CREEK
SEE PLAN VIEW FOR LIMITS
NOT TO SCALE

PROPOSED EBFR BRIDGE SECTION
STA 4516+30.00 TO STA 4518+59.27
NOT TO SCALE

ENTRANCE RAMP PR2499L
BRIDGE SECTION
SEE PLAN VIEW FOR LIMITS
NOT TO SCALE

* NOISE WALL STATION LIMITS:
STA 20+83.41 TO STA 21+50.00

EXIT RAMP PR2498R
BRIDGE SECTION
SEE PLAN VIEW FOR LIMITS
NOT TO SCALE

PROPOSED E PRINCETON PKWY TYPICAL SECTION
AT ℄ OF US380
NOT TO SCALE

PROPOSED US 380 TYPICAL SECTION
MAIN LANES ONLY (NO FRONTAGE ROADS)
STA 2457+49.00 TO STA 2471+40.00
NOT TO SCALE

* REFER TO SUPERELEVATION TABLES FOR CROSS SLOPE ON CURVES
** SECTION REDUCED TO MAINLANES ONLY OVER U.S. ARMY CORPS OF ENGINEERS (USACE) PROPERTY
*** NOISE WALL STATION LIMITS: STA 2480+75.00 TO STA 2498+10.00
**** INCLUDES ENTRANCE AND EXIT RAMPS WITHIN STA LIMITS. REFER TO RAMP PR2499L AND RAMP PR2498R TYPICAL SECTIONS.

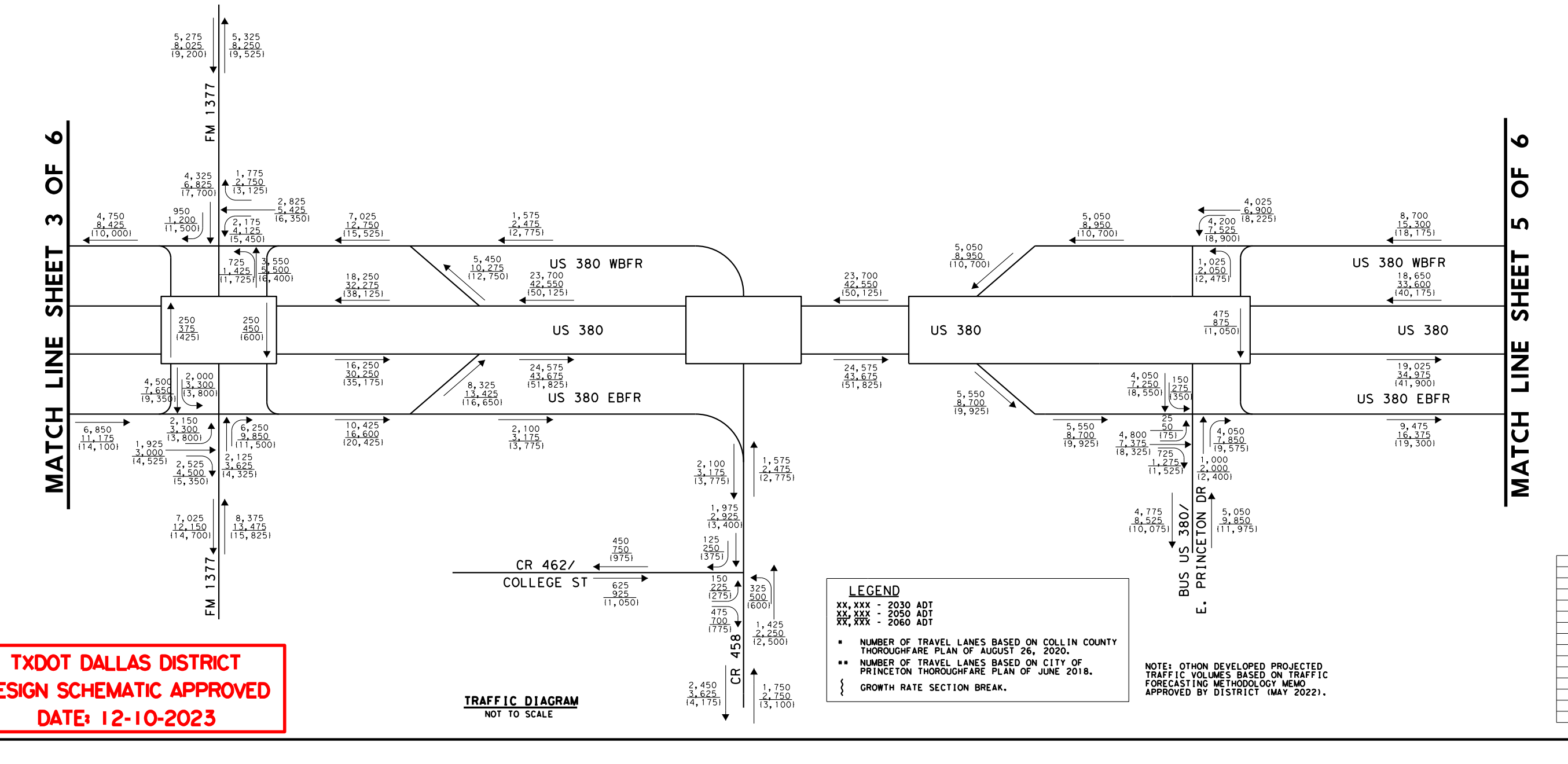
PROPOSED US 380 BRIDGE TYPICAL SECTION **
MAIN LANES ONLY (NO FRONTAGE ROADS)
STA 2471+40.00 TO STA 2509+95.17****
NOT TO SCALE

PROPOSED ENTRANCE/EXIT RAMP TYPICAL SECTION
NOT TO SCALE

PROPOSED EBFR RETAINING WALL TYPICAL SECTION
SEE PLAN VIEW FOR RETAINING WALL LOCATIONS
NOT TO SCALE

RAMP RETAINING WALL TYPICAL SECTION
SEE PLAN VIEW FOR RETAINING WALL LOCATIONS
NOT TO SCALE

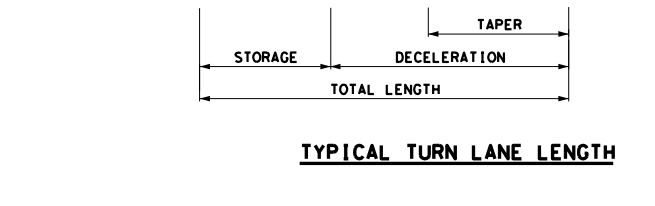
PROPOSED E PRINCETON DR TYPICAL SECTION
STA 10+00 TO STA 18+85.31
NOT TO SCALE



LEGEND
XX,XXX - 2030 ADT
XX,XXX - 2050 ADT
(XX,XXX) - 2060 ADT
* NUMBER OF TRAVEL LANES BASED ON COLLIN COUNTY THOROUGHFARE PLAN OF AUGUST 26, 2020.
** NUMBER OF TRAVEL LANES BASED ON CITY OF PRINCETON THOROUGHFARE PLAN OF JUNE 2018.
GROWTH RATE SECTION BREAK.

NOTE: OTHON DEVELOPED PROJECTED TRAFFIC VOLUMES BASED ON THE FORECASTING METHODOLOGY MEMO APPROVED BY DISTRICT (MAY 2022).

TRAFFIC DIAGRAM
NOT TO SCALE



TYPICAL TURN LANE LENGTH

TURN BAY LENGTHS				
LOCATION	TAPER LENGTH	DECEL LENGTH	STORAGE LENGTH	TOTAL LENGTH
L10	100	340	160	500
R8	100	340	270	610
L16	100	340	160	500
R9	100	340	280	620
L11	100	340	160	500
R10	300	340	350	690
L12	300	340	290	630
R23	140	265	100	365
L20	100	340	100	440
R24	100	265	70	335
L21	100	205	100	305
L22	50	265	110	375
L23	100	340	105	445

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	PRINCETON HEIGHTS	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	YASSINE LLC	VACANT
401	PRINCETON HEIGHTS	RESIDENTIAL
402	LOWRANCE CLINTON B	OPEN-SPACE AGRCULTURAL LAND
403	CAPLINGER MANDRA LOWRANCE	VACANT
404	FAHRENTHOLD KYLE & DEBORAH	RESIDENTIAL
405	HAQ RIAZ	RESIDENTIAL
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	EREN GROUP LLC - 2006S PROTECTED SERIES	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	NAIR RAJNI RADHAKRISHNAN	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	SHAH HITESHKUMAR	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	HINES STEPHEN MILLARD & RUQULYAH	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	JACKSON DANNY CRAWFORD & JENNIFER M	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	CHANDRA MADAN KOLLAPANENI & NAGESWARI YARLAGADDA	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
410-N	YELLAMRAJU SUNITA	RESIDENTIAL
410-O	LIGGINS RODERICK WAYNE	RESIDENTIAL
410-P	COUFAL AUSTIN WESLEY & ARLENE ALVAREZ	RESIDENTIAL
410-Q	HIGHT ARNOLD KEITH & GRETCHEN SUZANNE	RESIDENTIAL

PROPERTY OWNERS		
PARCEL	OWNER	OCCUPANT
410-R	LAZCANO REFUGIO & MARIA HERNANDEZ	RESIDENTIAL
410-S	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	RESIDENTIAL
410-T	MANZOOR TAUQEER	RESIDENTIAL
410-U	GARNER DOMETRICK &	RESIDENTIAL
410-V	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	RESIDENTIAL
410-W	TANG & ZHAO FAMILY TRUST THE	RESIDENTIAL
410-X	ARREDONDO FRANCISCO J AGUILAR &	RESIDENTIAL
410-Y	SU YANBING	RESIDENTIAL
410-Z	DASARI RAJANIKANTH	RESIDENTIAL
410-AA	CHEN QI	RESIDENTIAL
410-AB	BELLUR SRIDHAR	RESIDENTIAL
410-AC	EREN GROUP LLC - 2254C PROTECTED SERIES	RESIDENTIAL
410-AD	2256 CASHMERE WAY LLC	RESIDENTIAL
410-AE	NOEGGERATH GENERO & KAROL	RESIDENTIAL
410-AF	KAKUMANU PRAKASH	RESIDENTIAL
410-AG	FERIA ALEJANDRO REMIENDO JR &	RESIDENTIAL
410-AH	2264 CASHMERE WAY LLC	RESIDENTIAL
410-AI	HOMMEY MAWULI	RESIDENTIAL
410-AJ	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	RESIDENTIAL
410-AK	XIANG RONG	RESIDENTIAL
410-AL	RODARTE LACEY	RESIDENTIAL
410-AM	KONKIPUDI SWATHI	RESIDENTIAL
410-AN	OLANIPEKUN OLUWASEUN	RESIDENTIAL
410-AO	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	RESIDENTIAL
410-AP	PRINCETON CITY OF	RESIDENTIAL
410-AQ	NG KEVIN	RESIDENTIAL
410-AR	BIREHANU SAMSON & BLEN TAKELE	RESIDENTIAL
410-AS	JIA FANGZHOU & QI LE	RESIDENTIAL
410-AT	ESCAMILLA JOSE	RESIDENTIAL
410-AU	SURAVARAM SRIKANTH REDDY & SUDHA REDDY SURAVARAM	RESIDENTIAL
410-AV	PARRA OSCAR	RESIDENTIAL
410-AW	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	RESIDENTIAL
410-AX	GILBERT ANDY G	RESIDENTIAL
410-AY	BONDADA RAJA SEKHAR	RESIDENTIAL
410-AZ	LIANG FUCHENG & YUBIN NI	RESIDENTIAL
410-BA	HAN CHUNMENG	RESIDENTIAL
410-BB	PRINCETON CROSSROADS HOMEOWNERS ASSOCIATION INC	RESIDENTIAL
410-BC	SMITH SENG	RESIDENTIAL
410-BD	OBIDULLAH ASM	RESIDENTIAL
410-BE	AZEEM OSAMA BIN	RESIDENTIAL
410-BF	HLAING MAUNG	RESIDENTIAL
410-BG	BARNETT CALVIN JR & KRISTIE	RESIDENTIAL
410-BH	PERIAGARAM ASHWIN SHANKAR & NAGEENA PARVEEN	RESIDENTIAL
410-BI	BOSTON BIAUNCA	RESIDENTIAL
410-BJ	SHAR NANDAR	RESIDENTIAL
410-BK	BRUNNER BRANDON & LINDSAY	RESIDENTIAL
410-BL	MARTINDALE JACK BYRON JR	RESIDENTIAL
410-BM	PRABHA MADHURI	RESIDENTIAL
410-BN	AMAND SANTOSH	RESIDENTIAL
410-BO	KANNAN CHITHRA	RESIDENTIAL
410-BP	LIAO HONGZHU	RESIDENTIAL
410-BQ	JOHNSON TAJA DANIELLE	RESIDENTIAL
410-BR	VINODKUMAR KARTHIK	RESIDENTIAL
410-BS	MCKENNEY PHILLIP	RESIDENTIAL
410-BT	LAFFERTY HERSHEL & BRENDA	RESIDENTIAL
410-BU	AHMED ZENAB	RESIDENTIAL
410-BV	KALLAE ANANTHA & RADHIKA VUMMETHALA	RESIDENTIAL
410-BW	SOUMYA PRAVEEN TRUST THE	RESIDENTIAL
410-BX	DEVARAKONDA BHASKAR & LAKSHMI	RESIDENTIAL
410-BY	DEVINENI SRIDHAR & AMULYA	RESIDENTIAL
410-BZ	CITY OF DAVIS LLC	RESIDENTIAL
410-CA	LEPRE ALEX	RESIDENTIAL
410-CB	KURRI MALATHY VENKATA	RESIDENTIAL
410-CC	MORRIS KADEN	RESIDENTIAL
410-CD	BAO SHILONG & XU QIN	RESIDENTIAL
410-CE	MOHAMMAD RAZ	RESIDENTIAL
410-CF	PABBA KIRAN	RESIDENTIAL
410-CG	QUADRI ARSHIA	RESIDENTIAL
410-CH	SERIES 3 A SERIES OF D & T PROPERTIES LLC	RESIDENTIAL
410-CI	MUSTAFA KAL MOHAMED	RESIDENTIAL
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

PROPERTY OWNERS		
PARCEL	OWNER	OCCUPANT
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	VIVANTA BUSINESS ASSOCIATES LLC	RESIDENTIAL
410-DT	KATARUKA HARI & ANJU	RESIDENTIAL
410-DU	HAYS JAMES EDWARD &	RESIDENTIAL
410-DV	SHUKLA SRUJAN KUMAR	RESIDENTIAL
410-DW	CHEN PENG &	RESIDENTIAL
410-DX	DAIDA PRAVEEN KUMAR &	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	JAIN SANTOSH & KAILASH CHAND &	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
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

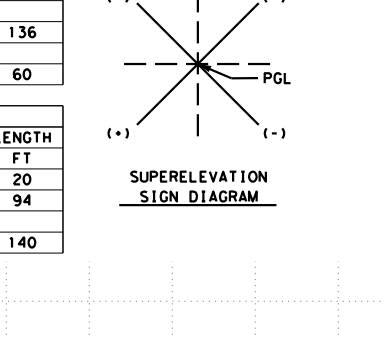
HORIZ. 0 50 100 200
VERT. 0 10 20
MATCH LINE STA 2403+00
CSJ 0135-16-002
MATCH LINE STA 2528+00
CSJ 0135-04-036
EXIT XX
75 Princeton EXIT 1/2 MILE
STA 2425+40 PROPOSED COSS
75 Princeton EXIT 3/4 MILE
1377
STA 2437+45 PROPOSED COSS
1377 EXIT 1/2 MILE
STA 2460+90 PROPOSED COSS
380 BUSINESS E Princeton Dr EXIT 1 MILE
STA 2444+75 PROPOSED COSS
Twin Grove Park Dr EXIT 1 MILE
380 BUSINESS E Princeton Dr EXIT 1/2 MILE
STA 2472+60 PROPOSED DSB
1377 EXIT 1 MILE
STA 2487+80 PROPOSED COSS
Twin Grove Park Dr EXIT 1/2 MILE
380 BUSINESS E Princeton Dr
STA 2492+40 PROPOSED DSB
Twin Grove Park Rd
STA 2525+00 PROPOSED COSS
STA 2347+00 PROPOSED SIGNS
STA 2428+60 PROPOSED SIGNS
US380 WB FRONTAGE ROAD
US380 WB MAINLANES
US380 EB MAINLANES
US380 EB FRONTAGE ROAD
EXIT RAMP PR2435L
ENTRANCE RAMP PR2429R
ENTRANCE RAMP PR2499L
EXIT RAMP PR2498R
FM 1377
CR 463
CR 458
E COLLEGE ST
CR 492
CR 490
ISLAND WAY
(BUS 380) E PRINCETON DR
SISTER GROVE CREEK UNNAMED TRIBUTARY
PRINCETON ETJ
PRINCETON CITY LIMIT
PROP ROW
EXIST ROW
PROP EASEMENT
FUTURE CR 490 BY OTHERS
NOISE WALL 18
RETAINING WALL WBFR_408
RETAINING WALL EBFR_309
RETAINING WALL EBFR_310
RETAINING WALL EBFR_311
RETAINING WALL EBFR_312
RETAINING WALL ML_102
RETAINING WALL ML_103
RETAINING WALL ML_104
RETAINING WALL EBML_112
EXISTING CULVERT V 3'X2' RBC TO BE REMOVED
PROPOSED CULVERT V 2-6'X2' MBC
TXDOT DALLAS DISTRICT DESIGN SCHEMATIC APPROVED DATE: 12-10-2023

RETAININGWALLS						
	BEGIN			END		
WALL	ALIGNMENT	STATION	OFFSET	ALIGNMENT	STATION	OFFSET
EBML_111	℄PRO380_1	2402+11.18	108.00'RT	℄PRO380_1	2404+63.20	108.00'RT
EBML_112	℄PRO380_1	2463+02.20	75.00'RT	℄PRO380_1	2466+39.76	75.00'RT
WBML_211	℄PRO380_1	2404+23.10	132.00LT	℄PRO380_1	2405+28.36	132.00LT
WBML_212	℄PRO380_1	2425+84.54	132.00LT	℄PRO380_1	2429+38.22	132.00LT
ML_102	℄PRO380_1	2459+83.20	75.00'RT	℄PRO380_1	2460+39.97	75.00'LT
ML_103	℄PRO380_1	2462+45.96	75.00'LT	℄PRO380_1	2467+65.69	75.00'RT
ML_104	℄PRO380_1	2514+99.21	92.00'LT	℄PRO380_1	2519+16.37	104.00'RT
EBFR_309	℄EBFR1	4431+08.99	20.00'RT	℄EBFR1	4432+33.18	19.00'RT
EBFR_310	℄EBFR1	4434+95.92	19.00'RT	℄EBFR1	4437+42.87	20.00'RT
EBFR_311	℄EBFR2	4518+82.72	29.00'LT	℄EBFR2	4519+44.39	59.41'RT
EBFR_312	℄EBFR2	4534+60.57	20.00'RT	℄EBFR2	4565+88.28	20.00'RT
WBFR_407	℄WBFR1	4413+41.73	34.63'LT	℄WBFR1	4413+05.37	51.00'RT
WBFR_408	℄WBFR1	4422+82.91	19.00'LT	℄WBFR1	4427+19.85	20.00'LT
WBFR_409A	℄WBFR1	4437+78.86	19.00'LT	℄WBFR1	4440+59.65	27.00'LT
WBFR_409B	℄WBFR1	4440+79.80	27.00'LT	℄WBFR1	4440+98.51	20.00'LT
WBFR_410	℄PR2499L	22+67.41	19.00'RT	℄PR2499L	23+46.34	9.00'LT

US 380 MAINLANES SUPERELEVATION TRANSITION TABLE												
DESCRIPTION	CURVE	BEGIN TRANSITION (LT)		END TRANSITION (LT)		LENGTH	BEGIN TRANSITION (RT)		END TRANSITION (RT)		LENGTH
		STA	e	STA	e	FT	STA	e	STA	e	FT
TRANSITION	CURVE PRO380_1_9	2492+40.00	2.50%	2494+80.00	4.41%	240	2490+00.00	-2.50%	2495+90.00	4.41%	590
FULL SUPER		2494+80.00	4.41%	2524+47.00	4.41%		2495+90.00	4.41%	2523+27.00	4.41%	
TRANSITION		2524+47.00	4.41%	2526+87.00	2.50%	240	2523+27.00	4.41%	2529+27.00	-2.50%	600

EASTBOUND RAMP SUPERELEVATION TRANSITION TABLE						
DESCRIPTION	RAMP ALIGNMENT	BEGIN TRANSITION		END TRANSITION		LENGTH
		STA	e	STA	e	FT
TRANSITION	℄ PR2429R	20+00.00	-2.00%	20+19.86	-2.50%	20
TRANSITION	℄ PR2498R	20+83.41	4.41%	21+85.94	2.00%	103
NORMAL SLOPE		21+85.94	2.00%	23+18.20	2.00%	
TRANSITION		23+18.20	2.00%	24+54.39	4.00%	136
FULL SUPER		24+54.39	4.00%	26+34.00	4.00%	
TRANSITION		26+34.00	4.00%	26+94.00	2.00%	60

WESTBOUND RAMP SUPERELEVATION TRANSITION TABLE						
DESCRIPTION	RAMP ALIGNMENT	BEGIN TRANSITION		END TRANSITION		LENGTH
		STA	e	STA	e	FT
TRANSITION	℄ PR2435L	16+75.00	2.00%	16+95.09	2.50%	20
TRANSITION	℄ PR2499L	15+52.90	4.41%	16+46.85	3.51%	94
FULL SUPER		16+46.85	3.51%	23+11.00	3.51%	
TRANSITION		23+11.00	3.51%	24+50.99	-1.38%	140



SUPERELEVATION SIGN DIAGRAM

HORIZONTAL CURVE DATA													
ALIGNMENT	CURVE	PI STATION	PI NORTHING - N	PI EASTING - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	PC STATION	INCOMING BEARING	PT STATION	OUTGOING BEARING
US 380 MAIN LANES (DESIGN SPEED: 70 MPH)													
PRO380_1	PRO380_1_8	2473+07.24	7118622.511	2588666.013	9° 35' 25.00"	14100	0° 24' 22.87"	1182.81	2360.08	2461+24.44	S 41° 20' 00.10" E	2484+84.52	S 31° 44' 35.10" E
	PRO380_1_9	2510+42.73	7115441.086	2590634.207	44° 49' 44.62"	4010	1° 25' 43.89"	1653.99	3137.40	2493+88.74	S 31° 44' 35.10" E	2525+26.14	S 76° 34' 19.73" E
FRONTAGE ROADS (DESIGN SPEED: 45 MPH)													
EBFR1	EBFR1_12	4440+59.11	7120898.693	2586440.251	43° 47' 44.31"	1040	5° 30' 40.80"	418.03	794.65	4436+41.08	S 41° 20' 00.10" E	4444+35.73	S 02° 27' 44.21" W
EBFR2	EBFR21	4517+29.75	7115898.298	2590366.796	6° 29' 8.42"	2290	2° 30' 7.20"	129.75	259.22	4516+00.00	S 42° 45' 42.66" E	4518+59.22	S 49° 14' 51.08" E
	EBFR22	4528+67.99	7115155.082	2591229.266	27° 19' 28.65"	4150	1° 22' 50.24"	1008.77	1979.15	4518+59.22	S 49° 14' 51.08" E	4538+38.37	S 76° 34' 19.73" E
WBFR1	WBFR1_7	4440+62.87	7121309.955	2586525.999	43° 47' 44.31"	1040	5° 30' 33.15"	418.03	794.95	4436+44.84	S 41° 20' 00.10" E	4444+39.79	S 02° 27' 44.21" W
WBFR2	WBFR2_1	4525+91.13	7115388.496	2591457.358	24° 31' 28.83"	3870	1° 28' 49.84"	841.13	1656.50	4517+50.00	S 52° 02' 50.89" E	4534+06.50	S 76° 34' 19.73" E
RAMPS (DESIGN SPEED: 50 MPH)													
PR2429R	PR2429R_1	11+56.91	7122512.636	2585034.019	6° 16' 10.15"	2865	1° 59' 59.84"	156.91	313.48	10+00.00	S 41° 20' 00.10" E	13+13.48	S 47° 36' 10.25" E
	PR2429R_2	13+92.03	7122353.875	2585207.902	3° 8' 27.78"	2865	1° 59' 59.84"	78.55	157.06	13+13.48	S 47° 36' 10.25" E	14+70.54	S 44° 27' 42.47" E
	PR2429R_3	24+23.37	7121617.761	2585930.315	3° 7' 42.37"	4600	1° 14' 44.11"	125.61	251.16	22+97.75	S 44° 27' 42.47" E	25+48.91	S 41° 20' 00.10" E
PR2498R	PR2498R_1	13+51.64	7117068.997	2589551.84	3° 30' 54.04"	11460	0° 29' 59.87"	351.64	703.05	10+00.00	S 31° 44' 35.10" E	17+03.05	S 28° 13' 41.06" E
	PR2498R_2	18+94.84	7116590.206	2589808.867	9° 33' 57.91"	2292	2° 30' 0.05"	191.78	382.64	17+03.05	S 28° 13' 41.06" E	20+85.70	S 37° 47' 38.97" E
	PR2498R_3	22+39.62	7116317.026	2590020.723	1° 32' 20.40"	11460	0° 29' 59.87"	153.92	307.82	20+85.70	S 37° 47' 38.97" E	23+93.52	S 36° 15' 18.56" E
	PR2498R_4	25+43.73	7116071.774	2590200.583	7° 29' 58.01"	2292	2° 30' 0.05"	150.21	299.98	23+93.52	S 36° 15' 18.56" E	26+93.49	S 43° 45' 16.57" E
PR2435L	PR2435L1	10+70.78	7122534.731	2585419.444	7° 42' 46.94"	1050	5° 27' 24.27"	70.78	141.35	10+00.00	S 41° 20' 00.10" E	11+41.35	S 33° 37' 13.16" E
	PR2435L2	11+89.15	7122435.986	2585485.1	5° 12' 46.94"	1050	5° 27' 24.27"	47.8	95.53	11+41.35	S 33° 37' 13.16" E	12+36.88	S 38° 50' 00.10" E
	PR2435L3	18+37.49	7121930.895	2585891.688	2° 3' 23.24"	7900	0° 43' 30.95"	141.79	283.55	16+95.70	S 38° 50' 00.10" E	19+79.25	S 36° 46' 36.86" E
	PR2435L4	21+62.25	7121670.745	2586086.141	4° 33' 23.24"	4600	1° 14' 44.02"	183	365.82	19+79.25	S 36° 46' 36.86" E	23+45.06	S 41° 20' 00.10" E
PR2499L	PR2499L1	11+71.53	7116778.763	2589896.019	8° 32' 54.75"	2295	2° 29' 48.28"	171.53	342.39	10+00.00	S 31° 44' 35.10" E	13+42.39	S 40° 17' 29.85" E
	PR2499L2	14+49.24	7116566.426	2590076.041	1° 4' 6.33"	11460	0° 29' 59.87"	106.85	213.70	13+42.39	S 40° 17' 29.85" E	15+56.09	S 39° 13' 23.52" E
	PR2499L3	19+92.34	7116145.687	2590419.47	17° 36' 44.72"	2816	2° 2' 5.12"	436.25	865.58	15+56.09	S 39° 13' 23.52" E	24+21.67	S 56° 50' 08.24" E
	PR2499L4	24+78.21	7115876.107	2590831.992	3° 14' 18.91"	2000.12	2° 51' 53.68"	56.54	113.04	24+21.67	S 56° 50' 08.24" E	25+34.71	S 53° 35' 49.33" E
PR2534R	PR2534R_1	11+42.77	7114926.566	2592462.012	3° 33' 19.18"	4600	1° 14' 44.02"	142.77	285.44	10+00.00	S 76° 34' 19.73" E	12+85.44	S 73° 01' 00.54" E
PR2534L	PR2534L_1	11+42.77	7115074.411	2592497.309	3° 33' 19.18"	4600	1° 14' 44.02"	142.77	285.44	10+00.00	S 76° 34' 19.73" E	12+85.44	S 80° 07' 38.91" E
CROSS-STREETS (DESIGN SPEED: 45 MPH)													
PROFM1377	PROFM1377_1	10+52.97	7123220.75	2583456.167	2° 22' 11.14"	1000	5° 43' 46.48"	20.68	41.36	10+32.29	N 74° 29' 54.09" E	10+73.65	N 76° 52' 05.23" E
	PROFM1377_2	27+90.15	7123615.426	2585147.925	1° 1' 39.56"	5230	1° 5' 43.88"	46.9	93.81	27+43.24	N 76° 52' 05.23" E	28+37.05	N 77° 53' 44.79" E
	PROFM1377_3	29+02.34	7123638.953	2585257.626	1° 25' 49.73"	5230	1° 5' 43.88"	65.29	130.58	28+37.05	N 77° 53' 44.79" E	29+67.63	N 76° 27' 55.06" E
PROCR458	PROCR458_1	16+80.95	7119999.08	2586435.598	3° 44' 36.76"	8100	0° 42' 26.50"	264.71	529.23	14+16.24	N 02° 27' 44.21" E	19+45.47	N 06° 12' 20.98" E
PROBUS3802	PROBUS3802_1	15+05.31	7115428.99	2590257.364	49° 55' 3.09"	1040	5° 30' 33.15"	484.05	906.07	10+21.26	S 76° 35' 16.06" E	19+27.34	N 53° 29' 40.85" E
TURNAROUNDS (DESIGN SPEED: 20 MPH)													
PROFM1377UWB	PROFM1377UWB_1	10+61.04	7123498.06	2584217.893	61° 47' 54.66"	102	56° 10' 20.40"	61.04	110.02	10+00.00	S 41° 20' 00.10" E	11+10.02	N 76° 52' 05.23" E
	PROFM1377UWB_2	13+48.53	7123566.118	2584509.62	118° 12' 5.34"	102	56° 10' 20.40"	170.43	210.43	11+78.10	N 76° 52' 05.23" E	13+88.52	N 41° 20' 00.10" W
PROFM1377UEB	PROFM1377UEB_1	10+61.04	7123394.639	2584628.482	61° 47' 54.66"	102	56° 10' 20.40"	61.04	110.02	10+00.00	N 41° 20' 00.10" W	11+10.02	S 76° 52' 05.23" W
	PROFM1377UEB_2	13+48.53	7123326.581	2584336.756	118° 12' 5.34"	102	56° 10' 20.40"	170.43	210.43	11+78.10	S 76° 52' 05.23" W	13+88.52	S 41° 20' 00.10" E
PROBUS3802UEB	PROBUS3802UEB_1	10+73.24	7115794.032	2590881.709	71° 21' 43.21"	102	56° 10' 20.40"	73.24	127.04	10+00.00	N 55° 08' 35.94" W	11+27.04	S 53° 29' 40.85" W
	PROBUS3802UEB_2	12+85.77	7115656.033	2590695.25	108° 33' 40.24"	102	56° 10' 20.40"	141.85	193.26	11+43.92	S 53° 29' 40.85" W	13+37.19	S 55° 03' 59.39" E
SIDE STREETS (DESIGN SPEED: 30 MPH)													
PROCR463	PROCR4631	11+84.17	7123750.403	2584916.319	11° 34' 23.32"	350	16° 25' 35.12"	35.47	70.45	11+48.70	N 13° 07' 41.65" W	12+19.15	N 01° 33' 18.33" W
PCR492	PCR4921	10+52.53	7115224.113	2592372.08	14° 55' 9.44"	350	16° 22' 12.80"	45.83	91.14	10+06.70	N 13° 29' 56.95" E	10+97.84	N 01° 25' 12.49" W

US380 MAINLANES PROFILE

MATCH LINE STA 2403+00
MATCH LINE STA 2528+00
640
630
620
610
600
590
580
570
560
550
540
530
520
510
500
490
480
470
460
VPC 2403+50.00 EL =564.64
BEGIN BRIDGE STA 2404+76.00
STA =2408+25.00 EL = 572.48' SSD = 746' ex = -4' K = 258 L = 950'
(+)1.65%
(-)2.04%
20'-3" MIN. VERT CLR.
22'-1" MIN. VERT CLR.
20'-9" MIN. VERT CLR.
℄ PROFM1377
WSEL_50YR=526.68'
WSEL_100YR=526.79'
WSEL_50YR=524.99'
WSEL_100YR=525.28'
END BRIDGE STA 2421+19.00
STA =2421+50.00 EL = 545.50' ex = 3' K = 207 L = 650'
BEGIN BRIDGE STA 2429+23.50
STA =2441+30.00 EL = 567.50' ex = -2' K = 249 L = 660'
(+)1.11%
(-)1.54%
16'-11" MIN. VERT CLR.
℄ WBFR1
WSEL_50YR=515.00'
WSEL_100YR=515.27'
SISTER GROVE CREEK UNNAMED TRIB
EXISTING 6" GAS LINE ELEVATION UNKNOWN
EXISTING GROUND AT ℄ PRO380_1
STA =2454+00.00 EL = 547.97' ex = 1' K = 245 L = 500'
PROPOSED GRADE AT ℄ PRO380_1
STA =2466+25.00 EL = 554.10' ex = -4' K = 250 L = 875'
(+)0.50%
(-)3.00%
BEGIN BRIDGE STA 2471+40.00
VPC 2474+37.50 EL =529.73
STA =2477+75.00 EL = 519.60' ex = 3' K = 188 L = 675'
VPT 2481+12.50 EL =521.62
VPC 2495+87.50 EL =530.47
STA =2498+25.00 EL = 531.90' ex = 1' K = 198 L = 475'
(+)0.60%
(+)3.00%
VPT 2500+62.50 EL =539.02
STA =2509+75.00 EL = 566.40' ex = -6' K = 250 L = 1,100'
END BRIDGE STA 2509+96.00
19'-0" MIN. VERT CLR.
18'-8" MIN. VERT CLR.
16'-11" MIN. VERT CLR.
℄ PROBUS3802
STA =2520+75.00 EL = 551.00' ex = 1' K = 189 L = 425'
STA =2527+50.00 EL = 556.77' ex = -1' K = 258 L = 350'
(+)0.85%
VPC 2525+75.00 EL =555.27
PROPOSED CULVERT V 2-6'X2' MBC ℄ = 546.60'
WSEL_50YR=549.66'
WSEL_100YR=549.83'
1643' TX54 66" ASSUMED DEPTH OF SUPERSTRUCTURE
2825.5' TX54 66" ASSUMED DEPTH OF SUPERSTRUCTURE
3856' TX54 66" ASSUMED DEPTH OF SUPERSTRUCTURE
PROPOSED ELEVATION
EXISTING ELEVATION
2405+00
2410+00
2415+00
2420+00
2425+00
2430+00
2435+00
2440+00
2445+00
2450+00
2455+00
2460+00
2465+00
2470+00
2475+00
2480+00
2485+00
2490+00
2495+00
2500+00
2505+00
2510+00
2515+00
2520+00
2525+00

NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS (RECEIVED FROM TXDOT ON AUGUST 2021) AND RECORD PLANS.
2. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
3. PARCEL LINES AND EXISTING RIGHT OF WAY (R.O.W.) HAVE NOT BEEN FIELD VERIFIED AND ARE BEST FIT. GIS FILES USED FOR BASE MAPPING.
4. PROPERTY OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM COLLIN COUNTY APPRAISAL DISTRICT (APRIL 25, 2022).
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS SHOWN ARE BASED ON FEMA FLOOD INSURANCE RATE MAPS (FIRM). EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM SURVEY AND RECORD DOCUMENTS. SEE HYDROLOGIC/HYDRAULIC REPORT FOR US 380 FOR MORE INFORMATION.
6. 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.
7. DRIVEWAYS SHOWN AS FUTURE WILL BE REVIEWED AND APPROVED THROUGH TXDOT'S AREA OFFICE IN ACCORDANCE WITH TXDOT'S ACCESS MANAGEMENT MANUAL.
8. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE BUILDING STRUCTURE.
9. SCHEMATICS ARE BASED ON AERIAL AND DESIGN SURVEYS DATED AUGUST 2021, AS-BUILTS, AND GOOGLE EARTH IMAGERY DATED OCTOBER 2021.
10. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB, RAIL, OR BARRIER UNLESS NOTED OTHERWISE.
11. CURBS ON THE FRONTAGE ROAD AND CROSS STREETS ARE TYPE II 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 5 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. SEE INTERSECTION DESIGN DETAIL ON ROLL 1 FOR CORNER RADII. MINOR CROSS STREET CORNER RADII ARE 30' 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. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
20. A TRAFFIC SIGNAL WARRANT ANALYSIS TO JUSTIFY TRAFFIC SIGNAL INSTALLATION WILL BE PERFORMED DURING PS&E.
21. TRANSITION LENGTHS FOR DROP/ADD LANES ARE BASED ON DESIGN SPEED WHERE APPLICABLE. FOR DROP LANE SCENARIO, A 840 FOOT TRANSITION LENGTH IS SHOWN ALONG MAINLANES (70 MPH) AND 540 FOOT TRANSITION LENGTH IS SHOWN SHOWN ALONG FRONTAGE ROADS (45 MPH). FOR ADD SCENARIO, 420 FOOT IS SHOWN ALONG MAINLANES AND 270 FOOT IS SHOWN ALONG FRONTAGE ROADS.

TXDOT DALLAS DISTRICT
DESIGN SCHEMATIC APPROVED
DATE: 12-10-2023

Texas Department of Transportation
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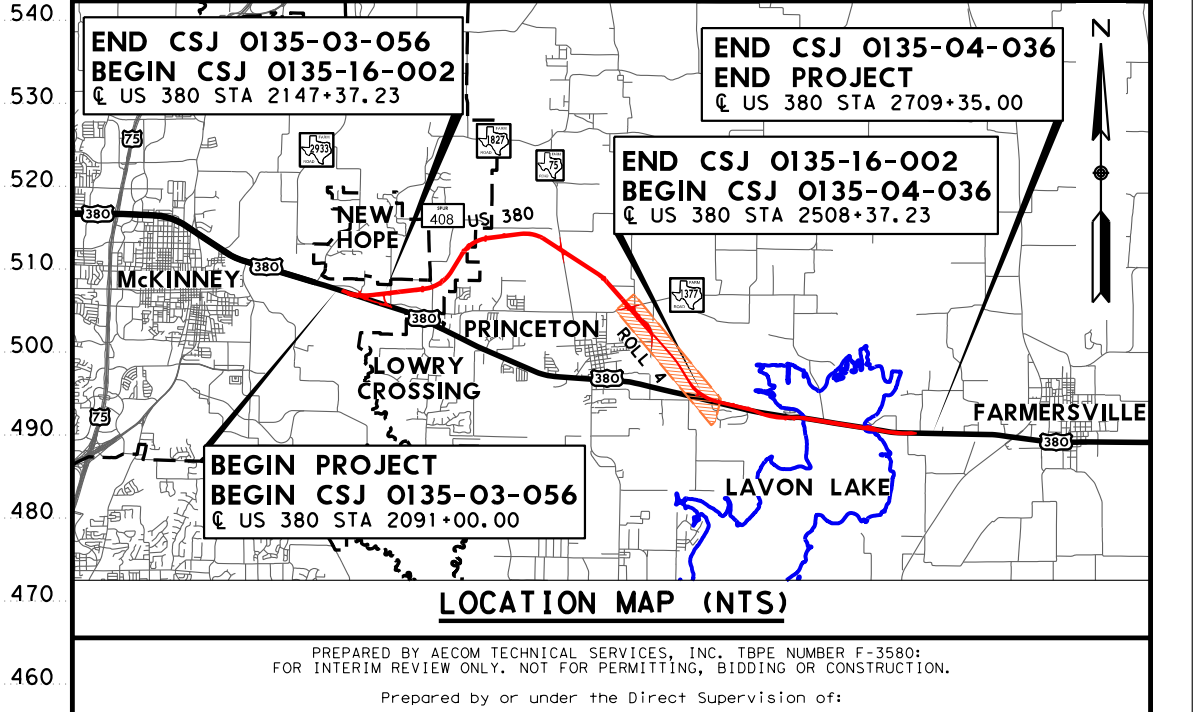DALLAS DISTRICT
DESIGN SCHEMATIC
CEASON CLEMENS, P.E.,
DISTRICT ENGINEER
US 380 PRINCETON
COLLIN COUNTY, TEXAS
PROJECT LIMIT: FROM FM 1827 TO CR 560
LENGTH OF PROJECT(APPROX.)=11.7 MI (61,935.0 LF)
ROADWAY=7.7 MI (40,817.50 LF) BRIDGE=4.0 MI (21,117.50 LF)
CSJ 0135-03-056 (1.07 MI)
FROM FM 1827 TO JCT US 380/W. PRINCETON DRIVE
CSJ 0135-16-002 (6.83 MI)
FROM JCT US 380/W. PRINCETON DRIVE
TO JCT US 380/E. PRINCETON DRIVE
CSJ 0135-04-036 (3.81 MI)
FROM JCT US 380/E. PRINCETON DRIVE TO CR 560
SCALE: 1"=200' H, 1"=20' V
DECEMBER 2023
DISTRICT: DALLAS
COUNTY: COLLIN
DATE: DECEMBER 2023
US 380 PRINCETON
100% DESIGN SCHEMATIC
ROLL 4 OF 13
* - SEE NOTE NO. 7.
LEGEND:
FUTURE DRIVEWAY(NEW ACCESS)*
POTENTIAL DISPLACEMENTS
LOCATION MAP (NTS)
AECOM
13355 NOEL ROAD
SUITE 400
DALLAS, TEXAS 75240
214-741-7777