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

US 380 PRINCETON
PUBLIC MEETING
PRELIMINARY DESIGN SCHEMATIC

ROLL 6 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

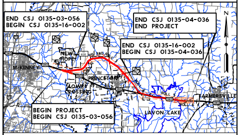
SOURCE: TxDOT TRANSPORTATION PROGRAMMING AND PLANNING DIVISION
MEMO DATED: AUGUST 31, 2020

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

AUGUST 2022

LEGEND:

— · · —	EXISTING ROW	— — —	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
NEW HOPE
McKINNEY
PRINCETON
LOWRY CROSSING
FARMERSVILLE
LAVON LAKE
ROLL 6
BEGIN PROJECT
BEGIN CSJ 0135-03-056
N

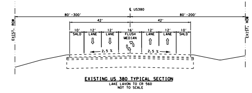
LOCATION MAP (NTS)

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

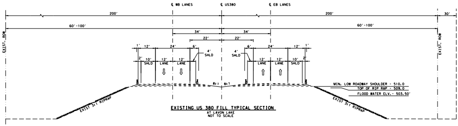
Prepared by or under the Direct Supervision of:

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

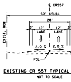
AECOM
13355 NOEL ROAD
SUITE 400
DALLAS, TEXAS 75240
214-741-7777


℄ US380
80'-300'
80'-200'
42'
42'
10' SHLD
12' LANE
12' LANE
16' FLUSH MEDIAN
12' LANE
12' LANE
10' SHLD
2.5 %
2.5 %
EXIST. ROW
EXIST. ROW

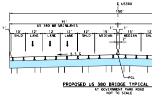
EXISTING US 380 TYPICAL SECTION
LAKE LAVON TO CR 560
NOT TO SCALE


℄ WB LANES
℄ US380
℄ EB LANES
200'
200'
30'
60'-100'
60'-100'
34'
34'
22'
22'
1'
12'
24'
6'
4' SHLD
2'
10' SHLD
12' LANE
12' LANE
8:1
8:1
EXIST. ROW
WATER LINE EASEMENT
MIN. LOW ROADWAY SHOULDER - 510.0
TOP OF RIP RAP - 509.0
FLOOD WATER ELV.- 503.50'
EXIST 3:1 RIPRAP
EXIST 3:1 RIPRAP

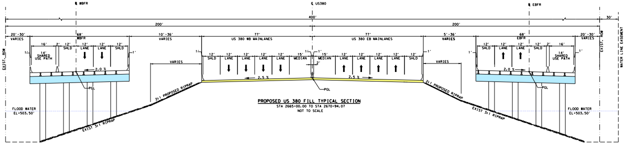
EXISTING US 380 FILL TYPICAL SECTION
AT LAVON LAKE
NOT TO SCALE


℄ CR557
60' USUAL
28'
2'
12' LANE
12' LANE
2.0 %
2.0 %
PGL
EXIST. ROW

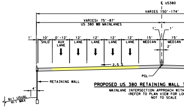
EXISTING CR 557 TYPICAL
NOT TO SCALE


℄ US380
150'
75'
US 380 WB MAINLANES
1'
10' SHLD
12' LANE
12' LANE
12' LANE
12' SHLD
15' MEDIAN
15' MEDIAN
2'
2.5 %
PGL

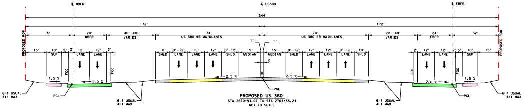
PROPOSED US 380 BRIDGE TYPICAL
AT GOVERNMENT PARK ROAD
NOT TO SCALE


℄ WBFR
℄ US380
℄ EBFR
400'
200'
200'
30'
20'-30' VARIES
68' WBFR
10'-36' VARIES
77' US 380 WB MAINLANES
77' US 380 EB MAINLANES
5'-36' VARIES
68' EBFR
20'-30' VARIES
14' SHARED USE PATH
SHLD
LANE
MEDIAN
VARIES
2.0 %
2.5 %
PGL
2:1 PROPOSED RIPRAP
EXIST 3:1 RIPRAP
FLOOD WATER EL=503.50'
EXIST. ROW
WATER LINE EASEMENT

PROPOSED US 380 FILL TYPICAL SECTION
STA 2665+00.00 TO STA 2670+94.07
NOT TO SCALE


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

PROPOSED US 380 RETAINING WALL T
MAINLANE INTERSECTION APPROACH WITH
(REFER TO PLAN VIEW FOR LO
NOT TO SCALE


℄ WBFR
℄ US380
℄ EBFR
344'
172'
172'
32'
24' WBFR
40'-48' VARIES
74' US 380 WB MAINLANES
74' US 380 EB MAINLANES
28'-48' VARIES
24' EBFR
32'
15'
10' SUP
5'
SHLD
LANE
AUX LANE
MEDIAN
FOC
1.5 %
2.0 %
2.5 %
PGL
6:1 USUAL
4:1 MAX
PROPOSED ROW

PROPOSED US 380
STA 2670+94.07 TO STA 2704+35.24
NOT TO SCALE

ALIGNMENT	CURVE	PI STATION	PI NORTHING - N	PI EASTING - E	DELTA	RADIUS
PRO380_1	PRO380_113	2690+04.45	7112220.295	2608405.505	10° 33' 18.38"	7000
	PRO380_114	2700+74.59	7112246.673	2609478.983	4° 15' 17.43"	11500
	PRO380_115	2706+79.52	7112216.605	2610083.553	1° 46' 29.05"	11500
EBFR2	EBFR27	4678+71.24	7112460.691	2605969.057	2° 12' 43.26"	6710
	EBFR28	4681+30.29	7112429.406	2606226.246	2° 12' 43.26"	6710
	EBFR29	4699+41.20	7112141.508	2608014.163	4° 22' 31.95"	7140
	EBFR30	4709+21.54	7112059.932	2608991.363	7° 49' 57.00"	4500
WBFR2	WBFR27	4674+16.69	7112757.141	2606015.105	2° 12' 43.26"	6710
	WBFR28	4676+75.74	7112706.11	2606269.115	2° 12' 43.26"	6710
	WBFR29	4699+66.72	7112341.893	2608530.991	12° 29' 52.37"	6860
PR2678R	PR2678R1	11+31.21	7112542.131	2606004.254	5° 14' 46.24"	2864
	PR2678R2	15+24.75	7112444.259	2606385.617	5° 14' 46.24"	5730
	PR2678R3	24+00.51	7112304.975	2607250.601	4° 32' 36.44"	2864
	PR2678R4	26+27.62	7112251.193	2607471.374	4° 32' 36.44"	2864
PR2678L	PR2678L1	11+30.57	7112668.605	2606023.97	5° 14' 46.24"	2850
	PR2678L2	15+24.11	7112641.817	2606416.779	5° 14' 46.24"	5744
	PR2678L3	24+06.45	7112501.486	2607288.267	4° 47' 19.03"	2864
	PR2678L4	27+65.73	7112474.169	2607646.644	4° 47' 24.83"	5730
PRXW380	PRXWB3801	12+21.84	7112350.103	2609102.904	12° 48' 40.61"	1976
	PRXWB3802	16+07.51	7112264.234	2609480.793	9° 21' 33.86"	2024
	PRXWB3803	20+01.83	7112240.511	2609875.136	2° 22' 12.70"	11088

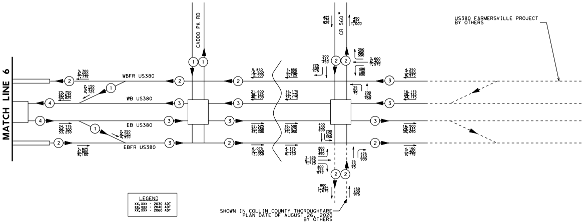
SUPERELEVATION TRANSITION TABLE

DESCRIPTION	ALIGNMENT	BEGIN			END			LENGTH
		STA	e (LT)/(RT)		STA	e (LT)/(RT)		FT
TRANSITION	℄ PRO380_113	2598+15.80	2.50%	-2.50%	2604+65.80	3.00%		650
FULL SUPER		2604+65.80	3.00%		2609+53.04	3.00%		487
TRANSITION		2609+53.04	3.00%		2616+03.04	2.50%	-2.50%	650

PROPERTY OWNERS

PARCEL	OWNER	OCCUPANT
603	USA	FEDERAL LAND
604	GOLDBLATT, JAMES R	OPEN-SPACE AGRCULTURAL LAND
605	UNITED STATES OF AMERICA EASTERN DISTRICT OF TEXAS, SHERMAN DIV	LAKEVIEW NURSEY
606	UNITED STATES OF AMERICA EASTERN DISTRICT OF TEXAS, SHERMAN DIV	LAKEVIEW NURSEY
607	UNITED STATES OF AMERICA EASTERN DISTRICT OF TEXAS, SHERMAN DIV	FEDERAL LAND
608	A & A LANDSCAPE & IRRIGATION LP	VACANT
609	ISLAMIC ASSOCIATION OF COLLIN COUNTY (IACC)	CEMETARY
610	KHADEMI, ROYA S	VACANT
611	ISLAMIC ASSOCIATION OF COLLIN COUNTY (IACC)	CEMETARY
612	KELLEY, REBECCA J	VACANT
613	EVANS FARM LTD	HOME GROWN PLANTS
614	HERITAGE OPERATING LP	TRENTON LPG GAS
615	MIKKILINENI SIVA P & BABITA	VACANT
616	MIKKILINENI SIVA P & BABITA	VACANT
617	DLG RANCH LLC	VACANT
618	NOVEM REALTY LCC	COMMERCIAL
619	FMP5 LLC	VACANT
620	O'REILLY AUTO ENTERPRISES LLC	O'REILLY AUTO PARTS
621	BAUEN VARGA INVESTMENTS LLC	VACANT
622	PALLADIUM FARMERSVILLE LTD	PALLADIUM APARTMENTS TC
623	BROOKSHIRE GROCERY CO	BROOKSHIRE'S W/ FUEL STATION
624	FMP5 LLC	VACANT
625	LOVELL INVESTMENTS LTD	VACANT
626	COLLIN COUNTY COMMUNITY COLLEGE DISTRICT	COLLIN COLLEGE
627	JMR FARMS LTD	VACANT
628	HARVEST PROPERTY HOLDINGS LLC	DENTAL OFFICE
629	FARMERSVILLE CENTER LLC	VACANT
630	MURPHYS INVESTMENTS LLC	VACANT
631	MURPHYS INVESTMENTS LLC	VACANT
632	MURPHYS INVESTMENTS LLC	VACANT
633	GEM LONG BEACH LLC	VACANT
634	GEM LONG BEACH LLC	SPEC CHEM
635	ARRAMBIDE JOSE	VACANT
636	R & P LEASING	CHAMPION CONTAINER COMPANY
637	R & P LEASING	CHAMPION CONTAINER COMPANY
638	R & P LEASING	CHAMPION CONTAINER COMPANY

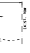
MATCH LINE 6


CADDO PK RD
CR 560*
WBFR US380
WB US380
EB US380
EBFR US380
US380 FARMERSVILLE PROJECT
BY OTHERS
SHOWN IN COLLIN COUNTY THOROUGHFARE
PLAN DATE OF AUGUST 26, 2020
BY OTHERS
3,700
6,550
7,775
2,150
3,950
4,725
23,750
42,675
50,825
24,775
44,700
53,250
2,250
4,150
4,950
3,825
6,800
8,100
5,850
10,500
12,500
21,600
38,725
46,100
22,525
40,250
48,300
6,075
10,950
13,050
3,850
6,850
8,125
16,175
28,775
34,175
16,500
29,375
35,050
4,125
7,375
8,750
4,250
7,550
8,975
4,150
7,400
8,775
425
775
925
450
825
1,000
250
450
550
3,600
6,400
7,575
200
375
450
225
400
475
400
700
800
25
50
75
800
1,425
1,675
450
800
975
425
750
900
3,525
6,275
7,425
400
725
875

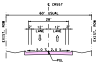
LEGEND
XX,XXX - 2030 ADT
XX,XXX - 2040 ADT
XX,XXX - 2060 ADT

PRELIMINARY
SUBJECT TO CHANGE

* NUMBER OF TRAVEL LANES BASED ON COLLIN COUNTY THOROUGHFARE PLAN OF AUGUST 26, 2020.
{ GROWTH RATE SECTION BREAK.

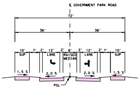


SECTION


℄ CR557
60' USUAL
28'
2'
12'
12'
2'
LANE
LANE
EXIST. ROW
EXIST. ROW
2.0 %
2.0 %
PGL

PROPOSED CR 557 TYPICAL SECTION

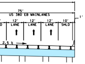
NOT TO SCALE


℄ GOVERNMENT PARK ROAD
72'
36'
36'
10'
7'
2'
12'
2'
6'
2'
12'
2'
7'
10'
SUP
LANE
RAISED MEDIAN
LANE
SUP
1.5 %
2.0 %
2.0 %
1.5 %
PGL

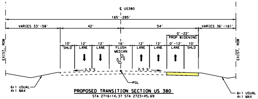
GOVERNMENT PARK ROAD

AT ℄ US380

NOT TO SCALE


75'
US 380 EB MAINLANES
12'
12'
12'
10'
1'
LANE
LANE
LANE
SHLD
2.5 %

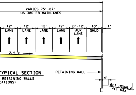
SECTION


℄ US380
165'-285'
VARIES 33'-58'
42'
54'
VARIES 36'-161'
0'-22'
PROP WIDENING
10'
12'
12'
16'
12'
12'
0'-12'
10'
SHLD
LANE
LANE
FLUSH MEDIAN
LANE
LANE
LANE
SHLD
EXIST. ROW
EXIST. ROW
2.5 %
2.5 %
PGL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX

PROPOSED TRANSITION SECTION US 380

STA 2716+14.37 STA 2723+45.69

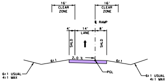
NOT TO SCALE


VARIES 75'-87'
US 380 EB MAINLANES
12'
12'
12'
12'
0'-12'
10'
1'
LANE
LANE
LANE
LANE
AUX LANE
SHLD
2.5 %
RETAINING WALL
4'
6:1 USUAL
4:1 MAX

TYPICAL SECTION

RETAINING WALLS

CATIONS)


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

PROPOSED ENTRANCE/EXIT RAMP TYPICAL SECTION

NOT TO SCALE

HORIZONTAL CURVE DATA

DEGREE	TANGENT	LENGTH	EXTERNAL	CHORD BEARING	CHORD LENGTH	MIDDLE ORDINATE	PC STATION	PT STATION
0° 49' 6.64"	646.60	1289.55	29.80	S 86° 7' 48.19" E	1287.73	29.67	2683+57.85	2696+47.40
0° 29' 53.61"	427.20	854.00	7.93	S 89° 16' 48.67" E	853.81	7.93	2696+47.40	2705+01.40
0° 29' 53.61"	178.12	356.21	1.38	S 88° 2' 24.48" E	356.20	1.38	2705+01.40	2708+57.61
0° 51' 13.99"	129.54	259.05	1.25	S 81° 57' 30.63" E	259.04	1.25	4677+41.69	4680+00.75
0° 51' 13.99"	129.54	259.05	1.25	S 81° 57' 30.63" E	259.04	1.25	4680+00.75	4682+59.80
0° 48' 8.86"	272.76	545.26	5.21	S 83° 2' 24.98" E	545.13	5.2	4696+68.44	4702+13.70
1° 16' 23.66"	308.06	615.16	10.53	S 89° 8' 39.45" E	614.68	10.51	4706+13.48	4712+28.64
0° 51' 13.99"	129.54	259.05	1.25	S 79° 44' 47.37" E	259.04	1.25	4672+87.15	4675+46.20
0° 51' 13.99"	129.54	259.05	1.25	S 79° 44' 47.37" E	259.04	1.25	4675+46.20	4678+05.25
0° 50' 6.78"	751.16	1496.37	41	S 87° 6' 5.19" E	1493.4	40.76	4692+15.56	4707+11.93
2° 0' 1.98"	131.21	262.24	3	S 78° 13' 45.88" E	262.15	3	10+00.00	12+62.24
0° 59' 59.73"	262.51	524.66	6.01	S 78° 13' 45.88" E	524.47	6	12+62.24	17+86.89
2° 0' 1.98"	113.61	227.11	2.25	S 78° 34' 50.78" E	227.05	2.25	22+86.89	25+14.00
2° 0' 1.98"	113.61	227.11	2.25	S 78° 34' 50.78" E	227.05	2.25	25+14.00	27+41.11
2° 0' 37.36"	130.57	260.95	2.99	S 83° 28' 32.12" E	260.86	2.99	10+00.00	12+60.95
0° 59' 50.96"	263.15	525.94	6.02	S 83° 28' 32.12" E	525.75	6.02	12+60.95	17+86.89
2° 0' 1.98"	119.75	239.37	2.5	S 83° 14' 48.52" E	239.3	2.5	22+86.70	25+26.07
0° 59' 59.81"	239.66	479.05	5.01	S 83° 14' 45.61" E	478.91	5.01	25+26.07	30+05.12
2° 53' 58.50"	221.84	441.83	12.41	S 83° 36' 12.74" E	440.91	12.34	10+00.00	14+41.83
2° 49' 50.95"	165.68	330.63	6.77	S 81° 52' 39.37" E	330.26	6.75	14+41.83	17+72.46
0° 31' 0.25"	229.38	458.69	2.37	S 87° 44' 32.65" E	458.65	2.37	17+72.46	22+31.14

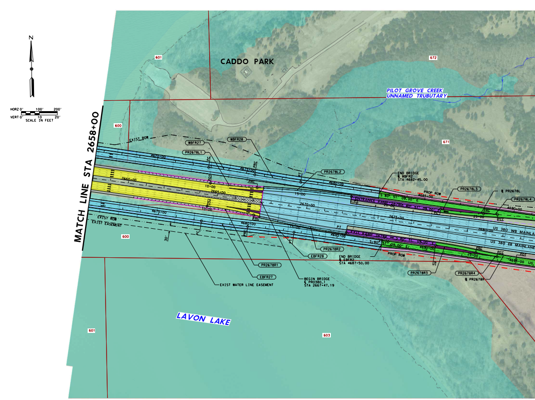
SUPERELEVATION SIGN DIAGRAM

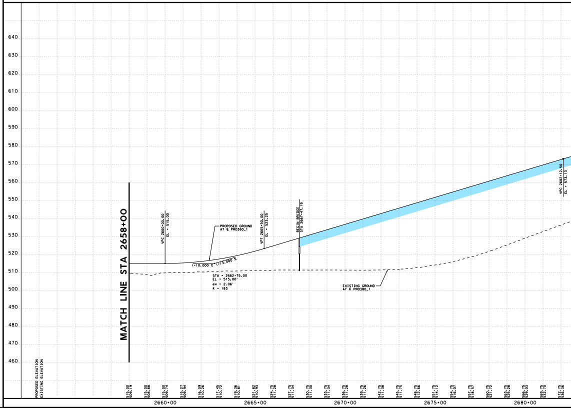
PROPERTY OWNERS

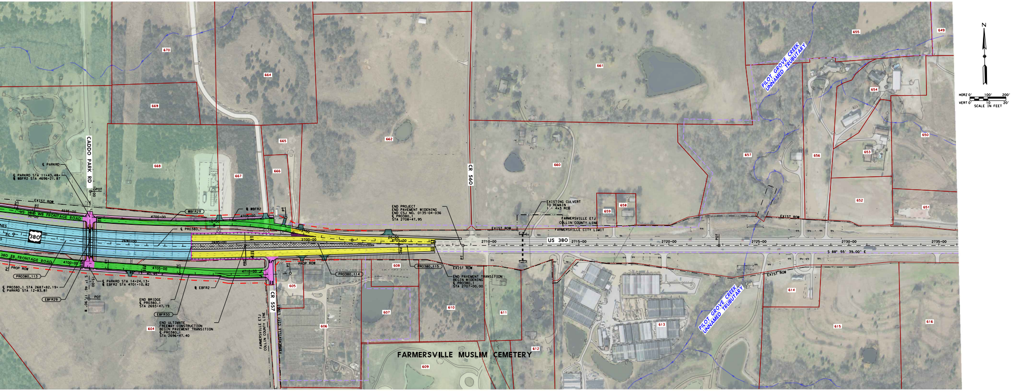
PARCEL	OWNER	OCCUPANT
639	CITY OF FARMERSVILLE	CITY LAND
640	PENVESCO	VACANT
641	SHG LAND INVESTMENTS OF FARMERSVILLE LTD	VACANT
642	GEM LONG BEACH LLC	VACANT
643	AYALA CAPITAL INVESTMENTS LLC	VACANT
644	ZYK REALTY LCC	VACANT
645	ZYK REALTY LCC	SHELL/FARMERS FOOD & FUEL MARKET
646	FARMERSVILLE NH REALTY LTD	LEXINGTON MEDICAL LODGE
647	MNP REALITY LLC	VACANT
648	FARMERSVILLE DEVELOPERS LLC	VACANT
649	FVF PROPERTY LLC	VACANT
650	FARMERSVILLE DEVELOPERS LLC	VACANT
651	FARMERSVILLE DEVELOPERS LLC	VACANT
652	VILLALBA JESUS TAPIA &	VACANT
653	VILLALVA ALEJANDRO TAPIA &	RESIDENTIAL
654	JONES PERRY & KIMBERLY	RESIDENTIAL
655	MIDKIFF THOMAS O IV	VACANT
656	STEPHENSON DAVID & LISA M	RESIDENTIAL
657	M252 LCC	RESIDENTIAL
658	DICKEY, PAMELA LOURENA	RESIDENTIAL
659	DICKEY, BOBBY	RESIDENTIAL
660	FARMERSVILLE LAKESIDE DEVELOPMENT LLC	RESIDENTIAL
661	FARMERSVILLE LAKESIDE DEVELOPMENT LLC	RESIDENTIAL
662	HENDRICKS, MONT	OPEN-SPACE AGRCULTURAL LAND
663	BREECHER LAWRENCE & LAWRENCE PATRIC BREECHER &	VACANT
664	KALACAKRA BUDDHA ASSOC	KALACHAKRA MEDITATION CENTER
665	CR-RENTAL LLC	VACANT
666	MOHAMMED WAHED & ARISHA BEGUM	RESIDENTIAL
667	TEXAS-NEW MEXICO POWER COMPANY	UTILITY
668	TEXAS-NEW MEXICO POWER COMPANY	UTILITY
669	TEXAS-NEW MEXICO POWER COMPANY	UTILITY
670	KALACAKRA BUDDHA ASSOC	KALACHAKRA MEDITATION CENTER
671	USA	FEDERAL LAND
672	USA	FEDERAL LAND
673	USA	FEDERAL LAND

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
HORZ 0' 100' 200'
VERT 0' 10' 20'
SCALE IN FEET
MATCH LINE STA 2658+00
CADDO PARK
PILOT GROVE CREEK UNNAMED TRUBUTARY
LAVON LAKE
601
672
600
671
600
601
603
EXIST ROW
EXIST ROW
EXIST EASEMENT
WBFR28
WBFR27
PR2678L1
PR2678L2
PR2678L3
PR2678L4
℄ PR2678L
END BRIDGE
℄ WBFR2
STA 4682+45.00
END BRIDGE
℄ EBFR2
STA 4687+50.00
BEGIN BRIDGE
℄ PRO380_1
STA 2667+47.19
PROP ROW
EBFR28
PR2678R2
PR2678R1
EBFR27
PR2678R3
PR2678R4
℄ PR2678R
EXIST WATER LINE EASEMENT
US 380 WB MAINLANES
US 380 EB MAINLANES
2660+00
2665+00
2670+00
2675+00
2680+00
4670+00
4675+00
4680+00
4685+00
10+00
15+00
20+00
25+00
30'




CADDO PARK RD
℄ PARKRD
℄ PARKRD STA 11+43.48=
℄ WBFR2 STA 4696+21.87
POT
10+00
EXIST ROW
PC
PT
4695+00
US 380 WB FRONTAGE ROAD
30+00
380
NES
PC
2690+00
380 EB FRONTAGE ROAD
4700+00
PROP ROW
PRO380_113
℄ PRO380_1 STA 2687+82.19=
℄ PARKRD STA 12+83.81
EBFR29
15+00
S 1° 46' 17.90" W
POT
℄ PARKRD STA 14+24.13=
℄ EBFR2 STA 4701+10.82
4705+00
4710+00
WBFR29
4700+00
℄ WBFR2
4705+00
℄ PRO380_1
2695+00
2700+00
15+00
20+00
2705+00
PT
PC
PRC
℄ EBFR2
END BRIDGE
℄ PRO380_1
STA 2693+47.19
EBFR30
END ULTIMATE
FREEWAY CONSTRUCTION
BEGIN PAVEMENT TRANSITION
℄ PRO380_1
STA 2696+47.40
FARMERSVILLE ETJ
COLLIN COUNTY LINE
FARMERSVILLE CITY LIMIT
CR 557
PROP ROW
PRO380_114
PRO380_115
END PROJECT
END PAVEMENT WIDENING
END CSJ NO. 0135-04-036
℄ PRO380_1
STA 2708+47.95
CR 560
EXIST ROW
END PAVEMENT TRANSITION
BEGIN WIDENING
℄ PRO380_1
STA 2707+00.00
EXISTING CULVERT
TO REMAIN
1 - 4x3 RCB
FARMERSVILLE ETJ
COLLIN COUNTY LINE
FARMERSVILLE CITY LIMIT
US 380
2710+00
2715+00
2720+00
POT
2725+00
2730+00
2735+00
S 88° 55' 39.00" E
EXIST ROW
EXIST ROW
PILOT GROVE CREEK
UNNAMED TRUBUTARY
PILOT GROVE CREEK
UNNAMED TRUBUTARY
FARMERSVILLE MUSLIM CEMETERY
670
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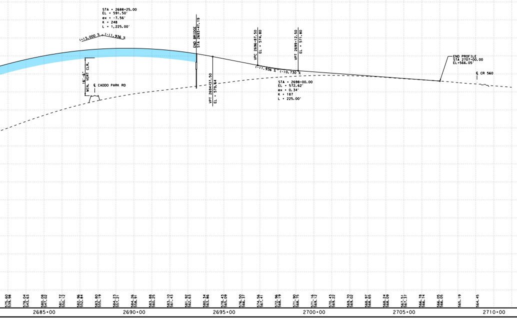
HORZ 0' 100' 200'
VERT 0' 10 20'
SCALE IN FEET

US380 MAINLANES PROFILE


STA = 2688+25.00
EL = 591.50'
ex = -7.56'
K = 248
L = 1,225.00'
(+)3.000 %
(-)1.936 %
16'-6"
MIN. VERT CLR.
℄ CADDO PARK RD
END BRIDGE
STA 2693+47.19
VPT 2694+37.50
EL = 579.64
VPC 2696+87.50
EL = 574.80
VPT 2699+12.50
EL = 571.80
(-)1.936 %
(-)0.730 %
STA = 2698+00.00
EL = 572.62'
ex = 0.34'
K = 187
L = 225.00'
END PROFILE
STA 2707+00.00
EL=566.05'
℄ CR 560
575.60
539.98
578.04
543.63
580.08
547.02
581.72
550.12
582.96
552.84
583.80
555.19
584.23
557.21
584.26
558.91
583.88
560.25
583.10
561.43
581.92
562.63
580.34
563.86
578.43
565.09
576.50
566.37
574.56
567.41
572.96
568.19
571.90
568.75
571.16
569.12
570.43
569.22
569.70
569.02
568.97
568.65
568.24
568.09
567.51
567.37
566.78
566.74
566.05
566.05
565.19
564.45
2685+00
2690+00
2695+00
2700+00
2705+00
2710+00

PRELIMINARY
SUBJECT TO CHANGE

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

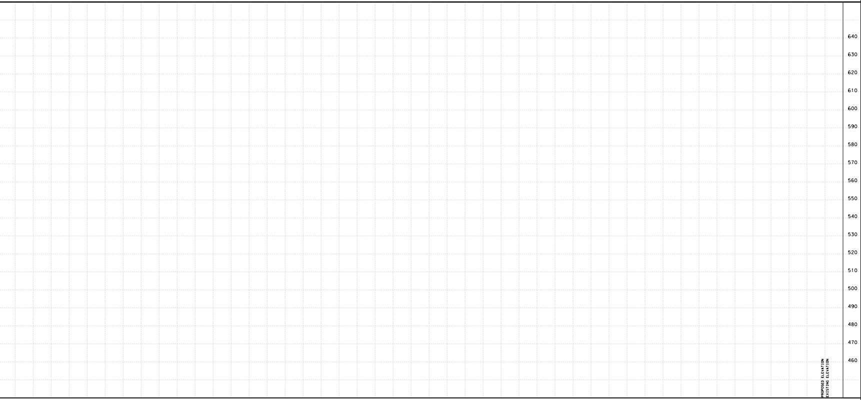
SOURCE: TxDOT TRANSPORTATION PROGRAMMING AND PLANNING DIVISION
MEMO DATED: AUGUST 31, 2020

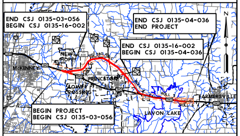
SCALE: 1"=200' H, 1"=20' V

AUGUST 2022

LEGEND:

- EXISTING ROW
- PROPOSED ROW
- 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
- 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
N
NEW HOPE
McKINNEY
PRINCETON
LOWRY CROSSING
FARMERSVILLE
LAVON LAKE
BEGIN PROJECT
BEGIN CSJ 0135-03-056

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 6 OF 6