Texas Department of Transportation
DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

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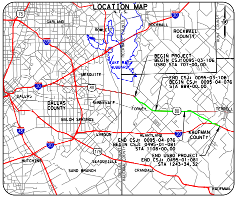
US 80
100% DESIGN SCHEMATIC

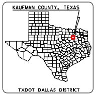
KAUFMAN COUNTY, TEXAS
FROM WEST OF FM 460 TO IH 20
CSJ: 0095-03-106, 0095-04-076 & 0495-01-081
LENGTH: 11.7 MILES

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
MAIN LANES:	60 MPH	URBAN FREEWAY
DIRECT CONNECTORS:	40 MPH	
RAMPS:	40 MPH	
FRONTAGE ROADS/BYPASSES/CONNECTORS:	40 MPH	
LOCAL STREETS:	30 MPH	LOCAL
LOCAL STREETS CONNECTORS:	20 MPH	
TURNAROUNDS:	15 MPH	

INDEX OF SHEETS

ROLL 1 OF 31:	PLAN & PROFILE STA. BEGIN TO STA. 760+00
ROLL 2 OF 31:	PLAN & PROFILE STA. 760+00 TO STA. 816+00
ROLL 3 OF 31:	PLAN & PROFILE STA. 816+00 TO STA. 872+00
ROLL 4 OF 31:	PLAN & PROFILE STA. 872+00 TO STA. 917+00
ROLL 5 OF 31:	PLAN & PROFILE STA. 917+00 TO STA. 955+00
ROLL 6 OF 31:	PLAN & PROFILE STA. 955+00 TO STA. 1003+00
ROLL 7 OF 31:	PLAN & PROFILE STA. 1003+00 TO STA. 1042+00
ROLL 8 OF 31:	PLAN & PROFILE STA. 1042+00 TO STA. 1081+00
ROLL 9 OF 31:	PLAN & PROFILE STA. 1081+00 TO (SP557) STA. 1134+00
ROLL 10 OF 31:	PLAN & PROFILE (SP557) STA. 1134+00 TO STA. 1178+00
ROLL 11 OF 31:	PLAN & PROFILE STA. 1178+00 TO STA. 1227+00
ROLL 12 OF 31:	PLAN & PROFILE STA. 1227+00 TO STA. 1274+00
ROLL 13 OF 31:	PLAN & PROFILE STA. 1274+00 TO STA. 1323+00
ROLL 14 OF 31:	PLAN & PROFILE I-20 INTERCHANGE (1 OF 2)
ROLL 15 OF 31:	PLAN & PROFILE I-20 INTERCHANGE (2 OF 2)
ROLL 16-19 OF 31:	PLAN & PROFILE EB FRONTAGE ROADS
ROLL 20-23 OF 31:	PLAN & PROFILE WB FRONTAGE ROADS
ROLL 24 OF 31:	PLAN & PROFILE EB AND WB US80 BUSINESS
ROLL 25 OF 31:	PLAN & PROFILE US80 CROSS STREETS
ROLL 26 OF 31:	PLAN & PROFILE SP557 CROSS STREETS
ROLL 27-29 OF 31:	PLAN & PROFILE US80/SP557 RAMPS
ROLL 30 OF 31:	PLAN & PROFILE U-TURNS/I-20 DIRECT CONNECTORS
ROLL 31 OF 31:	PLAN & PROFILE I-20 FRONTAGE ROADS


LOCATION MAP
N.T.S.
GARLAND
ROWLETT
ROCKWALL
ROCKWALL COUNTY
LAKE RAY HUBBARD
BEGIN PROJECT
BEGIN CSJ: 0095-03-106
US80 STA 707+00.00
MESQUITE
END CSJ: 0095-03-106
BEGIN CSJ: 0095-04-076
STA 889+00.00
DALLAS
DALLAS COUNTY
SUNNYVALE
FORNEY
TERRELL
BALCH SPRINGS
KAUFMAN COUNTY
LAWSON
HEARTLAND
END CSJ: 0095-04-076
BEGIN CSJ: 0495-01-081
STA 1108+00.00
END US80 PROJECT
END CSJ: 0495-01-081
STA 1243+34.32
HUTCHINS
SEAGOVILLE
SAND BRANCH
CRANDALL
KAUFMAN


KAUFMAN COUNTY, TEXAS

TXDOT DALLAS DISTRICT
TEXAS COUNTY MAP
N.T.S.

STEPHEN A JOHNSON
103591
12/8/2023

December 8, 2023

ROLL NUMBER	3/31

GARVER
3010 GAYLORD PARKWAY
SUITE 190
FRISCO, TX 75034
FIRM REGISTRATION NO. 5713

LEGEND

— ·· — ·· —	EXISTING ROW
— — — —	EXISTING EASEMENT
———	EXISTING PROPERTY LIMITS
═ ·· ═	EXISTING CULVERT
═ ·· ═	EXISTING STORM SEWER
▭	FEMA 100 YR FLOODPLAIN LIMITS
▩	WETLANDS
———	PARK BOUNDARY
———	EXISTING PLANIMETRIC FEATURES
- - - - - -	EXISTING CONTOURS (5-FT)
— — — —	EXISTING TELEPHONE/CABLE/FIBER OPTIC LINE
— — — —	EXISTING WATER LINE
— — — —	EXISTING ELECTRIC LINE
— — — —	EXISTING SANITARY SEWER LINE
— — — —	EXISTING GAS/PETROLEUM LINE
— — — —	CITY/COUNTY LIMITS
— - — - —	PROPOSED CENTERLINE/BASELINE
— ·· — ·· —	PROPOSED ROW
— ·· — ·· —	PROPOSED ROW BY OTHERS
‖———‖———‖	PROPOSED ACCESS DENIAL
— · — · —	PROPOSED DRAINAGE EASEMENT
———	PROPOSED EDGE OF PAVEMENT
━━━	PROPOSED CTB
———	PROPOSED BRIDGE
———	PROPOSED RETAINING WALL
— — — —	POTENTIAL NOISE WALL
═ ·· ═	PROPOSED CULVERT
▩	PAVEMENT/BRIDGE TO BE REMOVED
■	EXISTING BRIDGE TO REMAIN
■	PROPOSED CONCRETE BRIDGE
■	PROPOSED STEEL BRIDGE
🟨	PROPOSED MAIN LANES
■	PROPOSED RAMP
🟩	PROPOSED FRONTAGE ROAD/BYPASSES
🟪	PROPOSED CROSS STREET
■	PROPOSED SHARED USE PATH
■	PROPOSED PROJECT BY OTHERS
🟧	POTENTIAL DISPLACEMENTS
▭	PROPOSED RIP RAP
⊥	PERPENDICULAR CURB RAMP
—o——o—	PROPOSED GUARDRAIL
⇨	EXISTING TRAFFIC FLOW
→	PROPOSED TRAFFIC FLOW
(200)	PARCEL ID

NOTES:

1. EXISTING FEATURES AND EXISTING ROW BASED ON LIMITED FIELD SURVEY. NO BOUNDARY SURVEY WAS PERFORMED. SCHEMATICS ARE BASED ON AERIAL TOPO DATED FEBRUARY 14, 2022 AND RECORD PLANS.
2. TRAFFIC APPROVED BY TXDOT DALLAS DISTRICT AND REVIEWED BY TP&P ON 05-15-2023.
3. SHARED USE PATH ADA RAMP LAYOUTS ARE PRELIMINARY AND SUBJECT TO CHANGE. DETAILED LAYOUTS TO BE DEVELOPED DURING PS&E.
4. DRIVEWAY LOCATIONS ARE PRELIMINARY. FRONTAGE ROAD DRIVEWAY RETURN RADII ARE 15′ FOR RESIDENTIAL AND 25′ FOR COMMERCIAL/FARM/RANCH (UNLESS NOTED OTHERWISE).
5. ACCESS ALONG THE PROPOSED FRONTAGE ROADS WILL BE CONTROLLED BY PERMIT IN ACCORDANCE WITH THE TXDOT ACCESS MANAGEMENT MANUAL.
6. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
7. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL AND IS LINEAR (UNLESS NOTED OTHERWISE). SUPERELEVATION RATES WERE CALCULATED BASED ON A MAXIMUM SUPER ELEVATION RATE OF 6%.
8. ALL CURBS ARE TYPE II (UNLESS NOTED OTHERWISE).
9. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
10. FEMA 100 YEAR FLOODPLAIN LIMITS FROM FLOOD INSURANCE RATE MAPS 48257C0040D, 48257C0155D, 48257C0175D, 48257C0200D, 48257C0185D (2012) IN PROGRESS.
11. EXISTING CULVERT LOCATIONS, SIZES, AND ELEVATIONS OBTAINED FROM RECORD DRAWINGS.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING PS&E.
13. OWNERSHIP INFORMATION OBTAINED FROM KAUFMAN CENTRAL APPRAISAL DISTRICT IN FEBRUARY 2022.
14. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING STRUCTURE. ACTUAL DAMAGES TO THE BUILDING AND PROPERTY TO BE DETERMINED DURING ROW ACQUISITION.
15. U-TURNS DESIGNED TO ACCOMMODATE WB-62 TRUCK PATHING REQUIREMENTS.
16. RAMP CROSS SLOPE TRANSITIONS BETWEEN MAIN LANES (2.5%) AND FRONTAGE ROADS (2%) WILL OCCUR OVER A 50 FT. LENGTH.
17. FUTURE SIGNAL POLE FOUNDATIONS LOCATED WITHIN CLOSE PROXIMITY TO RETAINING WALLS IN THIS PROJECT WILL NEED TO BE INCORPORATED INTO THE RETAINING WALL DESIGNS DURING PS&E.

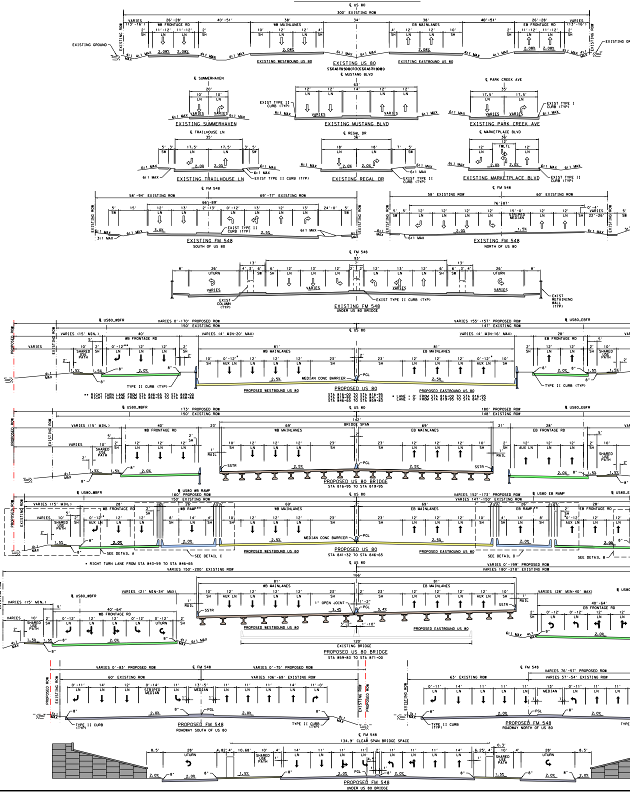
**PRELIMINARY,
NOT FOR CONSTRUCTION**

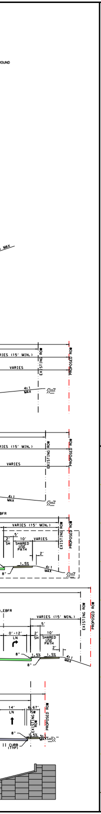
50′ 0 50′ 100′
HORIZONTAL
1":100′

5′ 0 5′ 10′
VERTICAL
1":10′

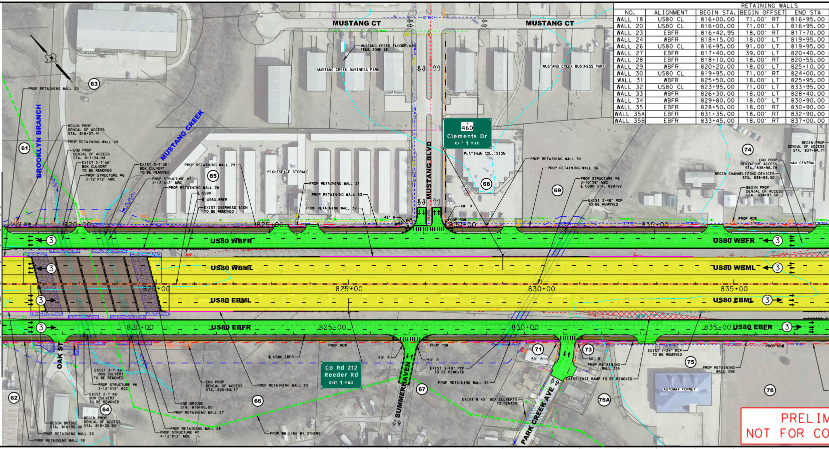
GRAPHIC SCALE IN FEET

TYPICAL SECTIONS [N.T.S.]


300′ EXISTING ROW
EXISTING WESTBOUND US 80
EXISTING US 80
EXISTING EASTBOUND US 80
EXISTING SUMMERHAVEN
EXISTING MUSTANG BLVD
EXISTING PARK CREEK AVE
EXISTING TRAILHOUSE LN
EXISTING REGAL DR
EXISTING MARKETPLACE BLVD
EXISTING FM 548
SOUTH OF US 80
EXISTING FM 548
NORTH OF US 80
EXISTING FM 548
UNDER US 80 BRIDGE
PROPOSED WESTBOUND US 80
PROPOSED US 80
PROPOSED EASTBOUND US 80
PROPOSED US 80 BRIDGE
STA 816+95 TO STA 819+95
PROPOSED US 80
STA 841+32 TO STA 846+65
PROPOSED US 80 BRIDGE
STA 859+83 TO STA 871+00
PROPOSED FM 548
ROADWAY SOUTH OF US 80
PROPOSED FM 548
ROADWAY NORTH OF US 80
PROPOSED FM 548
UNDER US 80 BRIDGE



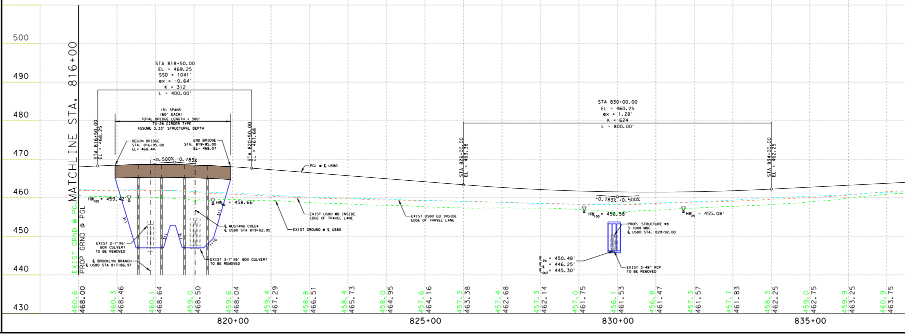
VARIES (15' MIN.)
VARIES
EXISTING ROW
PROPOSED ROW
4:1 MAX
5'
10'
SH
SHARED USE PATH
2'
1.5%
LN
6.67'
14'
II CURB (TYP)



MUSTANG CT
MUSTANG CT
MUSTANG CREEK FLOODPLAIN FEMA ZONE AE
MUSTANG CREEK BUSINESS PARK
MUSTANG CREEK BUSINESS PARK
460 Clements Dr EXIT 1 MILE
PLATINUM COLLISION
RIGHTSPACE STORAGE
BROOKLYN BRANCH
MUSTANG CREEK
MUSTANG BLVD
PROP RETAINING WALL 20
BEGIN PROP DENIAL OF ACCESS STA. 816+37.41
PROP RETAINING WALL 24
END PROP DENIAL OF ACCESS STA. 817+34.94
EXIST 2-7'X6' BOX CULVERT TO BE REMOVED
PROP STRUCTURE #6 3-12'X12' MBC
EXIST 3-7'X6' BOX CULVERT TO BE REMOVED
PROP STRUCTURE #7 4-12'X12' MBC
PROP RETAINING WALL 26
PROP RETAINING WALL 29
℄ US80
℄ US80_WBFR
EXIST OVERHEAD SIGN TO BE REMOVED
PROP RETAINING WALL 31
PROP RETAINING WALL 33
PROP RETAINING WALL 32
PROP RETAINING WALL 34
PROP RETAINING WALL 36
PROP STRUCTURE #8 3-10'X8' MBC ℄ US80 STA. 829+92
EXIST 3-48" RCP TO BE REMOVED
BEGIN PROP DENIAL OF ACCESS STA. 837+94.71
END PROP DENIAL OF ACCESS STA. 836+86.78
BEGIN CHANNELIZING DEVICES STA. 838+83.00
BEGIN PROP DENIAL OF ACCESS STA. 834+97.50
NAV-CENTRAL
PROP ROW
EXIST ROW
48' R
MATCHLINE STA. 816+00
US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
820+00
825+00
830+00
835+00
OAK ST
SUMMERHAVEN
PARK CREEK AVE
Co Rd 212 Reeder Rd EXIT 1 MILE
℄ US80_EBFR
END PROP DENIAL OF ACCESS STA. 820+84.37
PROP RETAINING WALL 30
PROP RETAINING WALL 35
PROP RETAINING WALL 35A
PROP RETAINING WALL 35B
EXIST 3-48" RCP TO BE REMOVED
EXIST 1-24" RCP TO BE REMOVED
EXIST EXIT RAMP TO BE REMOVED
EXIST 8'X5' BOX CULVERTS TO REMAIN
AUTOMAX FORNEY
END BRIDGE STA. 819+95.00
PROP RETAINING WALL 27
PROP RETAINING WALL 28
PROP STRUCTURE #7 4-12'X12' MBC
BEGIN BRIDGE STA. 816+95.00
BEGIN PROP DENIAL OF ACCESS STA. 818+30.93
PROP RETAINING WALL 23
PROP RETAINING WALL 18
PROP STRUCTURE #6 3-12'X12' BCC
EXIST 2-7'X6' BOX CULVERT TO BE REMOVED
PROP WW LINE BY OTHERS
50' R
61
62
63
64
65
66
67
68
69
71
73
74
75
75A
76
3
PRELIM
NOT FOR CO

RETAINING WALLS				
NO.	ALIGNMENT	BEGIN STA.	BEGIN OFFSET	END STA
WALL 18	US80 CL	816+00.00	71.00' RT	816+95.00
WALL 20	US80 CL	816+00.00	71.00' LT	816+95.00
WALL 23	EBFR	816+42.95	18.00' RT	817+70.00
WALL 24	WBFR	818+15.00	18.00' LT	819+95.00
WALL 26	US80 CL	816+95.00	91.00' LT	819+95.00
WALL 27	EBFR	817+40.00	39.00' LT	820+40.00
WALL 28	EBFR	818+10.00	18.00' RT	820+55.00
WALL 29	WBFR	820+20.00	18.00' LT	825+10.00
WALL 30	US80 CL	819+95.00	71.00' RT	824+00.00
WALL 31	WBFR	825+50.00	18.00' LT	825+95.00
WALL 32	US80 CL	823+95.00	71.00' LT	833+95.00
WALL 33	WBFR	826+30.00	18.00' LT	828+40.00
WALL 34	WBFR	829+80.00	18.00' LT	830+90.00
WALL 35	EBFR	828+50.00	18.00' RT	830+90.00
WALL 35A	EBFR	831+35.00	18.00' RT	832+90.00
WALL 35B	EBFR	833+45.00	18.00' RT	837+00.00

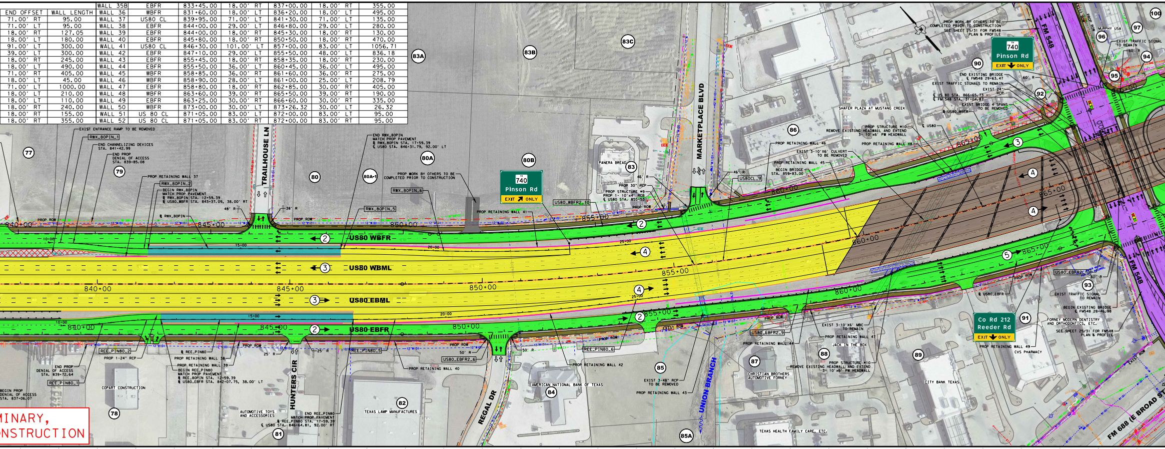
PUS80 - PROP US80 MAIN LANES (60 MPH)



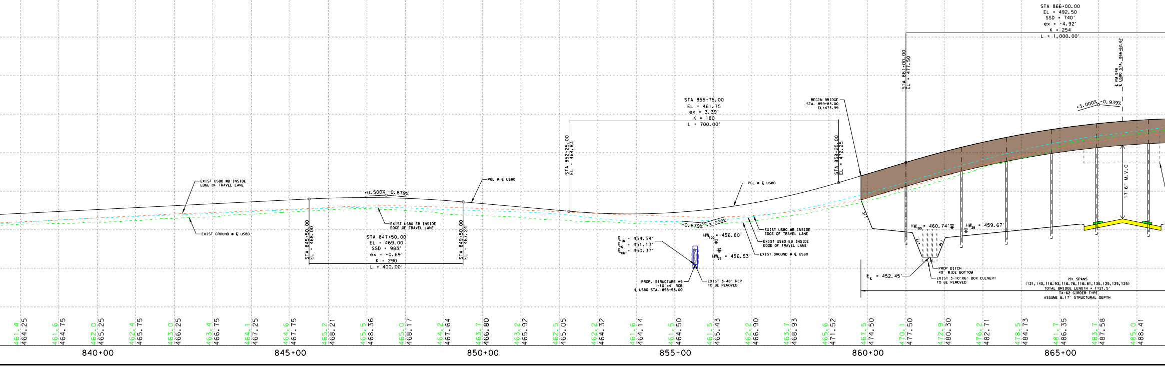
500
490
480
470
460
450
440
430
MATCHLINE STA. 816+00
EXIST GRND @ PGL
PROP GRND @ PGL
STA 818+50.00
EL = 469.25
SSD = 1041'
ex = -0.64'
K = 312
L = 400.00'
(5) SPANS (60' EACH)
TOTAL BRIDGE LENGTH = 300'
TX-28 GIRDER TYPE
ASSUME 3.33' STRUCTURAL DEPTH
BEGIN BRIDGE STA. 816+95.00 EL= 468.44
END BRIDGE STA. 819+95.00 EL= 468.07
STA 816+50.00 EL = 468.25
STA 820+50.00 EL = 467.68
+0.500%
-0.783%
PGL @ ℄ US80
HW100 = 459.42'
HW100 = 458.66'
3:1
1:10
℄ MUSTANG CREEK ℄ US80 STA 819+02.95
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
EXIST GROUND @ ℄ US80
EXIST 2-7'X6' BOX CULVERT TO BE REMOVED
℄ BROOKLYN BRANCH ℄ US80 STA 817+86.97
EXIST 3-7'X6' BOX CULVERT TO BE REMOVED
STA 826+00.00 EL = 463.38
EXIST US80 EB INSIDE EDGE OF TRAVEL LANE
STA 830+00.00
EL = 460.25
ex = 1.28'
K = 624
L = 800.00'
-0.783%
+0.500%
HW100 = 456.58'
HW25 = 455.08'
STA 834+00.00 EL = 462.25
PROP. STRUCTURE #8 3-10X8 MBC ℄ US80 STA. 829+92.00
FLIN = 450.48'
FL℄ = 446.25'
FLOUT = 445.30'
EXIST 3-48" RCP TO BE REMOVED
460.6 468.00
460.3 468.46
460.1 468.64
459.0 468.50
459.6 468.04
459.4 467.29
458.8 466.51
458.4 465.73
458.0 464.95
457.6 464.16
457.3 463.38
457.4 462.68
457.3 462.14
457.0 461.75
456.1 461.53
456.8 461.47
457.3 461.57
457.7 461.83
458.3 462.25
459.0 462.75
459.9 463.25
460.9 463.75
820+00
825+00
830+00
835+00

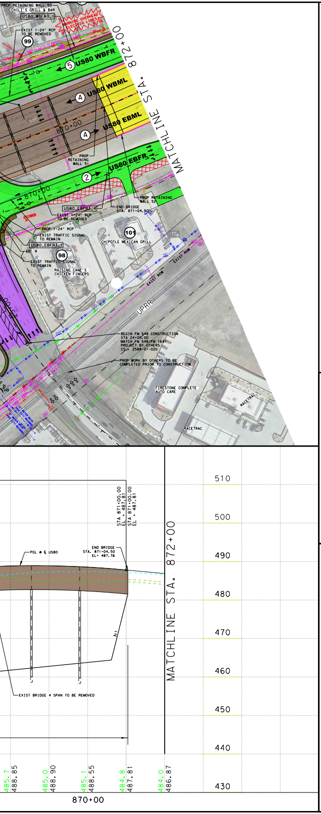
END OFFSET	WALL LENGTH
71.00′ RT	95.00
71.00′ LT	95.00
18.00′ RT	127.05
18.00′ LT	180.00
91.00′ LT	300.00
39.00′ LT	300.00
18.00′ RT	245.00
18.00′ LT	490.00
71.00′ RT	405.00
18.00′ LT	45.00
71.00′ LT	1000.00
18.00′ LT	210.00
18.00′ LT	110.00
18.00′ RT	240.00
18.00′ RT	155.00
18.00′ RT	355.00

WALL 35B	EBFR	833+45.00	18.00′ RT	837+00.00	18.00′ RT	355.00
WALL 36	WBFR	831+60.00	18.00′ LT	836+20.00	18.00′ LT	495.00
WALL 37	US80 CL	839+95.00	71.00′ LT	841+30.00	71.00′ LT	135.00
WALL 38	EBFR	844+00.00	29.00′ LT	846+80.00	29.00′ LT	280.00
WALL 39	EBFR	844+00.00	18.00′ RT	845+30.00	18.00′ RT	130.00
WALL 40	EBFR	845+80.00	18.00′ RT	850+50.00	18.00′ RT	470.00
WALL 41	US80 CL	846+30.00	101.00′ LT	857+00.00	83.00′ LT	1056.71
WALL 42	EBFR	847+10.00	29.00′ LT	855+50.00	48.00′ LT	836.18
WALL 43	EBFR	855+45.00	18.00′ RT	858+35.00	18.00′ RT	230.00
WALL 44	EBFR	855+50.00	36.00′ LT	860+45.00	36.00′ LT	495.00
WALL 45	WBFR	858+85.00	36.00′ RT	861+60.00	36.00′ RT	275.00
WALL 46	WBFR	858+90.00	28.00′ LT	861+00.00	25.00′ LT	208.79
WALL 47	EBFR	858+80.00	18.00′ RT	862+85.00	30.00′ RT	405.00
WALL 48	WBFR	863+60.00	39.00′ RT	865+50.00	39.00′ RT	190.00
WALL 49	EBFR	863+25.00	30.00′ RT	866+60.00	30.00′ RT	335.00
WALL 50	WBFR	873+00.00	30.00′ LT	873+26.32	30.00′ LT	26.32
WALL 51	US 80 CL	871+05.00	83.00′ LT	872+00.00	83.00′ LT	95.00
WALL 52	US 80 CL	871+05.00	83.00′ RT	872+00.00	83.00′ RT	95.00


US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
TRAILHOUSE LN
MARKETPLACE BLVD
HUNTERS CIR
REGAL DR
UNION BRANCH
FM 548
FM 688 (E BROAD ST)
740 Pinson Rd EXIT ONLY
Co Rd 212 Reeder Rd EXIT ONLY
840+00
845+00
850+00
855+00
860+00
865+00
EXIST ENTRANCE RAMP TO BE REMOVED
RWX_80PIN_1
END CHANNELIZING DEVICES STA. 841+42.99
END PROP DENIAL OF ACCESS STA. 839+85.08
PROP RETAINING WALL 37
RWX_80PIN_2
BEGIN RWX_80PIN MATCH PROP PAVEMENT
END RWX_80PIN MATCH PROP PAVEMENT
PROP WORK BY OTHERS TO BE COMPLETED PRIOR TO CONSTRUCTION
PROP RETAINING WALL 41
PANERA BREAD
SHAFER PLAZA AT MUSTANG CREEK
AMERICAN NATIONAL BANK OF TEXAS
CHRISTIAN BROTHERS AUTOMOTIVE FORNEY
CITY BANK TEXAS
CVS PHARMACY
TEXAS LAMP MANUFACTURES
AUTOMOTIVE TOYS AND ACCESSORIES
COPART CONSTRUCTION
TEXAS HEALTH FAMILY CARE, ETC.
M. RPHY USA
FORNEY MODERN DENTISTRY AND ORTHODONTICS, ETC.
EXIST TRAFFIC SIGNALS TO REMAIN
END EXISTING BRIDGE
BEGIN EXISTING BRIDGE
EXIST BRIDGE 4 SPANS TO BE REMOVED
SEE SHEET 25/31 FOR FM548 PLAN & PROFILE
77
78
79
80
80A
80A-1
80B
81
82
83
83A
83B
83C
84
85
85A
86
87
88
89
90
91
92
93
94
95
96
97
100

MINARY,
NSTRUCTION


STA 866+00.00
EL = 492.50
SSD = 740′
ex = -4.92′
K = 254
L = 1,000.00′
STA 855+75.00
EL = 461.75
ex = 3.39′
K = 180
L = 700.00′
STA 847+50.00
EL = 469.00
SSD = 983′
ex = -0.69′
K = 290
L = 400.00′
+0.500%
-0.879%
-0.879%
+3.000%
+3.000%
-0.939%
PGL @ ℄ US80
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
EXIST US80 EB INSIDE EDGE OF TRAVEL LANE
EXIST GROUND @ ℄ US80
BEGIN BRIDGE STA. 859+83.00 EL=473.99
PROP. STRUCTURE #9 1-10′x4′ RCB ℄ US80 STA. 855+53.00
EXIST 3-48″ RCP TO BE REMOVED
PROP DITCH 40′ WIDE BOTTOM
EXIST 3-10′X6′ BOX CULVERT TO BE REMOVED
(9) SPANS
TOTAL BRIDGE LENGTH = 1121.5′
TX-62 GIRDER TYPE
ASSUME 6.17′ STRUCTURAL DEPTH
17′-6″ M.V.C.
840+00
845+00
850+00
855+00
860+00
865+00


PROP RETAINING WALL 50
CHILI'S GRILL & BAR
US80_WBFR3_1
EXIST 1-24" RCP TO BE REMOVED
99
US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
MATCHLINE STA. 872+00
870+00
PROP RETAINING WALL 51
PROP RETAINING WALL 52
US80_EBFR3_4
END BRIDGE STA. 871+04.50
EXIST 1-24" RCP TO BE REMOVED
PROP 1-24" RCP
EXIST TRAFFIC SIGNAL TO REMAIN
US80_EBFR3_1
101
CHIPOTLE MEXICAN GRILL
98
RAISING CANE'S CHICKEN FINGERS
EXIST ROW
UPRR
BEGIN FM 548 CONSTRUCTION STA 24+00.00 MATCH FM 548/FM 1641 PROJECT BY OTHERS CSJ: 2588-01-020
PROP WORK BY OTHERS TO BE COMPLETED PRIOR TO CONSTRUCTION
FIRESTONE COMPLETE AUTO CARE
RACETRAC
PGL & ℄ US80
END BRIDGE STA. 871+04.50 EL= 487.76
STA 871+00.00 EL = 487.81
EXIST BRIDGE 4 SPAN TO BE REMOVED
MATCHLINE STA. 872+00
510
500
490
480
470
460
450
440
430
870+00

PARCEL NUMBER	OWNER NAME	PROPERTY ADDRESS
61	INTERNATIONAL ARCHITECTURAL METALS	206 E. HWY. 80, FORNEY, TX
62	HOGAN EQUITIES, LLC	303 HWY. 80, FORNEY, TX
63	FUCHSUN, LLC	214 E. HWY. 80, FORNEY, TX
64	AMERICAN LEGION POST 591, TRUSTEE FOR FORNEY B	305 E. HWY. 80, FORNEY, TX
65	NSA PROPERTY HOLDINGS, LLC	394 E. HWY. 80, FORNEY, TX
66	SUMMER HAVEN LAND, LLC	HWY. 80, FORNEY, TX
67	*SUMMER HAVEN MHP, LLC	655 SUMMERHAVEN, FORNEY, TX
68	PCC REAL ESTATE HOLDINGS, LP	400 E. HWY. 80, FORNEY, TX
69	PCC REAL ESTATE HOLDINGS, LP	HWY. 80, FORNEY, TX
71	MURILLO, CIPRIANO	807 PARK CREEK AVE., FORNEY, TX 75126
73	PETERMAN, ALYCE L.	808 PARK CREEK AVE., FORNEY, TX 75126
74	TRAILHOUSE PARK, LLC	502 E. HWY. 80, FORNEY, TX
75	FCM REALTY, LLC	401 E. HWY. 80, FORNEY, TX
75A	FCM REALTY, LLC	0 HWY. 80, FORNEY, TX
76	ANDERSON CLAYTON FUNERAL HOMES	HWY. 80, FORNEY, TX
77	TRAILHOUSE PARK, LLC	HWY. 80, FORNEY, TX
78	VALFAIR CONSTRUCTION, INC.	501 US HWY. 80, FORNEY, TX 75126
79	TRAILHOUSE PARK, LLC	HWY. 80, FORNEY, TX
80	FORNEY MARKET RETAIL LLC	HWY. 80 TX
80A-1	VICTORY AT FORNEY, LLC	US HWY. 80, FORNEY, TX 75126
80A	VICTORY AT FORNEY, LLC	HWY. 80, TX
80B	VICTORY AT FORNEY, LLC	HWY. 80, TX
81	N & H LEGACY PARTNERS, LLC	503 E. HWY. 80, FORNEY, TX
82	WILDCAT FORNEY, LLC	505 E. HWY. 80, FORNEY, TX
83	BERMUDA HOUSE APARTMENTS LLP	680 E HWY 80 FORNEY,TX,75126
83A	FORNEY MARKET RETAIL, LLC	HWY. 80, FORNEY, TX
83B	FORNEY MARKET RETAIL, LLC	HWY. 80, FORNEY, TX
83C	GOLDEN JUBILEE RETAIL, LLC	MARKET PLACE BLVD., TX
84	AMERICAN NATIONAL BANK OF TEXAS	104 REGAL DR., FORNEY, TX
85	SCSD FINNELL, LTD.	HWY. 80, FORNEY, TX
85A	SKW HOLDINGS, LTD	0 HWY. 80, FORNEY, TX
86	HRE MUSTANG CROSSING, LLC	E. HWY. 80, FORNEY, TX
87	MIAN REAL ESTATE HOLDINGS FUND I SERIES, LLC	725 E. US HWY. 80, TX
88	JACK IN THE BOX EASTERN DIVISION	769 E. HWY. 80, FORNEY, TX
89	CITY BANK	771 E. HWY. 80, FORNEY, TX
90	J EVANS FAMILY PARTNERSHIP KNOX, LTD.	351 FM RD. 548, TX
91	VERMEULEN RANCH CENTER, LLC ET AL	775 E. HWY. 80, TX
92	STATE OF TEXAS	HWY. 80 & FM 548, FORNEY, TX 75126
93	SC FORNEY PROPERTIES, LLC	101 N. FM RD. 548, FORNEY, TX
94	STATE OF TEXAS	HWY. 80 & FM 548, FORNEY, TX 75126
95	STATE OF TEXAS	HWY. 80 & FM 548, FORNEY, TX 75126
96	MURPHY OIL USA, INC.	802 E. HWY. 80, FORNEY, TX
97	WAL-MART REAL ESTATE BUSINESS TRUST	802 E. HWY. 80, FORNEY, TX
98	NFM 548 LLC	100 N FM RD 548 TX
99	STATE OF TEXAS	HWY. 80 & FM 548, FORNEY, TX 75126
100	LFQ FORNEY, LLC & MBQ FORNEY, LLC	824 E. HWY. 80, FORNEY, TX
101	80 FORNEY, LLC	HWY. 80, TX

HORIZONTAL ALIGNMENT DATA

BASELINE	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	TANGENT	LENGTH	P.C. STATION	P.T. STATION
US80CL	US80CL_9	869+16.00	N 6,959,677.06	E 2,599,489.39	40° 33′ 01.64" (LT)	5,750.00	4,069.50	2,124.16	847+91.84	888+61.34
US80_WBFR2	US80_WBFR2_10	858+28.38	N 6,960,630.65	E 2,598,606.68	18° 36′ 03.47" (LT)	4,500.00	736.94	1,460.92	850+91.44	865+52.36
US80_WBFR3	US80_WBFR3_1	879+40.43	N 6,959,835.01	E 2,600,493.20	19° 30′ 45.10" (LT)	4,250.00	730.76	1,447.37	872+09.67	886+57.04
US80_EBFR2	US80_EBFR2_6	851+45.66	N 6,960,780.43	E 2,598,044.57	6° 03′ 10.10" (LT)	5,880.00	310.87	621.17	848+34.79	854+55.96
US80_EBFR2	US80_EBFR2_9	861+70.20	N 6,960,186.37	E 2,598,880.01	10° 45′ 16.36" (LT)	4,202.00	395.52	788.72	857+74.67	865+63.40
US80_EBFR2	US80_EBFR2_10	866+62.00	N 6,959,980.20	E 2,599,329.06	1° 54′ 41.63" (LT)	5,910.00	98.60	197.18	865+63.40	867+60.57
US80_EBFR3	US80_EBFR3_1	868+84.49	N 6,959,909.38	E 2,599,497.90	1° 40′ 03.77" (LT)	5,804.95	84.49	168.97	868+00.00	869+68.97
US80_EBFR3	US80_EBFR3_4	879+35.12	N 6,959,531.20	E 2,600,478.12	20° 10′ 4315" (LT)	4,202.00	747.68	1,479.88	871+87.44	886+67.31
RWX_80PIN	RWX_80PIN_1	10+64.93	N 6,961,730.06	E 2,597,329.43	7° 04′ 38.07" (RT)	1,050.00	64.93	129.70	10+00.00	11+29.70
RWX_80PIN	RWX_80PIN_2	11+94.63	N 6,961,632.73	E 2,597,415.40	7° 04′ 38.07" (LT)	1,050.00	64.93	129.70	11+29.70	12+59.39
RWX_80PIN	RWX_80PIN_5	18+68.51	N 6,961,186.37	E 2,597,920.47	2° 21′ 31.90" (RT)	5,300.00	109.12	218.20	17+59.39	19+77.59
RWX_80PIN	RWX_80PIN_6	22+73.89	N 6,960,905.62	E 2,598,212.95	8° 55′ 01.47" (LT)	3,800.00	296.30	591.40	19+77.59	25+69.00
REE_PIN80	REE_PIN80_1	10+64.93	N 6,961,546.34	E 2,597,211.13	7° 04′ 38.07" (LT)	1,050.00	64.93	129.70	10+00.00	11+29.70
REE_PIN80	REE_PIN80_2	11+94.63	N 6,961,472.99	E 2,597,318.29	7° 04′ 38.07" (RT)	1,050.00	64.93	129.70	11+29.70	12+59.39
REE_PIN80	REE_PIN80_5	21+18.05	N 6,960,861.39	E 2,598,010.35	7° 44′ 33.59" (LT)	5,300.00	358.65	716.22	17+59.39	24+75.61
REE_PIN80	REE_PIN80_6	25+14.89	N 6,960,640.45	E 2,598,341.31	1° 11′ 04.01" (RT)	3,800.00	39.28	78.56	24+75.61	25+54.17

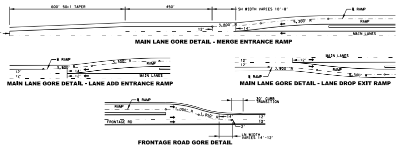
SUPERELEVATION SIGN CONVENTION

℄
(-) | (+)
(+) | (-)

SUPERELEVATION

BASELINE	ROADWAY	BEGIN TRANSITION		END TRANSITION	
		STATION	e	STATION	e
US80CL	US80 WBML	842+65	2.50%	848+65	3.40%
		887+68	3.40%	893+88	2.50%
US80CL	US80 EBML	842+65	-2.50%	848+85	3.40%
		887+68	3.40%	893+88	-2.50%

RAMP GORE DETAILS [N.T.S.]

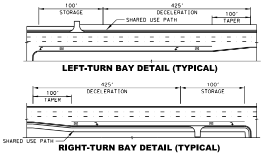

600' 50:1 TAPER
450'
SH WIDTH VARIES 10'-8'
℄ RAMP
5,300' R
3,800' R
RAMP
MAIN LANES
12'
14'
℄ RAMP
MAIN LANES
1,050' R
30' CURB TRANSITION
FRONTAGE RD
LN. WIDTH VARIES 14'-12'

MAIN LANE GORE DETAIL - MERGE ENTRANCE RAMP

MAIN LANE GORE DETAIL - LANE ADD ENTRANCE RAMP

MAIN LANE GORE DETAIL - LANE DROP EXIT RAMP

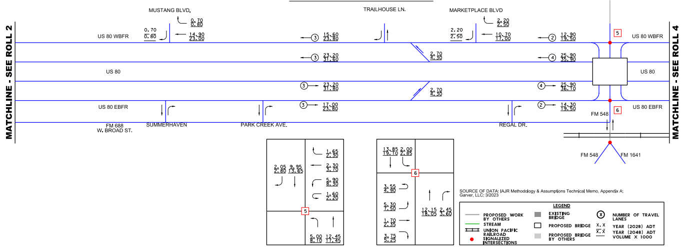
FRONTAGE ROAD GORE DETAIL


100' STORAGE
425' DECELERATION
100' TAPER
SHARED USE PATH
100' TAPER
425' DECELERATION
100' STORAGE
SHARED USE PATH

LEFT-TURN BAY DETAIL (TYPICAL)

RIGHT-TURN BAY DETAIL (TYPICAL)

TRAFFIC LINE DIAGRAM [N.T.S.]


MATCHLINE - SEE ROLL 2
MATCHLINE - SEE ROLL 4
MUSTANG BLVD.
TRAILHOUSE LN.
MARKETPLACE BLVD
FM 548
US 80 WBFR
US 80
US 80 EBFR
FM 688 W. BROAD ST.
SUMMERHAVEN
PARK CREEK AVE.
REGAL DR.
FM 548
FM 1641
LEGEND
PROPOSED WORK BY OTHERS
STREAM
UNION PACIFIC RAILROAD
SIGNALIZED INTERSECTIONS
EXISTING BRIDGE
PROPOSED BRIDGE
PROPOSED BRIDGE BY OTHERS
NUMBER OF TRAVEL LANES
YEAR (2028) ADT
YEAR (2048) ADT
VOLUME X 1000

SOURCE OF DATA: IAJR Methodology & Assumptions Technical Memo, Appendix A; Garver, LLC; 3/2023

Texas Department of Transportation

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

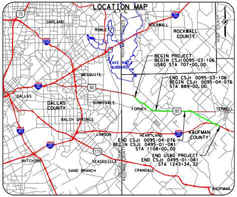
US 80
100% DESIGN SCHEMATIC

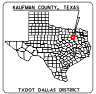
KAUFMAN COUNTY, TEXAS
FROM WEST OF FM 460 TO IH 20
CSJ: 0095-03-106, 0095-04-076 & 0495-01-081
LENGTH: 11.7 MILES

ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
MAIN LANES:	60 MPH	URBAN FREEWAY
DIRECT CONNECTORS:	40 MPH	
RAMPS:	40 MPH	
FRONTAGE ROADS/BYPASSES/CONNECTORS:	40 MPH	
LOCAL STREETS:	30 MPH	LOCAL
LOCAL STREETS CONNECTORS:	20 MPH	
TURNAROUNDS:	15 MPH	

INDEX OF SHEETS

ROLL 1 OF 31: PLAN & PROFILE STA. BEGIN TO STA. 760+00
ROLL 2 OF 31: PLAN & PROFILE STA. 760+00 TO STA. 816+00
ROLL 3 OF 31: PLAN & PROFILE STA. 816+00 TO STA. 872+00
ROLL 4 OF 31: PLAN & PROFILE STA. 872+00 TO STA. 917+00
ROLL 5 OF 31: PLAN & PROFILE STA. 917+00 TO STA. 955+00
ROLL 6 OF 31: PLAN & PROFILE STA. 955+00 TO STA. 1003+00
ROLL 7 OF 31: PLAN & PROFILE STA. 1003+00 TO STA. 1042+00
ROLL 8 OF 31: PLAN & PROFILE STA. 1042+00 TO STA. 1081+00
ROLL 9 OF 31: PLAN & PROFILE STA. 1081+00 TO (SP557) STA. 1134+00
ROLL 10 OF 31: PLAN & PROFILE (SP557) STA. 1134+00 TO STA. 1178+00
ROLL 11 OF 31: PLAN & PROFILE STA. 1178+00 TO STA. 1227+00
ROLL 12 OF 31: PLAN & PROFILE STA. 1227+00 TO STA. 1274+00
ROLL 13 OF 31: PLAN & PROFILE STA. 1274+00 TO STA. 1323+00
ROLL 14 OF 31: PLAN & PROFILE I-20 INTERCHANGE (1 OF 2)
ROLL 15 OF 31: PLAN & PROFILE I-20 INTERCHANGE (2 OF 2)
ROLL 16-19 OF 31: PLAN & PROFILE EB FRONTAGE ROADS
ROLL 20-23 OF 31: PLAN & PROFILE WB FRONTAGE ROADS
ROLL 24 OF 31: PLAN & PROFILE EB AND WB US80 BUSINESS
ROLL 25 OF 31: PLAN & PROFILE US80 CROSS STREETS
ROLL 26 OF 31: PLAN & PROFILE SP557 CROSS STREETS
ROLL 27-29 OF 31: PLAN & PROFILE US80/SP557 RAMPS
ROLL 30 OF 31: PLAN & PROFILE U-TURNS/I-20 DIRECT CONNECTORS
ROLL 31 OF 31: PLAN & PROFILE I-20 FRONTAGE ROADS


LOCATION MAP
N.T.S.
GARLAND
ROWLETT
ROCKWALL
ROCKWALL COUNTY
MESQUITE
DALLAS
DALLAS COUNTY
SUNNYVALE
FORNEY
TERRELL
BALCH SPRINGS
KAUFMAN COUNTY
LAWSON
HEARTLAND
SEAGOVILLE
HUTCHINS
SAND BRANCH
CRANDALL
KAUFMAN
BEGIN PROJECT BEGIN CSJ:0095-03-106 US80 STA 707+00.00
END CSJ: 0095-03-106 BEGIN CSJ: 0095-04-076 STA 889+00.00
END CSJ: 0095-04-076 BEGIN CSJ: 0495-01-081 STA 1108+00.00
END US80 PROJECT END CSJ: 0495-01-081 STA 1243+34.32


KAUFMAN COUNTY, TEXAS

TXDOT DALLAS DISTRICT
TEXAS COUNTY MAP
N.T.S.

December 8, 2023

ROLL NUMBER 3/31

GARVER
3010 GAYLORD PARKWAY
SUITE 190
FRISCO, TX 75034
FIRM REGISTRATION NO. 5713