Texas Department of Transportation

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

US 80
60% 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

DATE: JULY 2022

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	

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ROLL 2 OF 31: PLAN & PROFILE STA. 760+00 TO STA. 816+00
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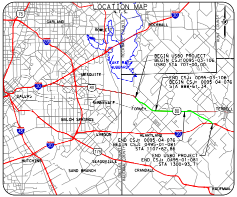
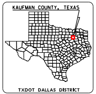

LOCATION MAP
N.T.S.
75
GARLAND
ROWLETT
ROCKWALL
30
635
ROCKWALL COUNTY
HUNT COUNTY
LAKE RAY HUBBARD
BEGIN US80 PROJECT
BEGIN CSJ:0095-03-106
US80 STA 707+00.00
MESQUITE
END CSJ: 0095-03-106
BEGIN CSJ: 0095-04-076
STA 888+61.34
80
DALLAS
SUNNYVALE
FORNEY
TERRELL
BALCH SPRINGS
45
LAWSON
HEARTLAND
20
END CSJ: 0095-04-076
BEGIN CSJ: 0495-01-081
STA 1107+62.86
175
END US80 PROJECT
END CSJ: 0495-01-081
STA 1300+93.71
HUTCHINS
SEAGOVILLE
SAND BRANCH
DALLAS COUNTY
KAUFMAN COUNTY
CRANDALL
KAUFMAN


KAUFMAN COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND REGULATORY APPROVAL. THEY ARE NOT INTENDED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
STEPHEN A JOHNSON, PE	103591	7/25/2022

JULY 22, 2022

ROLL NUMBER 1/31

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
——	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
— - — -	EXISTING CENTERLINE/BASELINE
— - — -	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
▩	WORK BY OTHERS TO BE REMOVED
▩	EXISTING EAST FORK WETLANDS
▩	EXISTING EAST FORK WATERS OF US
■	EXISTING BRIDGE TO REMAIN
■	PROPOSED 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
⇨	EXISTING TRAFFIC FLOW
→	PROPOSED TRAFFIC FLOW
(200)	PARCEL ID

NOTES:

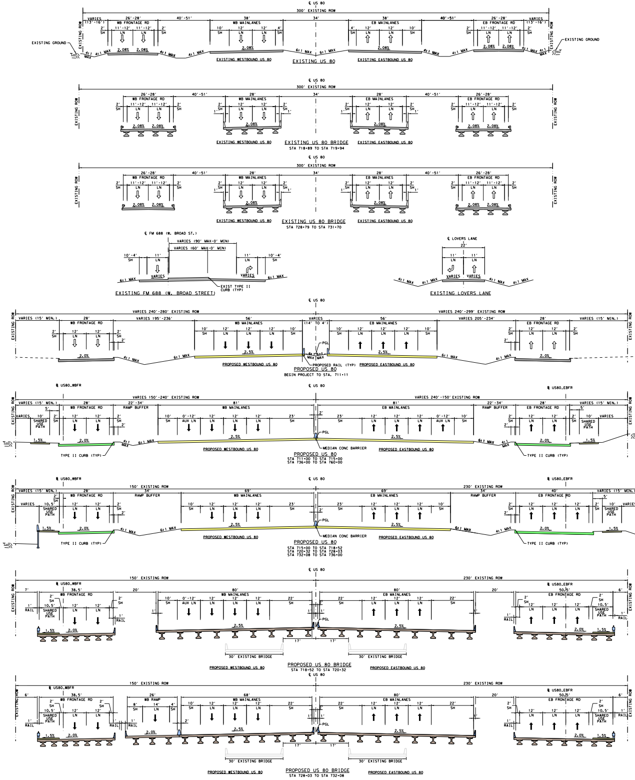
1. EXISTING FEATURES BASED ON LIMITED FIELD SURVEY. SCHEMATICS ARE BASED ON AERIAL TOPO DATED FEBRUARY 14, 2022 AND RECORD PLANS.
2. TRAFFIC APPROVED BY TXDOT DALLAS DISTRICT AND REVIEWED BY TP&P ON XX-XX-XXXX.
3. SHARED USE PATH ADA RAMP LAYOUTS ARE PRELIMINARY AND SUBJECT TO CHANGE. DETAILED LAYOUTS 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.
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. SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL AND IS LINEAR (UNLESS NOTED OTHERWISE). SUPER ELEVATION 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).
11. EXISTING CULVERT LOCATIONS, SIZE, 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.

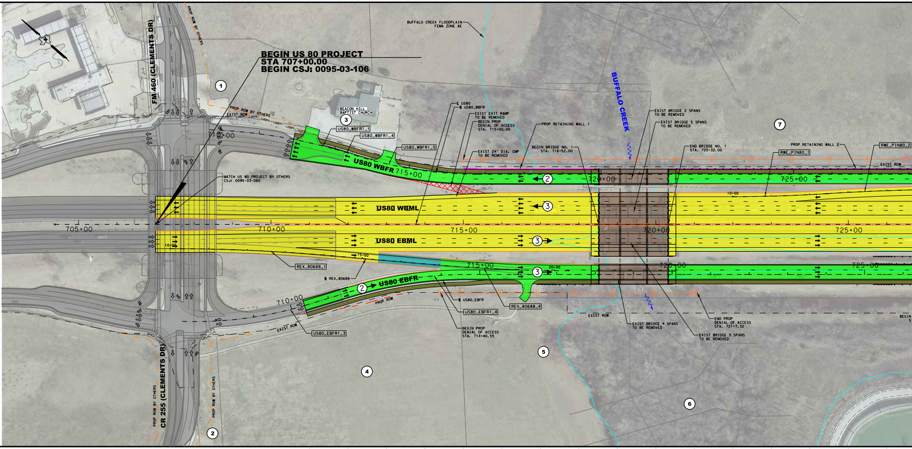
50′ 0 50′ 100′
HORIZONTAL
1":100′

5′ 0 5′ 10′
VERTICAL
1":10′

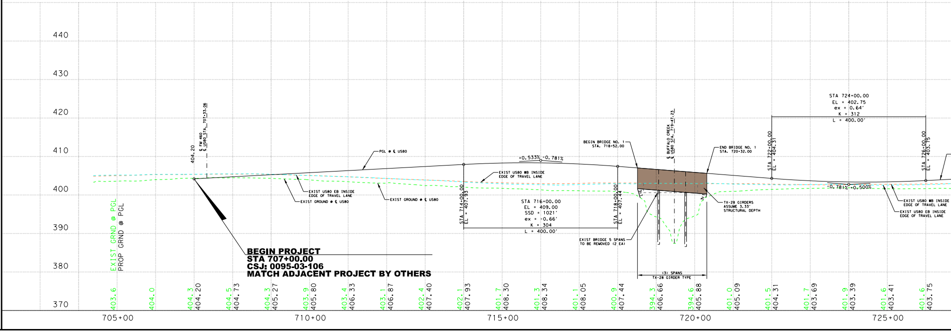
GRAPHIC SCALE IN FEET

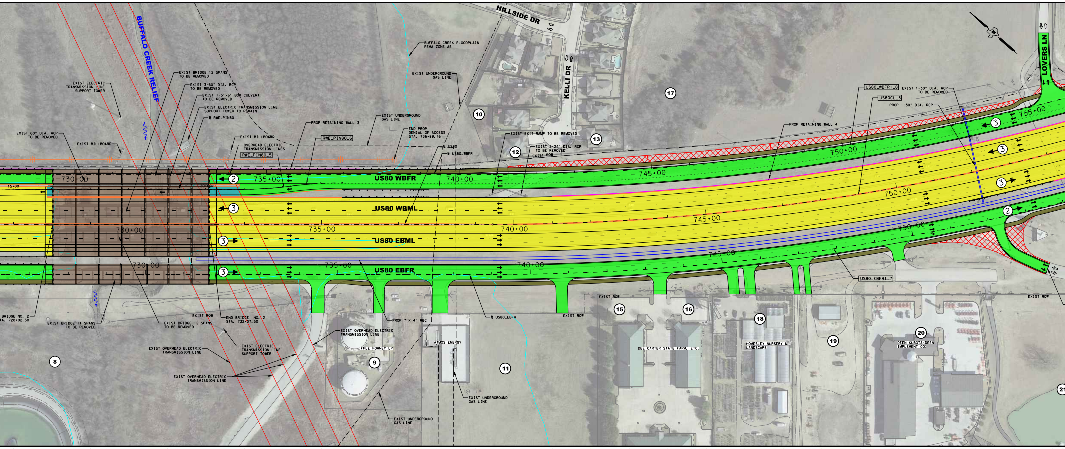
TYPICAL SECTIONS [N.T.S.]

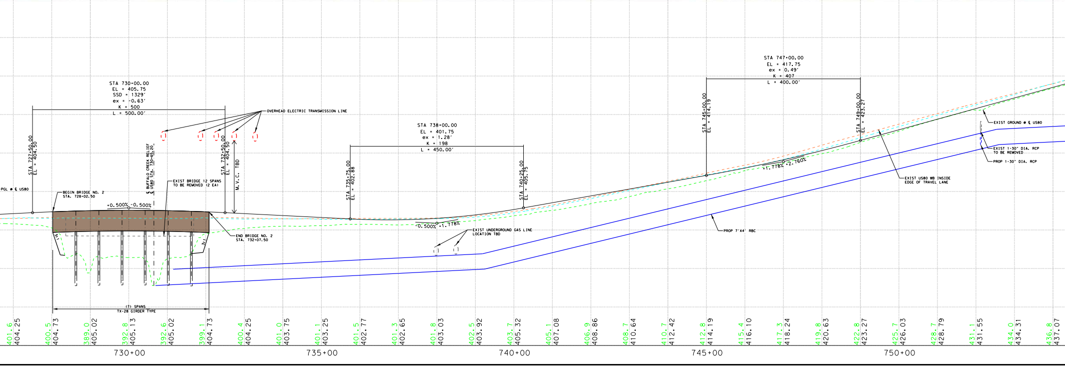

℄ US 80
300′ EXISTING ROW
VARIES (13′-16′)
26′-28′
WB FRONTAGE RD
40′-51′
38′
WB MAINLANES
34′
EB MAINLANES
EB FRONTAGE RD
2′ SH
11′-12′ LN
10′ SH
12′ LN
4′ SH
EXISTING ROW
EXISTING GROUND
4:1 MAX
6:1 MAX
2.08%
EXISTING WESTBOUND US 80
EXISTING US 80
EXISTING EASTBOUND US 80
28′
1′
EXISTING US 80 BRIDGE
STA 718+89 TO STA 719+94
EXISTING US 80 BRIDGE
STA 728+79 TO STA 731+70
℄ FM 688 (W. BROAD ST.)
VARIES (90′ MAX-0′ MIN)
VARIES (60′ MAX-0′ MIN)
10′-4′ SH
11′ LN
VARIES
EXIST TYPE II CURB (TYP)
EXISTING FM 688 (W. BROAD STREET)
℄ LOVERS LANE
22′
11′ LN
EXISTING LOVERS LANE
VARIES 240′-280′ EXISTING ROW
VARIES 240′-299′ EXISTING ROW
VARIES (15′ MIN.)
VARIES 195′-236′
56′
VARIES (14′ TO 4′)
VARIES 205′-234′
2.0%
2.5%
PGL
PROPOSED RAIL (TYP)
PROPOSED WESTBOUND US 80
PROPOSED US 80
PROPOSED EASTBOUND US 80
BEGIN PROJECT TO STA. 711+11
℄ US80_WBFR
℄ US80_EBFR
VARIES 150′-240′ EXISTING ROW
VARIES 240′-150′ EXISTING ROW
22′-34′
RAMP BUFFER
81′
5′
10′ SHARED USE PATH
0′-12′ AUX LN
23′ SH
1.5%
TYPE II CURB (TYP)
MEDIAN CONC BARRIER
PROPOSED US 80
STA 711+00 TO STA 715+00
STA 736+00 TO STA 760+00
150′ EXISTING ROW
230′ EXISTING ROW
34′
69′
40′
10.5′ SHARED USE PATH
PROPOSED US 80
STA 715+00 TO STA 718+52
STA 720+32 TO STA 728+03
STA 732+08 TO STA 736+00
7′
38.5′
20′
80′
50.5′
6′
1′ RAIL
22′ SH
17′
30′ EXISTING BRIDGE
PROPOSED US 80 BRIDGE
STA 718+52 TO STA 720+32
26′
WB RAMP
8′ SH
14′ LN
68′
PROPOSED US 80 BRIDGE
STA 728+03 TO STA 732+08

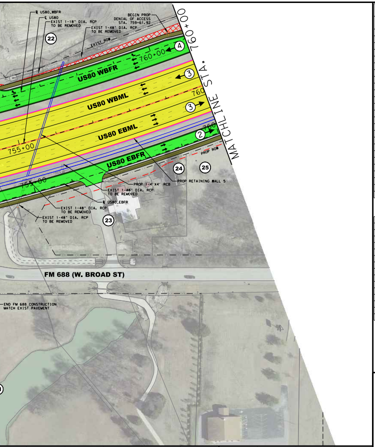

BEGIN US 80 PROJECT
STA 707+00.00
BEGIN CSJ: 0095-03-106
FM 460 (CLEMENTS DR)
CR 255 (CLEMENTS DR)
PROP ROW BY OTHERS
EXIST ROW
BEACON HILL BAPTIST CHURCH
BUFFALO CREEK FLOODPLAIN FEMA ZONE AE
BUFFALO CREEK
MATCH US 80 PROJECT BY OTHERS CSJ: 0095-03-080
US80_WBFR1_1
US80_WBFR1_4
US80_WBFR1_5
US80 WBFR
℄ US80
℄ US80_WBFR
EXIST EXIT RAMP TO BE REMOVED
BEGIN PROP DENIAL OF ACCESS STA. 715+00.00
EXIST 24" DIA. CMP TO BE REMOVED
PROP RETAINING WALL 1
BEGIN BRIDGE NO. 1 STA. 718+52.00
EXIST BRIDGE 2 SPANS TO BE REMOVED
EXIST BRIDGE 5 SPANS TO BE REMOVED
END BRIDGE NO. 1 STA. 720+32.00
PROP RETAINING WALL 2
RWE_PIN80_1
RWE_PIN80_2
EXIST ROW
US80 WBML
US80 EBML
US80 EBFR
REX_80688_1
℄ REX_80688
REX_80688_4
℄ US80_EBFR
US80_EBFR1_4
US80_EBFR1_3
PROP ROW
BEGIN PROP DENIAL OF ACCESS STA. 714+40.55
EXIST BRIDGE 4 SPANS TO BE REMOVED
END PROP DENIAL OF ACCESS STA. 721+7.32
EXIST BRIDGE 5 SPANS TO BE REMOVED
705+00
710+00
715+00
720+00
725+00
10+00
15+00
20+00
①
②
③
④
⑤
⑥
⑦

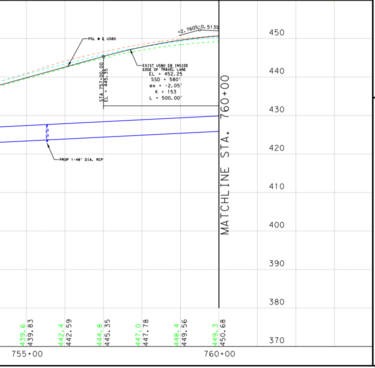
PUS80 - PROP US80 MAIN LANES (60 MPH)


440
430
420
410
400
390
380
370
EXIST GRND @ PGL
PROP GRND @ PGL
404.20
℄ FM 460 ℄ US80 STA. 707+33.06
PGL @ ℄ US80
EXIST US80 EB INSIDE EDGE OF TRAVEL LANE
EXIST GROUND @ ℄ US80
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
+0.533% -0.781%
STA 714+00.00 EL = 407.93
STA 716+00.00
EL = 409.00
SSD = 1021'
ex = -0.66'
K = 304
L = 400.00'
STA 718+00.00 EL = 407.44
BEGIN BRIDGE NO. 1 STA. 718+52.00
℄ BUFFALO CREEK ℄ US80 STA. 719+47.23
END BRIDGE NO. 1 STA. 720+32.00
TX-28 GIRDERS ASSUME 3.33' STRUCTURAL DEPTH
EXIST BRIDGE 5 SPANS TO BE REMOVED (2 EA)
(3) SPANS
TX-28 GIRDER TYPE
STA 722+00.00 EL = 404.31
STA 724+00.00
EL = 402.75
ex = 0.64'
K = 312
L = 400.00'
-0.781% +0.500%
STA 726+00.00 EL = 403.75
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
EXIST US80 EB INSIDE EDGE OF TRAVEL LANE
BEGIN PROJECT
STA 707+00.00
CSJ: 0095-03-106
MATCH ADJACENT PROJECT BY OTHERS
403.6
404.0
404.3 404.20
404.5 404.73
404.3 405.27
403.9 405.80
403.4 406.33
403.1 406.87
402.4 407.40
402.1 407.93
401.7 408.30
401.3 408.34
401.1 408.05
400.9 407.44
394.3 406.66
394.6 405.88
401.0 405.09
401.5 404.31
401.7 403.69
401.9 403.39
401.6 403.41
401.6 403.75
705+00
710+00
715+00
720+00
725+00


HILLSIDE DR
KELLI DR
LOVERS LN
BUFFALO CREEK RELIEF
BUFFALO CREEK FLOODPLAIN FEMA ZONE AE
EXIST UNDERGROUND GAS LINE
EXIST ELECTRIC TRANSMISSION LINE SUPPORT TOWER
EXIST BRIDGE 12 SPANS TO BE REMOVED
EXIST 3-60" DIA. RCP TO BE REMOVED
EXIST 1-5'x6' BOX CULVERT TO BE REMOVED
EXIST ELECTRIC TRANSMISSION LINE SUPPORT TOWER TO REMAIN
℄ RWE_PIN80
EXIST 60" DIA. RCP TO BE REMOVED
EXIST BILLBOARD
EXIST BILLBOARD
OVERHEAD ELECTRIC TRANSMISSION LINES
RWE_PIN80_5
RWE_PIN80_6
PROP RETAINING WALL 3
EXIST UNDERGROUND GAS LINE
END PROP DENIAL OF ACCESS STA. 736+89.16
℄ US80
℄ US80_WBFR
EXIST EXIT RAMP TO BE REMOVED
EXIST 1-24" DIA. RCP TO BE REMOVED
EXIST ROW
PROP RETAINING WALL 4
US80_WBFR1_8
US80CL_3
EXIST 1-30" DIA. RCP TO BE REMOVED
PROP 1-30" DIA. RCP
10
12
13
17
15+00
730+00
730+00
730+00
735+00
735+00
735+00
740+00
740+00
740+00
745+00
745+00
745+00
750+00
750+00
750+00
755+00
20+00
US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
2
3
3
3
3
3
3
2
BRIDGE NO. 2
STA. 728+02.50
EXIST BRIDGE 11 SPANS TO BE REMOVED
EXIST BRIDGE 12 SPANS TO BE REMOVED
EXIST ROW
END BRIDGE NO. 2
STA. 732+07.50
PROP 7'X 4' RBC
℄ US80_EBFR
EXIST ROW
EXIST ROW
US80_EBFR1_7
EXIST ROW
EXIST OVERHEAD ELECTRIC TRANSMISSION LINE
EXIST ELECTRIC TRANSMISSION LINE SUPPORT TOWER
EXIST OVERHEAD ELECTRIC TRANSMISSION LINE
EXIST OVERHEAD ELECTRIC TRANSMISSION LINE
FPLE FORNEY LP
ATMOS ENERGY
EXIST UNDERGROUND GAS LINE
EXIST UNDERGROUND GAS LINE
DEE CARTER STATE FARM, ETC.
HOMESLEY NURSERY & LANDSCAPE
DEEN KUBOTA(DEEN IMPLEMENT CO)
8
9
11
15
16
18
19
20
21


STA 730+00.00
EL = 405.75
SSD = 1329'
ex = -0.63'
K = 500
L = 500.00'
STA 727+50.00
EL = 404.50
STA 732+50.00
EL = 404.50
OVERHEAD ELECTRIC TRANSMISSION LINE
PGL @ ℄ US80
BEGIN BRIDGE NO. 2
STA. 728+02.50
℄ BUFFALO CREEK RELIEF
℄ US80 STA. 730+65.20
EXIST BRIDGE 12 SPANS TO BE REMOVED (2 EA)
M.V.C. TBD
+0.500%
-0.500%
3:1
3:1
END BRIDGE NO. 2
STA. 732+07.50
(7) SPANS
TX-28 GIRDER TYPE
STA 738+00.00
EL = 401.75
ex = 1.28'
K = 198
L = 450.00'
STA 735+75.00
EL = 402.88
STA 740+25.00
EL = 405.75
-0.500%
+1.778%
EXIST UNDERGROUND GAS LINE LOCATION TBD
STA 747+00.00
EL = 417.75
ex = 0.49'
K = 407
L = 400.00'
STA 745+00.00
EL = 414.19
STA 749+00.00
EL = 423.27
+1.778%
+2.760%
PROP 7'X4' RBC
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
EXIST GROUND @ ℄ US80
EXIST 1-30" DIA. RCP TO BE REMOVED
PROP 1-30" DIA. RCP
401.6 404.25
400.5 404.73
389.0 405.02
392.8 405.13
392.6 405.02
399.1 404.73
400.4 404.25
401.0 403.75
401.1 403.25
401.5 402.77
401.3 402.65
401.8 403.03
402.5 403.92
403.7 405.32
405.1 407.08
406.9 408.86
408.7 410.64
410.7 412.42
412.8 414.19
415.4 416.10
417.3 418.24
419.8 420.63
422.8 423.27
425.7 426.03
428.7 428.79
431.1 431.55
434.0 434.31
436.8 437.07
730+00
735+00
740+00
745+00
750+00


℄ US80_WBFR
℄ US80
EXIST 1-18" DIA. RCP TO BE REMOVED
EXIST 1-48" DIA. RCP TO BE REMOVED
BEGIN PROP DENIAL OF ACCESS STA. 759+61.92
EXIST ROW
22
4
760+00
US80 WBFR
3
US80 WBML
760
3
US80 EBML
2
760
755+00
US80 EBFR
PROP ROW
24
25
755+00
PROP 1-4'X4' RCB
PROP RETAINING WALL 5
EXIST 1-48" DIA. RCP TO BE REMOVED
℄ US80_EBFR
EXIST 1-48" DIA. RCP TO BE REMOVED
EXIST 1-48" DIA. RCP TO BE REMOVED
23
MATCHLINE STA. 760+00
FM 688 (W. BROAD ST)
END FM 688 CONSTRUCTION MATCH EXIST PAVEMENT



PROPERTY OWNERS

PARCEL NUMBER	OWNER NAME	PROPERTY ADDRESS
1	LITTLE FORNEY CROSSING LTD.	HWY. 80 FORNEY, TX
2	TRBP LIMITED	HWY. 80, FORNEY, TX
3	BEACON HILL BAPTIST CHURCH	300 W. HWY. 80, FORNEY, TX
4	TRBP LIMITED	W. HWY. 80 FORNEY, TX
5	TRBP LIMITED	14755 W. HWY. 80, FORNEY, TX
6	TRBP LIMITED	14755 W. HWY. 80, TX
7	YANDELL, JOANNE FAMILY TRUST & YANDELL, JOANNE LIVING TRUST	3 LOVERS LN., FORNEY, TX
8	LA FRONTERA HOLDINGS, LLC	W. HWY. 80, FORNEY, TX
9	CITY OF CRANDALL & GASTONIA SCURRY WATER	W. HWY. 80 FORNEY, TX
10	SKYLINE ESTATES PHASE II	US HWY. 80, FORNEY, TX
11	BLUE LADDER HOLDINGS, LLC	W. HWY. 80 FORNEY, TX
12	FIERRO, TIMOTHY A. ET AL	100 KELLI DR., FORNEY, TX 75126
13	TAMEZ, JESSE J. & TRACY L.	101 KELLI DR., FORNEY, TX 75126
14	BROAD STREET GROUP LLC	713 W BROAD ST FORNEY, TX
15	BROAD STREET GROUP, LLC	709 TO 713 W. BROAD, FORNEY, TX
16	RESCA LLC	709 W BROAD ST FORNEY, TX
17	YANDELL, JOANNE	3 LOVERS LN., FORNEY, TX
18	LOTHLORIEN PROPERTIES, LLC	707 W. HWY. 80, FORNEY, TX
19	DEEN PROPERTIES, LLC	705 W. HWY. 80, FORNEY, TX
20	DEEN PROPERTIES, LLC	703 W BROAD ST.
21	BARNES, K. L.	FM RD. 688, FORNEY, TX
22	MM FORNEY 69, LLC	HWY. 80, FORNEY, TX
23	CARR, RONALD J. & JOYCE	700 W. BROAD, FORNEY, TX
24	CHILDRESS, CAROL SUE	HWY. 80, FORNEY, TX 75126
25	JEFFERSON TRIANGLE MARINE, LP	HWY. 80, FORNEY, TX

RETAINING WALLS

NO.	BEGIN STA.	BEGIN OFFSET	END STA	END OFFSET	WALL LENGTH
WALL 1	715+00.00	143.50' LT	718+52.00	143.50' LT	352.00
WALL 2	720+32.00	143.50' LT	728+02.50	143.50' LT	770.50
WALL 3	732+07.50	143.50' LT	736+00.00	143.50' LT	392.50
WALL 4	741+00.00	71.00' LT	760+00.00	71.00' LT	1900.00
WALL 5	754+00.00	71.00' RT	760+00.00	71.00' RT	600.00

SUPERELEVATION SIGN CONVENTION

℄
(-) (+)
(+) (-)

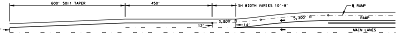
SUPERELEVATION

BASELINE	ROADWAY	BEGIN TRANSITION		END TRANSITION	
		STATION	e	STATION	e
US80CL	US80 WBML	735+80.00	2.50%	740+05.00	2.80%
		768+40.0	2.80%	772+65.00	2.50%
US80CL	US80 EBML	735+80.00	-2.50%	740+05.00	2.80%
		768+40.0	2.80%	772+65.00	-2.50%

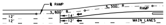
HORIZONTAL ALIGNMENT DATA

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_3	754+58.60	N 6,966,077.71	E 2,590,099.79	29° 14' 55.40" (LT)	5,800.00	1,513.42	2,960.82	739+45.18	769+06.00
US80_WBFR1	US80_WBFR1_1	711+36.32	N 6,969,581.95	E 2,587,342.36	13° 27' 35.73" (RT)	1,400.00	165.20	328.89	709+71.11	713+00.00
US80_WBFR1	US80_WBFR1_4	713+40.24	N 6,969,396.60	E 2,587,430.96	1° 05' 33.67" (RT)	1,399.96	13.35	26.70	713+26.89	713+53.59
US80_WBFR1	US80_WBFR1_5	715+17.52	N 6,969,234.06	E 2,587,501.74	17° 44' 51.31" (LT)	1,050.00	163.93	325.24	713+53.59	716+78.83
US80_WBFR1	US80_WBFR1_8	755+66.99	N 6,966,188.96	E 2,590,175.10	29° 14' 55.40" (LT)	5,670.00	1,479.50	2,894.46	740+87.49	769+81.95
US80_EBFR1	US80_EBFR1_3	708+76.74	N 6,969,309.04	E 2,586,920.56	18° 47' 28.27" (LT)	986.00	163.15	323.38	707+13.58	710+36.96
US80_EBFR1	US80_EBFR1_4	713+13.03	N 6,969,077.11	E 2,587,293.56	16° 50' 43.73" (RT)	1,050.00	155.48	308.71	711+57.56	714+66.27
US80_EBFR1	US80_EBFR1_7	754+50.12	N 6,965,966.45	E 2,590,024.47	29° 14' 55.40" (LT)	5,930.00	1,547.34	3,027.18	739+02.78	769+29.97
RWE_PIN80	RWE_PIN80_1	11+22.84	N 6,968,482.04	E 2,588,084.78	3° 42' 11.28" (LT)	3,800.00	122.84	245.60	10+00.00	12+45.60
RWE_PIN80	RWE_PIN80_2	14+16.94	N 6,968,273.97	E 2,588,292.73	3° 42' 11.28" (RT)	5,300.00	171.33	342.55	12+45.60	15+88.15
RWE_PIN80	RWE_PIN80_5	21+55.09	N 6,967,719.17	E 2,588,779.81	7° 17' 43.24" (LT)	1,050.00	66.94	133.69	20+88.15	22+21.84
RWE_PIN80	RWE_PIN80_6	22+88.78	N 6,967,630.59	E 2,588,880.19	7° 17' 43.24" (RT)	1,050.00	66.94	133.69	22+21.84	23+55.54
REX_80688	REX_80688_1	12+09.77	N 6,969,425.73	E 2,587,076.65	5° 00' 17.21" (RT)	4,800.00	209.77	419.28	10+00.00	14+19.28
REX_80688	REX_80688_4	18+62.88	N 6,968,898.99	E 2,587,463.24	5° 00' 17.21" (LT)	4,000.00	174.81	349.40	16+88.07	20+37.47

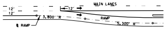
RAMP GORE DETAILS [N.T.S.]


600' 50:1 TAPER
450'
SH WIDTH VARIES 10'-8'
℄ RAMP
5,300' R
RAMP
3,800' R
12'
14'
12'
MAIN LANES

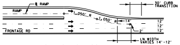
MAIN LANE GORE DETAIL - MERGE ENTRANCE RAMP


℄ RAMP
5,300' R
RAMP
3,800' R
12'
12'
14'
12'
MAIN LANES

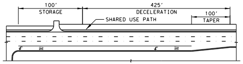
MAIN LANE GORE DETAIL - LANE ADD ENTRANCE RAMP


MAIN LANES
12'
12'
12'
3,800' R
RAMP
℄ RAMP
5,300' R

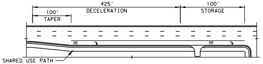
MAIN LANE GORE DETAIL - LANE DROP EXIT RAMP


℄ RAMP
RAMP
30' CURB TRANSITION
1,050' R
1,050' R
14'
12'
12'
12'
2'
FRONTAGE RD
LN WIDTH VARIES 14'-12'

FRONTAGE ROAD GORE DETAIL

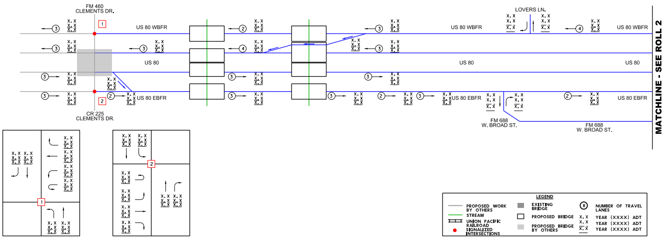

100'
STORAGE
425'
DECELERATION
100'
TAPER
SHARED USE PATH

LEFT-TURN BAY DETAIL (TYPICAL)


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

RIGHT-TURN BAY DETAIL (TYPICAL)

TRAFFIC LINE DIAGRAM [N.T.S.]


FM 460
CLEMENTS DR.
1
US 80 WBFR
US 80
US 80 EBFR
2
CR 225
CLEMENTS DR.
LOVERS LN.
FM 688
W. BROAD ST.
FM 688
W. BROAD ST.
US 80 WBFR
US 80
US 80 EBFR
X.X
MATCHLINE - SEE ROLL 2
LEGEND
PROPOSED WORK BY OTHERS
STREAM
UNION PACIFIC RAILROAD
SIGNALIZED INTERSECTIONS
EXISTING BRIDGE
PROPOSED BRIDGE
PROPOSED BRIDGE BY OTHERS
NUMBER OF TRAVEL LANES
X.X YEAR (XXXX) ADT
X.X YEAR (XXXX) ADT
X.X YEAR (XXXX) ADT

Texas Department of Transportation

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

US 80
60% DESIGN SCHEMATIC

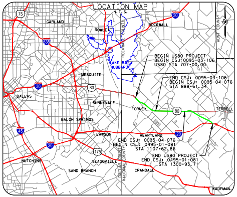
KAUFMAN COUNTY, TEXAS
FROM WEST OF FM 460 TO IH 20
CSJ: 0095-03-106, 0095-04-076 & 0495-01-081
LENGTH: 11.7 MILES

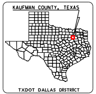
DATE: JULY 2022

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. 871+00
ROLL 4 OF 31:	PLAN & PROFILE STA. 871+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
ROLL 15 OF 31:	PLAN & PROFILE I-20 INTERCHANGE
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 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
ROCKWALL
ROWLETT
LAKE RAY HUBBARD
BEGIN US80 PROJECT
BEGIN CSJ: 0095-03-106
US80 STA 707+00.00
MESQUITE
END CSJ: 0095-03-106
BEGIN CSJ: 0095-04-076
STA 888+61.34
DALLAS
SUNNYVALE
FORNEY
TERRELL
BALCH SPRINGS
LAWSON
HEARTLAND
END CSJ: 0095-04-076
BEGIN CSJ: 0495-01-081
STA 1107+62.86
END US80 PROJECT
END CSJ: 0495-01-081
STA 1300+93.71
HUTCHINS
SEAGOVILLE
SAND BRANCH
CRANDALL
KAUFMAN


KAUFMAN COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
FOR INTERIM REVIEW ONLY

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NAME	P.E. NO.	DATE
STEPHEN A JOHNSON, PE	103591	7/25/2022

JULY 22, 2022

ROLL NUMBER	1/31

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