Texas Department of Transportation

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

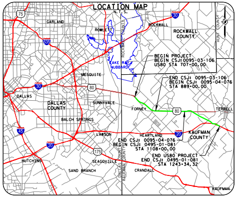
US 80
100% DESIGN SCHEMATIC

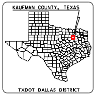
KAUFMAN COUNTY, TEXAS
FROM WEST OF FM 460 TO IH 20
CSJ: 0095-03-106, 0095-04-076 & 0495-01-081
LENGTH: 11.7 MILES

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
HUNT 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
LAWSON
HEARTLAND
KAUFMAN COUNTY
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
SEAGOVILLE
HUTCHINS
SAND BRANCH
CRANDALL
KAUFMAN
75
635
30
80
20
45
175


KAUFMAN COUNTY, TEXAS

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

STATE OF TEXAS
STEPHEN A. JOHNSON
103591
LICENSED PROFESSIONAL ENGINEER
12/8/2023

Stephen A. Johnson

December 8, 2023

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
▨	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
—○—	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.

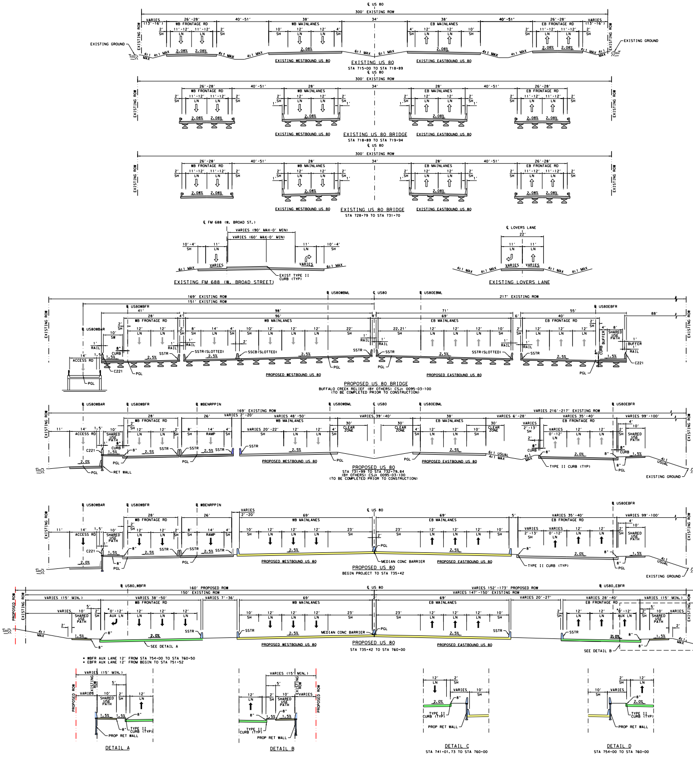
PRELIMINARY,
NOT FOR CONSTRUCTION

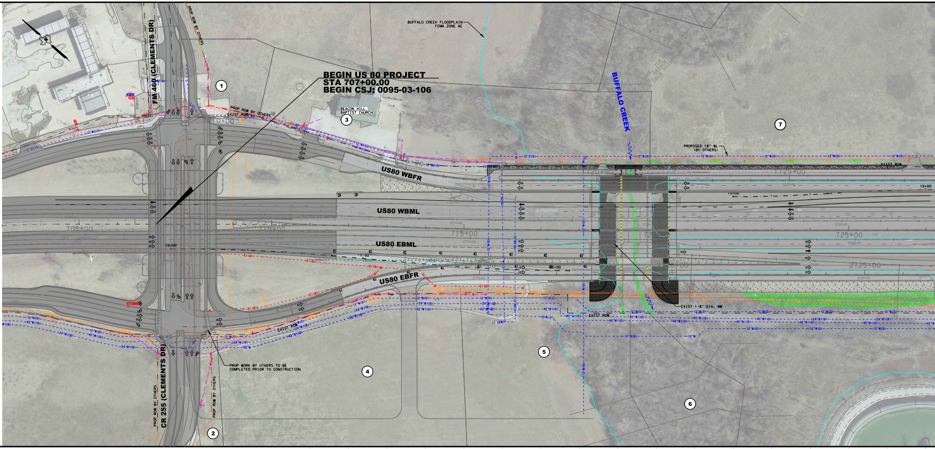
50′ 0 50′ 100′
HORIZONTAL
1":100′

5′ 0 5′ 10′
VERTICAL
1":10′

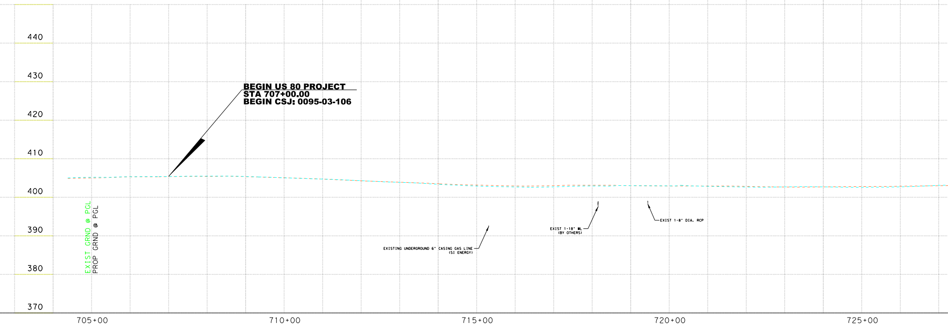
GRAPHIC SCALE IN FEET

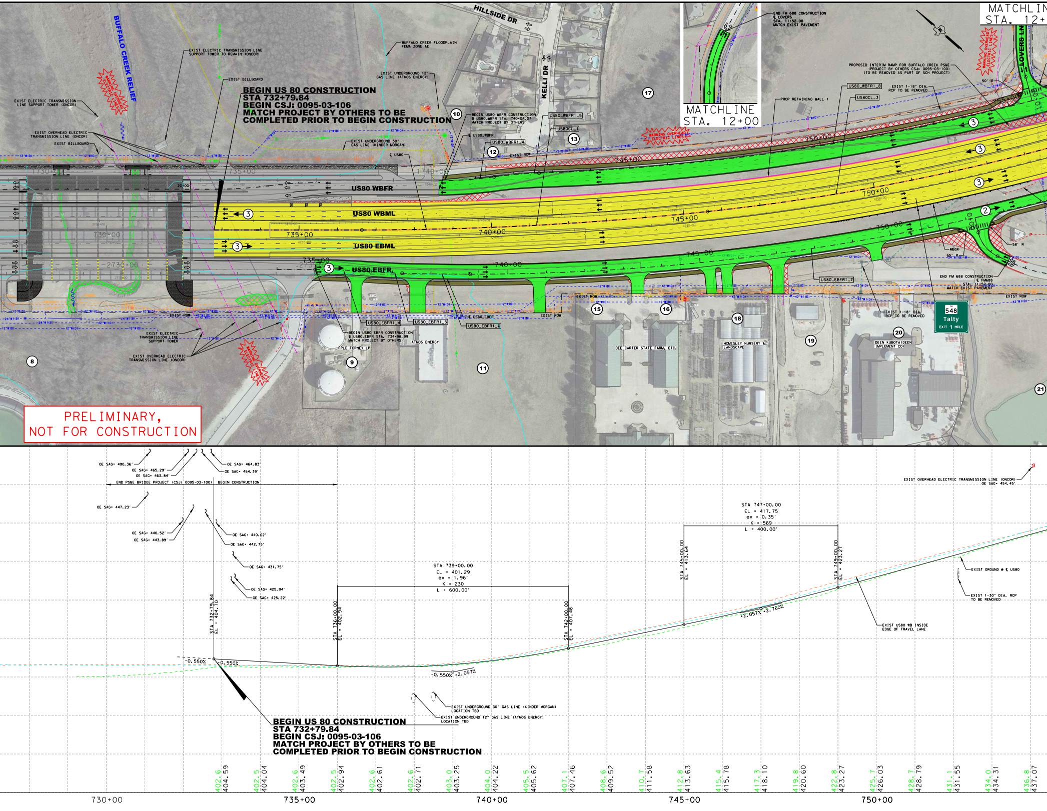
TYPICAL SECTIONS [N.T.S.]


℄ US 80
300′ EXISTING ROW
WB FRONTAGE RD
WB MAINLANES
EB MAINLANES
EB FRONTAGE RD
EXISTING GROUND
EXISTING WESTBOUND US 80
EXISTING US 80
STA 715+00 TO STA 718+89
EXISTING EASTBOUND US 80
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)
EXIST TYPE II CURB (TYP)
EXISTING FM 688 (W. BROAD STREET)
℄ LOVERS LANE
EXISTING LOVERS LANE
169′ EXISTING ROW
151′ EXISTING ROW
217′ EXISTING ROW
PROPOSED WESTBOUND US 80
PROPOSED EASTBOUND US 80
PROPOSED US 80 BRIDGE
BUFFALO CREEK RELIEF (BY OTHERS) CSJ: 0095-03-100
(TO BE COMPLETED PRIOR TO CONSTRUCTION)
PROPOSED US 80
STA 731+99 TO STA 732+79.84
(BY OTHERS) CSJ: 0095-03-100
(TO BE COMPLETED PRIOR TO CONSTRUCTION)
PROPOSED US 80
BEGIN PROJECT TO STA 735+42
MEDIAN CONC BARRIER
TYPE II CURB (TYP)
160′ PROPOSED ROW
150′ EXISTING ROW
VARIES 152′-173′ PROPOSED ROW
VARIES 147′-150′ EXISTING ROW
SEE DETAIL A
SEE DETAIL B
PROPOSED US 80
STA 735+42 TO STA 760+00
* WBFR AUX LANE 12′ FROM STA 754+00 TO STA 760+50
* EBFR AUX LANE 12′ FROM BEGIN TO STA 751+52
PROP RET WALL
DETAIL A
DETAIL B
DETAIL C
STA 741+01.73 TO STA 760+00
DETAIL D
STA 754+00 TO STA 760+00


FM 460 (CLEMENTS DR)
BEGIN US 80 PROJECT
STA 707+00.00
BEGIN CSJ: 0095-03-106
BUFFALO CREEK FLOODPLAIN
FEMA ZONE AE
BUFFALO CREEK
BEACON HILL
BAPTIST CHURCH
PROP ROW BY OTHERS
EXIST ROW
PROPOSED 18" WL
(BY OTHERS)
US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
705+00
710+00
715+00
720+00
725+00
2725+00
EXIST 1-8" DIA. RCP
EXIST ROW
PROP WORK BY OTHERS TO BE
COMPLETED PRIOR TO CONSTRUCTION
CR 255 (CLEMENTS DR)
1
2
3
4
5
6
7

PUS80 - PROP US80 MAIN LANES (60 MPH)



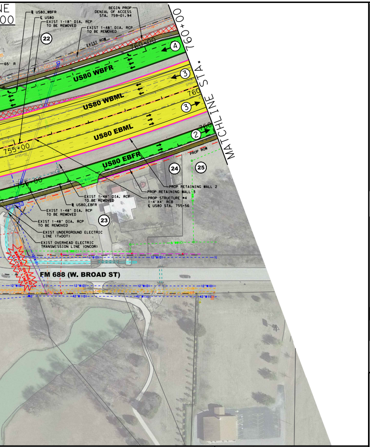


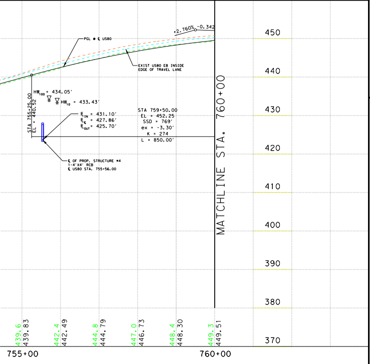
HILLSIDE DR
KELLI DR
BUFFALO CREEK RELIEF
LOVERS LN
MATCHLINE STA. 12+00
END FM 688 CONSTRUCTION ℄ LOVERS STA. 11+52.00 MATCH EXIST PAVEMENT
EXIST ELECTRIC TRANSMISSION LINE SUPPORT TOWER TO REMAIN (ONCOR)
BUFFALO CREEK FLOODPLAIN FEMA ZONE AE
EXIST BILLBOARD
EXIST UNDERGROUND 12" GAS LINE (ATMOS ENERGY)
EXIST ELECTRIC TRANSMISSION LINE SUPPORT TOWER (ONCOR)
EXIST OVERHEAD ELECTRIC TRANSMISSION LINE (ONCOR)
EXIST BILLBOARD
EXIST UNDERGROUND 30" GAS LINE (KINDER MORGAN)
BEGIN US80 WBFR CONSTRUCTION ℄ US80_WBFR STA. 740+04.07 MATCH PROJECT BY OTHERS
℄ US80_WBFR
℄ US80
US80_WBFR1_5
US80CL_1
US80_WBFR1_4
EXIST ROW
PROPOSED INTERIM RAMP FOR BUFFALO CREEK PS&E (PROJECT BY OTHERS CSJ: 0095-03-100) (TO BE REMOVED AS PART OF SCH PROJECT)
US80_WBFR1_8
US80CL_3
EXIST 1-18" DIA. RCP TO BE REMOVED
PROP RETAINING WALL 1
WARNING OVERHEAD ELECTRIC LINES
US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
730+00
735+00
740+00
745+00
750+00
755+00
US80_EBFR1_4
US80_EBFR1_5
US80_EBFR1_6
US80_EBFR1_7
℄ US80_EBFR
BEGIN US80 EBFR CONSTRUCTION ℄ US80_EBFR STA. 734+98.99 MATCH PROJECT BY OTHERS
ATMOS ENERGY
FPLE FORNEY LP
EXIST ELECTRIC TRANSMISSION LINE SUPPORT TOWER
EXIST OVERHEAD ELECTRIC TRANSMISSION LINE (ONCOR)
DEE CARTER STATE FARM, ETC.
HOMESLEY NURSERY & LANDSCAPE
DEEN KUBOTA (DEEN IMPLEMENT CO)
EXIST 1-18" DIA. RCP TO BE REMOVED
END FM 688 CONSTRUCTION ℄ FM688 STA. 11+52.00 MATCH EXIST PAVEMENT
EXIST ROW
548 Talty EXIT 1 MILE
MBGF
50' R
58' R
65' R
①
②
③
⑧
⑨
⑩
⑪
⑫
⑬
⑮
⑯
⑰
⑱
⑲
⑳
㉑
OE SAG= 490.36'
OE SAG= 465.29'
OE SAG= 463.84'
OE SAG= 464.83'
OE SAG= 464.39'
END PS&E BRIDGE PROJECT (CSJ: 0095-03-100)
BEGIN CONSTRUCTION
OE SAG= 447.23'
OE SAG= 440.52'
OE SAG= 443.89'
OE SAG= 440.02'
OE SAG= 442.75'
OE SAG= 431.75'
OE SAG= 425.94'
OE SAG= 425.22'
EXIST OVERHEAD ELECTRIC TRANSMISSION LINE (ONCOR) OE SAG= 454.45'
STA 732+79.84 EL = 404.70
STA 736+00.00 EL = 402.94
STA 739+00.00 EL = 401.29 ex = 1.96' K = 230 L = 600.00'
STA 742+00.00 EL = 407.46
STA 745+00.00 EL = 413.64
STA 747+00.00 EL = 417.75 ex = 0.35' K = 569 L = 400.00'
STA 749+00.00 EL = 423.27
-0.550%
-0.550%
-0.550%
+2.057%
+2.057%
+2.760%
EXIST GROUND @ ℄ US80
EXIST 1-30" DIA. RCP TO BE REMOVED
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
EXIST UNDERGROUND 30" GAS LINE (KINDER MORGAN) LOCATION TBD
EXIST UNDERGROUND 12" GAS LINE (ATMOS ENERGY) LOCATION TBD
402.6 404.59
402.5 404.04
402.6 403.49
402.5 402.94
402.6 402.61
402.6 402.71
403.0 403.25
404.0 404.22
405.5 405.62
407.1 407.46
408.6 409.52
410.7 411.58
412.8 413.63
415.4 415.78
417.3 418.10
419.8 420.60
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

BEGIN US 80 CONSTRUCTION
STA 732+79.84
BEGIN CSJ: 0095-03-106
MATCH PROJECT BY OTHERS TO BE COMPLETED PRIOR TO BEGIN CONSTRUCTION

PRELIMINARY,
NOT FOR CONSTRUCTION

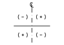
BEGIN US 80 CONSTRUCTION
STA 732+79.84
BEGIN CSJ: 0095-03-106
MATCH PROJECT BY OTHERS TO BE COMPLETED PRIOR TO BEGIN CONSTRUCTION


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+01.94
22
A
760+00
US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
3
2
755+00
MATCHLINE STA.
24
25
23
PROP RETAINING WALL 2
PROP RETAINING WALL 3
PROP STRUCTURE #4 1-4'X4' RCB € US80 STA. 755+56
EXIST UNDERGROUND ELECTRIC LINE (TXDOT)
EXIST OVERHEAD ELECTRIC TRANSMISSION LINE (ONCOR)
FM 688 (W. BROAD ST)


+2.760%
-0.342
PGL € US80
EXIST US80 EB INSIDE EDGE OF TRAVEL LANE
HW100 = 434.05'
HW10 = 433.43'
EIN = 431.10'
E€ = 427.86'
EOUT = 425.70'
STA 755+25.00
EL = 440.52
STA 759+50.00
EL = 452.25
SSD = 769'
ex = -3.30'
K = 274
L = 850.00'
€ OF PROP. STRUCTURE #4 1-4'X4' RCB € US80 STA. 755+56.00
MATCHLINE STA. 760+00
450
440
430
420
410
400
390
380
370
439.6
439.83
442.4
442.49
444.8
444.79
447.0
446.73
448.4
448.30
449.3
449.51
755+00
760+00

PROPERTY OWNERS		
PARCEL NUMBER	OWNER NAME	PROPERTY ADDRESS
1	LITTLE FORNEY CROSSING LTD.	0 HWY. 80 FORNEY, TX
2	TRBP LIMITED	HWY. 80, FORNEY, TX
3	BEACON HILL BAPTIST CHURCH	594 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	WB FORNEY LAND LLC	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
15	BROAD STREET GROUP, LLC	711 W. BROAD, FORNEY, TX
16	RESCA 709 W BROAD SERIES	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. FORNEY, TX
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

SUPERELEVATION SIGN CONVENTION

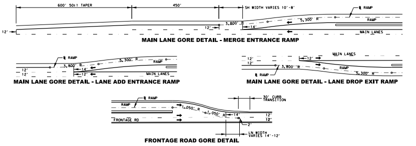


SUPERELEVATION					
BASELINE	ROADWAY	BEGIN TRANSITION		END TRANSITION	
		STATION	e	STATION	e
US80CL	US80 WBML	735+80	2.50%	740+05	3.40%
		768+23	3.40%	773+58	2.50%
US80CL	US80 EBML	735+80	-2.50%	740+05	3.40%
		768+23	3.40%	773+58	-2.50%

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_1	741+13.26	N 6,967,078.41	E 2,589,201.28	6° 05′ 56.74" (LT)	8,450.00	450.17	899.50	736+63.09	745+62.58
US80CL	US80CL_3	757+50.50	N 6,965,969.21	E 2,590,406.68	23° 08′ 58.65" (LT)	5,800.00	1,187.91	2,343.42	745+62.58	769+06.00
US80_WBFR1	US80_WBFR1_4	740+76.50	N 6,967,296.58	E 2,589,180.08	7° 53′ 33.22" (LT)	1,050.00	72.43	144.64	740+04.07	741+48.71
US80_WBFR1	US80_WBFR1_5	742+07.18	N 6,967,211.00	E 2,589,279.13	6° 05′ 08.32" (RT)	1,100.00	58.47	116.84	741+48.71	742+65.54
US80_WBFR1	US80_WBFR1_8	756+49.93	N 6,966,157.26	E 2,590,264.77	27° 26′ 30.49" (LT)	5,670.00	1,384.39	2,715.65	742+65.54	769+81.19
US80_EBFR1	US80_EBFR1_4	735+71.01	N 6,967,385.74	E 2,588,794.56	4° 07′ 28.26" (RT)	2,000.00	72.02	143.97	734+98.99	736+42.96
US80_EBFR1	US80_EBFR1_5	736+84.08	N 6,967,295.57	E 2,588,862.75	2° 24′ 56.67" (LT)	1,950.00	41.11	82.22	736+42.96	737+25.18
US80_EBFR1	US80_EBFR1_6	738+13.61	N 6,967,195.71	E 2,588,945.27	1° 42′ 31.59" (LT)	5,930.00	88.43	176.86	737+25.18	739+02.03
US80_EBFR1	US80_EBFR1_7	754+49.38	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+02.03	769+29.22

RETAINING WALLS						
NO.	ALIGNMENT	BEGIN STA.	BEGIN OFFSET	END STA	END OFFSET	WALL LENGTH
WALL 1	US80 CL	739+60.00	71.00′ LT	760+00.00	71.00′ LT	2015.00
WALL 2	US80 CL	754+00.00	71.00′ RT	760+00.00	71.00′ RT	600.00
WALL 3	EBFR	756+75.00	18.00′ RT	758+80.00	18.00′ RT	205.00

RAMP GORE DETAILS [N.T.S.]


600' 50:1 TAPER
450'
SH WIDTH VARIES 10'-8'
RAMP
3,800' R
5,300' R
MAIN LANES
12'
14'
12'
2'

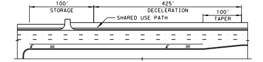
MAIN LANE GORE DETAIL - MERGE ENTRANCE RAMP

MAIN LANE GORE DETAIL - LANE ADD ENTRANCE RAMP

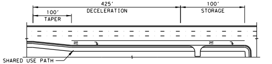
MAIN LANE GORE DETAIL - LANE DROP EXIT RAMP

FRONTAGE ROAD GORE DETAIL

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

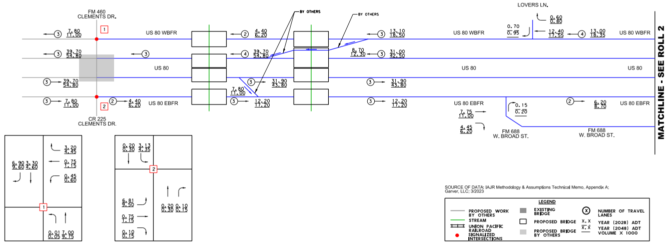

100'
STORAGE
425'
DECELERATION
100'
TAPER
SHARED USE PATH

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.
CR 225
CLEMENTS DR.
BY OTHERS
BY OTHERS
LOVERS LN.
US 80 WBFR
US 80
US 80 EBFR
FM 688
W. BROAD ST.
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
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

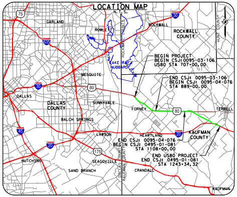
US 80
100% DESIGN SCHEMATIC

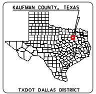
KAUFMAN COUNTY, TEXAS
FROM WEST OF FM 460 TO IH 20
CSJ: 0095-03-106, 0095-04-076 & 0495-01-081
LENGTH: 11.7 MILES

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
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
MESQUITE
DALLAS
DALLAS COUNTY
SUNNYVALE
FORNEY
TERRELL
BALCH SPRINGS
LAWSON
HEARTLAND
KAUFMAN COUNTY
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.

December 8, 2023

ROLL NUMBER 1/31

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