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 7 OF 31:	PLAN & PROFILE STA. 1003+00 TO STA. 1042+00
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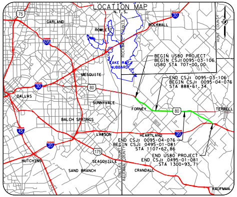
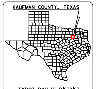
ROLL 31 OF 31:	PLAN & PROFILE I-20 FRONTAGE ROADS


LOCATION MAP
N.T.S.
75
30
635
80
20
45
175
GARLAND
ROWLETT
ROCKWALL
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
DALLAS COUNTY
KAUFMAN COUNTY
ROCKWALL COUNTY


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 2/31

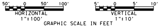
GARVER
3010 GAYLORD PARKWAY
SUITE 190
FRISCO, TX 75034
FIRM REGISTRATION NO. 5713

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

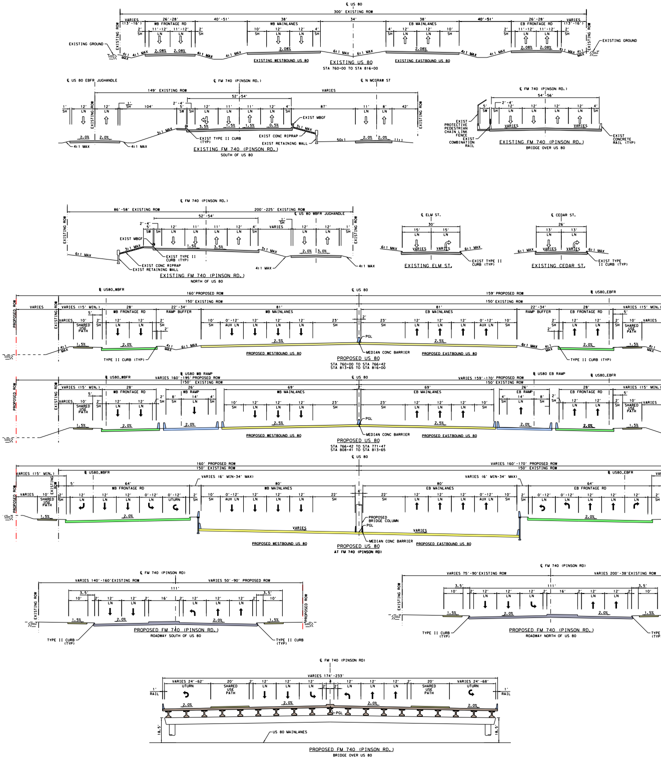
NOTES:

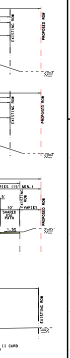
1. EXISTING FEATURES BASED ON LIMITED FIELD SURVEY. SCHEMATICS ARE BASED ON AERIAL TOPO DATED FEBRUARY 14, 2022 AND RECORD PLANS.
2. TRAFFIC APPROVED BY TXDOT DALLAS DISTRICT AND REVIEWED BY TP&P ON XX-XX-XXXX.
3. SHARED USE PATH ADA RAMP LAYOUTS ARE PRELIMINARY AND SUBJECT TO CHANGE. DETAILED LAYOUTS 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.

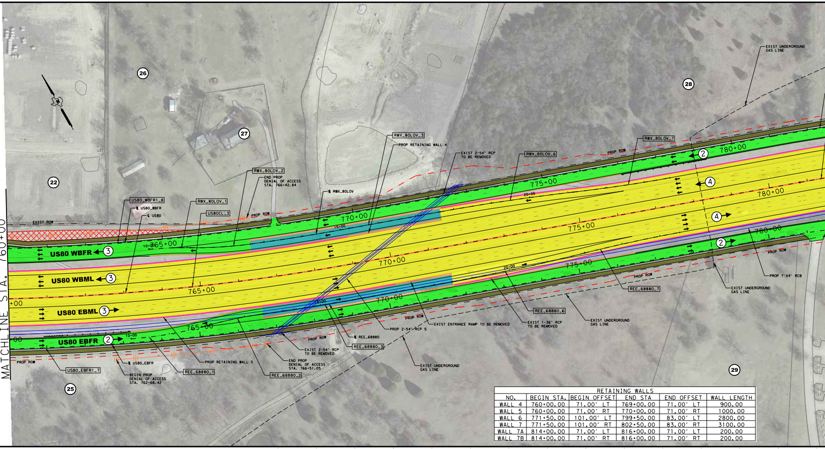

50′
0
50′
100′
HORIZONTAL
1″:100′
5′
0
5′
10′
VERTICAL
1″:10′

GRAPHIC SCALE IN FEET

TYPICAL SECTIONS [N.T.S.]

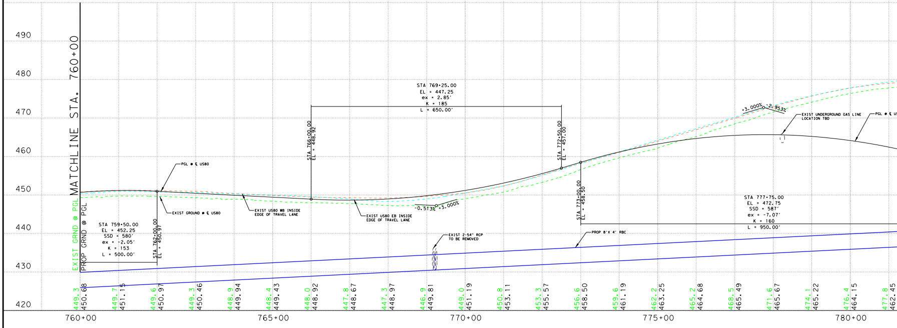

℄ US 80
300′ EXISTING ROW
WB FRONTAGE RD
WB MAINLANES
EB MAINLANES
EB FRONTAGE RD
EXISTING GROUND
EXISTING ROW
EXISTING WESTBOUND US 80
EXISTING EASTBOUND US 80
EXISTING US 80
STA 760+00 TO STA 816+00
℄ US 80 EBFR JUGHANDLE
℄ FM 740 (PINSON RD.)
℄ N MCGRAW ST
149′ EXISTING ROW
EXIST MBGF
EXIST TYPE II CURB (TYP)
EXIST CONC RIPRAP
EXIST RETAINING WALL
EXISTING FM 740 (PINSON RD.)
SOUTH OF US 80
EXIST PROTECTIVE PEDESTRIAN CHAIN LINK FENCE
EXIST COMBINATION RAIL
EXIST CONCRETE RAIL (TYP)
EXISTING FM 740 (PINSON RD.)
BRIDGE OVER US 80
86′-58′ EXISTING ROW
200′-225′ EXISTING ROW
℄ US 80 WBFR JUGHANDLE
EXISTING FM 740 (PINSON RD.)
NORTH OF US 80
℄ ELM ST.
EXISTING ELM ST.
℄ CEDAR ST.
EXISTING CEDAR ST.
℄ US80_WBFR
℄ US80_EBFR
160′ PROPOSED ROW
159′ PROPOSED ROW
150′ EXISTING ROW
RAMP BUFFER
SHARED USE PATH
AUX LN
PGL
MEDIAN CONC BARRIER
TYPE II CURB (TYP)
PROPOSED WESTBOUND US 80
PROPOSED EASTBOUND US 80
PROPOSED US 80
STA 760+00 TO STA 766+42
STA 813+65 TO STA 816+00
℄ US80 WB RAMP
℄ US80 EB RAMP
VARIES 160′-195′ PROPOSED ROW
VARIES 159′-170′ PROPOSED ROW
WB RAMP
EB RAMP
PROPOSED US 80
STA 766+42 TO STA 771+47
STA 808+41 TO STA 813+65
VARIES 160′-170′ PROPOSED ROW
VARIES (6′ MIN-34′ MAX)
UTURN
PROPOSED BRIDGE COLUMN
PROPOSED US 80
AT FM 740 (PINSON RD)
℄ FM 740 (PINSON RD)
VARIES 140′-160′ EXISTING ROW
VARIES 50′-90′ PROPOSED ROW
PROPOSED FM 740 (PINSON RD.)
ROADWAY SOUTH OF US 80
VARIES 75′-90′ EXISTING ROW
VARIES 200′-38′ EXISTING ROW
PROPOSED FM 740 (PINSON RD.)
ROADWAY NORTH OF US 80
VARIES 174′-233′
RAIL
US 80 MAINLANES
PROPOSED FM 740 (PINSON RD.)
BRIDGE OVER US 80

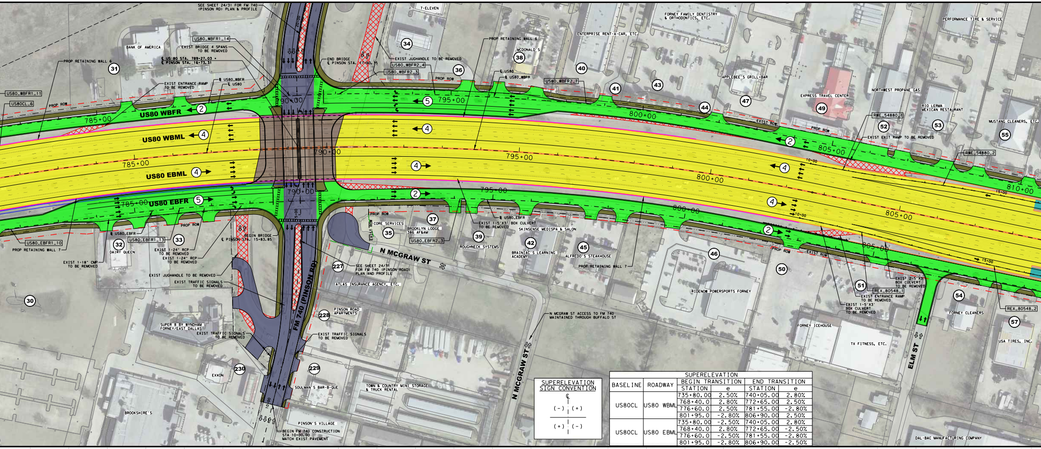

EXISTING ROW
PROPOSED ROW
EXISTING ROW
PROPOSED ROW
RIES (15' MIN.)
5'
10'
SHARED USE PATH
1.5%
EXISTING ROW
VARIES
PROPOSED ROW
EXISTING ROW
II CURB


26
27
28
22
25
29
MATCHLINE STA. 760+00
EXIST ROW
PROP ROW
US80_WBFR1_8
℄ US80_WBFR
℄ US80
RWX_80LOV_1
US80CL_3
RWX_80LOV_2
END PROP
DENIAL OF ACCESS
STA. 766+42.84
℄ RWX_80LOV
RWX_80LOV_3
PROP RETAINING WALL 4
EXIST 2-54" RCP
TO BE REMOVED
RWX_80LOV_6
RWX_80LOV_7
EXIST UNDERGROUND
GAS LINE
US80 WBFR ③
US80 WBML ③
US80 EBML ③
US80 EBFR ②
②
④
④
②
765+00
770+00
775+00
780+00
10+00
15+00
20+00
US80_EBFR1_7
℄ US80_EBFR
BEGIN PROP
DENIAL OF ACCESS
STA. 762+68.42
REE_68880_1
PROP RETAINING WALL 5
REE_68880_2
END PROP
DENIAL OF ACCESS
STA. 766+51.05
EXIST 2-54" RCP
TO BE REMOVED
℄ REE_68880
REE_68880_3
PROP 2-54" RCP 5
EXIST ENTRANCE RAMP TO BE REMOVED
EXIST UNDERGROUND
GAS LINE
EXIST 1-36" RCP
TO BE REMOVED
REE_68880_6
EXIST UNDERGROUND
GAS LINE
REE_68880_7
PROP 7'X4' RCB
EXIST UNDERGROUND
GAS LINE

RETAINING WALLS					
NO.	BEGIN STA.	BEGIN OFFSET	END STA	END OFFSET	WALL LENGTH
WALL 4	760+00.00	71.00' LT	769+00.00	71.00' LT	900.00
WALL 5	760+00.00	71.00' RT	770+00.00	71.00' RT	1000.00
WALL 6	771+50.00	101.00' LT	799+50.00	83.00' LT	2800.00
WALL 7	771+50.00	101.00' RT	802+50.00	83.00' RT	3100.00
WALL 7A	814+00.00	71.00' LT	816+00.00	71.00' LT	200.00
WALL 7B	814+00.00	71.00' RT	816+00.00	71.00' RT	200.00

PUS80 - PROP US80 MAIN LANES (60 MPH)




SEE SHEET 24/31 FOR FM 740 (PINSON RD) PLAN & PROFILE
US80_WBFR1_14
EXIST BRIDGE 4 SPANS TO BE REMOVED
℄ US 80 STA. 789+27.03 = ℄ PINSON STA. 16+73.31
BANK OF AMERICA
PROP RETAINING WALL 6
31
EXIST ENTRANCE RAMP TO BE REMOVED
℄ US80_WBFR
℄ US80
US80_WBFR1_11
US80CL_6
PROP ROW
785+00
US80 WBFR
2
US80 WBML
4
785+00
US80 EBML
4
785+00
US80 EBFR
5
US80_EBFR
US80_EBFR1_13
33
32
DAIRY QUEEN
US80_EBFR1_10
PROP RETAINING WALL 7
EXIST 1-18" CMP TO BE REMOVED
EXIST 1-24" RCP TO BE REMOVED
EXIST 1-24" RCP TO BE REMOVED
EXIST JUGHANDLE TO BE REMOVED
EXIST TRAFFIC SIGNALS TO BE REMOVED
BEGIN BRIDGE ℄ PINSON STA. 15+83.85
30
SUPER 8 BY WYNDHAM FORNEY/EAST DALLAS
EXIST TRAFFIC SIGNALS TO BE REMOVED
EXXON
230
BROOKSHIRE'S
END BRIDGE ℄ PINSON STA. 17+60.35
790+00
FM 740 (PINSON RD)
7-ELEVEN
34
EXIST JUGHANDLE TO BE REMOVED
US80_WBFR2_4
US80_WBFR2_3
36
PROP ROW
5
795+00
4
4
2
795+00
PROP RETAINING WALL 6
MCDONALD'S
38
℄ US80
℄ US80_WBFR
US80_WBFR2_7
40
ENTERPRISE RENT-A-CAR, ETC.
41
43
FORNEY FAMILY DENTISTRY & ORTHODONTICS, ETC.
APPLEBEE'S GRILL+BAR
47
44
800+00
EXIST ROW
PROP ROW
800+00
EXPRESS TRAVEL CENTER
49
NORTHWEST PROPANE GAS
RWE_54880_1
52
EXIST EXIT RAMP TO BE REMOVED
RIO LERMA MEXICAN RESTAURANT
53
PERFORMANCE TIRE & SERVICE
MUSTANG CLEANERS, ETC.
55
RWE_54880_2
805+00
810+00
PROP ROW
CORE SERVICES
EXIST ROW
35
37
BROOKLYN LODGE 386 AF&AM
US80_EBFR2_3
39
ROUGHNECK SYSTEMS
EXIST 1-5'X3' BOX CULVERT TO BE REMOVED
℄ US80_EBFR
SKINSENSE MEDISPA & SALON
42
BRAINIAC'S LEARNING ACADEMY
45
ALFREDO'S STEAKHOUSE
PROP RETAINING WALL 7
46
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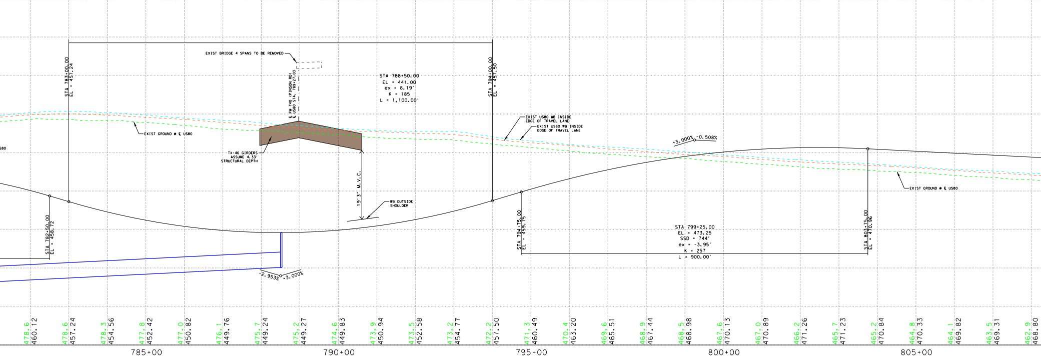
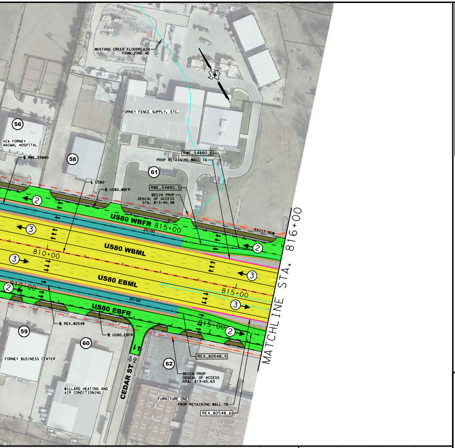
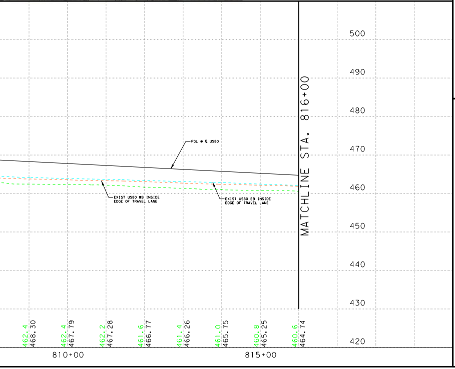
227
SEE SHEET 24/31 FOR FM 740 (PINSON ROAD) PLAN AND PROFILE
ATLAS INSURANCE AGENCY, ETC.
PINSON ROAD APARTMENTS
228
EXIST TRAFFIC SIGNALS TO BE REMOVED
229
SOULMAN'S BAR-B-QUE
TOWN & COUNTRY MINI STORAGE & TRUCK RENTAL
PINSON'S VILLAGE
BEGIN FM 740 CONSTRUCTION STA 10+00.00 MATCH EXIST PAVEMENT
N MCGRAW ST ACCESS TO FM 740 MAINTAINED THROUGH BUFFALO ST
N MCGRAW ST
50
RIDENOW POWERSPORTS FORNEY
PROP ROW
EXIST ROW
805+00
51
EXIST 2-5'X3' BOX CULVERT TO BE REMOVED
REX_80548_1
EXIST ENTRANCE RAMP TO BE REMOVED
EXIST 1-5'X3' BOX CULVERT TO BE REMOVED
54
FORNEY CLEANERS
REX_80548_2
57
USA TIRES, INC.
FORNEY ICEHOUSE
TX FITNESS, ETC.
ELM ST
DAL-BAC MANUFACTURING COMPANY
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%
		776+60.0	2.50%	781+55.00	-2.80%
		801+95.0	-2.80%	806+90.00	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%
		776+60.0	-2.50%	781+55.00	-2.80%
		801+95.0	-2.80%	806+90.00	-2.50%


STA 783+00.00 EL = 457.24
EXIST BRIDGE 4 SPANS TO BE REMOVED
℄ FM 740 (PINSON RD) ℄ US80 STA. 789+27.03
STA 788+50.00
EL = 441.00
ex = 8.19'
K = 185
L = 1,100.00'
STA 794+00.00 EL = 457.50
EXIST GROUND @ ℄ US80
TX-40 GIRDERS ASSUME 4.33' STRUCTURAL DEPTH
19'3" M.V.C.
WB OUTSIDE SHOULDER
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
EXIST US80 WB INSIDE EDGE OF TRAVEL LANE
+3.000%
-0.508%
EXIST GROUND @ ℄ US80
STA 782+50.00 EL = 458.72
-2.953%
+3.000%
STA 794+75.00 EL = 459.75
STA 799+25.00
EL = 473.25
SSD = 744'
ex = -3.95'
K = 257
L = 900.00'
STA 803+75.00 EL = 470.96
478.6
460.12
478.6
457.24
478.3
454.56
477.8
452.42
477.0
450.82
476.1
449.76
475.7
449.24
475.2
449.27
474.6
449.83
473.9
450.94
473.5
452.58
473.2
454.77
472.2
457.50
471.3
460.49
470.4
463.20
469.6
465.51
468.9
467.44
468.5
468.98
467.6
470.13
467.0
470.89
466.2
471.26
465.7
471.23
465.2
470.84
464.8
470.33
464.1
469.82
463.5
469.31
462.9
468.80
785+00
790+00
795+00
800+00
805+00


MUSTANG CREEK FLOODPLAIN FEMA ZONE AE
FORNEY FENCE SUPPLY, ETC.
56
VCA FORNEY ANIMAL HOSPITAL
RWE_54880
58
RWE_54880_6
PROP RETAINING WALL 7A
61
US80
US80_WBFR
RWE_54880_5
BEGIN PROP DENIAL OF ACCESS STA. 813+40.98
US80 WBFR
815+00
EXIST ROW
US80 WBML
810+00
US80 EBML
815+00
810+00
US80 EBFR
REX_80548
US80_EBFR
59
60
REX_80548_5
62
BEGIN PROP DENIAL OF ACCESS STA. 813+65.63
FORNEY BUSINESS CENTER
WILLARD HEATING AND AIR CONDITIONING
CEDAR ST
FURNITURE ONE
PROP RETAINING WALL 7B
REX_80548_6
MATCHLINE STA. 816+00



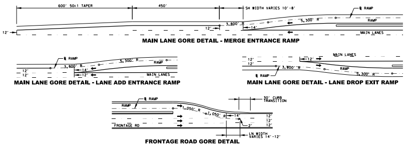
PROPERTY OWNERS

PARCEL NUMBER	OWNER NAME	PROPERTY ADDRESS
22	MM FORNEY 69, LLC	HWY. 80, FORNEY, TX
25	JEFFERSON TRIANGLE MARINE, LP	HWY. 80, FORNEY, TX
26	CRENSHAW, JOHN WESLEY & PATSY	HWY. 80, FORNEY, TX
27	CRENSHAW, JOHN WESLEY & PATSY	300 W. HWY. 80, FORNEY, TX
28	BEAM CAPITAL, LLC	PINSON RD., FORNEY, TX
29	FIRST UNITED METHODIST CHURCH	414 W. BROAD ST., FORNEY, TX 75126
30	FORNEY MISSIONARY BAPTIST CHURCH	417 PINSON RD., TX
31	INTERFIRST BANK FORNEY	100 W. HWY. 80 RD, FORNEY, TX
32	FORSTER, DARRELL & GILES, TERRY	105 E. HWY. 80, FORNEY, TX
33	FORSTER & GILES INVESTMENTS, GP	101 W. HWY. 80, FORNEY, TX
34	R BYRON ROACH TRUSTEE, LLC	100 HWY. 80 RD., FORNEY, TX
35	ANDREW WAYNE ENTERPRISE, INC.	101 E. HWY. 80, FORNEY, TX
36	RD PINSON, LLC	PINSON RD., FORNEY, TX
37	BROOKLYN LODGE #386	103 E. HWY. 80, FORNEY, TX
38	BEN MAR TRUST	102 E. HWY. 80, TX
39	MCGUIRE, JIM	107 E. HWY. 80, FORNEY, TX
40	J & J FORNEY RETAIL PLAZA, LLC	104 E. HWY. 80, FORNEY, TX
41	FORNEY HOSPITALITY, LLC	FORNEY, TX
42	WARREN, KAY L	109 E. HWY. 80, FORNEY, TX
43	J & J FORNEY RETAIL PLAZA, LLC	108 E. HWY. 80, FORNEY, TX
44	BHAVI HOSPITALITY, LLC	E. HWY. 80, FORNEY, TX
45	GUTIERREZ, JOSE ALFREDO & MARIA	111 E. HWY. 80, FORNEY, TX
46	CHILTON PROPERTIES, LLC	113 E. HWY. 80, FORNEY, TX
47	SD APPLE PROPERTIES, LLC	114 E. HWY. 80, FORNEY, TX 75126
49	JUDGE CORPORATION	120 E. HWY. 80, FORNEY, TX
50	119 E HWY 80, LLC	HWY. 80, FORNEY, TX
51	121 E HWY 80, LLC	E. HWY. 80, FORNEY, TX
52	NORTHWEST BUTANE GAS CO.	122 HWY. 80, FORNEY, TX
53	CALDWELL, BARRY D. & JANET	124 E. HWY. 80, TX
54	BENTON LEASING, LLC	200 HWY. 80, FORNEY, TX
55	B & R KHODAPARAST, LLC	126 HWY. 80, FORNEY, TX
56	VCA REAL PROPERTY ACQUISITION CORPORATION	202 E. HWY. 80, FORNEY, TX
57	USA TIRES, INC.	203 HWY. 80, FORNEY, TX
58	P & S HOLDINGS CO., LLC	204 A E. HWY. 80, FORNEY, TX
59	MCSPADDEN, JOE E. & KAREN	205 E. HWY. 80, FORNEY, TX
60	WILLARD ENTERPRISES, LLC	207 E. HWY. 80, TERRELL, TX
61	INTERNATIONAL ARCHITECTURAL METALS	206 E. HWY. 80, FORNEY, TX
62	HOGAN EQUITIES, LLC	303 HWY. 80, FORNEY, TX
227	TAYLOR, JOHN L.	417 MC GRAW, FORNEY, TX
228	PHILLIPS, WILLIAM H. JR.	600 PINSON RD., FORNEY, TX
229	HALLETT NO. 1, LP	590 PINSON RD., FORNEY, TX
230	NANDAN CORP DBA SCOTTIES FORNEY	431 PINSON RD., FORNEY, 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_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
US80CL	US80CL_6	791+88.26	N 6,964,812.51	E 2,593,678.40	21° 59′ 52.30" (RT)	5,700.00	1,107.86	2,188.43	780+80.40	802+68.83
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_WBFR1	US80_WBFR1_11	782+98.22	N 6,965,257.07	E 2,592,810.99	4° 20′ 07.94" (RT)	4,983.00	188.62	377.06	781+09.60	784+86.66
US80_WBFR1	US80_WBFR1_14	789+51.28	N 6,964,993.39	E 2,593,408.65	2° 44′ 41.94" (RT)	2,962.00	70.97	141.89	788+80.31	790+22.22
US80_WBFR2	US80_WBFR2_1	791+75.03	N 6,964,928.13	E 2,593,539.25	1° 56′ 07.76" (RT)	2,962.00	75.03	150.03	791+00.00	792+50.03
US80_WBFR2	US80_WBFR2_2	794+66.92	N 6,964,784.59	E 2,593,793.44	4° 15′ 18.86" (RT)	5,837.99	216.89	433.58	792+50.03	796+83.61
US80_WBFR2	US80_WBFR2_5	800+20.30	N 6,964,477.37	E 2,594,253.95	7° 45′ 35.78" (RT)	4,000.00	271.29	541.75	797+49.02	802+90.76
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
US80_EBFR1	US80_EBFR1_10	780+80.12	N 6,965,067.31	E 2,592,567.71	2° 49′ 54.79" (RT)	5,218.00	128.98	257.90	779+51.14	782+09.05
US80_EBFR1	US80_EBFR1_13	786+55.31	N 6,964,849.00	E 2,593,099.92	5° 38′ 25.90" (RT)	5,562.00	274.00	547.56	783+81.32	789+28.87
US80_EBFR2	US80_EBFR2_3	797+15.39	N 6,964,379.00	E 2,593,972.63	13° 01′ 26.79" (RT)	3,988.00	455.23	906.53	792+60.17	801+66.69
RWX_80LOV	RWX_80LOV_1	10+53.89	N 6,965,848.46	E 2,591,128.95	5° 52′ 35.00" (RT)	1,050.00	53.89	107.69	10+00	11+07.69
RWX_80LOV	RWX_80LOV_2	11+85.92	N 6,965,781.22	E 2,591,242.69	8° 31′ 19.13" (LT)	1,050.00	78.23	156.17	11+07.69	12+63.86
RWX_80LOV	RWX_80LOV_3	13+93.38	N 6,965,703.16	E 2,591,435.21	2° 35′ 58.98" (LT)	5,708.00	129.52	258.99	12+63.86	15+22.86
RWX_80LOV	RWX_80LOV_6	19+39.65	N 6,965,521.06	E 2,591,950.29	3° 47′ 57.73" (RT)	5,300.00	175.79	351.45	17+63.8	21+15.31
RWX_80LOV	RWX_80LOV_7	22+41.35	N 6,965,401.81	E 2,592,227.56	3° 47′ 57.73" (LT)	3,800.00	126.04	251.98	21+15.31	23+67.30
REE_68880	REE_68880_1	11+02.95	N 6,965,647.85	E 2,591,017.63	11° 11′ 59.62" (LT)	1,050.00	102.95	205.25	10+00.00	12+05.25
REE_68880	REE_68880_2	12+77.12	N 6,965,605.08	E 2,591,187.14	7° 49′ 53.22" (RT)	1,050.00	71.87	143.52	12+05.25	13+48.77
REE_68880	REE_68880_3	14+78.28	N 6,965,529.68	E 2,591,373.88	2° 31′ 06.71" (LT)	5,892.00	129.52	258.99	13+48.77	16+07.76
REE_68880	REE_68880_6	20+24.56	N 6,965,347.58	E 2,591,888.95	3° 47′ 57.73" (LT)	5,300.00	175.79	351.45	18+48.77	22+00.22
REE_68880	REE_68880_7	23+26.26	N 6,965,266.05	E 2,592,179.56	3° 47′ 57.73" (RT)	3,800.00	126.04	251.98	22+00.22	24+52.20
RWE_54880	RWE_54880_1	11+19.92	N 6,964,066.32	E 2,594,632.03	3° 36′ 54.11" (RT)	3,800.00	119.92	239.76	10+00.00	12+39.76
RWE_54880	RWE_54880_2	14+15.78	N 6,963,885.49	E 2,594,866.29	3° 48′ 15.59" (LT)	5,300.00	176.02	351.91	12+39.76	15+91.67
RWE_54880	RWE_54880_5	21+56.60	N 6,963,394.83	E 2,595,421.50	7° 04′ 38.07" (RT)	1,050.00	64.93	129.70	20+91.67	22+21.37
RWE_54880	RWE_54880_6	22+86.30	N 6,963,321.48	E 2,595,528.66	7° 04′ 38.07" (LT)	1,050.00	64.93	129.70	22+21.37	23+51.06
REX_80548	REX_80548_1	11+32.30	N 6,963,949.94	E 2,594,546.33	3° 59′ 16.44" (RT)	3,800.00	132.30	264.49	10+00.00	12+64.49
REX_80548	REX_80548_2	14+40.23	N 6,963,731.11	E 2,594,763.13	3° 47′ 53.85" (LT)	5,300.00	175.74	351.35	12+64.49	16+15.84
REX_80548	REX_80548_5	21+80.77	N 6,963,240.63	E 2,595,318.13	7° 04′ 38.07" (RT)	1,050.00	64.93	129.70	21+15.84	22+45.54
REX_80548	REX_80548_6	23+10.47	N 6,963,143.30	E 2,595,404.10	7° 04′ 38.07" (LT)	1,050.00	64.93	129.70	22+45.54	23+75.23

RAMP GORE DETAILS [N.T.S.]

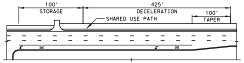

600′ 50:1 TAPER
450′
SH WIDTH VARIES 10′-8′
℄ RAMP
5,300′ R
RAMP
3,800′ R
12′
14′
MAIN LANES
℄ RAMP
5,300′ R
RAMP
3,800′ R
12′
14′
MAIN LANES
MAIN LANES
12′
℄ RAMP
3,800′ R
RAMP
5,300′ R
℄ RAMP
RAMP
1,050′ R
14′
FRONTAGE RD
30′ CURB TRANSITION
LN WIDTH VARIES 14′-12′

MAIN LANE GORE DETAIL - MERGE ENTRANCE RAMP

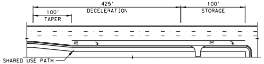
MAIN LANE GORE DETAIL - LANE ADD ENTRANCE RAMP

MAIN LANE GORE DETAIL - LANE DROP EXIT RAMP

FRONTAGE ROAD GORE DETAIL

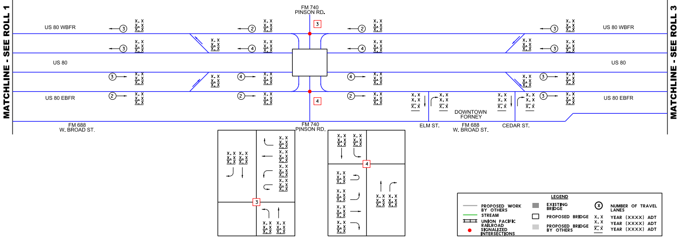

100′
STORAGE
425′
DECELERATION
SHARED USE PATH
100′
TAPER

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.]


MATCHLINE - SEE ROLL 1
MATCHLINE - SEE ROLL 3
FM 740
PINSON RD.
US 80 WBFR
US 80
US 80 EBFR
FM 688
W. BROAD ST.
ELM ST.
DOWNTOWN FORNEY
CEDAR ST.
X.X
3
4
LEGEND
PROPOSED WORK BY OTHERS
STREAM
UNION PACIFIC RAILROAD
SIGNALIZED INTERSECTIONS
EXISTING BRIDGE
PROPOSED BRIDGE
PROPOSED BRIDGE BY OTHERS
NUMBER OF TRAVEL LANES
YEAR (XXXX) ADT
YEAR (XXXX) ADT
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

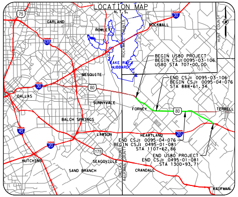
KAUFMAN COUNTY, TEXAS
FROM WEST OF FM 460 TO IH 20
CSJ: 0095-03-106, 0095-04-076 & 0495-01-081
LENGTH: 11.7 MILES

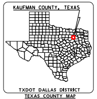
DATE: JULY 2022

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
ROWLETT
ROCKWALL
LAKE RAY HUBBARD
MESQUITE
DALLAS
SUNNYVALE
FORNEY
TERRELL
BALCH SPRINGS
HEARTLAND
LAWSON
HUTCHINS
SEAGOVILLE
SAND BRANCH
CRANDALL
KAUFMAN
BEGIN US80 PROJECT
BEGIN CSJ: 0095-03-106
US80 STA 707+00.00
END CSJ: 0095-03-106
BEGIN CSJ: 0095-04-076
STA 888+61.34
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
75
30
80
20
45
175


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	2/31

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