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

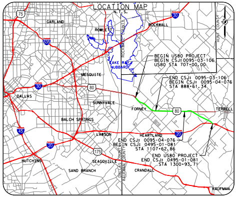
DATE: JULY 2022

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	

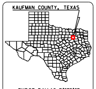
INDEX OF SHEETS

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
LAWSON
HEARTLAND
SEAGOVILLE
HUTCHINS
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
635
80
20
45
175

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 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
- 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:

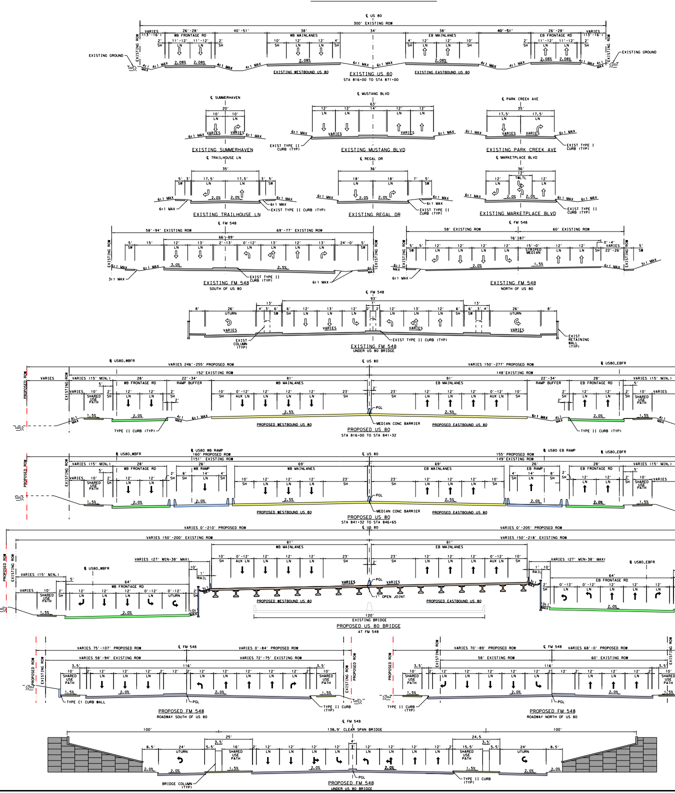
1. EXISTING FEATURES BASED ON LIMITED FIELD SURVEY. SCHEMATICS ARE BASED ON AERIAL TOPO DATED FEBRUARY 14, 2022 AND RECORD PLANS.
2. TRAFFIC APPROVED BY TXDOT DALLAS DISTRICT AND REVIEWED BY TP&P ON XX-XX-XXXX.
3. SHARED USE PATH ADA RAMP LAYOUTS ARE PRELIMINARY AND SUBJECT TO CHANGE. DETAILED LAYOUTS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

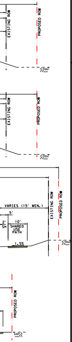
50′ 0 50′ 100′
HORIZONTAL
1":100′

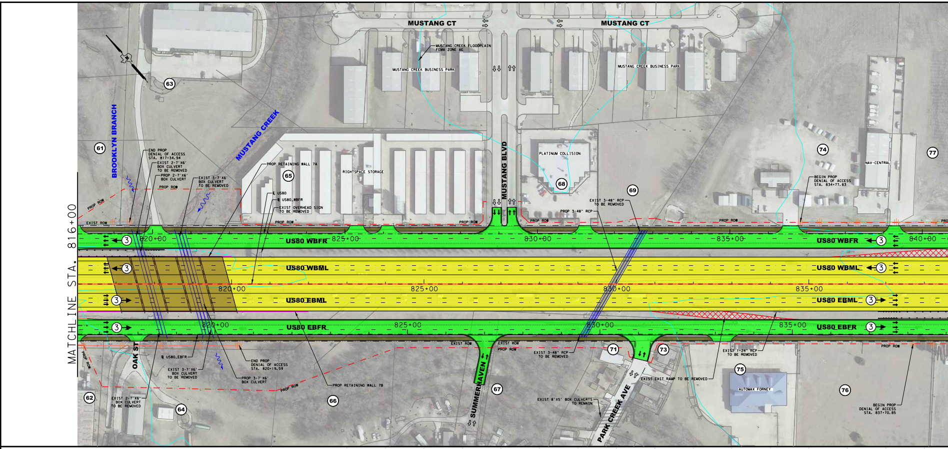
5′ 0 5′ 10′
VERTICAL
1":10′

GRAPHIC SCALE IN FEET

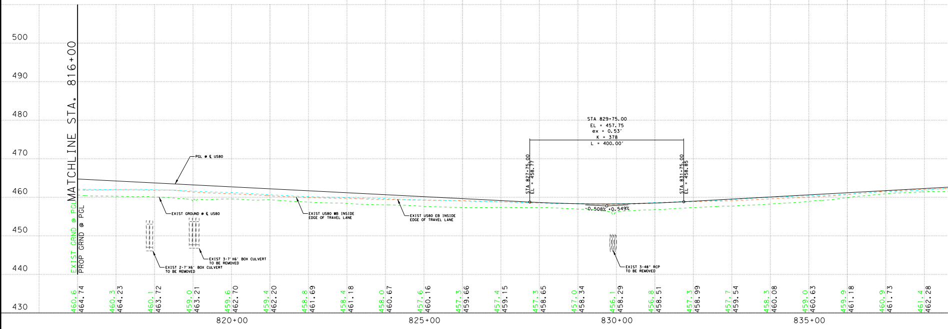
TYPICAL SECTIONS [N.T.S.]

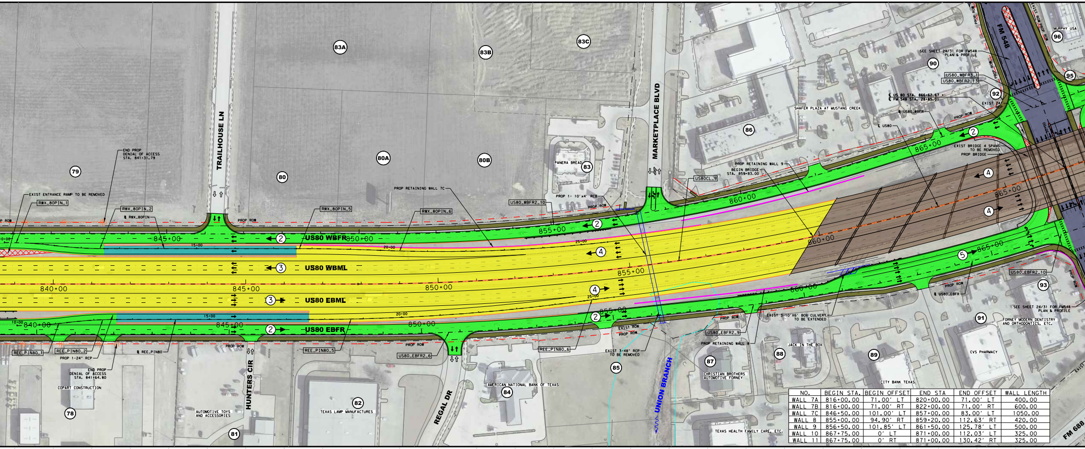

EXISTING US 80
STA 816+00 TO STA 871+00
EXISTING WESTBOUND US 80
EXISTING EASTBOUND US 80
EXISTING SUMMERHAVEN
EXISTING MUSTANG BLVD
EXISTING PARK CREEK AVE
EXISTING TRAILHOUSE LN
EXISTING REGAL DR
EXISTING MARKETPLACE BLVD
EXISTING FM 548
SOUTH OF US 80
EXISTING FM 548
NORTH OF US 80
EXISTING FM 548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


EXISTING ROW
PROPOSED ROW
EXISTING ROW
PROPOSED ROW
VARIES (15' MIN.)
5'
2'
SH
10'
SHARED USE PATH
1.5%
EXISTING ROW
PROPOSED ROW
PROPOSED ROW

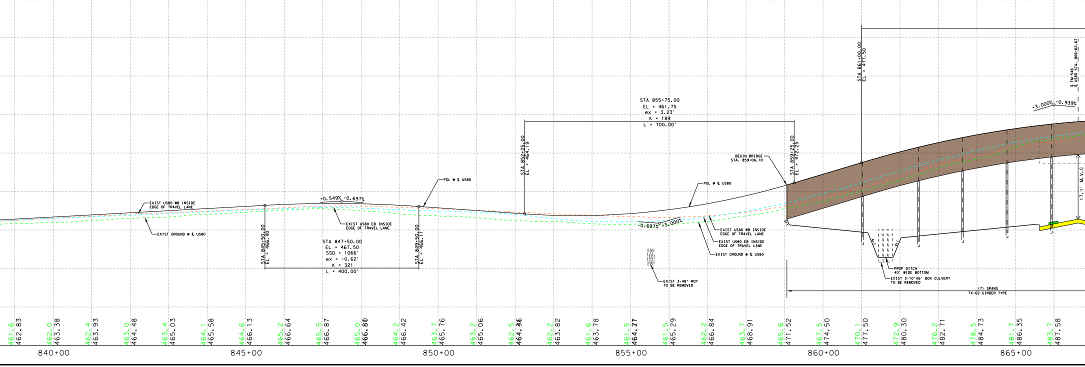

MATCHLINE STA. 816+00
MUSTANG CT
MUSTANG CT
MUSTANG CREEK FLOODPLAIN
FEMA ZONE AE
MUSTANG CREEK BUSINESS PARK
MUSTANG CREEK BUSINESS PARK
63
61
BROOKLYN BRANCH
MUSTANG CREEK
END PROP
DENIAL OF ACCESS
STA. 817+34.94
EXIST 2-7'X6'
BOX CULVERT
TO BE REMOVED
PROP 2-7'X6'
BOX CULVERT
EXIST 3-7'X6'
BOX CULVERT
TO BE REMOVED
PROP ROW
PROP ROW
EXIST ROW
PROP RETAINING WALL 7A
65
RIGHTSPACE STORAGE
℄ US80
℄ US80_WBFR
EXIST OVERHEAD SIGN
TO BE REMOVED
PROP ROW
MUSTANG BLVD
PLATINUM COLLISION
68
69
EXIST 3-48" RCP
TO BE REMOVED
PROP 3-48" RCP
PROP ROW
PROP ROW
74
NAV-CENTRAL
77
BEGIN PROP
DENIAL OF ACCESS
STA. 834+77.83
PROP
3
820+00
US80 WBFR
825+00
830+00
835+00
US80 WBFR
3
840+00
3
US80 WBML
US80 WBML
3
820+00
825+00
830+00
835+00
3
US80 EBML
US80 EBML
3
3
820+00
US80 EBFR
825+00
830+00
835+00
US80 EBFR
3
PROP ROW
OAK ST
℄ US80_EBFR
EXIST 3-7'X6'
BOX CULVERT
TO BE REMOVED
END PROP
DENIAL OF ACCESS
STA. 820+19.59
PROP 3-7'X6'
BOX CULVERT
PROP RETAINING WALL 7B
PROP ROW
62
EXIST 2-7'X6'
BOX CULVERT
TO BE REMOVED
64
66
EXIST ROW
EXIST ROW
PROP ROW
EXIST 3-48" RCP
TO BE REMOVED
SUMMERHAVEN
67
71
73
EXIST 8'X5' BOX CULVERTS
TO REMAIN
PARK CREEK AVE
EXIST EXIT RAMP TO BE REMOVED
EXIST 1-24" RCP
TO BE REMOVED
75
AUTOMAX FORNEY
76
PROP ROW
BEGIN PROP
DENIAL OF ACCESS
STA. 837+70.85

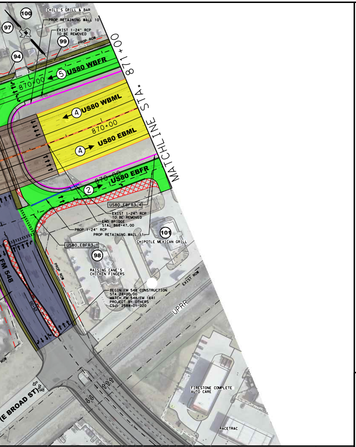
PUS80 - PROP US80 MAIN LANES (60 MPH)

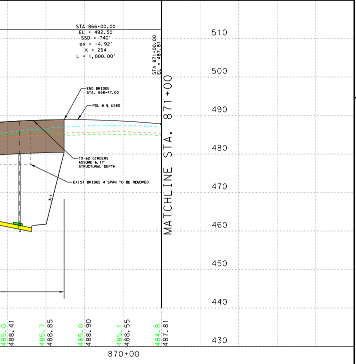



83A
83B
83C
79
80
80A
80B
83
86
90
92
95
96
78
81
82
84
85
87
88
89
91
93
TRAILHOUSE LN
MARKETPLACE BLVD
HUNTERS CIR
REGAL DR
UNION BRANCH
FM 548
FM 688
END PROP
DENIAL OF ACCESS
STA. 841+31.79
EXIST ENTRANCE RAMP TO BE REMOVED
RWX_80PIN_1
RWX_80PIN_2
℄ RWX_80PIN
RWX_80PIN_5
RWX_80PIN_6
PROP ROW
US80 WBFR
US80 WBML
US80 EBML
US80 EBFR
840+00
845+00
850+00
855+00
860+00
865+00
10+00
15+00
20+00
25+00
REE_PIN80_1
REE_PIN80_2
℄ REE_PIN80
REE_PIN80_5
REE_PIN80_6
PROP 1-24" RCP
END PROP
DENIAL OF ACCESS
STA. 841+64.80
COPART CONSTRUCTION
AUTOMOTIVE TOYS AND ACCESSORIES
TEXAS LAMP MANUFACTURES
AMERICAN NATIONAL BANK OF TEXAS
PROP RETAINING WALL 7C
US80_WBFR2_10
PANERA BREAD
PROP 1- 10'x4' RCB
US80CL_9
PROP RETAINING WALL 9
BEGIN BRIDGE
STA. 859+83.00
US80_EBFR2_6
EXIST ROW
EXIST 3-48" RCP
TO BE REMOVED
US80_EBFR2_9
PROP RETAINING WALL 8
EXIST 3-10'X6' BOX CULVERT
TO BE EXTENDED
CHRISTIAN BROTHERS
AUTOMOTIVE FORNEY
JACK IN THE BOX
CITY BANK TEXAS
CVS PHARMACY
TEXAS HEALTH FAMILY CARE, ETC.
SHAFER PLAZA AT MUSTANG CREEK
SEE SHEET 24/31 FOR FM548
PLAN & PROFILE
US80_WBFR3_1
US80_WBFR2_13
℄ US 80 STA. 866+62.67 =
℄ FM 548 STA. 28+85.01
EXIST 24" RCP
℄ US80_WBFR
℄ US80
EXIST BRIDGE 4 SPANS
TO BE REMOVED
PROP BRIDGE
MURPHY USA
EXIST ROW PROP ROW
US80_EBFR2_10
℄ US80_EBFR
SEE SHEET 24/31 FOR FM548
PLAN & PROFILE
FORNEY MODERN DENTISTRY
AND ORTHODONTICS, ETC.
EXIST
2
3
4
5

NO.	BEGIN STA.	BEGIN OFFSET	END STA	END OFFSET	WALL LENGTH
WALL 7A	816+00.00	71.00' LT	820+00.00	71.00' LT	400.00
WALL 7B	816+00.00	71.00' RT	822+00.00	71.00' RT	600.00
WALL 7C	846+50.00	101.00' LT	857+00.00	83.00' LT	1050.00
WALL 8	855+00.00	94.90' RT	859+20.00	112.63' RT	420.00
WALL 9	856+50.00	101.85' LT	861+50.00	125.78' LT	500.00
WALL 10	867+75.00	0' LT	871+00.00	112.03' LT	325.00
WALL 11	867+75.00	0' RT	871+00.00	130.42' RT	325.00


EXIST US80 WB INSIDE
EDGE OF TRAVEL LANE
EXIST GROUND ● ℄ US80
STA 845+50.00
EL = 466.40
+0.549% -0.697%
EXIST US80 EB INSIDE
EDGE OF TRAVEL LANE
STA 847+50.00
EL = 467.50
SSD = 1066'
ex = -0.62'
K = 321
L = 400.00'
STA 849+50.00
EL = 466.11
PGL ● ℄ US80
STA 852+25.00
EL = 464.19
STA 855+75.00
EL = 461.75
ex = 3.23'
K = 189
L = 700.00'
-0.697% +3.000%
PGL ● ℄ US80
EXIST US80 WB INSIDE
EDGE OF TRAVEL LANE
EXIST US80 EB INSIDE
EDGE OF TRAVEL LANE
EXIST GROUND ● ℄ US80
EXIST 3-48" RCP
TO BE REMOVED
BEGIN BRIDGE
STA. 859+06.10
STA 859+25.00
EL = 472.25
STA 861+00.00
EL = 477.50
4:1
4:1
PROP DITCH
40' WIDE BOTTOM
EXIST 3-10'X6' BOX CULVERT
TO BE REMOVED
(7) SPANS
TX-62 GIRDER TYPE
+3.000% -0.939%
℄ FM 548
℄ US80 STA. 866+62.67
17.1' M.V.C
461.6
462.83
462.0
463.38
462.4
463.93
463.0
464.48
463.4
465.03
464.1
465.58
464.6
466.13
465.2
466.64
465.5
466.87
465.0
466.80
464.2
466.42
463.7
465.76
463.2
465.06
462.5
464.36
462.2
463.82
461.6
463.78
461.5
464.27
461.5
465.29
462.2
466.84
463.7
468.91
465.6
471.52
467.5
474.50
470.1
477.50
472.9
480.30
476.2
482.71
478.5
484.73
481.7
486.35
483.7
487.58
840+00
845+00
850+00
855+00
860+00
865+00


100
97
CHILI'S GRILL & BAR
PROP RETAINING WALL 10
EXIST 1-24" RCP TO BE REMOVED
99
94
PROP ROW
5 US80 WBFR
871+00
870+00
4 US80 WBML
870+00
4 US80 EBML
MATCHLINE STA. 871+00
2 US80 EBFR
US80_EBFR3_4
EXIST 1-24" RCP TO BE REMOVED
END BRIDGE STA. 868+47.00
PROP 1-24" RCP
PROP RETAINING WALL
101
CHIPOTLE MEXICAN GRILL
US80_EBFR3_1
98
RAISING CANE'S CHICKEN FINGERS
BEGIN FM 548 CONSTRUCTION STA 24+00.00 MATCH FM 548/FM 1641 PROJECT BY OTHERS CSJ: 2588-01-020
EXIST ROW
UPRR
FM 548
PROP ROW
E BROAD ST
FIRESTONE COMPLETE AUTO CARE
RACETRAC


STA 866+00.00
EL = 492.50
SSD = 740'
ex = -4.92'
K = 254
L = 1,000.00'
STA 871+00.00
EL = 487.81
END BRIDGE STA. 868+47.00
PGL @ ℄ US80
TX-62 GIRDERS ASSUME 6.17' STRUCTURAL DEPTH
EXIST BRIDGE 4 SPAN TO BE REMOVED
MATCHLINE STA. 871+00
510
500
490
480
470
460
450
440
430
485.0
488.41
485.7
488.85
485.0
488.90
485.1
488.55
484.8
487.81
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 BO	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	SHANNON, DAVID F.	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	MEI INVESTMENTS, LP	401 E. 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	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	HWY. 80, FORNEY, TX
84	AMERICAN NATIONAL BANK OF TEXAS	REGAL RD., TX
85	SCSD FINNELL, LTD.	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.	HWY. 80, TX
91	VERMEULEN RANCH CENTER, LLC ET AL	775 E. HWY. 80, TX
92	STATE OF TEXAS	HWY. 80 & FM 548, FORNEY, TX 75126
90	J EVANS FAMILY PARTNERSHIP KNOX, LTD.	HWY. 80, TX
93	S K W HOLDINGS, LTD.	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_8	857+04.40	N 6,960,712.76	E 2,598,513.77	17° 18' 16.11" (LT)	4,178.00	635.76	1,261.84	850+68.64	863+30.48
US80_WBFR2	US80_WBFR2_11	867+53.55	N 6,960,279.33	E 2,599,479.82	1° 16' 57.59" (LT)	5,576.00	62.42	124.83	866+91.13	868+15.96
US80_WBFR3	US80_WBFR3_1	868+60.57	N 6,960,231.51	E 2,599,593.13	1° 14' 40.98" (LT)	5,576.00	60.57	121.14	868+00.00	869+21.14
US80_WBFR3	US80_WBFR3_4	879+54.45	N 6,959,828.17	E 2,600,609.94	18° 16' 53.89" (LT)	4,178.00	672.26	4,178.00	872+82.19	886+15.28
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+60.47	N 6,959,980.83	E 2,599,327.67	1° 52' 54.90" (LT)	5,910.00	97.07	194.12	865+63.40	867+57.52
US80_EBFR3	US80_EBFR3_1	867+86.02	N 6,959,909.95	E 2,599,496.48	1° 40' 03.77" (LT)	5,910.00	86.02	172.02	867+00.00	868+72.02
US80_EBFR3	US80_EBFR3_4	878+37.50	N 6,959,531.21	E 2,600,477.40	20° 11' 36.51" (LT)	4,202.00	748.24	1,480.96	870+89.26	885+70.22
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

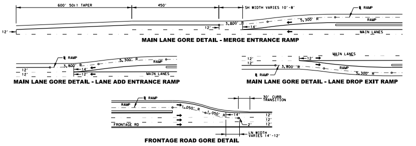
SUPERELEVATION SIGN CONVENTION

℄
(-) | (+)
(+) | (-)

SUPERELEVATION

BASELINE	ROADWAY	BEGIN TRANSITION		END TRANSITION	
		STATION	e	STATION	e
US80CL	US80 WBML	843+70.00	2.50%	848+65.00	2.80%
		887+90.0	2.80%	892+85.00	2.50%
US80CL	US80 EBML	843+70.00	-2.50%	848+65.00	2.80%
		887+90.0	2.80%	892+85.00	-2.50%

RAMP GORE DETAILS [N.T.S.]

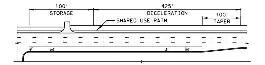

600' 50:1 TAPER
450'
SH WIDTH VARIES 10'-8'
RAMP
3,800' R
5,300' R
12'
14'
MAIN LANES
5,300' R
1,050' R
12'
LN WIDTH VARIES 14'-12'
30' CURB TRANSITION
FRONTAGE RD

MAIN LANE GORE DETAIL - MERGE ENTRANCE RAMP

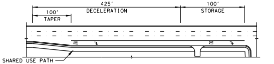
MAIN LANE GORE DETAIL - LANE ADD ENTRANCE RAMP

MAIN LANE GORE DETAIL - LANE DROP EXIT RAMP

FRONTAGE ROAD GORE DETAIL

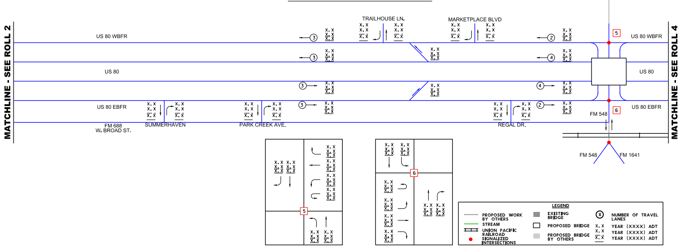

100'
STORAGE
425'
DECELERATION
100'
TAPER
SHARED USE PATH

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 2
MATCHLINE - SEE ROLL 4
US 80 WBFR
US 80
US 80 EBFR
TRAILHOUSE LN.
MARKETPLACE BLVD
FM 548
FM 688
W. BROAD ST.
SUMMERHAVEN
PARK CREEK AVE.
REGAL DR.
FM 548
FM 1641
3
2
4
5
6
X.X
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

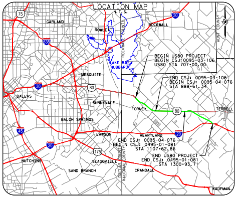
US 80
60% DESIGN SCHEMATIC

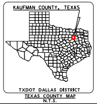
KAUFMAN COUNTY, TEXAS
FROM WEST OF FM 460 TO IH 20
CSJ: 0095-03-106, 0095-04-076 & 0495-01-081
LENGTH: 11.7 MILES
DATE: JULY 2022

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
BEGIN US80 PROJECT
BEGIN CSJ: 0095-03-106
US80 STA 707+00.00
MESQUITE
END CSJ: 0095-03-106
BEGIN CSJ: 0095-01-076
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
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NAME	P.E. NO.	DATE
STEPHEN A JOHNSON, PE	103591	7/25/2022

JULY 22, 2022

ROLL NUMBER 3/31

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