

CK: DME
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CK: DME
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US 175

Beginning chain US175 description
Feature: Road Centerline

Point US1751 N 6,921,280.1030 E 2,592,469.6600 Sta 150+00.02

Course from US1751 to PC US175 3 S 79° 08' 56.44" E Dist 2,399.7361

Curve Data

Curve US175 3
P.I. Station = 178+49.98 N 6,920,743.5821 E 2,595,268.6658
Delta = 4° 29' 59.83" (LT)
Degree = 0° 30' 00.00"
Tangent = 450.2267
Length = 899.9906
Radius = 11,459.1560
External = 8.8412
Long Chord = 899.7593
Mid. Ord. = 8.8344
P.C. Station = 173+99.76 N 6,920,828.3397 E 2,594,826.4890
P.T. Station = 182+99.75 N 6,920,693.7782 E 2,595,716.1294
C.C. = N 6,932,082.6072 E 2,596,983.7371
Back = S 79° 08' 56.44" E
Ahead = S 83° 38' 56.27" E
Chord Bear = S 81° 23' 56.35" E

Course from PT US175 3 to PC US175 6 S 83° 38' 56.27" E Dist 1,280.6978

Curve Data

Curve US175 6
P.I. Station = 207+09.53 N 6,920,427.2093 E 2,598,111.1188
Delta = 35° 00' 00.02" (RT)
Degree = 1° 36' 00.00"
Tangent = 1,129.0808
Length = 2,187.5004
Radius = 3,580.9863
External = 173.7822
Long Chord = 2,153.6470
Mid. Ord. = 165.7390
P.C. Station = 195+80.44 N 6,920,552.1078 E 2,596,988.9674
P.T. Station = 217+67.94 N 6,919,681.2587 E 2,598,958.6926
C.C. = N 6,916,993.0987 E 2,596,592.8400
Back = S 83° 38' 56.27" E
Ahead = S 48° 38' 56.25" E
Chord Bear = S 66° 08' 56.26" E

Course from PT US175 6 to US1759 S 48° 38' 56.25" E Dist 732.0542

Point US1759 N 6,919,197.6120 E 2,599,508.2280 Sta 225+00.00

Course from US1759 to PC US175 11 S 48° 38' 56.45" E Dist 1,810.7443

Curve Data

Curve US175 11
P.I. Station = 250+73.02 N 6,917,497.6931 E 2,601,439.7359
Delta = 15° 09' 23.64" (LT)
Degree = 1° 00' 00.00"
Tangent = 762.2787
Length = 1,515.6566
Radius = 5,729.5780
External = 50.4854
Long Chord = 1,511.2412
Mid. Ord. = 50.0444
P.C. Station = 243+10.74 N 6,918,001.3077 E 2,600,867.5112
P.T. Station = 258+26.40 N 6,917,161.2092 E 2,602,123.7296
C.C. = N 6,922,302.3673 E 2,604,652.8712
Back = S 48° 38' 56.45" E
Ahead = S 63° 48' 20.09" E
Chord Bear = S 56° 13' 38.27" E

Course from PT US175 11 to PC US175 14 S 63° 48' 20.09" E Dist 6,236.2677

Curve Data

Curve US175 14
P.I. Station = 329+47.41 N 6,914,017.8629 E 2,608,513.4235
Delta = 17° 33' 22.40" (LT)
Degree = 1° 00' 00.00"
Tangent = 884.7443
Length = 1,755.6223
Radius = 5,729.5780
External = 67.9074
Long Chord = 1,748.7622
Mid. Ord. = 67.1120
P.C. Station = 320+62.67 N 6,914,408.4054 E 2,607,719.5411
P.T. Station = 338+18.29 N 6,913,884.9792 E 2,609,388.1317
C.C. = N 6,919,549.5636 E 2,610,248.6827
Back = S 63° 48' 20.09" E
Ahead = S 81° 21' 42.49" E
Chord Bear = S 72° 35' 01.29" E

Course from PT US175 14 to PC US175 17 S 81° 21' 42.49" E Dist 3,127.5087

US 175 cont

Curve Data

Curve US175 17
P.I. Station = 374+42.91 N 6,913,340.5808 E 2,612,971.6388
Delta = 9° 55' 02.83" (LT)
Degree = 1° 00' 00.00"
Tangent = 497.1145
Length = 991.7454
Radius = 5,729.5780
External = 21.5251
Long Chord = 990.5078
Mid. Ord. = 21.4445
P.C. Station = 369+45.80 N 6,913,415.2446 E 2,612,480.1634
P.T. Station = 379+37.54 N 6,913,351.6791 E 2,613,468.6294
C.C. = N 6,919,079.8290 E 2,613,340.7144
Back = S 81° 21' 42.49" E
Ahead = N 88° 43' 14.68" E
Chord Bear = S 86° 19' 13.91" E

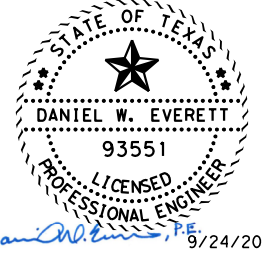
Course from PT US175 17 to PC US175 20 N 88° 43' 14.68" E Dist 2,723.3109

Curve Data

Curve US175 20
P.I. Station = 423+20.96 N 6,913,449.5404 E 2,617,850.9493
Delta = 60° 10' 59.79" (RT)
Degree = 2° 00' 00.00"
Tangent = 1,660.1015
Length = 3,009.1638
Radius = 2,864.7890
External = 446.2461
Long Chord = 2,872.7214
Mid. Ord. = 386.1031
P.C. Station = 406+60.86 N 6,913,412.4780 E 2,616,191.2615
P.T. Station = 436+70.02 N 6,912,027.9899 E 2,618,708.3474
C.C. = N 6,910,548.4030 E 2,616,255.2190
Back = N 88° 43' 14.68" E
Ahead = S 31° 05' 45.53" E
Chord Bear = S 61° 11' 15.43" E

Ending chain US175 description

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DATE: 9/24/2020 TIME: 11:56:59 PM USER: \USER\$




DATE	BY	REV	REVISION
9/22/20	JMG	Δ	ADDED

DANNENBAUM
ENGINEERING COMPANY - DALLAS, LLC
T.B.P.E. FIRM REGISTRATION #392
3030 LBJ FREEWAY, SUITE 910 DALLAS, TX 75234 (972) 239-2002

US 175

HORIZONTAL ALIGNMENT DATA (MAINLANE)

▲ SHEET 1 OF 1



CONT	SECT	JOB	HIGHWAY
0197	03	054	US 175
DIST	COUNTY	SHEET NO.	
18	KAUFMAN	68B	