

1

Chain PR45-1 contains:

D1 CUR C4501 D22

Beginning chain PR45-1 description

Feature: 667

Description: US 45 Urban Section Centerline

Point D1 N 415,296.0684 E 953,408.7074 Sta 388+48.820

Course from D1 to PC C4501 N 70° 02' 43.252" E Dist 3,477.0322

Curve Data

Curve C4501

Feature: 667

P.I. Station 429+24.395 N 416,686.9657 E 957,239.5976

Delta = 70° 34' 37.105" (LT)

Degree = 6° 46' 29.451"

Tangent = 598.5432

Length = 1,041.7500

Radius = 845.7132

External = 190.3779

Long Chord = 977.1262

Mid. Ord. = 155.3967

P.C. Station 423+25.852 N 416,482.6971 E 956,676.9891

P.T. Station 433+67.602 N 417,285.4832 E 957,234.0440

C.C. N 417,277.6362 E 956,388.3672

Back = N 70° 02' 43.249" E

Ahead = N 0° 31' 53.856" W

Chord Bear = N 34° 45' 24.697" E

Course from PT C4501 to D22 N 0° 31' 53.859" W Dist 1,391.1309

Point D22 N 418,676.5542 E 957,221.1364 Sta 447+58.733

Ending chain PR45-1 description

2

Chain PR45-2 contains:

D23 D24

Beginning chain PR45-2 description

Feature: 667

Description: US 45 South Transition Centerline

Point D23 N 418,676.7305 E 957,240.1374 Sta 447+58.730

Course from D23 to D24 N 1° 32' 01.921" W Dist 1,086.3474

Point D24 N 419,762.6886 E 957,211.0582 Sta 458+45.077

Ending chain PR45-2 description

3

Chain PR45-3X0V contains:

D25 CUR C01 CUR C02 CUR C03 CUR C04 CUR C08 CUR C09 CUR C10 CUR C07 D17 D26

Beginning chain PR45-3X0V description

Feature: 667

Description: US 45 Divided Section Centerline

Point D25 N 419,762.3453 E 957,174.0598 Sta 458+45.077

Course from D25 to PC C01 N 0° 31' 53.859" W Dist 823.3042

Curve Data

Curve C01

Feature: 667

Description: CL RURAL DIVIDED

P.I. Station 472+05.925 N 421,123.1339 E 957,161.4332

Delta = 30° 26' 57.191" (RT)

Degree = 2° 54' 03.082"

Tangent = 537.5430

Length = 1,049.6632

Radius = 1,975.1335

External = 71.8411

Long Chord = 1,037.3545

Mid. Ord. = 69.3197

P.C. Station 466+68.382 N 420,585.6141 E 957,166.4208

P.T. Station 477+18.045 N 421,589.0459 E 957,429.5348

C.C. N 420,603.9404 E 959,141.4693

Back = N 0° 31' 53.859" W

Ahead = N 29° 55' 03.332" E

Chord Bear = N 14° 41' 34.737" E

Course from PT C01 to PC C02 N 29° 55' 03.333" E Dist 2,679.7882

Curve Data

Curve C02

Feature: 667

Description: CL RURAL DIVIDED

P.I. Station 509+52.631 N 424,392.6029 E 959,042.7973

Delta = 4° 40' 37.266" (LT)

Degree = 0° 25' 18.266"

Tangent = 554.7980

Length = 1,108.9797

Radius = 13,585.5483

External = 11.3235

Long Chord = 1,108.6718

Mid. Ord. = 11.3141

P.C. Station 503+97.833 N 423,911.7353 E 958,766.0896

P.T. Station 515+06.813 N 424,894.4317 E 959,279.3742

C.C. N 430,687.5804 E 946,990.9019

Back = N 29° 55' 03.333" E

Ahead = N 25° 14' 26.067" E

Chord Bear = N 27° 34' 44.700" E

Course from PT C02 to PC C03 N 25° 14' 26.067" E Dist 10,355.8715

Curve Data

Curve C03

Feature: 667

Description: CL RURAL DIVIDED

P.I. Station 622+47.236 N 434,609.4162 E 963,859.3048

Delta = 2° 11' 01.400" (RT)

Degree = 0° 17' 02.275"

Tangent = 384.5516

Length = 769.0102

Radius = 20,177.0333

External = 3.6642

Long Chord = 768.9636

Mid. Ord. = 3.6636

P.C. Station 618+62.684 N 434,261.5795 E 963,695.3243

P.T. Station 626+31.694 N 434,950.7520 E 964,036.4201

C.C. N 425,657.6901 E 981,945.9615

Back = N 25° 14' 26.067" E

Ahead = N 27° 25' 27.468" E

Chord Bear = N 26° 19' 56.767" E

Course from PT C03 to PC C04 N 27° 25' 27.468" E Dist 232.3971

Curve Data

Curve C04

Feature: 667

Description: CL RURAL DIVIDED

P.I. Station 632+47.212 N 435,497.0978 E 964,319.9129

Delta = 2° 10' 59.577" (LT)

Degree = 0° 17' 05.856"

Tangent = 383.1205

Length = 766.1483

Radius = 20,106.6088

External = 3.6497

Long Chord = 766.1020

Mid. Ord. = 3.6491

P.C. Station 628+64.091 N 435,157.0323 E 964,143.4567

P.T. Station 636+30.240 N 435,843.6386 E 964,483.2862

C.C. N 444,417.6583 E 946,296.4255

Back = N 27° 25' 27.468" E

Ahead = N 25° 14' 27.891" E

Chord Bear = N 26° 19' 57.679" E

Course from PT C04 to PC C08 N 25° 14' 27.463" E Dist 4,601.9373