

VETERANS ROAD

Chain PRVETERAN contains:
EXVET1 CUR EX_VET_C1 CUR EX_VET_C2 CUR EX_VET_C3 CUR PR_VET_C1 CUR
PR_VET_C2 C-
UR PR_VET_C3

Beginning chain PRVETERAN description

Point EXVET1 N 1,457,657.4722 E 2,476,860.0030 Sta 8+00.0000
Course from EXVET1 to PC EX_VET_C1 S 89° 55' 28.1894" E Dist 554.0462

Curve Data

Curve EX_VET_C1
P.I. Station 15+77.4776 N 1,457,656.4477 E 2,477,637.4799
Delta = 29° 47' 25.4525" (RT)
Degree = 6° 49' 15.3341"
Tangent = 223.4314
Length = 436.7501
Radius = 840.0000
External = 29.2074
Long Chord = 431.8471
Mid. Ord. = 28.2260
P.C. Station 13+54.0462 N 1,457,656.7421 E 2,477,414.0487
P.T. Station 17+90.7963 N 1,457,545.1852 E 2,477,831.2381
C.C. N 1,456,816.7429 E 2,477,412.9418
Back = S 89° 55' 28.1895" E
Ahead = S 60° 08' 02.7370" E
Chord Bear = S 75° 01' 45.4632" E
Course from PT EX_VET_C1 to PC EX_VET_C2 S 60° 08' 02.7370" E Dist 267.6486

Curve Data

Curve EX_VET_C2
P.I. Station 22+11.8720 N 1,457,335.5013 E 2,478,196.3920
Delta = 4° 23' 35.5476" (RT)
Degree = 1° 25' 56.6202"
Tangent = 153.4271
Length = 306.7038
Radius = 4,000.0000
External = 2.9414
Long Chord = 306.6286
Mid. Ord. = 2.9392
P.C. Station 20+58.4449 N 1,457,411.9037 E 2,478,063.3411
P.T. Station 23+65.1487 N 1,457,249.1317 E 2,478,323.1995
C.C. N 1,453,943.1308 E 2,476,071.4539
Back = S 60° 08' 02.7370" E
Ahead = S 55° 44' 27.1894" E
Chord Bear = S 57° 56' 14.9632" E
Course from PT EX_VET_C2 to PC EX_VET_C3 S 55° 44' 27.1894" E Dist 62.9145

Curve Data

Curve EX_VET_C3
P.I. Station 25+58.5294 N 1,457,140.2706 E 2,478,483.0287
Delta = 12° 56' 41.7498" (LT)
Degree = 4° 58' 56.0701"
Tangent = 130.4661
Length = 259.8214
Radius = 1,150.0000
External = 7.3770
Long Chord = 259.2692
Mid. Ord. = 7.3299
P.C. Station 24+28.0632 N 1,457,213.7148 E 2,478,375.1984
P.T. Station 26+87.8846 N 1,457,092.8486 E 2,478,604.5711
C.C. N 1,458,164.1900 E 2,479,022.5753
Back = S 55° 44' 27.1894" E
Ahead = S 68° 41' 08.9392" E
Chord Bear = S 62° 12' 48.0643" E

Curve Data

Curve PR_VET_C1
P.I. Station 29+97.6800 N 1,456,980.2436 E 2,478,893.1769
Delta = 40° 04' 49.1227" (RT)
Degree = 12° 19' 18.0228"
Tangent = 169.6153
Length = 325.2830
Radius = 465.0000
External = 29.9690
Long Chord = 318.6911
Mid. Ord. = 28.1545
P.C. Station 28+28.0647 N 1,457,041.8957 E 2,478,735.1631
P.T. Station 31+53.3477 N 1,456,831.3320 E 2,478,974.3847
C.C. N 1,456,608.7011 E 2,478,566.1440
Back = S 68° 41' 08.9392" E
Ahead = S 28° 36' 19.8165" E
Chord Bear = S 48° 38' 44.3778" E

Course from PT PR_VET_C1 to PC PR_VET_C2 S 28° 36' 19.8165" E Dist 312.7098

Curve Data

Curve PR_VET_C2
P.I. Station 35+76.1195 N 1,456,460.1650 E 2,479,176.7978
Delta = 20° 27' 20.1849" (LT)
Degree = 9° 23' 33.9027"
Tangent = 110.0619
Length = 217.7808
Radius = 610.0000
External = 9.8497
Long Chord = 216.6260
Mid. Ord. = 9.6932
P.C. Station 34+66.0576 N 1,456,556.7925 E 2,479,124.1027
P.T. Station 36+83.8384 N 1,456,388.0465 E 2,479,259.9395
C.C. N 1,456,848.8460 E 2,479,659.6443
Back = S 28° 36' 19.8165" E
Ahead = S 49° 03' 40.0013" E
Chord Bear = S 38° 49' 59.9089" E

Course from PT PR_VET_C2 to PC PR_VET_C3 S 49° 03' 40.0013" E Dist 294.6595

Curve Data

Curve PR_VET_C3
P.I. Station 40+76.0655 N 1,456,131.0382 E 2,479,556.2314
Delta = 27° 24' 56.6304" (RT)
Degree = 14° 19' 26.2016"
Tangent = 97.5677
Length = 191.3979
Radius = 400.0000
External = 11.7274
Long Chord = 189.5772
Mid. Ord. = 11.3934
P.C. Station 39+78.4978 N 1,456,194.9698 E 2,479,482.5279
P.T. Station 41+69.8958 N 1,456,040.3506 E 2,479,592.2203
C.C. N 1,455,892.8063 E 2,479,220.4265
Back = S 49° 03' 40.0014" E
Ahead = S 21° 38' 43.3710" E
Chord Bear = S 35° 21' 11.6862" E

Ending chain PRVETERAN description

PRIVATE ENTRANCE

Chain ENT contains:
ENT1 CUR ENT_CV_1

Beginning chain ENT description

Point ENT1 N 1,456,837.5380 E 2,478,970.9386 Sta 10+00.0000

Course from ENT1 to PC ENT_CV_1 N 61° 23' 40.1837" E Dist 89.4361

Curve Data

Curve ENT_CV_1
P.I. Station 11+59.1655 N 1,456,913.7426 E 2,479,110.6758
Delta = 69° 46' 32.3653" (RT)
Degree = 57° 17' 44.8062"
Tangent = 69.7294
Length = 121.7615
Radius = 100.0000
External = 21.9106
Long Chord = 114.3943
Mid. Ord. = 17.9727
P.C. Station 10+89.4361 N 1,456,880.3578 E 2,479,049.4578
P.T. Station 12+11.2176 N 1,456,867.8399 E 2,479,163.1652
C.C. N 1,456,792.5642 E 2,479,097.3355
Back = N 61° 23' 40.1835" E
Ahead = S 48° 49' 47.4512" E
Chord Bear = S 83° 43' 03.6339" E

Ending chain ENT description

FARMDALE ROAD

Chain FARMDALE contains:
FDALE1 CUR FDALE_C1 CUR FDALE_C2 CUR FDALE_C3 FDALE2

Beginning chain FARMDALE description

Point FDALE1 N 1,457,050.1584 E 2,478,713.9857 Sta 1+35.7200

Course from FDALE1 to PC FDALE_C1 N 21° 18' 51.0606" E Dist 88.7542

Curve Data

Curve FDALE_C1
P.I. Station 2+46.3863 N 1,457,153.2553 E 2,478,754.2109
Delta = 16° 37' 19.4416" (RT)
Degree = 38° 11' 49.8708"
Tangent = 21.9121
Length = 43.5165
Radius = 150.0000
External = 1.5920
Long Chord = 43.3640
Mid. Ord. = 1.5753
P.C. Station 2+24.4742 N 1,457,132.8419 E 2,478,746.2462
P.T. Station 2+67.9906 N 1,457,170.5373 E 2,478,767.6821
C.C. N 1,457,078.3196 E 2,478,885.9864
Back = N 21° 18' 51.0608" E
Ahead = N 37° 56' 10.5024" E
Chord Bear = N 29° 37' 30.7816" E

Curve Data

Curve FDALE_C2
P.I. Station 2+72.2369 N 1,457,173.8863 E 2,478,770.2926
Delta = 3° 14' 34.9258" (LT)
Degree = 38° 11' 49.8700"
Tangent = 4.2463
Length = 8.4902
Radius = 150.0000
External = 0.0601
Long Chord = 8.4891
Mid. Ord. = 0.0601
P.C. Station 2+67.9906 N 1,457,170.5373 E 2,478,767.6821
P.T. Station 2+76.4809 N 1,457,177.3776 E 2,478,772.7095
C.C. N 1,457,262.7549 E 2,478,649.3778
Back = N 37° 56' 10.5024" E
Ahead = N 34° 41' 35.5766" E
Chord Bear = N 36° 18' 53.0395" E

Course from PT FDALE_C2 to PC FDALE_C3 N 34° 41' 35.5761" E Dist 23.7729

Curve Data

Curve FDALE_C3
P.I. Station 3+64.0533 N 1,457,249.3807 E 2,478,822.5542
Delta = 26° 38' 31.0135" (RT)
Degree = 21° 15' 50.2033"
Tangent = 63.7995
Length = 125.2917
Radius = 269.4504
External = 7.4501
Long Chord = 124.1659
Mid. Ord. = 7.2497
P.C. Station 3+00.2538 N 1,457,196.9240 E 2,478,786.2406
P.T. Station 4+25.5454 N 1,457,279.9844 E 2,478,878.5345
C.C. N 1,457,043.5576 E 2,479,007.7858
Back = N 34° 41' 35.5765" E
Ahead = N 61° 20' 06.5899" E
Chord Bear = N 48° 00' 51.0833" E

Course from PT FDALE_C3 to FDALE2 N 61° 20' 06.5899" E Dist 84.6028

Point FDALE2 N 1,457,320.5671 E 2,478,952.7684 Sta 5+10.1483

Ending chain FARMDALE description

PLEASANT HILL ROAD

Chain PLHILL contains:
PLHILL2 PLHILL3

Beginning chain PLHILL description

Point PLHILL2 N 1,455,870.8904 E 2,479,223.9381 Sta 5+94.4600

Course from PLHILL2 to PLHILL3 N 17° 39' 36.4964" E Dist 455.5399

Point PLHILL3 N 1,456,304.9620 E 2,479,362.1353 Sta 10+49.9999

Ending chain PLHILL description

FILE NAME =	USER NAME = jdspiller	DESIGNED -	REVISED -	STATE OF ILLINOIS				T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\237\2008\23708010\VeteransRdBridgePh	CADD\CADD_Sheets\0408010-sht-A7B.dgn	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION				156	06-07109-00-BR	TAZEWELL	53	6
	PLOT SCALE = 40.0000 / IN.	CHECKED -	REVISED -					CONTRACT NO. 89472				
	PLOT DATE = 8/16/2011	DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				