



COORDINATE DATA

STATION	NORTHING	EASTING	REMARKS
300+00.00	1,934,697.33	999,451.45	POT PR C GILBERT RD
313+07.15	1,935,609.78	998,515.46	POT PR C GILBERT RD
1992+97.11	1,934,081.35	999,966.54	POT PR C UPRR STA 20002+28.37 EX UPRR
1994+28.36	1,934,172.90	999,872.48	TS PR CURVE SH001
1994+61.70	1,934,196.15	999,848.59	PI PR CURVE SH001
1994+78.36	1,934,207.61	999,836.50	SC PR CURVE SH001
1995+30.08	1,934,243.20	999,798.97	PI PR CURVE SH001
1995+81.76	1,934,276.70	999,759.56	CS PR CURVE SH001
1995+98.43	1,934,287.49	999,746.87	PI PR CURVE SH001
1996+31.76	1,934,308.75	999,721.19	ST PR CURVE SH001
1998+02.51	1,934,417.64	999,589.67	TS PR CURVE SH002
1998+35.84	1,934,438.90	999,563.99	PI PR CURVE SH002
1998+52.51	1,934,449.69	999,551.30	SC PR CURVE SH002
1999+04.33	1,934,483.26	999,511.82	PI PR CURVE SH002
1999+56.10	1,934,518.31	999,474.22	CS PR CURVE SH002
1999+72.77	1,934,530.38	999,462.13	PI PR CURVE SH002
2000+06.10	1,934,553.63	999,438.24	ST PR CURVE SH002

COORDINATE DATA

STATION	NORTHING	EASTING	REMARKS
2002+03.70	1,934,691.94	999,297.12	TS PR CURVE SH003
2002+37.03	1,934,715.24	999,273.28	PI PR CURVE SH003
2002+53.70	1,934,727.05	999,261.52	SC PR CURVE SH003
2002+99.37	1,934,759.40	999,229.29	PI PR CURVE SH003
2003+45.02	1,934,793.26	999,198.64	CS PR CURVE SH003
2003+61.68	1,934,805.62	999,187.45	PI PR CURVE SH003
2003+95.02	1,934,830.62	999,165.40	ST PR CURVE SH003
2005+83.47	1,934,971.97	999,040.76	TS PR CURVE SH004
2006+16.81	1,934,996.97	999,018.72	PI PR CURVE SH004
2006+33.47	1,935,009.33	999,007.53	SC PR CURVE SH004
2006+81.35	1,935,044.82	998,975.40	PI PR CURVE SH004
2007+29.19	1,935,078.66	998,941.53	CS PR CURVE SH004
2007+45.86	1,935,090.44	998,929.74	PI PR CURVE SH004
2007+79.19	1,935,113.69	998,905.85	ST PR CURVE SH004
2009+88.29	1,935,259.53	998,756.01	POT PR CURVE SH004 (STA 20019+17.59 EX UPRR)

PR SPIRAL IN SH001

Δ = 0° 44' 59.69" (LT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

PR CURVE SH001

PI STA = 1995+30.08
 D = 3° 00' 00.00" (CHORD)
 Δ = 3° 06' 07.07" (LT)
 R = 1,910.08'
 T = 51.72'
 L = 103.40'
 E = 0.70'
 SE = 1"
 SC STA = 1994+78.36
 CS STA = 1995+81.76

PR SPIRAL OUT SH001

Δ = 0° 44' 59.69" (RT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

PR SPIRAL IN SH002

Δ = 0° 44' 59.69" (RT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

PR CURVE SH002

PI STA = 1999+04.33
 D = 3° 00' 00.00" (CHORD)
 Δ = 3° 08' 28.14" (RT)
 R = 1,910.08'
 T = 51.82'
 L = 103.59'
 E = 0.70'
 SE = 1"
 SC STA = 1998+52.51
 CS STA = 1999+56.10

PR SPIRAL OUT SH002

Δ = 0° 44' 59.69" (RT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

PR SPIRAL IN SH003

Δ = 0° 44' 59.69" (RT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

PR CURVE SH003

PI STA = 2002+99.37
 D = 3° 00' 00.00" (CHORD)
 Δ = 2° 44' 21.97" (RT)
 R = 1,910.08'
 T = 45.67'
 L = 91.31'
 E = 0.55'
 SE = 1"
 SC STA = 2002+53.70
 CS STA = 2003+45.02

PR SPIRAL OUT SH003

Δ = 0° 44' 59.69" (RT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

PR SPIRAL IN SH004

Δ = 0° 44' 59.69" (LT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

PR CURVE SH004

PI STA = 2006+81.35
 D = 3° 00' 00.00" (CHORD)
 Δ = 2° 52' 18.02" (LT)
 R = 1910.08'
 T = 47.88'
 L = 95.72'
 E = 0.60'
 SE = 1"
 SC STA = 2006+33.47
 CS STA = 2007+29.19

PR SPIRAL OUT SH004

Δ = 0° 44' 59.69" (LT)
 LS = 50.00'
 R = 1910.08'
 YS = 0.22'
 XS = 50.00'
 P = 0.05'
 K = 25.00'
 LT = 33.33'
 ST = 16.67'

FILE NAME =	DESIGNED - AAF	REVISED -
...D163598-sh04-18-80.dgn	DRAWN - TMB	REVISED -
USER NAME = sh04	CHECKED - JMM	REVISED -
PRINT DATE = 1/11/2013	DATE 01/18/2013	REVISED -



**STATE OF ILLINOIS
DIVISION OF TRANSPORTATION**

ALIGNMENT, TIES & BENCHMARKS

SCALE: 1"=50' SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-18-RP	XANE	451	47
CONTRACT NO. 63598				
ILLINOIS FED. AID PROJECT				