



CURVE 31CLO1-1	CURVE 31CLO1-2	CURVE 31CLO1-3	CURVE 31CLO1-4
PI STA. = 218+07.26	PI STA. = 219+69.91	PI STA. = 220+50.98	PI STA. = 221+18.45
$\Delta = 6^\circ 47' 35''$ (LT)	$\Delta = 4^\circ 30' 00''$ (LT)	$\Delta = 4^\circ 42' 38''$ (LT)	$\Delta = 4^\circ 32' 41''$ (LT)
D = 8° 50' 31"	D = 8° 09' 29"	D = 9° 27' 17"	D = 5° 20' 25"
R = 648.00'	R = 702.31'	R = 606.00'	R = 1,072.88'
T = 38.46'	T = 27.59'	T = 24.92'	T = 42.57'
L = 76.83'	L = 55.16'	L = 49.82'	L = 85.10'
E = 1.14'	E = 0.54'	E = 0.51'	E = 0.84'
e = 4%	e = 4%	e = 4%	e = 4%
T.R. = 45'	P.C. STA = 219+42.32	P.C. STA = 220+26.06	P.C. STA = 220+75.88
S.E. RUN = 116'	P.T. STA = 219+97.48	P.T. STA = 220+75.88	P.T. STA = 221+60.98
P.C. STA = 217+68.80			
P.T. STA = 218+45.63			

CURVE 72CLO1-1	CURVE 72CLO1-2	CURVE 72CLO1-3
PI STA. = 114+33.28	PI STA. = 117+11.35	PI STA. = 121+18.78
$\Delta = 3^\circ 38' 32''$ (LT)	$\Delta = 1^\circ 57' 13''$ (LT)	$\Delta = 1^\circ 33' 15''$ (LT)
D = 2° 16' 02"	D = 2° 16' 19"	D = 1° 56' 32"
R = 2,526.99'	R = 2,521.99'	R = 2,949.99'
T = 80.35'	T = 43.00'	T = 40.01'
L = 160.64'	L = 85.99'	L = 80.01'
E = 1.28'	E = 0.37'	E = 0.27'
e = N/C	e = N/C	e = N/C
P.C. STA = 113+52.93	P.C. STA = 116+68.35	P.C. STA = 120+78.77
P.T. STA = 115+13.57	P.T. STA = 117+54.35	P.T. STA = 121+58.79

BENCHMARK
SOURCE: USGS BENCHMARK
STATION DESIGNATION: 89 A 1922
ESTABLISHED BY: USGS
RESET BY: HAZELET EDRL CONSULTANTS
RESET DATE: NOVEMBER 25, 1996
ELEVATION: 727.384 (PUBLISHED AND HELD)
DATUM: NGVD29
DESCRIPTION: WEST END OF CONCRETE BRIDGE OVER FOX RIVER, ON SOUTH SIDE OF BRIDGE AT WEST END OF RAILING IN BASE OF INSIDE OF LAMP PEDESTAL.

SITE:
STATION DESIGNATION: SBM#1
ESTABLISHED BY: V3 COMPANY
DATE: NOVEMBER, 2005
ELEVATION: 756.93 (MEASURED)
DATUM: NGVD29
DESCRIPTION: NORTHWEST TAG BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF ROUTE 72 AND ROUTE 31.

STATION DESIGNATION: SBM#2
ESTABLISHED BY: V3 COMPANY
DATE: NOVEMBER, 2005
ELEVATION: 760.49 (MEASURED)
DATUM: NGVD29
DESCRIPTION: NORTHWEST TAG BOLT ON FIRE HYDRANT AT THE NORTHEAST CORNER OF GENEVA STREET AND ROUTE 31.

CP #	N	E	ELEV	DSCR
100	1,978,383.18	996,883.71	755.520	SCC
101	1,978,375.25	997,638.32	760.232	SCC
103	1,978,305.61	997,638.22	760.593	SCC
104	1,978,296.69	996,863.95	755.093	SCC
105	1,979,121.29	996,816.47	759.875	SCC
106	1,978,854.83	996,772.01	757.232	SCC
107	1,978,425.22	996,767.21	755.534	SCC
110	1,978,304.42	996,762.61	754.846	SCC
111	1,977,687.93	996,759.46	753.860	SCC
209	1,978,377.38	996,247.44	749.653	SCC

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

 V3 Companies 7325 Janda Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = *USER*	DESIGNED <i>ESI</i>	REVISED - <i>09/11/12</i>
	PLOT SCALE = *SCALE*	DRAWN <i>ESI</i>	REVISED -
	PLOT DATE = *DATE*	CHECKED <i>GJS</i>	REVISED -
		DATE <i>07/03/12</i>	REVISED -

SCALE: 1" = 100' SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	S-N	KANE	153	45
CONTRACT NO. 60A95				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				