

JAN 25 1993

TIME-11 22 40

COGO

ICES COGO COORDINATE GEOMETRY
WISCONSIN DEPARTMENT OF TRANSPORTATION
JULY 1972

\$ D7CG8KC/ USH 8 CTH K/ 9 19 90 / JRW & RWS

SET SYS XY

STO 2701 X 2083084 717 Y 146308 931 \$ PC SB CUR 270
 POINT 2701 X 2083084 717 Y 146308 931 S ***** Z *

D 270 X 2082846 753 Y 146847 841 \$ PI SB CUR 270
 POINT 270 X 2082846 753 Y 146847 841 S ***** Z ** *****

D 2703 X 2082504 107 Y 147327 053 \$ PT SB CUR 270
 POINT 2703 X 2082504 107 Y 147327 053 S ** * ***** Z *

STO CUR 270 PB 2701 PI 270 DEG 1 00 PA 2703 \$ SB CUR 270

CURVE 270 TYPE C CURVE ELEMENTS

RADIUS 5729 578 DEGREE 1 0 0 00
 LENGTH 1174 092 DELTA 11 44 27 31
 TANGENT 589 109 BACK N 23 49 28 54 W
 EXTERNAL 30 206 AHEAD N 35 33 55 85 W
 LONG CHORD 1172 039
 MID ORD 30 048

CURVE 270 TYPE C CURVE POINTS

POINT CC 270 X 2077843 377 Y 143994 538 S 7
 POINT PC 270 X 2083084 716 Y 146308 932 S 0 0 0 Z *****
 POINT PT 270 X 2082504 108 Y 147327 052 S 11+74 092 Z ***** ***
 POINT PI 270 X 2082846 753 Y 146847 841 S 5+89 109 Z *****

STA CUR 270 PC STA 1854+10 89

STO CUR 979 CON CUR 270 OFF M 125 \$ SB CUR 270 OFF 125 LT

CURVE 979 TYPE C CURVE ELEMENTS

RADIUS 5604 578 DEGREE 1 1 20 29
 LENGTH 1148 477 DELTA 11 44 27 31
 TANGENT 576 257 BACK N 23 49 28 54 W
 EXTERNAL 29 547 AHEAD N 35 33 55 85 W
 LONG CHORD 1146 469
 MID ORD 29 392

CURVE 979 TYPE C CURVE POINTS

POINT CC 979 X 2077843 377 Y 143994 538 S ***** * ** Z ***** **
 POINT PC 979 X 2082970 368 Y 146258 440 S 0+ 0 0 Z ***** **

RECEIVED & FILED #
 Oneida County Surveyors Office
 Date FEB 03, 1993
 By *AK*
 O S Ar

L1216

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POINT PT 979 X 2082402 426 Y 147254 348 S 11+48 477 Z ***** *
POINT PI 979 X 2082737 596 Y 146785 592 S 5+76 257 Z *

STO 273 X 2078708 963 Y 152634 801 \$ PI SB CUR 273
POINT 273 X 2078708 963 Y 152634 801 S ***** ** Z ***** **

D 283 X 2078654 672 Y 159040 435 \$ PI SB CUR 283
POINT 283 X 2078654 672 Y 159040 435 S * ***** Z

D 1293 X 2081253 75 Y 167409 10 \$ PI SB CUR 1293
POINT 1293 X 2081253 750 Y 167409 100 S *** ***** Z *****

D 1294 X 2075438 53 Y 172834 15 \$ PI SB CUR 1294
POINT 1294 X 2075438 530 Y 172834 150 S ***** * *** Z

LOC 1201 1294 1000 N 2 28 41 E
POINT 1201 X 2075481 767 Y 173833 215 S ***** Z *****

STO CUR 273 PB 270 PI 273 DEG 0 30 PA 283 \$ SB CUR 273

CURVE 273 TYPE C CURVE ELEMENTS

RADIUS 11459 156 DEGREE 0 30 0 00
LENGTH 7015 983 DELTA 35 4 47 69
TANGENT 3621 846 BACK N 35 33 55 84 W
EXTERNAL 558 748 AHEAD N 0 29 8 16 W
LONG CHORD 6906 910
MID ORD 532 770

CURVE 273 TYPE C CURVE POINTS

POINT CC 273 X 2090137 011 Y 156353 635 S ***** * Z *
POINT PC 273 X 2080815 550 Y 149688 607 S 0+ 0 0 Z ***** *
POINT PT 273 X 2078678 267 Y 156256 517 S 70+15 983 Z *** * ** **
POINT PI 273 X 2078708 963 Y 152634 801 S 36+21 845 Z *****

STO CUR 973 CON CUR 273 OFF M 125 \$ SB CUR 273 OFF 125 LT

CURVE 973 TYPE C CURVE ELEMENTS

RADIUS 11584 156 DEGREE 0 29 40 58
LENGTH 7092 515 DELTA 35 4 47 69
TANGENT 3661 354 BACK N 35 33 55 84 W
EXTERNAL 564 843 AHEAD N 0 29 8 16 W
LONG CHORD 6982 253
MID ORD 538 582

CURVE 973 TYPE C CURVE POINTS

POINT CC 973 X 2090137 011 Y 156353 635 S ***** Z ***** **
POINT PC 973 X 2080713 868 Y 149615 903 S 0+ 0 0 Z *** * **
POINT PT 973 X 2078553 272 Y 156255 457 S 70+92 515 Z ***
POINT PI 973 X 2078584 302 Y 152594 235 S 36+61 353 Z *****

STO CUR 283 PB 273 PI 283 DEG 1 00 PA 1293 \$ SB CUR 283

CURVE 283 TYPE C CURVE ELEMENTS

11216

RADIUS 5729 578 DEGREE 1 0 0 00
 LENGTH 1773 896 DELTA 17 44 20 26
 TANGENT 894 101 BACK N 0 29 8 16 W
 EXTERNAL 69 343 AHEAD N 17 15 12 10 E
 LONG CHORD 1766 82
 MID ORD 68 514

CURVE 283 TYPE C CURVE POINTS

POINT CC 283 X 2084391 622 Y 158194 925 S **** * Z ***** *
 POINT PC 283 X 2078662 250 Y 158146 366 S 0+ 0 0 Z *
 POINT PT 283 X 2078919 860 Y 159894 304 S 17+73 896 Z
 POINT PI 283 X 2078654 672 Y 159040 435 S 8+94 101 Z *****

STO CUR 293 PB 283 PI 1293 DEG 1 45 PA 1294 \$ SB CUR 283

CURVE 293 TYPE C CURVE ELEMENTS

RADIUS 3274 045 DEGREE 1 45 0 00
 LENGTH 3670 937 DELTA 64 14 29 05
 TANGENT 2055 453 BACK N 17 15 12 10 E
 EXTERNAL 591 735 AHEAD N 46 59 16 95 W
 LONG CHORD 3481 649
 MID ORD 501 158

CURVE 293 TYPE C CURVE POINTS

POINT CC 293 X 2077517 387 Y 166417 211 S ***** * Z ** *
 POINT PC 293 X 2080644 108 Y 165446 137 S 0+ 0 0 Z
 POINT PT 293 X 2079750 779 Y 168811 229 S 36+70 937 Z *****
 POINT PI 293 X 2081253 750 Y 167409 100 S 20+55 453 Z ***** **

STO CUR 294 PB 1293 PI 1294 DEG 3 30 PA 1201 \$ SB CUR 283

CURVE 294 TYPE C CURVE ELEMENTS

RADIUS 1637 022 DEGREE 3 30 0 00
 LENGTH 1413 317 DELTA 49 27 57 95
 TANGENT 754 090 BACK N 46 59 16 95 W
 EXTERNAL 165 336 AHEAD N 2 28 41 00 E
 LONG CHORD 1369 831
 MID ORD 150 169

CURVE 294 TYPE C CURVE POINTS

POINT CC 294 X 2077106 626 Y 173516 756 S ***** Z **
 POINT PC 294 X 2075989 929 Y 172319 746 S 0+ 0 0 Z *****
 POINT PT 294 X 2075471 134 Y 173587 535 S 14+13 317 Z *****
 POINT PI 294 X 2075438 530 Y 172834 150 S 7+54 090 Z ***** **

STO 263 X 2084310 917 Y 138661 542 \$ PI SB CUR 263

POINT 263 X 2084310 917 Y 138661 542 S Z *****

D 279 X 2084620 279 Y 142831 386 \$ PI SB CUR 279

POINT 279 X 2084620 279 Y 142831 386 S ***** Z *****

STO CUR 279 PB 263 PI 279 DEG 0 40 PA 270 \$ SB CUR 279

CURVE 279 TYPE C CURVE ELEMENTS

RADIUS 8594 367 DEGREE 0 40 0 00
LENGTH 4210 139 DELTA 28 4 3 34
TANGENT 2148 202 BACK N 4 14 34 86 E
EXTERNAL 264 409 AHEAD N 23 49 28 47 W
LONG CHORD 4168 168
MID ORD 256 517

CURVE 279 TYPE C CURVE POINTS

POINT CC 279 X 2075890 529 Y 141324 943 S
POINT PC 279 X 2084461 340 Y 140689 072 S 0+ 0 0
POINT PT 279 X 2083752 539 Y 144796 532 S 42+10 139
POINT PI 279 X 2084620 279 Y 142831 386 S 21+48 202

EQU 1 TO PC 279

POINT 1 X 2084461 340 Y 140689 072 S 0+ 0 0 Z **

EQU 2 TO PT 279

POINT 2 X 2083752 539 Y 144796 532 S 42+10 139 Z *****

STO CHA A 263 CUR 279

\$ SB CHA 1

STA CHA A FROM PC 279 STATION 1794+03 34 AHEAD TO PT 279 BACK TO 263
WARNING SPECIFIED BACK POINT NOT FOUND IN CHAIN

STATIONING DONE BACK TO BEGINNING OF CHAIN

EQU 3 TO PT 270

POINT 3 X 2082504 108 Y 147327 052 S 1865+84 982 Z *****

STO LINE 50 PT 270 TO 2703

LINE 50 THRU PT 270 AT BEARING N 35 33 55 80 W

LOC 1270 ON LINE 50 P 257 85 PT 270

POINT 1270 X 2082354 133 Y 147536 801 S ***** Z ****

STO CHA B 2 CUR 270 1270

STA CHA B FROM 2 STA 1837+57 61

LOC 2731 PT 273 155 66 N 0 29 08 W

\$ SB EQ

POINT 2731 X 2078676 948 Y 156412 171 S Z * *****

D 2833 PT 283 315 79 N 17 15 12 E

\$

POINT 2833 X 2079013 523 Y 160195 884 S * ***** Z ** * ****

STO COU E1 2833 TO 1293

COURSE E1 FROM 2833 TO 1293 LENGTH 7553 085 BEARING N 17 15 12 11 E

STA COU E1 2003+44 35

POINT 2833 X 2079013 523 Y 160195 884 S 2003+44 350 Z *****
POINT 1293 X 2081253 750 Y 167409 100 S 2078+97 435 Z *****

LOC 2834 ON COU E1 STA 2057+00 OFF P 280

POINT 2834 X 2080869 397 Y 165227 496 S 2057+ 0 0 Z ****

D 2835 ON COU E1 STA 2020+00 OFF P 280

POINT 2835 X 2079771 985 Y 161693 987 S 2020+ 0 0 Z

LOC 444 FROM 1270 P 1831 53 1270 TO PC 273

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POINT 444 X 2081288 854 Y 149026 660 S ***** Z * *****

EQU 66 TO 1270
POINT 66 X 2082354 133 Y 147536 801 S 1868+42 834 Z

EQU 77 TO 2833
POINT 77 X 2079013 523 Y 160195 884 S 2003+44 350 Z

STO CHA C 66 CUR 273 2731

STA CHA C 1868+68 47

STO CHA D 2731 CUR 283 2833

STA CHA D 1965+75 19

STO CHA E 77 CUR 293 CUR 294

STA CHA E 2003+44 35

\$ END 8 02

DES CHA A

DESCRIPTION OF CHAIN A *STA 1773+70 238* *STA 1836+13 479*

CHAIN ELEMENTS

COURSE FROM 263 TO PC 279 LENGTH 2033 102 BEARING N 4 14 34 86 E

CURVE 279 TYPE C CURVE ELEMENTS

RADIUS 8594 367 DEGREE 0 40 0 00

LENGTH 4210 139 DELTA 28 4 3 34

TANGENT 2148 202 BACK N 4 14 34 86 E

EXTERNAL 264 409 AHEAD N 23 49 28 47 W

LONG CHORD 4168 168

MID ORD 256 517

CHAIN POINTS

POINT 263 X 2084310 917 Y 138661 542 S 1773+70 238 *

CURVE 279 TYPE C CURVE POINTS

POINT CC 279 X 2075890 529 Y 141324 943 S ** *****

POINT PC 279 X 2084461 340 Y 140689 072 S 1794+ 3 340 *****

POINT PT 279 X 2083752 539 Y 144796 532 S 1836+13 479 *****

POINT PI 279 X 2084620 279 Y 142831 386 S 1815+51 542 *****

DES CHA B

DESCRIPTION OF CHAIN B *STA 1837+57 61* *- STA 1868+42 834*

CHAIN ELEMENTS

11216

11216

COURSE FROM 2 TO PC 270 LENGTH 1653 282 BEARING N 23 49 28 45 W

CURVE 270 TYPE C CURVE ELEMENTS

RADIUS 5729 578 DEGREE 1 0 0 00
LENGTH 1174 092 DELTA 11 44 27 31
TANGENT 589 109 BACK N 23 49 28 54 W
EXTERNAL 30 206 AHEAD N 35 33 55 85 W
LONG CHORD 1172 039
MID ORD 30 048

COURSE FROM PT 270 TO 1270 LENGTH 257 850 BEARING N 35 33 55 80 W

CHAIN POINTS

POINT 2 X 2083752 539 Y 144796 532 S 1837+57 610 Z *

CURVE 270 TYPE C CURVE POINTS

POINT CC 270 X 2077843 377 Y 143994 538 S *** Z ****
POINT PC 270 X 2083084 716 Y 146308 932 S 1854+10 892 Z
POINT PT 270 X 2082504 108 Y 147327 052 S 1865+84 984 Z *****
POINT PI 270 X 2082846 753 Y 146847 841 S 1860+ 0 001 Z *****

POINT 1270 X 2082354 133 Y 147536 801 S 1868+42 834 Z *****

DES CHA C

DESCRIPTION OF CHAIN C STA 1868+68 470 - STA 2003+99 133

CHAIN ELEMENTS

COURSE FROM 66 TO PC 273 LENGTH 2645 281 BEARING N 35 33 55 85 W

CURVE 273 TYPE C CURVE ELEMENTS

RADIUS 11459 156 DEGREE 0 30 0 00
LENGTH 7015 983 DELTA 35 4 47 69
TANGENT 3621 846 BACK N 35 33 55 84 W
EXTERNAL 558 748 AHEAD N 0 29 8 16 W
LONG CHORD 6906 910
MID ORD 532 770

COURSE FROM PT 273 TO 2731 LENGTH 155 66 BEARING N 0 29 8 00 W

CHAIN POINTS

POINT 66 X 2082354 133 Y 147536 801 S 1868+68 470 Z ** *****

CURVE 273 TYPE C CURVE POINTS

POINT CC 273 X 2090137 011 Y 156353 635 S ***** ***
POINT PC 273 X 2080815 550 Y 149688 607 S 1895+13 751 **
POINT PT 273 X 2078678 267 Y 156256 517 S 1965+29 734 Z * *
POINT PI 273 X 2078708 963 Y 152634 801 S 1931+35 596 *

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POINT 2731 X 2078676 948 Y 156412 171 S 1965+75 190 Z *****

DES CHA D

DESCRIPTION OF CHAIN D

CHAIN ELEMENTS

COURSE FROM 2731 TO PC 283 LENGTH 1734 257 BEARING N 0 29 8 17 W

CURVE 283 TYPE C CURVE ELEMENTS

RADIUS 5729 578 DEGREE 1 0 0 00
LENGTH 1773 896 DELTA 17 44 20 26
TANGENT 894 101 BACK N 0 29 8 16 W
EXTERNAL 69 343 AHEAD N 17 15 12 10 E
LONG CHORD 1766 82
MID ORD 68 514

COURSE FROM PT 283 TO 2833 LENGTH 315 79 BEARING N 17 15 12 00 E

CHAIN POINTS

POINT 2731 X 2078676 948 Y 156412 171 S 1965+75 190 Z * *** *****

CURVE 283 TYPE C CURVE POINTS

POINT CC 283 X 2084391 622 Y 158194 925 S ***** Z *****
POINT PC 283 X 2078662 250 Y 158146 366 S 1983+ 9 447 Z *****
POINT PT 283 X 2078919 860 Y 159894 304 S 2000+83 343 Z *****
POINT PI 283 X 2078654 672 Y 159040 435 S 1992+ 3 548 Z *****

POINT 2833 X 2079013 523 Y 160195 884 S 2003+99 133 Z *****

DES CHA E

STA 2003+44 35 - STA 2160+69 551

DESCRIPTION OF CHAIN E

CHAIN ELEMENTS

COURSE FROM 77 TO PC 293 LENGTH 5497 632 BEARING N 17 15 12 11 E

CURVE 293 TYPE C CURVE ELEMENTS

RADIUS 3274 045 DEGREE 1 45 0 00
LENGTH 3670 937 DELTA 64 14 29 05
TANGENT 2055 453 BACK N 17 15 12 10 E
EXTERNAL 591 735 AHEAD N 46 59 16 95 W
LONG CHORD 3481 649
MID ORD 501 158

COURSE FROM PT 293 TO PC 294 LENGTH 5143 315 BEARING N 46 59 16 95 W

CURVE 294 TYPE C CURVE ELEMENTS

L1216

RADIUS 1637 022 DEGREE 3 30 0 00
 LENGTH 1413 317 DELTA 49 27 57 95 ✓
 TANGENT 754 090 BACK N 46 59 16 95 W ✓
 EXTERNAL 165 336 AHEAD N 2 28 41 00 E ✓
 LONG CHORD 1369 831
 MID ORD 150 169

CHAIN POINTS

POINT 77 X 2079013 523 Y 160195 884 S 2003+44 350 **** **

CURVE 293 TYPE C CURVE POINTS

POINT CC 293 X 2077517 387 Y 166417 211 S ** * *** *
 POINT PC 293 X 2080644 108 Y 165446 137 S 2058+41 982 *
 POINT PT 293 X 2079750 779 Y 168811 229 S 2095+12 919 ***
 POINT PI 293 X 2081253 750 Y 167409 100 S 2078+97 435 * *

CURVE 294 TYPE C CURVE POINTS

POINT CC 294 X 2077106 626 Y 173516 756 S ** ** * *****
 POINT PC 294 X 2075989 929 Y 172319 746 S 2146+56 234 * *****
 POINT PT 294 X 2075471 134 Y 173587 535 S 2160+69 551 ***** *
 POINT PI 294 X 2075438 530 Y 172834 150 S 2154+10 324 *****

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