DETAILED FLOODWALL ALIGNMENT VIC. P.S. #6 A0000667

Run #1

```
10 COMMENT
20 PT 663 IS STARTING POINT ; STA 113+77.04; WEST SIDE
30 SKIP
40 2
50 COMMENT
60 PTS 100 THRU 199; WALL LINE STAS. ON WEST SIDE
70 SKIP
80 2
90 COMMENT
100 POINT 200 IS STA. 118+14.16 W/L ON EAST SIDE
110 SKIP
120 2
130 COMMENT
140 PTS 200 THRU 299, WALL LINE STAS. ON EAST SIDE
150 SKIP
160 2
200 CLEAR
210 1 999
220 STORE
230 1
240 633 0.0 0.0
300 L/A
305 633 200 238.7 273 56 26
310 633 101 550.0 03 56 26
320 101 102 67.71 358 05 27
330 102 103 38.79 04 08 47
340 103 104 235.32 22 08 47
350 104 105 30.75 352 18 47
360 105 106 11.13 82 18 47
370 106 107 36.4 22 08 47
380 107 108 55.51 337 08 47
390 108 109 34.50 292 08 47
400 109 110 10.33 202 08 47
410 110 111 32.57 292 08 47
420 111 112 10.58 202 08 47
430 112 113 32.57 292 08 47
440 113 114 5.33 202 08 47
450 114 115 6 269 31 35
460 115 116 19.25 202 08 47
470 116 117 87.269 31 35
480 117 118 48.5 359 31 35
485 118 119 22.5 269 31 35
490 119 502 100 359 31 35
510 102 700 7 94 08 47
520 700 701 183.45 4 08 47
530 701 702 256.98 274 08 47
540 702 703 100 184 08 47
550 702 704 105.96 274 08 47
560 704 705 300 4 08 47
565 200 725 800 3 56 26
600 L/L
610 702 703 810 43
620 702 703 811 14
630 702 704 812 36
640 705 704 813 200
650 705 704 814 100
660 705 704 815 77
670 705 704 816 57
675 700 701 730 83,45
700 L/A
```

```
710 010 210 8 94 08 47
720 811 211 23 274 08 47
730 812 212 11 4 08 47
740 813 213 54 94 08 47
750 814 214 45.6 94 08 47
760 815 215 70 94 08 47
770 816 216 70 94 08 47
775 730 735 300 274 08 47
780 216 501 200 89 31 35
785 P/I
790 201 730 735 200 725
795 120 216 501 119 502
800 I/A
810 200 210
815 200 201
817 201 210
820 210 211
830 211 212
840 212 213
850 213 214
860 214 215
870 215 216
880 118 119
885 119 120
887 120 216
890 633 200
900 END
```

Ø

```
ANGLE DATA CONVENTIONS --
   QUADRANTS    1 = NE    2 = SE    3 = SW    4 = NW
   SIGN = + TO RIGHT, - TO LEFT
   SELECT AN OPTION DEFINING AZIMUTHS ( 1=POSITIVE CLOCKWISE
   FROM SOUTH, 2=POSITIVE CLOCKWISE FROM NORTH)
=1

EXPONENT OVERFLOW, EXPONENT UNDERFLOW, AND DIVIDE CHECK MESSAGES
PROBABLY INDICATE INCOMPLETE DATA.

ENTER THE DATA FILE NAME.(EG: C:FNAME.EXT):
=A:PMPST6
<CR>

<CR>

COMMENT
20 PT 663 IS STARTING POINT ; STA 113+77.04; WEST SIDE
SKIP


COMMENT
60 PTS 100 THRU 199; WALL LINE STAS. ON WEST SIDE
SKIP


COMMENT
100 POINT 200 IS STA. 118+14.16 W/L ON EAST SIDE
SKIP


COMMENT
140 PTS 200 THRU 299, WALL LINE STAS. ON EAST SIDE
SKIP


<CR>

CLEAR

BETWEEN POINTS      1   AND    999
STORE
L/A
LOCATE/AZI
  633    200         238.7000    273     56    26.0
PT.    200      Y=         -16.4038      X=         238.1357
L/A
LOCATE/AZI
  633    101         550.0000      3     56    26.0
PT.    101      Y=        -548.6997      X=         -37.7969
L/A
LOCATE/AZI
  101    102          67.7100    358      5    27.0
PT.    102      Y=        -616.3721      X=         -35.5411
<CR>

L/A
LOCATE/AZI
  102    103          38.7900      4      8    47.0
PT.    103      Y=        -655.0606      X=         -38.3458
L/A
LOCATE/AZI
```

```
  103   104        235.3200    22      8    47.0
PT.   104      Y=      -873.0196      X=      -127.0554
L/A
LOCATE/AZI
  104   105         30.7500   352     18    47.0
PT.   105      Y=      -903.4932      X=      -122.9423
L/A
LOCATE/AZI
  105   106         11.1300    82     18    47.0
PT.   106      Y=      -904.9820      X=      -133.9722
<CR>

L/A
LOCATE/AZI
  106   107         36.4000    22      8    47.0
PT.   107      Y=      -938.6965      X=      -147.6941
L/A
LOCATE/AZI
  107   108         55.5100   337      8    47.0
PT.   108      Y=      -989.8490      X=      -126.1352
L/A
LOCATE/AZI
  108   109         34.5000   292      8    47.0
PT.   109      Y=     -1002.8546      X=       -94.1805
L/A
LOCATE/AZI
  109   110         10.3300   202      8    47.0
PT.   110      Y=      -993.2867      X=       -90.2864
<CR>

L/A
LOCATE/AZI
  110   111         32.5700   292      8    47.0
PT.   111      Y=     -1005.5648      X=       -60.1193
L/A
LOCATE/AZI
  111   112         10.5800   202      8    47.0
PT.   112      Y=      -995.7653      X=       -56.1309
L/A
LOCATE/AZI
  112   113         32.5700   292      8    47.0
PT.   113      Y=     -1008.0434      X=       -25.9638
L/A
LOCATE/AZI
  113   114          5.3300   202      8    47.0
PT.   114      Y=     -1003.1066      X=       -23.9545
<CR>

L/A
LOCATE/AZI
  114   115          6.0000   269     31    35.0
PT.   115      Y=     -1003.0570      X=       -17.9547
L/A
LOCATE/AZI
  115   116         19.2500   202      8    47.0
PT.   116      Y=      -985.2272      X=       -10.6979
L/A
LOCATE/AZI
  116   117         87.0000   269     31    35.0
PT.   117      Y=      -984.5080      X=        76.2991
L/A
LOCATE/AZI
  117   118         48.5000   359     31    35.0
PT.   118      Y=     -1033.0064      X=        76.7000
<CR>
```

```
L/A
LOCATE/AZI
  118   119          22.5000   269     31    35.0
PT.   119      Y=     -1032.8204      X=          99.1992
L/A
LOCATE/AZI
  119   502         100.0000   359     31    35.0
PT.   502      Y=     -1132.8170      X=         100.0258
L/A
LOCATE/AZI
  102   700           7.0000    94      8    47.0
PT.   700      Y=      -615.8660      X=         -42.5228
L/A
LOCATE/AZI
  700   701         183.4500     4      8    47.0
PT.   701      Y=      -798.8358      X=         -55.7871
<CR>

L/A
LOCATE/AZI
  701   702         256.9800   274      8    47.0
PT.   702      Y=      -817.4167      X=         200.5203
L/A
LOCATE/AZI
  702   703         100.0000   184      8    47.0
PT.   703      Y=      -717.6785      X=         207.7508
L/A
LOCATE/AZI
  702   704         105.9600   274      8    47.0
PT.   704      Y=      -825.0782      X=         306.2029
L/A
LOCATE/AZI
  704   705         300.0000     4      8    47.0
PT.   705      Y=     -1124.2929      X=         284.5114
<CR>

L/A
LOCATE/AZI
  200   725         800.0000     3     56    26.0
PT.   725      Y=      -814.5125      X=         183.1585
L/L
LOCATE/LIN
  702   703   810          43.0000
PT.   810      Y=      -774.5293      X=         203.6294
L/L
LOCATE/LIN
  702   703   811          14.0000
PT.   811      Y=      -803.4534      X=         201.5325
L/L
LOCATE/LIN
  702   704   812          36.0000
PT.   812      Y=      -820.0197      X=         236.4260
<CR>

L/L
LOCATE/LIN
  705   704   813         200.0000
PT.   813      Y=      -924.8164      X=         298.9724
L/L
LOCATE/LIN
  705   704   814         100.0000
PT.   814      Y=     -1024.5547      X=         291.7419
L/L
LOCATE/LIN
  705   704   815          77.0000
PT.   815      Y=     -1047.4845      X=         289.0700
```

```
PT.   816
L/L
LOCATE/LIN
  705   704   816          57.0000
PT.   816      Y=      -1067.4421      X=         288.6328
<CR>

L/L
LOCATE/LIN
  700   701   730          83.4500
PT.   730      Y=       -699.0976      X=         -48.5566
L/A
LOCATE/AZI
  810   210          8.0000    94     8    47.0
PT.   210      Y=       -773.9509      X=         195.6503
L/A
LOCATE/AZI
  811   211         23.0000   274     8    47.0
PT.   211      Y=       -805.1164      X=         224.4723
L/A
LOCATE/AZI
  812   212         11.0000     4     8    47.0
PT.   212      Y=       -830.9909      X=         235.6307
<CR>

L/A
LOCATE/AZI
  813   213         54.0000    94     8    47.0
PT.   213      Y=       -920.9120      X=         245.1138
L/A
LOCATE/AZI
  814   214         45.6000    94     8    47.0
PT.   214      Y=      -1021.2576      X=         246.2613
L/A
LOCATE/AZI
  815   215         70.0000    94     8    47.0
PT.   215      Y=      -1042.4331      X=         220.2621
L/A
LOCATE/AZI
  816   216         70.0000    94     8    47.0
PT.   216      Y=      -1062.3808      X=         218.8160
<CR>

L/A
LOCATE/AZI
  730   735        300.0000   274     8    47.0
PT.   735      Y=       -720.7890      X=         250.6582
L/A
LOCATE/AZI
  216   501        200.0000    89    31    35.0
PT.   501      Y=      -1064.0340      X=          18.8228
P/I
POINTS/INT
  201   730   735   200   725
PT.   201      Y=       -716.3857      X=         189.9179
P/I
POINTS/INT
  120   216   501   119   502
PT.   120      Y=      -1063.3675      X=          99.4517
<CR>

I/A
INVERSE/AZ
FROM  200 TO  210, DIST =        758.7375
AZIMUTH =     3  12  35.8
I/A
```

```
FROM  200 TO  201, DIST =       701.6407
AZIMUTH =    3  56  26.0
I/A
INVERSE/AZ
FROM  201 TO  210, DIST =        57.8499
AZIMUTH =  354  18  47.2
I/A
INVERSE/AZ
FROM  210 TO  211, DIST =        42.4500
AZIMUTH =  317  14  14.0
<CR>

I/A
INVERSE/AZ
FROM  211 TO  212, DIST =        28.1780
AZIMUTH =  336  40  19.0
I/A
INVERSE/AZ
FROM  212 TO  213, DIST =        90.4197
AZIMUTH =  353  58  47.4
I/A
INVERSE/AZ
FROM  213 TO  214, DIST =       100.3522
AZIMUTH =  359  20  41.4
I/A
INVERSE/AZ
FROM  214 TO  215, DIST =        33.5315
AZIMUTH =   50  50  17.4
<CR>

I/A
INVERSE/AZ
FROM  215 TO  216, DIST =        20.0000
AZIMUTH =    4   8  47.0
I/A
INVERSE/AZ
FROM  118 TO  119, DIST =        22.5000
AZIMUTH =  269  31  35.0
I/A
INVERSE/AZ
FROM  119 TO  120, DIST =        30.5481
AZIMUTH =  359  31  35.0
I/A
INVERSE/AZ
FROM  120 TO  216, DIST =       119.3683
AZIMUTH =  269  31  35.0
<CR>

I/A
INVERSE/AZ
FROM  633 TO  200, DIST =       238.7000
AZIMUTH =  273  56  26.0
END
DO YOU HAVE MORE DATA TO RUN?
(0 NO, 1 YES )
=
```

Revised - FLOODWALL ALIGNMENT
VIC - PS-6
Run #2

PSWALL\

```
10 CLEAR
20 1 999
30 STORE
40 7
50 15 -985.2272 -10.6979
60 16 -984.5080 76.2991
70 213 -920.9120 245.1138
80 214 -1021.2576 246.2613
90 212 -830.9909 235.6307
100 211 -805.1164 224.4723
110 210 -773.9509 195.6503
120 L/A
130 16 17 13.5 359 31 35
135 17 18 9.5 269 31 35
140 18 19 11 269 31 35
150 19 20 6 179 31 45
160 20 21 134.875 269 31 35
170 21 22 13 359 31 35
180 22 23 2 352 59 23
190 I/A
200 15 16
210 16 17
220 17 18
230 18 19
240 19 20
250 20 21
260 21 22
270 22 23
280 23 214
290 214 213
280 213 212
290 212 211
300 211 210
310 END
```

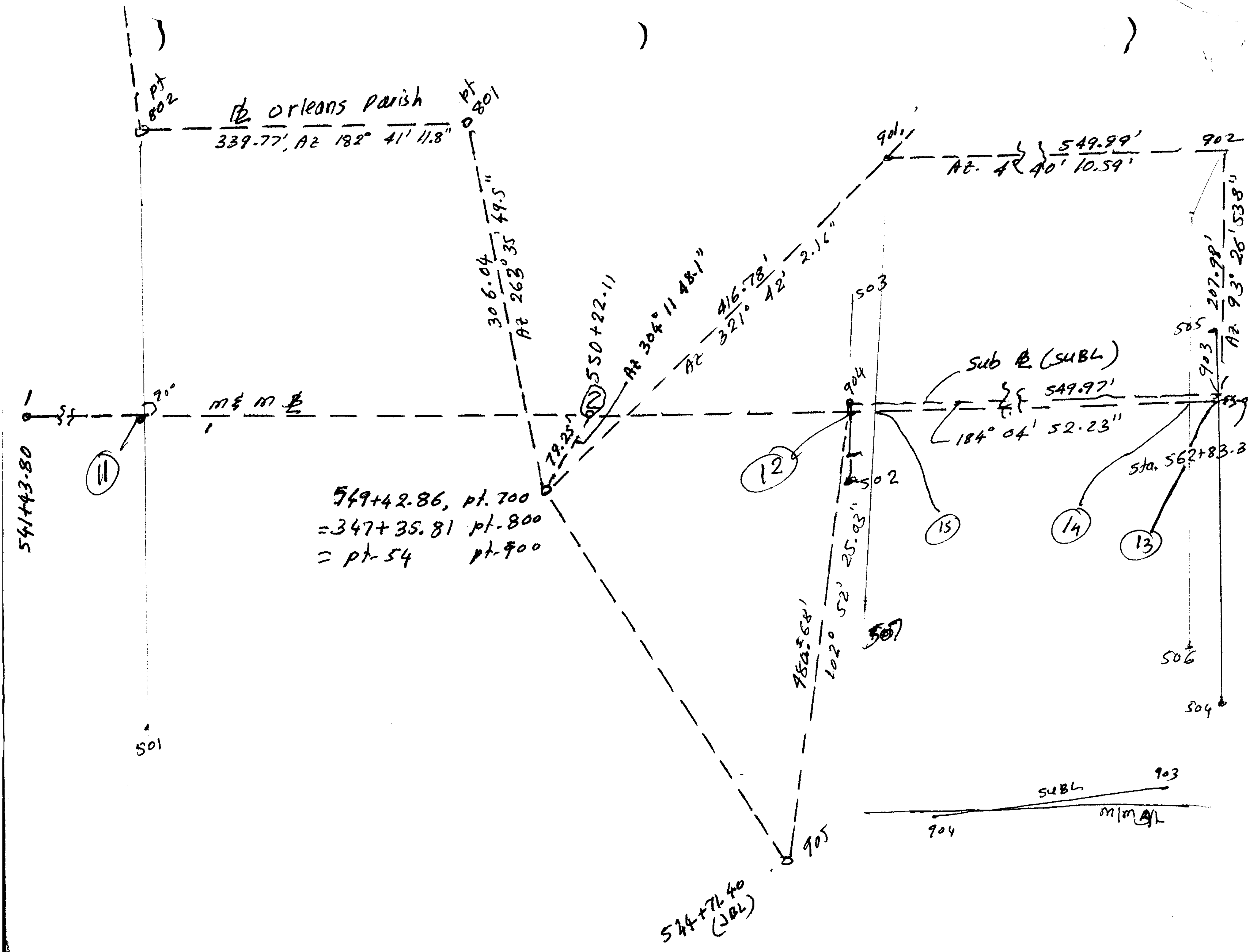
pt. #15 = pt. 116 (Run #1)
pt. #16 = pt #117 (Run #1)

pts from Run #1

```
Write fault error writing device PRN
Abort, Retry, Ignore? I
E
                          ************************************
                          *  CORPS PROGRAM  #  U0002         *
                          *  MICRO VERSION  # 87/09/09-A     *
                          ************************************


PROGRAM GCOGO -- USAE WATERWAYS EXPERIMENT STATION-- 11:50:24    --08-04-88
                      - CORPS SYSTEM PROGRAM U0002 -
COORDINATE GEOMETRY ANALYSIS PROGRAM  733-F3-R0 002   REVISED MAR 1988

DATA INPUT FORM --
 ENTER 0 IF FROM A DISK DATA FILE
    OR 1 IF IN RESPONSE TO QUESTIONS FROM THE TERMINAL

=0


ANGLE DATA CONVENTIONS --
   QUADRANTS   1 = NE   2 = SE   3 = SW   4 = NW
   SIGN = + TO RIGHT, - TO LEFT
   SELECT AN OPTION DEFINING AZIMUTHS ( 1=POSITIVE CLOCKWISE
   FROM SOUTH, 2=POSITIVE CLOCKWISE FROM NORTH)
=1
<CR>


EXPONENT OVERFLOW, EXPONENT UNDERFLOW, AND DIVIDE CHECK MESSAGES
PROBABLY INDICATE INCOMPLETE DATA.

ENTER THE DATA FILE NAME.(EG: C:FNAME.EXT):
=RSPSWALL

CLEAR

BETWEEN POINTS      1  AND   999

STORE

L/A

LOCATE/AZI
   16    17         13.5000   359    31   35.0
PT.    17     Y=       -998.0075     X=        76.4107

L/A

LOCATE/AZI
<CR>

   17    18          9.5000   269    31   35.0
PT.    18     Y=       -997.9290     X=        85.9104

L/A

LOCATE/AZI
   18    19         11.0000   269    31   35.0
```

```
PT.    19    Y=        -997.8381      X=          96.9100

L/A

LOCATE/AZI
   19    20          6.0000   179    31   45.0
PT.    20     Y=        -991.8383      X=          96.8607

L/A

LOCATE/AZI
   20    21        134.8750   269    31   35.0
PT.    21     Y=        -990.7234      X=         231.7311

L/A
<CR>


LOCATE/AZI
   21    22         13.0000   359    31   35.0
PT.    22     Y=       -1003.7229      X=         231.8385

L/A

LOCATE/AZI
   22    23          2.0000   352    59   23.0
PT.    23     Y=       -1005.7080      X=         232.0826

I/A

INVERSE/AZ
FROM   15 TO   16, DIST =          87.0000
AZIMUTH =  269  31  34.8

I/A

INVERSE/AZ
FROM   16 TO   17, DIST =          13.5000
AZIMUTH =  359  31  35.0
<CR>


I/A

INVERSE/AZ
FROM   17 TO   18, DIST =           9.5000
AZIMUTH =  269  31  35.0

I/A

INVERSE/AZ
FROM   18 TO   19, DIST =          11.0000
AZIMUTH =  269  31  35.0

I/A

INVERSE/AZ
FROM   19 TO   20, DIST =           6.0000
AZIMUTH =  179  31  45.0
```

```
I/A

INVERSE/AZ
<CR>

FROM   20 TO   21, DIST =        134.8750
AZIMUTH =  269  31  35.0

I/A

INVERSE/AZ
FROM   21 TO   22, DIST =         13.0000
AZIMUTH =  359  31  35.0

I/A

INVERSE/AZ
FROM   22 TO   23, DIST =          2.0000
AZIMUTH =  352  59  23.0

I/A

INVERSE/AZ
FROM   23 TO  214, DIST =         21.0434
AZIMUTH =  317  38  25.3

I/A
<CR>


INVERSE/AZ
FROM  214 TO  213, DIST =        100.3522
AZIMUTH =  179  20  41.4

I/A

INVERSE/AZ
FROM  213 TO  212, DIST =         90.4198
AZIMUTH =  173  58  47.4

I/A

INVERSE/AZ
FROM  212 TO  211, DIST =         28.1780
AZIMUTH =  156  40  18.6

I/A

INVERSE/AZ
FROM  211 TO  210, DIST =         42.4499
AZIMUTH =  137  14  13.9
<CR>


END
DO YOU HAVE MORE DATA TO RUN?
(0 NO, 1 YES )
=0
END GCOGO
```



pt 802
℄ Orleans Parish
339.77', Az 182° 41' 11.8"
pt 801
306.04
Az 263° 35' 49.5"
901
Az. 4° 40' 10.59'
549.99'
902
550+22.11
Az 304° 11' 48.1"
416.78'
Az 321° 42' 2.16"
503
505
207.98'
Az 93° 26' 53.8"
903
Sub ℄ (SUBL)
549.97'
184° 04' 52.23"
904
M & M ℄
90°
541+43.80
79.25'
549+42.86, pt. 700
=347+35.81 pt. 800
= pt. 54 pt. 900
502
Sta. 562+83.3
460.68'
102° 52' 25.03"
507
506
504
501
905
544+71.40 (JBL)
SUBL
903
904
M|M BL

```
TYPE B:ALIGN2
10 COMMENT
20 PTS 1 THRU 300 M/M B/L (MBL)
30 SKIP
40 2
50 COMMENT
60 PTS 700 THRU 799 JEFF LK. FT. B/L (JBL)
70 SKIP
80 2
90 COMMENT
100 PTS 800 THRU 899 ORL PAR LK FT B/L (OBL)
110 SKIP
120 2
130 COMMENT
140 PTS 900 THRU 999 SUB B/L BUTTERFLY STR (SUB BL)
150 SKIP
160 2
170 COMMENT
180 PT 2 STA 550+22.11(MBL); PT 1 STA 541+43.80(MBL)
190 SKIP
200 2
210 COMMENT
220 PT700=800=900 STA 549+42.86(JBL)=347+35.81(OBL)=PT.54(SUBBL)
230 SKIP
240 3
250 CLEAR
260 1 999
270 STORE
280 3
290 700 0 0
300 800 0 0
310 900 0 00
320 L/A
330 700 2 79.25 304 11 48.1
340 2 1 378.31 184 47 31.3
350 2 3 1261.19 4 18 08
360 800 801 306.04 263 35 49.5
370 801 802 339.770 182 41 11.8
380 900 901 416.78 321 42 2.16
390 901 902 549.99 4 40 10.59
400 902 903 207.98 93 26 53.8
410 903 904 549.97 184 04 52.23
420 904 905 480.68 102 52 25.03
500 802 501 500 94 47 31.3
510 904 502 100 94 18 08
520 904 503 100 274 18 08
530 903 504 100 94 18 08
540 903 505 100 274 18 08
550 902 506 500 94 18 08
555 901 507 500 94 18 08
600 P/I
610 11 2 1 501 802
620 12 2 3 503 502
630 13 2 3 504 505
640 14 2 3 902 506
645 15 2 3 901 507
700 I/A
710 1 11
720 11 2
730 11 802
```

```
740 2 12
750 2 13
760 2 14
765 2 15
770 END

A:\>
```

```
GCOGO

A:\>ECHO OFF
Cannot find U0002.EXE
Please enter new program spec: A:
                          ********************************
                          *  CORPS PROGRAM  #  U0002     *
                          *  MS-FORTRAN 77  # 86/01/01   *
                          ********************************


PROGRAM GCOGO -- USAE WATERWAYS EXPERIMENT STATION-- 07:58:59    --08-10-87
                      - CORPS SYSTEM PROGRAM U0002 -
COORDINATE GEOMETRY ANALYSIS PROGRAM  733-F3-R0 002   REVISED NOV 1981

DATA INPUT FORM --
 ENTER 0 IF FROM A DISK DATA FILE
    OR 1 IF IN RESPONSE TO QUESTIONS FROM THE TERMINAL

=0


ANGLE DATA CONVENTIONS --
   QUADRANTS    1 = NE    2 = SE    3 = SW    4 = NW
   SIGN = + TO RIGHT, - TO LEFT
   SELECT AN OPTION DEFINING AZIMUTHS ( 1=POSITIVE CLOCKWISE
   FROM SOUTH, 2=POSITIVE CLOCKWISE FROM NORTH)
=1

EXPONENT OVERFLOW, EXPONENT UNDERFLOW, AND DIVIDE CHECK MESSAGES
PROBABLY INDICATE INCOMPLETE DATA.

ENTER THE DATA FILE NAME.(EG: C:FNAME.EXT):
=ALIGN2
<CR>

<CR>

COMMENT
20 PTS 1 THRU 300 M/M B/L (MBL)
SKIP


COMMENT
60 PTS 700 THRU 799 JEFF LK. FT. B/L (JBL)
SKIP


COMMENT
100 PTS 800 THRU 899 ORL PAR LK FT B/L (OBL)
SKIP


COMMENT
140 PTS 900 THRU 999 SUB B/L BUTTERFLY STR (SUB BL)
SKIP


<CR>
```

```
COMMENT
180 PT 2 STA 550+22.11(MBL); PT 1 STA 541+43.80(MBL)
SKIP


COMMENT
220 PT700=800=900 STA 549+42.86(JBL)=347+35.81(OBL)=PT.54(SUBBL)
SKIP



CLEAR

BETWEEN POINTS      1   AND    999
STORE
L/A
LOCATE/AZI
  700      2          79.2500    304     11    48.1
PT.       2      Y=        -44.5413      X=          65.5487
<CR>

L/A
LOCATE/AZI
    2      1         378.3100    184     47    31.3
PT.       1      Y=         332.4463      X=          97.1524
L/A
LOCATE/AZI
    2      3        1261.1900      4     18     8.0
PT.       3      Y=      -1302.1776      X=         -29.0626
L/A
LOCATE/AZI
  800    801         306.0400    263     35    49.5
PT.    801       Y=          34.1295      X=         304.1310
L/A
LOCATE/AZI
  801    802         339.7700    182     41    11.8
PT.    802       Y=         373.5260      X=         320.0570
<CR>

L/A
LOCATE/AZI
  900    901         416.7800    321     42     2.2
PT.    901       Y=        -327.0818      X=         258.3081
L/A
LOCATE/AZI
  901    902         549.9900      4     40    10.6
PT.    902       Y=        -875.2462      X=         213.5335
L/A
LOCATE/AZI
  902    903         207.9800     93     26    53.8
PT.    903       Y=        -862.7367      X=           5.9300
L/A
LOCATE/AZI
  903    904         549.9700    184      4    52.2
PT.    [redacted]  Y=        -314.1613      X=          45.0712
<CR>

L/A
LOCATE/AZI
```

```
  904   905        480.6800   102     52   25.0
PT.   905      Y=      -207.0652      X=      -423.5264
L/A
LOCATE/AZI
  802   501        500.0000    94     47   31.3
PT.   501      Y=       415.2956      X=      -178.1952
L/A
LOCATE/AZI
  904   502        100.0000    94     18    8.0
PT.   502      Y=      -306.6596      X=       -54.6470
L/A
LOCATE/AZI
  904   503        100.0000   274     18    8.0
PT.   503      Y=      -321.6630      X=       144.7894
<CR>

L/A
LOCATE/AZI
  903   504        100.0000    94     18    8.0
PT.   504      Y=      -855.2350      X=       -93.7882
L/A
LOCATE/AZI
  903   505        100.0000   274     18    8.0
PT.   505      Y=      -870.2384      X=       105.6483
L/A
LOCATE/AZI
  902   506        500.0000    94     18    8.0
PT.   506      Y=      -837.7375      X=      -285.0576
L/A
LOCATE/AZI
  901   507        500.0000    94     18    8.0
PT.   507      Y=      -289.5730      X=      -240.2830
<CR>

P/I
POINTS/INT
   11     2     1   501   802
PT.    11      Y=       391.7955      X=       102.1278
P/I
POINTS/INT
   12     2     3   503   502
PT.    12      Y=      -314.1758      X=        45.2643
P/I
POINTS/INT
   13     2     3   504   505
PT.    13      Y=      -862.5920      X=         4.0072
P/I
POINTS/INT
   14     2     3   902   506
PT.    14      Y=      -859.5011      X=         4.2397
<CR>

P/I
POINTS/INT
   15     2     3   901   507
PT.    15      Y=      -311.0722      X=        45.4977
L/A
INVERSE/AZ
FROM    1 TO   11, DIST =        59.5574
AZIMUTH =  184  47  31.3
```

```
I/A
INVERSE/AZ
FROM    11 TO     2, DIST =        437.8674
AZIMUTH =     4   47   31.3
I/A
INVERSE/AZ
FROM    11 TO   802, DIST =        218.6937
AZIMUTH =   274   47   31.3
<CR>

I/A
INVERSE/AZ
FROM     2 TO    12, DIST =        270.3964
AZIMUTH =     4   18    8.0
I/A
INVERSE/AZ
FROM     2 TO    13, DIST =        820.3623
AZIMUTH =     4   18    8.0
I/A
INVERSE/AZ
FROM     2 TO    14, DIST =        817.2627
AZIMUTH =     4   18    8.0
I/A
INVERSE/AZ
FROM     2 TO    15, DIST =        267.2840
AZIMUTH =     4   18    8.0
<CR>

END
DO YOU HAVE MORE DATA TO RUN?
(0 NO, 1 YES )
=
```