



| PROP. CURVE PR_EXCH-1 | PROP. CURVE PR_EXCH-2 | PROP. CURVE PR_EXCH-3 | PROP. CURVE PR_EXCH-4 |
|-----------------------|-----------------------|-----------------------|-----------------------|
| PI STA. = 54+74.60    | PI STA. = 56+08.70    | PI STA. = 61+38.48    | PI STA. = 63+41.56    |
| N = 14,045,142.47     | N = 14,045,020.53     | N = 14,044,643.41     | N = 14,044,566.30     |
| E = 2,454,061.46      | E = 2,454,120.34      | E = 2,454,494.18      | E = 2,454,685.10      |
| Δ = 19° 27' 04" (RT)  | Δ = 18° 58' 37" (LT)  | Δ = 23° 15' 21" (LT)  | Δ = 23° 17' 01" (RT)  |
| D = 14° 19' 26"       | D = 14° 19' 26"       | D = 11° 27' 33"       | D = 11° 27' 33"       |
| R = 400.00'           | R = 400.00'           | R = 500.00'           | R = 500.00'           |
| T = 68.56'            | T = 66.85'            | T = 102.89'           | T = 103.02'           |
| L = 135.80'           | L = 132.48'           | L = 202.95'           | L = 203.19'           |
| E = 5.83'             | E = 5.55'             | E = 10.48'            | E = 10.50'            |
| e = NC                | e = NC                | e = NC                | e = NC                |
| T.R. = N/A            | T.R. = N/A            | T.R. = N/A            | T.R. = N/A            |
| S.E. RUN = N/A        | S.E. RUN = N/A        | S.E. RUN = N/A        | S.E. RUN = N/A        |
| P.C. STA. = 54+06.05  | P.C. STA. = 55+41.84  | P.C. STA. = 60+35.60  | P.C. STA. = 62+38.54  |
| N = 14,045,190.75     | N = 14,045,080.73     | N = 14,044,716.48     | N = 14,044,604.88     |
| E = 2,454,012.79      | E = 2,454,091.27      | E = 2,454,421.75      | E = 2,454,589.58      |
| P.T. STA. = 55+41.84  | P.T. STA. = 56+74.32  | P.T. STA. = 62+38.54  | P.T. STA. = 64+41.73  |
| N = 14,045,080.73     | N = 14,044,973.05     | N = 14,044,604.88     | N = 14,044,493.11     |
| E = 2,454,091.27      | E = 2,454,167.40      | E = 2,454,589.58      | E = 2,454,757.59      |

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| EXIST. CURVE EX_PACK-1<br>PI STA. = 5+46.59<br>N = 14,044,271.33<br>E = 2,452,848.31<br>Δ = 34° 45' 10" (LT)<br>D = 69° 52' 22"<br>R = 82.00'<br>T = 25.66'<br>L = 49.74'<br>E = 3.92'<br>e = NC<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 5+20.93<br>N = 14,044,253.23<br>E = 2,452,830.12<br>P.T. STA. = 5+70.67<br>N = 14,044,296.57<br>E = 2,452,852.95 | EXIST. CURVE EX_PACK-2<br>PI STA. = 8+25.54<br>N = 14,044,547.24<br>E = 2,452,898.99<br>Δ = 35° 17' 45" (RT)<br>D = 25° 41' 35"<br>R = 223.00'<br>T = 70.95'<br>L = 137.37'<br>E = 11.01'<br>e = NC<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 7+54.59<br>N = 14,044,477.46<br>E = 2,452,886.18<br>P.T. STA. = 8+91.97<br>N = 14,044,596.78<br>E = 2,452,949.77 | EXIST. CURVE PR_FRM-1<br>PI STA. = 203+98.82<br>N = 14,043,389.71<br>E = 2,453,993.69<br>Δ = 21° 17' 53" (RT)<br>D = 33° 42' 12"<br>R = 170.00'<br>T = 31.97'<br>L = 63.19'<br>E = 2.98'<br>e = NC<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 203+66.85<br>N = 14,043,358.96<br>E = 2,454,002.42<br>P.T. STA. = 204+30.04<br>N = 14,043,421.53<br>E = 2,453,996.72 | EXIST. CURVE PR_FRM-2<br>PI STA. = 205+53.89<br>N = 14,043,544.82<br>E = 2,454,008.47<br>Δ = 50° 25' 03" (LT)<br>D = 40° 55' 32"<br>R = 140.00'<br>T = 65.91'<br>L = 123.19'<br>E = 14.74'<br>e = NC<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 204+87.99<br>N = 14,043,479.21<br>E = 2,454,002.22<br>P.T. STA. = 206+11.18<br>N = 14,043,591.44<br>E = 2,453,961.89 | EXIST. CURVE PR_FRM-3<br>PI STA. = 213+12.27<br>N = 14,044,087.40<br>E = 2,453,446.35<br>Δ = 90° 25' 14" (RT)<br>D = 63° 39' 43"<br>R = 90.00'<br>T = 90.66'<br>L = 142.03'<br>E = 37.75'<br>e = NC<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 212+21.61<br>N = 14,044,023.26<br>E = 2,453,530.43<br>P.T. STA. = 213+63.64<br>N = 14,044,151.01<br>E = 2,453,530.96 | PROP. CURVE I7004<br>PI STA. = 186+31.10<br>N = 14,043,689.47<br>E = 2,453,843.21<br>Δ = 7° 39' 48" (LT)<br>D = 1° 17' 13"<br>R = 4,452.50'<br>T = 298.21'<br>L = 595.53'<br>E = 9.98'<br>e = 3.3%<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 183+32.89<br>N = 14,043,929.00<br>E = 2,453,665.57<br>P.T. STA. = 189+28.42<br>N = 14,043,475.78<br>E = 2,454,051.21 | PROP. CURVE ST_CLR-5<br>PI STA. = 83+86.24<br>N = 14,042,825.09<br>E = 2,454,249.99<br>Δ = 11° 54' 06" (LT)<br>D = 11° 27' 33"<br>R = 500.00'<br>T = 52.12'<br>L = 103.86'<br>E = 2.71'<br>e = NC<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 83+34.12<br>N = 14,042,787.95<br>E = 2,454,286.56<br>P.T. STA. = 84+37.98<br>N = 14,042,853.89<br>E = 2,454,206.55 | PROP. CURVE ST_CLR-6<br>PI STA. = 84+88.85<br>N = 14,042,881.99<br>E = 2,454,164.16<br>Δ = 11° 37' 06" (RT)<br>D = 11° 27' 33"<br>R = 500.00'<br>T = 50.87'<br>L = 101.39'<br>E = 2.58'<br>e = NC<br>T.R. = N/A<br>S.E. RUN = N/A<br>P.C. STA. = 84+37.98<br>N = 14,042,853.89<br>E = 2,454,206.55<br>P.T. STA. = 85+39.37<br>N = 14,042,918.06<br>E = 2,454,128.29 |
|--|---|--|--|---|--|---|---|

MATCH LINE STA. 119+50 SEE SHEET 18

MATCH LINE STA. 160+00 SEE SHEET 18

STA. 65+00 (BY OTHERS)

\D:\CONV-99-MOTIFL.DGN, \D:\CONV-99-BORDER.DGN, \D:\CONV-99-LAYOUT.DGN, \D:\CONV-99-ALIGNMENT.DGN, \D:\CONV-99-SHT-ALIGNMENT.DGN, \D:\CONV-99-SHT-ALIGNMENT.DGN  
 6-23-2010, 14:46:29 BONDHUO \S:\0844\AM\VAULT\TRANS\27222\28668-001\CIVIL\CAD\99 ALL CONTRACTS\CONNSHEETS CONTRACT 05\05\05\CONV-99-SHT-ALIGNMENT.DGN

|             |                      |                 |           |  |  |                 |                     |                  |   |              |  |
|-------------|----------------------|-----------------|-----------|--|--|-----------------|---------------------|------------------|---|--------------|--|
| FILE NAME = | USER NAME = #USER#   | DESIGNED - JB   | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b><br>I-70 CONNECTION | <b>ALIGNMENTS, TIES &amp;</b><br><b>BENCHMARKS 2</b> | F.A.P. RTE. 998 | SECTION 82-2-IHVB   | COUNTY ST. CLAIR | TOTAL SHEETS 285                              | SHEET NO. 19 |  |
| #FILEL#     | PLOT SCALE = #SCALE# | DRAWN - JB      | REVISED - |  |  | SCALE: 1"=200'  | SHEET NO. OF SHEETS | STA. TO STA.     | CONTRACT NO. 76C44                            |              |  |
|             | PLOT DATE = #DATE#   | CHECKED - ACL   | REVISED - |  |  |                 |                     |                  | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |              |  |
|             |                      | DATE - 06/04/10 | REVISED - |  |  |                 |                     |                  |   |              |  |

