



**BENCH MARKS**

| POINT | NORTH        | EAST         | ELEVATION | CHAIN  | STATION   | OFFSET      | DESCRIPTION                                    |
|-------|--------------|--------------|-----------|--------|-----------|-------------|--|
| 402   | 2109665.6970 | 2207495.0330 | 635.4510  | WBUS20 | 470+42.42 | 47.5805' RT | CHISELED SQUARE E HEADWALL AT MEDIAN CROSSOVER |
| 423   | 2109209.7360 | 2209554.8382 | 687.3219  | WBUS20 | 491+75.76 | 91.8053' LT | DISK IN CONCRETE                               |
| 424   | 2109233.9940 | 2208588.6000 | 646.3930  | WBUS20 | 482+15.85 | 17.0701' RT | DISK IN CONCRETE                               |
| 485   | 2109196.8870 | 2208204.2910 | 633.4300  | EBUS20 | 485+83.96 | 19.0057' RT | CHISELED SQUARE IN SW WINGWALL OF EB STRUCTURE |
| 486   | 2108460.1690 | 2212971.0840 | 844.1440  | WBUS20 | 526+70.43 | 60.9016' RT | DISK IN CONCRETE                               |

**REFERENCE TIES**

| POINT | CHAIN  | STATION   | OFFSET      | DESCRIPTION                      |
|-------|--------|-----------|-------------|----------------------------------|
| 528   | WBUS20 | 479+30.12 | 15.7184' RT | CORNER, BRIDGE DECK              |
| 529   | WBUS20 | 479+49.34 | 22.2991' LT | CORNER, BRIDGE DECK              |
| 530   | EBUS20 | 486+09.26 | 15.2921' LT | CORNER, BRIDGE DECK              |
| 535   | EBUS20 | 492+68.04 | 25.5099' RT | END, GUARDRAIL                   |
| 536   | EBUS20 | 492+17.38 | 23.7065' RT | END, GUARDRAIL                   |
| 537   | WBUS20 | 484+79.12 | 27.262' LT  | END, GUARDRAIL                   |
| 538   | WBUS20 | 483+78.91 | 21.0876' RT | END, GUARDRAIL                   |
| 539   | WBUS20 | 470+42.35 | 47.5788' RT | CHISELED SQUARE, BRIDGE HEADWALL |
| 540   | EBUS20 | 476+95.76 | 44.2731' RT | SHINER, TREE DECIDUOUS           |
| 541   | EBUS20 | 477+54.35 | 47.3485' RT | SHINER, TREE DECIDUOUS           |

**CURVE POINT NUMBERS**

| CHAIN  | CURVE | PI   | CC   | PC   | PT   |
|--------|-------|------|------|------|------|
| EBUS20 | 360   | 360  | 361  | 362  | 363  |
| EBUS20 | 370   | 370  | 371  | 372  | 373  |
| EBUS20 | 380   | 380  | 381  | 382  | 383  |
| WBUS20 | 1310  | 1310 | 1311 | 1312 | 1313 |
| WBUS20 | 1320  | 1320 | 1321 | 1322 | 1323 |
| WBUS20 | 1330  | 1330 | 1331 | 1332 | 1333 |
| WBUS20 | 1340  | 1340 | 1341 | 1342 | 1343 |

**SURVEY WORK POINTS**

| POINT | NORTH        | EAST         | ELEVATION | CHAIN  | STATION   | OFFSET      | DESCRIPTION              |
|-------|--------------|--------------|-----------|--------|-----------|-------------|--------------------------|
| 100   | 2109125.2540 | 2208884.2490 | 656.5820  | EBUS20 | 492+69.36 | 33.3969' LT | POC, SET PIN FOR CONTROL |
| 101   | 2109308.6800 | 2208283.7120 | 631.8370  | WBUS20 | 479+04.30 | 20.6151' RT | PIN, SET PIN FOR CONTROL |
| 102   | 2109629.9310 | 2207484.1630 | 640.4353  | EBUS20 | 477+44.86 | 41.0348' LT | PIN, SET PIN FOR CONTROL |

NOTE: SURVEY DATA PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.