

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 9
SURVEY CONTROL POINTS FOR ILLINOIS ROUTE 13
CARBONDALE TO MARION
8/12/2004

| POINT | NORTHING | EASTING | ELEVATION | ALIGNMENT | STATION | OFFSET |
|-----------|---------------|---------------|------------|-----------|---------------|--------------|
| PT T0313 | N 393503.4920 | E 768422.0270 | Z 423.4880 | IL 13 WB | STA=458+85.84 | OFF=35.3395 |
| PT 9405 | N 393613.8560 | E 769237.1610 | Z 442.3550 | IL 13 WB | STA=467+00.06 | OFF=-81.5430 |
| PT T0320 | N 393493.8900 | E 769906.3620 | Z 444.5460 | IL 13 WB | STA=473+70.20 | OFF=33.0648 |
| PT 9889 | N 393542.6200 | E 771068.4630 | Z 449.8570 | IL 13 WB | STA=485+31.88 | OFF=-24.9618 |
| PT 9890 | N 393541.1190 | E 771746.8180 | Z 448.1490 | IL 13 WB | STA=492+10.22 | OFF=-28.8885 |
| PT WP218 | N 393532.9520 | E 772338.5400 | Z 447.6910 | IL 13 WB | STA=498+01.99 | OFF=-25.4562 |
| PT WP217 | N 393524.7030 | E 773528.7860 | Z 449.0750 | IL 13 WB | STA=509+92.27 | OFF=-26.6292 |
| PT T0328 | N 393450.6410 | E 774688.4320 | Z 454.4670 | IL 13 WB | STA=521+52.46 | OFF=38.3919 |
| PT WP216 | N 393503.9060 | E 776235.0160 | Z 464.5640 | IL 13 WB | STA=536+98.58 | OFF=-26.9261 |
| PT WP215 | N 393493.1820 | E 777667.3460 | Z 465.4860 | IL 13 WB | STA=551+30.95 | OFF=-27.3665 |
| PT T0332 | N 393420.1980 | E 778644.6240 | Z 460.0780 | IL 13 WB | STA=561+08.77 | OFF=37.9980 |
| PT WP214 | N 393473.3200 | E 780134.9860 | Z 450.9010 | IL 13 WB | STA=575+98.70 | OFF=-26.4740 |
| PT WP213 | N 393474.5900 | E 781235.1420 | Z 451.9320 | IL 13 WB | STA=586+98.83 | OFF=-34.8359 |
| PT QP3008 | N 393387.6930 | E 783921.0240 | Z 449.3930 | IL 13 WB | STA=613+85.22 | OFF=34.7453 |

NOTE: OFFSETS ARE MEASURED FROM THE CENTERLINE OF ROUTE 13 WESTBOUND

PLEASE NOTE: HORIZONTAL COORDINATE VALUES: ILLINOIS STATE PLANE -EAST ZONE
HORIZONTAL DATUM: NAD 83 (1997 ADJUSTMENT)
REFERENCED ELLIPSOID: WGS 1984; GEOID: GEOID96
VERTICAL DATUM: NAVD 1988

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 9
VERTICAL CONTROL FOR ILLINOIS ROUTE 13
DIVISION STREET TO IL 148
9/9/2004
1988 NAVD

| BENCHMARK | ELEVATION | DESCRIPTION |
|-----------|-----------|--|
| BM10 | 440.60 | CUT SQUARE ON THE SE CORNER OF THE FOUNDATION OF AN ABOVE GROUND SIGNAL CONTROL BOX IN THE NW QUADRANT OF RTE 13 WBL AND DIVISION ST, AT CARTERVILLE 69.05' LEFT OF THE CL OF RTE 13 WBL @ STA.465+73.58 |
| BM11 | 443.04 | CUT SQUARE ON THE TOP CENTER OF THE NORTH HEADWALL OF AN ACROSS ROAD CULVERT, 57.05' LEFT OF THE CL OF RTE 13 WBL @ STA.488+08.33 |
| BM12 | 445.70 | CUT SQUARE ON THE TOP OF THE SOUTH HEADWALL OF A 24" ACROSS ROAD CULVERT, IN THE SW QUADRANT OF RTE 13 EBL AND NORTH WOLF CREEK ROAD, 132.11' RIGHT OF THE CL OF RTE 13 WBL STA.519+39.87 |
| BM13 | 462.77 | CUT SQUARE ON THE TOP OF THE SOUTH HEADWALL OF AN ACROSS ROAD CULVERT, 107.79' RIGHT OF THE CL OF RTE 13 WBL @ STA. 547+28.49 |
| BM14 | 444.68 | CUT SQUARE ON THE TOP OF THE SOUTH HEADWALL OF AN ACROSS ROAD CULVERT, 145.90' RIGHT OF THE CL OF RTE 13 WBL @ STA. 572+12.64 |
| BM15 | 449.12 | CUT SQUARE ON THE TOP OF THE SOUTH HEADWALL OF AN ACROSS ROAD CULVERT, 107.17' RIGHT OF THE CL OF RTE 13 WBL @ STA. 602+31.52 |