

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; GEOIDE: 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