

BENCH MARK DESCRIPTIONS  
AND ELEVATIONS  
ORANGE COUNTY

IFC&WRC TBM P 200

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 26, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 4.7 miles southwest of Greenbrier; 1.2 miles generally east along a gravel road across State Road 145 from the general store at Newton Stewart to a one-span steel pony truss bridge over the Patoka River; set on top of the north steel handrail of the bridge, at the second vertical steel brace of the north truss of the bridge, on top of the most western rivet head of two rivet heads, 61.9 feet east of the west end of the north handrail, 7.0 feet north of the centerline of the road, 2.7 feet above the bridge floor; a filed cross.

Now under Patoka Lake.

523.556 feet NGVD 1929

IFC&WRC BM ORA 5 RESET 1959

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 26, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 4.7 miles southwest of Greenbrier; 1.2 miles generally east along a gravel road across State Road 145 from the general store at Newton Stewart to a one-span steel pony truss bridge over Patoka River; set in top at the north end of the west concrete bridge seat, 8 feet north of the centerline of the road, 1.0 foot below the road, 0.5 foot west of the east face of the west bridge seat; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 5 1954 RESET 1959".

Now under Patoka Lake.

519.564 feet NGVD 1929

IFC&WRC TBM P 166, 1959

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 26, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 4.7 miles southwest of Greenbrier; 1.2 miles generally east along a gravel road across State Road 145 from the general store at Newton Stewart to a one-span steel pony truss bridge over the Patoka River; set in the southeast side of a 48-inch Beech tree, 70 feet east of the east end of the one-span steel pony truss bridge over the Patoka River, 28 feet north of the centerline of the road, 2.4 feet above ground; a railroad spike driven through a brass plate, stamped "TBM P 166 1959".

Now under Patoka Lake.

520.128 feet NGVD 1929

IFC&WRC TBM P 201

In Orange County, Greenbrier Quad., in the SE  $\frac{1}{4}$  of Sec. 22, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 4.5 miles southwest of Greenbrier; about 0.4 mile generally south along State Road 145 from its intersection with County Road 8, to an 18-inch pipe culvert under the highway; set in top at the north end of the west concrete headwall of the culvert, 13 feet west of the centerline of the highway, 0.6 foot south of the north end of the headwall, 0.4 foot below road; a chiseled triangle.

598.627 feet NGVD 1929

IFC&WRC TBM P 202, 1960

In Orange County, Greenbrier Quad., in the NW  $\frac{1}{4}$  of Sec. 23, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 4.3 miles southwest of Greenbrier; at the intersection of State Road 145 and County Road 8; set in the south side of a power pole, in the northeast quarter of the intersection, 54 feet east of the centerline of State Road 145, 43 feet north of the center line of the gravel County Road 8, 0.7 foot above the ground; a railroad spike driven through an aluminum plate, stamped "TBM P 202 1960".

660.579 feet NGVD 1929

IFC&WRC TBM P 203, 1960

In Orange County, Greenbrier Quad., in the SE  $\frac{1}{4}$  of Sec. 14, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 3.7 miles southwest of Greenbrier; about 0.73 mile generally northeast along the gravel County Road 8 from its intersection with State Road 145 to the Fred T. Busse residence; set in the south side of a power pole, 28.5 feet northeast of a mailbox, 14 feet northwest of the centerline of the road, 0.5 foot above the ground; a railroad spike driven through an aluminum plate, stamped "TBM P 203 1960".

636.632 feet NGVD 1929

IFC&WRC TBM P 204, 1960

In Orange County, Greenbrier Quad., in the NW  $\frac{1}{4}$  of Sec. 13, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 2.8 miles southwest of Greenbrier; about 1.58 miles generally northeast along the gravel County Road 8 from its intersection with State Road 145 to a power pole; set in the south side of the power pole, 17 feet north of the centerline of the road, 1.0 foot above ground; a railroad spike driven through an aluminum plate, stamped "TBM P 204 1960".

705.595 feet NGVD 1929

IFC&WRC TBM P 205, 1960

In Orange County, Greenbrier Quad., in the NE ¼ of Sec. 13, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 2.4 miles southwest of Greenbrier; at the "T" intersection of a gravel County Road 8 and County Road 123; set in the southeast side of a telephone pole, in the southeast quarter of the junction, 24 feet northeast of the centerline of the road northeast, 1.0 foot above the ground; a railroad spike driven through an aluminum plate, stamped "TBM P 205 1960".  
756.157 feet NGVD 1929

IFC&WRC TBM P 206, 1960

In Orange County, Greenbrier Quad., in the SE ¼ of Sec. 13, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 3.0 miles southwest of Greenbrier; about 0.8 mile generally southeast along County Road 123 from its "T" intersection with County Road 8 to a power pole; set in the north side of the power pole, 17 feet west of the centerline of the road, 7.5 feet east of a fence line, 1.0 foot above ground; a railroad spike driven through an aluminum tag, stamped "TBM P 206 1960".  
748.085 feet NGVD 1929

IFC&WRC TBM P 207, 1960

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 19, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 3.2 miles southwest of Greenbrier; about 1.35 miles generally southeast along County Road 123 from its "T" intersection with County Road 8 to the Patoka Church; set in the south side of an 18-inch Oak tree, 113 feet southwest of the southwest corner of the Church, 17 feet north of the centerline of the road, 3.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM P 207 1960".  
731.235 feet NGVD 1929

IFC&WRC TBM P 167

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 19, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 miles southwest of Greenbrier; about 1.6 miles generally southeast along County Road 123 from its "T" intersection with County Road 8 to a north-south "T"-road, thence 0.4 mile north and east to a one-span steel pony truss bridge over Patoka River; set in top of the southeast concrete wing wall of the bridge, 9.0 feet south of the centerline of the road, 3.6 feet southeast of the northwest end of the southeast wingwall, 2.2 feet above the road; a chiseled triangle.

Now under Patoka Lake.

533.660 feet NGVD 1929

IFC&WRC BM ORA 6, 1959

In Orange County, Greenbrier Quad., in the NW  $\frac{1}{4}$  of Sec. 19, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 miles southwest of Greenbrier; about 1.6 miles generally southeast along County Road 123 from its "T" intersection with County Road 8 to a north-south "T"-road, thence 0.4 mile north and east to a one-span steel pony truss bridge over Patoka River; set in top of the northeast concrete wingwall of the bridge, 9.0 feet north of the centerline of the road, 2.2 feet above the road, 1.7 feet northeast of the southwest face of the northwest wingwall; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 6 1959".

Now under Patoka Lake.

533.788 feet NGVD 1929

IFC&WRC TBM P 208, 1960

In Orange County, Greenbrier Quad., in the NE  $\frac{1}{4}$  of Sec. 19, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 3.1 miles south of Greenbrier; about 1.6 miles generally southeast along County Road 123 from its "T" intersection with County Road 8 to a north-south "T"-road, thence 1.1 miles generally north and then southeast along a gravel road, and across the Patoka River bridge to a 12-inch tree, 19 feet north the centerline of the road, 8.5 feet north of a fence line, 1.5 feet above the road; a railroad spike driven through an aluminum plate, stamped "TBM P 208 1960".

679.267 feet NGVD 1929

IFC&WRC TBM P 209, 1960

In Orange County, Greenbrier Quad., in the SW  $\frac{1}{4}$  of Sec. 20, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.35 miles northwest of Ethel; about 0.7 mile generally northwest and west along County Road 21 from the general store at Ethel to County Road 25, thence 0.8 mile generally west and northwest to a "T" road to the northeast; set in the southeast side of a 12-inch Beech tree, in the northwest quarter of the intersection, 30 feet north of the centerline of the road northwest, 20 feet west of the centerline of the road northeast, 14 feet north of two mail boxes, 1.2 feet above ground; a railroad spike driven through an aluminum plate, stamped "TBM P 209 1960".

614.582 feet NGVD 1929

IFC&WRC TBM P 210

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 29, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.05 miles west of Ethel; about 0.7 mile generally northwest and west along County Road 21 from the general store at Ethel to County Road 25, thence 0.5 mile generally west to a T-road southeast, thence 0.25 mile southeast to a 20-foot concrete bridge over Dumplin Branch; set in top at the south end of the west concrete guardrail of the bridge, 12 feet west of the centerline of the road, 2.6 feet north of the south end of the west headwall, 2.4 feet above the road; a chiseled triangle.

Now under Patoka Lake.

538.719 feet NGVD 1929

IFC&WRC TBM P 211

In Orange County, Greenbrier Quad., in the NE ¼ of Sec. 29, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 0.55 mile northwest of Ethel; 0.4 mile generally northwest along County Road 21 from the general store at Ethel to a "Y" intersection, thence about 0.15 mile west to a 20-foot concrete bridge over Dumplin Creek; set in the top at the south end of the east concrete guardrail of the bridge, 7.0 foot east of the centerline of the road, 1.9 feet above the road, 1.9 feet north of the south end of the east guardrail; a chiseled triangle.

548.835 feet NGVD 1929

IFC&WRC BM ORA 7, 1959

In Orange County, Greenbrier Quad., in the SE ¼ of Sec. 20, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.0 mile northwest of Ethel; at the County Road 21 one-span steel truss bridge over the Patoka River; set in top of the southwest stone bridge seat, 8 feet southwest of the centerline of the road, 1.6 feet southeast of the northwest face of the bridge seat, 0.9 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 7 1959".

536.424 feet NGVD 1929

IFC&WRC TBM P 168, 1959

In Orange County, Greenbrier Quad., in the SE ¼ of Sec. 20, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.0 mile northwest of Ethel; at the County Road 21 one-span steel truss bridge over the Patoka River; set in the southwest side of a 24-inch Sycamore tree, 16.5 feet southeast of the southeast bridge seat, 12 feet east of the centerline of the road, 5.0 feet above the ground; a railroad spike driven through a brass plate, stamped "TBM P 168 1959".

539.482 feet NGVD 1929

IFC&WRC TBM P 212, 1960

In Orange County, Greenbrier Quad., in the SE ¼ of Sec. 20, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 0.7 mile northwest of Ethel; at the intersection of County Road 21 and County Road 25 and the McDonald Church; set in the northwest side of a 14-inch Hickory tree, in the northeast quarter of the intersection, 41 feet north of the centerline of County Road 25, 16 feet east of the centerline of County Road 21, 0.7 foot above ground; a railroad spike driven through an aluminum plate, stamped "TBM P 212 1960".

668.136 feet NGVD 1929

IFC&WRC TBM P 213, 1960

In Orange County, Greenbrier Quad., in the SW ¼ of Sec. 21, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 0.75 mile north of Ethel; about 0.55 mile generally east and northeast along County Road 25 from its intersection with County Road 21 to a field entrance southeast; set in the northwest side of a 27-inch Oak tree, 62 feet northeast of a mailbox, 22 feet southeast of the centerline of the gravel road, 8.0 feet west of the centerline of the field entrance, 1.2 feet above ground; a railroad spike driven through an aluminum plate, stamped "TBM P 213 1960".

796.949 feet NGVD 1929

IFC&WRC TBM P 214, 1960

In Orange County, Greenbrier Quad., in the NE ¼ of Sec. 21, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.35 mile north of Ethel; about 1.25 mile generally east and northeast along County Road 25 from its intersection with County Road 21 to a power pole; set in the north side of the power pole, about 300 feet northwest of the County Road 21 bridge over Cane Branch, 26 feet south of the centerline of the road, 1.7 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM P 214 1960".

552.793 feet NGVD 1929

IFC&WRC TBM P 215, 1960

In Orange County, Greenbrier Quad., in the SW ¼ of Sec. 16, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.8 mile north of Ethel; about 1.95 mile generally east and northeast along County Road 25 from its intersection with County Road 21 to a 12-inch Tulip tree, set in the southwest side of the 12-inch Tulip tree, 0.4 mile south of the County Road 25 bridge over the Patoka River, 12 feet northeast of the centerline of the road, 0.5 foot above the road; a railroad spike driven through an aluminum tag, stamped "TBM P 215 1960".

623.579 feet NGVD 1929

IFC&WRC TBM P 169, 1959

In Orange County, Greenbrier Quad., in the NW  $\frac{1}{4}$  of Sec. 16, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.1 miles north of Ethel; at the County Road 25 one-span bridge over the Patoka River; set in the southeast side of a 24-inch Sycamore tree, 30 feet north of the north end of the bridge, 27 feet west of the centerline of the road, 2.3 feet above ground; a railroad spike driven through a brass plate, stamped "TBM P 169 1959".

Now under Patoka Lake.

537.160 feet NGVD 1929

IFC&WRC BM ORA 8 RESET 1960

In Orange County, Greenbrier Quad., in the NW  $\frac{1}{4}$  of Sec. 16, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.1 miles north of Ethel; at the County Road 25 one-span bridge over the Patoka River; set in top of the northeast concrete wingwall of the bridge, 8 feet east of the centerline of the road, 1.6 feet below the road, 0.5 foot north of the south face of the wing wall; a Indiana Flood and Water Resources Commission bronze bench mark tablet, stamped "ORA 8 1959 RESET 1960".

537.856 feet NGVD 1929

IFC&WRC TBM P 216, 1960

In Orange County, Greenbrier Quad., in the SW  $\frac{1}{4}$  of Sec. 9, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.8 miles southeast of Greenbrier; at the "T" road intersection of County Road 25 and County Road 10 (Apple Chapel Road); set in the north side of a 20-inch tree, in the southeast quarter (?) of the junction, 31 feet east of the center line of County Road 25, 36.5 feet north of County Road 10, 1.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM P 216 1960".

548.937 feet NGVD 1929

IFC&WRC TBM P 217, 1960

In Orange County, Greenbrier Quad., in the SE  $\frac{1}{4}$  of Sec. 9, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.8 miles southeast of Greenbrier; about 0.3 mile east along County Road 10 (Apple Chapel Road) from its "T" intersection with County Road 25 to an 18-inch tree at a bend in the road on top of a hill, set in the north side of the 18-inch tree, 15 feet south of the center line of the road, 0.3 foot below the road; a railroad spike driven through an aluminum plate, stamped "TBM P 217 1960".

676.664 feet NGVD 1929

IFC&WRC TBM P 218, 1960

In Orange County, Greenbrier Quad., in the SE ¼ of Sec. 9, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.2 miles southeast of Greenbrier; about 0.8 mile east along County Road 10 (Apple Chapel Road) from its "T" intersection with County Road 25 to a "T"-road south; set in the south side of a 21-inch tree, 28 feet east of the extended centerline of the "T"-road south, 15 feet northwest of the center line of County Road 10, 1.0 foot above the road; a railroad spike driven through an aluminum plate, stamped "TBM P 218 1960".

665.098 feet NGVD 1929

IFC&WRC TBM P 219, 1960

In Orange County, Greenbrier Quad., in the SW ¼ of Sec. 3, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.2 miles southeast of Greenbrier; about 1.5 miles east along County Road 10 (Apple Chapel Road) from its "T" intersection with County Road 25 to a "T"-road south; set in the north side of the east 11-inch prong of a double pronged tree, 95 feet west of a mailbox, 65 feet west of the center line of the "T"-road south, 33 feet south of the centerline of County Road 10, 0.4 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM P 219 1960".

773.965 feet NGVD 1929

IFC&WRC TBM P 220, 1960

In Orange County, Valeene Quad., in the NW ¼ of Sec. 2, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 0.95 mile southeast of Young Creek; about 0.8 mile generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a "T"-road west (Apple Chapel Road); set in the 19-inch base on the west side of a 4-pronged tree, in the northwest quarter of the junction, 75 feet northwest of the centerline of Apple Chapel Road, 21 feet southwest of the centerline of the road, 0.4 foot above the ground; a railroad spike driven through an aluminum plate, stamped "TBM P 220 1960".

836.613 feet NGVD 1929



IFC&WRC TBM P 221, 1960

In Orange County, Valeene Quad., in the SE ¼ of Sec. 2, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.75 miles southeast of Young Creek; about 1.65 mile generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a "T"-road east and the Apple School; set in the west side of a 15-inch tree in a fence line, 150 feet northwest of the center of the junction of the "T"-road east, 105 feet north of the north corner of the Apple School, 14 feet northeast of the centerline of the road, level with the road; a railroad spike driven through an aluminum plate, stamped "TBM P221 1960".

770.159 feet NGVD 1929

USGS BM 33 WSM 1946

In Orange County, Valeene Quad., in the NE ¼ of Sec. 11, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.75 miles southeast of Young Creek; about 1.65 miles generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a "T"-road east and the Apple School; set in the top of a concrete post, in the southeast quarter of the junction, 92 feet southeast of the southeast corner of the Apple School, 65 feet south of the centerline of the "T"-road east, 19 feet east of the centerline of the road, 7 feet east of 2 mail boxes, 0.4 foot above the ground, level with the road; a U.S. Geological Survey bench mark tablet, stamped "33 WSM 772 1946".

771.920 feet NGVD 1929

USGS TBM 668

In Orange County, Valeene Quad., in the NE ¼ of Sec. 11, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.1 miles southeast of Young Creek; about 2.35 miles generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a one and ½-foot pipe culvert under the road; set in the top of the south headwall of the culvert under the road, 0.1 mile west of a farm house on the south side of the road, 12 feet south of the centerline of the road, 2.7 feet west of the east end of the south culvert headwall, 0.6 foot above the road; a chiseled square.

667.726 feet NGVD 1929

USGS TBM 554

In Orange County, Valeene Quad., in the SW ¼ of Sec. 11, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.4 miles south of Young Creek; about 3.0 miles generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a two-span steel truss bridge over the Patoka River; set in the top at the east end of the middle pier, 9.3 feet east of the centerline of the road, 1.0 foot below the road, 1.2 feet west of BM ORA 9; a chiseled square. 554.209 feet NGVD 1929

IFC&WRC BM ORA 9, 1959

In Orange County, Valeene Quad., in the SW ¼ of Sec. 11, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.4 miles south of Young Creek; about 3.0 miles generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a two-span steel truss bridge over the Patoka River; set in top at the east end of the middle pier, 10.5 feet east of the centerline of the road, 1.2 feet west of the east end of the pier, 1.0 foot below the road, 0.9 foot south of the north edge of the pier; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 9 1959". 554.212 feet NGVD 1929

IFC&WRC TBM P 170

In Orange County, Valeene Quad., in the SW ¼ of Sec. 11, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.4 miles south of Young Creek; about 3.0 miles generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a two-span steel truss bridge over the Patoka River; set in the top at the east end of the south bridge seat, 10 feet east of the centerline of the road, 1.9 feet south of the north face of the south abutment, 1.5 feet below the road, 0.2 foot west of the east face of the south bridge seat; a chiseled triangle. 554.230 feet NGVD 1929

USGS BM 34 WSM 1946

In Orange County, Valeene Quad., in the NW ¼ of Sec. 14, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.5 miles south of Young Creek; about 3.14 miles generally southeast along a County Road from the crossroads that are 0.35 mile east of Young Creek to a "T"-road east; set in the top of a concrete post, in the northwest quarter of the junction, 16 feet west of the centerline of the road, 10 feet north of the extended centerline of the "T"-road east, 2.0 feet above the road, level with the ground; a U.S. Geological Survey bench mark tablet, stamped "34 WSM 1946 562". 561.546 feet NGVD 1929

IFC&WRC TBM P 222, 1960

In Orange County, Valeene Quad., near the center of the SW ¼ of Sec. 12, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.65 miles southeast of Youngs Creek; set in the north side of a 36-inch sycamore tree on the west (left) bank of the Patoka River, tree is about 400 feet south (upstream) of the confluence of Hogs Defeat Creek, 10 feet west of the top of the west bank of the Patoka River, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM P 222 1960".  
560.950 feet NGVD 1929

IFC&WRC TBM P 223

In Orange County, Valeene Quad., in the SE ¼ of Sec. 12, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 2.75 miles southeast of Youngs Creek; 2.1 miles south along State Road 37 from its junction with the "T"-road west leading to Youngs Creek to a "T"-road west, at a 5-foot box culvert under the highway; set in the top at the northwest corner of the west headwall of the culvert, 75 feet north of the centerline of the "T"-road west (leading to 2 barns just west of the highway), 22 feet west of the centerline of State Road 37, 5 feet below the road; a chiseled line at the northwest corner forming a triangle with the northwest corner of the west headwall.  
583.429 feet NGVD 1929

IFC&WRC TBM P 224

In Orange County, Valeene Quad., in the SW ¼ of Sec. 6, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 2.7 miles east-southeast of Young Creek; at the State Road 37 twenty-foot concrete bridge over Underwood Hollow; set in the top at the northwest corner of the south bridge seat, 18.5 feet west of the centerline of the road, 1.8 feet below the road; a chiseled line at the northwest corner of the south bridge seat forming a triangle with the northwest corner of the south bridge seat.  
588.306 feet NGVD 1929

IFC&WRC TBM P 225

In Orange County, Valeene Quad., in the NW ¼ of Sec. 6, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 2.55 miles east-southeast of Young Creek; at the State Road 37 twenty-foot concrete bridge over Hogs Defeat Creek; set in the top near center of the west bridge guardrail base, 15 feet west of the centerline of the road, 12 feet north of the south end of the bridge, 1.0 foot above the road; a chiseled triangle.  
605.218 feet NGVD 1929

#### IFC&WRC TBM P 226

In Orange County, Valeene Quad., in the NW ¼ of Sec. 31, T. 1 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.45 miles east of Youngs Creek; at the State Road ten-foot box culvert over a tributary to Hogs Defeat Creek (2<sup>nd</sup> bridge north of a "T"-road west); set in the top near center of the east bridge guardrail base, 16.5 feet east of the centerline of the road, 6.2 feet north of the south end of the culvert, 0.8 foot above the road; a chiseled triangle.  
642.198 feet NGVD 1929

#### IFC&WRC TBM P 227, 1960

In Grange County, Valeene Quad., in the SE ¼ of Sec. 30, T. 1 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.05 miles northeast of Youngs Creek; 1.01 miles north along State Road 37 from its junction with the "T"-road west leading to Youngs Creek to a "T"-road south; set in the east side of a 12-inch tree, 45 feet northeast of the center of the "T"-road south, 43 feet northwest of the centerline of State Road 37, 2.5 feet below the road; a railroad spike driven through an aluminum plate, stamped "TBM P 227 1960".  
846.952 feet NGVD 1929

#### USC&GS BM FIRE 1946

In Orange County, Valeene Quad., in the SW ¼ of Sec. 29, T. 1 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.2 miles northeast of Youngs Creek; about 0.15 mile south along State Road 37 from its junction with a "T"-road leading southeast to Valeene, at a Indiana Department of Conversation Lookout (Fire) Tower; set in the top of a concrete post, 37 feet northeast of the northeast leg of the tower, 0.4 foot above the ground; a US Coast & Geodetic Survey triangulation station mark, stamped "FIRE 1946".  
880.249 feet NGVD 1929

#### USC&GS BM FIRE 1946 AZIMUTH

In Orange County, Valeene Quad., in the NE ¼ of Sec. 30, T. 1 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.2 miles northeast of Youngs Creek; 0.42 mile northwest along State Road 37 from its junction with the "T"-road leading southeast to Valeene, at a bend in State Road 37 to the northeast; set in the top of a concrete post, 0.25 mile south of a "T"-road leading east, 145 feet north of the Charles & Betty Dillard driveway, 23.5 feet east of the centerline of the road, 14.5 feet south of a highway turn (left) sign, 2.5 feet south of a telephone pole number 210, 1.0 foot west of a fence line, 0.4 foot above the ground; a U.S. Coast and Geodetic Survey azimuth mark, stamped "FIRE 1946".  
850.780 feet NGVD 1929

USC&GS BM C 55, 1934

In Orange County, Paoli Quad., in the SE ¼ of Sec. 19, T. 1 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.3 miles southeast of Paoli; about 0.15 mile southeast along State Road 37 from Stouts Chapel, at a bend in State Road 37 to the south; set in the top of a concrete post, 77 feet northeast and across State Road 37 from a fence corner post (the corner post is 20 feet northeast of a power pole), 45.5 feet northeast of the centerline of the highway, 21.5 feet east of telephone pole #186, 0.4 foot above the ground; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "C 55 1934".

820.395 feet NGVD 1929

IFC&WRC TBM P 171

In Orange County, Valeene Quad., in the SE ¼ of Sec. 12, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 3.2 miles southeast of Young Creek; at the State Road 37 two-span steel truss bridge over the Patoka River; set in the east side of a power pole, 60 feet northwest of the northwest end of the bridge, 34 feet west of the centerline of the road, level with the road; a railroad spike driven through a brass plate, stamped "TBM P 171".

574.603 feet NGVD 1929

IFC&WRC BM ORA 10, 1959

In Orange County, Valeene Quad., in the SE ¼ of Sec. 12, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 3.2 miles southeast of Young Creek; at the State Road 37 two-span steel truss bridge over the Patoka River; set in top of the northwest abutment of the bridge, 12 feet northeast of the centerline of the road, 2 feet northeast of the northeast edge of State Road 37, 2 feet northwest of the southeast face of the abutment; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 10 1959".

574.281 feet NGVD 1929

IFC&WRC TBM P 229

In Orange County, Valeene Quad., in the SW ¼ of Sec. 18, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 3.75 miles southeast of Young Creek; about 0.5 mile south along State Road 37 from the State Road 37 bridge over the Patoka River to a "T"-road east, thence 0.2 mile east to a single span steel truss bridge over the Patoka River; set in top of the southeast wingwall of the bridge, 10 feet south of the centerline of the road, 1.5 feet above the road, 0.6 foot southeast of the northwest end of the southeast wing wall; a chiseled triangle.

581.560 feet NGVD 1929

IFC&WRC TBM P 230, 1960

In Orange County, Valeene Quad., in the SE ¼ of Sec. 18, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 2.65 miles southwest of Valeene; 0.34 mile south from the "T"-road junction at Valeene to a "T"-road west, thence 1.8 miles generally southwest to a "T"-road southwest (leading to the Bacon Church or to State Road 37), thence 0.85 mile southwest to a "T"-road north and a single span bridge over the Patoka River, thence 0.58 mile generally northwest following the north bank (right bank) of the Patoka River to the first major drain on the north side of the river; set in the southwest side of a 24-inch tree, 200 feet northeast of the drain confluence with the Patoka River on the drain's right bank, about 50 feet north of the tree line, 0.7 foot above the ground; a railroad spike driven through an aluminum plate stamped "TBM P 230 1960".  
575.794 feet NGVD 1929

IFC&WRC TBM P 172

In Orange County, Valeene Quad., in the NW ¼ of Sec. 20, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 2.3 miles southwest of Valeene; 0.34 mile south from the "T"-road junction at Valeene to a "T"-road west, thence 1.8 miles generally southwest to a "T"-road southwest (leading to the Bacon Church or to State Road 37), thence 0.85 mile southwest to a "T"-road north and a single span bridge over the Patoka River; set in top of the northeast wing wall of the bridge, 83 feet north of the main road, 7.4 feet east of the centerline of the bridge, 0.6 foot north of the south face of the north abutment of the bridge, level with the road; a chiseled triangle.  
580.516 feet NGVD 1929

IFC&WRC BM ORA 11, 1959

In Orange County, Valeene Quad., in the NW ¼ of Sec. 20, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 2.3 miles southwest of Valeene; 0.34 mile south from the "T"-road junction at Valeene to a "T"-road west, thence 1.8 miles generally southwest to a "T"-road southwest (leading to the Bacon Church or to State Road 37), thence 0.85 mile southwest to a "T"-road north and a single span concrete bridge over the Patoka River; set in the top at the north end of the southeast wing wall of the bridge, 7.2 feet east of the centerline of the road, 1.8 feet southeast of the north face of the south abutment, 0.2 foot below floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 11 1959".  
580.236 feet NGVD 1929

IFC&WRC TBM P 228, 1960

In Orange County, Valeene Quad., in the SE ¼ of Sec. 17, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 1.65 miles southwest of Valeene; about 0.34 mile south from the "T"-road junction at Valeene to a "T"-road west, thence 1.8 miles generally southwest to a "T"-road northwest, thence 0.25 mile northwest to a single span steel truss bridge over the Patoka River; set in the southwest side of a 25-inch "Y"-forked tree at the south corner of the bridge, 15 feet southwest of the centerline of the road, 0.7 foot above the ground; a railroad spike driven through an aluminum plate, stamped "TBM P228 1960".

585.774 feet NGVD 1929

IFC&WRC TBM P 173

In Orange County, Valeene Quad., in the SW ¼ of Sec. 16, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 1.15 miles southwest of Valeene; 0.34 mile south from the "T"-road junction at Valeene to a "T"-road west, thence 1.06 miles generally southwest to a "T"-road north and a two-span bridge over the Patoka River; set in the north side of a 24-inch Sycamore tree, 48 feet west of the centerline of the main road, 13.5 feet southeast of the southwest end of the southeast abutment of the bridge, 11 feet south of the center line of the "T"-road north, 3.2 feet above the ground, 0.5 foot below the road; a railroad spike driven through a brass plate, stamped "TBM P 173".

598.885 feet NGVD 1929

IFC&WRC BM ORA 12, 1959

In Orange County, Valeene Quad., in the SW ¼ of Sec. 16, T. 1 S., R. 1 E., 2<sup>nd</sup> PM.; about 1.15 miles southwest of Valeene; 0.34 mile south from the "T"-road junction at Valeene to a "T"-road west, thence 1.06 miles generally southwest to a "T"-road north and a two-span bridge over the Patoka River; set in the top at the northeast end of the southeast abutment of the bridge, 72 feet northwest of the centerline of the main road, 5 feet north of the centerline of the "T"-road north, 0.8 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 12 1959".

597.945 feet NGVD 1929

USGS BM 12 M 509, 1947

In Orange County, Cuzco Quad., in the NW ¼ of Sec. 19, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 0.5 mile west of Elon; 0.7 mile north and west from the Elon Christian Church at Elon to the junction of a north-south gravel road, 0.5 mile east of the Orange-Dubois County Line; set in the top of a concrete post, 170 feet south of the centerline of the east-west road, 14.8 feet west of the centerline of the north-south road, 2.4 feet east of a fence line, projecting 0.5 foot above the ground; a U.S. Geological Survey bronze disk, stamped "12 M 509 1947".

Now under Patoka Lake.

508.960 feet NGVD 1929

USGS RM

In Orange County, Cuzco Quad., in the NE ¼ of Sec. 19, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 0.5 mile west of Elon; 0.7 mile north and west from the Elon Christian Church at Elon to the junction of a north-south gravel road, 0.5 mile east of the Orange-Dubois county line; set in the southeast side of a 10-inch Wild Cherry tree, 45 feet south of the east-west road, 15 feet east of the centerline of the north-south road, 1.6 feet above the ground; a copper nail and washer.

Now under Patoka Lake.

507.310 feet NGVD 1929

IFC&WRC BM ORA 1, 1954

In Orange County, Cuzco Quad., in the SE ¼ of Sec. 18, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 0.6 mile northwest of Elon; 0.7 mile north and west from the Elon Christian Church at Elon to the junction of a north-south gravel road, 0.5 mile east of the Orange-Dubois county line, thence 0.15 mile north to a multi-span concrete bridge over the Patoka River; set in the top of the southeast wingwall, 9.6 feet east of the centerline of the road, 3.2 feet below the top of the east handrail, 0.9 foot north of the south end of the bridge floor, 0.7 foot north of the south edge of the wingwall, 0.2 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 1 1954".

Now under Patoka Lake.

503.608 feet NGVD 1929



USGS TBM 513.2

In Orange County, Cuzco Quad., in the NW ¼ of Sec. 20, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; at Elon; at the Elon Christian Church; set on the top of the west end of the second step, 4.2 feet south of the entrance to the Church, 0.9 foot above the ground, 0.2 foot east of the west side of the steps; a chiseled square.

Now under Patoka Lake.

513.199 feet NGVD 1929

IFC&WRC BM ORA 2, 1954

In Orange County, Cuzco Quad., in the NW ¼ of Sec. 20, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; at Elon; 0.1 mile east and north from the Elon Christian Church at Elon to a single span steel truss bridge over the Patoka River; set in the top of the southeast bridge seat, 16 feet east of the centerline of the road, 1.5 feet north of the south end of the bridge, 0.5 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 2 1954".

Now under Patoka Lake.

504.923 feet NGVD 1929

USGS BM 13 M 501, 1947

In Orange County, Cuzco Quad., in the SE ¼ of Sec. 17, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 0.5 mile east of Elon; about 0.6 mile generally northeast from the Elon Christian Church at Elon to a "T"-road junction of a gravel road leading east; set in the top of a concrete post, 22 feet north of the centerline of the road leading east, 20 feet east of the north-south road, 16.5 feet south of a 24-inch Black Oak tree, projecting 0.5 foot above the ground; a U.S. Geological Survey bronze disk, stamped "12 M 501 1947".

Now under Patoka Lake.

500.767 feet NGVD 1929

IFC&WRC TBM P 131

In Orange County, Cuzco Quad., in the NW ¼ of Sec. 21, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 0.6 mile generally northeast from the Elon Christian Church at Elon to a "T"-road junction of a gravel road leading east, thence 1.5 miles east and south to a "T"-road junction of a north-south gravel road; set in the southwest side of a 36-inch Oak tree, 424 feet west of the "T" road, 18 feet north of the centerline of the east-west road, 8 feet west of the west gatepost at a field entrance, 0.7 foot above the ground; a railroad spike.

Now under Patoka Lake.

520.935 feet NGVD 1929

IFC&WRC BM ORA 3, 1954

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 27, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; at Newton Stewart; 0.1 mile northeast of the general store at Newton Stewart at a single span steel truss bridge over the Patoka River; set in the northwest corner of the northeast concrete wing wall of the bridge, 9 feet north of the centerline of the road, 0.7 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 3 1954".

Now under Patoka Lake.

513.626 feet NGVD 1929

USGS BM 186 M 553, 1946

In Orange County, Greenbrier Quad., in the NE ¼ of Sec. 27, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; 0.5 mile northeast along a gravel road from the general store at Newton Stewart, to the junction of State Road 145, thence 0.15 mile southwest along the highway; set in the top of a concrete post, 60 feet northwest of the north end of the east headwall of a 6-foot box culvert under the highway, 43 feet west of the Phillip Deich mailbox, 24 feet west of the centerline of the highway, 2 feet east of a fence line, 0.7 foot below the road, projecting 0.4 foot above the ground; a U.S. Geological Survey bronze disk, stamped "553 186 M 1946".

552.682 feet NGVD 1929

USGS RM 555.1

In Orange County, Greenbrier Quad., in the NE  $\frac{1}{4}$  of Sec. 27, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; 0.5 mile northeast along a gravel road from the general store at Newton Stewart, to the junction of State Road 145, thence 0.15 mile southwest along the highway to a 6-foot concrete box culvert under the highway; set on the top of the west headwall of the culvert, 11 feet west of the centerline of the highway, 6.7 feet south of the north end of the headwall, 0.6 foot above the road; a chiseled square.

554.874 feet NGVD 1929

USGS TBM 530.8

In Orange County, Greenbrier Quad., in the NE  $\frac{1}{4}$  of Sec. 27, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; 0.5 mile northeast along a gravel road from the general store at Newton Stewart, to the junction of State Road 145, thence 126 feet north along the highway to a 24-inch pipe culvert under the highway; set on top of the east headwall of the culvert, 18 feet east of the centerline of the highway, 3 feet south of the north end of the headwall, about level with the road; a chiseled square.

530.616 feet NGVD 1929

IFC&WRC BM ORA 4, 1954

In Orange County, Greenbrier Quad., in the SE  $\frac{1}{4}$  of Sec. 27, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; at the old State Road 145 single steel truss bridge over the Patoka River; set in the northwest corner of the west bridge seat, 9.8 feet north of the centerline of the road, 1.0 foot east of the west end of the bridge, 1.0 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 4 1954".

514.082 feet NGVD 1929

IFC&WRC TBM LR 17, 1965

In Martin County, Hillham Quad., in the NW  $\frac{1}{4}$  of Sec. 24, T. 2 N., R. 3 W., 2<sup>nd</sup> PM.; about 0.7 mile west of Roland; 0.8 mile generally west along a county road (Powell Valley Road) from the "T"-road southwest in Roland to a farm and dwelling; set in the southwest side of a 30-inch White Oak tree, 250 feet east of the centerline of the driveway to the dwelling, 21 feet north of the centerline of the road, 2.0 feet above the level of the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 17 1965".

482.782 feet NGVD 1929

IFC&WRC BM MRT 39, 1964

In Martin County, Hillham Quad., in the NE ¼ of Sec. 24, T. 2 N., R. 3 W., 2<sup>nd</sup> PM.; at Roland; 500 feet generally west along Powell Valley Road from the crossing of U.S. 150 at Roland to a single-span steel and concrete bridge over Sams Creek; set in the top at the south end of the east abutment of the bridge, 6.7 feet south of the centerline of the road, 0.4 foot east of the west face and 0.3 foot north from the south end of the abutment, 1.9 feet below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "MRT 39 1964".

464.541 feet NGVD 1929

IFC&WRC TBM LR 18

In Orange County, Hillham Quad., in the NW ¼ of Sec. 19, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at Roland; 0.2 mile southeast along U.S. 150 from the "T"-road east in Roland to a 24-inch pipe culvert under the road; set in the top of the northeast headwall of the culvert, 20 feet northeast of the centerline of the road, 0.5 foot from the southwest face and 0.3 foot from the northeast face of the headwall, 0.5 foot below the road; a chiseled triangle.

471.853 feet NGVD 1929                      Recovered March 2006 (RDN)

IFC&WRC TBM LR 19

In Orange County, Hillham Quad., in the SE ¼ of Sec. 19, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.0 mile southeast of Roland; 1.0 mile generally southeast along U.S. 150 from the "T"-road east in Roland to an 18-inch pipe culvert under the road; set in the southwest concrete headwall, 17 feet southwest of the centerline of the road, 0.9 foot from the southeast face and 0.5 foot from the southwest end of the headwall; a chiseled square

474.602 feet NGVD 1929                      Could Not Locate March 2006 (RDN)

IFC&WRC BM ORA 13, 1964

In Orange County, Hillham Quad., in the SE ¼ of Sec. 19, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.2 miles east-southeast of Roland; at the U.S. 150 single-span steel truss bridge over Lost River; set in the top at the north end of the west abutment of the bridge, 13 feet north of the centerline of the highway, 3.9 feet west of the east face and 0.6 foot south of the north end of the abutment, 4.8 feet below the highway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 13 1964".

475.265 feet NGVD 1929                      New Bridge    Mark Destroyed

IFC&WRC TBM LR 20, 1965

In Orange County, Hillham Quad., in the SW  $\frac{1}{4}$  of Sec. 20, T. 2 N., R. 3 W., 2<sup>nd</sup> PM.; about 1.5 miles east-southeast of Roland; 1.6 miles generally east-southeast along U.S. 150 from the "T"-road east in Roland to a driveway north; set in the north side of a 40-inch twin-forked White Oak tree, 62 feet north of the centerline of the highway, 29 feet west of the centerline of the driveway, 1.0 foot above ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 20 1965".

585.109 feet NGVD 1929

Could Not Locate March 2006 (RDN)

IFC&WRC BM ORA 14, 1964

In Orange County, Hillham Quad., in the East  $\frac{1}{2}$  of Sec. 20, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.0 miles east of Roland; 2.3 miles generally east along U.S. 150 from the crossroads at Roland to a "T"-road northwest; set in the top at the east end of a concrete headwall for an 18-inch pipe culvert under the highway, 17.6 feet south of the centerline of the highway, 5.7 feet east of the extended centerline of the "T"-road northwest, 1.2 feet west of the east end and 0.5 foot north of the south face of the headwall, 0.5 foot below the highway; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 14 1964".

579.184 feet NGVD 1929

IFC&WRC TBM LR 21, 1965

In Orange County, Hillham Quad., in the NE  $\frac{1}{4}$  of Sec. 20, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.9 miles east of Roland; 2.3 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road northwest, thence 0.2 mile north to a curve northwest and a private driveway southeast; set in the southeast side of a 16-inch Sycamore tree, 17 feet southwest of the centerline of the road, 8.0 feet southwest of the extended centerline of the private driveway, 1.0 foot above the ground, about level with the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 21 1965".

611.525 feet NGVD 1929

IFC&WRC TBM LR 22, 1965

In Orange County, Hillham Quad., in the NW  $\frac{1}{4}$  of Sec. 20, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.4 miles east-northeast of Roland; 2.3 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road northwest, thence 0.9 mile generally northwest and then west to a sharp curve north in the road; set in the north side of a 24-inch Maple tree, 200 feet east of the extended centerline of the north-south segment of the road, 11 feet south of the centerline of the east-west segment of the road, 2.5 feet above the level of the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 22 1965".

475.810 feet NGVD 1929

IFC&WRC BM ORA 15, 1964

In Orange County, Hillham Quad., in the West  $\frac{1}{2}$  of Sec. 17, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.5 miles northeast of Roland; 2.3 miles generally east along U.S. 150 from the crossroads at Roland to a "T"-road northwest, thence 1.5 miles generally northwest and north to a single-span steel truss bridge over Lost River; set in the top at the southwest end of the southeast abutment of the bridge, 9.5 feet southwest of the centerline of the road, 2.0 feet southeast of the northwest face of the abutment, 1.3 feet east of the east face of the wingwall, 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 15 1964".

475.184 feet NGVD 1929

IFC&WRC TBM LR 23, 1965

In Orange County, Hillham Quad., in the NW  $\frac{1}{4}$  of Sec. 17, T. 2 N., R. 2W., 2<sup>nd</sup> PM.; about 1.6 miles northeast of Roland; 2.7 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road north, thence 2.4 miles generally north-northwest and then west to a "Y"-road; set in the southeast side of a 21-inch White Oak tree growing in the fork of the road, 17 feet south of the centerline of the north fork, 11 feet north of the centerline of the south fork, 0.6 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 23 1965".

658.729 feet NGVD 1929

IFC&WRC TBM LR 24

In Orange County, Hillham Quad., in the NE ¼ of Sec. 17, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.9 miles northeast of Roland; 2.7 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road north, thence 1.9 miles generally north-northwest and then west along a county road to a 15-foot bridge; set in the top of the northeast concrete wingwall, 10 feet north of the centerline of the road, 0.5 foot south of the north face and 0.5 foot east of the west face of the wingwall; a chiseled triangle.

477.244 feet NGVD 1929

USGS BM 101 M 476, 1946

In Orange County, Hillham Quad., in the NE ¼ of Sec. 17, T. N., R. 2 W., 2<sup>nd</sup> PM.; about 2.1 miles east-northeast of Roland; 2.7 miles generally east along U.S. 150 from the crossroads at Roland to a "T"-road north, thence 1.7 miles generally north to a two-span steel truss bridge over Lost River; set in the top at the north end of the east pier of the bridge, 8.5 feet north of the centerline of the road, 0.9 foot southwest of the northeast face and 0.8 foot southeast of the northeast face and 0.8 foot southeast of the northwest face of the pier, 1.2 feet below the bridge floor; a U.S. Geological Survey bench mark tablet, stamped "101 M 476 1946".

475.975 feet NGVD 1929

IFC&WRC BM ORA 16, 1964

In Orange County, Hillham Quad., in the SE ¼ of Sec. 8, T 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.4 miles northeast of Roland; 2.7 miles generally east along U.S. 150 from the crossroads at Roland to a "T"-road north, thence 1.7 miles generally north to a two-span steel truss bridge over Lost River and a "T"-road north, thence 0.5 mile generally north and southeast to a single-span steel truss bridge over Sulphur Creek; set in the top at the south end of the east abutment of the bridge, 7.7 feet south of the centerline of the road, 0.6 foot east of the west face and 0.6 foot north of the south end of the abutment, 1.0 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 16 1964".

474.592 feet NGVD 1929

IFC&WRC TBM LR 25, 1965

In Orange County, Hillham Quad., in the NW  $\frac{1}{4}$  of Sec. 16, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.5 miles east-northeast of Roland; 2.7 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road north, thence 1.7 miles generally north to a two-span steel truss bridge over Lost River and a "T"-road north, thence 0.9 mile north and then southeast along a county road to two 24-inch pipes under the road; set in the north side of a 14-inch Oak tree, 460 feet southeast of the two 24 inch pipes, 16 feet southwest of the centerline of the road, 1.2 feet above the ground, 0.5 foot above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 25 1965".

478.976 feet NGVD 1929

IFC&WRC TBM LR 26, 1965

In Orange County, Hillham Quad., in the South  $\frac{1}{2}$  of Sec. 9, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.9 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road north, thence 1.7 miles generally north to a two-span steel truss bridge over Lost River and a "T"-road north, thence 1.3 miles north and then southeast to a power line crossing the road; set in the east side of a 10-inch twin-trunk Maple tree, 140 feet west of the power line, 14 feet south of the centerline of the road, 1.5 feet above ground, 0.5 foot below the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 26 1965".

475.267 feet NGVD 1929

IFC&WRC BM ORA 17, 1964

In Orange County, Hillham Quad., in the NE  $\frac{1}{4}$  of Sec. 16, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 3.0 miles east-northeast of Roland; 3.2 miles generally east along U.S. 150 from the crossroads at Roland to a "T"-road north, thence 2.2 miles generally north to a bridge over a tributary to Lost River; set in the top of the northwest wing wall of the bridge, 11 feet northwest of the centerline of the road, 3.5 feet southwest of the northeast end and 0.7 foot southeast of the northwest face of the wingwall, about level with the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 17 1964".

476.258 feet NGVD 1929



IFC&WRC TBM LR 27

In Orange County, Hillham Quad., in the North ½ of Sec. 16, T. 2 N., R. 2 W., 2<sup>nd</sup> PM; about 2.7 miles east-northeast of Roland; 3.2 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road north, thence 1.9 miles generally north to a sixteen-foot concrete bridge over a tributary to Lost River; set in the top of the southeast wing wall of the bridge, 11 feet south-southeast of the centerline of the road, 0.5 foot west of the east face and 0.5 foot north of the south face of the wingwall, 0.3 foot below the road; a chiseled triangle.  
476.929 feet NGVD 1929

IFC&WRC TBM LR 28, 1965

In Orange County, Hillham Quad., in the SW ¼ of Sec. 16, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.3 miles east of Roland; 3.2 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road north, thence 1.2 miles generally north to a sharp curve in the road; set in the northwest side of a 15-inch Maple tree, 17 feet east of the extended centerline of the north-south segment of the road, 0.5 foot southwest of the extended centerline of the northwest-southeast segment of the road, 0.5 foot below the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 28 1965".  
479.168 feet NGVD 1929

IFC&WRC BM ORA 18, 1964

In Orange County, Hillham Quad., in the North ½ of Sec. 21, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.6 miles east of Roland; 3.2 miles generally east along U.S. 150 from the crossroads at Roland to a "T"-road north, thence 0.8 mile generally north to a private residence on the northeast side of the road; set in the top of a concrete post, 60 feet northwest of the extended centerline of a private driveway northeast, 15 feet southwest of the centerline of the main road, 3.4 feet southeast of a utility pole, 0.3 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 18 1964".  
478.811 feet NGVD 1929

IFC&WRC TBM LR 29, 1965

In Orange County, Hillham Quad., in the East ½ of Sec. 21, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.6 miles east of Roland; 3.2 miles generally east along U.S. 150 from the "T"-road east in Roland to a "T"-road north, thence 0.5 mile generally north to a curve in the road; set in the west side of a 34-inch twin-trunk Sycamore tree, 365 feet north of the centerline of the curve, 22 feet south of a 12-inch pipe under the road, 19 feet east of the centerline of the road, 3.0 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 29 1965".

481.835 feet NGVD 1929

ISHC BM V 278 ORA

In Orange County, Hillham Quad., in the South ½ of Sec. 21, T. 2 N., R. W., 2<sup>nd</sup> PM.; about 2.7 miles east-southeast of Roland; at the U.S. 150 three-span concrete bridge over Lost River; set in the top at the northwest end of the northeast curb wall of the bridge, 20.5 feet northeast of the centerline of the highway, 0.4 foot southeast of the northwest end of the bridge, 0.9 foot above the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "V 278 ORA".

491.794 feet NGVD 1929                      Recovered March 2006 (RDN)

USGS GAGING STATION RM 1

In Orange County, Hillham Quad., in the SE ¼ of Sec. 21, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.7 miles east-southeast of Roland; at the U.S. 150 three-span concrete bridge over Lost River; set in the top of the northwest corner of the southwest curb wall of the bridge, 21 foot southwest of the centerline of the bridge 1.0 foot above the road, 0.4 foot southeast of the northwest end of the bridge; a U.S. Geological Survey Gaging Station bench mark.

491.755 feet NGVD 1929                      Recovered March 2006 (RDN)

USGS GAGING STATION RM 2

In Orange County, Hillham Quad., in the SE ¼ of Sec. 21, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.7 miles east-southeast of Roland; at the U.S. 150 three-span concrete bridge over Lost River; set in the top of the southwest concrete guardrail, 19 feet southwest of the centerline of the highway, 4.7 feet northwest of the southeast end of the bridge approach, 4.5 feet above the road, 0.3 foot northeast of the southwest face of the guardrail; a U.S. Geological Survey station bench mark.

495.056 feet NGVD 1929                      Recovered March 2006 (RDN)

IFC&WRC TBM LR 30

In Orange County, Hillham Quad., in the NE ¼ of Sec. 28, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 0.8 mile west-northwest of Prospect; 0.8 mile generally west along U.S. 150 from the "T"-road north in Prospect to a 11-foot concrete bridge over a small stream; set in the top of the south headwall, 23 feet south of the centerline of the highway, 1.1 feet below the road, 0.9 foot east of the west end and 0.4 foot north of the south face of the headwall; a chiseled triangle.  
484.332 feet NGVD 1929

IFC&WRC TBM LR 31, 1965

In Orange County, French Lick Quad., in the NW ¼ of Sec. 27, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 0.2 mile west-northwest of Prospect; 0.2 mile west-northwest along U.S. 150 from the "T"-road north in Prospect to a "Y"-road southeast; set in the west side of a 20-inch Elm tree, 72 feet south-southwest of the centerline of the highway, 45 feet southwest of the centerline of the "Y"-road southeast, 2.4 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 31 1965".  
483.510 feet NGVD 1929

USGS BM 115 M 496, 1946

In Orange County, French Lick Quad., in the SE ¼ of Sec. 27, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at Prospect; at the west side of a triangle formed by the junction of U.S. 150 and State Road 56; set in the top of a concrete post, 28.5 feet east of the centerline of the west leg of State Road 56, 18.5 feet north of the centerline of a private drive to a brick residence, 4.0 feet east of a utility pole; a U.S. Geological Survey bench mark tablet, stamped "115 M 496 1946".  
496.135 feet NGVD 1929                      Could not Locate March 2006 (RDN)

USGS BM 114 M 491, 1946

In Orange County, French Lick Quad., in the SE ¼ of Sec. 27, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at West Baden; at the State Road 56 Bridge over Lost River; set in the top of a boulder, 160 feet northeast of the centerline the intersection crossing of State Road 56 and the Chicago, Indianapolis, and Louisville Railroad, 40 feet west of the centerline of a paved road, 6 feet northwest of the northwest rail; a U.S. Geological Survey bench mark tablet, stamped "114 M 491 1946".  
491.553 feet NGVD 1929                      Recovered March 2006 (RDN)

IFC&WRC TBM LR 32

In Orange County, French Lick Quad., in the NW  $\frac{1}{4}$  of Sec. 36, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 0.6 mile east of Prospect; 0.6 mile east along U.S. 150 from a "T"-road north in Prospect to a private driveway north; set in the top of the southwest corner of the abutment for a 6-foot concrete culvert under the driveway, 48 feet north of the centerline of the highway, 12 feet west of the centerline of the driveway, 0.4 foot east of the west end of the abutment, about level with the driveway; a chiseled triangle.  
487.299 feet NGVD 1929

IFC&WRC TBM LR 33

In Orange County, French Lick Quad., in the SE  $\frac{1}{4}$  of Sec. 22, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at Prospect; 0.5 mile north along a blacktop road from its intersection with U.S. 150 in Prospect to a private driveway west; set in the top of the north headwall for a 12-inch pipe under the driveway, 15 feet west of the centerline of the road, 14 feet north of the centerline of the driveway, 1.5 feet west of the east end of the headwall, about level with the road; a chiseled triangle.  
528.416 feet NGVD 1929

IFC&WRC TBM LR 34, 1965

In Orange County, French Lick Quad., in the NW  $\frac{1}{4}$  of Sec. 23, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.3 miles north-northeast of Prospect; 0.9 mile generally north along a paved road from its intersection with U.S. 150 in Prospect to a sharp curve northwest and a "T"-road north, thence 0.5 mile generally northeast to a private driveway southeast; set in the side of a 16-inch Hickory tree, 30 feet south-southeast of the centerline of the road, 27 feet north-northwest of the centerline of the driveway, 2.0 feet below the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 34 1965".  
608.471 feet NGVD 1929

IFC&WRC BM ORA 20, 1964

In Orange County, French Lick Quad., in the SW  $\frac{1}{4}$  of Sec. 14, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.6 miles north-northeast of Prospect; 0.9 mile generally north along a paved road from the crossroads in Prospect to a "Y"-road northwest, thence 0.8 mile generally north and northeast to a 15-inch pipe culvert under the road; set in the top at the north end of the east headwall of the culvert, 295 feet south of the centerline of a private drive east, 10.5 feet east of the centerline of the road, 1.5 feet south of the north end and 0.4 foot west of the east face of the headwall, level with the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 20 1964".

531.296 feet NGVD 1929

IFC&WRC TBM LR 35

In Orange County, French Lick Quad., in the West  $\frac{1}{2}$  of Sec. 14, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.0 miles north-northeast of Prospect; 0.9 mile north along a paved road from its intersection with U.S. 150 in Prospect to a sharp curve north-northwest and a "T" road north, thence 1.3 miles generally north along a gravel road to a curve from the northeast to the north and a dwelling on the west side of the road; set in the southwest end of the northwest concrete headwall for a 30-inch pipe culvert under the road, 125 feet southwest of the centerline of a driveway to the dwelling, 12 feet northwest of the centerline of the road, about level with the road, 0.6 foot southeast of the northwest face of the headwall; a chiseled triangle.

495.560 feet NGVD 1929

USGS BM 93 M 1946

In Orange County, French Lick Quad., in the NW  $\frac{1}{4}$  of Sec. 14, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.4 miles north-northeast of Prospect; 0.9 mile generally north along a paved road from the crossroads in Prospect to a "Y"-road northwest, thence 1.7 miles generally north and northeast to a "T"-road east; set in the top of a concrete post, 49 feet north of the centerline of the road east, 11.5 feet east of the centerline of the road north, 1.0 foot west of a fence line; a U.S. Geological Survey bench mark tablet, stamped "93 M 1946".

495.129 feet NGVD 1929

IFC&WRC BM ORA 21, 1964

In Orange County, French Lick Quad., in the North ½ of Sec. 14, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.5 miles north-northeast of Prospect; 0.9 mile generally north along a paved road from the crossroads in Prospect to a "Y"-road northwest, thence 1.7 miles generally north and northeast to a "T"-road east, thence 0.2 mile east to a single span steel truss bridge over Lost River; set in the top at the south end of the west abutment of the bridge, 8.2 feet south of the centerline of the road, 0.6 foot west of the east face and 0.6 foot north of the south end of the abutment, 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 21 1964".

491.227 feet NGVD 1929                      Recovered March 2006 (RDN)

USGS BM 92 M 518, 1946

In Orange County, French Lick Quad., in the East ½ of Sec. 14, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.4 miles north-northeast of Prospect; about 1.7 miles north and northeast along 725 West road from its "T" intersection with U.S. 150 to an east-west crossroad; set in the top at the west end of the north headwall of a concrete culvert, 25 feet west of the centerline of the north-south road, 15 feet north of the centerline of the east-west road, 3 feet east of the west end and 0.5 foot south of the north face of the headwall, 2.0 feet above the road; a U.S. Geological Survey bench mark tablet, stamped "92 M 518 1946".

517.907 feet NGVD 1929                      Recovered March 2006 (RDN)

IFC&WRC BM ORA 22, 1964

In Orange County, French Lick Quad., in the West ½ of Sec. 13, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.5 miles north-northeast of Prospect; about 1.7 miles north and northeast along 725 West road from its "T" intersection with U.S. 150 to an east-west crossroad, thence 0.2 mile east to a single-span steel truss bridge over Lost River; set in the top at the north end of the west abutment of the bridge, 9.0 feet north of the centerline of the road, 1.0 foot west of the east face and 1.0 foot south of the north end of the abutment, 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 22 1964".

492.419 feet NGVD 1929                      Destroyed 3-9-99 New Bridge

IFC&WRC TBM LR 36

In Orange County, French Lick Quad., in the NW ¼ of Sec. 13, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 2.9 miles northeast of Prospect; about 1.7 miles north and northeast along 725 West road from its "T" intersection with U.S. 150 to an east-west crossroad, thence 0.5 mile east and then northeast to a private driveway southeast; set in the top at the southwest end of a 6-foot concrete headwall for a 12-inch pipe culvert under the road, 235 feet northeast of the centerline of the private driveway, 10 feet northwest of the centerline of the main road, 0.9 foot northeast of the southwest end and 0.4 foot northwest of the southeast face of the headwall; a chiseled triangle.

514.900 feet NGVD 1929

USGS BM 91 M 606, 1946

In Orange County, French Lick Quad., in the East ½ of Sec. 12, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 3.7 miles north-northeast of Prospect; about 1.7 miles north and northeast along 725 West road from its "T" intersection with U.S. 150 to an east-west crossroad, thence 1.4 miles generally east and north to a "T"-road west; set in the top of a concrete post, 70 feet east of and 25 feet north of the centerline intersection of the roads, 3.0 feet southwest of a fence corner post, 1.0 foot south of a fence; a U.S. Geological Survey bench mark tablet, stamped "91 M 606 1946".

605.770 feet NGVD 1929

IFC&WRC TBM LR 37

In Orange County, Georgia Quad., in the NW ¼ of Sec. 7, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 0.9 mile southwest of Orangeville; 1.1 miles generally northwest and then generally southwest along a paved road from the crossroads in Orangeville to a fourteen-foot concrete bridge under the road; set in the top of the northeast wing wall of the bridge, 11 feet east of the centerline of the road, 4.5 feet southwest of the northeast end of the wingwall, 3.0 feet northeast of the guardrail, 0.7 foot below the road, 0.5 foot northwest of the southeast face of the wing wall; a chiseled triangle.

514.850 feet NGVD 1929

IFC&WRC TBM LR 38

In Orange County, Georgia Quad., in the SW  $\frac{1}{4}$  of Sec, 6, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; 0.3 mile west-southwest of Orangeville; 0.6 mile generally northwest and then south along a paved road from the crossroads in Orangeville to a curve in the road from south-southwest to the west-southwest and an eight-foot concrete headwall for a 12-inch pipe culvert under the road; set in the top of the southeast headwall, 360 feet south-southwest of the corner of a frame barn on the east side of the road, 15.0 feet southeast of the centerline of the road, 1.0 foot above the road, 1.0 foot northeast of the southwest end of the headwall, 0.5 foot southeast of the northwest face; a chiseled triangle.

622.754 feet NGVD 1929

USGS BM 90 M 532, 1946

In Orange County, Georgia Quad., in the SE  $\frac{1}{4}$  of Sec. 6, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; at Orangeville; 0.1 mile west along a paved road from the "T"-road south at Orangeville to a "T"-road north, set in the top of a rock ledge, 30 feet north of the centerline of the east-west road, 13.5 feet west of the centerline of the "T"-road north, 13.6 feet east of a fence corner; a U.S. Geological Survey bench mark tablet, stamped "90 M 532 1946".

531.787 feet NGVD 1929

IFC&WRC BM ORA 23, 1964

In Orange County, French Lick Quad., in the NE  $\frac{1}{4}$  of Sec. 7, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 0.6 mile south of Orangeville; 0.6 mile south along a "T"-road south from the east-west road in Orangeville to a single-span steel truss bridge over Lost River; set in the top at the west end of the south abutment of the bridge, 10.0 feet west of the centerline of the road, 0.7 foot east of the west end and 0.8 foot south of the north face of the abutment, 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 23 1964".

505.327 feet NGVD 1929

Recovered 3-9-99



USGS TBM 505.4

In Orange County, French Lick Quad., in the NE ¼ of Sec. 7, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 0.6 mile south of Orangeville; 0.6 mile south along a gravel road from the crossroads in Orangeville to a single span steel truss bridge over Lost River; set in the top of the northeast end of the fifth tier from the top of the northeast stone wingwall, 37 feet northeast of the north end of the east truss of the bridge, 19 feet east of the centerline of the road, 2.0 feet above the road, 1.7 feet northwest of the southeast face of the tier, 1.3 feet southwest of the northwest face of the tier; a chiseled square.

505.421 feet NGVD 1929

IFC&WRC TBM LR 39

In Orange County, Georgia Quad., in the NE ¼ of Sec. 7, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 0.2 mile south of Orangeville; 0.3 mile south along a gravel road from the crossroads in Orangeville to a curve from the southeast to south in the road; set in the west side of a 26-inch Sycamore tree, 8.0 feet northeast of the extended centerline of the northwest-southeast segment of the road, 5.0 feet west of the extended centerline of the north segment of the road, 2.0 feet west of a fence line, 2.0 feet above the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 39 1965".

499.749 feet NGVD 1929

Destroyed 3-9-99

IFC&WRC TBM LR 40

In Orange County, in the SE ¼ of Sec.6, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; 0.3 mile northeast of Orangeville; at the 500 West Road twenty four-foot concrete bridge over Dry Branch; set in the top of the southwest end of the northwest guardrail, 72 feet southwest of a "T"-road intersection, 7.5 feet northwest of the centerline of the road, 2.4 feet above the road, 1.4 foot northeast of the southwest end of the guardrail, 0.5 foot northwest of the southeast face; a chiseled triangle.

518.372 feet NGVD 1929

IFC&WRC TBM LR 41

In Orange County, Georgia Quad., in the SE  $\frac{1}{4}$  of Sec. 5, T. 2 N., R.1 W., 2<sup>nd</sup> PM.; 0.8 mile east of Orangeville; 0.4 mile east and then generally north to a "T" road east, thence 0.7 mile generally east along a gravel road to a pond at the north side of the road; set in the north side of a 24-inch Maple tree, 20 feet north of the centerline of the road, 10 feet northwest of the north end of a 12-inch pipe under the road, 1.2 feet above the ground, 0.7 foot below the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 41 1965".  
541.824 feet NGVD 1929

IFC&WRC BM ORA 24, 1964

In Orange County, Georgia Quad., in the SW  $\frac{1}{4}$  of Sec. 4, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.4 miles east of Orangeville; at the 500 North Road three-span concrete bridge over Lost River; set in the top of the east wingwall of the bridge, 11.5 feet northeast of the centerline of the road, 0.7 foot southeast of the northwest face of the wingwall, 0.7 foot northeast of the northeast face of the curb wall, 0.8 foot above the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 24 1964".  
528.643 feet NGVD 1929                      Recovered 5-19-99 RN

USGS BM 88 M 585, 1946

In Orange County, Georgia Quad., in the North  $\frac{1}{2}$  of Sec. 9, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.8 miles east of Orangeville; at the Wesley Chapel and Cemetery; set in the top of the concrete base of the northwest corner fence post at the cemetery, 150 feet east of the centerline of 350 West Road, 90 feet northeast of the northeast corner of the chapel, 20 feet south of the centerline of 500 North Road; a U.S. Geological Survey bench mark tablet, stamped "88 M 585 1946".  
584.703 feet NGVD 1929                      Rec. 3-9-99

IFC&WRC TBM LR 42, 1965

In Orange County, Georgia Quad., in SE  $\frac{1}{4}$  of Sec. 4, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; 1.8 miles east-northeast of Orangeville; about 0.5 mile north along 350 West Road from its intersection with 500 North Road at the Wesley Chapel and Cemetery to a sharp curve in the road to the east and a farm house at the north side of the road; set in the west side of a 20-inch Ash tree, 110 feet south of the centerline of the east-west segment of the road, 21 feet east of the centerline of 350 West Road; 3.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 42 1965".  
606.409 feet NGVD 1929

IFC&WRC BM ORA 25, 1964

In Orange County, Georgia Quad., in the East ½ of Sec. 4, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.3 miles east-northeast of Orangeville; about 1.0 mile north and east along 350 West Road from its intersection with 500 North Road at the Wesley Chapel and Cemetery to a turn north; set in the top at the south end of the west concrete headwall of a 18-inch culvert under the road, north, 275 feet south of the centerline of a private drive west, 200 feet north of the centerline of the east-west road, due east of a small farm pond, 10 feet west of the centerline of the north-south road, 1.3 feet north of the south end and 0.6 foot east of the west face of the headwall, about level with the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 25 1964".

617.755 feet NGVD 1929

Destroyed 3-9-99 new pipe culvert

IFC&WRC TBM LR 43, 1965

In Orange County, Georgia Quad., in the NW ¼ of Sec. 3, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; 2.8 miles east-northeast of Orangeville; about 1.7 miles generally north and east and then generally northeast along a gravel 350 West Road from its intersection with 500 North Road at the Wesley Chapel and Cemetery to a private driveway north; set in the south side of a 13-inch Oak tree, 40 feet north-northwest of the centerline of the road, 31 feet east-northeast of the centerline of the driveway, 0.4 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 43 1965".

595.827 feet NGVD 1929

IFC&WRC TBM LR 44

In Orange County, Georgia Quad., in the SE ¼ of Sec. 34, T. 3 N., R. 1 W., 2<sup>nd</sup> PM.; 3.2 miles east-northeast of Orangeville; 2.2 miles generally north and east and then generally northeast along a gravel 350 West Road from its intersection with 500 North Road at the Wesley Chapel and Cemetery to a barn at the north side of the road; set in a 12-inch concrete post, 45 feet south of the south side of the barn, 14 feet north of the centerline of the road, 15 feet west of the centerline of a driveway leading to the barn, 4.3 feet above the ground; the high point of a steel reinforcing rod.

610.766 feet NGVD 1929

IFC&WRC BM ORA 26, 1964

In Orange County, Mitchell Quad., in the SW  $\frac{1}{4}$  of Sec. 35, T. 3 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.5 miles southeast of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 2.1 miles west to a north-south crossroad, thence 1.2 miles generally north to an east-west crossroad, thence 0.1 mile west to a two-span steel truss bridge over Lost River; set in the top of the northeast wingwall of the bridge, 12 feet north of the centerline of the road, 2.5 feet northeast of the southwest end and 0.5 foot southeast of the northwest face of the wingwall, 1.0 foot above the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 26 1964".

587.619 feet NGVD 1929

IFC&WRC TBM LR 45, 1965

In Orange County, Mitchell Quad., in the NW  $\frac{1}{4}$  of Sec. 2, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.6 miles southwest of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 2.1 miles west to a north-south crossroad, thence 0.8 mile generally north to a frame dwelling on the west side of the road; set in the northwest side of a 24-inch Oak tree, 95 feet southeast of the southeast corner of the dwelling, 14 feet east of the centerline of the road, 3.0 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 45 1965".

595.555 feet NGVD 1929

IFC&WRC BM ORA 27, 1964

In Orange County, Mitchell Quad., in the West  $\frac{1}{2}$  of Sec. 2, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.8 miles southwest of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 2.1 miles west to a north-south crossroad, thence 0.6 mile north and northeast to a concrete block residence on the southeast side of the road; set in the top of a concrete post, 162 feet northeast of the northeast corner of the house, 27 feet southwest of a 24-inch Walnut tree, 13.5 feet northwest of the centerline of the road, 3.0 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 27 1964".

589.340 feet NGVD 1929

USGS BM 77 M 1946

In Orange County, Mitchell Quad., in the NW ¼ of Sec. 11, T. 2 N., R.1 W., 2<sup>nd</sup> PM.; about 3.7 miles southwest of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 2.1 miles west to a north-south crossroad; set in the top of a concrete post, in the southeast quarter of the intersection, 40 feet south of the intersection of the east-west road, 20 feet east of the centerline of the north-south road, 8 feet southeast of a 24-inch Ash tree; a U.S. Geological Survey bench mark tablet, stamped "77 M 1946 626".

625.842 feet NGVD 1929

Destroyed 3-9-99 - plowed field

IFC&WRC BM ORA 28, 1964

In Orange County, Mitchell Quad., in the SW ¼ of Sec. 2, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.1 miles southwest of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 1.8 miles generally west to a three-span concrete bridge over Lost River; set in the top of the northeast wingwall of the bridge, 9.0 feet north of the centerline of the road, 1.8 feet north of the concrete curb wall, 1.0 foot southeast of the northwest face of the wingwall, 0.5 foot below the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 28 1964".

596.352 feet NGVD 1929

Destroyed 2/28/72 LJS.

IFC&WRC TBM LR 46, 1965

In Orange County, Mitchell Quad., in the SE ¼ of Sec. 2, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.7 miles southwest of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 1.2 miles generally west to the Union Chapel Church; set in the south side of a 42-inch Hackberry tree, 820 feet west of the church, 170 feet east of a farm gate leading to a pasture on the north side of the road, 1.4 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 46 1965".

602.363 feet NGVD 1929

Destroyed 3-9-99

IFC&WRC BM ORA 29, 1964

In Orange County, Mitchell Quad., in the NE ¼ of Sec. 12, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.6 miles south-southwest of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 1.05 miles west to a north-south crossroad; set in the top of a concrete post, in the southeast quarter of the intersection, 23 feet east of the centerline of the north-south road, 20 feet south of the centerline of the north-south road, 5.3 feet east of a fence corner post, 0.2 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 29 1964".

636.863 feet NGVD 1929

Destroyed Post Broken 3-9-99

IFC&WRC TBM LR 47, 1965

In Orange County, Paoli Quad., in the SE ¼ of Sec. 11, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.1 miles south-southwest of Orleans; 2.4 miles generally south along State Road 37 from its intersection with State Road 337 in Orleans to a "T"-road west, thence 1.05 miles west to a north-south crossroad, thence 0.6 mile south to a private driveway west; set in the northeast side of an 18-inch Walnut tree, 260 feet south of the centerline of the driveway, 18 feet west of the centerline of the road, 2.0 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 47 1965".

638.680 feet NGVD 1929

IFC&WRC BM ORA 30

In Orange County, Paoli Quad., in the NE ¼ of Sec. 14, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 4.1 miles north of Paoli; 4.3 miles generally north along State Road 37 from the Courthouse Square in Paoli to a "T"-road west, thence 1.0 mile west to a "T"-road south; set in the top of a concrete post in the southwest quarter of the junction, 40 feet west of the centerline of the road south, 19.5 feet south of the centerline of the east-west road, 1.3 feet east of a utility pole, 1.5 feet above the road, 0.2 foot above the ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 30 1964".

613.341 feet NGVD 1929

IFC&WRC TBM LR 48, 1965

In Orange County, Paoli Quad., in the North  $\frac{1}{2}$  of Sec. 13, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.9 miles north of Paoli; 4.3 miles generally north along State Road 37 from the Courthouse Square in Paoli to a "T"-road west, thence 0.55 miles west; set in the north side of a 16-inch twin-trunk Hackberry, 13 feet south of the centerline of the road, 1.5 feet above the road, 0.8 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 48 1965".

619.992 feet NGVD 1929

ISHC BM V 291 ORA

In Orange County, Paoli Quad., in the NE  $\frac{1}{4}$  of Sec. 13, T. 2 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.7 miles north-northeast of Paoli; at the State Road 37 three-span arch bridge over Lost River; set in the top of the southwest wingwall of the bridge, 23 feet west of the centerline of the road, 1.0 foot northwest of the south end of the bridge, 0.7 foot west of the west guardrail, 0.7 foot north of the south face of the wingwall, 0.9 foot above the road; a Indiana State Highway Commission bronze bench mark tablet, stamped "V 291 ORA".

624.006 feet NGVD 1929

USC&GS BM W 54, 1934

In Orange County, Paoli Quad., in the West  $\frac{1}{2}$  of Sec. 18, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.6 miles north-northeast of Paoli; 3.8 miles generally north along State Road 37 from the Courthouse Square in Paoli to a "T"-road east, thence 0.25 mile east to the Monon Railroad crossing; set in the top of a concrete post in the northeast quarter of the intersection, 28 feet east of the east rail of the track, 18.5 feet north of the centerline of the road, 3.3 feet west of a fence line, 0.5 foot above the railway; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "W 54 1934".

626.521 feet NGVD 1929

Destroyed 3-9-99

IFC&WRC TBM LR 49, 1965

In Orange County, Paoli Quad., in the West  $\frac{1}{2}$  of Sec. 17, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.9 miles northeast of Paoli; 3.8 miles generally north along State Road 37 from the Courthouse Square in Paoli to a "T"-road east, thence 1.25 miles east to a "Y"-road northwest; set in the northwest side of a 19-inch Walnut tree, 240 feet west of the centerline of the "Y"-intersection, 13 feet south of the centerline of the east-west road, 1.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 49 1965".

691.611 feet NGVD 1929

IFC&WRC TBM LR 50

In Orange County, Paoli Quad., in the SW  $\frac{1}{4}$  of Sec. 8 T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 4.3 miles north-northeast of Paoli; 3.8 miles generally north along State Road 37 from the Courthouse Square in Paoli to a "T"-road east, thence 1.25 miles east to a "Y"-road northwest, thence 0.5 mile north-northwest to a "T"-road east; set in the base of a 12-inch concrete post, in the northeast quarter of the intersection, 25 feet east of the centerline of the north-south road, 15 feet north of the centerline of the east-west road, 1.0 foot above ground and the road; a chiseled triangle.

640.054 feet NGVD 1929

Not Found 3-9-99

IFC&WRC BM ORA 31, 1964

In Orange County, Paoli Quad., in the SE  $\frac{1}{4}$  of Sec. 7, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 4.6 miles north northeast of Paoli; 3.8 miles generally north along State Road 37 from the Courthouse Square in Paoli to a "T"-road east, thence 1.25 miles east to a "Y"-road northwest, thence 0.8 mile generally north to a single-span steel truss bridge over Lost River; set in the top at the west end of the south abutment of the bridge, 9.5 feet west of the centerline of the road, 1.2 feet south of the north face and 0.7 foot east of the west end of the abutment, 1.0 foot east of the west end of the abutment, 1.0 foot east of the west end of the abutment, 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 31 1964".

629.084 feet NGVD 1929

Destroyed 3-9-99 New Bridge

IFC&WRC TBM LR 51, 1965

In Orange County, Mitchell Quad., in the NW  $\frac{1}{4}$  of Sec. 8, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.4 miles south-southeast of Orleans; 2.3 miles south along State Road 37 from its junction with State Road 337 in Orleans to a "T"-road east, thence 1.0 mile east to a north-south crossroad; set in the north side of a 28-inch Ash tree, 62 feet south of the centerline of the east-west road, 57 feet east of the centerline of the north-south road, 0.4 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 51 1965".

703.949 feet NGVD 1929



IFC&WRC BM ORA 32, 1964

In Orange County, Mitchell Quad., in the SE ¼ of Sec. 5, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.8 miles southeast of Orleans; 1.8 miles generally east along State Road 337 from the junction with State Road 37 in Orleans to a "T"-road south, thence 1.9 miles south to a two-span steel truss bridge over Lost River; set in the top at the west end of the north abutment of the bridge, 10.5 feet west of the centerline of the road, 0.9 foot north of the south face and 0.9 foot east of the west end of the abutment, 1.1 feet below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 32 1964".

638.227 feet NGVD 1929

New Bridge Mark Destroyed (RDN)

USGS TBM "639.7"

In Orange County, Mitchell Quad., in the SE ¼ of Sec. 5, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.8 miles southeast of Orleans; 1.8 miles generally east along State Road 337 from its junction with State Road 37 in Orleans to a north-south crossroad, thence 1.9 miles south to a two-span steel truss bridge over Lost River; set in the top of the southeast end of the third tier of stone from the top of the southeast wingwall of the bridge, 28 feet north of the centerline of a "T"-road east, 25 feet east of the centerline of the north-south road, 1.4 feet northeast of the southwest face of the tier, 0.6 foot northwest of the southeast end of the tier; a chiseled square.

639.573 feet NGVD 1929

New Bridge Mark Destroyed (RDN)

IFC&WRC TBM LR 52

In Orange County, Mitchell Quad., in the SW ¼ of Sec. 3, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.6 miles southeast of Orleans; 2.9 miles generally east-southeast along State Road 337 from its junction with State Road 37 in Orleans to a "T"-road south, thence 1.4 miles south to the junction of an east-west road; set in the top of the concrete base of a corner post, 17 feet north of the centerline of the east-west road, 16 feet east of the centerline of the north-south road, 2.0 feet above the ground; a chiseled triangle.

676.506 feet NGVD 1929

IFC&WRC BM ORA 33, 1964

In Orange County, Mitchell Quad., in the NE ¼ of Sec. 4, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.1 miles east-southeast of Orleans; 2.9 miles generally east-southeast along State Road 337 from its junction with State Road 37 in Orleans to a "T"-road south, thence 0.7 mile south to a single-span steel and concrete bridge over Lost River; set in the top of the southwest bridge deck, 7.5 feet west of the centerline of the road, 2.5 feet south of the southwest corner of a 16-inch opening in the deck, 0.5 foot east of the west face of the bridge; an Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 33 1964".  
629.690 feet NGVD 1929                      New Bridge Mark Destroyed (RDN)

IFC&WRC TBM LR 53

In Orange County, Mitchell Quad., in the NE ¼ of Sec. 4, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.8 miles southeast of Orleans; 2.9 miles east-southeast along State Road 337 from its junction with State Road 37 in Orleans to a "T"-road south, thence 0.3 mile south to a private driveway west; set in the top of the north end of the east abutment of a concrete and metal bar cattle guard crossing in the driveway, 38 feet west of the centerline of the road, 6.0 feet north of the centerline of the driveway, 0.3 foot south of the north end of the abutment, level with the driveway; a chiseled triangle.  
656.527 feet NGVD 1929

IFC&WRC TBM LR 54

In Orange County, Mitchell Quad., in the SE ¼ of Sec. 34, T. 3 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.5 miles east-southeast of Orleans; 3.6 miles east-southeast along State Road 337 from its junction with State Road 37 in Orleans to a "Y"-road east and a frame house on the south side of the road; set in the top of the south end of a three-foot concrete headwall of a 12-inch pipe under the driveway to the house, 450 feet west of the centerline intersection of the highway and the "Y"-road east, 21 feet south of the centerline of the highway, 9.0 feet east of the centerline of the driveway, 2.0 feet below the level of the driveway, 0.7 foot north of the south end of the headwall; a chiseled triangle.  
688.108 feet NGVD 1929

ISHC BM V-18 ORA

In Orange County, Mitchell Quad., in the SE  $\frac{1}{4}$  of Sec. 34, T. 3 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.7 miles east-southeast of Orleans; 3.8 miles generally east and southeast along State Road 337 from the junction with State Road 37 in Orleans to a two-span concrete arch bridge over Lost River; set in the top of the south curb wall of the bridge, 13.5 feet southwest of the centerline of the highway, 13.2 feet northwest of the southeast end of the bridge, 0.6 foot above the highway; a Indiana State Highway Commission bench mark tablet, stamped "V-18 ORA".  
659.946 feet NGVD 1929                      Recovered March 2006 (RDN)

IFC&WRC TBM LR 55, 1965

In Orange County, Mitchell Quad., in the SW  $\frac{1}{4}$  of Sec. 35, T. 3 N., R. 1 E., 2<sup>nd</sup> PM.; about 4.0 miles east-southeast of Orleans; 3.8 miles generally east-southeast along State Road 337 from its junction with State Road 37 in Orleans to a two-span concrete arch bridge over Lost River, thence 0.4 mile southeast along State Road 337 to a lone twin-forked Ash tree; set in the northwest side of a 24-inch and a 30-inch twin-fork Ash tree, 27 feet northeast of the centerline of the highway, 205 feet southeast of a 12-inch pipe culvert under the highway, 2.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 55 1965".  
651.288 feet NGVD 1929

IFC&WRC TBM LR 56, 1965

In Orange County, Campbellsburg Quad., in the North  $\frac{1}{2}$  of Sec. 2, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.8 miles south of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 1.5 miles south to a "T"-road west, thence 0.5 mile west to a private driveway south leading to an abandoned farm; set in the west side of a 24-inch Maple tree, 285 feet east of the centerline of the driveway, 18 feet south of the centerline of the road, 1.0 foot above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 56 1965".  
679.541 feet NGVD 1929

USGS BM 72 M 1946

In Orange County, Campbellsburg Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 3 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.8 miles south of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 1.5 miles south to a "T"-road west; set in the top of a concrete post in the northwest quarter of the junction, 60 feet north of the centerline of the "T"-road west, 60 feet west of the centerline of the "T"-road west, 60 feet west of the centerline of the north-south road, 8 feet north of utility pole no. 1729; a U.S. Geological Survey bench mark tablet, stamped "72 M 1946 719".

718.694 feet NGVD 1929

IFC&WRC TBM LR 57

In Orange County, Campbellsburg Quad., in the West  $\frac{1}{2}$  of Sec. 1, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.2 miles south of Leipsic; at the Potato Road 30-foot single span concrete bridge over Carters Creek; set in the top of the northeast wingwall of the bridge, 85 feet south of the centerline of a "T"-road east, 12 feet east of the centerline of Potato Road, 2.5 feet above the road, 1.0 foot southwest of the northeast end of the wingwall; a chiseled triangle.

664.490 feet NGVD 1929

IFC&WRC BM ORA 34, 1964

In Orange County, Campbellsburg Quad., in the East  $\frac{1}{2}$  of Sec. 2, T. 2 N., R. E., 2<sup>nd</sup> PM.; about 2.4 miles south of Leipsic; at the Potato Road single-span steel truss bridge over Lost River; set in the top of the southeast concrete wingwall of the bridge, 11.0 feet east of the centerline of the road, 6.4 feet northwest of the southeast end and 0.5 foot southwest of the northeast face of the wingwall, 2.0 feet above the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 34 1964".

663.742 feet NGVD 1929

Recovered March 2006 (RDN)

USGS BM 73 M 1946

In Orange County, Campbellsburg Quad., in the North  $\frac{1}{2}$  of Sec. 11, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.9 miles south of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a T-road east, thence 3.0 miles east and south to the intersection with S.R. 337; set in the top of a concrete post, 40 feet south-southwest from the centerline of the highway, 61 feet west from the centerline of the north-south road, 7.0 feet west of a highway right-of-way post, 1.0 foot north of a fence line, 0.3 foot below ground; a U.S. Geological Survey bench mark tablet, stamped "73 M 1946 711".

710.326 feet NGVD 1929

IFC&WRC BM ORA 35, 1964

In Orange County, Campbellsburg Quad., in the NE  $\frac{1}{4}$  of Sec. 12, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.1 miles south-southeast of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 2.6 miles south to a crossroad, thence 0.15 mile southeast to a "T" road northeast, thence 0.7 mile generally northeast and then generally southeast to a small bridge over a tributary to Lost River; set in the top at the southwest end of the northwest abutment of the bridge, 7.5 feet southwest of the centerline of the road, 2.4 feet northeast of the southeast face of the abutment; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 35 1964".

666.781 feet NGVD 1929

USGS TBM UE 666.8

In Orange County, Campbellsburg Quad., in the NE  $\frac{1}{4}$  of Sec. 12, T. 2 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.1 miles south-southeast of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 2.6 miles south to a crossroad, thence 0.15 mile southeast to a "T" road northeast, thence 0.7 mile generally northeast and then generally southeast to a 11-foot concrete bridge over a tributary to Lost River; set in the top of the east wingwall of the bridge, 8.5 feet northeast of the centerline of the road, 3.8 feet southeast of the southeast end of a steel guardrail, 1.1 feet northwest of the southeast end and 0.4 foot southwest of the northeast face of the wingwall; a chiseled cross.

666.837 feet NGVD 1929

IFC&WRC TBM LR 58, 1965

In Orange County, Livonia Quad., in the NW  $\frac{1}{4}$  of Sec. 7, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.8 miles west of Claysville; 2.7 miles west along a county road from the crossroads in Claysville to a north-south road, thence 0.2 mile south to an east-west crossroad, thence 0.4 mile west and northwest to a stone house on southwest side of the road; set in the southwest side of a 36-inch Sycamore tree, 210 feet northwest of the centerline of the concrete driveway, 28 feet northeast of the centerline of the road, 14 feet northeast of a fence line, 1.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 58 1965".  
674.769 feet NGVD 1929

USGS TBM UE 679.0

In Orange County, Livonia Quad., in the South  $\frac{1}{2}$  of Sec. 7, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.5 miles west of Claysville; 2.7 miles generally west along a county road from the crossroads in Claysville to a north-south road, thence 0.1 mile south to a single-span steel truss bridge over Lost River; set in the top of the southwest concrete wingwall of the bridge, 9.5 feet west of the centerline of the road, 7.2 feet north of the south end and 0.7 foot east of the west face of the wingwall, 1.4 feet above the road; a chiseled cross.  
679.073 feet NGVD 1929

IFC&WRC BM ORA 36, 1964

In Orange County, Livonia Quad., in the South  $\frac{1}{2}$  of Sec. 7, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.5 miles west of Claysville; 2.7 miles generally west along a county road from the crossroads in Claysville to a north-south road, thence 0.1 mile south to a single-span steel truss bridge over Lost River; set in the top at the south end of the northwest wingwall of the bridge, 9.0 feet west of the centerline of the road, 1.4 feet north of the south end and 0.9 foot east of the west face of the wingwall, 1.5 feet above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "ORA 36 1964".  
679.425 feet NGVD 1929

IFC&WRC TBM LR 59, 1965

In Orange County, Livonia Quad., in the East ½ of Sec. 18, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.7 miles west-southwest of Claysville; 1.0 mile south along a county road from the crossroads in Claysville to a "T"-road west, thence 2.6 miles west to a north-south road; set in the north side of a 28-inch Maple tree, 155 feet west of the centerline of the north-south road, 13 feet south of the centerline of the east-west road, 0.5 foot above the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 59 1965".

741.789 feet NGVD 1929

IFC&WRC BM ORA 39, 1964

In Orange County, Livonia Quad., in the West ½ of Sec. 17, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.0 miles southwest of Claysville; 1.0 mile south along a county road from the crossroads at Claysville to a "T"-road west, thence 1.75 miles west to a small bridge over South Fork Lost River; set in the top at the south corner of the bridge floor, 7.5 feet southeast of the centerline of the road, 5.3 feet northeast of the southwest end and 0.7 foot northwest of the southeast face of the bridge; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 39 1964".

691.092 feet NGVD 1929

IFC&WRC TBM LR 60, 1965

In Washington County, Livonia Quad., in the West ½ of Sec. 16, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 1.3 miles southwest of Claysville; 1.0 mile south along a county road from the crossroads in Claysville to a "T"-road west, thence 0.8 mile west to a secondary "T"-road north; set in the west side of an 18-inch Walnut tree, 40 feet north of the centerline of the "T"-road north, 26 feet northwest of a fence corner post, 0.4 foot above ground; a railroad spike driven through an aluminum tag, stamped "TBM LR 60 1965".

759.368 feet NGVD 1929

USGS TBM UE 718.9

In Washington County, Livonia Quad., in the North ½ of Sec. 9, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 0.5 mile west of Claysville; 0.5 mile west along a county road from the crossroads in Claysville to a "T"-road north; set in the middle of the top of the north concrete headwall of a 18-inch pipe culvert under the east-west road, 17 feet east of the centerline of the "T"-road north, 13 feet north of the centerline of the east-west road, 0.6 foot south of the north face of the headwall; a chiseled cross.

718.906 feet NGVD 1929

IFC&WRC TBM LR 69

In Orange County, Livonia Quad., in the East ½ of Sec. 8, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 1.2 miles west of Claysville; 1.25 miles west along a county road from the crossroads in Claysville to a 12-foot concrete bridge over a tributary to Lost River; set in the top of the southwest end of the southwest wingwall of the bridge, 12 feet south of the centerline of the road, 1.8 feet northeast of the southwest end and 0.6 foot northwest of the southeast face of the wingwall; a chiseled triangle.

694.261 feet NGVD 1929

IFC&WRC BM ORA 38, 1964

In Orange County, Livonia Quad., in the NE ¼ of Sec. 8, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 1.5 miles west of Claysville; 1.5 miles west along a county road from the crossroads in Claysville to a private drive south, thence 0.05 mile south to a concrete bridge over Lost River; set in the top at the northeast corner of the bridge floor, 10.5 feet east of the centerline of the road, 11.5 feet south of the north end of the bridge, 0.5 foot west of the east face of the bridge, about level with the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 38 1964".

685.534 feet NGVD 1929

IFC&WRC TBM LR 70, 1965

In Orange County, Livonia Quad., in the SE ¼ of Sec. 7, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.2 miles west of Claysville; 2.3 miles generally west along a county road from the crossroads in Claysville to a frame house north of the road; set in the south side of an 18-inch Locust tree, 100 feet west of the centerline of the driveway to the house, 15 feet south of the centerline of the road, 2.5 feet above the ground, about level with the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 70 1965".

688.066 feet NGVD 1929



IFC&WRC TBM LR 71

In Orange County, Campbellsburg Quad., in the SE ¼ of Sec. 6, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 3.1 miles southeast of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 0.2 mile south to a "T" road east, thence 0.75 mile east to a turn south, thence 0.25 mile south to a turn east, thence 0.8 mile east to a "T" road south, thence 1.8 mile south to a private driveway east leading to a farm; set in the top of the north end of the west abutment of a concrete and metal bar cattle guard crossing, 37 feet east of the centerline of the road, 5 feet north of the centerline of the driveway, 0.8 foot south of the north end of the abutment, about level with the road; a chiseled triangle.

744.116 feet NGVD 1929

IFC&WRC TBM LR 72

In Orange County, Campbellsburg Quad., in the North ½ of Sec. 6, T. 2 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.6 miles southeast of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 0.2 mile south to a "T" road east, thence 0.75 mile east to a turn south, thence 0.25 mile south to a turn east, thence 0.8 mile east to a "T" road south, thence 1.1 mile south to a 20-foot, single-span concrete bridge; set in the top of the northeast wingwall of the bridge, 10.5 feet east of the centerline of the road, 2.5 feet northeast of the north end of the east guardrail, 0.5 foot southwest of the northeast end and 0.6 foot northwest of the southeast face of the wingwall, 1.5 feet below the road; a chiseled triangle.

715.919 feet NGVD 1929

IFC&WRC BM ORA 37, 1964

In Orange County, Campbellsburg Quad., in the South ½ of Sec. 31, T. 3 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.4 miles southeast of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 0.2 mile south to a "T" road east, thence 0.75 mile east to a turn south, thence 0.25 mile south to a turn east, thence 0.8 mile east to a "T" road south, thence 0.8 mile south to a single-span steel truss bridge over Carters Creek; set in the top of the southwest wingwall of the bridge, 10 feet west of the centerline of the road, 2.0 feet southwest of the south end of the west headwall, 0.6 foot southeast of the northwest face of the wingwall, about level with the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "ORA 37 1964".

693.422 feet NGVD 1929

IFC&WRC TBM LR 73, 1965

In Orange County, Campbellsburg Quad., in the South  $\frac{1}{2}$  of Sec. 30, T. 3 N., R. 2 E., 2<sup>nd</sup> PM.; about 1.9 miles southeast of Leipsic; 0.3 mile south along a paved road from the Monon Railroad crossing in Leipsic to a "T"-road east, thence 0.2 miles east to a turn south (Potato Road), thence 0.2 mile south to a "T" road east, thence 0.75 mile east to a turn south, thence 0.25 mile south to a turn east, thence 0.8 mile east to a "T" road south; set in the south side of a 18-inch Walnut tree, 195 feet west of the centerline of the "T"-road south, 18.5 feet north of the centerline of the east-west road, 3.5 feet north of the fence line, 1.5 feet above the level of the road; a railroad spike driven through an aluminum tag, stamped "TBM LR 73 1965".

750.580 feet NGVD 1929

IFC&WRC TBM LR 74, 1965

In Orange County, Campbellsburg Quad., in the SE  $\frac{1}{4}$  of Sec. 25, T. 3 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.3 miles southeast of Leipsic; 0.2 mile north along a paved road from the Monon Railroad crossing in Leipsic to an east-west road, thence 1.25 miles east to a north-south crossroad, thence 0.6 mile south to a frame house and barn on the east side of the road; set in the east side of a 26-inch Oak tree, 350 feet north of the centerline of the driveway to the barn, 39.5 feet west of the centerline of the main road, 1.0 foot above the ground; a railroad spike driven though an aluminum tag, stamped "TBM LR 74 1965".

749.955 feet NGVD 1929

USC&GS LEIPSIC 1946 Azimuth

In Orange County, Campbellsburg Quad., in the NE  $\frac{1}{4}$  of Sec. 25, T. 3 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.3 miles east of Leipsic; 0.2 mile north along a paved road from the Monon Railroad crossing in Leipsic to the junction of an east-west road, thence 1.25 miles east to a north-south crossroad; set in the top of a concrete post, in the southwest quarter of the intersection, 23.5 feet west of the centerline of the east-west road, 11 feet southwest of a 12-inch pipe culvert under the north-south road, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey azimuth mark tablet, stamped "Leipsic 1946".

748.666 feet NGVD 1929

USC&GS LEIPSIC RM 2, 1946

In Orange County, Campbellsburg Quad., in the South 1/2 of Sec. 24, T. 3 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.8 mile east-northeast of Leipsic; 0.2 mile north along a paved road from the Monon Railroad crossing in Leipsic to the junction with an east-west road, thence 0.75 mile east to a private drive south; set in the top of a concrete post, 122 feet west of the extended centerline of the drive south, 17.5 feet north of the centerline of the east-west road, 1.0 foot north of a fence line, about 4 feet above the road; a U.S. Coast and Geodetic Survey reference mark tablet, stamped "Leipsic 2 1946".

744.277 feet NGVD 1929

DNR BM FL & LR 1, 1984

In Orange County, French Lick Quad, in the SE 1/4 of Sec. 22 T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.0 mile north of Prospect; about 0.9 mile north along 825 West Road from its intersection with State Road 56 to a turn west; set in the top of a concrete post, 34.0 feet southwest of the centerline of 825 West Road, 27.0 feet south of the centerline of the road west, 15.1 feet southwest of the south end of a pipe culvert under the road to the west, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 1 1984".

612.749 feet NGVD 1929

DNR BM FL & LR 2, 1984

In Orange County, French Lick Quad, in the SE 1/4 of Sec. 23, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.5 miles northeast of Prospect; 0.6 mile north along 725 West Road from its intersection with State Road 56 to a doublewide mobile home with a stone foundation (Wilkinson residence) on east side of the road; set in the top of a concrete post, 62.7 feet north of a power pole, 61.2 feet southwest of and across the drive from a power pole, 25.0 feet east from the centerline of the driveway to the residence, level with the road, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 2 1984".

576.110 feet NGVD 1929

Position Data : 2<sup>nd</sup> Order Class II                      NAD 1927

Geodetic Position :  $\phi = \text{ }^\circ \text{ ' } \text{''}$                                        $\lambda = \text{ }^\circ \text{ ' } \text{''}$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 640,044.609                      Northing : 397,447.010

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
BADEN 1946 1984	$\text{ }^\circ \text{ ' } \text{''}$	53° 12' 34"	13,228.654

DNR BM FL & LR 3, 1984

In Orange County, French Lick Quad., in the NW  $\frac{1}{4}$  of Sec. 27, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at the west edge of Prospect; about 0.2 mile west along US 150 from its intersection with State Road 56, near the US 150 sign; set in the top of a concrete post, 275.0 feet west of the Prospect City Limits sign, 37.0 feet north of and across U.S. 50 from a metal "SPEED LIMIT" sign post, 16.5 feet north of the centerline of US 150, 1.0 foot below the centerline of the highway, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 3 1984".

484.797 feet NGVD 1929

DNR BM FL & LR 4, 1984

In Orange County, French Lick Quad., in the SE  $\frac{1}{4}$  of Sec. 26, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.0 mile east of West Baden Springs; 1.0 mile east along Abydel Road from its intersection with State Road 56 to a private drive north (B.J. Evans Residence); set in the top of a concrete post, 14.8 feet north of the centerline of the paved road, 12.0 feet east of the centerline of the private drive north, 2.4 feet southwest of a white fence corner post, level with the road, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 4 1984".

602.455 feet NGVD 1929

DNR BM FL & LR 5, 1984

In Orange County, French Lick Quad., in the NE  $\frac{1}{4}$  of Sec. 26, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.4 miles east of Prospect; at the "T" road intersection of U.S. 150 and 725 West Road, in the northeast  $\frac{1}{4}$  of the intersection; set in the top of a concrete post, 71.2 feet east of the centerline of 725 West Road, 45.8 feet southeast of the east end of a culvert under 725 West Road, 45.8 feet southeast of the southeast corner of the "TRI STATE VENEER" (stone – masonry) sign, 23.2 feet north of the centerline of U.S. 150, 3.0 feet below the highway, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 5 1984".

484.927 feet NGVD 1929

DNR BM FL & LR 6, 1984

In Orange County, French Lick Quad, in the NW of ¼ Sec. 34, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at West Baden Springs; at the West Baden Springs(Domed) Hotel; 0.45 mile west and north along a brick road from its intersection with State Road 56 in West Baden to a bend in the road to the west; set in the top of a concrete post, 36.4 feet west of the centerline of the road north. 33.2 feet south of the centerline of the road west, 28.1 feet east of a light pole, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 6 1984".

533.155 feet NGVD 1929

DNR BM FL & LR 7, 1984

In Orange County, French Lick Quad., in the NE ¼ of Sec. 35, T. 2 N., R 2 W., 2<sup>nd</sup> PM.; about 0.4 mile east-northeast of West Baden Springs; about 0.3 mile east along Sinclaire Street from its intersection with State Road 56 to a north-south road (Russelville Road), thence about 0.75 mile north and east; set in the top of a concrete post, 9.2 feet north of the centerline of the road, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 7 1984".

This mark was established in 1984 for a proposed mapping project. It was never tied in due to the cancellation of the project.

DNR BM FL & LR 8, 1984

In Orange County, French Lick Quad., in the SW ¼ of Sec. 34, T. 2 N., R 2 W., 2<sup>nd</sup> PM.; about 0.4 mile north of French Lick; about 0.55 mile northwest along Monon Street (Mount Aires Road) from its intersection with State Road 56 to a crossroad (Red Quarry Road), thence southwest along the crossroad (Red Quarry Road) for about ¼ mile to the mark on the south side of the road; set in the top of a concrete post, 16.5 feet northwest of a 16" tree, 15.7 feet south of the centerline of the road, about level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 8 1984".

487.328 feet NGVD 1929

DNR BM FL & LR 8 1984 Reference Mark # 1; a # 5 rebar and D.N.R. aluminum cap.

55.7 feet west of the station mark.

15.3 feet south of the centerline of the road.

3.0 feet north of an 18" Locust tree

DNR BM FL & LR 8 1984 Reference Mark # 2; a # 5 rebar and D.N.R. aluminum cap.

16.3 feet east of the station mark.

15.1 feet south of the centerline of the road

3.4 feet north of a 16" tree (same tree as in description of station mark).

DNR BM FL & LR 9, 1984

In Orange County, French Lick Quad. in the NW  $\frac{1}{4}$  of Section 2, Township 1 N., R 2 W., 2<sup>nd</sup> PM.; about 0.5 mile northeast of French Lick; about 0.85 mile generally east along a paved road from its "T" intersection with State Road 56 to a brown and white trailer on the south side of the road; set in the top of a concrete post, 58.9 feet east of the northeast end of the northeast wing of a culvert, 29 feet west of the centerline of a driveway, 27 feet south of the centerline of the road, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 9 1984".

This mark was established in 1984 for a proposed mapping project. It was never tied in due to the cancellation of the project.

DNR BM FL & LR 10, 1984

In Orange County, French Lick Quad. in the SW  $\frac{1}{4}$  of Section 3, Township 1 N., R 2 W., 2<sup>nd</sup> PM.; at French Lick; at the intersection of Wells Street and Jackson Street, in the northwest  $\frac{1}{4}$  of the intersection; set in the sidewalk, 23.3 feet north of the centerline of Wells Street, 29.7 feet west of the centerline of Jackson Street, 10 feet west of the east end of the sidewalk, about 0.9 foot from a concrete block wall; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 10 1984".

517.247 feet NGVD 1929

NOTE: Due to this mark being set in a sidewalk its vertical stability is in doubt. Please use with caution!

DNR BM FL & LR 11, 1984

In Orange County, French Lick Quad. in the SE  $\frac{1}{4}$  of Section 3, Township 1 N., R 2 W., 2<sup>nd</sup> PM.; at French Lick; about 0.5 mile east along Adams Street from its intersection with State Road 56 to a turn south, thence 0.1 mile south to Ohio Street, thence 0.1 mile east along Ohio Street to a asphalt road to the north, in the northwest  $\frac{1}{4}$  of the intersection; set in the top of a concrete post, 15.9 feet north of the centerline of Ohio Street, 15.9 feet west of the centerline of the road, 5.2 feet southwest of a power pole, level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "FL & LR 11 1984".

This mark was established in 1984 for a proposed mapping project. It was never tied in due to the cancellation of the project.

DNR TBM FL & LR 12, 1984

In Orange County, French Lick Quad.; in the South 1/2 of Section 2, T. 1 N., R 2 W., 2<sup>nd</sup> PM.; about 1 mile east of French Lick; about 1 mile south along State Road 145 from its intersection with State Road 56 to a crossroad, thence east along the crossroad about 0.4 mile to a "T" road, thence north and northeast on the "T" road for about 0.4 mile to a white one story house, and the mark on the right; set in the west side of power pole # 7-83, 84.5 feet southwest of and across the road from a power pole, about 80 feet southeast of and across the road from the southwest corner of the house, 14 feet south of the centerline of the road, and about 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM FL & LR 12, 1984".

532.937 feet NGVD 1929

DNR BM FL & LR 13, 1984

In Orange County, French Lick Quad., in the NW 1/4 of Sec. 11, T. 1 N., R. 2 W., 2<sup>nd</sup> PM.; about 0.3 mile southeast of French Lick; about 0.4 mile east along a County Road from its "T" intersection with State Road 145 to a "T" road north-south, thence about 0.2 mile south and southeast to a private drive to the north, in the northeast 1/4 of the intersection; set in the top of a concrete post, 87.1 feet west of power pole #197/746, 47.4 feet east of power pole #197/745, 16.6 feet south of the centerline of the road, level with the ground; a Department of Natural Resources control station tablet, stamped "FL & LR 13 1984".

This mark was established in 1984 for a proposed mapping project. It was never tied in vertically due to the cancellation of the project.

DNR BM FL & LR 14, 1984

In Orange County, French Lick Quad., in the NW 1/4 of Sec. 10, T. 1 N., R. 2 W., 2<sup>nd</sup> PM.; at French Lick; 0.7 mile south along Indiana Street from its intersection with State Road 56; set in the top of a concrete post, 59.9 feet east of a power pole without a number, 49.3 feet southwest of and across the road from power pole #193-767, 25.4 feet southeast of the centerline of Indiana Street, about level with the ground; a Department of Natural Resources control station tablet, stamped "FL & LR 14 1984".

This mark was established in 1984 for a proposed mapping project. It was never tied in vertically due to the cancellation of the project.

Position Data : 2<sup>nd</sup> Order Class II NAD 1927

Geodetic Position :  $\phi = \text{ }^\circ \text{ ' } \text{ ''}$   $\lambda = \text{ }^\circ \text{ ' } \text{ ''}$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 631,223.092 Northing : 378,739.279

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
FL&LR 23	$\text{ }^\circ \text{ ' } \text{ ''}$	256° 01' 50"	4.848.463

DNR BM FL & LR 15, 1984

In Orange County, French Lick Quad., in the NE  $\frac{1}{4}$  of Sec. 10, T. 1 N., R. 2 W., 2<sup>nd</sup> P.M.; about 0.75 miles south of French Lick; south along old State Road 145 (Adams St.) about 1.4 miles from its intersection with State Road 56 to the mark on the east side of the road; set in the top of a concrete post, 35.7 feet northeast of and across the road from power pole #198-705, 23.4 feet southwest of another power pole, 11.6 feet east of the centerline of the road, about level with the ground; a Department of Natural Resources control station tablet.  
506.670 feet NGVD 1929

DNR BM FL & LR 16

CONTROL STATION FL&LR 16 was never set.

DNR BM FL & LR 17

CONTROL STATION FL&LR 17 WAS NEVER SET.

DNR BM FL & LR 18, 1984

In Orange County, French Lick Quad., in the NW  $\frac{1}{4}$  of Sec. 35, T. 2 N., R. 21 W., 2<sup>nd</sup> P.M.; about 0.1 mile northeast of West Baden Springs; about one-half mile east along Sinclair Street and other roads to a "T" road north; set in the top of a concrete post, 304 feet north of the centerline of the east-west road, 225 feet north of a CMP under the north-south road, 14 feet west of the centerline of the north-south road, 23.4 feet southeast of a steel "U" section W. post near the northeast corner of a low open field, about 0.5 foot below the ground; a Department of Natural Resources control station tablet.

This mark was established in 1984 for a proposed mapping project. It was never tied in due to the cancellation of the project.



DNR BM FL & LR 19, 1984

In Orange County, French Lick Quad., in the SE ¼ of Sec. 34, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at West Baden Springs; about 0.3 mile east along Sinclair Street from its intersection with State Road 56, at the "T" road intersection of Sinclair Street and Russell Street; set in the top of a culvert headwall, 77.5 feet west of the centerline of the north-south "T" road (Russel St.), 11.5 feet north of the centerline of Sinclair Street, 3.2 feet east of the west end of the culvert headwall, 4.8 feet west of the east end of the culvert headwall, about 0.5 foot above the level of the road; a Department of Natural Resources control station tablet, stamped "FL & LR 19 1984".

494.996 feet NGVD 1929 ( To be Destroyed in 2008 per contractor)

DNR BM FL & LR 20, 1984

In Orange County, French Lick Quad., in the NW ¼ of Sec. 34, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at West Baden Springs; at the Intersection of State Road 56 and Sinclair Street; set in the top of a concrete post, 181 feet south of the centerline of Sinclair Street, 53.3 feet northeast of the southeast corner of the concrete base of the south most of two 3-inch Mark 22 naval deck guns (Gun Serial #2579), 39.1 feet northeast of the northeast corner of the "Phillips-Grigsby" Post No. 149 building, 28.7 feet west of the centerline of State Road 56; a Department of Natural Resources control station tablet, stamped, "FL & LR 20 1984".

484.943 feet NGVD 1929

DNR BM FL & LR 20, 1984 R.M. #1; 18.5 feet south of the station mark, 36.9 feet due east of the northeast corner of the Post No. 146 building, 26.6 feet west of the centerline of State Road 56, 14.1 feet north of the north edge of the sidewalk to the building; a # 5 rebar with an unstamped aluminum cap.

DNR BM FL & LR 20, 1984 R.M. #2; 33.8 feet west of the station mark, 17.7 feet west of the station mark, 17.7 feet due north of the northeast corner of the Post No. 146 building, 56.5 feet west of the centerline of State Road 56; a # 5 rebar with an unstamped aluminum cap.

DNR BM FL & LR 21, 1984

In Orange County, French Lick Quad., in the N ½ of Sec. 3, T. 1 N., R. 2 W., 2<sup>nd</sup> P.M.; at French Lick; at the intersection of State Road 145 and State Road 56; set in the top of a concrete post, 106 feet northeast of the centerline of State Road 145, 33.2 feet southeast of the centerline of State Road 56, 29.9 feet northeast of a state highway right of way monument, about 3 feet below the level of the road; a Department of Natural Resources control station tablet, stamped, "FL & LR 21 1984".

483.643 feet NGVD 1929

Position Data : 2<sup>nd</sup> Order Class II                      NAD 1927

Geodetic Position :  $\phi = \text{ }^\circ \text{ ' } \text{''}$                        $\lambda = \text{ }^\circ \text{ ' } \text{''}$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 633,328.304                      Northing : 383,866.573

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
BADEN 1946 1984	$\text{ }^\circ \text{ ' } \text{''}$	145° 34' 32"	6,859.106
FL&LR 22	$\text{ }^\circ \text{ ' } \text{''}$	304° 49' 34"	2,198.440

DNR BM FL & LR 22, 1984

In Orange County, French Lick Quad., in the NE ¼ of Sec. 3, T. 1 N., R. 2 W., 2<sup>nd</sup> P.M.; at French Lick; across State Road 145 from the Medco Center; set in the top of a concrete post, 71 feet north of light pole # I 193-962, 37 feet east of a telephone company box # ABZ-Z and a witness post, 32.6 feet northeast of the centerline of State Road 145, 11.2 feet southeast of the centerline of an abandoned asphalt drive to the northeast, about 0.2 foot below the ground; a Department of Natural Resources control station tablet, stamped, "FL & LR 22 1984".

490.841 feet NGVD 1929

Position Data : 2<sup>nd</sup> Order Class II                      NAD 1927

Geodetic Position :  $\phi = \text{ }^\circ \text{ ' } \text{''}$                        $\lambda = \text{ }^\circ \text{ ' } \text{''}$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 635,132.980                      Northing : 382,611.071

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
FL&LR 21	$\text{ }^\circ \text{ ' } \text{''}$	124° 49' 34"	2,198.440
FL&LR 23	$\text{ }^\circ \text{ ' } \text{''}$	343° 35' 51"	2,815.958

DNR BM FL & LR 23, 1984

In Orange County, French Lick Quad., in the SE ¼ of Sec. 3, T. 1 N., R. 2 W., 2<sup>nd</sup> P.M.; at French Lick; about 0.95 mile south along State Road 145 from its intersection with State Road 56, in the rear (east side) of the Kimball International Electronics plant, near the storage tank and pump house; set in the top of a 10 inch diameter concrete post, 37.9 feet south of the clean-out entrance to the storage tank, 35.1 feet north of the centerline of the north-south gravel drive (not the paved road), 22.4 feet west of the southwest corner of the pump house, about flush with the ground; a Department of Natural Resources aluminum control station tablet, stamped "FL & LR 23 1984".

486.717 feet NGVD 1929

Position Data : 2<sup>nd</sup> Order by NGS                      NAD 1927

Geodetic Position :  $\phi = 38^{\circ} 32' 32.4079''$                        $\lambda = 86^{\circ} 36' 29.1778''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 635,928.1609                      Northing : 379,909.7173

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
BADEN 1946 1984	146° 19' 41.2"	146° 01' 55.2"	11,593.124
FL&LR 22	163° 53' 37"	163° 35' 51"	2,815.958
FL&LR 14	76° 19' 36"	76° 01' 50"	4,848.463

DNR TBM 1-10284, 1987

In Orange County, French Lick Quad., in the NW ¼ of Section 11, T. 1 N., R. 2 W., 2<sup>nd</sup> PM. About 0.5 mile east-southeast of French Lick; approximately 1.0 mile south and east along State Road 145 from its intersection with State Road 56 to George Road, thence 0.5 mile east to a "T"-road intersection; set in the northeast side of power pole # 869-7047, in the southwest corner of the intersection, 31.0 feet west of the centerline of the road, 69.0 feet south of the extended centerline of the road, 0.3 foot above the ground; a railroad spike.

501.534 feet NGVD 1929

DNR TBM 20-10284, 1984

In Orange County, French Lick Quad., in the NE ¼ of Sec. 34, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at West Baden Springs; at the main entrance to the West Baden College (abandoned); set in the east side of a 24" Maple tree, 256.0 feet west of the centerline of State Road 56 (Broadway Street), 33.0 feet south of the centerline of West Baden Street (the east bound lane), 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "DNR TBM 20-10284".

487.646 feet NGVD 1929

Indiana State Highway B.M. V365 ORANGE

In Orange County, French Lick Quad, in the SE ¼ of Sec. 3, T. 1 N., R. 2 W., 2<sup>nd</sup> PM.; at the State Road 145 three span concrete bridge over French Lick Creek; set in the southwest concrete wingwall of the bridge, 20.0 feet west of the centerline of the highway, 1.0 foot north of the south end of the bridge, 1.0 foot above the bridge deck; a Indiana State Highway Commission disk, stamped "V 365 Orange".

498.654 feet NGVD 1929                      New Bridge    Mark Destroyed

DNR BM ORA 19 RESET 1984

In Orange County, French Lick Quad., in the North ½ of Sec. 26, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; about 1.0 mile east of Prospect; at the U.S. 150 bridge over Lost River; set in the top of the south end of the east concrete bridge seat, 18.0 feet south of the centerline of the highway, 1.5 feet below the road, 1.7 feet southeast of the northwest face of the bridge seat; a Indiana Department of Natural Resources control station tablet, stamped "ORA 19 RESET 1984".

489.133 feet NGVD 1929                      New Bridge    Mark Destroyed

USGS BM 83 M 1946

In Orange County, Georgia Quadrangle, in the Northwest ¼ of Section 32, Township 3 North, Range 1 West, 2<sup>nd</sup> PM; approximately 1.6 miles north of Orangeville; at the "T" road intersection of 500 West Road and 650 North Road, at the southeast corner of the Bethel Church Cemetery; set in the top of a concrete post, 67.0 feet east of a 70 inch maple tree that is in the cemetery fence line, 53.3 feet northwest of a telephone pedestal box, 14.9 feet north of the centerline of 650 North Road, 11.8 feet east of the extended centerline of 500 West Road, 3.5 feet southwest of a power pole, 0.2 foot below the level of the road; a U.S. Geological Survey brass tablet, stamped "83 M 1946 586".

585.668 feet NGVD 1929                      3<sup>rd</sup> Order                      178.5120 meters NGVD 1929

DNR TBM WD 4, 1996

In Orange County, Georgia Quadrangle, in the Southwest ¼ Section 20, Township 3 North, Range 1 West, 2<sup>nd</sup> PM; approximately 3.0 miles north of Orangeville; approximately 2.0 miles generally north along 450 West Road from its "T" intersection with 650 North Road to a gravel drive leading west; set in the west side of a power pole, 41.3 feet north of a wood mailbox post, 36.0 feet north of the extended centerline of the gravel drive, 14.8 feet east of the centerline of 450 West Road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM WD 4, 1996".

767.874 feet NGVD 1929                      3<sup>rd</sup> Order                      234.048 meters NGVD 1929

DNR TBM WD 5, 1996

In Orange County, Georgia Quadrangle, in the Southwest  $\frac{1}{4}$  of Section 29, Township 3 North, Range 1 West, 2<sup>nd</sup> PM; approximately 2.5 miles north of Orangeville; approximately 0.9 miles generally north along 475 West Road from its "T" intersection with 650 North Road to a power pole with a transformer; set in the east side of the power pole, 111.0 feet northwest of a mailbox, 70.4 feet north of the centerline of a gravel drive, 69.9 feet west of a telephone pedestal box, 48.0 feet west of the centerline of 475 West Road, 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM WD 5, 1996".

630.861 feet NGVD 1929

3<sup>rd</sup> Order

192.287 meters NGVD 1929

DNR TBM WD 6, 1996

In Orange County, Georgia Quadrangle, in the Northwest  $\frac{1}{4}$  Section 32, Township 3 North, Range 1 West, 2<sup>nd</sup> PM; approximately 1.7 miles north of Orangeville; approximately 0.25 miles generally north along 475 West Road from its "T" intersection with 650 North Road to power pole; set in the east side of the power pole, 175 feet north of a telephone pedestal box, 20.0 feet west of the centerline of 475 West Road, 3.0 feet above the level of the road, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM WD 6, 1996".

587.033 feet NGVD 1929

3<sup>rd</sup> Order

178.928 meters NGVD 1929

INDIANA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER  
PATOKA LAKE RESERVOIR

DNR BM PAT 1, 1997

In Dubois County, Birdseye Quad, in the NE ¼ of Section 1, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 2.5 miles west of Wickliffe; near the northeast corner of the State Road 164 bridge over Lick Fork Creek, on the Patoka Lake causeway; set in the top of a 8 inch diameter concrete post, 25.9 feet north of the centerline of State Road 164, 14.6 feet northwest of an aluminum post for a sign reading "NO PARKING ANYTIME", 10.7 feet east of the northeast corner of the northeast bridge abutment, 3.4 feet north of the north face of the aluminum guardrail, 3.8 feet northeast of an orange carsonite witness post, about 2 feet below the level of State Road 164, about 0.4 feet below the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 1 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: Second Class II

Geoid 96 Height: -32.760

Easting: 934555.5860 Northing: 346943.8069 **Elevation: 168.346**

Lat: N 38 22 21.960942 Long: W 86 41 16.38459 Ellipse Height: 135.586

DNR BM PAT 2, 1997

In Crawford County, Taswell Quad, in the SW ¼ of Section 3, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 1.3 miles east of Wickliffe; about 0.2 miles northeast along State Road 145 from its intersection with State Road 164, about 210 feet northeast along State Road 145 from its intersection with a County Road leading to the east, near the northeast end of the northwest aluminum guardrail of a causeway; set in the top of a 8 inch diameter concrete post, about 33 feet northwest of the centerline of State Road 145, 19.8 feet southwest of the west most post of a sign of a bicycle, 9.3 feet northwest of the northwest corner of the northeast most aluminum "I" beam for the northwest aluminum guardrail, 9.5 feet west of an orange carsonite witness post, about 0.2 feet below the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 2 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: Second Class II

Geoid 96 Height: -32.912

Easting: 940873.7841 Northing: 346850.6454 **Elevation: 167.550**

Lat: N 38 22 17.981373 Long: W 86 36 56.115784 Ellipse Height: 134.638

DNR BM PAT 3, 1997

In Orange County, Greenbrier Quad, in the SW ¼ of Section 27, T. 1 S., R. 2 W., 2<sup>nd</sup> P.M.; about 2 miles north along State Road 145 from its intersection with State Road 164 to the Denbo residence at 255 B State Road 145 and the station on the west side of State Road 145, near the northeast corner of a small peninsula leading into Patoka Lake; set in the top of a 8 inch diameter concrete post, about 300 feet more or less north of the Orange and Crawford County Line, 164.8 feet south of the southwest corner of the southwest most "I" beam of the guardrail for the bridge over Patoka Lake, 111.2 feet north of the northwest corner of the northwest most "I" beam along the west side of the causeway, 76.9 feet west of the north most wooden post of mailbox for Denbo 255 B State Road 145, 30.1 feet south of the extended centerline of the asphalt drive leading east to Denbo's residence, 37 feet north of the approximate centerline of the gravel drive leading west to the peninsula, 1.1 feet east of an orange carsonite witness post, about 0.1 foot below the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 3 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.936

Easting: 940906.4395 Northing: 349576.8872 **Elevation: 167.313**

Lat: N 38 23 46.391653 Long: W 86 36 54.200547 Ellipse Height: 134.377

DNR BM PAT 4, 1997

In Orange County, Greenbrier Quad, in the NW ¼ of Section 14, T. 1 S., R. 2 W., 2<sup>nd</sup> P.M.; at the Painter Creek boat ramp on Patoka Lake; set in the top of a 8 inch diameter concrete post, along the centerline of the boat ramp access road, about 265 feet more or less east of the centerline of State Road 145, 45.9 feet west of the west most red "Check Station 15" sign post, 50.6 feet east of a yellow post for a traffic counter, 28.2 feet west of a "ROAD ENDS IN WATER" sign post, 17.7 feet south of the centerline of the boat ramp access road, about 0.2 foot below the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 4 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.982

Easting: 941773.8054 Northing: 354240.7326 **Elevation: 172.586**

Lat: N 38 26 17.500977 Long: W 86 36 17.459211 Ellipse Height: 139.604

DNR BM PAT 5, 1997

In Orange County, Greenbrier Quad, in the NE ¼ of Section 25, T. 1 S., R. 2 W., 2<sup>nd</sup> P.M.; at the Walls boat ramp on Patoka Lake, near the northwest corner of the ramp, near the concrete turn around area for boat trailers; set in the top of a 8 inch diameter concrete post, 83.3 feet northwest and across the boat ramp from a wooden light pole, 42.5 feet west of the approximate centerline of the asphalt road leading to the boat ramp, 6.5 feet north of the north edge of the asphalt apron, 2.8 feet north of southwest most wooden guard post, 1.1 feet south of an orange carsonite witness post, about flush with the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped " PAT 5 1997 "

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -33.0340

Easting: 944883.4436 Northing: 350637.9361 **Elevation: 168.265**

Lat: N 38 24 20.115980 Long: W 86 34 10.066057 Ellipse Height: 135.231

DNR BM PAT 6, 1997

In Orange county, Greenbrier Quad, in the SE ¼ of Section 20, T. 1 S., R. 1 W., 2<sup>nd</sup> P.M.; near the Queen City Road bridge over the Patoka Lake; set in the top of a 8 inch diameter concrete post, 182.3 feet north of the north expansion joint of the bridge, 53.8 feet south of a 3 inch diameter twin trunk Sycamore tree located on the west side of the road, 19.5 feet west of the centerline of the road, 5.5 feet west of the west edge of the aluminum guard rail, 1.1 feet east of an orange carsonite witness post, about flush with the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 6 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -33.103

Easting: 947740.7090 Northing: 351752.5940 **Elevation: 168.713**

Lat: N 38 24 55.732485 Long: W 86 32 12.032346 Ellipse Height: 135.610



DNR BM PAT 7, 1997

In Crawford county, Greenbrier Quad, in the SW ¼ of Section 36 T. 1 S., R. 2 W., 2<sup>nd</sup> P.M.; at the Little Patoka boat ramp; set in the top of a 8 inch diameter concrete post, 87 feet east of the centerline of the access road leading to the boat ramp, 87 feet northwest of the southwest corner of the men's rest room ( pit toilet ), 76.5 feet southeast of a light pole at the west end of the parking lot, 41.1 feet west of a 8 inch tree, 5.8 feet south of the south edge of the asphalt parking lot, 1.2 feet north of an orange carsonite witness post; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 7 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.982

Easting: 943403.4324 Northing: 348106.1679 **Elevation: 172.078**

Lat: N 38 22 58.270887 Long: W 86 35 11.626535 Ellipse Height: 139.096

DNR BM PAT 8, 1997

In Crawford county, Cuzco Quad, in the NW ¼ of Section 33, T. 1 S., R. 2 W., 2<sup>nd</sup> P.M.; about 1.8 miles north of Wickliffe; in the Newton Stewart state recreation area, at the south boat ramp; set in the top of a 8 inch diameter concrete post, 78.8 feet east of the southeast corner of a stone sided public rest room, 56.8 feet southeast of the southeast post of a wooden loading dock for the handicapped, 62.0 feet southeast of the southwest post of the wooden dock, 50.8 feet northeast of an approximate 2 inch diameter gray metal post with red and yellow lights on the top, 51.7 feet west of a telephone pedestal, 6.2 feet southwest of the southwest edge of the asphalt parking area on the boat ramp, about 0.2 foot below the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 8 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: Second Class II

Geoid 96 Height: -32.881

Easting: 938718.6720 Northing: 349301.9236 **Elevation: 167.412**

Lat: N 38 23 37.824750 Long: W 86 38 24.412732 Ellipse Height: 134.531

DNR BM PAT 9, 1997

In Crawford county, Cuzco Quad, in the SE ¼ of Section 19, T. 1 S., R. 2 W., 2<sup>nd</sup> P.M.; about 3.5 miles northwest of Wickliffe; in the Newton Stewart state recreation area, at the northwest end of the upper parking lot for rv's and trailers at the Newton Stewart Beach area; set in the top of a 8 inch diameter concrete post, 79.5 feet northwest of the northwest corner of the northwest most concrete parking stop curb in the parking lot, 81.7 feet northwest of the northwest corner of the southwest concrete parking stop curb, 55.9 feet northwest of a 4 inch diameter tree in the grassy parking median, 4.3 feet southwest of a PK nail in the south side of a wooden guard post, 3.8 feet northwest of a PK nail in the north side of a wooden guard post, 4.1 feet southwest of an orange carsonite witness post, about 0.1 feet below the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 9 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: Second Class II

Geoid 96 Height: -32.836

Easting: 936248.9890 Northing: 351397.2065 **Elevation: 174.350**

Lat: N 38 24 46.150362 Long: W 86 40 05.796674 Ellipse Height: 141.514

DNR BM PAT 10, 1997

In Dubois county, Cuzco Quad, in the NE ¼ of Section 26, T. 1 S., R. 3 W., 2<sup>nd</sup> P.M.; about 4 miles northeast of Celestine; at the North Lick Fork boat ramp on Patoka lake, on the south side of the ramp where a circle turn around for boat loading starts; set in the top of a 8 inch diameter concrete post, 65.1 feet northeast of a PK nail in the south side of the southwest most wooden guard post on the north side of the ramp, 28.2 feet northeast of a post for a sign of a boat and ramp, 20.8 feet south of a PK nail in the centerline of the ramp at the intersection of the concrete dividing Island, 6.7 feet south of a PK nail in the southwest side of the southwest most wooden guard post on the south side of the ramp road, 6.3 feet southeast of an orange carsonite witness post, about flush with the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 10 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.755

Easting: 932937.7857 Northing: 350677.4623 **Elevation: 170.852**

Lat: N 38 24 23.269204 Long: W 86 42 22.404740 Ellipse Height: 138.097

DNR BM PAT 11, 1997

In Orange County, Cuzco Quad, in the NW ¼ of Section 17, T. 1 S., R. 2 W., 2nd P.M.; about 7 miles northeast of Celestine; at the Jackson boat ramp on Patoka lake; set in the top of a 8 inch diameter concrete post, on the north side of the circular asphalt drive for the boat ramp, 64.0 feet northeast of the northeast end of the concrete curb, 50.2 feet northwest of a PK nail in the southeast most wooden guard post on the north side of the circular asphalt drive, 4.5 feet north of the north edge of the asphalt, 3.0 feet west of a PK nail in a wooden guard post, 2.6 feet east of a PK nail in a wooden guard post, 3.1 feet west of an orange carsonite witness post, about flush with the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 11 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.870

Easting: 936853.1582 Northing: 354198.4679 **Elevation: 167.053**

Lat: N 38 26 16.909997 Long: W 86 39 40.364396 Ellipse Height: 134.183

DNR BM PAT 13, 1997

In Dubois county, Cuzco Quad, in the SE ¼ of Section 28, T. 1 S., R. 2 W., 2nd P.M.; about 2.2 miles north of Wickliffe; at the Newton Stewart marina on Patoka Lake; set in the top of a 8 inch diameter concrete post, near the south corner of the parking lot for the marina, 79.2 feet east of a PK nail in the east side of a wooden "LOADING ZONE 15 MINUTE PARKING ONLY" sign post, 58.5 feet south of a PK nail in the south side of a light pole, 49.8 feet west of a steel vent pipe with a "NO SMOKING" sign, 30.1 feet northwest of a PK nail in the centerline of the south end of a fuel truck loading zone parking area, 26.4 feet south of a PK nail in the centerline of parking lot access road, 1.1 feet north of an orange carsonite witness post, about flush with the surface of the ground; a Indiana Department of Natural Resources bronze control station tablet, stamped "PAT 13 1997".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: Second Class II

Geoid 96 Height: -32.908

Easting: 939595.9851 Northing: 350021.4843 **Elevation: 176.158**

Lat: N 38 24 01.022812 Long: W 86 37 48.114194 Ellipse Height: 143.250

### US COE RP 3

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2nd P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, 209.8 feet northeast of the Corps of Engineers bronze control station tablet "MM 8", 64.6 feet southwest of the southwest end of a 24 inch diameter CMP under the drive for the parking lot, 32.8 feet north of the northeast end of the southeast guardrail, 17.0 feet northeast of the northeast end of the northwest guardrail, 15.2 feet northwest of the centerline of the road on top of the dam, 0.7 foot northwest of an iron fence post, about 0.2 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "RP 3".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.781

Easting: 932962.6715 Northing: 353942.5824 **Elevation: 172.301**

Lat: N 38 26 09.158659 Long: W 86 42 20.827962 Ellipse Height: 139.520

### US COE MM 8

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2nd P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, 192.8 feet southwest of the northeast end of the northwest aluminum guardrail, 209.8 feet southwest of the Corps of Engineers bronze control station tablet "RP 3", 199.8 feet northeast of the Corps of Engineers bronze control station tablet "MM 9", 15.2 feet northwest of the centerline of the road on top of the dam, 3.0 feet northwest of the northwest edge of the aluminum guardrail, about 0.2 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "MM 8".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.779

Easting: 932919.1685 Northing: 353895.7164 **Elevation: 171.911**

Lat: N 38 26 07.644503 Long: W 86 42 22.629619 Ellipse Height: 139.132

#### US COE MM 9

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2nd P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, 392.6 feet southwest of the northeast end of the northwest aluminum guardrail, 199.8 feet southwest of the Corps of Engineers bronze control station tablet "MM 8", 200.5 feet northeast of the Corps of Engineers bronze control station tablet "MM 10", 15.2 feet northwest of the centerline of the road on top of the dam, 2.9 feet northwest of the northwest edge of the aluminum guardrail, about 0.2 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "MM 9".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.778

Easting: 932877.7183 Northing: 353851.0830 **Elevation: 171.927**

Lat: N 38 26 06.202475 Long: W 86 42 24.346237 Ellipse Height: 139.149

#### US COE MM 10

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2nd P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, 593.1 feet southwest of the northeast end of the northwest aluminum guardrail, 200.5 feet southwest of the Corps of Engineers bronze control station tablet "MM 9", 200.1 feet northeast of the Corps of Engineers bronze control station tablet "MM 11", 15.3 feet northwest of the centerline of the road on top of the dam, 2.9 feet northwest of the northwest edge of the aluminum guardrail, about 0.3 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "MM 10".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.777

Easting: 932836.1306 Northing: 353806.3243 **Elevation: 171.849**

Lat: N 38 26 04.756392 Long: W 86 42 26.068528 Ellipse Height: 139.072

#### US COE MM 11

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2nd P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, 793.2 feet southwest of the northeast end of the northwest aluminum guardrail, 200.1 feet southwest of the Corps of Engineers bronze control station tablet "MM 10", 194.0 feet northeast of the Corps of Engineers bronze control station tablet "MM 12", 97.5 feet northeast of the northwest corner of the top of the concrete bunker in top of the dam, 15.5 feet northwest of the centerline of the road on top of the dam, 2.8 feet northwest of the northwest edge of the aluminum guardrail, about 0.5 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "MM 11".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.776

Easting: 932794.6230 Northing: 353761.6495 **Elevation: 171.878**

Lat: N 38 26 03.313014 Long: W 86 42 27.787483 Ellipse Height: 139.102

#### US COE MM 12

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2nd P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, 987.2 feet southwest of the northeast end of the northwest aluminum guardrail, 194.0 feet southwest of the Corps of Engineers bronze control station tablet "MM 11", 206.0 feet northeast of the Corps of Engineers bronze control station tablet "MM 13", 92.1 feet southwest of the southwest corner of the top of the concrete bunker in top of the dam, 15.5 feet northwest of the centerline of the road on top of the dam, 3.0 feet northwest of the northwest edge of the aluminum guardrail, about 0.2 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "MM 12".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.775

Easting: 932754.3887 Northing: 353718.3243 **Elevation: 171.861**

Lat: N 38 26 01.913229 Long: W 86 42 29.453692 Ellipse Height: 139.086

### US COE MM 13

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2<sup>nd</sup> P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, 1,193.2 feet southwest of the northeast end of the northwest aluminum guardrail, 316 feet northeast along the centerline of the road on top of the dam from a "NO PARKING" sign post, on the northeast side of a grass island in the center of a cul-de-sac, at the southwest end of the dam, 206.0 feet southwest of the Corps of Engineers bronze control station tablet "MM 12", 200.2 feet northeast of Corps of Engineers bronze control station tablet "MM 14", 15.3 feet northwest of the centerline of the road on top of the dam, 2.9 feet northwest of the northwest edge of the aluminum guardrail, about 0.2 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "MM 13".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.773

Easting: 932711.6628 Northing: 353672.3157 **Elevation: 171.852**

Lat: N 38 26 00.426740 Long: W 86 42 31.223065 Ellipse Height: 139.079

### US COE MM 14

In Dubois county, Cuzco Quad, in the NE ¼ of Section 14, T. 1 S., R. 3 W., 2<sup>nd</sup> P.M.; on the northwest side on top of the Corps of Engineers Dam for Patoka Lake; set in the top of a 8 inch diameter concrete post, near the southwest end of the dam, 1,393.4 feet southwest of the northeast end of the northwest aluminum guardrail, 116.3 feet northeast of a "NO PARKING" sign post, on the northeast side of a grass island in the center of a cul-de-sac, at the southwest end of the dam, 200.2 feet southwest of the Corps of Engineers bronze control station tablet "MM 13", 15.3 feet northwest of the centerline of the road on top of the dam, 2.6 feet northwest of the northwest edge of the aluminum guardrail, about 0.3 foot above the surface of the ground; a United States Corps of Engineers bronze control station tablet, stamped "MM 14".

Projection Set: Indiana West Zone NAD 83(93) NAVD 88 Units: Meters

Horizontal Order: Second Class II Vertical Order: GPS

Geoid 96 Height: -32.772

Easting: 932670.1403 Northing: 353627.5826 **Elevation: 171.857**

Lat: N 38 25 58.981450 Long: W 86 42 32.942586 Ellipse Height: 139.0

DNR TBM PLR 1, 1997

In Dubois County, Birdseye Quad, in the NW ¼ of Section 26, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 1.2 miles west of Birdseye; at the intersection of State Road 64 and 1025 East Road; set in the west side of a power pole, 69.0 feet southeast of a post for mailbox # 10231, 27 feet south of the centerline of State Road 64, 4.5 feet east of the extended centerline of 1025 East Road, about 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 1 1997".

724.685 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 2, 1997

In Dubois County, Birdseye Quad, in the NW ¼ of Section 23, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 1.4 miles northwest of Birdseye; about 0.5 mile north along 1025 East Road from its intersection with Schnellvile Road; set in the east side of a power pole with a transformer # 3253, 37.2 feet east of the centerline of 1025 East Road, 28.5 feet north of the centerline of a gravel drive for house # 32465, 17.6 feet east of a telephone pedestal, 15 feet south of the centerline of a gravel drive for house # 32465, 1.2 feet above the ground, a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 2 1997".

739.503 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 3, 1997

In Dubois County, Birdseye Quad, in the SW ¼ of Section 14, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 2.0 miles northwest of Birdseye; about 1.3 miles north along 1025 East Road from its intersection with Schnellvile Road; set in the west side of power pole # 12F 74-14 40A, 84 feet south of the centerline of a gravel drive leading west, 46.0 feet south of a post for mailbox # 2634 for Ralph Knies, 45.0 feet west of a white square wooden fence corner post, 17.5 feet west of the centerline of 1025 East Road, 1.3 feet above the ground; a rail road spike driven through an aluminum tag, stamped "IDNR TBM PLR 3 1997".

748.659 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 4, 1997

In Dubois County, Birdseye Quad, in the SW ¼ of Section 11, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 3.0 miles northwest of Birdseye; at the intersection of 1025 East Road and 175 South Road; set in the east side of a power pole, 23.0 feet south of the centerline of 175 South Road, 22.0 feet west of the centerline of 1025 East Road, 5.5 feet north of a wooden corner fence post, 1.8 feet south of a "STOP" sign post, 1.3 feet south of a post for road sign, about 1.2 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 4 1997".

760.466 feet NAVD 1988

2<sup>nd</sup> Order





DNR TBM PLR 9, 1997

In Crawford County, Birdseye Quad, in the SW ¼ of Section 4, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; at Wickliffe; in the southeast ¼ of the intersection of State Road 164 and a north south county road; in the northwest corner of the parking lot for a general store; set in the south side of a power pole, 35.4 feet south of the centerline of State Road 164, 29.0 feet east of the centerline of the county road, 16.0 feet northeast of a "STOP" sign post, 6.3 feet north of a telephone booth, 1.2 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 9 1997".

725.647 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 10, 1997

In Crawford County, Birdseye Quad, in the SE ¼ of Section 4, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; approximately 0.6 mile east along State Road 164 from the general store in Wickliffe, in the northeast ¼ of the intersection of State Road 164 and a gravel county road leading northeast; set in the south side of a power pole, 84.0 feet east of a "STOP" sign post, 46.0 feet north of the centerline of State Road 164, 17 feet south of the gravel county road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 10 1997".

742.842 feet NAVD 1988

2<sup>nd</sup> Order

IDOT BM V 617 S 13

In Crawford County, Taswell Quad, in the SW ¼ of Section 3, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 0.1 mile northeast along State Road 145 from its intersection with State Road 164; set in the southeast concrete abutment of the State Road 145 bridge over Patoka Lake Reservoir, 23.6 feet southeast of the centerline of State Road 145, 4.5 feet northeast of the southwest face of the concrete bridge abutment, 0.65 feet northwest of the southeast face of the concrete bridge abutment, 0.55 feet southwest of the northeast face of the bridge abutment, about level with State Road 145; a State Highway Commission of Indiana bronze bench mark tablet, stamped "V 617 S 13 551.74".

551.469 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 12, 1997

In Crawford County, Taswell Quad, in the SW ¼ of Section 10, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 2.5 miles north of Eckerty; approximately 1.0 mile south along State Road 145 from its intersection with State Road 164 and state road 145, in the southeast ¼ of the intersection of State Road 145 and a county road leading east; set in the west side of a power pole, 64 feet west of the center of the county road small wooden bridge over Fleming Creek, 51.5 feet north of the concrete culvert under State Road 145, 48.6 feet south of a "STOP" sign post, 40.0 feet east of the centerline of State Road 145, 28.0 feet south of the centerline of the county road, about 1.7 feet above the ground; a rail road spike driven through an aluminum tag, stamped "IDNR TBM PLR 12 1997".

565.216 feet NAVD 1988

2<sup>nd</sup> Order



DNR TBM PLR 17. 1997

In Crawford County, Cuzco Quad, in the SE  $\frac{1}{4}$  of Section 32, T. 1 S., R. 2 W., 2<sup>nd</sup> P.M.; in the Newton Stewart State Recreation Area, about 0.2 mile northwest along Elon Road from the main gate of the park, in the southeast  $\frac{1}{4}$  of the intersection of Elon Road and South Ramp Road; set in the northwest side of a 3.8 feet diameter concrete base for a manhole for access to a water meter, 58 feet south of the centerline of South Ramp Road, 67.5 feet east of the centerline of Elon Road, 13.0 feet northwest of the northwest corner of a 5.6' by 3' green electrical box, 8.5 feet east of a white and blue carsonite witness post for a water pipe line; a chiseled triangle.

724.089 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 18, 1997

In Orange County, Cuzco Quad, in the SW  $\frac{1}{4}$  of Section 29, T. 1 N., R. 2 W., 2<sup>nd</sup> P.M.; in the Newton Stewart State Recreation Area, about 1.5 miles northwest along Elon Road from the main gate of the park, at the intersection of Elon Road and Newton Stewart Road (North Ramp Road); set on the northeast corner of the concrete base for a 12 inch by 12 inch wooden sign post with park directions. 28 feet west of the centerline of Elon Road, more or less on the extended centerline of Newton Stewart Road; two chiseled lines forming a square at the northeast corner of the base.

745.571 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM 1-05183, 1983

In Orange County, French Lick Quad., in the SE  $\frac{1}{4}$  of Sec. 34, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at West Badin Springs; at the most downstream bridge of the L and N (former Monon) railroad over French Lick Creek; 9 feet southeast of the southeast rail of the tracks, about 2.9 feet below the level of the tracks, 0.6 foot northwest of the southeast face of the bridge seat, 0.4 foot northeast of the southwest face of the bridge seat; a chiseled triangle.

481.727 feet NGVD 1929

DNR TBM 2-05183, 1983

In Orange County, French Lick Quad., in the NE  $\frac{1}{4}$  of Sec. 34, T. 2 N., R. 2 W., 2<sup>nd</sup> PM.; at West Badin Springs; at the Northwood Institute (former Monastery, former Luxury Resort, and large domed building) bridge over French Lick Creek; set in power pole # 192/424, 87 feet east of the east edge of the brick drive leading to the Institute, 35.3 feet south of the south wall of the Institute, 18.5 feet north of the centerline of a gravel drive, 1.0 foot above the ground; a railroad spike driven through a stamped aluminum tag.

489.036 feet NGVD 1929

IFC&WRC BM TT M 1 CEW 1965

In Orange County, Greenbrier Quad., in the NW ¼ of Sec. 22, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 0.4 mile southwest of Tillery Hill, near the northeast end of Olinger Lake; 0.45 mile along a dirt D.N.R. lake access road from its intersection with State Road 145 to the west edge of an open field and a tree line, thence about 2,000 feet due south across an open field and woods to the bottom of the hill and the northeast end of Olinger Lake; set in the top of a concrete post, about 175 feet north of the north shore of the lake, 3.0 feet east of a metal fence witness post, 0.4 foot above the ground; an Indiana Flood Control and Water Resource control station tablet, stamped "TT M 1 CEW 1965".

600.83 feet NGVD 1929

THIRD ORDER

Position Data : 3<sup>rd</sup> Order Class II

NAD 1927

Geodetic Position :  $\phi = 0^\circ \ ' \ ''$

$\lambda = 0^\circ \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 634,041.169

Northing : 336,018.571

IFC&WRC BM TT H 1 CEW 1965

In Orange County, Greenbrier Quad., in the SE ¼ of Sec. 22, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 1.0 mile south of Tillery Hill; about 0.4 mile generally north along State Road 145 from its intersection with Newton Stewart Road; set in the top of a concrete post, about 500 feet northeast of a sharp bend in State Road 145 and a PK nail in a 12 inch Sycamore tree, 88.7 feet south of the south end of the east headwall of a culvert, 70 feet south of a dirt road to the east, 23 feet east of the centerline of State Road 145; an Indiana Flood Control and Water Resource control station tablet, stamped "TT H 1 CEW 1965".

546.30 feet NGVD 1929

THIRD ORDER

Position Data : 3<sup>rd</sup> Order Class II

NAD 1927

Geodetic Position :  $\phi = 0^\circ \ ' \ ''$

$\lambda = 0^\circ \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 636,058.093

Northing : 331,863.185

IFC&WRC BM TT AS 1 CEW 1965

In Orange County, Greenbrier Quad., in the SW ¼ of Sec. 26, T. 1 S., R. 2 W., 2<sup>nd</sup> PM.; about 1.5 miles south of Tillery Hill; about 0.5 mile east along Newton Stewart Road from its intersection with State Road 145 to a private drive to the south, in the barnyard at the south end of the private drive, at the intersection of a east-west fence and a "T" fence to the north; set in the top of a concrete post, about 300 feet south of the house, 20.4 feet west of a PK nail in a 8 inch Elm tree, 8.7 feet south-southeast of a PK nail in a 6 inch Locust tree, 4.2 feet northwest of a PK nail in a corner fence post, 3.5 feet west of the north-south fence, 3 feet north of the east-west fence; a Indiana Flood Control and Water Resource control station tablet, stamped "TT AS 1 CEW 1965".

575.16 feet NGVD 1929

THIRD ORDER

Position Data : 3<sup>rd</sup> Order Class II

NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$

$\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana West Zone : Easting : 637,511.510

Northing : 329,029.808

DNR TBM WLD 1-04384

In Orange County, Greenbrier Quad., in the SW ¼ of Sec. 32, T. 1 N., R. 1 W., 2<sup>nd</sup> PM.; at Wildwood Lake; set in the northwest side of a 20 inch Sycamore tree, 140.5 feet south of the south face of the Wildwood Association Incorporated concrete block building, 25.0 feet northwest of the centerline of the road, 24.2 feet southeast of a round concrete slab well cover; a railroad spike driven through a aluminum tag, stamped "DNR TBM WLD 1-04384".

733.053 feet NGVD 1929

THIRD ORDER

DNR TBM WLD 2-04384

In Orange County, Greenbrier Quad., in the SW ¼ of Sec. 32, T. 1 N., R. 1 W., 2<sup>nd</sup> PM.; at Wildwood Lake; set in the top of the southwest corner of the concrete slab of the south entrance to the "WILDWOOD ASSOCIATION INCORPORATED" block building, 15.3 feet east of a flag pole, 5.8 feet south of the south wall of the building, 0.3 foot north of the south edge of the concrete slab, level with the ground; a chiseled triangle

734.200 feet NGVD 1929

THIRD ORDER

DNR TBM WLD 3-04384

In Orange County, Greenbrier Quad., in the NE ¼ of Sec. 34, T. 1 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 miles northeast of Greenbrier; near the intersection of a northwest-southeast "T" road and a east-west road; set in the north side of power pole #L6F1, 240 feet west of the centerline of the northwest-southeast "T" road, 20.0 feet south of the centerline of the east-west road, 0.5 foot above the ground; a railroad spike driven through a aluminum tag, stamped "DNR TBM WLD 3-04384".

625.748 feet NGVD 1929

THIRD ORDER

DNR TBM WLD 4-04384

In Orange County, Greenbrier Quad., in the NE ¼ of Sec. 33, T. 1 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.5 miles northeast of Greenbrier; at a "T" road intersection; set in the north side of a power pole, 156.0 feet south of the centerline of the road to the east, 17.0 feet east of the centerline of the north-south road, 1.0 foot above the ground; a railroad spike driven through a aluminum tag, stamped "DNR TBM WLD 4-04384".

844.102 feet NGVD 1929

THIRD ORDER

DNR TBM WLD 5-04384

In Orange County, Greenbrier Quad., in the West ½ of Sec. 33, T. 1 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.0 miles northeast of Greenbrier; about 0.8 mile southwest along a road from its "T" intersection with a road to the east; set in the north side of a power pole at the Owen and Marie Stout residence (white house), 13.0 feet southeast of the centerline of the road, 0.8 foot above the ground; a railroad spike driven through a aluminum tag, stamped "DNR TBM WLD 5-04384".

798.660 feet NGVD 1929

THIRD ORDER

DNR TBM WLD 6-04384

In Orange County, Greenbrier Quad., in the SE ¼ of Sec. 32, T. 1 N., R. 1 W., 2<sup>nd</sup> PM.; at Wildwood Lake; at the northern most dam; set on top of the downstream end of a concrete emergency spillway pipe, 12.0 feet north of the centerline of the dam, 0.7 foot south of the north end of the spillway pipe; a chiseled triangle.

647.381 feet NGVD 1929

THIRD ORDER

DNR TBM WLD 7-04384

In Orange County, Greenbrier Quad., in the NE ¼ of Sec. 5, T. 1 S., R. 1 W., 2<sup>nd</sup> PM.; about 1.0 mile northeast of Greenbrier; at the intersection of a paved east-west road and a gravel road north leading to the north most lake of the Wildwood Lakes; set in the north side of a 24 inch Ash tree, 28.0 feet north of the centerline of the east-west road, 17.0 feet west of the centerline of the gravel road to the north, 1.3 feet above the ground; a railroad spike driven through a aluminum tag, stamped "DNR TBM WLD 7-04384".

781.410 feet NGVD 1929

THIRD ORDER

IDNR TBM BLUEHOLE 1, 2006

In Orange County, Mitchell Quad., in the NE  $\frac{1}{4}$  of Section 4, T. 2 N., R. 1 E., 2<sup>nd</sup> P. M.; about 3 miles southeast of Orleans; at the 300 East Road bridge over Lost River; set on top of the southeast end of the southeast concrete wingwall of the bridge, 21 feet east of the centerline of the bridge deck, 1.0 foot northwest of the southeast end of the wingwall, 0.4 foot northeast of the southwest face of the wingwall, about level with the bridge deck; a cut triangle.

GPS Elevation                      637.61 feet NGVD 1929

SHCOI BM V 624 59

In Orange County, Mitchell Quad., in the SE  $\frac{1}{4}$  of Section 5, T. 2 N., R. 1 E., 2<sup>nd</sup> P. M.; about 3 miles southeast of Orleans; at the 200 East Road bridge over Lost River; set on top of the northwest concrete abutment of the bridge, 15.5 feet west of the centerline of 200 East Road, 3.7 feet east of the west end of the abutment, 0.5 foot south of the north face of the abutment, 0.5 foot north of the south face of the abutment, 0.5 foot above the road; a State Highway Commission of Indiana Bench Mark tablet, stamped "V 624 59".

GPS Elevation                      636.58 feet NGVD 1929

IDOT BM V 936 59

In Orange County, Hillham Quad., in the SE  $\frac{1}{4}$  of Section 19, T. 2 N., R. 2 W., 2<sup>nd</sup> P. M.; about 1.1 miles east of Roland; at the State Road 150 bridge over Lost River; set on top of the west end of the north concrete guardrail of the bridge, 22.5 feet north of the centerline of State Road 150, 17.6 feet east of the west end of the north concrete guardrail, 46.5 feet west of the centerline of the north end of the west most pier, 2.8 feet above the road; a Indiana Department of Transportation Bench Mark tablet, stamped "V936 59 ELEV. 484.59 feet".

3<sup>rd</sup> Order                              484.492 feet NGVD 1929

IDOT BM V 1056

In Orange County, French Lick Quad., in the NW  $\frac{1}{4}$  of Section 26, T. 2 N., R. 2 W., 2<sup>nd</sup> P. M.; about 0.8 miles east of Prospect; at the State Road 150/56 bridge over Lost River; set on top of the west end of the south concrete guardrail of the bridge, 23.4 feet south of the centerline of State Road 150/56, 18.0 feet east of the west end of the south concrete guardrail, 68.5 feet west of the centerline of the south end of the west most pier, 2.8 feet above the road; a Indiana Department of Transportation Bench Mark tablet, stamped "V 1056 ELEV. 495.66 feet".

3<sup>rd</sup> Order                              496.05 feet NGVD 1929



Orange County BM

In Orange County, French Lick Quad., in the SW  $\frac{1}{4}$  of Section 34, T. 2 N., R. 2 W., 2<sup>nd</sup> P. M.; Set in French Lick; at the Sinclair Street bridge over French Lick Creek; set at the east end of the north concrete guardrail near the base, 19 feet north of the centerline of Sinclair Street, 11.0 feet east of the expansion joint, 0.5 foot west of the east end of the northeast concrete abutment, 1.0 foot above the road; a brass tablet 2 inches in diameter and unstamped.  
487.726 feet NGVD 1929 3<sup>rd</sup> Order

DNR TBM 032206-1

In Orange County, French Lick Quad., in the NE  $\frac{1}{4}$  of Section 3, T. 1 N., R. 2 W., 2<sup>nd</sup> P. M.; in French Lick; about 0.5 mile south along State Road 145 from its intersection with State Road 56 to "ARNOLD F. HABIG" Boulevard, thence  $\pm$  500 feet east along "ARNOLD F. HABIG" Boulevard to a concrete bridge over French Lick Creek; set on the southeast corner of the bridge deck, 14 feet south of the centerline of the bridge, 0.5 foot north of the south face of the bridge, 1.0 feet west of the east end of the bridge, flush with the bridge deck; a chiseled triangle.  
3<sup>rd</sup> Order 486.949 feet NGVD 1929

IDOT BM 1036 59

In Orange County, French Lick Quad., in the SE  $\frac{1}{4}$  of Section 3, T. 1 N., R. 2 W., 2<sup>nd</sup> P. M.; at French Lick; at the State Road 145 bridge over French Lick Creek; set on top of the south end of the east concrete guardrail of the bridge, 22 feet east of the centerline of State Road 145, 48.8 feet south of the east end of the centerline of the south pier, 17.2 feet north of the south end of the east concrete guardrail, 2.8 feet above the ground; a Indiana Department of Transportation Bench Mark tablet, stamped "1036 59 ELEV. 498.97".  
3<sup>rd</sup> Order 499.061 feet NGVD 1929

IDNR TBM 1990 HWP

In Orange County, French Lick Quad., in the NE  $\frac{1}{4}$  of Section 22, T. 1 N., R. 2 W., 2<sup>nd</sup> P. M.; at French Lick; about 2.9 miles south along State Road 145 from its intersection with State Road 56 to 300 South Road, thence  $\pm$  500 feet west along 300 South Road to a concrete bridge over French Lick Creek; set near the center of the south concrete guardrail of the bridge, 30.5 feet east of the west end of the south concrete guardrail, 31.0 feet west of the east end of the guardrail, 7.5 feet south of the centerline of the bridge, 3.3 feet above the road; a chiseled triangle.  
3<sup>rd</sup> Order 503.37 feet NGVD 1929