

BENCH MARK DESCRIPTIONS  
AND ELEVATIONS  
DUBOIS COUNTY

IFC&WRC BM DUB 1, 1954

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 15, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 0.3 mile north of Millersport; at the 800 West Road single span steel truss bridge over the Patoka River; set in the top of a concrete post, 0.2 mile north of the Southern Railway crossing, 48 feet north of the north end of the bridge, 14 feet east of the centerline of the road, level with the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 1 1954".

Destroyed May 18, 1960 J.A.N.

435.940 feet NGVD 1929

DNR TBM DUBCO 1, 2002

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 15, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 0.3 mile north of Millersport; at the 800 West Road single span concrete bridge over the Patoka River; set in the top of the southwest concrete bridge abutment, 14.1 feet south of the north end of the abutment and the south end of the bridge deck, 12.5 feet west of the centerline of the road, 0.4 foot north of the south end of the abutment, 0.4 foot east of the west face of the abutment, 0.1 foot above the concrete bridge approach; a chiseled triangle.

442.18 feet NGVD 1929 GPS elevation

IFC&WRC BM DUB 2, 1954

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 11, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 2.4 mile northwest of Duff; about 1.1 miles west along the dirt 100 South Road from its "T" intersection with 600 West Road to a right angle turn to the south, thence 0.02 mile south to an abandoned crossing of the Patoka River; set in the top of a sandstone ledge on the northeast abutment, 48 feet northeast of the northeast edge of the water; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 2 1954".

Could Not Locate J.F.T. G.E.K. 4/9/62

437.210 feet NGVD 1929

IFC&WRC BM DUB 3, 1954

In Dubois County, Velpen Quad., in the SW  $\frac{1}{4}$  of Sec. 1, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 2.8 mile north of Duff; about 0.5 mile north along the dirt 650 West Road from its intersection with 100 South Road to a farm residence; set in the top of a concrete post, 55 feet southwest of a cistern pump, 28 feet southeast of the southeast corner of the farm house, 22 feet west of the centerline of the road, 2.4 feet east of a power pole with attached meter, level with the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 3 1954".

532.792 feet NGVD 1929

**IFC&WRC TBM P 40**

In Dubois County, Velpen Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 3.0 mile north of Duff; about 0.5 mile north along the dirt 650 West Road from its intersection with 100 South Road to a farm residence, thence 0.2 mile north to the Patoka River; set in the southeast side of a 21-inch Elm tree, 60 feet east of the west edge of the water, 43 feet northwest east of the west edge of the water, 43 feet northwest of the centerline of an abandoned road leading into the river, 1.8 feet above the ground; a railroad spike.

437.200 feet NGVD 1929

**IFC&WRC BM DUB 4, 1954**

In Dubois County, Otwell Quad., in the SW  $\frac{1}{4}$  of Sec. 31, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.4 miles southwest of Ireland; at the 600 West Road single span steel truss bridge over the Patoka River; set in the top of the southeast tubular pier filled with concrete, 8.2 feet south of the centerline of the road, 3.2 feet east of the west end of the bridge, 1.1 feet below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 4 1954".

446.300 feet NGVD 1929

**DNR TBM DUBCO 2, 2002**

In Dubois County, Otwell Quad., in the SW  $\frac{1}{4}$  of Sec. 31, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.4 miles south-southwest of Ireland; at the 600 West Road three span concrete bridge over the Patoka River; set in the top of the southwest concrete wingwall of the bridge, 17.0 feet west of the centerline of the road, 7.9 feet southwest of the northeast end of the wingwall, 0.8 foot west of the east face of the wingwall, 0.4 foot northeast of the southwest end of the wingwall, 0.4 foot east of the west face of the wingwall, about level with the centerline of the road; a chiseled triangle

454.742 feet NGVD 1929 GPS elevation

**IFC&WRC BM DUB 5, 1954**

In Dubois County, Velpen Quad., in the NW  $\frac{1}{4}$  of Sec. 7, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.5 mile north of Duff; at the "T"-road junction of a dirt 100 South Road leading west and a gravel 600 West Road; set in the top of a concrete post, 98 feet northwest of the northwest corner of a farm house, 86 feet south of the centerline of 100 South Road, 16 feet east of the centerline of 600 West Road, 1.6 feet above the road, level with the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 5 1954".

522.256 feet NGVD 1929

#### IFC&WRC TBM P 124

In Dubois County, Velpen Quad., in the SW  $\frac{1}{4}$  of Sec. 7, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.5 mile north of Duff; at the "T"-road intersection of 600 West Road and 150 South Road; set in the northwest side of a 16-inch Catalpa tree fence corner, 18 feet east of the centerline of 600 West Road, 15 feet south of the centerline of 150 South Road, 2.3 feet above the road; a railroad spike.

491.734 feet NGVD 1929

#### IFC&WRC TBM P 125

In Dubois County, Velpen Quad., in the SE  $\frac{1}{4}$  of Sec. 7, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.5 mile north of Duff; about 0.5 mile east along the gravel 150 South Road from its "T" road intersection with 600 West Road to a right angle turn to the south, thence 0.1 mile south; set in the west side of a 24-inch Maple tree, 50 feet northwest of the northwest corner of a farm house, 9 feet east of the centerline of the road, 0.7 foot above the road; a railroad spike.

486.890 feet NGVD 1929

#### IFC&WRC TBM P 41

In Dubois County, Velpen Quad., in the NW  $\frac{1}{4}$  of Sec. 7, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.5 mile north of Duff; at the "T"-road junction of a dirt 100 South Road leading west and a gravel 600 West Road, thence 0.3 mile east to the Patoka River; set in the southwest side of a 3-foot Black Oak tree, 230 feet southeast of a field entrance gate, 80 feet west of the west edge of the Patoka River, 1.4 feet above the ground; a railroad spike.

440.895 feet NGVD 1929

#### USGS TBM 468.4

In Dubois County, Huntingburg Quad., in Sec. 8, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; 0.5 mile east along a gravel 350 South Road from the crossroads at Duff, thence 1.2 miles north along a gravel 600 West Road to a "T" road east, thence 1.8 miles east and northeast along gravel and dirt roads to a "T"-road junction of a dirt road leading east; set in the south root of a twin-trunked Oak tree, 30 feet north of the centerline of the road leading east, 25 feet northwest of the northeast-southwest road; a copper nail and washer.

**DESTROYED J.F. & G.E.K. 3/21/62**

468.588 feet NGVD 1929

#### IFC&WRC TBM P 42

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 18, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.7 mile northeast of Duff; at the wooden covered Kessner Bridge over the Patoka River; set on the top of the northwest end of the southwest abutment, 12 feet north-west of the centerline of the road; a chiseled triangle.

451.391 feet NGVD 1929

#### USGS BM 56 CH 1941

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 18, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.7 mile northeast of Duff; 0.5 mile east along a gravel 350 South Road from the crossroads at Duff, thence 1.2 miles north along a gravel 600 West Road to a gravel "T" road to the east, thence about 0.8 mile east along the gravel road; set in the top of a concrete post, 650 feet southwest of the wooden covered Kessner Bridge over the Patoka River, 94 feet northeast of the northeast corner of a farm house, 29 feet southeast of the centerline of the road, 10 feet east of a fence line, projecting 0.6 foot above the ground; a U.S. Geological Survey bronze disk, stamped "56 CH 1941".

502.664 feet NGVD 1929

#### USGS RM

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 18, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.7 mile northeast of Duff; 0.5 mile east along a gravel 350 South Road from the crossroads at Duff, thence 1.2 miles north along a gravel 600 West Road to a gravel "T" road to the east, thence about 0.8 mile east along the gravel road; set in the top of a circular flat rock, 650 feet southwest of a wooden covered Kessner Bridge over the Patoka River, 23 feet northwest of the centerline of the road; a chiseled square.

499.634 feet NGVD 1929

#### IFC&WRC BM DUB 6, 1954

In Dubois County, Huntingburg Quad., in the SW  $\frac{1}{4}$  of Sec. 17, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.7 miles northwest of Huntingburg; about 0.6 mile southeast and south from the southwest end of the wooden covered Kessner Bridge over the Patoka River to a "T"-road leading east, thence 0.35 mile east to a single span steel pony truss bridge over Ell Creek; set in the top of the northwest wingwall, 10 feet north of the centerline of the road, 5 feet west of the west end of the bridge, 4.1 feet southeast of the northwest edge of the wingwall, 1.5 feet lower than the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 6 1954".

446.325 feet NGVD 1929

#### IFC&WRC TBM P 43

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Sec. 20, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.5 miles northwest of Huntingburg; about 0.45 mile north along 400 West Road from its "T" road intersection with 400 South Road to a concrete culvert over a tributary of the Patoka River; set in the top of the west headwall of the culvert, 9.2 feet west of the centerline of the road, 7.6 feet north of the south end of the west headwall, 1.1 feet above the road; a chiseled triangle.

447.526 feet NGVD 1929

**USC&GS BM K 57, 1934**

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Sec. 20, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.5 miles northwest of Huntingburg; at the intersection of 400 West Road and the Southern Railway; set in the top of a concrete post, 48 feet southeast of the center of the crossing, 29 feet south of the south rail, 3 feet lower than the track, 2 feet north of a northwest fence corner; a U.S. Coast and Geodetic Survey bronze disk, stamped "K 57 1934".

455.367 feet NGVD 1929

**Southern Railway BM RV 58**

In Dubois County, Huntingburg Quad., in the NE  $\frac{1}{4}$  of Sec. 33, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Huntingburg; at the intersection of 12<sup>th</sup> Street (500 South Road) and the Southern Railway; set in the center of the south headwall of a concrete culvert, 123 yards southeast of milepost 198, 82 yards southeast of the center of the crossing, 105 feet northwest of a sign "STATION ONE MILE", 7.3 feet southwest of the southwest rail, 3 feet lower than the track; a Southern Railway monel-metal rivet.

470.573 feet NGVD 1929

**DNR TBM DBR 1, 2000**

In Dubois County, Huntingburg Quad, NW  $\frac{1}{4}$  section 34, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; about 0.35 miles north along Chestnut Street from the intersection of State Road 64 and Chestnut Street, to a railroad crossing; in the southeast  $\frac{1}{4}$  of the intersection of the Railroad tracks and Chestnut Street; set in the top of the circular concrete base of a railroad crossing signal, about  $\pm$  180 feet south of the centerline of 11<sup>th</sup> Street, 36 feet southeast of the centerline intersection of the south railroad track and Chestnut Street, 21 feet east of the centerline of Chestnut Street, 6.5 feet south of the railroad traffic arm gate, 0.3 foot west of the west side of the steel base of the railroad crossing signal, about 2 feet lower than the road; a chiseled triangle.

488.324 feet NGVD 1929

148.841 meters NGVD 1929

487.969 feet NAVD 1988

148.733 meters NAVD 1988

**USGS TBM 478.1**

In Dubois County, Huntingburg Quad, in the SE  $\frac{1}{4}$  of Section 28, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the intersection of Chestnut Street (300 West Road) and 19<sup>th</sup> Street (450 South Road); set on the center of the south concrete headwall of a culvert under 19<sup>th</sup> Street, 17 feet west of the centerline of Chestnut Street, 13 feet south of the centerline of 19th Street, 2.2 feet southeast of the northwest edge of the headwall; a chiseled square.

478.110 feet NGVD 1929

DNR TBM DBR 2, 2000

In Dubois County, Huntingburg Quad, in the SE  $\frac{1}{4}$  of Section 28, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; about 1 mile north along Chestnut Street (300 West Road) from the intersection of State Road 64 and Chestnut Street (300 West Road); in the southwest  $\frac{1}{4}$  of the intersection of Chestnut Street (300 West Road) and 19<sup>th</sup> Street (450 South Road); set in the top of the northeast corner of a concrete pad for telephone junction boxes, 36.8 feet west of the centerline of Chestnut Street, 39.2 feet south of the centerline of 19<sup>th</sup> Street, 23.4 feet south of a telephone pole, 6.7 feet northwest of a 6.5 feet tall vertical PVC "Buried Cable" warning pipe, 0.4 foot south of the north face of the concrete pad, 0.45 foot west of the east face of the concrete pad, about level with the ground, and about 2 feet above the centerline of Chestnut Street; a chiseled triangle.

478.233 feet NGVD 1929

145.766 meters NGVD 1929

477.879 feet NAVD 1988

145.658 meters NAVD 1988

DNR TBM DBR 3, 2000

In Dubois County, Huntingburg Quad, in the SW  $\frac{1}{4}$  of Section 22, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; about 1.7 miles north along Chestnut Street from the intersection of State Road 64 and Chestnut Street; in the southeast  $\frac{1}{4}$  of the intersection of Chestnut Street and Phoenix Road (400 South Road); set in the top of the north most of two circular concrete base pads for a steel power line tower, near the northwest corner of the north leg of the tower, 70.8 feet east of the centerline of Chestnut Street, 63.5 feet south of the centerline of Phoenix Road, 36.6 feet south of a wooden power pole, 0.4 foot northwest of the northwest corner of north most leg of power line tower, about 0.5 foot above the ground; a chiseled triangle.

500.019 feet NGVD 1929

152.406 meters NGVD 1929

499.665 feet NAVD 1988

152.298 meters NAVD 1988

USGS BM 89 CH 1941

In Dubois County, Huntingburg Quad, in the NW  $\frac{1}{4}$  of Section 27, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; about 1.6 miles north along State Road 45 from the junction of State Road 64 to a "T"-road junction of a gravel road leading west, in the southeast corner of a residence yard; set in the top of a concrete post, 36 feet southeast of the southeast corner of the house, 32 feet west of the centerline of the highway, 23 feet north of the centerline of the road leading west, about level with the ground; a U.S. Geological Survey bronze disk, stamped "89 CH 1941".

510.364 feet NGVD 1929

BM DUB 7 (DESTROYED see RESET 1994)

In Dubois County, Huntingburg Quad, in the NE ¼ of Section 21, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the Chestnut Street (Old Huntingburg Road) two span concrete arch bridge over the Patoka River; set in the top of the west guardrail, 9.9 feet west of the centerline of the road, 9.4 feet north of the south end of the west guardrail, 3.6 feet above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 7 1954".

DESTROYED

455.461 feet NGVD 1929

DNR BM DUB 7 RESET 1994

In Dubois County, Huntingburg Quad, in the NE ¼ of Section 21, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the Chestnut Street (Old Huntingburg Road) bridge over the Patoka River; set in the top of the north end of the east concrete guardrail of the bridge, 24.3 feet south of the north end of the concrete guardrail of the bridge, 15.1 feet east of the centerline of Old Huntingburg Road, 0.5 foot west of the east face of the east concrete guardrail, about 2.8 feet above the road, flush with the top of the guardrail; a Department of Natural Resources control station tablet, stamped "DUB 7 RESET 1994".

458.780 feet NGVD 1929                          139.836 meters NGVD 1929  
458.426 feet NAVD 1988                          139.728 meters NAVD 1988

DNR TBM DBR 4, 2000

In Dubois County, Huntingburg Quad, in the NE  $\frac{1}{4}$  of Section 21, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the Old Huntingburg Road (Chestnut Street) bridge over the Patoka River; set in top of the concrete bridge deck, 13.5 feet west of the centerline of Old Huntingburg Road, 7.6 feet north of the south end of the west concrete guardrail, 3.6 feet north of the south expansion joint, 1.1 foot east of the east face of the west concrete guardrail, level with the road; a chiseled triangle.

456.025 feet NGVD 1929                          138.997 meters NGVD 1929  
455.670 feet NAVD 1988                          138.889 meters NAVD 1988

USGS RM 1 Huntingburg

In Dubois County, Huntingburg Quad, in the NE ¼ of Section 21, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the Chestnut Street (Old Huntingburg Road) two span concrete arch bridge over the Patoka River; set on the top of the guardrail, 9.9 feet east of the centerline of the road, 4 feet above the road, 1.1 feet south of the north end of the east guardrail; a chiseled square.

455.386 feet NGVD 1929

#### **USGS RM 2 Huntingburg**

In Dubois County, Huntingburg Quad, in the NE  $\frac{1}{4}$  of Section 21, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the Chestnut Street (Old Huntingburg Road) two span concrete arch bridge over the Patoka River; set on the top of the guardrail, 10 feet east of the centerline of the road, 3.8 feet above the road, 0.8 foot north of the south end of the east guardrail; a chiseled square.

455.398 feet NGVD 1929

#### **USGS RM 3 Huntingburg**

In Dubois County, Huntingburg Quad, in the NE  $\frac{1}{4}$  of Section 21, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the Chestnut Street (Old Huntingburg Road) two span concrete arch bridge over the Patoka River; set on the top of the guardrail, 9.9 feet west of the centerline of the road, 3.6 feet above the road, 0.6 foot north of the south end of the west guardrail; a chiseled square.

455.444 feet NGVD 1929

#### **IFC&WRC BM DUB 8, 1954**

In Dubois County, Huntingburg Quad, in the SE  $\frac{1}{4}$  of Section 16, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; about 1.5 miles north of Huntingburg; 0.35 mile east along a gravel 250 South Road from its intersection with 350 West Road to the Patoka River; set in the top of a concrete post, 47 feet west of the west edge of the water, 43 feet southeast of the southeast corner of a cabin, 25 feet south of a fence corner post, 21 feet south of the extended centerline of the road, 1.3 feet east of a fence line, projecting 0.1 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 8 1954".

446.343 feet NGVD 1929

#### **IFC&WRC BM DUB 9, 1954**

In Dubois County, Huntingburg Quad, in the SW  $\frac{1}{4}$  of Section 11, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; about 2.5 miles north of Huntingburg; at the old State Road 45 single span steel truss bridge over the Patoka River; set in the top of the southeast end of the south bridge seat, 12.5 feet east of the centerline of the highway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 9 1954".

452.509 feet NGVD 1929

#### **USGS RM 1 Jasper**

In Dubois County, Huntingburg Quad, in the SW  $\frac{1}{4}$  of Section 11, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; about 2.5 miles north of Huntingburg; at the old State Road 45 single span steel truss bridge over the Patoka River; set on the top of the north pier, 14 feet east of the highway, 3.7 feet below the road, 1.0 foot west of the east end of the pier; a chiseled cross.

452.483 feet NGVD 1929

**USGS RM 2 Jasper**

In Dubois County, Huntingburg Quad, in the SW  $\frac{1}{4}$  of Section 11, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; about 2.5 miles north of Huntingburg; at the old State Road 45 single span steel truss bridge over the Patoka River; set on the west side of the southeast concrete guardrail base, 10 feet east of the centerline of the highway, 1.1 feet south of the north end of the guardrail, 0.2 foot above the road; a chiseled square.

456.717 feet NGVD 1929

**USGS RM 3 Jasper**

In Dubois County, Huntingburg Quad, in the SE  $\frac{1}{4}$  of Section 10, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; about 2.5 miles north of Huntingburg; at the old State Road 45 single span steel truss bridge over the Patoka River; set on the east side of the southwest concrete guardrail base, 10 feet west of the centerline of the highway, 1.0 foot south of the north end of the guardrail, 0.4 foot above the road; a chiseled square.

456.741 feet NGVD 1929

**IFC&WRC TBM P 44**

In Dubois County, Huntingburg Quad, in the SE  $\frac{1}{4}$  of Section 10, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; about 2.5 miles north of Huntingburg; at the Southern Railroad single span steel truss bridge over the Patoka River; set on the top of the northwest abutment wingwall, 8 feet east of the east rail, 2.5 feet below the track; a chiseled square.

457.596 feet NGVD 1929

**IFC&WRC BM DUB 10, 1954**

In Dubois County, Huntingburg Quad, in the NW  $\frac{1}{4}$  of Section 2, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; about 3.5 miles north of Huntingburg; 1.4 miles south along State Road 45 from the junction of State Road 56 at Jasper, thence 0.4 mile east to the Patoka River; set in the top of a sandstone ledge, about 400 feet northeast of a farm house, 52 feet northwest of the center of a gate entrance to a field, 34 feet west of a northeast-southwest fence line, 33 feet north of an east-west fence line, 12 feet south of the south edge of the water; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 10 1954".

443.298 feet NGVD 1929

**IFC&WRC BM DUB 11, 1954**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Section 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the old State Road 162 bridge over the Patoka River; set in the top of the south abutment ledge, 21.0 feet southwest of the centerline of the road, 1.0 foot southwest of the southwest face of the bridge, 0.7 foot southeast of a 3.5 inch pipe running northeast/southwest under the bridge, about 6 feet below the bridge deck; a Indiana Flood Control and Water Resources Commission brass bench mark tablet, stamped "DUB 11 1954".

140.4085 meters NGVD 1929

460.657 feet NGVD 1929

**USGS RM 2 Jasper**

In Dubois County, Jasper Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; 0.3 mile southeast of the U.S. Post Office, at the State Road 164-State Road 162 multi-span concrete bridge over the Patoka River; set on the northeast corner of the old bridge abutment, 34 feet north of the centerline of State Road 164 leading east, 27 feet east of the east side of the bridge, 3.5 feet below the bridge floor; a chiseled square.

465.095 feet NGVD 1929

**USGS RM 6 Jasper**

In Dubois County, Jasper Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; 0.3 mile southeast of the U.S. Post Office, at the State Road 164-State Road 162 multi-span concrete bridge over the Patoka River; set on the top of the northwest corner of the sidewalk to the first house south of the bridge, 52 feet southeast of the southeast end of the bridge, 23 feet north of an Indiana State Highway Commission right-of-way marker, 3.8 feet west of the northwest iron fence corner post; a chiseled cross in a circle.

467.269 feet NGVD 1929

**DOT BM V 140 DUB 466.25**

In Dubois County, Jasper Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; 0.3 mile southeast of the U.S. Post Office, at the State Road 164-State Road 162 multi-span concrete bridge over the Patoka River; set in the north end of the east sidewalk of the bridge, above the north most pier, 29.7 feet southeast of the north most end of the concrete guardrail of the bridge, 17.5 feet northeast of the centerline of the bridge, 3.6 feet northeast of the top of the curb and west edge of the sidewalk, 0.7 foot above the road, 0.65 foot northwest of a expansion joint of the bridge, 0.3 foot southwest of the concrete guardrail; a Indiana Department of Transportation bench mark tablet, stamped "V 140 DUB 466.25.

466.069 feet NGVD 1929

142.0581 meters NGVD 1929

**USGS BM 62 CH 1941**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Sec. 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the Jasper Post Office; set in the top of the west handrail base, 30 feet east of the post office flag pole, near the southwest corner of the building, 3.3 feet above the sidewalk, 3.3 feet north of the south edge of the handrail base, 1.5 feet east of the west edge of the handrail base; a U.S. Geological Survey bronze disk, stamped "62 CH 1941".

471.885 feet NGVD 1929

143.8308 meters NGVD 1929

**USGS RM**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Sec. 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the east entrance of the Dubois County Courthouse, 3.8 feet west of the east end of the first step of the east entrance, 0.5 foot above the sidewalk; a chiseled square. 472.123 feet NGVD 1929

**IFC&WRC TBM P 45**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Section 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the Jasper City Water pump house, on the extended centerline of 7<sup>th</sup> Street; set on the top of the southwest edge of the northwest/southeast concrete retaining wall, 68 feet east of the northeast corner of a veneer wood mill building, 13.6 feet northwest of the northeast corner of the pump house, 11.5 feet northeast of the northwest corner of the pump house, 10.4 feet northwest of the northwest face of the platform around the northeast corner of the pump house, 0.4 foot southeast of the northwest end of the retaining wall; a chiseled "V" forming a triangle.

**REVISED ELEVATION**

141.4032 meters NGVD 1929

463.920 feet NGVD 1929

**IFC&WRC TBM P 46**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Sec. 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper, at the Jasper water intake pump house on the Patoka River, 0.4 mile east of the Dubois County Courthouse, on the extended centerline of 7<sup>th</sup> Street; set on the top of the concrete wingwall, 72 feet east of the northeast corner of a veneer wood mill building, 13 feet east of the west side of the west side of the pump house, 0.2 foot north of the north side of the intake house, 0.2 foot southwest of the northeast side of the wingwall; a chiseled cross.

463.551 feet NGVD 1929

#### IFC&WRC TBM 47

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Sec. 35, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper, at the Jasper water intake pump house on the Patoka River, 0.4 mile east of the Dubois County Courthouse, on the extended centerline of 7<sup>th</sup> Street; set on the concrete foundation of the pump house, 76 feet east of the northeast corner of a veneer wood mill building, 17 feet east of the west side of the Jasper water intake pump house, 4 feet south of the north side of the pump house; a chiseled triangle.

452.731 feet NGVD 1929

#### DNR BM DUB 46, 2000

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Section 25, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the 15<sup>th</sup> Street bridge over the Patoka River; set in the top of the west concrete bridge seat, 15.6 feet north of the centerline of 15<sup>th</sup> Street, 1.9 feet below the top of the concrete bridge deck, 1.0 foot east of the west end of the concrete bridge deck, 0.7 foot southwest of the northwest corner of the west most metal "I" beam guardrail support post, 0.4 foot north of the north face of the concrete bridge deck, 0.4 foot west of the east face of the concrete bridge seat, 0.3 foot south of the north face of the concrete bridge seat; a Department of Natural Resources control station tablet, stamped "DUB 46 2000".

141.6798 meters NGVD 1929

464.828 feet NGVD 1929

#### IFC&WRC BM DUB 12, 1954

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Sec. 24, T. 1 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.0 mile northeast of Jasper; about 1.3 miles northeast along the Jasper Kellersville Road from its "T" road intersection with 15<sup>th</sup> Street to a dim dirt road leading east, at the southern Railway crossing of the dirt road; set in the top of a concrete post, 319 feet northeast of milepost 57, 83 feet northeast of the northeast end of a railroad trestle, 22 feet southeast of the southeast rail, 14.5 feet south of the centerline of the dirt road, 3 feet below the track, level with the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 12 1954".

461.384 feet NGVD 1929

#### IFC&WRC TBM P 128

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 20, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.0 miles northeast of Jasper; at the 300 North Road concrete culvert over Coon Run; 156 feet northwest of the northwest rail of the Southern Railway, 5 feet west of the east end of the south wingwall of the culvert; a chiseled triangle.

463.407 feet NGVD 1929

**USGS BM 65 CH 1941**

In Dubois County, Jasper Quad., in the SE  $\frac{1}{4}$  of Sec. 20, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.0 miles northeast of Jasper; about 1.0 mile north along 175 East Road from its "T" road intersection with Jasper Dubois Road; set in the top of a concrete post, 60 feet east of and across the road from the east edge of the Patoka River, 57 feet northeast of power pole N-17, 18 feet east of the centerline of the road, 4 feet north of the north gatepost of a field entrance, projecting 0.1 foot above the ground; a U.S. Geological Survey bronze disk, stamped "65 CH 1941".

462.637 feet NGVD 1929

**IFC&WRC TBM P 48**

In Dubois County, Dubois Quad., in the NE  $\frac{1}{4}$  of Sec. 20, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.7 miles southwest of Dubois; at the Coon Seitz single span steel truss bridge over the Patoka River; set on the top of the southeast bridge seat, 8 feet southwest of the centerline of the road, 1.5 feet southwest of the southwest edge of the bridge, 1.2 feet southeast of the northwest face of the bridge seat, 0.9 foot below the bridge floor; a chiseled triangle.

468.337 feet NGVD 1929

**IFC&WRC TBM P 49**

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 17, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.3 miles southwest of Dubois; at the "T" road intersection of 300 North Road (gravel) and 175 East Road (dirt); set in the northeast side of a 23-inch Red Oak tree, 52 feet south of the centerline of 300 North Road, 41 feet east of the east edge of the Patoka River, 24 feet west of the centerline of 175 East Road, 0.7 foot above the ground; a railroad spike.

***Mark is still there but its has been overgrown***

464.296 feet NGVD 1929

**IFC&WRC TBM P 150**

In Dubois County, Dubois Quad., in the NE  $\frac{1}{4}$  of Sec. 17, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.3 miles southwest of Dubois; at the Southern Railway trestle and single span steel truss bridge over the Patoka River; 5 feet northwest of the northwest rail, 4.5 feet southeast of the northwest edge of the center concrete pier, 2.6 feet below the track; a chiseled triangle.

474.460 feet NGVD 1929

**IFC&WRC TBM P 151**

In Dubois County, Jasper Quad., in the SW  $\frac{1}{4}$  of Sec. 29, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.0 miles east of Jasper; at the Jasper Dubois Road concrete bridge over Jasper Brook; set on the top of the south handrail, 700 feet northwest of the west end of the Jasper water supply dam at Jasper Lake, 10 feet south of the centerline of the road, 2.3 feet above the road, 0.4 foot west of the east end of the handrail; a chiseled square.

478.756 feet NGVD 1929

**IFC&WRC TBM P 165**

In Dubois County, Jasper Quad., in the SW  $\frac{1}{4}$  of Sec. 29, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.0 miles east of Jasper; at the Jasper Dubois Road concrete bridge over Jasper Brook; thence 0.12 mile southeast to the concrete gaging weir below the Jasper water supply reservoir; set on the top of the northwest end of the northeast abutment of the weir; a chiseled square.

476.946 feet NGVD 1929

**IFC&WRC BM DUB 13, 1954**

In Dubois County, Jasper Quad., in the SW  $\frac{1}{4}$  of Sec. 29, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.0 miles east of Jasper; at the Jasper Dubois Road concrete bridge over Jasper Brook; set on the top of the north handrail, 700 feet northwest of the west end of the Jasper water supply dam at Jasper Lake, 10 feet north of the centerline of the road, 2.2 feet above the road, 0.7 foot west of the east end of the handrail; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 13 1954".

478.780 feet NGVD 1929

**USGS BM 66 CH 1941**

In Dubois County, Dubois Quad., in the SW  $\frac{1}{4}$  of Sec. 9, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.8 miles west of Dubois; at the Southern Railway overpass over 175 East Road; set in the top of a concrete post, 270 feet north of the overpass, 39 feet west of the centerline of the road, 8.5 feet north of the north gatepost of a field entrance, 2.2 feet east of a fence line, 0.8 foot above the ground; a U.S. Geological Survey bronze disk, stamped "66 CH 1941".

468.362 feet NGVD 1929

**IFC&WRC BM DUB 14, 1954**

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 5, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.1 miles west of Dubois; at the John Seitz single span steel truss bridge over the Patoka River; set in the top of the southeast bridge seat, 7.5 feet southeast of the centerline of the bridge, 0.9 foot below the bridge floor, 0.6 foot northwest of the southeast edge of the bridge seat; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 14 1954".

471.906 feet NGVD 1929

#### **USGS RM 1 Haysville**

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 5, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.1 miles west of Dubois; at the John Seitz single span steel truss bridge over the Patoka River; set in the northeast side of a 10-inch black oak tree, 53 feet southwest of the southwest end of the bridge, 5 feet southeast of the extended centerline of the bridge, 1.3 feet above the ground; a  $\frac{1}{4}$ -inch bolt.

477.062 feet NGVD 1929

#### **USGS RM 2 Haysville**

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 5, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.1 miles west of Dubois; at the John Seitz single span steel truss bridge over the Patoka River; set on top of the anchor bolt, 7 feet northwest of the centerline of the bridge, 2.4 feet southwest of the northeast face of the southwest bridge seat, 1.2 feet southeast of the northwest edge of the bridge seat, 0.7 foot below the bridge floor; a chiseled cross.

472.072 feet NGVD 1929

#### **USGS RM 3 Haysville**

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 5, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.1 miles west of Dubois; at the John Seitz single span steel truss bridge over the Patoka River; set on top of the anchor bolt, 7 feet southeast of the centerline of the bridge, 2.2 feet southwest of the northeast face of the southwest bridge seat, 0.7 foot below the bridge floor; a chiseled cross.

472.100 feet NGVD 1929

#### **USGS BM 73 CH 1941**

In Dubois County, Dubois Quad., in the NE  $\frac{1}{4}$  of Sec. 15, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 1.4 miles west-southwest of Dubois; at the Southern Railway trestle and single span steel truss railroad bridge over the Patoka River; at the southeast corner of the steel truss, 4.9 feet south of the south rail, 3.4 feet north of the south end of the center concrete pier, 2.6 feet below the track; a U.S. Geological Survey bronze disk, stamped "73 CH 1941".

485.143 feet NGVD 1929

#### **IFC&WRC BM DUB 15, 1954**

In Dubois County, Dubois Quad., in the NW  $\frac{1}{4}$  of Sec. 12, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; at Dubois; at the State Road 545 single span steel truss bridge over the Patoka River; set in the north corner of the bridge in the top of the bridge seat, 8.5 feet northeast of the centerline of the highway, 1.5 feet northeast of the northeast side of the bridge floor, 1.2 feet below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 15 1954".

481.829 feet NGVD 1929

**IFC&WRC BM DUB 15, 1954 RESET 1960**

In Dubois County, Dubois Quad., in the NW  $\frac{1}{4}$  of Sec. 12, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; at Dubois; at the State Road 545 concrete bridge over the Patoka River, set in top at the northwest end of the northeast concrete sidewalk of the bridge, 42 feet southeast of the northwest end of the bridge, 15.5 feet northeast of the centerline of the highway, 1.3 feet northeast of the southwest edge of the sidewalk, 0.9 foot above the highway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 15 1954 RESET 1960".

*Recovered 1/22/87 J. C. S.*

487.341 feet NGVD 1929

**ISHC BM V 230 DUB**

In Dubois County, Dubois Quad., in the NW  $\frac{1}{4}$  of Sec. 12, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; at Dubois; at the State Road 545 concrete bridge over the Patoka River; set in top at the southeast end of the southwest concrete sidewalk of the bridge, 17 feet northwest of the southeast end of the bridge, 16 feet southwest of the centerline of the highway, 1.2 feet southwest of the northeast edge of the sidewalk, 0.9 foot above the highway; a Indiana State Highway Commission bench mark tablet, stamped "V 230 DUB".

*Recovered 1/22/87 J. C. S.*

490.254 feet NGVD 1929

**IFC&WRC BM DUB 16, 1954**

In Dubois County, Dubois Quad., in the NE  $\frac{1}{4}$  of Sec. 1, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 1.2 miles north-northeast of Dubois; at the Southern Railway single span steel truss bridge over the Patoka River; set in the top of a ledge, 22 feet west of the west rail, 21 feet east of a fence line, 2.7 feet south of the north edge of the ledge, 1.0 foot below the track; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 16 1954".

492.496 feet NGVD 1929

**IFC&WRC TBM P 152**

In Dubois County, Dubois Quad., in the NW  $\frac{1}{4}$  of Sec. 31, T. 1 N., R. 3 W., 2<sup>nd</sup> PM.; about 1.9 miles north-northeast of Dubois; at the Southern Railway single span steel truss bridge over the Patoka River, at the northeast corner of the bridge; set on the top of the east abutment, 8 feet north of the north rail, 3 feet below the track, 3 feet south of the north edge of the abutment; a chiseled triangle.

*Recovered 1/21/87 J.C.S. T. J.*

491.343 feet NGVD 1929

**IFC&WRC BM DUB 17, 1954**

In Dubois County, Dubois Quad., in the NW  $\frac{1}{4}$  of Sec. 31, T. 1 N., R. 3 W., 2<sup>nd</sup> PM.; about 2.0 miles northeast of Dubois; at the Crystal Sta single span steel truss bridge over the Patoka River; set in the top of the south abutment, 8.7 feet east of the centerline of the road, 1.8 feet south of the north face of the south abutment, 0.7 foot below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 17 1954".

*Destroyed J. C. S. 1/21/87*

489.602 feet NGVD 1929

**USGS BM 76 CH 1941**

In Dubois County, Dubois Quad., in the NE  $\frac{1}{4}$  of Sec. 8, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 2.0 miles east of Dubois; at the "Y"-road intersection of a gravel Dubois Cuzco Road and 450 North Road, in the northeast quarter of the intersection; set in the top of a concrete post, 35 feet north of the centerline of 450 North Road, 35 feet southeast of the centerline of the Dubois Cuzco Road, 9 feet southeast of power pole REA Coop E 378, projecting 0.4 foot above the ground; a U.S. Geological Survey bronze disk, stamped "76 CH 1941".

743.372 feet NGVD 1929

**IFC&WRC BM DUB 18, 1954**

In Dubois County, Cuzco Quad., in the SW  $\frac{1}{4}$  of Sec. 4, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.6 miles southwest of Cuzco; at the Dubois Cuzco Road single span steel truss bridge over the Patoka River; set in the top of the northeast bridge seat, 8 feet northwest of the centerline of the road, 1.7 feet northeast of the southwest face of the bridge seat, 1.1 feet below the road a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 18 1954".

*Destroyed J. C. S. 1/19/87 New BM will be set by Dubois Co. highway dept. on new Bridge 1/20/87 J. C. S.*

489.287 feet NGVD 1929

**DNR BM DUB 18 RESET 1987**

In Dubois County, Cuzco Quad., in the SW  $\frac{1}{4}$  of Section 4, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; approximately 3.0 miles east-northeast of Dubois; at the Dubois-Cuzco Road concrete bridge over the Patoka River; set in the west end of the south headwall of the bridge, 11.5 feet northwest of the centerline of the road, 3.3 feet northeast of the end of the southwest wingwall; a Department of Natural Resources control station tablet, stamped "DUB 18 RESET 1987".

**THIRD ORDER**

149.3840 meters NGVD 1929

490.104 feet NGVD 1929

**DNR TBM PR 1, 1987**

In Dubois County, Cuzco Quad., in the SW  $\frac{1}{4}$  of Section 4, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; approximately 3.0 miles east-northeast of Dubois; at the Dubois-Cuzco Road concrete bridge over the Patoka River; set in the northwest side of a 18 inch Maple tree on a fence line, 450 feet southwest of the bridge, 19.0 feet southeast of the centerline of the road, 2.0 feet below the road, 1.2 feet above the ground; railroad spike driven through an aluminum tag, stamped "IDNR TBM PR 1 1987".

**THIRD ORDER**

160.2626 meters NGVD 1929

525.795 feet NGVD 1929

**DNR TBM PR 2, 1987**

In Dubois County, Cuzco Quad., in the SW  $\frac{1}{4}$  of Section 4, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; approximately 3.0 miles east-northeast of Dubois; at the Dubois-Cuzco Road concrete bridge over the Patoka River; set in the north-northwest side of a 12 inch Walnut tree, 650 feet southwest of the bridge, 17.0 feet south-southeast of the centerline of the road, 1.0 foot below the road, 1.5 feet above the ground; railroad spike driven through an aluminum tag, stamped "IDNR TBM PR 2 1987".

**THIRD ORDER**

156.8321 meters NGVD 1929

514.540 feet NGVD 1929

**USGS TBM 489.2**

In Dubois County, Cuzco Quad., in the SW  $\frac{1}{4}$  of Sec. 4, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.6 miles southwest of Cuzco; at the Dubois Cuzco Road single span steel truss bridge over the Patoka River; set on the top of the southwest bridge seat, 10 feet southeast of the centerline of the road, 2.4 feet northwest of the southeast edge of the bridge seat, 1.1 feet below the road; a chiseled square.

489.247 feet NGVD 1929

**IFC&WRC BM DUB 19, 1954**

In Dubois County, Cuzco Quad., in the SE  $\frac{1}{4}$  of Sec. 10, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 2.2 miles south of Cuzco; at the 450 North Road single span steel truss bridge over the Patoka River; set in the top of a concrete post, 100.5 feet west of the west end of the southwest end steel truss of the bridge, 58 feet west of the west end of the bridge, 54 feet southwest and across the road from a 17-inch lone tree, 16.5 feet south of the centerline of the road, 0.6 foot north of a east-west fence line, 0.2 foot below the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 19 1954".

*DESTROYED J.C.S. 10/30/80*

490.190 feet NGVD 1929

**IFC&WRC BM DUB 20, 1954**

In Dubois County, Cuzco Quad., in the SW  $\frac{1}{4}$  of Sec. 11, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 2.1 miles south of Cuzco; 0.15 mile north from the post office at Dubois, thence 5.6 miles generally east along a gravel Dubois Cuzco Road and then 450 East Road to a T-road junction of a north-south gravel road (old Cuzco Road South), thence 0.2 mile south to a single span steel truss bridge over the Patoka River, (the old bridge is about 0.3 mile downstream of the new Cuzco South Road bridge, just south of a unnamed tributary to the Patoka River); set in the top of the west bridge seat, 7.5 feet north of the centerline of the road, 2 feet north of the north handrail of the bridge, 1.3 feet south of the north edge of the bridge seat, 0.8 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 20 1954".

494.123 feet NGVD 1929

**USGS BM 19 M 495, 1947**

In Dubois County, Cuzco Quad., SW  $\frac{1}{4}$  of Sec. 14, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 3.0 miles south-southeast of Cuzco; 0.15 mile north from the post office at Dubois, thence 5.6 miles generally east along a gravel Dubois Cuzco Road and then 450 East Road to a "T"-road junction of a north-south gravel road (old Cuzco Road South), thence about 1.3 miles south to the crossroads (330 North Road) at Ellsworth, thence 0.9 mile east and southeast along a gravel 330 North Road to a single span steel truss bridge over a tributary of the Patoka River; set in the top of a concrete post, 45 feet southeast of the south end of the bridge, 25 feet west of a 36-inch Beech tree, 20 feet northeast of the centerline of the road, projecting 0.5 foot above the ground; a U.S. Geological Survey bronze disk, stamped "19 M 495 1947".

Now under Patoka Lake

494.757 feet NGVD 1929

**IFC&WRC BM DUB 21, 1954**

In Dubois County, Cuzco Quad., NE  $\frac{1}{4}$  of Sec. 13, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 3.0 miles southeast of Cuzco; 0.15 mile north from the post office at Dubois, thence 5.6 miles generally east along a gravel Dubois Cuzco Road and then 450 East Road to a "T"-road junction of a north-south gravel road (old Cuzco Road South), thence about 1.3 miles south to the crossroads (330 North Road) at Ellsworth, thence 1.0 mile east and southeast to a "Y"-road junction of a gravel road leading northeast, thence 2.3 miles northeast and east to a "T"-road junction of a gravel road leading northwest, 80 feet west of the Dubois-Orange County Line, thence 0.3 mile northwest, also 1.1 miles north and west from the Elon Christian Church at Elon, Orange County, along a gravel road to a "T"-road junction of a north-south gravel road along the Dubois-Orange County Line, thence 0.6 mile north and northwest to a single span steel truss bridge over the Patoka River; set in the top of the southeast bridge seat, 9 feet southwest of the centerline of the road, 1.8 feet southwest of the southwest edge of the bridge floor, 1.2 feet southeast of the northwest face of the bridge seat, 1.0 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 21 1954".

Now under Patoka Lake

498.076 feet NGVD 1929

#### **IFC&WRC TBM P 130**

In Dubois County, Cuzco Quad., SE  $\frac{1}{4}$  of Sec. 9, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 2.3 miles southwest of Cuzco; at the 450 North Road 30-foot steel bridge over a unnamed tributary to the Patoka River; set on the top of the steel railing, 12 feet east of the centerline of the road, 0.2 foot north of the south end of the east rail; a filed cross. 508.541 feet NGVD 1929

#### **IFC&WRC TBM P 117**

In Dubois County, Velpen Quad., NE  $\frac{1}{4}$  of Sec. 10, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 2.7 miles northwest of Duff; 1.5 miles west of Duff along a gravel 350 South Road to 800 West Road, thence 2.35 miles generally north along the gravel road, 1.07 miles generally north of the 800 West Road steel truss bridge over Patoka River; set in the east root of 26-inch Black Walnut tree, 700 feet south of a large chicken house on the east side of 825 West Road, 75 feet south of south post of a gate and entrance to the field at a fence line along the east side of the road, 19.5 feet west of the centerline of the road, 3.5 feet west of a fence line, 0.6 foot above the ground; a railroad spike.

472.530

#### **IFC&WRC TBM P118**

In Dubois County, Velpen Quad., NE  $\frac{1}{4}$  of Sec. 10, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 3 miles northwest of Duff; at the 100 South Road 22 foot I-beam concrete bridge over a small stream; set in the top of southwest wingwall, 13 feet south of the centerline of the road, 4.1 feet southwest of the southwest corner of the south bridge curb, 1.2 feet above the ground, 0.9 foot northeast of the southwest face and 0.5 foot northwest of the southeast face of the wingwall, at road level; a chiseled triangle.

441.293 feet NGVD 1929

#### **IFC&WRC TBM P120**

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 12, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 2.5 miles north of Duff; about 0.13 mile west along a dirt 100 South Road from its "T" road intersection with 600 West Road; set in north side of a 16-inch Black Walnut tree, 84 feet east of the east end of a small wooden bridge, 13 feet south of the centerline of the road, 0.6 foot above the ground; a railroad spike.

454.244 feet NGVD 1929

#### **IFC&WRC TBM P 121**

In Dubois County, Velpen Quad., in the SE  $\frac{1}{4}$  of Sec. 1, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; about 2.5 miles north of Duff; at the "T" road intersection of 100 South Road and 600 West Road, in the northwest quarter of the intersection; set in the south side of a power pole, 19 feet west of the center line of 600 West Road, 19 feet north of the center line of 100 South Road, 3.5 feet above the road, 0.2 foot above the ground; a railroad spike.

506.260 feet NGVD 1929

#### **IFC&WRC TBM P 122**

In Dubois County, Velpen Quad., in the SE  $\frac{1}{4}$  of Sec. 1, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; 2.8 miles north of Duff; about 2.8 miles north along a gravel 600 West Road from its "T" road intersection with 350 South Road; set in the east side of power pole #A3A13, 76 feet north of the centerline of a drive to a new ranch house, residence of Mr. Edwin Small, 19 feet west of the centerline of the road, 2.7 feet above the road, 0.5 foot above the ground; a railroad spike.

508.618 feet NGVD 1929

#### **IFC&WRC TBM P 123**

In Dubois County, Velpen Quad., in the NE  $\frac{1}{4}$  of Sec. 1, T. 2 S., R. 6 W., 2<sup>nd</sup> PM.; 3.3 miles north of Duff; 3.28 miles north along a gravel 600 West Road from its "T" road intersection with 350 South Road; set in the east side of a power pole, about 500 feet south of a red farm-house, 100 feet north of a small drain and culvert under the road, 27 feet west of the centerline of the road, 0.5 foot west of a fence line, 1 foot above the road, 0.5 foot above the ground; a railroad spike.

504.498 feet NGVD 1929

#### **IFC&WRC TBM P 126**

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Sec. 20, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.5 miles northwest of Huntingburg; about 0.45 mile north along 400 West Road from its "T" road intersection with 400 South Road to a turn to the west, thence 0.3 mile west along gravel road to a 23-foot concrete bridge over a tributary to the Patoka River; set in the top of the southwest guardrail, 10 feet west southwest of the centerline of the bridge, 9.4 feet south southeast of the north-northwest end, 0.2 foot west-southwest of the east-northeast face of the guardrail, 1.0 foot above the bridge floor; a chiseled triangle.

446.909 feet NGVD 1929

#### **IFC&WRC TBM P127**

In Dubois County, Huntingburg Quad., in the NE  $\frac{1}{4}$  of Sec. 29, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.0 mile northwest of Huntingburg; about 1.2 miles north along a gravel 400 West Road from its "T"-road intersection with State Road 64 to a concrete 15-foot bride over a small drain; set on the top of the west guardrail, 8 feet west of the centerline of the bridge, 1.5 feet south of the north end and 0.1 foot west of the west face of the guardrail, 1.1 feet above the road; a chiseled triangle.

451.958 feet NGVD 1929

#### IFC&WRC TBM P 133

In Dubois County, Huntingburg Quad., in the NE  $\frac{1}{4}$  of Sec. 29, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.0 mile northwest of Huntingburg; about 0.25 mile west along a gravel 400 South Road from its "T" road intersection with 400 West Road; set in the northeast side of a 16-inch Walnut tree, 15 feet south of the centerline of the road, 3.5 feet above the road, 0.7 foot above the ground; a railroad spike.

528.370 feet NGVD 1929

#### IFC&WRC TBM P160

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 16, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.0 miles southwest of Dubois; about 0.72 mile southeast along 300 North Road from its "T" road intersection with 175 East Road; set in the southwest side of a 9-inch Shagbark Hickory tree, at a wooden gate to a field, about 700 feet west of a farm house, 22 feet north of the centerline of the gravel road, 3.3 feet north of the west post of the gate, 0.6 foot above the ground; a railroad spike.

468.728 feet NGVD 1929

**NOTE: The Railroad spike is overgrown by tree and is covered by the fourth fence board from the top.**

#### IFC&WRC TBM P 163

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 22, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.4 miles southwest of Dubois; about 0.1 mile south along the Jasper Dubois Road from its "T" road intersection with Stein Bottom Road; set in the east side of a 5-inch telephone pole, 195 feet south of south end of a 24-foot I-beam wooden bridge over a drainage ditch, 27 feet west of the centerline of the gravel Jasper Dubois Road, 3.5 feet below the road, 0.1 foot above the ground; a railroad spike.

476.007 feet NGVD 1929

#### IFC&WRC TBM 164

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 22, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.4 miles southwest of Dubois; about 0.64 mile south and southwest along the Jasper Dubois Road from its "T" road intersection with Stein Bottom Road; set in the northwest side of 6-inch Sassafras tree, at the northeast post of an entrance to a field, with a "No Hunting or Trespassing", sign on it, 0.10 mile southwest of a "T"-road junction to the south, 44 feet southeast of the centerline of the gravel Jasper Dubois Road, 10 feet above the road, 0.4 foot above the ground; a railroad spike.

573.030 feet NGVD 1929

#### IFC&WRC TBM P 129

In Dubois County, Dubois Quad., in the SW  $\frac{1}{4}$  of Sec. 9, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.8 miles west of Dubois; at the Southern Railway overpass over 175 East Road; set in the top of the northwest headwall of the overpass, 8.7 feet northwest of the northwest rail, 7.7 feet west of the west face of the northeast wingwall, 0.3 foot southeast of the northwest face of the headwall, 2.5 feet below the railroad track; a chiseled triangle.  
480.647 feet NGVD 1929

#### IFC&WRC TBM P 134

In Dubois County, Dubois Quad., in the NW  $\frac{1}{4}$  of Sec. 9, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 2.8 miles west of Dubois; about 0.7 mile generally north along 175 East Road from the Southern Railway overpass over 175 East Road to a "T"-farm drive east; in the northeast quarter of the "T"-intersection; set in the east side of 14-inch half decayed Beech tree, 26 feet east of the centerline of the gravel 175 East Road, 11 feet north of the centerline of the farm drive, 1.2 feet above the ground; a railroad spike.

517.580 feet NGVD 1929

#### USGS TBM 499.1

In Dubois County, Cuzco Quad., in the NE  $\frac{1}{4}$  of Sec. 23, T. 1 S., R. 3 W., 2<sup>nd</sup> PM.; about 3.6 miles south southeast of Cuzco; 3.35 miles south along a gravel (old Cuzco Road South) road from its crossing with Southern Railroad at Cuzco to the crossroad at Ellsworth (330 North Road), thence 0.95 miles east and southeast to the single span steel truss bridge over Lick Fork Creek; set on the top of southeast wingwall, 29 feet northwest of USGS BM 19 M 95, 14.5 feet southeast of the south end of the east truss, 8.5 feet northeast of the centerline of the road, 2.5 feet northwest of the very southeast face and 0.7 foot southwest of the northeast face of the wingwall, 1 foot above the road; a chiseled triangle.

Note : mark is now under Patoka Lake.

498.632 feet NGVD 1929

#### IFC&WRC TBM EFWR 22

In Dubois County, Glendale Quad., in the SW  $\frac{1}{4}$  of Sec. 15, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 2.5 miles northeast of Iva; about 0.7 mile east along 550 North Road from its "T" road intersection with State road 257 to a "T"-road north-south, thence 0.5 mile north to a "T"-road east, thence 0.25 mile east to a right angle turn north, thence 0.5 mile north to a right angle turn east, thence 1.4 miles generally east and southeast along a dirt road following the East Fork of White River to a white river shack on the south side of the road; set in the north side of a 2-foot Ash tree, 18 feet north of the northwest corner of the house, 10 feet south of the centerline of the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 22 1961".

431.526 feet NGVD 1929

#### **USED BM TT 40 BM 40**

In Dubois County, Glendale Quad., in the NW  $\frac{1}{4}$  of Sec. 22, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 2.8 miles east of Iva; about 0.7 mile east along 550 North Road from its "T" road intersection with State road 257 to a "T"-road north-south, thence 0.5 mile north to a "T"-road east, thence 0.25 mile east to a right angle turn north, thence 0.5 mile north to a right angle turn east, thence 2.1 miles generally east and southeast along a winding dirt road which follows the left bank of the East Fork of White River to a "T"-road south, in the southeast quarter of the "T"-intersection; set in the top of an iron pipe, 25 feet east of the centerline of the "T"-road south, 11 feet south of the centerline of the east-west road, 9.0 feet west of a 36-inch tree, 1.5 feet above the road, 0.4 foot above the ground; a USED iron pipe with cap, stamped "40 TT 40".

435.962 feet NGVD 1929

#### **IFC&WRC TBM EFWR 23**

In Dubois County, Glendale Quad., in the SW  $\frac{1}{4}$  of Sec. 22, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 2.8 miles east of Iva; about 0.7 mile east along 550 North Road from its "T" road intersection with State road 257 to a "T"-road north-south, thence 0.5 mile north to a "T"-road east, thence 0.25 mile east to a right angle turn north, thence 0.5 mile north to a right angle turn east, thence 2.1 miles generally east and southeast along a winding dirt road which follows the left bank of the East Fork of White River to a "T"-road south, thence 0.15 mile south along a dirt road to a 32-inch tree on the west side of the road; set in the southeast side of the tree, 12.5 feet west of the centerline of the road, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 23 1961".

436.808 feet NGVD 1929

#### **IFC&WRC TBM EFCR 24, 1961**

In Dubois County, Glendale Quad., in the SE  $\frac{1}{4}$  of Sec. 22, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 3.2 miles east of Iva; about 0.7 mile east along 550 North Road from its "T" road intersection with State road 257 to a "T"-road north-south, thence 0.5 mile north to a "T"-road east, thence 0.25 mile east to a right angle turn north, thence 0.5 mile north to a right angle turn east, thence 2.1 miles generally east and southeast along a winding dirt road which follows the left bank of the East Fork of White River to a "T"-road south, thence 0.4 mile south along a dirt road to some farm equipment buildings on the west side of the road, thence 0.35 mile east across a farm field to a tree line of a small ditch; set in the north side of a 24-inch Sycamore tree in the middle of the slope on the east bank of the ditch, 180 feet south of the south bank of the East Fork of White River, 2.0 feet above the ground, a railroad spike driven through an aluminum tag, stamped "TBM EFWR 24 1961".

431.797 feet NGVD 1929

#### IFC&WRC TBM EFWR 25, 1961

In Dubois County, Glendale Quad., in the SE  $\frac{1}{4}$  of Sec. 23, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 4.2 miles east of Iva; 2.8 miles generally west along a gravel Portersville Road from the church at Portersville to a gravel "T"-road north (660 West Road), thence 1.3 miles generally north along the gravel and dirt 660 West Road to a turn northwest, thence 0.7 mile northwest to a right angle turn south, thence 0.57 mile south to a dead end; set in the northwest side of a 32-inch Sycamore tree, 62 feet west of the centerline of the road, on a tree line, first tree west of the road, 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 25 1961".

441.100 feet NGVD 1929

#### IFC&WRC BM DUB 22, 1961

In Dubois County, Glendale Quad., in the SE  $\frac{1}{4}$  of Sec. 14, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 4.2 miles east of Iva; 2.8 miles generally west along a gravel Portersville Road from the church at Portersville to a gravel "T"-road north (660 West Road), thence 1.3 miles generally north along the gravel and dirt 660 West Road to a turn northwest, thence 0.7 mile northwest to a right angle turn south; set in the top of a concrete post, at the turn, 21 feet east of the extended centerline of the road south, 15 feet north of the centerline of the road east, 3.3 feet northeast of a 10-inch Elm tree, 0.1 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 22 1961".

441.284 feet NGVD 1929

#### IFC&WRC TBM EFWR 26, 1961

In Dubois County, Glendale Quad., in the SE  $\frac{1}{4}$  of Sec. 14, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 4.2 miles east of Iva; 2.8 miles generally west along a gravel Portersville Road from the church at Portersville to a gravel "T"-road north (660 West Road), thence 1.3 miles generally north along the gravel and dirt 660 West Road to a turn northwest, thence 0.7 mile northwest to a right angle turn south; set in the southeast side of a 36-inch Beech tree, 21 feet east of the extended centerline of the road south, 21 feet north of the centerline of the road east, 1.4 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 26 1961".

442.522 feet NGVD 1929

#### IFC&WRC TBM EFWR 27, 1961

In Dubois County, Glendale Quad., in the NW  $\frac{1}{4}$  of Sec. 24, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 4.9 miles east of Iva; 2.8 miles generally west along a gravel Portersville Road from the church at Portersville to a gravel "T"-road north (660 West Road), thence 1.3 miles generally north along the gravel and dirt 660 West Road to a turn northwest, thence 0.15 miles along the river; set in the south side of a 14-inch Elm tree, 10 feet south of the centerline of the road, 10 feet south of the left (south bank of the East Fork of White River), 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 27 1961".

440.037 feet NGVD 1929

#### IFC&WRC TBM EFWR 28, 1961

In Dubois County, Glendale Quad., in the SW  $\frac{1}{4}$  of Sec. 24, T. 1 N., R. 6 W., 2<sup>nd</sup> PM.; about 5.0 miles east of Iva; 2.8 miles generally west along a gravel Portersville Road from the church at Portersville to a gravel "T"-road north (660 West Road), thence 0.8 mile generally north along the gravel and dirt 660 West Road to a gravel "T"-road east; set in the east side of a 16-inch Elm tree, 42 feet north of the extended centerline of the "T"-road east, 11 feet west of the centerline of 660 West Road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 28 1961".

440.725 feet NGVD 1929

#### IFC&WRC TBM EFWR 29, 1961

In Dubois County, Glendale Quad., in the Center of Sec. 19, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 6.4 miles east of Iva; 1.3 miles generally west along a gravel Portersville Road from the church at Portersville to a dirt "T"-road north (500 West Road), thence 0.9 mile generally north to a farm lane west, thence 0.35 mile west through a woods to a barn on the north side of the lane; set in the northeast side of a 40-inch White Oak tree, 52 feet southwest of the southwest corner of the barn, 9.5 feet south of the centerline of the lane, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 29 1961".

441.491 feet NGVD 1929

#### IFC&WRC TBM EFWR 30, 1961

In Dubois County, Glendale Quad., in the NE  $\frac{1}{4}$  of Sec. 19, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 6.7 miles east of Iva; 1.3 miles generally west along a gravel Portersville Road from the church at Portersville to a dirt "T"-road north (500 West Road), thence 1.2 miles generally north to a right angle turn east and a farm building on the east side of the road and a clump of Ash trees on the northwest side of the turn; set in the west side of a 42-inch Ash tree, 36 feet northwest of the northwest corner of the building, 23 feet northwest of the centerline of the road, 0.7 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 30 1961".

445.226 feet NGVD 1929

#### IFC&WRC BM DUB 23, 1961

In Dubois County, Glendale Quad., in the NE  $\frac{1}{4}$  of Sec. 19, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 6.7 miles east of Iva; 1.3 miles generally west along a gravel Portersville Road from the church at Portersville to a dirt "T"-road north (500 West Road), thence 1.4 miles generally north to where the road dead ends at the East Fork of White River; set in the top of a concrete post, 50 feet south of the south waters edge, 6 feet west of the extended centerline of the road, at the top of the bank; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet stamped "DUB 23 1961".

437.175 feet NGVD 1929

#### **USGS BM TT 76 C**

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 29, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.1 miles west of Portersville; 1.3 miles generally west along a gravel Portersville Road from the church at Portersville to a dirt "T"-road north (500 West Road), thence 0.3 mile north to a farm lane east and a farm equipment building on the east side of the road; set in the top of a concrete post, 33 feet north of the centerline of the lane east, 18 feet east of the centerline of 500 West Road, 7 feet east and 3 feet north of a 12-inch Black Walnut tree, 2.0 feet above the road, 0.1 foot above the ground; a U.S. Geological Survey disk, stamped "TT 76 C 1941 444 ft."

443.804 feet NGVD 1929

#### **IFC&WRC TBM EFWR 31**

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 29, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.0 mile southwest of Portersville; at the Portersville Road 12-foot box culvert over Rizzle Creek; set in the top of the east end of the south concrete headwall, 7.0 feet south of the centerline of the road, 1.0 foot west of the east face of the south headwall, 2.0 feet above the road; a chiseled square.

442.279 feet NGVD 1929

#### **USGS TBM 443.76**

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 29, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 0.7 mile southwest of Portersville; at the Portersville Road 17-foot concrete bridge over Portersville Drain; set in the top of and at the center of the south concrete headwall, 10.5 feet south of the centerline of the road, 10 feet west of the east end of the south headwall, 2.4 feet above the road; a chiseled square.

443.849 feet NGVD 1929

#### **IFC&WRC BM DUB 24, 1961**

In Dubois County, Alfordsville Quad., in the SW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the Portersville Road bridge over the East Fork of White River; set in the top of the west end of the south concrete bridge seat, 11 feet west of the centerline of the road, 4.5 feet below the road, 1.2 feet west of the west face of the southwest end steel truss, 1.2 feet south of the north face of the south bridge seat; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 24 1961".

446.881 feet NGVD 1929

**DNR BM DUB 24 RESET 1992**

In Dubois County, Alfordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2nd PM.; at Portersville; at the Portersville Road bridge over the east fork of the White River, at the southwest headwall, 10.4 feet west of the centerline of the bridge, 4.0 feet below the roadway, 1.0 foot south of the north face of the headwall, 1.4 feet west of a steel box girder; a Department of Natural Resources control station tablet, stamped "DUB 24 RESET 1992".

446.803 feet NGVD 1929

136.1858 meters NGVD 1929

**DNR TBM PORT 1, 1992**

In Dubois County, Alfordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the Portersville Road bridge over the East Fork of White River; set in the west side of a utility pole, 155.7feet southeast of the bottom of the southwest steel box girder, 17.4 feet east of the centerline of the Portersville Road, 6.8 feet southwest of the west end of a concrete block retaining wall, 5.0 feet above the road; a railroad spike driven through an aluminum tag, stamped "PORT 1, 1992".

472.241 feet NGVD 1929

143.9393 meters NGVD 1929

**DNR TBM PORT 2, 1992**

In Dubois County, Alfordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the Portersville Road bridge over the East Fork of White River; set in the west side of a utility pole, 85.7 feet southeast from the bottom of the southwest steel box girder, 17.7 feet east of the centerline of Portersville Road, 1.0 foot west of a concrete retaining wall, 3.0 feet above the road; a railroad spike driven through an aluminum tag, stamped "PORT 2, 1992".

463.228 feet NGVD 1929

141.1922 meters NGVD 1929

**DNR TBM PORT 3, 1992**

In Dubois County, Alfordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the Portersville Road bridge over the East Fork of White River; set in the northeast side of a 28 inch Elm tree root, 32.9 feet west of the centerline of Portersville Road, 45.6 feet southwest of the bottom of the southwest steel box girder, 3.5 feet above the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "PORT 3, 1992".

460.083 feet NGVD 1929

140.2336 meters NGVD 1929

#### DNR TBM PORT 4, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the intersection of Portersville Road and West Portersville Road, in the northwest quadrant of the intersection; set in the east side of utility pole #10-5/2 E, 117.5 feet southeast of the southeast corner of an old Church house, 37.5 feet west of the centerline of Portersville Road, 22.5 feet north of the centerline of West Portersville Road, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "PORT 4 1992."

475.553 feet NGVD 1929

144.9488 meters NGVD 1929

#### DNR TBM

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 27, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the 700 North Road bridge over Mill Creek; set on top of the southeast corner of the concrete bridge floor, 13.6 feet south of the centerline of the road, 0.55 feet west of the east face of the bridge floor, 0.45 feet north of the south face of the bridge floor, level with road; a chiseled square.

442.125 feet NGVD 1929

134.7600 meters NGVD 1929

#### DNR TBM PORT 5, 1992

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 28, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; approximately 0.65 mile south along Portersville Road; set in the east side of a utility pole, 19.5 feet west of the centerline of Portersville Road, 118.8 feet northwest of a water hydrant, 248.0 feet southeast of the centerline of a private drive, 1.5 feet above the ground; a railroad spike driven thru an aluminum tag, stamped "PORT 5 1992".

490.609 feet NGVD 1929

149.5379 meters NGVD 1929

#### DNR TBM PORT 6, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 28, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the intersection of Portersville Road and 700 North Road; set in the east side of utility pole #4018/837, 67.2 feet west of a metal road sign post, 21.2 feet west of the centerline of Portersville Road, 21.3 feet north of the extended centerline of 700 North Road, 1.1 feet above the ground; a railroad spike driven through an aluminum tag stamped "PORT 6 1992".

487.773 feet NGVD 1929

148.6735 meters NGVD 1929

#### DNR TBM PORT 7, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 27, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.85 miles southeast of Portersville; at the 700 North Road bridge over Mill Creek; set in the south side of a 20 inch Sycamore tree near the northeast corner of the bridge, 21.8 feet north of the centerline of 700 North Road, 8.8 feet northeast of the northeast corner of the concrete bridge floor, 2.0 feet above the ground, level with the asphalt road; a railroad spike driven through an aluminum tag, stamped "PORT 7 1992".

442.138 feet NGVD 1929

134.7639 meters NGVD 1929

DNR TBM PORT 8, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 26, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.85 miles southeast of Portersville; at the intersection of 700 North Road and 200 West Road; set in the west side of utility pole # 68/6828/85, 73.2 feet north of the centerline of a gravel residence driveway at 6886 North 200 West Road, 32.3 feet east of the centerline of 200 West Road, 13.7 feet north of the extended centerline of 700 North Road, 1.4 feet above the ground; a railroad spike driven through an aluminum tag, stamped "PORT 8 1992".

493.291 feet NGVD 1929

150.3554 meters NGVD 1929

DNR TBM PORT 9, 1992

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 26, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.85 miles southeast of Portersville; at the intersection of 200 West Road and West Haysville Road; set in the northwest side of utility pole #252, 222.7 feet south of the centerline of West Haysville Road, 85.4 feet south of the centerline of a gravel residence driveway at 7641 North 200 West Road, 22.8 feet east of the centerline of 200 West Road, 1.7 feet above the ground; a railroad spike driven through an aluminum tag, stamped "PORT 9 1992".

481.536 feet NGVD 1929

146.7725 meters NGVD 1929

DNR TBM PORT 10, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; approximately 380.0 feet north of the intersection of West Portersville Road and Portersville Road, at a concrete block building (Fishers Appliance Repair); set vertically in the west side of the northern most concrete window sill, 75.4 feet east of the centerline of Portersville Road, 7.8 feet north of the entrance door, 4.9 feet south of the north edge of the concrete building, 2.9 feet above the ground; a Indiana Department of Natural Resources brass control station tablet, stamped "PORT 10 1992".

482.829 feet NGVD 1929

147.1666 meters NGVD 1929

DNR TBM PORT 11, 1992

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 34, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the 700 North Road bridge over Mill Creek; set in the southwest corner of the bridge deck, 14.1 feet south of the centerline of 700 North Road, 0.6 foot north of the south edge of the bridge deck, 0.6 foot north of the guard rail, 1.4 feet east of west edge of the bridge deck, level with road; a Department of Natural Resources brass control station tablet, stamped "PORT 11 1992".

445.002 feet NGVD 1929

135.6369 meters NGVD 1929

**USGS TBM UE 450/2**

In Davies County, Alfordsville Quad., in the SW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the bridge over the East Fork of White River; set in the top of the west end of the north concrete abutment, 8.5 feet west of the centerline of the road, 3.0 feet north of the north end of the northwest end truss, 2.7 feet east of the east end of the northwest wingwall, level with the road; a chiseled point "+"

450.175 feet NGVD 1929

**USED BM TT 42 BM 42**

In Dubois County, Jasper Quad., in the SW  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Portersville; at the "T"-junction of a paved "T"-road north and a paved east-west road, in the southeast quarter of the "T"-junction; set in the top of an iron pipe, 33 feet west of a barn, 18 feet south of the centerline of the east-west road, 15 feet east of the extended centerline of the "T"-road north, 7.5 feet north of a fence line, 4.0 feet northwest of a power pole, 0.8 foot above the ground; a USESD iron pipe with a cap, stamped "42 TT 42".

479.119 feet NGVD 1929

**IFC&WRC TBM EFWR 32, 1961**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Sec. 28, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 0.9 mile east of Portersville; 0.9 mile east along a paved and gravel Portersville Haysville Road from its "T"-junction with a paved road north at Portersville; set in the northwest side of a power pole, 20.5 feet south of the center line of Portersville Haysville Road, 1.7 feet south of a fence line, 2.0 feet above the road, 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 32 1961".

512.341 feet NGVD 1929

**IFC&WRC BM DUB 25, 1961**

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 27, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.4 miles southeast of Portersville; at the Portersville Haysville Road three-span bridge over Mill Creek; set in the top of the north end of the west concrete bridge seat, 7.5 feet north of the centerline of the road, 1.2 feet west of the east face of the bridge seat, 0.8 foot south of the north face of the bridge seat, 1.3 feet below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 25 1961".

448.601 feet NGVD 1929

**IFC&WRC TBM EFWR 33**

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 27, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.4 miles southeast of Portersville; at the Portersville Haysville Road three-span bridge over Mill Creek; set in the top of the north end of the east stone bridge pier of the center span, near the northeast corner of the top of the pier, 7.0 feet north of the centerline of the road, 0.7 foot west of the east face of the pier, 0.5 foot south of the north face of the pier, 1.0 foot below the road; a chiseled triangle.

448.407 feet NGVD 1929

**IFC&WRC TBM EFWR 34, 1961**

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 26, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.5 miles west of Haysville; at the "T" road intersection of Portersville Haysville Road and 200 West Road, in the southeast quarter of the junction; set in the northwest side of a power pole, 30 feet east of the centerline of 200 West Road, 22 feet south of the centerline of Portersville-Haysville Road, 3.0 feet northwest of a fence corner post, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 34 1961".

480.031 feet NGVD 1929

**IFC&WRC BM DUB 26, 1961**

In Dubois County, Jasper Quad., in the NW  $\frac{1}{4}$  of Sec. 26, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.3 miles west of Haysville; 1.4 miles west along Portersville Haysville road from its junction with U.S. 231 at Haysville to the Walter Weisman Farm, at the northwest corner of the barn lot, at the "T"-junction of an east-west and south fence lines; set in the top of a concrete post, 200 feet west of the centerline of the drive to the house, 15 feet south of the centerline of Portersville Haysville Road, 1.1 feet north of a fence corner post, 0.1 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 26 1961".

Destroyed

519.088 feet NGVD 1929

**IFC&WRC TBM EFWR 35, 1961**

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 26, T.1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.0 mile west of Haysville; at the "T" road intersection of Portersville Haysville Road and 150 West Road, in the southeast quarter of the "T"-junction; set in the north side of a power pole, 66 feet east of the centerline of 150 West Road, 35.5 feet west of the northwest corner of a concrete block barn, 22.8 feet south of the centerline of the east-west road, 1.2 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 35 1961".

538.656 feet NGVD 1929

**IFC&WRC BM DUB 27, 1961**

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T.1 N., R. 5 W., 2<sup>nd</sup> PM.; about 0.3 mile west of Haysville; at the Portersville Haysville Road 12-foot concrete bridge over Little Creek; set in the top of the west end of the north concrete headwall of the bridge, 66 feet west of the extended centerline of a driveway to a house on the south side of the road, 10 feet north of the centerline of the Portersville Haysville Road, 0.6 foot east of the west end of the north headwall, 0.6 foot above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 27 1961".

478.806 feet NGVD 1929

**IFC&WRC TBM EFWR 36**

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T.1 N., R. 5 W., 2<sup>nd</sup> PM.; about 0.3 mile west of Haysville; at the Portersville Haysville Road 12-foot concrete bridge over Little Creek; set in the top of the east end of the south concrete headwall, 54 feet west of the centerline of a driveway to a house on the south side of the road, 9.5 feet south of the centerline of the Portersville Haysville Road, 0.4 feet west of the east end of the south headwall, 0.3 foot above the road; a chiseled triangle.

478.661 feet NGVD 1929

**IFC&WRC TBM EFWR 37**

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T.1 N., R. 5 W., 2<sup>nd</sup> PM.; at Haysville; at the intersection of Portersville Haysville Road (Main Street) and U.S. 231, in the southwest quarter of the intersection; set in the top of and at the southeast corner of a sidewalk leading west, 30 feet south of the centerline of Portersville Haysville Road (Main Street), 20.5 feet west of the centerline of U.S. 231, 0.3 foot west of the east face of the sidewalk, 0.2 foot north of the south face of the sidewalk, 0.5 foot above the highway; a chiseled triangle.

540.689 feet NGVD 1929

**USGS TBM UE 477.8**

In Dubois County, Jasper Quad, in the NE  $\frac{1}{4}$  of Sec. 25, T.1 N., R. 5 W., 2<sup>nd</sup> PM.; about 0.6 mile north of Haysville; at the U.S. 231 and State Road 45 bridge over the East Fork of White River; set in the top of the southwest concrete guardrail of the bridge, 13.5 feet west of the centerline of the highway, 3.8 feet south of the north face of the southwest concrete guardrail; a chiseled triangle.

477.785 feet NGVD 1929

#### IFC&WRC BM DUB 28, 1961

In Dubois County, Jasper Quad, in the NE  $\frac{1}{4}$  of Sec. 25, T.1 N., R. 5 W., 2<sup>nd</sup> PM.; about 0.6 mile north of Haysville; at the U.S. 231 and State Road 45 bridge over the East Fork of White River; set in the top of the southeast concrete wingwall-guardrail of the bridge, 13.5 feet east of the centerline of the highway, 2.2 feet south of the north face of the guardrail, 3.6 feet above the highway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 28 1961".

477.758 feet NGVD 1929

#### IFC&WRC TBM EFWR 38, 1961

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 30, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 0.7 mile east of Haysville; 0.7 mile east along State Road 56 from its intersection with U.S. 231 at Haysville; set in the north side of a power pole, 200 feet east of a dirt "T"-road south (20 East Road), 18 feet south of the centerline of State Road 56, 0.5 foot above the ground; a railroad spike driven through an aluminum tag, stamped TBM EFWR 38 1961".

513.950 feet NGVD 1929

#### USGS TBM UE 465.6

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 30, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 0.9 mile east of Haysville; 0.95 mile generally east along State Road 56 from its intersection with U.S. 231 at Haysville to a traffic counter station on State Road 56; set in the top of the north side of the 20-foot circular concrete base of the counter on the north side of the highway, 18 feet north of the centerline of the highway, 1.1 feet east of the east end of the north headwall of a culvert under the highway, 0.4 foot north of the north end of the counter post, 0.3 foot below the highway; a chiseled square.

465.640 feet NGVD 1929

#### IFC&WRC BM DUB 29, 1961

In Dubois County, Jasper Quad, in the SE  $\frac{1}{4}$  of Sec. 30, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 1.1 miles east of Haysville; 1.1 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to an 8-foot box culvert under the highway; set in the top of the east end of the south concrete headwall, 130 feet west of the extended centerline of a driveway to a brick and stone house on the north side of the highway, 18.5 feet south of the centerline of the highway, 1.3 feet west of the east end of the south headwall of the culvert, 0.4 foot below the highway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 29 1961".

**7/13/95 RWW Reporter Destroyed by INDOT**

468.839 feet NGVD 1929

#### IFC&WRC TBM EFWR 39

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 32, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 1.8 miles east of Haysville; 1.85 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to an old abandoned white house on the south side of the road; set in the top of and on the northwest corner of a 4-foot square concrete base for a water pump at the southeast corner of the house, 80 feet south of the centerline of the highway, 45 feet west of the centerline of a driveway to a barn, 9.5 feet east of the east face of the house, 1.0 foot above the ground; a chiseled triangle across the corner.

609.569 feet NGVD 1929

#### USGS BM 71 CH 1941

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 32, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 2.0 miles east of Haysville; at the "T" road intersection of State Road 56 and a gravel 150 East Road, in the northwest quarter of the "T"-junction; set in the top of a concrete post, 38.5 feet north of the centerline of State Road 56, 24 feet west of the centerline of 150 East Road, 9.0 feet north of a fence corner post, 1.0 foot west of a fence line, 0.7 foot above the ground; a U.S. Geological Survey bronze bench mark tablet, stamped "71 CH 1941 627".

627.265 feet NGVD 1929

#### IFC&WRC TBM EFWR 40, 1961

In Dubois County, Dubois Quad, in the NE  $\frac{1}{4}$  of Sec. 29, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 4.5 miles northwest of Dubois; 2.1 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to a gravel "T"-road north (150 East Road), thence 0.3 mile north to a "T"-road east (800 North Road), thence 0.45 mile east and northeast to a small abandoned house on the north side of the road; set in the south side of a power pole, 27 feet north of the centerline of 800 North Road, 19 feet west of the centerline of the driveway to the house, 4.0 feet above the road, 0.3 foot above the ground, a railroad spike driven through an aluminum tag, stamped "TBM EFWR 40 1961".

626.040 feet NGVD 1929

#### IFC&WRC TBM EFWR 41

In Dubois County, Dubois Quad, in the SW  $\frac{1}{4}$  of Sec. 21, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 4.8 miles northwest of Dubois; 2.1 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to a gravel "T"-road north (150 East Road), thence 0.3 mile north to a "T"-road east (800 North Road), thence 1.05 miles east and northeast along a gravel 800 North Road to a 20-foot concrete bridge over a small ditch; set in the top of the northeast end of the northwest concrete headwall, 7.0 feet northwest of the centerline of the road, 5.5 feet southwest of the northeast face of the northwest headwall, 0.3 foot northwest of the southeast face of the headwall, 1.3 feet above the road; a chiseled triangle.

444.408 feet NGVD 1929

#### IFC&WRC BM DUB 30, 1961

In Dubois County, Dubois Quad, in the NW  $\frac{1}{4}$  of Sec. 28, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 4.8 miles northwest of Dubois; 2.1 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to a gravel "T"-road north (150 East Road), thence 0.3 mile north to a "T"-road east (800 North Road), thence 1.05 miles east and northeast along a gravel 800 North Road to a 20-foot concrete bridge over a small ditch; set in the top of the northeast end of southeast concrete headwall, 7 feet southeast of the northeast face of the southeast headwall, 1.1 feet above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 30 1961".

444.286 feet NGVD 1929

#### IFC&WRC BM DUB 31, 1961

In Dubois County, Rusk Quad, in the NE  $\frac{1}{4}$  of Sec. 21, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 2.9 miles southeast of South Martin; 2.1 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to a gravel "T"-road north (150 East Road), thence 0.3 mile north to a "T"-road east (800 North Road), thence 1.15 mile east and northeast along a gravel and dirt 800 North Road to a "T"-road northeast, thence 1.1 mile northeast along a dirt road to a small flat wood bridge over a small ditch; set in the top of a concrete post, 61 feet west of the centerline of a drive leading to farm buildings to the north, 23 feet west of the southwest corner of the bridge, 11 feet south of the centerline of the dirt road, 4.3 feet east of a utility pole, 0.1 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 31 1961".

450.363 feet NGVD 1929

#### IFC&WRC TBM EFWR 42, 1961

In Dubois County, Rusk Quad, in the NW  $\frac{1}{4}$  of Sec. 22, T.1 N., R. 4 W., 2<sup>nd</sup> PM.; about 2.9 miles southeast of South Martin; 2.1 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to a gravel "T"-road north (150 East Road), thence 0.3 mile north to a "T"-road east (800 North Road), thence 1.15 mile east and northeast along a gravel and dirt 800 North Road to a "T"-road northeast, thence 1.15 mile northeast along a dirt road to a "T"-road northeast, in the northeast quarter of the "T"-junction with a farm lane north; set in the south side of a 28-inch Sycamore tree, 58 feet east of the centerline of the farm lane north, 32 feet north of the centerline of the east-west road, 1.9 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM EFWR 42 1961".

452.504 feet NGVD 1929

#### **IFC&WRC TBM EFWR 43, 1961**

In Dubois County, Rusk Quad, in the NE  $\frac{1}{4}$  of Sec. 21, T. 1 N., R. 4 W., 2<sup>nd</sup> PM.; about 2.9 miles southeast of South Martin; 2.1 miles generally east along State Road 56 from its intersection with U.S. 231 at Haysville to a gravel "T"-road north (150 East Road), thence 0.3 mile north to a "T"-road east (800 North Road), thence 1.15 mile east and northeast along a gravel and dirt 800 North Road to a "T"-road northeast, thence 1.15 mile northeast along a dirt road to a "T"-road northeast, thence 0.6 mile generally north to a river cabin; set in the west side of a 26-inch Beech tree, 84 feet east of the cabin, 19 feet west of an out house, 1.9 feet above the ground; a railroad spike driven through an aluminum tag stamped "TBM EFWR 43 1961".

454.792 feet NGVD 1929

#### **IFC&WRC TBM X-TIE 1**

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 32, T. 1 N., R. 4 W., 2<sup>nd</sup> PM.; about 3.6 miles northwest of Dubois; at the intersection of 625 North Road and 175 East Road; set in the southeast side of a 20-inch Maple tree, 22 feet north on the extended center line of 175 East Road, 7.0 feet west of the west end of a gate on road leading to a field, 0.2 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM X-TIE 1".

486.961 feet NGVD 1929

#### **USGS BM 70 CH 1941**

In Dubois County, Dubois Quad., in the SW  $\frac{1}{4}$  of Sec. 33, T. 1 N., R. 4 W., 2<sup>nd</sup> PM.; about 3.6 miles northwest of Dubois; at the intersection of 600 North Road and 175 East Road; set in the top of a concrete post, in the northeast quarter of the junction, 50 feet north of the centerline of 600 North Road, 23.5 feet east of the centerline of 175 East Road, about 5 feet above the junction, 25 feet north of a power pole, flush with the ground; a U.S. Geological Survey bench mark tablet, stamped "70 CH 1941 580".

480.079 feet NGVD 1929

#### **IFC&WRC TBM X-TIE 2**

In Dubois County, Dubois Quad., in the SE  $\frac{1}{4}$  of Sec. 5, T. 1 S., R. 4 W., 2<sup>nd</sup> PM.; about 3.1 miles west of Dubois; at the John Seitz single span steel truss bridge over the Patoka River; set in the top of a 3/5-inch anchor bolt anchoring the bottom plate of the east steel truss to the northeast stone bridge, at the northeast corner of the bridge, 7.5 feet southeast of the centerline of the road, 1.4 feet northeast of the southwest face of the northeast stone bridge seat, 0.7 foot below the road; a scratched cross.

472.022 feet NGVD 1929

**IFC&WRC BM DUB 32, 1963**

In Dubois County, Bristow Quad., in the SW  $\frac{1}{4}$  Sec. 14, T. 3 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.9 miles northwest of Kitterman Corners; 2.2 miles generally northwest along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a "Y"-road (Carlisle Road) west and south-west to Siberia and a bridge over the Anderson River; set the top at the southwest end of the northeast retaining wall of the bridge, in the northwest quarter of the junction, 27.8 feet northwest of the centerline of State Road 45, 12.0 feet north of the centerline of Carlisle Road, 2.2 feet northeast of the southwest face of the northeast retaining wall, 1.2 feet above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 32 1963".  
446.122 feet NGVD 1929

**DNR TBM AND 1, 1996**

In Dubois County, Bristow Quad., in the SW  $\frac{1}{4}$  Sec. 14, T. 3 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.9 miles northwest of Kitterman Corners; 2.2 miles generally northwest along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a "Y"-road (Carlisle Road) west and south-west to Siberia and a bridge over the Anderson River, at the Dubois-Perry County Line; set in the top of the north end of the east concrete bridge seat, 23.4 feet west of the centerline of State Road 145, 12.8 feet north of the centerline of Carlisle Road, 2.4 feet below the level of the concrete bridge deck, 2.2 feet west of the west face of the northeast concrete wingwall of the bridge, 1.0 foot east of the west face of the concrete bridge seat, 0.3 foot south of the north face of the concrete bridge seat; a chiseled triangle.

444.756 feet NGVD 1929

3<sup>rd</sup> Order

**USGS TBM UE 446.4**

In Perry County, In Dubois County, Bristow Quad., in the SW  $\frac{1}{4}$  Sec. 14, T. 3 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.9 miles northwest of Kitterman Corners; 2.2 miles generally northwest along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a "Y"-road (Carlisle Road) west and south-west to Siberia and a bridge over the Anderson River, at the Dubois-Perry County Line; set in the top of the northwest end of the southwest retaining wall, in the southwest quarter of the junction, 9.5 feet southwest of the centerline of Carlisle Road, 0.3 foot southwest of the northeast end of the southwest retaining wall, 0.5 foot above the road; a chiseled square.  
446.156 feet NGVD 1929

**USGS BM TT 92 DWP**

In Dubois County, Birdseye Quad., in the SE  $\frac{1}{4}$  Sec. 14, T. 3 S., R. 3 W., 2<sup>nd</sup> PM.; about 4.0 miles south of Birdseye; 2.8 miles generally north along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a 36-foot single-span concrete bridge over a tributary to Anderson River; set in the top of a concrete post, 30.7 feet southeast of the centerline of State Road 145, 300 feet northeast of the northeast end of the bridge, 1.0 foot above the road; a U.S. Geological Survey bronze bench mark tablet, stamped "TT 92 DWP 461 IND 1947".  
460.643 feet NGVD 1929

**USGS TBM UE 462.2**

In Dubois County, Birdseye Quad., in the NE  $\frac{1}{4}$  Sec. 14, T. 3 S., R. 3 W., 2<sup>nd</sup> PM.; about 3.6 miles south of Birdseye; 3.3 miles generally north along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a 14-foot single-span concrete bridge over a tributary to Anderson River; set in the top at the southwest end of the southeast guardrail, 8.9 feet southeast of the centerline of the road, 0.3 foot northeast of the southwest face of the southeast guardrail, 2.0 feet above the road; a chiseled square.

***DESTROYED 2-12-80 G. E. K.***

461.936 feet NGVD 1929

**USGS TBM UE 459.7**

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 12, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 3.2 miles south of Birdseye; about 3.6 miles generally north along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a 20-foot single-span concrete bridge over a tributary to the Anderson River; set in the top at the northwest corner of the west guardrail, 234 feet north of the centerline of a "T"-road west (Taylor Hollow Road), 10.0 feet west of the centerline of the highway, 2.3 feet above the road; a chiseled square.

***DESTROYED 2-12-80 G. E. K.***

459.713 feet NGVD 1929

**IFC&WRC BM DUB 33**

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 12, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 2.6 miles south of Birdseye; 4.2 miles generally north along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a 12.5-foot single-span concrete bridge over a tributary to the Anderson River; set in the top at the north end of the west guardrail, 10.3 feet west of the centerline of the highway, 0.6 foot south of the north end of the west guardrail, 2.2 feet above the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 33 1963".

***DESTROYED 5-17-71 J.S.R***

462.644 feet NGVD 1929

**USGS UE 460.0**

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 12, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 2.6 miles south of Birdseye; 4.2 miles generally north along State Road 145 from its intersection with State Road 62 in Kitterman Corners to a 12.5-foot single-span concrete bridge over a tributary to the Anderson River; set in the top at the south end of the east guardrail, 10.3 feet east of the centerline of the highway, 0.4 foot north of the south end of the east guardrail, 2.1 feet above the road; a chiseled square.

*Destroyed G. E. K. 2/12/80*

462.761 feet NGVD 1929

#### USGS TBM UE 476.6

In Dubois County, Birdseye Quad, in the NW  $\frac{1}{4}$  of Section 12, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 2.7 miles south of Birdseye; 2.9 mile generally south along State Road 145 from its junction with State Road 64 in Birdseye to a 15-foot single-span concrete bridge over a tributary to the Anderson River; set in the top at the north end of the west guardrail, 9.8 feet west of the centerline of State Road 145, 1.0 foot above the road; a chiseled square.

*Destroyed G. E. K. 2/12/80*

476.592 feet NGVD 1929

#### IFC&WRC TBM AR 39

In Dubois County, Birdseye Quad, in the NW  $\frac{1}{4}$  of Sec. 1, T. 3 S., R. 3 W., 2<sup>nd</sup> PM.; about 2.1 miles south of Birdseye; 2.3 miles generally south along State Road 145 from its junction with State Road 64 in Birdseye to a 15-foot single-span concrete bridge over a tributary to the Anderson River; set in the top at the north end of the west guardrail, 10.2 feet west of the centerline of the highway, 0.6 foot south of the north end of the west guardrail, 2.4 feet above the road; a chiseled triangle.

477.895 feet NGVD 1929

#### IFC&WRC BM DUB 34

In Dubois County, Birdseye Quad, in the North  $\frac{1}{2}$  of Sec. 1, T. 3 S., R. 3 W., 2<sup>nd</sup> PM.; 1.9 miles south of Birdseye; at the State Road 145 single-span steel truss bridge over the Anderson River; set in the top of the southeast wingwall, 12.5 feet east of the centerline of the road, 1.2 feet north of the north face of the east end of the south bridge abutment, 1.0 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 34 1963".

**DESTROYED BY ISHC LETTER 5/21/68**

474.425 feet NGVD 1929

#### USGS TBM UE 484.0

In Dubois County, Birdseye Quad.; in the SW  $\frac{1}{4}$  of Sec. 36, T. 2 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.6 miles south of Birdseye; 1.75 miles south along State Road 145 from its junction with State Road 64 in Birdseye to an 18-inch pipe culvert under the highway; set in the top at the southeast end of the southwest headwall of the culvert, on the eastern most corner of the culvert, 13.2 feet southwest of the centerline of the highway, 0.1 foot below the road; a chiseled square.

**DESTROYED 2-12-80**

483.985 feet NGVD 1929

**USGS TBM UE 485.8**

In Dubois County, Birdseye Quad.; in the SW  $\frac{1}{4}$  of Sec. 36, T. 2 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.5 miles south of Birdseye; at the State Road 145 single-span steel truss bridge over Waddle Branch; set in the top of the northeast wing wall, 12.0 feet east of the centerline of the highway, 0.1 foot north of the south face of the northeast wing wall, 0.2 foot above the bridge floor; a chiseled square.

DESTROYED 2-12-80

485.814 feet NGVD 1929

**IFC&WRC TBM AR 40, 1964**

In Dubois County, Birdseye Quad.; in the SE  $\frac{1}{4}$  of Sec. 36, T. 2 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.6 miles south-southeast of Birdseye; 1.4 miles south along State Road 145 from its junction with State Road 64 in Birdseye to a "Y"-road southeast, thence 0.42 mile generally southeast to a driveway to a farmhouse; set in the south side of a 24-inch tree, 159 feet northeast of the centerline of the driveway, 17.0 feet northwest of the centerline of the road, 1.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM AR 40 1964".

479.069 feet NGVD 1929

**IFC&WRC BM DUB 35**

In Dubois County, Birdseye Quad.; in the of SE  $\frac{1}{4}$  Sec. 36, T. 2 S., R. 3 W., 2<sup>nd</sup> PM.; about 1.4 miles southeast of Birdseye; 1.4 miles south along State Road 145 from its junction with State Road 64 in Birdseye to a "Y"-road southeast, thence 0.9 mile generally southeast then northeast along the road to a farm; set in the top of a concrete post, 93.9 feet west of a power pole with a transformer and a light, 68.2 feet northeast from the northeast corner of a barn on the south side of the road, 44 feet southwest of the southwest corner of a barn on the north side of the road, 18.6 feet south of the centerline of the road, level with the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "DUB 35 1963".

480.074 feet NGVD 1929

**IFC&WRC TBM AR 41, 1964**

In Crawford County, Birdseye Quad.; in the West  $\frac{1}{2}$  of Sec. 31, T. 2 S., R. 2 W., 2<sup>nd</sup> PM.; about 1.4 miles southeast of Birdseye; 1.4 miles south along State Road 145 from its junction with State Road 64 in Birdseye to a "Y"-road southeast, thence 1.3 miles southeast then northeast to a right-angle bend in the road at the location of a "T"-lane east; set in the west side of a 24-inch Oak tree, 183 feet south of the centerline of the "T"-lane east, 12.5 feet east of the centerline of the road, 3 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM AR 41 1964".

515.353 feet 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 carbonite 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 carbonite 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  $\frac{1}{4}$  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 carbonite 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  $\frac{1}{4}$  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  $\frac{1}{4}$  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 carbonite 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  $\frac{1}{4}$  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 carbonite 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  $\frac{1}{4}$  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 carbonite 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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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 Kries, 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  $\frac{1}{4}$  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 5, 1997

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 2, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 4.2 miles northwest of Birdseye; at the intersection of State Road 164 and 1025 East Road; set in the south side of a power pole, 47.5 feet north of the centerline of State Road 164, 47.0 feet east of a "STOP" sign post, 31.5 feet east of the centerline of 1025 East Road, 17.5 feet east of a telephone pedestal, 1.4 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 5 1997".

723.485 feet NAVD 1988                  2<sup>nd</sup> Order

DNR TBM PLR 6, 1997

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 1, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 3.7 miles north of Birdseye; at the intersection of State Road 164 and 1100 East Road; set in the north side of power pole # L201/1, 44.5 feet south of the centerline of State Road 164, 19.0 feet east of the centerline of 1100 East Road, 14.7 feet south of a "STOP" sign post, 2.0 feet west of a wooden fence post, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 6 1997".

647.902 feet NAVD 1988                  2<sup>nd</sup> Order

DNR TBM PLR 7, 1997

In Crawford County, Birdseye Quad, in the SE  $\frac{1}{4}$  of Section 6, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 1.4 miles west of Wickliffe; at the intersection of State Road 164 and a gravel road leading south; set in the north side of a power pole, 69.5 feet south of the centerline of State Road 164, 50.0 feet west of the gravel road leading south, 54.5 feet south of a road sign post, 1.2 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 7 1997".

552.727 feet NAVD 1988                  2<sup>nd</sup> Order

DNR TBM PLR 8, 1997

In Crawford County, Birdseye Quad, in the SE  $\frac{1}{4}$  of Section 5, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 0.4 mile west of Wickliffe; at the intersection of State Road 164 and a private gravel drive leading south; set in the south side of a approximate 40 inch Maple tree, 39.0 feet west of the extended centerline of the private drive, 24.0 feet north of the centerline of State Road 164, 1.3 feet above the ground; a railroad spike driven through an aluminum tag stamped "IDNR TBM PLR 8 1997".

631.697 feet NAVD 1988                  2<sup>nd</sup> Order

DNR TBM PLR 9, 1997

In Crawford County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 4, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; at Wickliffe; in the southeast  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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  $\frac{1}{4}$  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 railroad 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 13, 1997

In Crawford County, Taswell Quad, in the SE  $\frac{1}{4}$  of Section 15, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 1.5 miles north of Eckerty; approximately 0.7 mile north along State Road 145 from its intersection with State Road 64, near Easy Elmo's Trading Post; set in the northwest side of a power pole # 25E 81-69, 61 feet north of the north entrance to Easy Elmo's, 21 feet west of a "QUALITY RODS AND REELS" sign post, about 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 13 1997".

577.944 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 14, 1997

In Crawford County, Taswell Quad, in the NW  $\frac{1}{4}$  of Section 22, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 1.0 mile northwest of Eckerty; in the northwest  $\frac{1}{4}$  of the intersection of State Road 145 and State Road 64; set in the east side of power pole # F9300 71, 116.5 feet north of a "STOP" sign post, 57.5 feet west of the centerline of State Road 145, 50.5 feet northeast of a "WICKLIFFE PLAZA" sign post, 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM PLR 14 1997".

624.886 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 50, 1997

In Crawford County, Taswell Quad, in the NW  $\frac{1}{4}$  of Section 22, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 1.0 mile northwest of Eckerty; near the intersection of State Road 145 and State Road 64; set in top of the east concrete wingwall of the State Road 64 bridge over Fleming ditch, 20.8 feet northeast of the centerline of State Road 64, 0.6 foot southeast of the northwest face of the concrete wingwall, 0.4 foot northeast of the northeast face of the concrete bridge seat, 0.7 foot northwest of the southeast face of the concrete wingwall, about 0.5 foot above the road surface; a chiseled square.

620.334 feet NAVD 1988

2<sup>nd</sup> Order

DNR TBM PLR 16, 1997

In Crawford County, Cuzco Quad, in the NE  $\frac{1}{4}$  of Section 5, T. 2 S., R. 2 W., 2<sup>nd</sup> P.M.; about 0.75 mile north of Wickliffe along a county road from the intersection of State Road 164; in the northwest  $\frac{1}{4}$  of the intersection of the county road and the entrance road of the Wild Ridge RV Resort; set on top of the concrete head wall of a 18 inch cmp under the entrance road, 42 feet north of the centerline of the entrance road, 22.5 feet west of the centerline of the county road, 0.5 foot south of the north face of the head wall, 0.4 foot west of the top of the east edge of the head wall; a chiseled triangle.

745.132 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 carbonite 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 HAYS 1, 1992

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 26, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; about 1.0 mile northwest of Haysville; at the intersection of West Haysville Road and 150 West Road; set in the north side of a utility pole, 71.1 feet south of southwest corner of a concrete block barn, 28.8 feet south of West Haysville Road, 25.3 feet east of 150 West Road, 1.8 feet above the ground; a railroad spike driven through an aluminum tag, stamped "HAYS 1 1992".

534.880 feet NGVD 1929

163.0318 meters NGVD 1929

DNR TBM HAYS 2, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Haysville; approximately 0.35 mile northwest along West Haysville Road from its intersection with U.S. Highway 231; set in the south side of utility pole #L7/15, 110.4 feet northwest of the northwest corner of a concrete bridge floor, 20.9 feet north of the centerline of West Haysville Road, 1.8 feet above the ground, 1.0 foot south of a fence line; a railroad spike driven through an aluminum tag, stamped "HAYS 2, 1992".

477.622 feet NGVD 1929

145.5795 meters NGVD 1929

DNR TBM HAYS 3, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Haysville; at the intersection of West Haysville Road and Church Street; set in the south side of a utility pole, 80.2 feet north east of the northeast corner of St. Paul's Evangelical Lutheran Church, 25.5 feet north of the centerline of West Haysville Road, 9.0 feet east of the centerline of Church Street, 1.7 feet above the ground; a railroad spike driven through an aluminum tag, stamped "HAYS 3, 1992".

542.206 feet NGVD 1929

165.2647 meters NGVD 1929

DNR BM HAYS 4, 1992

In Dubois County, Jasper Quad, in the NW  $\frac{1}{4}$  of Sec. 26, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Haysville; at the intersection of Haysville Road and 150 West Road; set vertically in a concrete block farm utility building, 54.1 feet northeast of the extended centerline of 150 West Road, 43.2 feet north of the centerline of Haysville Road, 8.7 feet east of the west edge of the building, 3.3 feet above the ground; a Department of Natural Resources brass control station tablet, stamped "HAYS 4, 1992".

535.406 feet NGVD 1929

163.1921 meters NGVD 1929

DNR BM HAYS 5, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Haysville; at the Haysville Road bridge over Little Creek; set in the southwest concrete abutment of the bridge, 13.7 feet south of the centerline of Haysville Road, 2.5 feet west of the east edge of the abutment, 0.5 foot north of the south edge of the abutment, 1.5 feet below the road; a Department of Natural Resources control station tablet, stamped "HAYS 5, 1992".

476.491 feet NGVD 1929

145.2347 meters NGVD 1929

DNR BM HAYS 6, 1992

In Dubois County, Jasper Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T. 1 N., R. 5 W., 2<sup>nd</sup> PM.; at Haysville; about 270.0 feet west along Haysville Road from its intersection with U.S. Highway 231 to the St. Paul's Evangelical Lutheran Church; set in the top of the concrete steps of the St. Paul's Evangelical Lutheran Church, 65.2 feet southwest of the Church Street extended centerline, 48.4 feet south of the centerline of Haysville Road, 6.0 feet west of the entrance door to the church, 3.0 feet above the ground; a Department of Natural Resources control station tablet, stamped "HAYS 6 1992".

543.910 feet NGVD 1929

165.7841 meters NGVD 1929

DNR BM HRB 1, 1988

In Dubois County, Huntingburg Quad, in the SE  $\frac{1}{4}$  of Section 32, T. 2 S., R. 5 W., 2<sup>nd</sup> P.M.; at Huntingburg; at the Huntingburg Reservoir, on the top of the dam for the reservoir, on the approximate centerline of the dam; set in the top of a concrete post, 833.8 feet east of the southeast corner of a shelter house, 789.6 feet west of the west edge of a aluminum guardrail at east end of dam, 343 feet southwest of the southwest corner of the water treatment building, about 0.1 foot above the ground; a Department of Natural Resources control station tablet stamped "HRB 1 1988".

487.442 feet NGVD 1929	148.573 meters NGVD 1929
487.088 feet NAVD 1988	148.465 meters NAVD 1988

DNR BM HRB 2, 1988

In Dubois County, Huntingburg Quad, in the NE  $\frac{1}{4}$  of Section 5, T.3 S., R.5 W., 2<sup>nd</sup> P.M.; about 1.9 miles southwest of Huntingburg; about 2.3 miles west along State Road 64 from its intersection with U.S. 231 in Huntingburg, to 500 West Road, thence south about 0.75 miles along 500 South Road to 630 South Road, thence 0.6 mile east along 630 South Road to the station on the south side of 630 South Road; set in an irregular shaped concrete post, 89 feet east of a railroad spike in the centerline of 630 south road and the west most culvert under the road, 85.5 feet east of a wood post projecting  $\pm$  6.5 feet above the ground on the south side of 630 South Road, 15.8 feet south of the centerline of 630 South Road, about flush with the ground; a aluminum monument stamped "HRB 2 1988".

3<sup>rd</sup> order elevations

485.054 feet NGVD 1929	147.845 meters NGVD 1929
484.700 feet NAVD 1988	147.737 meters NAVD 1988

DNR BM DUB 43, 2000

In Dubois County, Birdseye Quad., in the SW  $\frac{1}{4}$  of Section 36, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 0.8 mile south of Birdseye; about 1.35 miles south along State Road 145 from its intersection with State Road 64 in Birdseye to a "T" road to the east-southeast; set on top of the southeast wingwall of the "T" road concrete bridge over a ditch, 88.2 feet east of the centerline of State Road 145, 13.9 feet south of the centerline of the "T" road, 0.5 foot east of the streamward face of the east bridge abutment, 0.6 foot northeast of the angle in the wingwall, about flush with the concrete bridge deck; a Department of Natural Resources control station tablet, stamped "DUB 43 2000".

149.473 meters NGVD 1929	490.396 feet NGVD 1929
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DNR TBM AR 51, 2000

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 36, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 0.8 mile south of Birdseye; about 1.35 miles south along State Road 145 from its intersection with State Road 64 in Birdseye to a "T" road to the east-southeast; set on top of the northwest wingwall of the "T" road concrete bridge over a ditch, 65.3 feet east of the centerline of State Road 145, 13.5 feet north of the centerline of the bridge, 2.6 feet east of the northeast corner of the west most "I" beam for the north aluminum guardrail, 0.7 foot south of the north face of the concrete wingwall, 0.4 foot west of the east face of the wingwall, about level with the bridge deck; a chiseled triangle.

149.476 meters NGVD 1929

490.405 feet NGVD 1929

DOT BM V 381 DUB

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 36, T. 2 S., R. 3 W., 2<sup>nd</sup> P.M.; about 0.8 mile south of Birdseye; at the State Road 145 bridge over Waddle Branch; 16.5 feet west of the centerline of State Road 145, 5.1 feet north of the south face of the southwest abutment, 0.7 foot south of the north face of the abutment, 0.6 foot west of the west face of the concrete curb, 0.5 foot east of the west face of the abutment, about level with the road; a State Highway Commission of Indiana bench mark tablet, stamped "V 381 DUB 487".

148.644 meters NGVD 1929

487.675 feet NGVD 1929

DOT BM V 380 DUB

In Dubois County, Birdseye Quad, in the NW  $\frac{1}{4}$  of Section 1, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 1.3 miles south of Birdseye; at the State Road 145 bridge over the Anderson River; set on top of the southwest bridge abutment, 15.5 feet west of the centerline of State Road 145, 4.4 feet north of the south face of the southwest abutment, 0.9 foot south of the north face of the abutment, 0.6 foot west of the west face of the concrete curb, 0.6 foot east of the west face of the abutment, about 0.3 foot below the bridge deck; a State Highway Commission of Indiana bench mark tablet stamped "V 380 DUB 475.13".

144.874 meters NGVD 1929

475.306 feet NGVD 1929

DNR TBM AR 52, 2000

In Dubois County, Birdseye Quad, in the NW  $\frac{1}{4}$  of Section 12, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 2.0 miles south of Birdseye; at the State Road 145 concrete bridge over a tributary to the Anderson River; set on top of the concrete bridge deck near the southeast corner of the bridge, 14.1 feet east of the centerline of State Road 145, 1.1 feet north of the south end of the concrete bridge, 0.7 foot west of the southwest corner of the south most "I" beam for the east aluminum guardrail, about 0.6 foot below the top of the asphalt on State Road 145; a chiseled triangle.

144.657 meters NGVD 1929

474.597 feet NGVD 1929

DNR TBM AR 53, 2000

In Dubois County, Birdseye Quad, in the SW  $\frac{1}{4}$  of Section 12, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 2.6 miles south of Birdseye; at the State Road 145 bridge over a tributary to the Anderson River; set on top of the concrete bridge deck near the northwest corner, 14.5 feet west of the centerline of State Road 145, 6.5 feet south of the north end of the concrete bridge, 0.6 foot east of the east face of a aluminum "I" beam (2<sup>nd</sup> "I" beam south of the north end of the west aluminum guardrail), about 0.8 foot below the centerline of State Road 145; a chiseled triangle.

140.240 meters NGVD 1929

460.105 feet NGVD 1929

DNR TBM AR 54, 2000

In Dubois County, Birdseye Quad, in the NE  $\frac{1}{4}$  of Section 14, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 3.2 miles south of Birdseye; at the Taylor Hollow Road bridge over the Anderson river; set on top of the south end of the east most concrete pier of the bridge, centered on the top of the pier, 29.7 feet west of the southeast corner of the concrete bridge deck, 13 feet south of the centerline of the bridge, 0.3 foot south of the south face of the bridge, about 1.9 feet below the concrete bridge deck; a chiseled triangle.

138.697 meters NGVD 1929

455.042 feet NGVD 1929

DNR BM DUB 42, 2000

In Dubois County, Birdseye Quad, in the NE  $\frac{1}{4}$  of Section 14, T. 3 S., R. 3 W., 2<sup>nd</sup> P.M.; about 3.2 miles south of Birdseye; at the Taylor Hollow Road bridge over the Anderson river; set on top of the north end of the west most concrete pier of the bridge, 12.6 feet north of the centerline of the bridge, 29.9 feet east of the northwest corner of the concrete bridge deck, about 2.0 feet below the concrete bridge deck; a Indiana Department of Natural Resources control station tablet stamped, "DUB 42 2000".

138.605 meters NGVD 1929

454.739 feet NGVD 1929

USGS BM TT 92 DWP 1947

In Dubois County, Birdseye Quad, in the SE  $\frac{1}{4}$  of section 14, T.3 S., R.3 W., 2<sup>nd</sup> P.M.; about 3.7 miles south of Birdseye; about 0.6 mile south along State Road 145 from the Anderson Valley Church, to the State Road 145 twin cmp culverts over a tributary to the Anderson River; set in the top of a concrete post, 345 feet north of the centerline of the north most of the 2 cmp culverts under State Road 145, 28 feet southeast of the centerline of State Road 145, 270 feet north of the centerline of a gravel drive to the east, 64 feet northwest of a wooden fence end post, about 1 foot above State Road 145, 0.6 foot above the ground; a US Geological Survey bench mark tablet stamped "TT 92 DWP 461 IND 1947"

141.010 meters NGVD 1929

462.629 feet NGVD 1929

Note: The above elevation for TT 92 DWP has been adjusted and supercedes the 1964 published IFC&WRC elevation.

DNR TBM AND 1, 1996

In Dubois County, Bristow Quad, in the NW  $\frac{1}{4}$  of Section 23, T. 3 S., R. 3 W. 2<sup>nd</sup> P.M.; about 1.8 miles northwest Kitterman Corners; at the Perry and Dubois County Line Road bridge over the Anderson River; set on top of the northeast concrete bridge seat, 23.4 feet west of the centerline of State Road 145, 12.8 feet north of the centerline of the County Line Road, 2.2 feet west of the west face of the northeast concrete wingwall, 1.0 foot east of the west face of the bridge seat, 0.3 foot south of the north face of the concrete bridge seat, about 2.4 feet below the road; a chiseled triangle.

135.552 meters NGVD 1929

444.723 feet NGVD 1929

DOT BM V 922/19/464.77

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Section 15, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; approximately 2.0 miles north of Huntingburg; at the US 231/State Road 45 bridge over Hunley Creek; set in the top of the west concrete guardrail of the bridge, 19.7 feet north of the south end of the guardrail, 17.9 west of the centerline of the bridge, 3.0 feet north of the expansion joint in the concrete guardrail, 2.8 feet above the concrete bridge deck, 0.4 foot east of the west face of the guardrail, 0.4 foot west of the east face of the guardrail; a Indiana Department of Transportation bench mark tablet, stamped "V 922/19/464.77".

141.6677 meters NGVD 1929

464.788 feet NGVD 1929

DOT BM V 923/19/464.18

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Section 10, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; approximately 1.0 mile south of Jasper; at the US 231/State Road 45 bridge over the Patoka River; set in the top of the west concrete guardrail of the bridge, 20.7 feet north of the south end of concrete guardrail, 17.7 west of the centerline of the bridge, 3.0 feet north of the expansion joint in the concrete guardrail, 2.8 feet above the concrete bridge deck, 0.4 foot east of the west face of the guardrail, 0.4 foot west of the east face of the guardrail; a Indiana Department of Transportation bench mark tablet, stamped "V 923/19/464.18".

141.4661 meters NGVD 1929

464.127 feet NGVD 1929

DNR TBM DBR 9, 2000

In Dubois County, Huntingburg Quad., in the NW  $\frac{1}{4}$  of Section 22, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; approximately 1.5 miles north of Huntingburg; about 0.65 miles north along US 231/State Road 45 from its intersection with 400 South Road (22<sup>nd</sup> Street) to a private drive to the west; set in the west side of a angle power pole # 3310 – telephone pole # 176 with 5 guy wires, 230.0 feet south of the centerline of the private drive, 56.9 feet west of the centerline of US 231/State Road 45, 43.0 feet east of a north-south wire fence, 16.0 feet west of the northwest corner of a concrete gutter on the west side of the highway, 3.0 feet south of the extended north end of the concrete gutter, 3 feet above the level of the highway, 2.0 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM DBR 9 2000".

141.1551 meters NGVD 1929

479.510 feet NGVD 1929

DNR BM DUB 47, 2000

In Dubois County, Huntingburg Quad., in the NE ¼ of Section 11, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the new State Road 162 concrete arch culvert over a small tributary to the Patoka River; set in the top of the south concrete headwall of the culvert,   feet south of the centerline of the road, 16.0 feet northwest of the southeast end of the southeast concrete wingwall of the culvert, 14.4 feet northeast of the southwest end of the concrete headwall of the culvert, about 5 feet below the level of the road, 1.0 foot southwest of the northeast end of the concrete headwall, 0.6 foot southeast of the northwest face of the concrete headwall, 0.6 foot northwest of the southeast face of the concrete headwall; a Department of Natural Resources control station tablet, stamped "DUB 47 2000".

138.5620 meters NGVD 1929

454.599 feet NGVD 1929

DNR TBM DBR 7, 2000

In Dubois County, Huntingburg Quad., in the NE ¼ of Section 11, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the new State Road 162 concrete bridge over the Patoka River; set in the top of the northwest concrete bridge abutment, 24.7 feet north of the centerline of the bridge, 21.5 feet east of the west end of the concrete guardrail, 16.0 feet east of the west end of the concrete abutment, 2.8 feet below the top of the concrete guardrail of the bridge, 1.1 feet west of the east end of the concrete abutment, 0.6 foot north of the north face of the concrete guardrail, 0.5 foot south of the north face of the abutment, level with the concrete bridge deck; a "MAG" nail set in a drill hole.

142.2108 meters NGVD 1929

466.570 feet NGVD 1929

DOT BM (STATE ROAD 162)

In Dubois County, Huntingburg Quad., in the NE ¼ of Section 11, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the new State Road 162 concrete bridge over the Patoka River; set in the top of the south concrete guardrail of the bridge, 23.8 feet south of the centerline of the road, 16.3 feet east of the west end of the guardrail, 6.3 feet west of the east end of the southwest concrete abutment of the bridge, 2.8 above the concrete bridge deck, 0.6 foot west of the expansion joint of the bridge, 0.5 foot south of the north face of the concrete guardrail, 0.4 foot north of the south face of the guardrail; a Indiana Department of Transportation bench mark tablet, not stamped.

143.0500 meters NGVD 1929

469.323 feet NGVD 1929

DNR BM DUB 45, 2000

In Dubois County, Huntingburg Quad., in the NW ¼ of Section 12, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the new State Road 162 concrete bridge over the Patoka River; set in the top of the southeast concrete bridge abutment, 24.7 feet south of the centerline of the road, 15.8 feet east of the west end of the abutment, 6.7 feet west of the east end of the concrete guardrail of the bridge, 2.8 feet below the top of the concrete guardrail, 1.3 feet west of the east end of the abutment, 0.55 foot north of the south face of the concrete bridge abutment, level with the concrete bridge deck; a Department of Natural Resources control station tablet, stamped "DUB 45 2000".

141.6425 meters NGVD 1929

464.705 feet NGVD 1929

**DOT BM V 955/19**

In Dubois County, Huntingburg Quad., in the NW  $\frac{1}{4}$  of Section 12, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the new State Road 162 concrete bridge over the Patoka River; set in the top of the north concrete guardrail of the bridge, 24.0 feet north of the centerline of the road, 16.1 feet west of the east end of the concrete guardrail, 6.0 feet east of the west end of the northeast concrete abutment of the bridge, 2.8 feet above the top of the concrete bridge deck, 0.7 foot east of the expansion joint of the bridge; a Indiana Department of Transportation bench mark tablet, stamped "V 955/19".

143.1509 meters NGVD 1929

469.654 feet NGVD 1929

**DNR TBM DBR 8, 2000**

In Dubois County, Huntingburg Quad., in the SW  $\frac{1}{4}$  of Section 1, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the "T" road intersection of Newton Street and Hochgesang Street; set in the north concrete gutter of Hochgesang Street, 66.0 feet east of the centerline of Newton Street, 31.8 feet southeast of a metal road sign (Newton St/Hochgesang St) post, 18.0 feet north of the centerline of Newton Street, 12.0 feet southwest of the west end of a black plastic drain pipe on the north side of Hochgesang Street, 6.2 feet east of the west end of the concrete gutter, 0.75 foot south of the south face of the north concrete curb on Hochgesang Street; a "MAG" nail set in a drill hole inside a cut circle.

144.5761 meters NGVD 1929

474.330 feet NGVD 1929

**DNR TBM DBR 6, 2000**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Section 2, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the intersection of Newton Street and Church Street, at the gravel entrance road leading to a substation; set in the east side of a power pole, 84.0 feet north of the centerline centerline intersection of Newton Street and Church Street, 74.0 feet west of the centerline of Newton Street, 52.1 feet northwest of and across the gravel access road from a metal "STOP" sign post, 19.0 feet north of the centerline of the gravel access road, about 2 feet above the level of the gravel access road, 1.0 foot above ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM DBR 6 2000".

149.4595 meters NGVD 1929

490.352 feet NGVD 1929

**DNR TBM DILLON 1**

In Dubois County, Cuzco Quad., in the SE  $\frac{1}{4}$  of Section 34, T. 1 N., R. 3 W., 2<sup>nd</sup> PM.; approximately 0.3 mile south of Cuzco; at the Cuzco Road South bridge over Dillon Creek; set in the northeast wingwall of the bridge, 14 feet east of the centerline of the road, 0.5 foot below the road, 0.4 foot east of the west face of the wingwall, 0.3 foot south of the north face of the wingwall; a chiseled triangle.

**THIRD ORDER**

150.6258 meters NGVD 1929

494.178 feet NGVD 1929

**DNR TBM DILLON 2**

In Dubois County, Cuzco Quad., in the NE  $\frac{1}{4}$  of Section 34, T. 1 N., R. 3 W., 2<sup>nd</sup> PM.; approximately 0.1 mile east of Cuzco; at the Cuzco Road North bridge over a small tributary to Dillon Creek; set in the south side of a guy pole for a power pole, 22.5 feet south of the centerline of the road, 19 feet southwest of the southwest most "I" beam of the guardrail, 1.3 feet above the ground; a railroad spike.

THIRD ORDER

151.3923 meters NGVD 1929

496.693 feet NGVD 1929

**DNR TBM JOHN 2, 1994**

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Section 1, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; about 0.5 mile south along 50 West Road (Justin Street) from its intersection with old State Road 162 to Hochgesang Street, thence east along Hochgesang Street to the east end of Hochgesang Street and Jahns Creek; set in the north side of a power pole with 3 transformers, 30 feet north of the centerline of Hochgesang Street, 1.3 feet above the ground; railroad spike driven thru an aluminum tag, stamped "IDNR TBM JOHN 2 1994".

THIRD ORDER

140.5963 meters NGVD 1929

461.273 feet NGVD 1929

**DNR TBM JOHN 3, 1994**

In Dubois County, Huntingburg Quad., in the NE  $\frac{1}{4}$  of Section 1, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the intersection of old State Road 162 and Hopf Avenue; set in the north side of a power pole, 27.0 feet south of Hopf Avenue, 26.0 feet west of old State Road 162, 0.7 foot above the ground, railroad spike driven through an aluminum tag, stamped "IDNR TBM JOHN 3 1994".

SECOND ORDER

143.3132 meters NGVD 1929

470.187 feet NGVD 1929

**DNR TBM JOHN 4, 1994**

In Dubois County, Jasper Quad., in the NE  $\frac{1}{4}$  of Section 1, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; about 0.2 mile east along Church Road from its intersection with old State Road 162 to the east end of Church Road; set in power pole # 4HH/4, 12.0 feet south of the centerline of Church Road, railroad spike driven through an aluminum tag, stamped "IDNR TBM JOHN 4 1994".

THIRD ORDER

143.0408 meters NGVD 1929

469.293 feet NGVD 1929

DNR TBM JOHN 5, 1994

In Dubois County, Huntingburg Quad., in the NE  $\frac{1}{4}$  of Section 1, T. 2 S., R. 5 W., 2<sup>nd</sup> PM.; at Jasper; at the intersection of old State Road 162 and 25 West Road (Meridian Road), in the southeast  $\frac{1}{4}$  of the intersection; set in the northwest corner of the concrete base traffic signal light post, 53.5 feet south of the centerline of old State Road 162, 36.0 feet east of the centerline of 25 West Road (Meridian Road); a chiseled triangle.

SECOND ORDER

145.6737 meters NGVD 1929

477.931 feet NGVD 1929

DNR TBM SHORT 1, 1999

In Dubois County, Dale Quad., in the SE  $\frac{1}{4}$  of Section 17, T. 3 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.8 miles south of Huntingburg; at the intersection of 900 South Road and 400 West Road, at the 400 West Road concrete bridge over a tributary to Short Creek; set in the top of the southwest concrete wingwall of the bridge, 60.7 feet north of the centerline of 900 South Road, 17.0 feet west of the centerline of 400 West Road, about 1.5 feet below the level of 400 West Road, 0.6 foot southeast of the northwest face of the wingwall, 0.4 foot northeast of the southwest end of the wingwall; a chiseled triangle.

SECOND ORDER

144.7124 meters NAVD 1988

474.777 feet NAVD 1988

DNR TBM SHORT 2, 1999

In Dubois County, Huntingburg Quad., in the NW  $\frac{1}{4}$  of Section 16, T. 3 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.3 miles south of Huntingburg; at the 400 West Road concrete bridge over Short Creek; set in the top of the southeast concrete wingwall of the bridge, 12.0 feet east of the centerline of 400 West Road, 3.8 feet north of the first steel guardrail support post, 2.2 feet south of the second steel guardrail support post, 1.5 feet south of the north face of the wingwall, 0.8 foot east of the east edge of the bridge deck, 0.5 foot west of the east edge of the wingwall; a chiseled triangle.

SECOND ORDER

144.4506 meters NAVD 1988

473.918 feet NAVD 1988

DNR TBM SHORT 3, 1999

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Section 8, T. 3 S., R. 5 W., 2<sup>nd</sup> PM.; about 1.8 miles south of Huntingburg; at the 750 South Road culvert over a tributary to Short Creek; set in the top of the north concrete headwall of the culvert, 34.8 feet north of the centerline of 750 South Road, 14.0 feet west of the centerline of 400 West Road, 1.5 feet northwest of a metal "STOP" sign post, 0.5 foot south of the north end of the headwall, level with the centerline of 750 South Road; a chiseled triangle.

SECOND ORDER

147.1135 meters NAVD 1988

482.6549 feet NAVD 1988

DOT BM V 702/19

In Dubois County, Huntingburg Quad., in the SE  $\frac{1}{4}$  of Section 9, T. 3 S., R. 5 W., 2<sup>nd</sup> PM.; about 2.5 miles south of Huntingburg; at the U.S. 231 bridge over Short Creek; set in the top of the southwest corner of the concrete bridge deck, 22.5 feet west of the centerline of the road, 0.6 foot north of the south end of the bridge deck, 0.45 foot south of the south end of the metal base of a metal guardrail support post. 0.3 foot east of the west face of the concrete bridge deck, 0.1 foot north of the extended centerline of the expansion joint between the concrete bridge deck and the concrete bridge approach, level with the road; a Indiana Department of Highways bench mark tablet, stamped "V 702/19".

SECOND ORDER

142.5414 meters NAVD 1988

467.655 feet NAVD 1988