## Indiana Department of Natural Resources Division of Water

# **Starke County**

**Bench Mark Publication** 

## USC&GS BM Y 142, 1946

In La Porte County, LaCrosse Quad., in the SW ¼ of Section 33, T. 33 N., R. 4 W., 2nd PM.; about 3.5 miles south of La Crosse; at the intersection of U.S. 421 and the Erie Railroad; 70 yards north of the crossing of the Erie Railroad; set in the northwest quarter of the intersection with a dim side road west, 68 feet northeast and across the side road from the north end of the centerline of the side road, 32 feet west of and about 1 foot below the centerline of the highway, 2.5 feet north of a telephone pole, 2 feet south of a post, projecting 6 inches, a U.S. Coast & Geodetic Survey bronze tablet, stamped "Y 142 1946".

666,229 feet N.G.V.D. 1929

#### IFC&WRC TBM K 19

In Starke County, English Lake Quad., in the NE ¼ of Section 2, T. 32 N., R. 4 W., 2nd PM.; about 1.1 miles southwest of English Lake; at the Toto Road and 750 West Road "T" road intersection, in the southeast quarter of the intersection; set in a root on the north side of a 16-inch White Oak tree, 25 feet east of the centerline of 750 West Road, 18 feet south of the centerline of Toto Road, 0.5 foot above the ground; a railroad spike.

672.685 feet N.G.V.D. 1929

#### USC&GS BM S 142, 1946

In La Porte County, English Lake Quad., in the SE ¼ of Section 32, T. 34 N., R. 3 W., 2nd PM.; about 5.5 miles northeast of English Lake; at the 1800 South Road 32-foot steel bridge over the Hanna Arm of Tuesburg Ditch; about 100 yards southeast of a two-story house on the north side of 1800 South Road; set in the top of the northeast concrete wingwall, 18 feet north of the centerline of 1800 South Road, 25 feet west of the centerline of 400 West Road, 9.5 feet north-northeast of the east end of the steel railing, about level with the centerline of the intersection of 1800 South Road and 400 West Road; a U.S. Coast & Geodetic Survey bronze tablet, stamped "S 142 1946".

#### IFC&WRC TBM K 44-1

In Starke County, Knox West Quad., in the SE ¼ of Section 35, T. 34 N., R. 3 W., 2nd PM.; about 1.7 miles northwest of Brems; at the Starke-LaPorte County Line, at the Norfolk and Western Railroad bridge over the Kankakee River; set on top of the southwest end of the southeast pier, 3.0 feet below the bottom of the southwest girder, 2.8 feet southwest of the southwest girder; a chiseled square. 675.654 feet N.G.V.D. 1929

## USC&GS BM X 150, 1946

In Starke County, Kingsford Heights Quad., in the SW ¼ of Section 7, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south of Kingsford Heights; at the 50 East Road wooden-deck steel bridge over the Kankakee River; set in the top of the southwest concrete wingwall, 12 feet west of an level with the centerline of the road; a U.S. Coast & Geodetic Survey bronze tablet, stamped "X 150 1946".

#### **DESTROYED**

681.085 feet N.G.V.D. 1929

#### IFC&WRC TBM K 48-1

In Starke County, Kingsford Heights Quad., in the SW ¼ of Section 7, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south of Kingsford Heights; at the Starke-La Porte County Line, at the 50 East Road wooden-deck steel bridge over the Kankakee River; set on top of the southeast wingwall, 13 feet east of and level with the centerline of the roadway; a chiseled square. 681.205 feet N.G.V.D. 1929

## USC&GS BM Z 150, 1946

In La Porte County, Kingsford Heights Quad., in the NE ¼ of Section 6, T. 34 N., R. 2 W., 2nd PM.; about 2.5 miles south of Kingsford Heights; at the 1200 South Road steel bridge over Maurey-Salisbury Ditch; set in the top of the southeast bridge seat, 7 feet south of and about 1 foot lower than the centerline of the road; a U.S. Coast & Geodetic Survey bronze tablet, stamped "Z 150 1946". 683.391 feet N.G.V.D. 1929

## IFC&WRC TBM K 49-1

In Starke County, Kingsford Heights Quad., in the NE ¼ of Section 4, T. 34 N., R. 2 W., 2nd PM.; about 3.0 miles southeast of Kingsford Heights; at the Laporte-Starke County Line Road steel truss bridge over the Kankakee River; set on top of the southeast wingwall, 1.9 feet south of the east end of the south truss, about level with the bridge floor; a chiseled square.

#### **DESTROYED**

681.550 feet N.G.V.D. 1929

## IFC&WRC BM STA 7, 1950

In Starke County, Kingsford Heights Quad., in the NE ¼ of Section 4, T. 34 N., R. 2 W., 2nd PM.; about 3.0 miles southeast of Kingsford Heights; at the LaPorte-Starke County Line Road steel truss bridge over the Kankakee River; set in the top of the south end of the east abutment, 12 feet south of and 0.5 foot below the centerline of the roadway, 3.3 feet south of the southeast end post, 1.4 feet from the west face of the abutment; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 7 1950".

## **DESTROYED**

681.490 feet N.G.V.D. 1929

#### USC&GS BM X 142, 1946

In Starke County, LaCrosse Quad., in the SW ¼ of Section 4, T. 32 N., R. 4 W., 2nd PM.; about 4.6 miles south of LaCrosse; 0.3 mile south of the U.S. 421 bridge over the Kankakee River and the Starke-LaPorte County Line, at a 32-foot concrete bridge slanting from north-west to southeast over a drainage ditch, in the front of a brown imitation brick house that is on the west side of the highway; set in the top of the southwest wingwall, 13 feet west of and about 0.5 foot above the centerline of the highway, 1 foot west of the concrete bridge railing; a U.S. Coast & Geodetic Survey bronze tablet, stamped "X 142 1946".

668.654 feet N.G.V.D. 1929

## IFC&WRC BM STA 20, 1955

In Starke County, English Lake Quad., in the NW ¼ of Sec. 31, T. 33 N., R. 3 W.,2nd PM.; about 0.6 mile northeast of English Lake; along a road on top of the left spoil bank of the Kankakee River, about 4.83 miles downstream along a road on top of the left spoil bank river from the State Road 8 bridge over the Kankakee River, 4.6 miles downstream along a road on top of the right spoil bank of the Yellow River from the State Road 19 Bridge over the Yellow River, at Kankakee River mile 101.52, at Yellow River mile 0.7, at a 45-foot bridge over the spillway between the spawning grounds and the Yellow River; set in the top of the spillway, 8 feet south of the center line of the bridge, 2 feet south of the south edge of the bridge, 1.4 feet east of the west sheet piling retaining wall, 7 feet below the bridge floor; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 20 1955". 667.059 feet N.G.V.D. 1929 Destroyed (See STA 20 RESET)

## IFC&WRC TBM YR 1, 1955

In Starke County, English Lake Quad., in the NE ¼ of Section 31, T. 33 N., R. 3 W., 2nd PM.; about 1.0 mile northeast of English Lake; about 1.2 miles above the mouth of Yellow River, about 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee Game Preserve, thence about 4.1 miles southwestward along a road on the top of the levee along the north bank of the Yellow River; 0.5 mile east of IFC&WRC bench mark STA 20, 1955; set in the northwest side of a 12-inch Cottonwood tree, 12 feet south of the center of the levee, 0.9 foot above the ground; a railroad spike driven through a brass plate stamped "YR 1 1955". 676.430 feet N.G.V.D. 1929

## IFC&WRC TBM YR 2, 1955

In Starke County, English Lake Quad., about 1.5 miles northeast of English Lake; about 1.7 miles above the mouth of Yellow River, about 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee State Game Preserve, thence about 3.6 miles southwestward along a road on the top of the levee along the north bank of the Yellow River; set in the northwest side of a 36-inch Cottonwood tree, 24 feet southeast of the center of the levee, 0.2 foot above the ground; a railroad spike driven though a brass plate stamped "YR 2 1955". 671.341 feet N.G.V.D. 1929

## IFC&WRC TBM YR 3, 1955

In Starke County, English Lake Quad., about 1.9 miles northeast of English Lake; about 2.2 miles above the mouth of the Yellow River, about 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading west ward into the Kankakee State Game Preserve, thence about 3.1 miles southwestward along a road on the top of the levee along the north bank of the Yellow River; set in the north side of the north 7-inch trunk of a triple-trunked Willow tree, 12 feet southeast of the center of the levee, 1.2 feet above the ground; a railroad spike driven through a brass plate stamped "YR 3 1955".

677.217 feet N.G.V.D. 1929

## IFC&WRC TBM YR 4, 1955

In Starke County, English Lake Quad., about 2.5 miles northeast of English Lake; about 2.7 miles above the mouth of the Yellow River, about 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee River and a dirt road leading westward into the Kankakee State Game Preserve, thence 2.6 miles south-westward along a road on top of the levee along the north back of the Yellow River; set in the southeast side of a 12-inch Cottonwood tree, 9 feet southeast of the center of the levee, 1.2 feet above the ground; a railroad spike driven through a brass plate stamped "YR 4 1955".

678.956 feet N.G.V.D. 1929

## TBM YR 5, 1955

In Starke County, about 2.9 miles northeast of English Lake; about 3.2 miles above the mouth of the Yellow River, about 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee State Game Preserve, thence about 2.1 miles south-westward along a road on top of the levee along the north bank of the Yellow River; set in the northwest side of a 14-inch Birch tree, 14 feet southeast of the center of the levee, 1.2 feet above the ground, 1.0 foot below the top of the levee; a railroad spike driven through a brass plate stamped "YR 5 1955".

675.351 feet N.G.V.D. 1929

## IFC&WRC TBM YR 6, 1955

In Starke County, English Lake Quad., about 3.4 miles northeast of English Lake; about 3.7 miles above the mouth of the Yellow River, about 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee State Game Preserve, thence about 1.6 miles southwestward along a road on top of the levee along the north back of the Yellow River; set in the west side of a 24-inch Cottonwood tree, 10 feet southeast of the center of the levee, 0.2 foot above the ground, a railroad spike driven through a brass plate stamped "YR 6 1955". 679.369 feet N.G.V.D. 1929

## IFC&WRC TBM YR 7, 1955

In Starke County, English Lake Quad., in the NW ¼ of Section 22, T. 33 N., R. 3 W., 2nd PM.; about 3.8 miles northeast of English Lake; about 1.6 miles southwest of the intersection of State Roads 8 and 39, about 4.2 miles above the mouth of the Yellow River, reached by going 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee State Game Preserve, thence 1.1 miles southwestward along a road on top of the levee along the north bank of the Yellow River; set in the south side of an 18-inch elm tree, 14 feet northwest of the center of the levee, 0.2 foot above the ground; a railroad spike driven through a brass plate stamped "YR 7 1955".

676.628 feet N.G.V.D. 1929

## IFC&WRC TBM YR 8, 1955

In Starke County, Knox West Quad.; in the SW ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 6.0 miles west of Knox; 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee State Game Preserve, thence 0.7 mile southwestward along a road on top of the levee along the north bank of the Yellow River; set in the west side of a 30-inch cottonwood tree, 115 feet northeast of a corn crib, 19 feet southeast of the center of the levee, 0.4 foot above the ground; a railroad spike driven through a brass plate stamped "YR 8 1955". 672.696 feet N.G.V.D.'29

## IFC&WRC TBM YR 9, 1955

In Starke County, Knox West Quad.; in the SE ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 5.7 miles west of Knox; 0.7 mile south along State Road 39 from State Road 8 to the bridge over the Yellow River and a dirt road leading westward into the Kankakee State Game Preserve, thence 0.3 mile westward along a road on top of the levee along the north bank of the Yellow River; set in a root on the south side of a 12-inch Elm tree, 16 feet south of the center of the levee, 0.2 foot above the ground; a railroad spike driven through a brass plate stamped "YR 9 1955". 674.165 feet N.G.V.D. 1929

## ISHC BM L 100

In Starke County, Knox West Quad.; in the SE ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 5.5 miles west of Knox; at the State Road 39 concrete decked steel girder bridge over the Yellow River; 15 feet west of the centerline of State Road 39, 1.5 feet west of the concrete curb, 0.8 foot above the roadway, 0.6 foot from the northwest face of the southwest wingwall; a Indiana State Highway Commission bronze tablet, stamped "L 100". 687.069 feet N.G.V.D. 1929

## USC&GS BM E 142, 1946

In Starke County, Knox West Quad.; in the NE ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 5.5 miles west of Knox; at the intersection of State Road 8 and State Road 39; set in the top of a concrete post, about 168 feet west of the centerline of State Road 39, 26 feet south of the centerline of State Road 8, level with the roadway, projecting 1.4 feet above the ground; a U.S. Coast & Geodetic Survey bronze disk, stamped "E 142 1946".

## USC&GS BM F 142, 1946

In Starke County, Knox West Quad.; in the NE ¼ of Section 14, T. 33 N., R. 3 W., 2nd PM.; about 4.5 miles west of Knox; at the intersection of State Road 8 and 100 West Road, in the southwest quarter of the intersection; set in the top of a concrete post, 98 ft southwest and across the highway from the south end of a 12-foot wooden bridge on 100 West Road, 58 ft south of the centerline of the highway, 22 ft west of the centerline of 100 West Road, 7.5 ft east of a power pole at the T-junction of a power line running west off the north-south line, 1 foot southeast of a fence corner post, about 2 ft west of a white wooden witness post, 2 ft below the centerline of the highway, projecting 6 inches; a USC&GS bronze disk, stamped "F 142 1946".

676.262 ft N.G.V.D.'29

676.167 USC&GS published elevation

## IFC&WRC TBM YR 139, 1955

In Starke County, Knox West Quad.; in the NE ¼ of Section 14, T. 33 N., R. 3 W., 2<sup>nd</sup> PM.; about 4.5 miles west of Knox; about 0.4 mile south along 100 West Road (gravel) from its intersection with State Road 8, 0.3 mile north of the Yellow River; set in the east side of a power pole, 197 feet northwest of a white house, 19 feet west of the centerline of the road, 1 foot above the road; a railroad spike driven through a brass plate stamped "TBM YR 139 1955".

674.412 feet N.G.V.D. 1929

## IFC&WRC TBM Y 2-1

In Starke County, Knox West Quad.; in the SE ¼ of Section 14, T. 33 N., R. 3 W., 2nd PM.; about 4.5 miles west of Knox; at the 100 West Road 120-foot steel truss bridge over the Yellow River; set on top of the west end of the north abutment, 9 feet west of and 1.1 feet below the centerline of the roadway, 1.2 feet from the south edge of the abutment, 0.7 foot west of the northwest end post; a chiseled square. 678.340 feet N.G.V.D. 1929

## IFC&WRC BM STA 8, 1950

In Starke County, Knox West Quad.; in the SE ¼ of Section 14, T. 33 N., R. 3 W., 2nd PM.; about 4.5 miles west of Knox; at the 100 West Road 120-foot steel truss bridge over the Yellow River; set in the top of the west end of the south abutment, 8 feet west of and 0.5 foot below the centerline of the roadway, 1.1 feet from the north edge of the abutment, 1.0 foot west of the southwest end post; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 8 1950".

## DESTROYED see reset description

678.404 feet N.G.V.D. 1929

## USC&GS BM G 142, 1946

In Starke County, Knox West Quad.; in the SW ¼ of Section 7, T. 33 N., R. 2 W., 2nd PM.; about 3.5 miles northwest of Knox; at the intersection of State Road 8 and Range Road, in the northeast quarter of the intersection; set in the top of a concrete post, 44 feet north of the centerline of State Road 8, 25 feet east of the centerline of Range Road(gravel), 11 feet north of a pole and a fence corner post, about 1 foot below the roadway, projecting 6 inches above the ground; a U.S. Coast & Geodetic Survey bronze disk, stamped "G 142 1946".

677.177 feet N.G.V.D. 1929

#### IFC&WRC BM STA 9, 1950

In Starke County, Knox West Quad.; in the SE ¼ of Section 13, T. 33 N., R. 3 W., 2nd PM.; about 3.5 miles west of Knox; at the Range Road 120-ft steel truss bridge over the Yellow River; set in the top of the northwest wingwall, an IFC&WRC bench mark tablet, stamped "STA 9 1950". DESTROYED see reset description Original Elevation 685.769 ft N.G.V.D.'29

#### IFC&WRC TBM Y 3-1

In Starke County, Knox West Quad.; in the SE ¼ of Section 13, T. 33 N., R. 3 W., 2nd PM.; about 3.5 miles west of Knox; at the Range Road 120-foot steel truss bridge over the Yellow River; set on top of the northwest wingwall, 20 feet west of and level with the centerline of the roadway, 15 feet north of the northwest end post, 1.7 feet from the northwest end of the wingwall, along the southwest edge; a chiseled square.

684.582 feet N.G.V.D. 1929

## USC&GS BM H 142, 1946

In Starke County, Knox West Quad.; in the NE ¼ of Section 24, T. 33 N., R. 3 W., 2nd PM.; about 3.5 miles west of Knox; at the Range Road 4 foot concrete bridge over Prettyman Ditch; set in the top of the southwest concrete wingwall; 15 feet west of the centerline of the road, 12 feet northeast of a fence corner post, 1 foot northeast of the southwest end of the wingwall, level with the road; a U.S. Coast & Geodetic Survey bronze disk, stamped "H 142 1946".

## IFC&WRC TBM YR 101, 1955

In Starke County, Knox West Quad.; in the SW ¼ of Section 18, T. 33 N., R. 2 W., 2nd PM.; about 2.8 miles west of Knox; 2.2 miles south along Range Road from Brems to a 120-foot steel truss bridge over the Yellow River, thence 0.3 mile east along a dirt road along the south side of the levee along the south bank of the Yellow River to a tool shed, thence about 0.25 mile southeast along the south edge of a cultivated field and along the north edge of an old slough, at a point where the slough and woods jut out into the cultivated field; set in the north side of the 40-inch base of a multiple-trunked Maple tree; a railroad spike driven through a brass plate stamped "TBM YR 101 1955".

## IFC&WRC TBM YR 100, 1955

In Starke County, Knox West Quad.; in the SE ¼ of Section 18, T. 33 N., R. 2 W., 2nd PM.; about 2.6 miles west of Knox; about 0.8 mile east along Prettyman Ditch from the Range Road bridge over Prettyman Ditch; on the north bank of Prettyman Ditch that runs parallel to the Yellow River; set in the north side of an 18-inch Elm tree, 0.4 foot above the ground; a railroad spike driven through a brass plate stamped "TBM YR 100 1955". 680.890 feet N.G.V.D. 1929

## IFC&WRC BM STA 28, 1955

In Starke County, Knox West Quad.; in the NW ¼ of Section 20, T. 33 N., R. 2 W., 2nd PM.; about 2.1 miles west of Knox; 0.6 mile west along a farm road from its intersection with Division Road and 200 East Road, at a jog in the farm road; set in the top of a concrete post, 23 feet south of the westward extension running south, 1.4 feet north of an east-west fence, projecting 0.4 foot above the ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 28 1955". 683.981 feet N.G.V.D. 1929

## IFC&WRC TBM YR 140, 1955

In Starke County, Knox West Quad.; in the NW ¼ of Section 21, T. 33 N., R. 2 W., 2nd PM.; about 1.5 miles west of Knox; at the "T"-road intersection of Division Road and 200 East Road, in the southeast quarter of the intersection; set in the northwest side of a corner fence post; a railroad spike driven through a brass plate stamped "TBM YR 140 1955".

684.672 feet N.G.V.D. 1929

#### IFC&WRC TBM YR 141, 1955

In Starke County, Knox West Quad.; in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; about 0.7 mile west of Knox; at the "T"-road intersection of 250 East Road and Division Road; set in the south side of a 36-inch Oak tree, 15 feet east of the extended centerline of 250 East Road, 20 feet north of the centerline of Division Road, 0.3 foot above the ground; a railroad spike driven through a brass plate stamped "TBM YR 141 1955".

690.786 feet N.G.V.D. 1929

## IFC&WRC TBM YR 142, 1955

In Starke County, Knox West Quad.; in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; about 0.3 mile northwest of Knox; at the intersection of Division Road and 300 East Road, in the northwest quarter of the intersection; set in the north root of a 32-inch Maple tree, 12 feet west of the centerline of 300 East Road, 16 feet north of the centerline of Division Road, 8 feet northeast of power pole #260/460, 0.5 foot above the ground; a railroad spike driven through a brass plate stamped "TBM YR 142 1955".

695.708 feet N.G.V.D. 1929

## IFC&WRC TBM Y 4-1

In Starke County, Knox West Quad.; in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile northwest of Knox; at the Norfolk and Western 130-foot steel truss bridge over the Yellow River; set on a rivet head in the top of the southeast floor-beam angle brace, 4.2 feet southwest of and 0.5 foot below the southwest rail, 1.6 feet northwest of the southeast abutment; a chiseled cross. 695.571 feet N.G.V.D. 1929

## IFC&WRC BM STA 10, 1950

In Starke County, Knox West Quad.; in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile northwest of Knox; at the Norfolk and Western 130-foot steel truss bridge over the Yellow River; set in the top of the northeast end of the southeast bridge seat, 10 feet northeast of and 6.5 feet below the northeast rail, 3 feet northeast of the bridge seat; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 10 1950". 690.010 feet N.G.V.D. 1929

#### IFC&WRC TBM Y 5-1

In Starke County, Knox West Quad.; in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile northwest of Knox; at the 300 East Road 110-foot steel truss bridge over the Yellow River; set on top of the west end of a pier, 9 feet west of the centerline of the bridge, 1.0 foot below the roadway, 1.5 feet from the south edge of the steel pier cap plate; a chiseled square. 692.067 feet N.G.V.D. 1929

#### IFC&WRC TBM Y 5-2

In Starke County, Knox West Quad.; in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile northwest of Knox; at the 300 East Road 110-foot steel truss bridge over the Yellow River; set on the northwest bridge seat, 8 feet west of and 0.8 foot below the centerline of the roadway, 1.2 feet from the west edge of center and 0.8 foot from the north edge of the steel pier cap plate; a chiseled cross on a rivet head.

692.390 feet N.G.V.D. 1929

#### IFC&WRC TBM Y 6-5

In Starke County, Knox East Quad.; in the NE ¼ of Section 22, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the U.S. Highway 35 and State Road 8 120-foot steel truss bridge over the Yellow River; set on top of the southwest wingwall, 18 feet west of the centerline of the highway, 0.4 foot from the north-west edge of the wingwall, level with the roadway; a chiseled square. 700.486 feet N.G.V.D. 1929

## IFC&WRC BM STA 11, 1950

In Starke County, Knox East Quad.; in the NW ¼ of Section 23, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the U.S. Highway 35 and State Road 8 120-foot steel truss bridge over the Yellow River; set in the top of the southeast wingwall, 19 feet east of the centerline of the highway1.0 foot east of the south end of the east steel handrail, level with the roadway; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 11 1950".

700.572 feet N.G.V.D. 1929

#### USGS RM 1 KNOX

In Starke County, Knox East Quad.; in the NW ¼ of Section 23, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the U.S. Highway 35 and State Road 8 120-foot steel truss bridge over the Yellow River; set on top of the southeast end of and at streamward edge of the southeast wingwall; a chiseled square. 700.526 feet N.G.V.D. 1929

#### **USGS RM 2 KNOX**

In Starke County, Knox East Quad.; in the SW ¼ of Section 14, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the U.S. Highway 35 and State Road 8 120-foot steel truss bridge over the Yellow River; set on top of the northeast end of the northeast wingwall; a chiseled square. 700.515 feet N.G.V.D. 1929

#### USGS RM 3 KNOX

In Starke County, Knox East Quad.; in the NW ¼ of Section 23, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the U.S. Highway 35 and State Road 8 120-foot steel truss bridge over the Yellow River; set on the southeast end post of the bridge, on the head of the eighteenth rivet from the bottom of the east row of rivets; a chiseled cross.

704.161 feet N.G.V.D. 1929

## USC&GS BM B 24, 1934

In Starke County, Knox West Quad.; in the NE ¼ of Section 22, T. 33 N., R. 2 W., 2nd PM.; at Knox; on the Conrail Railroad, 12 rails northeast of the crossing of the Norfolk and Western Railroad, at the first street crossing northeast of the (old)New York Central Station; set in the top of a concrete post, 69 feet southwest of the centerline of the street, 26.3 feet northwest of the northwest rail of the main track, 39.5 feet southeast of the southeast rail of a spur track leading to a grain elevator, 4 feet south of a pole, projecting 4 inches above the ground; a U.S. Coast & Geodetic Survey bronze disk, B 24 1934". 701.534 feet N.G.V.D. 1929

## USC&GS BM C 24, 1934

In Starke County, Knox West Quad.; in the NE ¼ of Section 22, T. 33 N., R. 2 W., 2nd PM.; at Knox; on the Conrail Railroad, in the south quarter of the crossing of the Norfolk and Western Railroad; set in the top of a concrete post, 109 feet southwest and across the Norfolk & Western tracks from the southwest corner of the (old) New York Central station, 37.6 feet southeast of the southeast rail of the Conrail track, 25.3 feet southwest of the southwest rail of the east-bound track of the Norfolk & Western railroad, about 0.5 foot lower than the track, projecting 6 inches above the ground; a U.S. Coast & Geodetic Survey bronze disk, stamped "C 24 1934".

701.957 feet N.G.V.D. 1929

#### USC&GS BM D 133, 1946

In Starke County, Knox East Quad.; in the NE ¼ of Section 22, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the intersection of U.S. 35 and the Norfolk and Western Railroad; set in the top of a concrete post, 158 feet northeast of the northeast corner of the (old) New York, Chicago and St. Louis Railroad station, 43 feet west of the centerline of U.S. Highway 35, 36 feet south of the centerline of a gravel street, 15 feet north of the north rail of the west-bound track, 5 feet west of a pole, level with the tracks, projecting 4 inches above the ground; a U.S. Coast & Geodetic Survey bronze disk, stamped "D 133 1946". 709.454 feet N.G.V.D. 1929

## IFC&WRC TBM Y 7-1

In Starke County, Knox East Quad.; in the SW ¼ of Section 14, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the Penn Central Railroad 70-foot thru girder bridge over the Yellow River, set on the southwest end of the northwest (downstream) girder,, 6.5 feet northwest of the northwest rail, 3.7 feet above the rail; a chiseled cross on a rivet head.

704.047 feet N.G.V.D. 1929

#### IFC&WRC TBM YR 146

In Starke County, Knox East Quad.; in the SW ¼ of Section 14, T. 33 N., R. 2 W., 2nd PM.; at Knox; at the Penn Central Railroad 70-foot thru girder bridge over the Yellow River, set on the southwest floor beam, directly over the first pier from the southwest end of the bridge, 2.4 feet northwest of the southeast rail, about level with the base of the track; a chiseled cross on a rivet head. 699.728 feet N.G.V.D. 1929

## IFC&WRC TBM YR 145, 1955

In Starke County, Knox East Quad.; in the SW ¼ of Section 14, T. 33 N., R. 2 W., 2nd PM.; about 0.3 mile northeast of Knox; at the crossing of 25 North Road the Penn Central Railroad, in the southeast quarter of the crossing; set in the north side of power pole #UTC 4, 36 feet south of the centerline of the road, 55 feet southeast of the southeast rail, about 2.5 feet below the blacktop roadway; a railroad spike driven through a brass plate stamped TBM YR 145 1955". 696.267 feet N.G.V.D. 1929

## IFC&WRC TBM YR 147, 1955

In Starke County, Knox East Quad.; in the SW ¼ of Section 12, T. 33 N., R. 2 W., 2nd PM.; about 0.7 mile northeast of Knox; at the intersection of 500 East Road and 25 North Road, in the northeast quarter of the intersection; set in the south side of an 18-inch Pignut tree, 30 feet east of the centerline of 500 East Road(gravel), 25 feet north of the centerline of 25 North Road, level with the road; a railroad spike driven through a brass plate stamped "TBM YR 147 1955".

## IFC&WRC TBM YR 10

In Starke County, Knox East Quad.; in the SW ¼ of Section 13, T. 33 N., R. 2 W., 2nd PM.; about 0.9 mile northeast of Knox; at the 25 North Road 48-foot pony truss bridge over Eagle Creek (west most of two pony truss bridges); set in the top of the east face of the abutment, 8.5 feet north of the centerline of the road; a chiseled square.

699.161 feet N.G.V.D. 1929

## IFC&WRC BM STA 25, 1955

In Starke County, Knox East Quad.; in the SE ¼ of Section 13, T. 33 N., R. 2 W., 2nd PM.; about 1.0 mile northeast of Knox; at the 25 North Road 53-foot pony truss bridge over Eagle Creek(east most of two pony truss bridges),; set on the north end of the west abutment, 8.5 feet north of the centerline of the road, 0.7 foot west of the east face of the abutment, 1.2 feet below the roadway; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 25 1955". 699.605 feet N.G.V.D. 1929

## IFC&WRC TBM Y 8-1

In Starke County, Knox East Quad.; in the NW ¼ of Section 24, T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile northeast of Knox; at the 500 East Road 120-foot steel truss bridge over the Yellow River; set on the top of the southeast wingwall, 8 feet east of the centerline of the bridge, 1.2 feet from the streamward edge of the wingwall, 0.6 foot east of the south end post, 0.2 foot below the roadway; a chiseled square. 698,777 feet N.G.V.D. 1929

## IFC&WRC BM STA 12, 1950

In Starke County, Knox East Quad.; in the NW ¼ of Section 24, T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile northeast of Knox; at the 500 East Road 120-foot steel truss bridge over the Yellow River; set in the top of the east end of the north abutment, 12 feet east of the centerline of the bridge, 4 feet east of the north end of the east steel guardrail, 0.8 foot north of the south edge of the abutment, level with the roadway; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 12 1950".

699.233 feet N.G.V.D. 1929

## IFC&WRC TBM YR 148, 1955

In Starke County, Knox East Quad.; in the NE ¼ of Section 23, T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile east of Knox; 0.5 mile north along 500 East Road from its intersection with State Road 8, thence 0.1 mile west, thence 0.1 mile north to a T-road west, in the southwest quarter of the junction; set in the east side of power pole #260/751, 90 feet south of the centerline of the road leading west, 12 feet west of the centerline of the north-south road, about 1.0 foot above the roadway; a railroad spike driven through a brass plate stamped "TBM YR 148 1955". 704.784 feet N.G.V.D. 1929

## IFC&WRC TBM YR 149, 1955

In Starke County, Knox East Quad.; in the SW ¼ of Section 24, T. 33 N., R. 2 W., 2nd PM.; about 0.7 miles east of Knox; at the crossing of 500 East Road and the Norfolk and Western Railroad, in the northeast quarter of the intersection; set in the west side of a 12-inch Oak tree, 130 feet north of the tracks, 12 feet east of the centerline of the gravel road, 1.0 foot above the roadway; a railroad spike driven through a brass plate stamped "TBM YR 149 1955". 711.651 feet N.G.V.D. 1929

## IFC&WRC TBM YR 151, 1955

In Starke County, Knox East Quad.; in the SW ¼ of Section 24, T. 33 N., R. 2 W., 2nd PM.; about 1.2 miles east of Knox; at the "T"-road intersection of State Road 8 and 550 East Road; set in the south side of power pole #262/035, 14 feet north of the centerline of State Road 8, 14 feet west of the extended centerline of 550 East Road, 0.3 foot above the road; a railroad spike driven through a brass plate stamped "TBM YR 151 1955".

713.985 feet N.G.V.D. 1929

## IFC&WRC TBM YR 152, 1955

In Starke County, Knox East Quad.; in the SE ¼ of Section 19, T. 33 N., R. 1 W., 2nd PM.; about 1.7 miles east of Knox; at the "T"-road intersection of State Road 8 and 600 East Road; set in the south side of power pole #285/499, 34 feet east of the extended centerline of 600 East Road, 18 feet north of State Road 8, about 2.5 feet lower than the highway; a railroad spike driven through a brass plate stamped "TBM 152 1955".

703.032 feet N.G.V.D. 1929

## IFC&WRC TBM YR 153, 1955

In Starke County, Knox East Quad.; in the SE ¼ of Section 19, T. 33 N., R. 1 W., 2nd PM.; about 2.2 miles east of Knox; about 2.5 miles east along State Road 8 from its junction with U.S. Highway 35, to a drive to the north; set in the south side of power pole #262/073, 90 feet west of the centerline of the farm drive, 18 feet north of the centerline of State Road 8, about 2 feet below the highway; a railroad spike driven through a brass plate stamped "TBM YR 153 1955".

## IFC&WRC TBM YR 154, 1955

In Starke County, Knox East Quad., about 2.5 miles east along State Road 8 from its junction with U.S. Highway 35 at Knox to a gravel road crossing(??700 East Road??), in the southeast quarter of the intersection; set in the north side of power pole #285/493, 50 feet east of the centerline of the gravel road, 15 feet south of the centerline of State Road 8 1., 0 foot below the roadway; a railroad spike driven through a brass plate stamped "TBM YR 154 1955". 706.347 feet N.G.V.D. 1929

## IFC&WRC BM STA 13, 1950

In Starke County, Knox East Quad., in the SE ¼ of Section 19, T. 33 N., R. 1 W., 2nd PM.; about 2.1 miles northwest of Ober; at the 700 East Road 110-foot steel truss bridge over the Yellow River; set in the top of the west end of the south abutment, 9 feet west of the centerline of the road, 1.5 feet west of the south end of the west steel guardrail, 1.3 feet below the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 13 1950".

## 708.238 feet N.G.V.D. 1929 IFC&WRC TBM Y 9-1

In Starke County, Knox East Quad., in the SE ¼ of Section 19, T. 33 N., R. 1 W., 2nd PM.; about 2.1 miles northwest of Ober; at the 700 East Road 110-foot steel truss bridge over the Yellow River; set on the top of the southwest wingwall, 15 feet west of the centerline of the roadway, 0.5 foot from the southwest end and 0.6 foot from the streamward edge of the wingwall, 1.0 foot below the roadway; a chiseled square.

708.161 feet N.G.V.D. 1929

## IFC&WRC TBM YR 105, 1955

In Starke County, Knox East Quad., in the NW ¼ of Section 20, T. 33 N., R. 1 W., 2nd PM.; about 2.5 miles northwest of Ober; about 0.1 mile north along 700 East Road from its intersection with 50 South Road; set in the east side of a power pole, about 18 feet west of the centerline of the blacktop road, 2 feet west of a fence, 1.0 foot above the ground; a railroad spike driven through a brass tag, stamped "TBM R 105 1955".

716.537 feet N.G.V.D. 1929

## IFC&WRC TBM YR 11

In Starke County, Knox East Quad., in the SW ¼ of Section 17, T. 33 N., R. 1 W., 2nd PM.; about 3.0 miles northwest of Ober; at the 700 East Road bridge over Eagle Creek; set in the southwest side of a 12-inch Maple tree, 200 feet south of the south end of the bridge, 22 feet east of the centerline of the blacktop road, at a fence line, 2 feet north of a tree to which the fence is attached, 0.6 foot above the ground; a railroad spike.

708.449 feet N.G.V.D. 1929

## IFC&WRC BM STA 14, 1950

In Starke County, Knox East Quad., in the NE ¼ of Section 29, T. 33 N., R. 1 W., 2nd PM.; about 1.5 miles northwest of Ober; at the State Road 8 130-foot steel truss bridge over the Yellow River; set in the top of the southeast wingwall, 9 feet south of the centerline of the roadway, 2.2 feet east of the east end post, 1 foot from the south end of the wingwall, 0.8 foot below the roadway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 14 1950".

**DESTROYED** 

712.151 feet N.G.V.D. 1929

## IFC&WRC TBM YR 104, 1955

In Starke County, Knox East Quad., in the NW ¼ of Section 29, T. 33 N., R. 1 W., 2nd PM.; about 2.0 miles northwest of Ober; at the intersection of 700 East Road and the Norfolk and Western Railroad; set in the west side of power pole #280/054, 17 feet east of the centerline of the road, 49 feet south of the south rail of the Norfolk and Western Railroad, 1.5 feet below the blacktop roadway; a railroad spike driven through a brass plate stamped "TBM YR 104 1955".

710.606 feet N.G.V.D. 1929

## IFC&WRC TBM YR 103, 1955

In Starke County, Knox East Quad., in the SW ¼ of Section 29, T. 33 N., R. 1 W., 2nd PM.; about 1.6 miles northwest of Ober; at the intersection of 150 South Road and the Norfolk and Western Railroad; set in the south side of a 22-inch Boxelder tree, 270 feet east of the crossing, 12 feet north of the centerline of 150 South Road, 0.5 foot above the ground, a railroad spike driven through a brass plate stamped "TBM YT 103 1955".

716.151 feet N.G.V.D. 1929

## IFC&WRC BM STA 26, 1955

In Starke County, Knox East Quad., in the SE ¼ of Section 29, T. 33 N., R. 1 W., 2nd PM.; about 1.0 mile northwest of Ober; at the "T" road intersection of 800 East Road and 150 South Road, in the southwest quarter of the junction; set in the top of a concrete post, 34 feet west of the centerline of the 800 East Road, 26 feet south of the centerline of 150 South Road, 5 feet west of a utility pole, 3 feet north of a fence line, projecting 0.4 foot above the ground; a Indiana Flood Control and Water Resources Control and Water Resources Commission bronze bench mark tablet, stamped "STA 26 1955".

712.009 feet N.G.V.D. 1929

#### IFC&WRC TBM YR 102, 1955

In Starke County, Knox East Quad., in the SE ¼ of Section 28, T. 33 N., R. 1 W., 2nd PM.; about 0.5 mile northwest of Ober; about 0.4 mile west along 150 South Road from its intersection with State Road 23 to a "S" curve in the road, at the west end of the curve; set in the north side of power pole #284/040, about 125 feet east of a white barn on the south side of the road, 10 feet south of the centerline of the road, 1 foot above the ground; a railroad spike driven through a brass plate stamped "TBM YR 102 1955".

722.120 feet N.G.V.D. 1929

## USC&GS BM R 133, 1946

In Starke County, Knox East Quad., in the NE ¼ of Section 28, T. 33 N., R. 1 W., 2nd PM.; about 0.7 mile north of Ober; at the 100-foot State Road 23 (Bailey) Bridge over the Yellow River; set in the top of the southwest wingwall, 11 feet west of the centerline of the highway, 1.5 feet northeast of the southwest end of the wingwall, 1.5 feet below the bridge floor; a U.S. Coast & Geodetic Survey bronze disk, stamped "R 133 1946".

719.972 feet N.G.V.D. 1929

## USC&GS BM S 133, 1946

In Starke County, Knox East Quad., in the NW ¼ of Section 34, T. 33 N., R. 1 W., 2nd PM.; at Ober; at the crossing of the Norfolk and Western Railroad; set in the top of a concrete post, 48 feet south of the south rail, 32 feet east of the centerline of the road, 35 feet northwest of the northwest corner of a concrete block store building, 14 feet northwest of a 36-inch maple tree, about level with the crossing, projecting 6 inches above the ground; a U.S. Coast & Geodetic Survey bronze disk, stamped "S 133 1946".

732.187 feet N.G.V.D. 1929

## IFC&WRC TBM YR 106, 1955

In Starke County, Knox East Quad., in the SW ¼ of Section 27, T. 33 N., R. 1 W., 2nd PM.; about 0.4 mile east of Ober; about 0.4 mile east along 200 South Road from its intersection with State Road 23; set in the south side of a 30-inch red oak tree, 90 feet east of the southeast corner of a two-room house covered with yellow imitation brick siding, 18 feet north of the centerline of the road, 1 foot above the ground; a railroad spike driven through a brass plate stamped "TBM YR 106 1955". 723.591 feet N.G.V.D. 1929

## IFC&WRC BM STA 27, 1955

In Starke County, Knox East Quad., in the SE ¼ of Section 27, T. 33 N., R. 1 W., 2nd PM.; about 1.0 mile east of Ober; about 0.15 mile north along 1000 East Road from its intersection with 200 South Road, to its end at a field entrance eastward; set in the top of a concrete post, 10 feet west of the centerline of the field entrance, 30 feet west of the centerline of a 30-inch pipe culvert under the field entrance, projecting 0.6 foot above the ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 27 1955".

#### IFC&WRC TBM YR 155, 1955

In Starke County, Knox East Quad., in the NE ¼ of Section 34, T. 33 N., R. 1 W., 2nd PM.; about 1.0 mile east of Ober; at the "T"-road intersection of 225 South Road and 1000 East Road, in the southwest quarter of the junction; set in the west side of a power pole, 25 feet west of the centerline of 1000 East Road, 20 feet south of the centerline of 225 South Road, about 2 feet below the road; a railroad spike driven through a brass plate stamped "TBM YR 155 1955". 722.324 feet N.G.V.D. 1929

## IFC&WRC TBM YR 157, 1955

In Starke County, Donaldson Quad., in the SE ¼ of Section 35, T. 33 N., R. 1 W., 2nd PM.; about 4.0 miles northwest of Burr Oak; at the intersection of 250 South Road and the Norfolk and Western Railroad; set in the south side of a power pole, 12 feet south of the centerline of 250 South Road, 30 feet northeast of the northeast rail of the railroad, about level with the road; a railroad spike driven through a brass plate stamped "TBM YR 157 1955".

734.913 feet N.G.V.D. 1929

## IFC&WRC TBM YR 158, 1955

In Starke County, Donaldson Quad., in the NE ¼ of Section 35, T. 33 N., R. 1 W., 2nd PM.; about 3.6 miles northwest of Burr Oak; at the "T" road intersection of 1100 East Road and 250 South Road; set in the north side of a power pole, 90 feet west of the centerline of 1100 East Road, 15 feet north of the centerline of 250 South Road, 0.5 foot above the roadway; a railroad spike driven through a brass plate stamped "TBM YR 158 1955".

738.038 feet N.G.V.D. 1929

## IFC&WRC BM STA 15, 1950

In Starke County, Donaldson Quad., in the NE ¼ of Section 35, T. 33 N., R. 1 W., 2nd PM.; about 3.6 miles northwest of Burr Oak; at the 1100 East Road 110-foot steel truss bridge over the Yellow River, 1.0 mile west of the Starke-Marshall county line; 9 feet west of the centerline of the roadway, 2.5 feet west of the south end of the west steel handrail in the top of the west end of the south abutment, 1.3 feet from the north edge of the south abutment, level with the roadway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped STA 15 1950".

## IFC&WRC TBM Y 12-2

In Starke County, Donaldson Quad., in the NE ¼ of Section 35, T. 33 N., R. 1 W., 2nd PM.; about 3.6 miles northwest of Burr Oak; at the 1100 East Road 110-foot steel truss bridge over the Yellow River, 1.0 mile west of the Starke-Marshall county line, set on the southwest bridge seat, 3.5 feet below the wingwall; a chiseled square.

726.702 feet N.G.V.D. 1929

## IFC&WRC TBM YR 159, 1955

In Starke County, Donaldson Quad., in the NW ¼ of Section 36, T. 33 N., R. 1 W., 2nd PM.; about 3.1 miles northwest of Burr Oak; 0.5 mile west of the Starke-Marshall county line; at the "T" road intersection of 250 South Road and 1150 East Road; set in the south side of a power pole, 150 feet west of the extended centerline of 250 South Road, 15.0 feet north of the centerline of 250 South Road, 0.7 foot above the roadway; a railroad spike driven through a brass plate stamped "TBM YR 159 1955". 740.925 feet N.G.V.D. 1929

## IFC&WRC TBM KK 71, 1955

In Jasper County, San Pierre Quad., in the SE ¼ of Sec. 12, T. 32 N., R. 5 W., 2nd PM.; about 2.8 miles northwest of San Pierre; along the left bank of the Kankakee River, about 0.2 mile downstream from the Jasper-Starke County line, at river mile 94.38, 2.1 miles upstream from the Dunns Bridge over the Kankakee River; set in the downstream-streamward side of a 14-inch blazed maple tree, 75 feet upstream from the mouth of a drainage ditch which flows into the river from the southeast, 25 feet landward from the center line of the levee, 1.5 feet above ground; a railroad spike driven through a brass plate, stamped "TBM KK 71 1955". 662.739 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 72, 1955

In Starke County, San Pierre Quad., in the NW ¼ of Sec. 7, T. 32 N., R. 4 W., 2nd PM.; about 3.0 miles northwest of San Pierre; about 0.3 mile upstream from the Jasper-Starke County line, along the left bank of the Kankakee River, at river mile 95.02, 2.74 miles upstream from the Dunns Bridge over the Kankakee River at Dunns Bridge, Jasper County, at a point along the left bank where an old slough drains into the main channel from the southeast; set in the landward side of a 14-inch red oak tree, about 120 feet downstream from the mouth of the slough, about 25 feet downstream from the center line of a newly built section of levee on the southwest side of the slough, 30 feet landward from the center line of the spoil bank along the river, 0.8-foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 72 1955".

664.371 feet N.G.V.D. 1929

#### IFC&WRC TBM K 14

In Starke County, LaCrosse Quad., in the NE ¼ of Sec. 5, T. 32 N., R. 4 W.,2nd PM.; about 0.7 mile south of Wilders; at the Monon Railroad 120-foot timber pile bridge over the Kankakee River, 0.2 mile downstream from the U.S. 421 Highway Bridge over the Kankakee River; set in the south side of a 40-inch maple tree, 30 feet east and 18 feet south of the southeast end of the bridge, 2 feet above the ground; a railroad spike.

#### DESTROYED

666,901 feet N.G.V.D. 1929

## IFC&WRC BM STA 1, 1950

In Starke County, LaCrosse Quad., in the NW ¼ of Sec. 4, T. 32 N., R. 4 W.,2nd PM.; about 0.7 mile south of Wilders; at the U.S. 421 two-span steel truss highway bridge over the Kankakee River; set in the top of the north end of the west concrete guardrail at the south end of the bridge, 13 feet west of and 3.3 feet above the center line of the highway, 2.2 feet south of the southwest bridge seat; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 1 1950". 673.995 feet N.G.V.D. 1929

## IFC&WRC TBM K 36-1

In Starke County, LaCrosse Quad., in the NW ¼ of Sec. 4, T. 32 N., R. 4 W.,2nd PM.; about 0.7 mile south of Wilders; at the U.S. 421 two-span steel truss bridge over the Kankakee River; set at the southwest corner of the southwest bridge truss, 1.3 feet west of the south end of the west concrete curb, on the bridge floor, 0.9-foot below the curb, 0.4-foot north of the north end of the southwest wingwall; a chiseled cross on a rivet head.

670.402 feet N.G.V.D. 1929

## IFC&WRC TBM K 37-1

In Starke County, LaCrosse Quad., in the SE ¼ of Sec. 33, T. 33 N., R. 4 W.,2nd PM.; about 1.0 mile southeast of Wilders; at the Erie Railroad bridge over the Kankakee River at Lomax; set in the top of the upstream end of the midstream pier cap, 4 feet upstream from and 5 feet below the top of the upstream rail; a chiseled square.

667.387 feet N.G.V.D. 1929

## IFC&WRC BM STA 2, 1950

In Stake County, LaCrosse Quad., in the SE ¼ of Sec. 33, T. 33 N., R. 4 W.,2nd PM.; about 1.0 mile southeast of Wilders; at the Erie Railroad bridge over the Kankakee River at Lomax; set in the top of the upstream end of the Midstream pier cap, 9.6 feet northeast of and 5 feet below the top of the northeast rail, even with the southeast end of 6 foot plate girder section, a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 2 1950".

## IFC&WRC TBM KK 75, 1955

In Starke County, English Lake Quad., in the SW ¼ of Sec. 34, T. 33 N., R. 4 W.,2nd PM.; about 0.5 mile northeast of Lomax; along the left back of the Kankakee River, at river mile 98.57, 0.6 mile upstream from the Erie Railroad Bridge over the Kankakee River at Lomax; set in the landward side of the 48-inch base of a 5-pronged maple tree, 240 feet downstream from the junction of a north-south fence line with the left bank of the river, 0.2 mile upstream from a bend in the river to the left (looking downstream), at the edge of a cultivated field, 20 feet landward from the center line of the levee; a railroad spike driven through a brass plate, stamped "TBM KK 75 1955".

## IFC&WRC TBM KK 76, 1955

In Starke County, English Lake Quad., in the SW ¼ of Sec. 34, T. 33 N., R. 4 W.,2nd PM.; about 2.0 miles west of English Lake; along the left bank of the Kankakee River, at river mile 98.87, 0.9 mile upstream from the Erie Railroad Bridge over the Kankakee River at Lomax, about 0.7 mile east along an east-west road from the bend in the road at Lomax to a cross-roads with a dirt lane leading north, thence 0.4 mile north to the river bank, at the site of an abandoned bridge where only 3 pile bents remain; set in the streamward side of a 10-inch birch tree, 40 feet upstream from the center line of the dirt road, 60 feet landward from the left end of the abandoned bridge, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 76 1955".

## IFC&WRC TBM KK 77, 1955

In Starke County, English Lake Quad., in the NW ¼ of Sec. 35, T. 33 N., R. 4 W.,2nd PM.; about 1.1 mile west of English Lake; along the left bank of the Kankakee River, at river mile 99.52, about 1.55 miles upstream from the Erie Railroad Bridge over the Kankakee River at Lomax; set in the downstream side of an 8-inch Black Walnut tree with the bark stripped from the streamward side, 450 feet streamward from a group of farm buildings with yellow imitation brick siding, 50 feet downstream from a 9-inch white painted cottonwood tree on the left levee, 40 feet landward from the center line of the left levee, 0.8-foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 77 1955".

667.781 feet N.G.V.D. 1929

## IFC&WRC TBM KK 78, 1955

In Starke County, English Lake Quad., in the NW ¼ of Sec. 35, T. 33 N., R. 4 W.,2nd PM.; about 0.8 mile west of English Lake; along the left bank of the Kankakee River, at river mile 99.72, about 1.75 mile upstream from the Erie Railroad bridge over the Kankakee River at Lomax, about 0.2 mile upstream from a group of farm buildings with yellow imitation brick siding situated near the left bank of the river in the southwest quarter of Sec. 35, at a small break in the left levee and at the center line of the levee; set in the downstream side of a 16-inch elm tree in a clump of elm trees, 1.5 feet above ground; a railroad spike driven through a brass plate, stamped "TBM KK 78, 1955".

## IFC&WRC TBM KK 79, 1955

In Starke County, English Lake Quad., in the NE ¼ of Sec. 35, T. 33 N., R. 4 W.,2nd PM.; about 0.6 mile northwest of English Lake; along the left bank of the Kankakee River, at river mile 100.32, about 0.4 mile downstream from the Chesapeake and Ohio and the Pennsylvania Railroad Bridges over the Kankakee River at English Lake, at the edge of a cultivated field; set in the landward side of a 14-inch red oak tree, 100 feet downstream from a fence line leading south from a swamp on the south side of the river, 300 feet landward from the center line of the left levee, 10 feet downstream from a three-pronged birch tree, 1.0 foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 79 1955".

670.038 feet N.G.V.D. 1929

## IFC&WRC TBM K 38-1

In Starke County, English Lake Quad., in the NW ¼ of Sec. 36, T. 33 N., R. 4 W.,2nd PM.; about 0.2 mile northwest of English Lake, at the Pennsylvania Railroad 200-foot steel girder bridge over the Kankakee River, on top of the northeast corner of the east wingwall at the southeast end of the bridge, 15 feet below the top of the northeast rail; a chiseled square. 667.606 feet N.G.V.D. 1929

## IFC&WRC BM STA 3, 1950

In Starke County, English Lake Quad., in the NW ¼ of Sec. 36, T. 33 N., R. 4 W., 2<sup>nd</sup> PM.; about 0.2 mile northwest of English Lake; at the Pennsylvania Railroad 200-foot steel girder bridge over the Kankakee River; set in the top of the east wingwall at the southeast end of the bridge, 30 feet northeast of and 15- feet below the northeast rail, 1.2 feet from the east end of the wingwall, 3.5 feet above the ground, from the east end of the wingwall, 3.5 feet above the ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 3 1950".

667.640 feet N.G.V.D. 1929

#### IFC&WRC BM STA 4, 1950

In Starke County, English Lake Quad., in the NE ¼ of Sec. 36, T. 33 N., R. 4 W., 2<sup>nd</sup> PM.; about 0.3 mile north of English Lake, at a 50-foot steel truss bridge over Kline Ditch; set in top of the east wingwall at the north end of the bridge, 105 feet south of the south end of the county road bridge over the Kankakee and Yellow Rivers, a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 4 1950".

DESTROYED

670.979 feet N.G.V.D. 1929

## IFC&WRC TBM K 40-1

In Starke County, English Lake Quad., in the NE ¼ of Sec. 36, T. 33 N., R. 4 W., 2<sup>nd</sup> PM.; about 0.3 mile north of English Lake; at the 650 West Road 200-foot 2-span steel truss bridge over the Kankakee and Yellow Rivers; set in the top of the east wingwall at the south end of the bridge, a chiseled square.

**DESTROYED** 

674.063 feet N.G.V.D. 1929

#### IFC&WRC TBM K 40-2

In Starke County, English Lake Quad., in the NE ¼ of Sec. 36, T. 33 N., R. 4 W., 2<sup>nd</sup> PM.; about 0.3 mile north of English Lake; at the 650 West Road 200-foot 2-span steel truss bridge over the Kankakee and Yellow Rivers; set on the top of the east end of the center bridge pier, a chiseled cross on a rivet head.

**DESTROYED** 

671.914 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 5, 1955

In Starke County, English Lake Quad., in the SW ¼ of Sec. 30, T. 33 N., R. 3 W.,2nd PM.; about 1.5 miles northeast of English Lake; along the left bank of the Kankakee River, at river mile 101.94, about 4.36 miles downstream along a road on top of the left spoil bank of the river from the State Road 8 bridge over the Kankakee River; set in the landward side of the 14-inch landward trunk of a three pronged birch tree, at a break in the levee, 35 feet streamward from the center line of the levee, 6 feet below the top of the levee, 2 feet above the ground; a railroad spike driven through a brass plate, stamped "TBM KK 5 1955".

666.769 feet N.G.V.D. 1929

## IFC&WRC BM STA 21, 1955

In Starke County, English Lake Quad., in the SE ¼ of Sec. 30, T. 33 N., R. 3 W.,2nd PM.; about 1.5 miles northeast of English Lake; along the left bank of the Kankakee River, at river mile 102.46, about 3.84 miles downstream along a road on top of the left spoil bank from the State Road 8 bridge over the Kankakee River; set in the top of a concrete post, 9 feet streamward from the center line of the levee, 0.4-foot above ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 21 1955".

673.613 feet N.G.V.D. 1929

## IFC&WRC TBM KK 6, 1955

In Starke County, English Lake Quad., in the NW ¼ of Sec. 29, T. 33 N., R. 3 W.,2nd PM.; about 2.1 miles northeast of English Lake; along the left bank of the Kankakee River, at river mile 102.97, about 3.33 miles downstream along a road on top of the left spoil bank from the State Road 8 bridge over the Kankakee River; set in the streamward side of the streamward prong of three pronged elm tree (one prong a stump), 12 feet landward from the center line of the levee, 1.1 feet above the ground; a railroad spike driven through a brass plate, stamped "TBM KK 6 1955".

#### IFC&WRC BM STA 22, 1955

In Starke County, English Lake Quad., in the NE ¼ of Sec. 29, T. 33 N., R. 3 W.,2nd PM.; about 2.5 miles northeast of English Lake; along the left bank of the Kankakee River, at river mile 103.41, about 2.89 miles downstream along a road on top of the left spoil bank from the State Road 8 bridge over the Kankakee River; set in the top of a concrete post, 8 feet streamward from the center line of the levee, projecting 0.4-foot above ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 22 1955".

673.880 feet N.G.V.D. 1929

## IFC&WRC TBM KK 7, 1955

In Starke County, English Lake Quad., in the SE ¼ of Sec. 20, T. 33 N., R. 3 W.,2nd PM.; about 3.0 miles northeast of English Lake; along the left bank of the Kankakee River, at river mile 103.94, about 2.36 miles downstream along a road on top of the left spoil bank from the State Road 8 bridge over the Kankakee River; set in the landward side of the landward prong of a three-pronged blazed maple tree, 16 feet streamward from the center line of the levee, 1.5 feet above the ground; a railroad spike driven through a brass plate, stamped "TBM KK 7 1955". 675.145 feet N.G.V.D. 1929

## IFC&WRC BM STA 23, 1955

In Starke County, English Lake Quad., in the NW ¼ of Sec. 21, T. 33 N., R. 3 W.,2nd PM.; about 3.4 miles northeast of English Lake; along the left bank of the Kankakee River, at river mile 104.42, about 1.88 miles downstream along a road on top of the left spoil bank from the State Road 8 bridge over the Kankakee River; set in the top of a concrete post, 10 feet streamward from the center line of the levee, projecting 1 foot above the ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 23 1955".

675.477 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 8, 1955

In Starke County, English Lake Quad., near the north line of Sec. 21, T. 33 N., R. 3 W.,2nd PM.; about 3.8 miles northeast of English Lake; along the left bank of the Kankakee River, at River mile 104.9, about 1.4 miles downstream along a road on the top of the left spoil bank from the State Road 8 bridge over the Kankakee River; set in the downstream side of the streamward 6-inch prong of a three-pronged blazed ash tree, 17 feet streamward from the center line of the levee, 2.3 feet above the ground, 2 feet below the top of the levee; a railroad spike driven through a brass plate, stamped "TBM KK 8 1955". 673.229 feet N.G.V.D. 1929

## IFC&WRC BM STA 24, 1955

In Starke County, English Lake Quad., in the SE ¼ of Section 16, T. 33 N., R. 3 W., 2nd PM.; about 4.3 miles northeast of English Lake; along the left bank of the Kankakee River, at river mile 105.39, about 0.91 mile downstream along a road on top of the left spoil bank from the State Road 8 bridge over the Kankakee River; set in the top of a concrete post, 8 feet streamward from the center line of the levee, projecting 0.5-foot above ground; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 24 1955".

675.453 feet N.G.V.D. 1929

## IFC&WRC TBM KK 9, 1955

In Starke County, English Lake Quad., in the NW ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 6.6 miles west-northwest of Knox; along the left bank of the Kankakee River, at river mile 105.75, 0.4 mile west along State Road 8 from its intersection with State Road 39 to the State Road 8 Bridge over the Kankakee River, thence 0.55 mile downstream along a road on top of the left spoil bank of the river, at an open section on the streamward side of the levee; 16 feet landward from the center line of the levee, 2 feet below the top of the levee, 1.9 feet above the ground, in the streamward side of a 16-inch blazed cotton wood tree, a railroad spike driven through a brass plate stamped "TBM KK 9 1955". 672.065 feet N.G.V.D. 1929

## IFC&WRC BM STA 5, 1950

In Starke County, Knox West Quad., in the NE ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 6.3 miles west-northwest of Knox; at the State Road 8 100-foot steel truss bridge over the Kankakee River; set in the top of the south end of the east abutment, 15 feet south of the center line of the highway, 1.6 feet south of the southeast anchor bolt, 1.2 feet from the face of the abutment, 1 foot below the top of the roadway; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "STA 5 1950".

673.203 feet N.G.V.D. 1929 DESTROYED

#### IFC&WRC TBM K 41-1

In Starke County, Knox West Quad., in the NE ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 6.3 miles west-northwest of Knox; at the State Road 8 100-foot steel truss bridge over the Kankakee River; set in the top of the southeast wingwall, 1.5 feet south and 1.0 feet west of the east end of the south truss, 1.2 feet below the top of the roadway; a chiseled square.

673.181 feet N.G.V.D. 1929 DESTROYED

#### USC&GS BM E 142, 1946

In Starke County, Knox West Quad., in the NE ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; about 6.0 miles west-northwest of Knox; at the intersection of State Road 8 and State Road 39; set in the top of a concrete post, 26 feet south of the center line of State Road 8, at an abandoned T-road leading south from State Road 8, 3 feet west of the center line of the T-road south, level with the center line of State Road 8, projecting 1.4 feet above the ground; a U.S. Coast & Geodetic Survey bronze tablet, stamped "E 142 1946".

675.425 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 100

In Starke County, Knox West Quad., in the NE ¼ of Section 14, T. 33 N., R. 3 W., 2nd PM.; about 5.5 miles west-northwest of Knox, 0.5 mile east along State Road 8 from its intersection with State Road 39; set in a 10-inch locust tree, 20 feet south of the center line of State Road 8, and 2 feet above the ground; a railroad spike.

676.032 feet N.G.V.D. 1929

## IFC&WRC TBM KK 80, 1955

In Starke County, Knox West Quad., in the NE ¼ of Section 13, T. 33 N., R. 3 W., 2nd PM.; about 4.6 miles west-northwest of Knox, 0.3 miles west along State Road 8 from its intersection with Range Road, 0.2 mile west of a red slant type corn crib situated in a cultivated field on the south side of State Road 8; set in the north side of a 14-inch maple tree, 32 feet north of the center line of the road, 1.4 feet above ground, a railroad spike driven through a brass plate stamped "TBM KK 80 1955". 675.896 feet N.G.V.D. 1929

#### IFC&WRC TBM Y 3-2

In Starke County, Knox West Quad., in the SE ¼ of Section 13, T. 33 N., R. 3 W., 2nd PM.; about 3.2 miles north of Toto (Rye.); at the Range Road 120-foot steel truss bridge over the Yellow River; set on the southwest end post, on a rivet head, the eighth rivet from the bottom of the end post, in the west row of rivets, level with the southwest wingwall; a chiseled cross. 685.316 feet N.G.V.D. 1929

## ISHC BM STARKE L 129

In Starke County, Knox West Quad., in the SE ¼ of Section 10, T. 33 N., R. 3 W., 2nd PM.; about 5.5 miles west northwest of Knox, at the intersection of State Road 8 and State Road 39; set in the top of the southwest wingwall of a small bridge over a drainage ditch flowing under State Road 39, 68 feet north of the center line of State Road 8, 23 feet west of the center line of State Road 39, 0.7-foot west of the west face of the bridge, 0.3-foot north of the south end of the bridge; a Indiana State Highway Commission bench mark tablet, stamped "Starke L 129".

## IFC&WRC TBM KK 1, 1955

In Starke County, Knox West Quad., in the NW ¼ of Section 11, T. 33 N., R. 3 W., 2nd PM.; about 6.1 miles west northwest of Knox, about 0.75 mile south of the State Road 39 Bridge over the Kankakee River, 56 feet north of the center line of a farm lane leading east, 54 feet east of the center line of the highway, 4 feet east of a fence line, in a root on the west side of a 30-inch maple tree, 0.3 foot above ground, a railroad spike.

670.403 feet N.G.V.D. 1929

## IFC&WRC BM STA 16, 1955

In Starke County, Knox West Quad., in the SW ¼ of Section 2, T. 33 N., R. 3 W., 2nd PM.; about 6.3 miles west-northwest of Knox, at the State Road 39 Bridge over the Kankakee River; set in the top of the northeast end of the southeast bridge seat, 15.5 feet northeast of the center line of the highway, 0.4-foot southwest of the northeast end of the bridge seat, 0.4- foot from the face of the abutment, 4.5 feet below the top of the roadway; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 16 1955".

673.520 feet N.G.V.D. 1929

## IFC&WRC TBM KK 101, 1955

In Starke County, Knox West Quad., in the SW ¼ of Section 2, T. 33 N., R. 3 W., 2nd PM.; about 6.3 miles west-northwest of Knox, at the State Road 39 Bridge over the Kankakee River, 50 feet southeast of the southeast bridge seat, 30 feet northeast of the center line of the roadway in the west side of a three pronged maple tree, 2 feet above ground, 4 feet below the top of the roadway; a railroad spike. 672.533 feet N.G.V.D. 1929

## IFC&WRC BM STA 6, 1950

In Starke County, Knox West Quad., in the SE ¼ of Section 35, T. 34 N., R. 3 W., 2nd PM.; about 1.7 miles northwest of Brems; at the Starke-LaPorte County Line, at the Norfolk and Western Railroad bridge over the Kankakee River; set in the top of the southwest end of the southeast abutment, 2.2 feet southwest of the southwest girder, 3.7 feet below the top of the girder; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 6 1950". 681.325 feet N.G.V.D. 1929

## IFC&WRC TBM KK 88, 1955

In Starke County, Knox West Quad., in the SW ¼ of Section 36, T. 34 N., R. 3 W., 2nd PM.; about 0.8 miles northwest of Brems, about 0.9 mile west along 300 North Road from its intersection with Range Road; set in the south side of a power pole, 18 feet north of the center line of the road, level with the top of the roadway; a railroad spike driven through a brass plate, stamped "TBM KK 88 1955". 672.957 feet N.G.V.D. 1929

## IFC&WRC TBM KK 89, 1955

In Starke County, Knox West Quad., in the SE ¼ of Section 36, T. 34 N., R. 3 W., 2nd PM.; about 0.7 miles northwest of Brems, about 0.2 mile west along 300 North Road from its intersection with Range Road; set in the south side of a power pole, 20 feet north of the center line of the road, 0.5 foot above the ground; a railroad spike driven through a brass plate, stamped "TBM KK 89 1955". 673.126 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 90, 1955

In Starke County, Knox West Quad., in the SW ¼ of Section 31, T. 34 N., R. 2 W., 2nd PM.; about 1.0 mile north of Brems, about 0.48 mile north along Range Road from its intersection with 300 North Road; set in the west side of a 12-inch elm tree, 18 feet east of the center line of the road, level with the top the roadway; a railroad spike driven through a brass plate, stamped "TBM KK 90 1955". 674.894 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 91, 1955

In Starke County, Knox West Quad., in the SW ¼ of Section 30, T. 34 N., R. 2 W., 2nd PM.; about 6.0 miles northwest of Knox; at the Range Road bridge over Robin's Ditch; set in the west side of a power pole, 12 feet east of the center line of the road, 1 foot north of the northeast bridge seat, level with the top of the road; a railroad spike driven through a brass plate, stamped "TBM KK 91 1955". 677.740 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 105, 1955

In Starke County, Knox West Quad., in the NW ¼ of Section 30, T. 34 N., R. 2 W., 2nd PM.; about 6.3 miles northwest of Knox; about 0.3 mile north along Range Road from its intersection with 450 North Road; set in the west side of a 24-inch walnut tree, 100 feet north of the center line of a drive way leading east to a white shingled, blue-roofed home, at the northwest corner of the front yard, 0.2 foot above ground; a railroad spike.

680.522 feet N.G.V.D. 1929

## IFC&WRC TBM KK 106, 1955

In Starke County, Knox West Quad., in the SE ¼ of Section 25, T. 34 N., R. 3 W., 2nd PM.; about 6.3 miles northwest of Knox; about 0.4 mile west along 450 North Road from its intersection with Range Road; set in the south side of a power pole directly across the road from a farm house, 20 feet south of the center line of the road, 1 foot above ground; a railroad spike. 678.578 feet N.G.V.D. 1929

## IFC&WRC BM STA 17, 1955

In Starke County, Knox West Quad., in the NW ¼ of Section 25, T. 34 N., R. 3 W., 2nd PM.; about 6.3 miles northwest of Knox; about 1.0 mile west along 450 North Road from its intersection with Range Road to the end of the road, at a farm residence on the bank of the Kankakee River; set, in the top of a concrete post, 110 feet north of the edge and 6 feet west of the west edge of the house, 19 feet south and 10 feet west of the west gate post, at a bend in the fence line, 0.9-foot southeast of the fence, level with the surface of the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 17 1955".

674.958 feet N.G.V.D. 1929

## IFC&WRC TBM KK 104, 1955

In Starke County, Kingsford Heights Quad., in the NE ¼ of Section 24, T. 34 N., R. 3 W., 2nd PM.; about 6.0 miles south of Kingsford Heights; about 0.5 mile south along Range Road from its intersection with 600 North Road; set in the west side of an eastward leaning power pole, 25 feet west of the center line of the road, 3 feet above the ground; a railroad spike. 672.133 feet N.G.V.D. 1929

#### USC&GS ZOBEL 1952

In Starke County, Kingsford Heights Quad., in the NW ¼ of Section 19, T. 34 N., R. 2 W., 2nd PM.; about 5.5 miles south of Kingsford Heights; at the intersection of 600 North Road and Range Road, in the southeast quarter of the intersection; 45 feet east of the center line of Range Road, 24 feet south of the center line of 600 North Road; set in the top of a concrete post; a U.S. Coast & Geodetic Survey triangulation station, stamped "ZOBEL 1952".

679.236 feet N.G.V.D. 1929

## IFC&WRC TBM KK 11, 1955

In Starke County, Kingsford Heights Quad., in the NW ¼ of Section 19, T. 34 N., R. 2 W., 2nd PM.; about 5.5 miles south of Kingsford Heights; at the intersection of 600 North Road and Range Road, in the southeast quarter of the intersection; set in the west side of a 10-inch elm tree, 27 feet east of the center line of Range Road, 24 feet south of the center line of 600 North Road, 0.8 foot above ground; a railroad spike.

679.835 feet N.G.V.D. 1929

#### USC&GS BM A 7

In Starke County, Kingsford Heights Quad., in the NW ¼ of Section 18, T. 34 N., R. 2 W., 2nd PM.; about 5.0 miles south of Kingsford Heights; at Mile Post 404, 225 feet west of a road crossing, 122 feet southwest of the southwest rail of the southwest track, 29.5 feet northwest of the center line of a blacktop road, 5 feet north of a fence corner, 3 feet northeast of the right-of-way fence, 4 feet lower than the track, in the top of a concrete post projecting 8-inches above the ground;

a U.S. Coast & Geodetic Survey bronze tablet, stamped "Elevation 680.310 Feet A 7".

**DESTROYED** 

680.346 feet N.G.V.D. 1929

#### IFC&WRC TBM KK 10, 1955

In Starke County, Kingsford Heights Quad., in the NW ¼ of Section 18, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south of Kingsford Heights, at the intersection of 700 North Road and 50 East Road, in the southwest quarter of the intersection; set, in the south side of a pole at a fence corner with fence lines running south and west, 21 feet south of the center line of the east-west road, 20 feet west of the center line of the north-south road, 1.2 feet above the ground; a railroad spike. 677,705 feet N.G.V.D. 1929

#### IFC&WRC BM STA 18, 1955

In Starke County, Kingsford Heights Quad., in the NW ¼ of Section 18, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south of Kingsford Heights, about 0.3 mile west along 700 North Road (abandoned) from its intersection with 50 East Road to the end of the road at a gate entrance into a cultivated field, thence 0.25 mile west along a fence line to the Kankakee River, thence 150 feet downstream from the streamward end of the fence line, at an abandoned steel truss bridge over the Kankakee River, at river mile 112.9; set in the left upstream wingwall, 2.4 feet upstream from the upstream truss, 1 foot landward from the face of the wingwall; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 18 1955".

678.167 feet N.G.V.D. 1929

## IFC&WRC TBM KK 2, 1955

In Starke County, , Kingsford Heights Quad., in the NW ¼ of Section 18, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south of Kingsford Heights, about 0.3 mile west along 700 North Road (abandoned) from its intersection with 50 East Road to the end of the road at a gate entrance into a cultivated field, thence 0.25 mile west along a fence line to the Kankakee River, thence 150 feet downstream from the streamward end of the fence line, at an abandoned steel truss bridge over the Kankakee River, at river mile 112.9; set in the left-downstream wingwall, at the streamward edge, 0.6-foot upstream from the downstream end of the wingwall; a chiseled square.

677.769 feet N.G.V.D. 1929

## IFC&WRC TBM KK 3, 1955

In Starke County, Kingsford Heights Quad., in the NW ¼ of Section 18, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south of Kingsford Heights, about 0.3 mile west along 700 North Road (abandoned) from its intersection with 50 East Road to the end of the road at a gate entrance into a cultivated field, thence 0.25 mile west along a fence line to the Kankakee River, thence 150 feet downstream from the streamward end of the fence line, at an abandoned steel truss bridge over the Kankakee River; set at the upstream end of the left upstream wingwall, 0.3 foot landward from the streamward corner of the wingwall; a chiseled square.

677.767 feet N.G.V.D. 1929

## USC&GS BM X 150, 1946

In Starke County, Kingsford Heights Quad., in the SW ¼ of Section 7, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south of Kingsford Heights, at the 50 East Road wooden-deck steel bridge over the Kankakee River; set in the top of the southwest concrete wingwall, 12 feet west of and level with the center line of the roadway; a U.S. Coast & Geodetic Survey bronze tablet, stamped "X 150 1946. 681.085 feet N.G.V.D. 1929 DESTROYED

## IFC&WRC TBM KK 102, 1955

In Starke County, Kingsford Heights Quad., in the SW ¼ of Section 8, T. 34 N., R. 2 W., 2nd PM.; about 4.5 miles south-southeast of Kingsford Heights, at the intersection of 125 East Road and 700 North Road; set in a root on the south side of a 20-inch elm tree, in a farm yard in the northwest quarter of the intersection, 20 feet north of the center line of 700 North Road, 20 feet west of the center line of 125 East Road; a railroad spike.

679.949 feet N.G.V.D. 1929

## IFC&WRC TBM KK 103, 1955

In Starke County, Kingsford Heights Quad., in the NE ¼ of Section 8, T. 34 N., R. 2 W., 2nd PM.; about 4.0 miles south-southeast of Kingsford Heights, about 0.5 mile north along 150 East Road from its intersection with 700 North Road to a turn to the east, thence about 0.1 mile east along the gravel road to a group of farm buildings in the middle of Sec. 8, T. 34 N., R. 2 W.; set in the east side of a 10-inch white oak tree, 100 feet north of the center line of the gravel road, 10 feet west of the center line of the farm lane, 8-inches above ground; a railroad spike.

681.835 feet N.G.V.D. 1929

## IFC&WRC BM STA 19, 1955

In Starke County, Kingsford Heights Quad., in the NE ¼ of Section 8, T. 34 N., R. 2 W., 2nd PM.; about 4.0 miles south-southeast of Kingsford Heights, about 0.5 mile north along 150 East Road from its intersection with 700 North Road to a turn to the east, thence about 0.1 mile east along the gravel road to a group of farm buildings in the middle of Sec. 8, T. 34 N., R. 2 W., thence about 0.1 mile generally north along a farm lane (lane leads north into farm yard, thence 500 feet west to a lane leading north, thence 1000 feet north along farm lane and east and north through pasture); at a single truss (private) bridge over the Kankakee River; set in the top of the southwest wingwall, 14 feet southwest of the center line of the bridge, 4.1 feet southwest of the northwest face of the southeast abutment, 1.0 foot north of the south end of the wingwall; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "STA 19 1955".

679.807 feet N.G.V.D. 1929

## IFC&WRC TBM YR 143, 1955

In Starke County, Knox West Quad., in the NW ¼ of Section 22, , T. 33 N., R. 2 W., 2nd PM.; about 0.5 mile northwest of Knox, at the intersection of Division Road and the Norfolk and Western Railroad; set in the northeast side of a power pole #280/300, 220 feet west of a water tower, 16 feet south of the center line of the road, 100 feet southwest of southwest rail, about 2.5 feet below the roadway; a railroad spike driven through a brass tag, stamped "TBM YR 14 3 1955". 692.597 feet N.G.V.D. 1929

## IFC&WRC TBM YR 144, 1955

In Starke County, Knox East Quad., in the NE ¼ of Section 22, , T. 33 N., R. 2 W., 2nd PM.; at Knox; at the U.S. 35 crossing with the Penn Central Railroad, in the southwest quarter of the crossing; set in the north side of a power pole, 24 feet southeast of the southeast rail, 18 feet west of the center line of U.S. 35, about even with the top of the rail; a railroad spike driven through a brass tag, stamped "TBM YR 144 1955".

702.987 feet N.G.V.D. 1929

## IFC&WRC TBM Y 8-2

In Starke County, Knox East Quad., in the NW ¼ of Section 24, , T. 33 N., R. 2 W., 2nd PM.; at Knox, at the 500 East Road 120-foot steel truss bridge over the Yellow River; set on the northeast end post, 8 feet east of the center line of the roadway, 2 feet above the northeast wingwall, 1.2 feet east of and 1.4 feel below the top of the east steel guardrail, a chiseled cross on a rivet head. 701.127 feet N.G.V.D. 1929

## IFC&WRC TBM YR 150, 1955

In Starke County, Knox East Quad., in the SW ¼ of Section 34, , T. 33 N., R. 2 W., 2nd PM.; about 1.1 mile east-southeast of Knox; at the intersection of State Road 8 and 500 East Road, in the northeast quarter of the intersection; set in the northeast side of a 40-inch oak tree, 40 feet north of the center line of State Road 8, 12 feet east of the center line of 500 East Road, 1 foot above the ground; a railroads spike driven through a brass tag stamped "TBM YR 150 1955". 712.221 feet N.G.V.D. 1929

## IFC&WRC TBM YR 156, 1955

In Starke County, Knox East Quad., in the NE ¼ of Section 34, , T. 33 N., R. 1 W., 2nd PM.; about 1.2 miles east-southeast of Ober; at the "T" road intersection of 250 South Road and 1000 East Road, in the northwest quarter of the intersection; set in the east side of a power pole, 8 feet north of the extended center line of the road leading east (250 South Road), 16 feet west of the center line of the north-south road (1000 East Road), and about level with the roadway; a railroad spike driven through a brass plate stamped "TBM YR 156 1955".

730.056 feet N.G.V.D. 1929

#### IFC&WRC TBM Y 9-2

In Starke County, Knox East Quad., in the SE ¼ of Section 19, T. 33 N., R. 1 W., 2nd PM.; 3.0 mile east southeast of Knox; at the 700 East Road 110-foot steel truss bridge over the Yellow River; set on the southwest end post, on top of the 17th rivet head in the east row of rivets, 9 feet west of and 2.6 feet above the center line of the roadway, 2.9 feet north of the south end and 0.9 foot above the top of the west steel guard rail; a chiseled square.

712.053 feet N.G.V.D. 1929

### IFC&WRC TBM Y 10-2

In Starke County, Knox East Quad., in the SE ¼ of Section 20, T. 33 N., R. 1 W., 2nd PM.; 3.5 miles east-southeast of Knox; at the State Road 8 120-foot steel truss bridge over the Yellow River; set on the west end post (left downstream), on the 12th rivet head of the south row of rivets, 1.7 feet above the road way; a chiseled cross.

714.633 feet N.G.V.D. 1929

#### IFC&WRC TBM Y 12-1

In Starke County, Donaldson Quad., in the Se ¼ of Section 26, T. 33 N., R. 1 W., 2nd PM.; about 1.9 miles east of Ober; at the 1100 East Road 110-foot steel truss bridge over the Yellow River; set on the northwest end post, on the fourth rivet below the bridge name plate, in the west row of rivets, 6 feet south of the abutment, 2 feet above the roadway; a chiseled cross. 732.597 feet N.G.V.D. 1929

#### IFC&WRC TBM Y 13-2

In Marshall County, Donaldson Quad., in the NW ¼ of Section 31, T. 33 N., R. 1 E., 2nd PM.; about 2.8 miles west-northwest of Burr Oak; at the 1200 East Road (Starke-Marshall County Line Road) 110-foot steel truss bridge over the Yellow River; set on a rivet in the west row of rivets on the southeast end post, 2.1 feet above the road; a chiseled cross.

738.628 feet N.G.V.D. 1929

### DNR BM AMY 1, 1987

In Starke County, Bass Lake Quad, in the SW ¼ of Section 18, T. 32 N., R. 1 W., 2nd PM.; at Bass Lake; at the Bass Lake State Beach area: set in a concrete post, 200.0 feet west-southwest of the Admissions Building, 10.5 feet north-northwest of a gravel parking lot (north side), 2.5 feet west of the wooden rail fence that divides the sand and grass area of beach, about level with the ground; 4.3' southeast of wooden fence post; 0.6' below ground (sand and grass from the beach covers the mark as – had to dig); a Department of Natural Resources control station tablet, stamped "AMY 1 1987"

Recovered: 3/16/2016 EF Good condition!

714.849 feet N.G.V.D. 1929

POSITION DATA N.A.D. '83 (1986) (U.S. Survey Feet).

Third Order Class II Transverse (No Check on this Position).

N = 2,175,598.44

E = 3,090,935.84

Grid Azimuth (N=0) to Azimuth Mark: 242 00' 40"

Grid Distance to Azimuth Mark: 307.48 feet

Azimuth Mark: Near the southwest end of the State Beach at the "turn around", about 4 feet northwest of the northwest most part of the "turn around"; a rebar and aluminum cap.

### DNR BM AMY 2, 1987

In Starke County, Bass Lake Quad, in the SW ¼ of Section 18, T. 32 N., R. 1 W., 2nd PM.; at the brass Lake State Beach area; set in a concrete post, 924.0 feet east-northwest of the Admissions Building, 17.0 feet south of the centerline of Gravel Drive, 13.5 feet northwest of the northeast corner of the Women's Restroom Building, about level with ground surface; a Department of Natural Resources control station tablet; stamped: AMY 2 1987."

715.130 feet N.G.V.D. 1929

POSITION DATA N.A.D. '83 (1986) (U.S. Survey Feet).

Third Order Class II Traverse.

N = 2, 176, 226.73

E = 3,091,845,85

Grid Azimuth (N = 0) to Azimuth Mark: 317 05' 31"

Grid Distance to Azimuth Mark: 4022.94 feet

Azimuth Mark: On the northwest shore of Bass Lake, near the intersection of Golf Course Road (Co. Rd. 500 S.) and old State Road 210; about 112 feet south of the intersection of the roads, 22.0 feet east of the east edge of old St. Highway 210, and 2.8 feet west of the edge of a seawall; a rebar and aluminum cap.

### USC&GS BM X 133 1946

In Starke County, Culver Quad, in the NE ¼ of Section 13, T. 32 N., R. 1 W., 2nd PM, about 2.8 miles west-northwest of Culver; at the intersection of State Road 10 and 1150 East Road; set in the top of a concrete post in the southeast quarter of the intersection, 48 feet south from the centerline of the east-west road, 23 feet east from the centerline of the north-south road, 24 feet south from a fence corner, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "X 133 1946". 740.218 feet N.G.V.D. 1929

#### DNR TBM SLK 148 1978

In Starke County, Walkerton Quad, in the NE ¼ of Section 11, T. 34., R. 1 W, 2nd PM, about 4.3 miles west of Tyner; at the outlet dam of Koontz Lake on the east side of State Road 23; set in the north end of the east headwall of the dam, 19.8 feet east from the centerline of the road, 1.3 feet below the roadway, 0.3 foot south from the north end of the headwall; a chiseled triangle. 716.625 feet N.G.V.D. 1929

# USGS RM No. 3 Gaging Station

In Starke County, Walkerton Quad, in the NE ¼ Sec. 11, T. 34N., R.1W., 2nd PM, about 4.3 miles west of Tyner; at the outlet dam for Koontz Lake on the east side of the road (State Road 23); set in the top of a concrete lake level monument, 54 feet north from the north end of the dam, 30.0 feet east from the centerline of State Road 23, 1.5 feet above the headwall, 0.7 foot south from the north end of the headwall; a U.S. Geological Survey gaging station tablet, not stamped. 720.297 feet N.G.V.D. 1929

### DNR TBM SLK 147 1978

In Starke County, Walkerton Quad, in the SE ¼ of Section 12, T. 34 N., R. 1 W., 2nd PM, about 3.5 miles west of Tyner; at the intersection of 1175 East Road and Circle Drive; set in the west side of power pole #286/09, in the southeast quarter of the intersection, 52 feet south from the centerline of the east-west road (Circle Drive), 16.0 feet east from the centerline of the north-south road (1175 East Road), 0.5 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM SLK 147 1978."

723.365 feet N.G.V.D. 1929

### DNR BM STA 33, 1994

In Starke County, Denham Quad., in the SE ¼ of Section 8, T. 32 N., R. 2 W., 2nd P.M.; at the access area for Round Lake; about 4.3 miles westerly along State Road 10 from the intersection of State Road 35 and State Road 10 to the intersection of 100 East Road, thence north along 100 East Road about 1 mile to the intersection of 500 South Road, thence about 0.5 miles east along 500 South Road about 0.5 mile to the intersection of 150 East Road, thence north about 0.25 mile to the intersection of entrance road to Round Lake, thence about 0.25 miles easterly along entrance road to the mark.; set in top of a concrete post, 95.1 feet north of a P.K. nail in the west side of a 6" X 6" post at the north end of a fence, 50.9 feet northeast of a P.K. nail on the west side of a 24 inch Oak tree, 53.9 feet southeast of DNR TBM RL 4 1993 (which is a railroad spike through an IDNR TBM aluminum tag on the east side of a 18 inch Oak tree), 20.8 feet southwest of a P.K. nail in the north side of a 30 inch Oak tree, about flush with the ground; a Indiana Department of Natural Resources control station tablet, stamped "STA 33 1994".

3rd Order

707.297 feet N.G.V.D. 1929

706.936 feet N.A.V.D. 1988

#### DNR LAKE LEVEL MONUMENT ROUND LAKE

In Starke County, Denham Quad., in the SE ¼ of Section 8, T. 32 N., R. 2 W., 2nd P.M. at the access area for Round Lake; about 4.3 miles west along State Road 10 from the intersection of State Road 35 and State Road 10 to the intersection of 100 East Road, thence north along 100 East Road about 1 mile to the intersection of 500 South Road, thence about 0.5 mile east along 500 South Road to the intersection of 150 East Road, thence north about 0.25 mile to the intersection of the entrance road to Round Lake, thence about 0.25 miles east along the entrance road to the Lake Level Monument; set in top of a concrete monolithic lake level monument, 32.2 feet west of a "PK" nail in the north side of a 40 inch Oak tree, 48.1 feet northeast of a "PK" nail in the northwest side of a 40 inch Oak tree, 15.75 feet northwest of "DNR BM STA 33, 1994"; a Indiana Department of Natural Resources control station tablet (not stamped).

3<sup>rd</sup> Order

708.137 feet N.G.V.D. 1929

707.776 feet N.A.V.D. 1988

### DNR TBM RL 1, 1991

In Starke County, Denham Quad., in the SE ¼ of Section 8, T. 32 N., R. 2 W., 2nd P.M.; at the access area for Round Lake; about 4.3 miles westerly along State Road 10 from the intersection of State Road 35 and State Road 10 to the intersection of 100 East Road, thence north along 100 East Road about 1 mile to the intersection of 500 South Road, thence about 0.5 miles east along 500 South Road to the intersection of 150 East Road, thence north about 0.25 mile to the intersection of entrance road to Round Lake, in the SE ¼ of said intersection; set in the south side of a power pole. 17 feet east of the centerline of 150 East Road, 69 feet south of the centerline of entrance road to Round Lake, about 1.5 feet above the ground; a railroad spike driven through a IDNR TBM aluminum tag (No Stamping).

3<sup>rd</sup> Order

715.942 feet N.G.V.D. 1929

715.581 feet N.A.V.D. 1988

# DNR TBM RL 2, 1991

In Starke County, Denham Quad., in the NE ¼ of Section 8, T. 32 N., R. 2 W., 2nd P.M.; near the northeast side of Round Lake; about 0.15 miles west along 435 South Road from its intersection with 200 East Road and to a "S" curve in the road; set in the northeast side of a power pole, 15.5 feet north of the centerline of the road, about 2 feet above the ground; a railroad spike driven through an IDNR TBM aluminum tag (NO Stamping).

3<sup>rd</sup> Order

712.064 feet N.G.V.D. 1929

711.703 feet N.A.V.D. 1988

#### DNR TBM RL 4, 1993

In Starke County, Denham Quadrangle, in the SE ¼ of Sec. 8, T. 32 N., R. 2 W., 2nd PM.; at the access area for Round Lake; about 4.3 miles west along State Road 10 from the intersection of State Road 35 and State Road 10 to the intersection of 100 East Road, thence north along 100 East Road about 1 mile to the intersection of 500 South Road, thence about 0.5 mile east along 500 South Road to the intersection of 150 East Road, thence north about 0.25 mile to the intersection of entrance road to Round Lake, thence about 0.25 miles easterly along entrance road to the mark.; set in the east side of an 18 inch White Oak tree, 16.0 feet west of the centerline of the entrance lane, 28.0 feet north of the intersection of four lanes, 12.0 feet east of the east edge of a wood cellar (abandoned), about 1 foot above the level of the ground; a railroad spike driven through a IDNR TBM aluminum tag, (no additional hand stamping on the tag).

3<sup>rd</sup> Order

708.009 feet N.G.V.D. 1929

707.648 feet N.A.V.D. 1988

### DNR TBM RL 5, 2001

In Starke County, Denham Quadrangle, in the SE ¼ of Sec. 8, T. 32 N., R. 2 W., 2nd PM.; at the access area for Round Lake; about 4.3 miles west along State Road 10 from the intersection of State Road 35 and State Road 10 to the intersection of 100 East Road, thence north along 100 East Road about 1 mile to the intersection of 500 South Road, thence about 0.5 mile east along 500 South Road to the intersection of 150 East Road, thence north about 0.25 mile to the intersection of entrance road to Round Lake, thence about 0.25 miles east along entrance road to the mark; set in the west side of an 24 inch Cottonwood tree, 42 feet north of the centerline of the entrance road, 2 feet south of the centerline of a slough flowing east; a railroad spike driven through an IDNR TBM aluminum tag (Not Stamped).

708.499 feet N.G.V.D. 1929

708.138 feet N.A.V.D. 1988

## DNR TBM RL 6, 2001

In Starke County, Denham Quadrangle, in the SE ¼ of Sec. 8, T. 32 N., R. 2 W., 2nd PM.; at the access area for Round Lake; about 4.3 miles west along State Road 10 from the intersection of State Road 35 and State Road 10 to the intersection of 100 East Road, thence north along 100 East Road about 1 mile to the intersection of 500 South Road, thence about 0.5 miles east along 500 South Road to the intersection of 150 East Road, thence north about 0.65 mile to the intersection of 435 South Road, thence about 0.15 miles east along 435 South Road to the mark; set in the south side of a 6 inch trunk of a double trunk Hackberry tree, 26.5 feet south of the centerline of 435 South Road, 7.7 feet south of a fence line, about 0.8 foot above the ground; a railroad spike driven through an IDNR aluminum tag (Not Stamped).

3<sup>rd</sup> Order

708.204 feet N.G.V.D. 1929

707.843 feet N.A.V.D. 1988

### **DNR BM STAR 1, 1994**

In Starke County, Bass Lake Quad., in the South ½ of Sec. 32, T. 32 N., R. 1 W., 2nd PM; at Ora; at the intersection of Main Street and the Tippecanoe railroad, in the NE ¼ of the intersection; set in the top of a concrete post, 201.0 feet north of the north rail of the railroad, 56.3 feet east of and across Main Street from a power pole with a telephone box at its base, 56.2 feet southwest of the southwest corner of a garage, 30.0 feet north of the centerline of a private drive to the east, 22.5 feet east of the centerline of Main Street, 2.0 feet southwest of power pole #279/575, about 0.2 foot below the level of the ground; a Department of Natural Resources brass control station tablet, stamped "STAR 1 1994".

716.943 feet N.A.V.D. 1988

218.5247 meters N.A.V.D.1988

### **DNR BM STAR 2, 1994**

In Starke County, Bass Lake Quad., in the West ½ of Sec. 33, T. 32 N., R. 1 W.,2nd PM; approximately 0.8 mile northeast of Ora; at the 850 South Road bridge over House Ditch; set in the top of the south curb of the bridge, 112.0 feet east of the centerline of a private drive to the south, 77.0 feet west of a private drive to the north, 10.5 feet south of the centerline of 850 south road, 0.9 foot east of the west end of the south concrete guardrail, east of the west end of the road; a Department of Natural Resources brass control station tablet, stamped "STAR 2 1994".

713.623 feet N.A.V.D. 1988

217.5128 meters N.A.V.D.1988

### DNR BM STAR 3, 1994

In Starke County, Bass Lake Quad., in the East ½ of Sec. 33, T. 32 N., R. 1 W., 2nd PM; approximately 1.15 mile northeast of Ora; approximately 0.15 mile east along 850 South Road from its intersection with 850 East Road to the station on the north side of 850 South Road; set in the top of a concrete post, inside a 2 ft. x 2 ft. concrete pad, about level with the ground, 333.3 feet east of and across the road from a PK nail set in the north side of a old telephone pole used as a corner fence post, 15.6 feet north of the centerline of 850 South Road, 14.8 feet southwest of a power pole with a guy wire, 8.0 feet west of the guy wire anchor, 3.8 feet south of a orange DNR witness post; a Department of Natural Resources brass control station tablet, stamped "STAR 3 1994".

717.271 feet N.A.V.D. 1988

218.6247 meters N.A.V.D.1988

### DNR BM STAR 5, 1994

In Starke County, Bass Lake Quad., in the NW ¼ of Sec. 34, T. 32 N., R. 1 W., 2nd PM; approximately 1.8 miles northeast of Ora; approximately 0.8 mile east along 850 South Road from its intersection with 850 East Road to the station on the north side of the road; set in the top of a concrete post, inside a 2 ft. x 2 ft. concrete pad, 442.8 feet east of a mailbox (9180 E. 810 S. Rd.), 323.5 feet west of a "Funks Hybrid" sign post, 22.4 feet west of a fence pole (next to an orange telephone line witness post), 13.2 feet north of the centerline of 850 East Road, 2.2 feet south of an orange DNR witness post, about level with the ground; a Department of Natural Resources brass control station tablet, stamped "STAR 5 1994".

723.477 feet N.A.V.D. 1988

220.5162 meters N.A.V.D.1988

### DNR BM STAR 6, 1994

In Starke County, Bass Lake Quad., in the West ½ of Sec. 35, T. 32 N., R. 1 W., 2nd PM; about 2.5 miles East-Northeast of Ora; at the intersection of 1000 East Road and 850 South Road, in the northeast ¼ of the intersection; set in the top of a concrete post, inside a 2 ft. x 2 ft. concrete pad, 64.5 feet north of and across 850 South Road from a "stop" sign post, 36.0 feet east of and across 1000 East Road from a "stop" sign post, 30.5 feet north of the centerline of 850 South Road, 24.2 feet west of a metal telephone box, 12.0 feet south of a metal chain link fence corner post, 5.2 feet southwest of a chain link fence, about level with the ground; a Department of Natural Resources brass control station tablet, stamped "STAR 6 1994".

727.188 feet N.A.V.D. 1988

221.6473 meters N.A.V.D.1988

### DNR BM STAR 31, 1994

In Starke County, Bass Lake Quad., in the East ½ of Sec. 33, T. 32 N., R. 1 W., 2nd PM; approximately 1.3 miles northeast of Ora; at the 850 South Road bridge over Casper Ditch; set in the top of the southeast concrete wingwall of the bridge, 114.0 feet east of the centerline of a private drive to the south, 13.0 feet south of centerline of 850 South Road, 1.3 feet south of the south concrete guardrail, 0.5 foot east of the west face of the concrete wingwall, 0.3 feet above the ground; a Department of Natural Resources brass control station tablet, stamped "STAR 31 1994".

717.196 feet N.A.V.D. 1988

218.6018 meters N.A.V.D.1988

# DNR TBM STK 1, 1994

In Starke County, Bass Lake Quad., in the North ½ of Sec. 32, T. 32 N., R. 1 W., 2nd PM; about 0.5 mile north of Ora; near the west entrance to the Ora Cemetery; set in the west side of a 24.0 inch Oak tree, 85.0 feet north of the center line of the SW entrance to the Ora Cemetery (Alexander Heinemann Memorial Cemetery), 18.0 feet east of the center line of 750 East Road, 7.0 feet west of the cemetery fence, 1.3 feet above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 1 1994".

733.266 feet N.A.V.D. 1988

223.4998 meters N.A.V.D.1988

# DNR TBM STK 2, 1994

In Starke County, Bass Lake Quad., in the center of Sec. 32, T. 32 N., R. 1 W., 2nd PM; about 0.4 mile north of Ora; at the intersection of 850 South Road and Main street, in the southeast ¼ of the intersection; set in the north side of a power pole with a guy wire, 72.5 feet northeast of a metal "stop" sign post, 56.1 feet east of the centerline of Main Street, 18.6 feet south of the centerline of 850 South Road, about 1.1 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 2 1994".

728.854 feet N.A.V.D. 1988

222.1552 meters N.A.V.D.1988

### **DNR TBM STK 3, 1994**

In Stark County, Bass Lake Quad., in the east ½ of Sec. 32, T. 32 N., R. 1 W., 2nd PM; about 0.5 mile north of Ora; at the intersection of 800 East Road and 850 South Road, in the northwest Quadrant of the "T" Road intersection; set in the south side of a power pole, 198.0 feet west of the center line of 800 East Road, 99.0 feet east of a 24 inch tree, 23.0 feet north of the centerline of 850 South Road, 1.0 foot above the ground, 0.9 foot east of a green metal telephone junction box, 0.9 foot south of a fence line; a railroad spike driven thru an aluminum tag. Stamped "IDNR TBM STK 3 1994".

724.027 feet N.A.V.D. 1988

220.6838 meters N.A.V.D.1988

### DNR TBM STK 4, 1994

In Starke County, Bass Lake Quad., in the north ½ of Sec. 33, T. 32 N., R. 1 W., 2nd PM; about 1.0 mile northeast of Ora; at the intersection of 850 East Road and 850 North Road, in the northwest quadrant of the "T" Road intersection; set in the top of the southeast corner of the concrete base of a metal telephone junction box, 87.5 feet west of the centerline of 850 East Road, 13.5 feet north of the centerline of 850 North Road, 6.0 feet south of the remains of a e-w fence, 6.0 feet southwest of a power pole with a electric meter, 1.8 feet south-southeast of the southeast corner of the metal utility box painted brown, 0.4 foot west of the east end of the concrete base, 0.2 foot north of the south end of the concrete base; a chiseled triangle.

718.565 feet N.A.V.D. 1988

219.0189 meters N.A.V.D.1988

### DNR TBM STK 5, 1994

In Starke County, Bass Lake Quad., in the North ½ of Sec. 33, T. 32 N., R. 1 W., 2nd PM; about 1.2 miles northeast of Ora; approximately 0.3 mile north along 850 East Road from its intersection with 850 South Road, on the west side of 850 East Road, 19.9 feet west of a railroad spike driven into the centerline of 850 East Road; set in the north side of a 12 inch Sassafras tree, 1.0 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 5 1994".

724.832 feet N.A.V.D. 1988

220.9292 meters N.A.V.D.1988

#### DNR TBM STK 6, 1994

In Starke County, Bass Lake Quad., in the west ½ of Sec. 34, T. 32 N., R. 1 W., 2nd PM; about 1.6 miles cast-northeast of Ora; 0.6 mile east along 850 South Road from its intersection with 850 East Road to a power pole on the south side of 850 South Road; set in the north side of a power pole, 27.0 feet south of the centerline of 850 South Road, 24 feet west of the centerline of a dim lane to the south, 1.2 feet above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 6 1994".

723.435 feet N.A.V.D. 1988

220.5034 meters N.A.V.D.1988

### DNR TBM STK 7, 1994

In Starke County, Bass Lake quad., in the SW ¼ of Sec. 35, T. 32 N., R. 1 W., 2nd PM; about 2.7 miles east of Ora; approximately 0.5 mile south along 1000 East Road from its intersection with 850 South Road to a turn to the east (County line Road), thence approximately 0.25 mile east along the Starke-Pulaski County Line Road to the station on the north side of the road; set in the west side of a power pole, 146 feet west of the centerline of Ash Street, 27.0 feet north of the center line of County Line Road, 1.0 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 7 1994".

727.019 feet N.A.V.D. 1988

221.5958 meters N.A.V.D.1988

### DNR TBM STK 8, 1994

In Starke County, Culver Quad., in the SW 1/4of Sec. 36, T. 32 N., R. 1 W., 2nd PM; about 1.0 mile north of Monterey; at the intersection of 1100 East Road and the Starke-Pulaski County Line Road, in the northeast quarter of the intersection; set in the west side of power pole #15, 143.0 feet north of the center line of County Line Road, 43.3 feet east of and across 1100 East Road from a metal telephone junction box, above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 8 1994".

725.309 feet N.A.V.D. 1988

221.0747 meters N.A.V.D.1988

### DNR TBM STK 11, 1994

In Starke County, Bass Lake Quad., in the NE ¼ of Sec. 34, T. 32 N., R. 1 W., 2nd PM; approximately 2.0 miles east of Ora; approximately 1.05 mile east along 850 South Road from its intersection with 850 East Road to a bend in the road to the south; set in the road ward side of a 6.0 inch Oak tree, on the north side of the road, 65.4 feet east-south east of a metal road direction sign post, 25.8 feet north-northeast of the center line of 850 south Road, 24.0 feet west of a 30 inch twin trunked Oak tree, 0.7 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 11 1994".

721.591 feet N.A.V.D. 1988

219.9415 meters N.A.V.D.1988

# DNR TBM STK 12, 1994

In Starke County, Bass Lake Quad., in the NE ¼ of Sec. 32, T. 32 N., R. 1 W., 2nd PM; approximately 0.9 mile northeast of Ora; approximately 0.4 mile north along 800 East Road from its intersection with 850 South Road to a power pole with a transformer and guy wire on the west side of 800 East Road, 40.6 feet south of the centerline of a private drive (#8135) to the west, 26.0 feet west of the centerline of 800 East Road, 22.5 feet north of the power pole guy wire anchor, 19.5 feet south of a metal telephone junction box, 1.1 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "IDNR TBM STK 12 1994".

716.458 feet N.A.V.D. 1988

218.3768 meters N.A.V.D.1988

### DNR BM STA 32, 1985

In Starke County, Knox West Quad., in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; approximately 0.5 mile west-northwest of Knox, at the 300 East Road bridge over the Yellow River; set in the top of the southwest concrete wingwall of the bridge, 13.0 feet west of the centerline of 300 East Road, 0.9 foot south of the north face of the wingwall, 0.2 foot above the level of the road; a Department of Natural Resources brass control station tablet, stamped "STA 32, 1985".

694.041 feet N.G.V.D. 1929

211.5441 meters N.G.V.D. 1929

#### DNR TBM YR 485

In Starke County, Knox West Quad., in the SE ¼ of Section 16, T. 33 N., R. 2 W., 2nd PM.; approximately 0.5 mile west-northwest of Knox, at the 300 East Road bridge over the Yellow River; set in the northwest corner of the bridge; a chiseled triangle.

694.038 feet N.G.V.D. 1929

211.5432 meters N.G.V.D. 1929

#### DNR BM STA 9 RESET 1985

In Starke County, Knox West Quad., in the SE ¼ of Section 13, T. 33 N., R. 3 W., 2nd PM.; approximately 3.5 mile west of Knox, at the Range Road bridge over the Yellow River; set in the top of the southwest concrete headwall of the bridge, 15.5 feet west of the centerline of the road, 3.9 feet south of the north face of the headwall, about level with the road; a Department of Natural Resources brass control station tablet, stamped "STA 9 RESET 1985".

686.725 feet N.G.V.D. 1929

209.3142 meters N.G.V.D. 1929

#### DNR TBM YR 585

In Starke County, Knox West Quad., in the SE ¼ of Section 13, T. 33 N., R. 3 W., 2nd PM.; approximately 3.5 mile west of Knox, at the Range Road bridge over the Yellow River; set in the northwest corner of the bridge; a chiseled triangle.

686.695 feet N.G.V.D. 1929

209.3051 meters N.G.V.D. 1929

#### DNR BM STA 8 RESET 1985

In Starke County, Knox West Quad., in the SE ¼ of Section 14, T. 33 N., R. 3 W., 2nd PM.; approximately 4.5 mile west of Knox; at the 100 West Road bridge over the Yellow River; set in the top of the southwest concrete headwall of the bridge, 14.8 feet west of the centerline of the road, 3.9 feet south of the north face of the headwall, about level with the road; a Department of Natural Resources brass control station tablet, stamped "STA 8 RESET 1985".

684.017 feet N.G.V.D. 1929

208.4888 meters N.G.V.D. 1929

#### DNR TBM YR 685

In Starke County, Knox West Quad., in the SE ¼ of Section 14, T. 33 N., R. 3 W., 2nd PM.; approximately 4.5 mile west of Knox; at the 100 West Road bridge over the Yellow River; set in the northwest corner of the bridge; a chiseled triangle.

683.920 feet N.G.V.D. 1929

208.4592 meters N.G.V.D. 1929

### DNR BM STA 30, 1981

In Starke County, Knox West Quad., in the SE ¼ of Section 15, T. 33 N., R. 3 W., 2nd PM.; approximately 5.8 mile west of Knox; approximately 0.3 mile west along a gravel road on the north bank of the Yellow River from its intersection with State Road 39, on a control structure in the Kankakee State Fish and Wildlife Area; set in the top of the concrete control structure, 10.5 feet south of the centerline of the gravel road, 3.4 feet east of the east most gate lift, 2.5 feet below the level of the road, 2.0 feet south of the east most post of the south guardrail, 0.7 foot west of the east face of the control structure; a Department of Natural Resources brass control station tablet, stamped "STA 30 1981".

676.004 feet N.G.V.D. 1929 2<sup>nd</sup> Order 675.69 feet NAVD 1988 Corps conversion

206.0464 meters N.G.V.D. 1929

### DNR TBM HWP 6, 1983

In Starke County, English Lake Quad., in the NE ¼ of Section 36, T. 33 N., R. 4 W., 2nd PM.; at English Lake; at the 650 West Road bridge over the Yellow and Kankakee Rivers; set in the top of the southeast concrete wingwall abutment of the bridge, 13.7 feet east of the centerline of the road, 3.0 feet above the concrete bridge deck, 0.4 foot east of the west edge of the wingwall abutment, 0.35 foot north of the south face of the wingwall abutment; a chiseled triangle.

Destroyed See DNR TBM STARKECO 2, 2011

#### **IDOT BM STARKE L 895**

In Starke County, LaCrosse Quad., in the NE ¼ of Section 5, T. 32 N., R. 4 W., 2nd PM.; about 0.7 mile south of Wilders; at the US 421 bridge over the Kankakee River; set in the top of the southwest concrete abutment of the bridge, 24.6 feet west of the centerline of the road, 8.8 feet south of the north end of the abutment, 2.8 feet below the top of the concrete guardrail of the bridge, 2.2 feet north of the south end of the abutment, 0.7 foot west of the west face of the guardrail, 0.5 foot east of the west face of the abutment; a Indiana Department of Transportation bench mark tablet, stamped "STARKE L 895".

3<sup>rd</sup> Order

673.833 feet N.G.V.D. 1929 673.588 feet N.A.V.D. 1988 205.3847 meters N.G.V.D. 1929 205.3100 meters N.A.V.D. 1988

### DNR TBM STARKECO 1, 2011

In Starke County, Knox West Quad., in the SE ¼ of Section 10, T. 33 N., R. 3 W., 2nd PM.; about 6.0 miles west-northwest of Knox; at the State Road 8 bridge over the Kankakee River; set in the top of the northeast concrete abutment of the bridge, 20.0 feet north of the centerline of the road, 13.9 feet west of the east end of the abutment, 3.3 feet below the top of the north concrete guardrail of the bridge, 2.5 feet east of the west end of the abutment, 0.7 foot north of the north face of the north concrete guardrail, about 0.5 foot below the top of the concrete bridge approach, 0.4 foot south of the north face of the abutment; a cut triangle.

3<sup>rd</sup> Order

678.981 feet N.G.V.D. 1929

206.9538 meters N.G.V.D. 1929

#### DNR TBM STARKECO 2, 2011

In Starke County, English Lake Quad., in the NE ¼ of Section 36, T. 33 N., R. 4 W., 2nd PM.; about 0.4 mile north of English Lake; at the 650 West Road bridge over the Kankakee River; set in the top of the southeast concrete wingwall of the bridge, 13.7 feet east of the centerline of the road, 12.0 feet northwest of the southeast end of the wingwall, 2.6 feet below the top of the metal guardrail of the bridge, 1.6 feet south of the north face of the wingwall, 0.6 foot east of the east face of the concrete bridge deck, level with the top of the concrete bridge deck; a cut triangle.

3<sup>rd</sup> Order

674.574 feet N.G.V.D. 1929

205.6106 meters N.G.V.D. 1929

### DNR BM KANKAKEE 1 2013

In Starke County, English Lake Quad., SE ¼ section 16, T.33 N., R. 3 W., 2<sup>nd</sup> P. M. Set in the Kankakee Fish and Wildlife Area along the Kankakee River. Starting at the southeast corner of the S. R. 8 bridge over the Kankakee River at the north entrance to Kankakee Fish and Wildlife Area; thence southwest along 10 mile road levee about 3.23 miles to a concrete bridge over a control structure for the Fish and Wildlife Area. Set in the northeast concrete wingwall of the bridge. 10 feet north of the centerline of levee road, 0.6 feet east of the west face of the concrete wingwall of the bridge, 0.5 feet west of the east face of the concrete wingwall of the northeast corner of the north concrete guardrail, 2.8 feet below the top of the concrete guardrail. A standard DNR DOW BM tablet (not stamped).

675.68 feet NAVD 1988 INCORS 2011 (12A)

#### DNR TBM 1K 2013

In Starke County, English Lake Quad., SE ¼ section 16, T.33 N., R. 3 W., 2<sup>nd</sup> P. M. Set in the Kankakee Fish and Wildlife Area along the Kankakee River. Starting at the southeast corner of the S. R. 8 bridge over the Kankakee River at the north entrance to Kankakee Fish and Wildlife Area; thence southwest along 10 mile road levee about 3.23 miles to a concrete bridge over a control structure for the Fish and Wildlife Area. Set in the northwest concrete wingwall of the bridge. 9.5 feet north of the centerline of levee road, 0.5 feet east of the west face of the concrete wingwall of the bridge, 0.5 feet west of the east face of the concrete wingwall of the northwest corner of the north concrete guardrail, 2.8 feet below the top of the concrete guardrail. A cut triangle.

### DNR BM STA 20 RESET 2013

In Starke County, English Lake Quad., NW ¼ section 31, T.33 N., R. 3 W., 2<sup>nd</sup> P. M. Set in the Kankakee Fish and Wildlife Area along the Yellow River. Starting at the northwest corner of the S. R. 39 bridge over the Yellow River at the south entrance to Kankakee Fish and Wildlife Area; thence southwest along 10 mile road levee about 4.73 miles to a concrete bridge over a control structure for the Fish and Wildlife Area. Set on the southwest concrete wingwall of the bridge. 12.0 feet south of the centerline of levee road, 0.5 feet east of the west face of the concrete wingwall of the bridge, 0.5 feet west of the east face of the concrete wingwall of the bridge, 2.9 feet southwest of the southwest corner of the south concrete guardrail, 2.8 feet below the top of the concrete guardrail. A standard DNR DOW BM tablet (not stamped).

676.05 feet NAVD 1988 INCORS 2011 Geoid 12A

#### USC&GS BM CRAIG 1952

In Starke County, Bass Lake Quad., in the SW ¼ of Sec. 14, T. 32 N., R. 2 W., 2<sup>nd</sup> P.M.; at the triangular plot of ground at the intersection of U.S. Highway 35 and State Road 10; about 7 miles north of the town of Judson and about 5 miles south of the town of Knox; 232 feet north of the intersection; 62 feet east of the center of highway 35; 42 feet north of power pole 288-575; about same height as ground; a USC&GS BM stamped, "CRAIG 1952".

715.91 feet NGVD 1929 3<sup>rd</sup> Order 715.55 feet NAVD 1988

#### **IDNR TTBM 1 2016**

In Starke County, Bass Lake Quad., in the N ½ of Sec. 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P.M.; at the Bass Lake Public Access Site; about 0.5 miles northwest of the town of Bass Lake along 450 E Road (County Road 210); 0.5 miles east of the intersection of State Road 10 & US Highway 35; 74 feet east from centerline of 450 E Road; 24 feet south from south edge of concrete boat ramp; 0.4 feet above ground; a lag bolt set on north side of 16 inch tree; IDNR TBM 1 2016.

716.21 feet NGVD 1929 3<sup>rd</sup> Order 715.85 feet NAVD 1988

#### **IDNR TTBM 2 2016**

In Starke County, Bass Lake Quad., in the N ½ of Sec. 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P.M.; at the Bass Lake Public Access Site; about 0.5 miles northwest of the town of Bass Lake along 450 E Road (County Road 210); 0.5 miles east of the intersection of State Road 10 & US Highway 35; 49.0 feet east from centerline of 450 E Road; 48.5 feet southeast from center of concrete culvert under 450 E Road; 0.7 feet above ground; lag bolt set on north side of 18 inch tree, IDNR TTBM 2 2016.

716.48 feet NGVD 1929 3<sup>rd</sup> Order 716.12 feet NAVD 1988

# **IDNR TTBM 3 2016**

In Starke County, Bass Lake Quad., in the N½ of Sec. 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P.M.; at the Bass Lake Public Access Site; about 0.5 miles northwest of the town of Bass Lake along 450 E Road (County Road 210); 0.5 miles east of the intersection of State Road 10 & US Highway 35; 24.5 feet east from centerline of 450 E Road; set on north end of the north most round concrete pump station; 0.5 feet south from the north edge; 17.2 feet north – northwest from centerline of sewer / man hole cover; 12.6 feet northwest of northwest of chain link fence post; about same height as ground; a cut triangle, IDNR TTBM 2 2016.

716.59 feet NGVD 1929 3<sup>rd</sup> Order 716.23 feet NAVD 1988

#### IDNR TBM MRSDWN 1 2016

In Starke County, Bass Lake Quad., set in the NE ¼ of section 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P. M. Set on top the left (south) concrete abutment of the outlet structure for Bass Lake. 1.7 feet right of the left end of the abutment, 4.4 feet left of the right end of the abutment, Set on the upstream face of the abutment, Three cut lines forming a square on the upstream edge of the abutment.

714.85 feet NGVD 1929 3<sup>rd</sup> Order 714.49 feet NAVD 1988

#### **IDNR TBM MRSDWN 2 2016**

In Starke County, Bass Lake Quad., set in the NE ¼ of section 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P. M. Set on top the right (north) concrete abutment of the outlet structure for Bass Lake. 2.9 feet right of the left end of the abutment, 1.1 feet left of the right end of the abutment, Set on the upstream face of the abutment, three cut lines forming a square on the upstream edge of the abutment.

714.84 feet NGVD 1929 3<sup>rd</sup> Order 714.48 feet NAVD 1988

#### IDNR Lake Level Monument

In Starke County, Bass Lake Quad., set in the NE ¼ of section 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P. M. Set at the concrete outlet structure Bass Lake. 18 3 feet northwest of left downstream corner of the left concrete abutment of the control structure, 17.2 feet west of right downstream corner of the left concrete abutment of the control structure, 126.6 feet northeast of IDNR TBM 1-10083. A large concrete Bass Lake monument projecting about 2 feet above the ground. A DEPARTMENT Of NATURAL RESOURCES DIVISION of WATER, Bronze Disk on top of the concrete monument.

716.15 feet NGVD 1929 3<sup>rd</sup> Order 715.79 feet NAVD 1988

#### IDNR TBM 1-10083

In Starke County, Bass Lake Quad., set in the NE ¼ of section 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P. M. Set at the 450 East Road Bridge over Cedar Lake Ditch (Outlet channel for Bass Lake). Set on top of the north end of the east concrete headwall of the bridge, 14.2 feet east of the CL pf 450 East Road, about 0.3 feet south of the north end of the headwall, centered on the headwall, a chiseled triangle. 715.62 feet NGVD 1929 3<sup>rd</sup> Order 715.26 feet NAVD 1988

#### **IDNR RP 1 2016**

In Starke County, Bass Lake Quad., set in the NE ¼ of section 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P. M. Set at the Bass Lake Public access parking lot and outlet structure for Bass Lake. Set on the south (Left) end of the old sheet metal retaining wall for the new concrete outlet structure for Bass Lake. 125.11 feet northeast of IDNR TBM – 1-10083, 33.6 feet southeast of the Lake Level Monument, 22.6 feet south of the south end of the left concrete abutment for the outlet structure. An aluminum IDNR cap.

715.27 feet NGVD 1929 3<sup>rd</sup> Order 714.91 feet NAVD 1988

#### **IDNR TBM 1 2016**

In Starke County, Bass Lake Quad., set in the NE ¼ of section 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P. M. Set at the Bass Lake Public access parking lot and outlet structure for Bass Lake. Set on the south side of the parking lot along a wood privacy fence. About 74 feet east of the CL of 450 East Road, About 123.5 feet southerly of the Bass Lake Level Monument, About 123.1 feet southerly of the south of the concrete abutment of the Bass lake Outlet Structure, About 102.6 feet southerly of RP 1 (Al Cap), About 74.7 feet southeast of IDNR TBM 1-10083 (A chiseled Triangle), Set in the north side of a 18 inch tree; A Lag Bolt

716.15 feet NGVD 1929 3<sup>rd</sup> Order 715.79 feet NAVD 1988

#### **IDNR TBM 2 2016**

In Starke County, Bass Lake Quad., set in the NE ¼ of section 23, T. 32 N., R. 2 W., 2<sup>nd</sup> P. M. Set at the Bass Lake Public access parking lot and outlet structure for Bass Lake. Set on the south side of the parking lot along a wood privacy fence. About 49 feet east of the CL of 450 East Road, About 131.8 feet southerly of the Bass Lake Level Monument, About 134.5 feet southerly of the south of the concrete abutment of the Bass lake Outlet Structure About 116.1 feet southerly of RP 1 (Al Cap), About 54.6 feet southeast of IDNR TBM 1-10083 (A chiseled Triangle), Set in the north side of a 18 inch tree; A Lag Bolt

716.48 feet NGVD 1929 3<sup>rd</sup> Order 716.12 feet NAVD 1988