

BUTLER TOWNSHIP T. 33 N. R. 12 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
B-01	27	Std. Disk in top of cnc. Post Q 22	About 4.0 mi. S. along US 27 from RR crossing in Garrett, thence about 0.7 mi. E. along CR 64, thence 0.35 mi. SW along asphalt CR 11A on SE side of RR to mark on right, at site of old New Era RR station, on apparent summit of RR grade, 30.0 ft. SW of C/L of farm track rd., 29.0 ft SE of SE rail, 39.0 ft. NW of C/L of 18.0 ft. asphalt CR, 1.4 ft higher than same, 26.0 ft. N of the projected line of a fence from the E., 1.6 ft. SW of steel witness post. and projecting 1.0 ft. above ground. **DEC. 1964 ISH REPORT-BM located in Section 27, Butler Twp., 0.2 mi. NE from crossroads of CR 11A & CR 66, along CR 11A, about 33 ft. NW of C/L, **Note BM leaning 1-29-2008 State Hwy.	858.125 ft	NGVD 1929		USGS
B-02	34	Std. Disk in top of cnc. Post R 22	About 5.3 mi. S. along US 27 from RR crossing in Garrett, at crossing of Hwy & Ft Wayne branch of NY Central RR, 51.0 ft. E of C/L or 24.0 ft. asphalt Hwy pavement, 48.0 ft. NE of a power pole, 45.2 ft. SE of SE rail 0.5 ft. higher than top of same, 45.0 ft. NE of fence cor., 2.0 ft. NW of fence line, 1.5 ft. NE of steel witness post and projecting 0.6 ft. above ground. **DEC. 1964 ISH REPORT - (1.5 mi. NE of old location) Located in Section 34, Butler Twp DeKalb Co. 51.0 ft. NE of US 27, just S of RR Crossing, and 45.0 ft. SE of S. rail	848.820 ft	NGVD 1929		USGS
B-03	34	RR SPK / TAG IDNR TBM LC 1 1991	In DeKalb County, Garrett Quad, in the SW1/4 of Section 34, T 33 N, R 12 E, 2nd P.M.; about 5.5 miles south of Garrett; at the 3 way intersection of State Road 327, County Road 11A, and the DeKalb/Allen County Line Road, in the NE 1/4 of the intersection of State Road 327 and County Line Road; set in the west side of power pole no. NOBLE CO. 08260, 111.5 feet east of the centerline of State Road 327, 62.3 feet NE of a natural gas control valve, 54.0 feet SE of a power pole, 17.0 feet north of the centerline of County Line Road, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "LC 1 1991". 3rd Order	849.459 ft	NGVD 1929		IDNR
B-04	34	RR SPK / TAG	A RR spike through aluminum tag in PWP on CR 11A approximately 0.04 mi NE of SR 327	845.922 ft	NGVD 1929		IDNR
B-05	34	Std. IDNR BM	A Std IDNR BM set in cnc. Post on CR 11A approx. 1700 ft SW of CR 68	847.623 ft	NGVD 1929		IDNR
B-06	33 & 34	Chiseled Triangle	A chiseled triangle in NW Cor of CR 68 bridge over Frank Yarde Drain (Little Cedar Creek)	830.406 ft	NGVD 1929		Unknown
B-07	27	RR SPK / TAG	A RR spike through aluminum tag with PWP @ East cor of CR 9A bridge over Frank Yarde Drain (Little Cedar Creek)	829.802 ft	NGVD 1929		IDNR
B-08	27	Std. SHCI BM	A Std SHCI BM set in SE wingwall of SR 327 bridge over Frank Yarde Drain (Little Cedar Creek)	837.316 ft	NGVD 1929		SHCI
B-09	28	Chiseled Triangle	A chiseled triangle in NE cor of CR 64 bridge over Frank Yarde Drain (Little Cedar Creek)	836.809 ft	NGVD 1929		Unknown

B-10	21	RR SPK / TAG	A RR spike through aluminum tag in PWP near entrance of Indian Springs Campground on CR 64.	839.676 ft	NGVD 1929		IDNR
B-11	21	RR SPK / TAG	A RR spike through aluminum tag in W. side of PWP no. D418-76 on CR 7A	858.311 ft	NGVD 1929		IDNR
B-12	21	Chiseled Triangle	A chiseled triangle near west curbing of CR 7A bridge over Frank Yarde Drain (Little Cedar Creek)	849.148 ft	NGVD 1929		Unknown
B-13	20	Std. Tablet	A Std tablet set in most westerly cor of SR 205 bridge over Frank Yarde Drain (Little Cedar Creek)	853.458 ft	NGVD 1929		Unknown
B-14	13	Bronze Disk F 26	State Hwy Disk F-26 in parapet wall in NW cor of southbound lane bridge of I-69 over Cedar Creek.	905.243 ft	NGVD 1929		INDOT
B-15	28	Unstamped Disk	Unstamped disk set in the top of a benchmark post northwest of a bridge over Black Creek 0.5 miles West of SR 327 on CR 9 West	840.570 ft	NAVD 88	lat: 41° 16' 54.01" N long: 85° 08' 43.47" W	INDOT
B-16	34	RR SPK / TAG IDNR TBM LC 1 1991	In DeKalb County, Garrett Quad, in the SW 1/4 of Section 34, T. 33 N, R. 12 E., 2nd P.M.; about 5.5 miles south of Garrett; at the 3 way intersection of State Road 327, County Road 11A, and the DeKalb/Allen County Line Road, in the northeast 1/4 of the intersection of State Road 327 and County Line Road; set in the west side of a power pole no. NOBLE CO. 08260, 111.5 feet east of the centerline of State Road 327, 62.3 feet northeast of a natural gas control valve, 54.0 feet southeast of a power pole, 17.0 feet north of the centerline of County Line Road, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "LC 1 1991". 3rd Order	849.459 ft	NGVD 1929		IDNR
B-17	34	Std. Tablet INDOT BM F 54 DEK	In DeKalb County, Garrett Quad, in the SW ¼ of Section 34, T. 33 N., R. 12 E., 2nd P.M.; about 5.2 miles south of Garrett; at the State Road 327 bridge over Little Cedar Creek; set in the top of the south end of the east concrete guardrail, 21.5 feet east of the centerline of State Road 327, 1.5 feet north of the south end of the east guardrail, 0.3 foot west of the east edge of the guardrail, about 2.7 feet above the ground; an Indiana Department of Transportation benchmark tablet, stamped “F 54 DEK”. 3rd Order	826.594 ft	NGVD 1929		INDOT
B-18	34	RR SPK / TAG IDNR TBM LC 2 1991	In DeKalb County, Garrett Quad, in the SW ¼ of Section 34, T. 33 N., R. 12 E., 2nd P.M.; about 5.1 miles south of Garrett; approximately 0.4 mile northeast along County Road 11A from the 3 way intersection of State Road 327, County Road 11A, and the DeKalb/Allen County Line Road, to residence mailbox no. 7154 on the northwest side of County Road 11A; set in the southeast side of power pole no. L7/256, 50.2 feet northeast of mail box no. 7154, 27.3 feet northwest of the centerline of County Road 11A, 63.3 feet southwest of a power pole, 76 feet east of the east corner of a tan house, about 0.8 foot above the ground; a railroad spike driven through an aluminum tag, stamped "LC 2 1991". 3rd Order	845.922 ft	NGVD 1929		IDNR
B-19	34	RR SPK / TAG	In DeKalb County, Garrett Quad, in the NW ¼ of Sec. 34, T. 33 N., R. 12 E., 2nd P.M.;	838.823 ft	NGVD 1929		IDNR

		Unstamped IDNR TBM L. Cedar 6 1996	about 4.5 miles south of Garrett; From the intersection of SR 327 and CR 68 proceed east along CR 68 about 0.2 miles east to residence with mail box no. 1296. Set in the north side of a power pole. 101.0 feet west of the centerline gravel drive for residence no. 1296, 55.0 feet east of the centerline of an old railroad, 17.0 feet south of the centerline of CR 68, about 1.9 feet above the ground; a railroad spike driven through an aluminum tag, unstamped. 3rd Order				
B-20	27	Chiseled Triangle IDNR TBM L Cedar 5 1996	In DeKalb County, Garrett Quad, in the SW ¼ of Section 27, T. 33 N., R. 12 E., 2nd P.M.; about 4.2 miles south of Garrett; at the County Road 9A bridge over Little Cedar Creek, at the southwest corner of the bridge; set on the top of the concrete guardrail, 51.0 feet northeast of a gravel drive, 18.5 feet southeast of the centerline of County Road 9A, 1.1 feet northeast of the southwest face of the guardrail, 2.8 feet above the road; a chiseled triangle. 3rd Order	835.589 ft	NGVD 1929		IDNR
B-21	28	Std. Tablet INDOT BM F 13 DEKA	In DeKalb County, Garrett Quad, in the SE ¼ of Section 28, T. 33 N., R. 12 E., 2nd P.M.; about 4.0 miles south of Garrett; at the State Road 327 bridge over Black Creek, at the southwest corner of the bridge; set on the top of the concrete guardrail, 88.6 feet north of a “DO NOT PASS” sign post, 66.0 feet south of the centerline of Black Creek, 20.0 feet west of the centerline of State Road 327, about 4.0 feet above the road; a State Highway Commission of Indiana benchmark tablet, stamped “F 13 DEKA”. 3rd Order	839.989 ft	NGVD 1929		INDOT
B-22	28	Boat SPK IDNR TBM L. Cedar 4 1996	In DeKalb County, Garrett Quad, in the NE ¼ of Section 28, T. 33 N., R. 12 E., 2nd P.M.; about 3.8 miles south of Garrett; at the State Road 327 bridge over Little Cedar Creek; set in the east side of I & ME power pole no. D439-48, approximately 300.0 feet south of the bridge, 42.0 feet west of the centerline of State Road 327, 11.5 feet west of a wire fence, 0.5 foot above the ground; a boat spike. 3rd Order	840.207 ft	NGVD 1929		IDNR
B-23	28	2 Filed Notches IDNR TBM L. Cedar 3 1996	In DeKalb County, Garrett Quad, in the NE ¼ of Section 28, T. 33 N., R. 12 E., 2nd P.M.; about 3.6 miles south of Garrett; at the County Road 64 bridge over Little Cedar Creek, at the south east corner of bridge; set on the top of the southeast most “I” beam, 34.0 feet east of the east end of the bridge, 30.3 feet south of I & ME power pole no. D418-59, 13.0 feet south of the centerline of County Road 64, 0.6 foot above the road; the center of two filed notches. 3rd Order	837.176 ft	NGVD 1929		IDNR
B-24	21	Chiseled Triangle IDNR TBM LC 5 1991	In DeKalb County, Garrett Quad, in the SE ¼ of Section 21, T. 33 N., R. 12 E., 2nd P.M.; about 3.6 miles south of Garrett; at the County Road 64 bridge over Little Cedar Creek; set in the top of the northeast abutment of bridge, 56.5 feet southwest of power pole no. D418-59, 11.8 feet north of the centerline of County Road 64, 0.6 foot southeast of the northwest corner of the northeast abutment, about level with the road; a chiseled triangle. 3rd Order	836.809 ft	NGVD 1929		IDNR

B-25	28	RR SPK / TAG IDNR TBM LC 6 1991	In DeKalb County, Garrett Quad, in the NW ¼ of Section 28, T. 33 N., R. 12 E., 2nd P.M.; about 3.6 miles south of Garrett; about 0.5 mile west along County Road 64 from its intersection with State Road 327 to an entrance road leading to the “INDIAN SPRINGS CAMPGROUND”; set in the north side of power pole no. D 439 5, 131.4 feet southeast of the south post of the Indian Springs sign, ± 80 feet east of the extended centerline of Indian Springs Drive, 51.5 feet southeast of a 6-inch by 6-inch telephone pedestal, 22.0 feet south of the centerline of County Road 64, about 0.9 foot above the ground; a railroad spike driven through an aluminum tag, stamped “IDNR TBM LC 6 1991”. 3rd Order	839.676 ft	NGVD 1929	IDNR
B-26	21	RR SPK / TAG IDNR TBM L. Cedar 2 1996	In DeKalb County, Garrett Quad, in the SW ¼ of Section 21, T. 33 N., R. 12 E., 2nd P.M.; about 3.6 miles south of Garrett; about 0.5 mile west along County Road 64 from its intersection with State Road 327 to an entrance road leading to the “INDIAN SPRINGS CAMPGROUND”, thence north along campground road about 700.0 feet to a bridge over Little Cedar Creek; set in the north side of I & ME power pole no. D418-63, 32.8 feet south of the east iron guardrail of the bridge, 12.5 feet east of the centerline of the campground road, 2.5 feet east of a guy wire, 1.7 feet above the ground; a railroad spike driven through an aluminum tag, unstamped. 3rd Order	840.338 ft	NGVD 1929	IDNR
B-27	21	RR SPK / TAG IDNR TBM LC 10 1991	In DeKalb County, Garrett Quad, in the SW ¼ of Section 21, T. 33 N., R. 12 E., 2nd P.M.; about 3.3 miles southwest of Garrett; at the intersection of County Road 9A and County Road 62; set in the east side of I & ME power pole no. D 418-76, 115.0 feet south of the centerline of County Road 62, 18.0 feet west of the centerline of County Road 9A, 2.0 feet above the ground; a railroad spike driven through an aluminum tag, unstamped. 3rd Order	858.311 ft	NGVD 1929	IDNR
B-28	21	Chiseled Triangle IDNR TBM 1991 L. Cedar 1 1996	In DeKalb County, Garrett Quad, in the NW ¼ of Section 21, T. 33 N., R. 12 E., 2nd P.M.; about 3.0 miles southwest of Garrett; at the County Road 9A bridge over Little Cedar Creek; set in the top near the center of the west concrete curbing of the bridge, 99.0 feet north of the centerline of a gravel drive to the west, 28.0 feet north of the south face of the west guardrail, 26.9 feet south of the north face of the west guardrail, 12.0 feet west of the centerline of County Road 9A, 0.6 foot above the road; a chiseled triangle. **Note: Mark was also called L. CEDAR 1 1996 3rd Order	849.148 ft	NGVD 1929	IDNR
B-29	20	RR SPK / TAG IDNR TBM LC 12 1991	In DeKalb County, Garrett Quad, in the NE ¼ of Section 20, T. 33 N., R. 12 E., 2nd P.M.; About 3.0 miles southwest of Garrett; at the intersection of State Road 205 and County Road 60; set in the west side of utility pole no. 17/43 3F20, 75.0 feet west of the centerline intersection of State Road 205 and County Road 60, 17.0 feet south of the centerline of County Road 60, across the road from the W. Lung residence, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, not stamped. 3rd Order	857.226 ft	NGVD 1929	IDNR
B-30	19	RR SPK / TAG	In DeKalb County, Garrett Quad, in the NE ¼ of Section 19, T. 33 N., R. 12 E., 2nd P.M.;	862.975 ft	NGVD 1929	IDNR

		IDNR TBM LC 13 1991	About 3.9 miles southwest of Garrett; at the intersection of State Road 205 and County Road 3; set in the northwest side of utility pole no. L7/60, 40.0 feet southeast of the centerline of State Road 205, 19.0 feet west of the centerline of County Road 3, about 2.0 feet above the ground; a railroad spike driven through an aluminum tag, not stamped. 3rd Order				
B-31	31	BM Tablet INDOT BM F 40 DEK	In DeKalb County, Garrett Quad, in the NW ¼ of Section 31, T. 33 N., R. 12 E., 2nd P.M.; about 1.0 mile south of LaOtto; at the new State Road 3 bridge over Black Creek; set in the top of the southwest concrete retaining wall of the south bound lanes, 24.0 feet west of the centerline of the south bound lane, 7.0 feet north of the south end of the retaining wall, about level with State Road 3; an Indiana Department of Highways benchmark tablet, stamped “F 40 DEK”. 3rd Order	855.056 ft	NGVD 1929		INDOT
B-32	32	Chiseled Triangle IDNR TBM Black 1 1992	In DeKalb County, Garrett Quad, in the NW ¼ of Section 32, T. 33 N., R. 12 E., 2nd P.M.; about 1.8 miles southeast of LaOtto; at the County Road 5 concrete bridge over Black Creek; set in top of the northwest bridge seat, 14.0 feet west of the centerline of County Road 5, 3.3 feet south of the north end of the bridge, 2.0 feet below the road; a chiseled triangle. 3rd Order	841.920 ft	NGVD 1929		IDNR
B-33	29	RR SPK / TAG IDNR TBM Black 2 1992	In DeKalb County, Garrett Quad, in the SE ¼ of Section 29, T. 33 N., R. 12 E., 2nd P.M.; about 2.0 miles southeast of LaOtto; at the County Road 68 CMP over Black Creek; set in the south side of power pole no. 190/44, near the northwest corner of the CMP and C.R. 68, 33.0 feet west of the centerline of the culvert, 14.0 feet north of the centerline of County Road 68, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamping unknown. 3rd Order	841.621 ft	NGVD 1929		IDNR
B-34	28	RR SPK / TAG IDNR TBM Black 3 1992	In DeKalb County, Garrett Quad, in the SE ¼ of Section 28, T. 33 N., R. 12 E., 2nd P.M.; about 2.8 miles southeast of LaOtto; at the County Road 9 twin CMP culverts over Black Creek; set near the southeast corner of the CMP’S, in the west side of power pole no. D439/156, 23.0 feet east of the centerline of C.R. 9, 20.0 feet south of the centerline of both culverts, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamping unknown. 3rd Order	840.241 ft	NGVD 1929		IDNR
B-35	28	Chiseled Triangle IDNR TBM Black 4 1992	In DeKalb County, Garrett Quad, in the SE ¼ of Section 28, T. 33 N., R. 12 E., 2nd P.M.; about 3.0 miles southeast of LaOtto; at the County Road 7A concrete bridge over Black Creek; set in top of the northeast wingwall of the bridge, 12.5 feet northeast of the centerline of County Road 7A, 6.8 feet southwest of the northeast end of the wingwall, about level with the road; a chiseled triangle. 3rd Order	836.066 ft	NGVD 1929		IDNR
B-36	36	RR SPK / TAG IDNR TBM Dek 2 1999	In DeKalb County, Auburn Quad, in the NE 1/4 of Section 36, T 33 N, R 12 E, 2nd P.M.; approximately 6.0 miles south of Auburn; at the intersection of Tonkle Road and County Road 68, in the SW1/4 of the intersection; set in the east side of power pole no. D 463/3,	876.022 ft	NAVD 1988		IDNR

			46.4 feet south of the centerline of County Road 68, 50.4 feet SW of a telephone pedestal, 43.3 feet north of the NW corner of a while barn, 37.9 feet west of power pole no. D 463/18, 1.8 feet above the ground; a railroad spike driven through an aluminum tag, stamped "DEK 2 1999" 2nd Order			
B-37	24	RR SPK / TAG IDNR TBM Dek 3 1999	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 24, T 33 N, R 12 E, 2nd P.M.; approximately 5.0 miles south of Auburn; at the intersection of Tonkle Road and County Road 64, in the SW1/4 of the intersection; set in the east side of power pole no. D 442/1, 50.2 feet west of the centerline of Tonkle Road, 20.6 feet south of the extended centerline of County Road 64, 20.6 feet south of a concrete r/w post, 31.6 feet SW of the south most "arrow" sign post, 1.7 feet about the ground; a railroad spike driven through an aluminum tag, stamped "DEK 3 1999" 2nd Order	876.112 ft	NAVD 1988	IDNR
B-38	33	Chiseled Triangle IDNR TBM Cedar 10 1991	In DeKalb County, Garrett Quad, in the SE 1/4 of Section 33, T 33 N, R 12 E, 2nd P.M.; approximately 7.5 miles SW of Auburn; at the DeKalb/Allen County Line Road bridge over Cedar Creek; set on top of the west end of the north concrete guardrail, 11.2 feet north of the centerline of County Line Road, 1.8 feet east of the west end of the concrete guardrail, 3.4 feet above the ground; a chiseled triangle 3rd Order	824.538 ft	NGVD 1929	IDNR
B-39	26	Chiseled Triangle IDNR TBM Cedar 2 1991 HW CC 8 1982	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 26, T 33 N, R 12 E, 2nd P.M.; approximately 5.5 miles SW of Auburn; at the County Road 68 bridge over Cedar Creek; set in the NE bridge seat, 14.5 feet north of the centerline of County Road 68, 3.5 feet west of the east end of the bridge, 3.7 feet below the road; a chiseled triangle 3rd Order	823.516 ft	NGVD 1929	IDNR
B-40	25	RR SPK NO TAG IDNR TBM Cedar 1 1991	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 25, T 33 N, R 12 E, 2nd P.M.; approximately 5.5 miles SW of Auburn; at the intersection of County Road 68 and County Road 19, in the NE1/4 of the intersection; set in the NE side of pwr pole no. 18347, 59.0 feet east of the centerline of County Road 19, 19.0 feet north of the centerline of County Road 68; about 1.0 foot above the ground; a railroad spike **Note: no tag 3rd Order	848.038 ft	NGVD 1929	IDNR
B-41	26	RR SPK / TAG IDNR TBM HW CC 7 1982	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 26, T 33 N, R 12 E, 2nd P.M.; approximately 5.5 miles SW of Auburn; at the intersection of County Road 68 and County Road 19, in the NW1/4 of the intersection; set in the south side of a utility pole, 44.8 feet north of the centerline of County Road 68, 17.0 feet west of the centerline of County Road 19, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "HW CC 7 1982" 3rd Order	846.498 ft	NGVD 1929	IDNR
B-42	26	Chiseled Triangle IDNR TBM Cedar 3 1991	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 26, T 33 N, R 12 E, 2nd P.M.; approximately 5.0 miles SW of Auburn; at the County Road 66 bridge over Cedar Creek; set in the SE corner of bridge, 12.0 feet south of the centerline of County Road 66, 1.0 foot west of the east end of the bridge, level with the bridge surface;	829.993 ft	NGVD 1929	IDNR

			a chiseled triangle. 3rd Order					
B-43	13	Chiseled Triangle IDNR TBM Cedar 7 1996	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 13, T 33 N, R 12 E, 2nd P.M.; approximately 4.5 miles SW of Auburn; at the County Road 60 bridge over Cedar Creek; set on top of the east end of the north concrete guardrail of the bridge, 16.5 feet north of the centerline of County Road 60, 9.4 feet west of the east face of the concrete guardrail, 2.89 feet above the fridge floor; a chiseled triangle. 3rd Order	839.716 ft	NGVD 1929			IDNR
B-44	13	RR SPK NO TAG IDNR TBM Cedar 4 1991	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 13, T 33 N, R 12 E, 2nd P.M.; approximately 4.5 miles SW of Auburn; at the County Road 60 bridge over Cedar Creek; set in the west side of a 24 inch Hackberry, 135.0 feet east of the east end of the bridge, 27.0 feet north of the centerline of County Road 60, 1.2 feet above the ground; a railroad spike **Note: no tag 3rd Order	839.936 ft	NGVD 1929			IDNR
B-45	13	INDOT BM tablet IDNR TBM F 16 DeKalb Cedar 5 1991	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 13, T 33 N, R 12 E, 2nd P.M.; approximately 4.0 miles SW of Auburn; at the south bound I-69 bridge over Cedar Creek; set in top of the curbing at the SW corner of the bridge, 20.0 feet north of the south end of the south bound bridge, 16.5 feet west of the centerline of the south bound lines of I-69, 0.7 foot above the ground; a State Highway Commission of Indiana bench mark tablet, stamped "F 16 DEKALB". 3rd Order	844.341 ft	NGVD 1929			IDNR
B-46	13	Chiseled Triangle IDNR TBM HW CC 11 1983	In DeKalb County, Auburn Quad, in the NE 1/4 of Section 13, T 33 N, R 12 E, 2nd P.M.; approximately 3.3 miles SW of Auburn; at the Tonkle Road (State Road 427) bridge over Cedar Creek; set at NW corner of the bridge, 21.3 feet west of the centerline of Tonkle Road, 0.8 foot south of the north end of the bridge abutment, about level with the road, a chiseled triangle. 3rd Order	844.747 ft	NGVD 1929			IDNR

CONCORD TWP

T. 33 N. R. 14 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
C-01	22	Std. Disk in top of culvert Headwall B 199	About 0.3 mi. W. & 0.2 mi. S. along SR 1 from main cor. At post office in St. Joe, about 150 yds. WSW of SW cor. Of now elementary school, an estimated 150 yds. W. of N. cor of new Riverdale High School, 18.0 ft. S. of C/L of a st., 17.0 ft. E. of C/L of 20.0 ft. asphalt hwy. pavement, 0.3 ft. higher than same, in NW corner of an L-shaped headwall of a 12 in. culvert.	825.116 ft	NGVD 1929		USGS

C-02	15	Std. Disk in top of bridge Wingwall A 199	About 0.6 mi. NE along SR 1 from main cor. At post office in St. Joe, about 0.2 mi. W. of a turn in HWY. w/ tangents N. & W., in top of SE wingwall of a 48 ft. cnc. Bridge, 13.0 ft. S. of C/L of HWY., 0.3 ft. higher than same, and 1.0 ft. S. of the banister wall.	799.887 ft	NGVD 1929	USGS
C-03	11	Std. Disk in top of culvert Headwall Z 198	About 1.6 mi. NE along SR 1 from main cor. At post office in St. Joe, at paved crossroads, 176.0 ft. E. of C/L of HWY., 9.5 ft. S. of C/L of 18.0 ft. asphalt pavement, 0.7 ft. higher than same, 1.0 ft. E. of W. end of S. curb or headwall of a 12.0 ft. cnc. Box culvert.	812.646 ft	NGVD 1929	USGS
C-04	11	Std. Disk in top of cnc. Post Y 198	About 2.6 mi. NE along SR 1 from main cor. At post office in St. Joe, at a gravel cross rd., 68.0 ft. E. of C/L of 20.0 ft. HWY. pavement, 68.0 ft. SE & across rd. from power pole, 17.0 ft. S. of C/L of graveled CR 52, 1.9 ft. lower than same, 1.0 ft. N. of fence, & 1.7 ft. W. of steel witness post, the mark projects 0.3 ft. above ground.	833.686 ft	NGVD 1929	USGS
C-05	3	Std. Disk in top of bridge curb X 198	About 3.6 mi. NE along SR 1 from main cor. At post office in St. Joe, 18.0 ft. W. of C/L of HWY., 0.3 ft. higher than same, 3.0 ft. S. of N. end of W. curb 30.0 ft. cnc. Bridge, the widened additions of which are supported on creosoted wooden pilings.	823.820 ft	NGVD 1929	USGS
C-06	16	Std. Disk in top of cnc. Post N 198	About 0.25 mi. W. along SR 1 (the main st.) from post office in St. Joe, thence 0.25 mi. N. along CR 59, thence 0.8 mi. W'ly along CR 58 to crossing of B&O RR & mark on left, or from Concord go 1.0 mi. E., thence 0.5 mi. S., thence 0.25 mi. E. to mark, 266.0 ft. SE of SE rail of Wabash Railway, 38.2 ft. SW rail of double tracks of B&O RR, 2.7 ft. lower than top of same, 36.0 ft. E. of C/L of driveway, 1.0 ft. NE of r/o/w fence, & projecting 0.3 ft. above ground. ** Note: Mark reset	835.963 ft	NGVD 1929	USGS
C-07	15	Std. Disk in top of bridge Wingwall P 198	About 0.25 mi. W. along SR 1 (the main st.)from post office in St. Joe, thence 0.25 mi. N. along asphalt CR 59 to a 52.0 ft. steel bridge over Bear Creek & mark on right, 12.5 ft. E. of C/L of rd., 1.1 ft. lower than same, about on C/L of wingwall, & 1.6 ft. NW of SE end of stone masonry wall, cemented in a drill hole in same.	807.377 ft	NGVD 1929	USGS
C-08	8	Std. Disk in top of cnc. Post M 198	About 0.7 mi. E. along asphalt CR 56 from its skewed "T" intersection w/ CR 51 at Concord RR crossing, about 25 yds. E. of crest of ridge, 63.0 ft. E. of C/L of place entrance driveway, 53.0 ft. E. of fence cor., 20.0 ft. N. of C/l of rd., 1.0 ft. above level of same, 5.5 ft. W. of steel witness post, & projecting 0.1 ft. above ground.	829.244 ft	NGVD 1929	USGS
C-09	7	Std. Disk in top of bridge Headwall J 198	About 0.3 mi. N. along asphalt CR 51 from its crossing of B&O RR at Concord, 11.5 ft. W. of C/L of rd., about level w/ same, 0.6 ft. N. of S. end of curb or headwall of 16.0 ft. cnc. bridge, & 0.5 ft. S. of S. end of pipe railing of bridge.	829.509 ft	NGVD 1929	USGS
C-10	1	Std. Disk in SW Wingwall F 50	About 0.6 mi. E. of SR 101 on SR 8., Sec 1 T33N. R 14 E. on SW wingwall of structure no. 8-17-72-62 over Dredge ditch. Indot 4-11-2005	817.41 ft	NGVD 1929	INDOT
C-11	13	Chiseled Square IDNR TBM	In DeKalb County, Hicksville Quad., in the NW 1/4 of Section 13, T. 33 N., R. 14 E., 2nd PM.; approximately 2.0 miles southwest of Newville; at the State Road 101	812.220 ft	NGVD 1929	IDNR

		SJSR 101 1999	bridge over the St. Joseph River; set in the top of the north end of the west concrete guardrail of the bridge; 19.5 feet west of the centerline of State Road 101, 2.2 feet southwest corner of the first "I" beam support post of the aluminum guard rail, north of the north end of the west concrete guardrail, 0.8 foot above the road, 0.15 foot northeast of the southwest face of the concrete guardrail; a chiseled square. 3rd Order				
C-12	33	Chiseled Square IDNR TBM SJ13 1955	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Sec. 33, T. 33 N., R. 14 E., 2nd P.M.; about 0.5 mile east of Spencerville: about 0.5 mile east along a paved road from the U.S. Post Office at Spencerville; at the covered bridge over the St. Joseph River; set near the southwest corner of the bridge, in the top of the west end of the south concrete retaining side wall of the west concrete approach, 55.0 feet west of the west end of the covered part of the bridge, 8.5 feet south of the centerline of the road, about 1.5 feet above the road; a chiseled square. 2nd Order	800.595 ft	NGVD 1929		IDNR
C-13	33	BM Tablet USC&GS BM A 201 1946	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Sec. 33, T. 33 N., R. 14 E., 2nd P.M.; about 0.5 mile east of Spencerville; about 0.5 mile east along a paved road from the U.S. Post Office at Spencerville; at the covered bridge over the St. Joseph River; set near the northwest corner of the bridge, in the top of the west end of the north concrete retaining side wall of the west concrete approach, 55.0 feet west of the west end of the covered part of the bridge, 8.5 feet south of the centerline of the road, about 1.5 feet above the road; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "A 201 1946". 2nd Order	800.579 ft	NGVD 1929		USC&GS
C-14	28	BM Tablet USC&GS BM E 199 1946	In DeKalb County, Saint Joe Quad., in the SW 1/4 of Sec. 28, T. 33 N., R. 14 E., 2nd P.M.; about 0.1 mile northeast of Spencerville; about 0.4 mile northeast along State Road 1 from the U.S. Post Office at Spencerville, at a 18 inch pipe culvert under State Road 1; set in top of the northeast end of the northwest concrete headwall, about 100 yards southwest of the junction of a black top road leading south, 0.1 mile northeast of the Spencerville City Limits sign, 20.5 feet northwest of and about 3.0 feet below the centerline of State Road 1; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "E 199 1946" 2nd Order	817.328 ft	NGVD 1929		USC&GS
C-15	28	BM Tablet USC&GS BM D 199 1946	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Sec. 28, T. 33 N., R. 14 E., 2nd P.M.; about 1.4 miles northeast of Spencerville; about 1.4 miles northeast along State Road 1 from the U.S. Post Office at Spencerville, to a gravel road crossing; set in the top of the northeast corner of a "L" shaped concrete headwall of a pipe culvert under the gravel road, about 400.0 feet south of a 15.0 foot concrete bridge, 28.0 feet south of the centerline of the gravel road, 16.0 feet west of the centerline of State Road 1, about 1.0 foot above the highway; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "D 199 1946". 2nd Order	810.612 ft	NGVD 1929		USC&GS
C-16	14	BM Disk INDOT	In DeKalb County, Saint Joe Quad., in the SW 1/4 of Sec. 14, T. 33 N., R. 14 E., 2nd P.M.; approximately 1.0 miles east of Saint joe; at the County Road 60 bridge over the	808.820 ft	NGVD 1929		INDOT

		F 43 DEK	St. Joseph River; set in the top of the northeast concrete bridge abutment, 26.2 feet west of the east end of the north concrete guardrail of the bridge, 20.2 feet north of the centerline of the bridge, 5.0 feet west of the west side of the expansion joint of the bridge, 0.8 feet east of the west face of the bridge abutment, 0.65 foot north of the north face of the concrete guardrail of the bridge, about level with the road; a Indiana Department of Transportation bench mark disk, stamped "F 43 DEK". 3rd Order				
C-17	22	BM Tablet USC&GS BM B 199 1946	In DeKalb County, Saint Joe Quad., in the NW 1/4 of Sec. 22, T. 33 N., R. 14 E., 2nd P.M.; at St. Joe; about 0.5 mile southwest along State Road 1 from the U.S. Post Office at St. Joe, to a street crossing (black top leading west and gravel leading east), at a 16 inch pipe culvert under the street; set in the top of the northwest corner of the "L" shaped headwall of the culvert, about 150 yards southwest of the southwest corner of the Concord Township High School, 18.0 feet south of the centerline of the street leading east to the school, 17.0 feet east of the centerline of State Road 1, 11.0 feet north of the "CITY LIMITS" sign post, about 0.3 foot above the highway; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "B 199 1946". 2nd Order	825.116 ft	NGVD 1929		USC&GS
C-18	15	BM Tablet USC&GS BM A 199 1946	In DeKalb County, Saint Joe Quad., in the SE 1/4 of Sec. 15, T. 33 N., R. 14 E., 2nd P.M.; at St. Joe; about 0.6 mile northeast along State Road 1 from the U.S. Post Office at St. Joe, at a 48.0 foot concrete bridge; set in the top of the southwest wingwall of the bridge, about 30 yards southwest of the east "CITY LIMITS" sign for St.Joe, 12.5 feet south of the centerline of the highway, 1.0 foot south of the concrete banister, about level with the highway; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "A 199 1946". 2nd Order	799.887 ft	NGVD 1929		USC&GS
C-19	23	BM Tablet IFC&WRC BM DEK 2 1955	In DeKalb County, Saint Joe Quad., in the NW 1/4 of Sec. 23, T. 33 N., R. 14 E., 2nd P.M.; about 1.2 niles east of St. Joe; about 0.85 mile northeast along State Road 1 from the U.S. Post Office at St. Joe to a road south, thence 0.3 miles south to a steel truss bridge over the St, Joseph River; set in the top of the east end of the north bridge seat, 11.0 feet east of the centerline of the road, about 1.5 ft below the road, 1.3 ft north of the south face of the north abutment, a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "DEK 2 1955". 2nd Order	803.214 ft	NGVD 1929		IFC&WRC
C-20	14	RR SPK IFC&WRC BM SJ 115 1955	In DeKalb County, Hicksville Quad., in the SE 1/4 of Sec. 14, T. 33 N., R. 14 E., 2nd P.M.; about 2.75 miles southwest of Newville; about 0.35 mile southwest along a road from its "T" road intersection with State Road 101 at the Alton Cemetery; set in power pole no. D 411-81, on the east side of a drive to a residence, about 180.0 feet south of a large red barn on the north side of the road, 27.0 feet south of the centerline of the road; a railroad spike. 2nd Order	812.577 ft	NGVD 1929		IFC&WRC
C-21	14	BM Tablet USC&GS BM Z 198 1946	In DeKalb County, Saint Joe Quad., in the NW 1/4 of Sec. 14, T. 33 N., R. 14 E., 2nd P.M.; about 1.4 miles northeast of St. Joe; about 1.6 miles northeast along State Road 1 from the U.S. Post Office in St. Joe; to a black top road crossing, at a 12.0 foot concrete	812.646 ft	NGVD 1929		USC&GS

			culvert with pipe railings under the asphalt road over Hindman Ditch; set in the top of the west end of the south concrete headwall. 176.0 feet east of the centerline of State Road 1, 9.5 feet south of the centerline of asphalt road, about 1.5 foot above the road; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "Z 198 1946". 2nd Order				
C-22	14	BM Tablet IFC&WRC BM DEK 3 1955	In DeKalb County, Hicksville Quad., in the NE 1/4 of Sec. 14, T. 33 N., R. 14 E., 2nd P.M.; about 2.2 miles southwest of Newville; at the old State Road 101 bridge over the St. Joseph River; set on the top of the north end of the west abutment of the bridge, 11.0 feet north of the centerline of old State Road 101, 1.0 foot west of the east face of the west abutment, about 0.1 foot above the highway; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "DEK 3 1955". 2nd Order	805.780 ft	NGVD 1929		IFC&WRC
C-23	12	BM Tablet IFC&WRC BM DEK 4 1955	In DeKalb County, Hicksville Quad., in the SW 1/4 of Sec. 12, T. 33 N., R. 14 E., 2nd P.M.; at Orangeville; about 1.1 miles southwest along a black top road from its intersection with State Road 8 at Newville, at a four foot box culvert; set in the top of and at the center of the northwest headwall of the culvert, 11.5 feet northwest of the centerline of the road, 0.5 foot southeast of the northwest face of the culvert, about 0.3 foot below the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "DEK 4 1955". 2nd Order	804.514 ft	NGVD 1929		IFC&WRC
C-24	12	RR SPK IFC&WRC TBM SJ 117 1955	In DeKalb County, Hicksville Quad., in the NE 1/4 of Sec. 12, T. 33 N., R. 14 E., 2nd P.M.; about 0.6 mile southwest of Newville; about 0.6 mile southwest along a black top road from its intersection with State Road 8 in Newville, about 0.1 mile south of a lone farm residence; set in the west side of an unmarked telephone pole, the first pole north of pole no. T 32-230, 25.0 feet east of the centerline of the road; a railroad spike. 2nd Order	821.014 ft	NGVD 1929		IFC&WRC
C-25	32	BM Tablet Not Stamped ISCH BM	In DeKalb County, Saint Joe Quad., in the SW 1/4 of Sec. 32, T. 33 N., R. 14 E., 2nd P.M.; about 1.4 miles southwest of Spencerville; in the northwest 1/4 of the intersection of State Road 1 and the DeKalb-Allen County Line Road leading west; set in the top of a concrete post, 45.0 feet north of the centerline of County Line Road, 43.0 feet northwest of State Road 1, 24.0 feet southeast of powerpole no. 0 471-3, about 6.0 feet below State Road 1, about 8 inches above the ground; a Indiana State Highway Commission Bench Mark tablet, **Note: not stamped. 2nd Order	791.596 ft	NGVD 1929		ISHC
C-26	32	BM Tablet USC&GS BM F 199 1946	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Sec. 32, T. 33 N., R. 14 E., 2nd P.M.; about 0.6 mile southwest of Spencerville; about 0.6 mile southwest along State Road 1 from the U.S. Post Office at Spencerville, and 0.8 mile northeast of the DeKalb-Allen County Line, and 0.5 mile northeast of the entrance to "White City Cemetery"; set in the northeast end of the northwest concrete headwall of a 16 inch pipe culvert under State Road 1, 15.5 feet northwest of the centerline of State Road 1, about level with State Road 1; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "F 199 1946". 2nd Order	802.961 ft	NGVD 1929		USC&GS

C-27	1	Std. Disk in top of cnc. Post W 198	About 4.7 miles easterly and northerly along SR 1 from main corner at U.S. Post Office at Saint Joe, DeKalb County; about 5.0 miles south along same highway from its intersection with U.S. Hwy 6 in the heart of Butler, at an asymmetrical crossroads junction of SR 1, SR 8 and SR 101 Indiana highways, 58.0 feet east of centerline of SR 101, 51.0 feet south-southwest of centerline of SR 8, about 3.0 feet lower than the intersection, 42.0 feet southwest of a 1 rail fence corner post (post is a RR rail), 35.0 feet northeast of another, projecting 0.3 foot, and 1.5 feet northeast of a steel witness post. **Note: Appears to be in CONCORD TWP SECTION 1, T. 33 N. R. 14 E., See W-12 BM	819.031 ft	NGVD 1929		USGS
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FAIRFIELD TWP

T. 35 N. R. 12 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
FA-01	23	Std. Tablet 13 RHP 1951 946	1.1 miles S. thence 0.7 mile E. from, in SW 1/4 Sec. 23, T. 35 N., R. 12 E., 20.0 feet N. of gravel road., in line w/ "T"road S., 1.5 feet N. of fence, in concrete post; std. tablet stamped "13 RHP 1951 946".	945.635 ft	NGVD 1929		USGS
FA-02	15	Std. Tablet 12 RHP 1951 959	0.5 mile N. of, near center Sec. 15, T. 35 N., R. 12 E., 23.0 feet N. of road in line w/ "T"road S., 5.0 feet NE of power pole w/ transformer, in concrete post std. tablet stamped "12 RHP 1951 959".	958.727 ft	NGVD 1929		USGS
FA-03	10	Std. Tablet W 5 1938 98	1.25 miles NE of, 3.5 miles SW of Hudson, 20.0 feet N. & 23.0 feet E. from junction of "T"road N., 3.0 feet SE of corner of fence lines, in concrete post; std. tablet stamped "W 5 1938 98".	987.585 ft	NGVD 1929		USGS
FA-04	11	Concrete Step Chiseled Mark	1.0 mile W. thence 2.5 miles S. from, 1.8 miles NE of Fairfield Center, 60.0 feet NW from junction of "T"road S., on SW end of 3rd step of entrance to Pleasant Chapel; chiseled mark.	970.87 ft	NGVD 1929		unknown
FA-05	2	Cnc. Headwall Chiseled Square	3.0 miles W. thence 1.0 mile S. from 17.0 feet N. & 13.0 feet W. from junction of "T"road. E., on top of concrete headwall over drain; chisled square.	996.75 ft	NGVD 1929		unknown
FA-06	32	RR SPK / TAG IDNR TBM IND 3 2000	In DeKalb County, Corunna Quad., in the NW 1/4 of Section 32, T. 35 N., R. 12 E., 2nd P.M.; about 6.0 miles east of Kendallville; about 0.9 miles west along County Road 20 from the intersection of State Road 327 and County Road 20; set in the north side of power pole no. 3047 (bullet holes in tag), in front of a yellow house address no. 0414, + or - 100 feet east of a private gravel drive leading south, 19.0 feet south of the centerline of County Road 20, 14.0 feet west of the extended centerline of the driveway to the north leading to the yellow house, 2.7 feet north of a old fence, about 0.4 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM IND 3 2000". 2nd Order	1011.080 ft	NGVD 1929		IDNR
FA-07	29	RR SPK / TAG	In DeKalb County, Corunna Quad., in the SE 1/4 of Section 29, T. 35 N., R. 12 E., 2nd P.M.;	1011.945 ft	NGVD 1929		IDNR

		IDNR TBM IND 4 2000	about 1.3 miles northerly of Corunna; set in the northwest 1/4 of the intersection of State Road 327 and County Road 20; set in the south side of power pole no. 10541 with a transformer and a guy wire, + or - 250 feet west of the centerline of State Road 327, 47.0 feet west of the centerline of a private drive leading north to residence no. 0751, 66.5 feet northeast of the northeast corner of the concrete foundation of a tin sided barn, 18.0 feet north of the centerline of County Road 20, 0.9 foot above the ground; a railroad spike driven through an aluminum tag stamped "IDNR TBM IND 4 2000". 2nd Order				
FA-08	29	RR SPK / TAG IDNR TBM IND 5 2000	In DeKalb County, Corunna Quad., in the NE 1/4 of Section 29, T. 35 N., R. 12 E., 2nd P.M.; about 1.8 miles northerly of Corunna; set in the east side of a power pole with a guy wire leading west (no number), about 300.0 feet south of the intersection of State Road 327 and McCullough Ditch, 80.0 feet south of a + or - 28 inch Hackberry tree, 36.0 feet west of the centerline of State Road 327, 28.0 feet north of a + or - 4 inch pipe gate post, 1.5 feet east of a wire fence, about 1.3 feet above the ground; a railroad spike driven through an aluminum tag stamped "IDNR TBM IND 5 2000". 2nd Order	1001.323 ft	NGVD 1929		IDNR
FA-09	28	RR SPK / TAG IDNR TBM IND 6 2000	In DeKalb County, Corunna Quad., in the NW 1/4 of Section 28, T. 35 N., R. 12 E., 2nd P.M.; about 1.8 miles northerly of Corunna; about + or - 200.0 feet south of the intersection of State Road 327 and McCullough Ditch; set in the west side of a power pole with a transformer, 48.0 feet south of the centerline of a gravel drive leading easterly to a white house with green roof (residence no. 1869), 43.0 feet east of the centerline of State Road 327, 8.4 feet south of the west end post of a white plastic fence, 1.2 feet above the ground; a railroad spike through an aluminum tag stamped "IDNR TBM IND 6 2000". 2nd Order	996.731 ft	NGVD 1929		IDNR
FA-10	28	Paint Mark DeKalb Co. Surveyor TBM "A" 2000	In DeKalb County, Corunna Quad., in the NW 1/4 of Section 28, T. 35 N., R. 12 E., 2nd P.M.; about 1.8 miles north of Corunna; the top of the northeast corner of the east concrete headwall of the McCullough Ditch culvert under State Road 327; a paint mark. 2nd Order	981.143 ft	NGVD 1929		DCS
FA-11	26	Center of 2 Chiseled Notches IDNR TBM DLK 5 1977	In DeKalb County, Waterloo Quad., in the SE 1/4 of Section 26, T. 35 N., R. 12 E., 2nd P.M.; about 4.3 miles northwest of Waterloo; at the intersection of 19 Road and 20 Road, in the northwest 1/4 of the intersection; set in the top of the north end of a twelve inch corrugated steel pipe, 25.0 feet north of the centerline of 20 Road, 21.0 feet west of the centerline of 19 Road, 1.5 feet below the road; the center of two chiseled notches. 2nd Order	949.433 ft	NGVD 1929		IDNR
FA-12	35	Center of 2 Chiseled Notches IDNR TBM DLK 6 1977	In DeKalb County, Waterloo Quad., in the SE 1/4 of Section 35, T. 35 N., R. 12 E., 2nd P.M.; about 4.15 miles west-northwest of Waterloo; about 0.4 mile north along 19 Road from its intersection with U.S. 6 to a four foot corrugated metal pipe under the road; set in the top of the west end of the four foot corrugated steel pipe, 31.3 feet west of the centerline of the road, 12.0 feet below the road; the center of two chiseled notches. 2nd Order	912.971 ft	NGVD 1929		IDNR
FA-13	3	IDNR TBM	In DeKalb County, Stroh Quad., in the SW 1/4 of Section 3, T. 35 N., R. 12 E., 2nd P.M.;	949.862 ft	NGVD 1929		IDNR

RM 6 1999

At the Public Landing for Upper Story Lake; "IDNR TBM RM 6 1999".
2nd Order

FRANKLIN TWP

T. 35 N. R. 14 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
F-01	18	Chisled Square North End Bridge	About 4.0 miles N. of, thence 1.0 mile E.; 23.0 feet NE of crossroads; on N. end of bridge over stream; chiseled square. **Note: Actually In Troy Twp. Sec. 18 T. 35 N., R. 15 E.	875.35 ft	NGVD 1929		Unknown
F-02	14	Std. Tablet TT 29 T 1937 898	About 4.0 miles N. of; 41.0 feet N. & 45.0 feet W. of centerline of crossroads; at corner of Sections 13, 14, 23 & 24, T. 35 N., R. 14 E.; in front yard of Jerusalem Church; 15.0 feet S. & 10.0 feet E. of SE corner of church; in concrete post; std. tablet stamped"TT 29 T 1937 898".	897.655 ft	NGVD 1929		USGS
F-03	22	Chiseled Square Cnc. Fence Post	About 4.0 miles N. of, thence 1.0 mile W. ; 37.0 feet SW of centerline of crossroads; on concrete base of concrete fence post; chisled square.	923.23 ft	NGVD 1929		Unknown
F-04	1	RR SPK / TAG IDNR TBM FISH 13 1992	In DeKalb County, Edon Quad., in the SE 1/4 of Section 1, T. 35 N., R. 14 E., 2nd P.M.; about 4.1 miles southwest of Alvarado; about 0.55 mile east along County Road 4A from its "T" road intersection with State Road 1 to the Gnagy's residence (no. 1043); set in the north side of a utility Pole (no number), 30.0 feet north of the centerline of County Road 4A, 65.0 feet west of a driveway, 6.0 feet above the road; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 13 1992". 3rd Order	890.343 ft	NGVD 1929		IDNR
F-05	1	Chisled Triangle IDNR TBM FISH 14 1992	In DeKalb County, Edon Quad., in the SW 1/4 of Section 1, T. 35 N., R. 14 E., 2nd P.M.; about 4.3 miles southwest of Alvarado; at the County Road 4A bridge over Fish Creek; set on the top of the southwest corner of the concrete curbing, 12.0 feet south of the centerline of the County Road 4A, 2.0 feet east of the west end of the bridge, 0.8 foot above the road; a chisled triangle. 3rd Order	881.757 ft	NGVD 1929		IDNR
F-06	1	Chisled Triangle IDNR TBM HSD 5 1999	In DeKalb County, Edon Quad., in the SW 1/4 of Section 1, T. 35 N., R. 14 E., 2nd P.M.; about 2.6 miles east of Hamilton; at the County Road 4A bridge over the confluence of Hiram Sweet Ditch and Fish Creek; set on the southwest concrete guardrail of the bridge, centered in the top of the guardrail, 14.7 feet south of the centerline of the road, 2.6 feet east of the west end of the south guardrail, 2.8 feet above the road; a chiseled triangle. 3rd Order	883.821 ft	NGVD 1929		IDNR
F-07	1	Chisled Triangle IDNR TBM	In DeKalb County, Edon Quad., in the SW 1/4 of Section 1, T. 35 N., R. 14 E., 2nd P.M.; about 2.1 miles east of Hamilton; at the County Road 4A bridge over Hiram Sweet	880.331 ft	NGVD 1929		IDNR

		HSD 4 1996	Ditch; set in the northeast wingwall, 19.5 feet north of the centerline of County Road 4A, 33.7 feet west of a power pole; 0.9 foot southwest of the northeast face of the wingwall; 0.9 foot below the road surface; a chiseled triangle. 3rd Order					
F-08	2	RR SPK / TAG IDNR TBM FISH 15 1992	In DeKalb County, Hamilton Quad., in the SE 1/4 of Section 2, T. 35 N., R. 14 E., 2nd P.M.; about 2.5 miles southeast along State Road 1 from its intersection with State Road 427 to utility pole no. D 117-12; set in the southwest side of the utility pole, 150.0 feet north of the centerline of the highway, 1.5 feet above ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 15 1992". 3rd Order	906.121 ft	NGVD 1929			IDNR
F-09	2	RR SPK / TAG IDNR TBM FISH 16 1992	In DeKalb County, Hamilton Quad., in the SW 1/4 of Section 2, T. 35 N., R. 14 E., 2nd P.M.; at the intersection of State Road 1 and County Road 63, in the southwest quadrant of the intersection; set in the north side of utility pole no. D 117-52, 42.5 feet south of the centerline of State Road 1, 29.0 feet west of the centerline of County Road 63, 2.0 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 16 1992". 3rd Order	923.501 ft	NGVD 1929			IDNR
F-10	2	Chiseled Triangle IDNR TBM FISH 17 1992	In DeKalb County, Hamilton Quad., in the NW 1/4 of Section 2, T. 35 N., R. 14 E., 2nd P.M.; at the County Road 65A bridge over Fish Creek; set at the northwest corner of the bridge, on the top of the bridge floor, 11.5 feet west of the centerline of County Road 65A, 2.5 feet south of the north end of the bridge, flush with the bridge floor; a chiseled triangle. 3rd Order	887.128 ft	NGVD 1929			IDNR
F-11	3	RR SPK / TAG IDNR TBM FISH 18 1992	In DeKalb County, Hamilton Quad., in the NE 1/4 of Section 3, T. 35 N., R. 14 E., 2nd P.M.; 0.9 mile southeast along State Road 1 from its intersection with State Road 427 to power pole no. D 116-48 on the south side of the highway; set in the north side of the pole, 38.0 feet southwest of the centerline of State Road 1, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 18 1992". 3rd Order	920.845 ft	NGVD 1929			IDNR

GRANT TWP

T. 34 N. R. 13 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
G-01	4	Std. Disk in top of cnc. Post J 22	About 0.3 mile W. along U.S. 6 (W. Union St.) from its intersection with U.S. 27 in heart of Waterloo, thence about 155 yds. N. along N. Center St. to mark on left, 45.0 feet NW of NW rail of Ft. Wayne Branch of NY Central RR (about 1/4 mile NE of its junction with main line), 1.0 foot lower than top of same, 33.0 feet W of centerline of street, 2.0 feet SE of r/o/w fence,	904.342 ft	NGVD 1929		USGS

			1.3 feet SW of steel witness post, and projects 0.4 foot above ground.				
G-02	4	Std. Disk in top of cnc. Post M 201	About 0.4 mile SW'ly along the Ft. Wayne Branch of NY Central RR from its junction w/ main line in Waterloo, 40.0 feet N. of centerline of Walnut St. 26.0 feet SE of SE rail of main line, 13.0 feet SE of SE rail of side track, 4.0 feet lower than top of same, 1.0 foot NE of SW end and 0.8 foot NW of SE edge of SE headwall of 5.0 feet concrete culvert under RR.	907.200 ft	NGVD 1929		USGS
G-03	17	Std. Disk in top of cnc. Post N 201	About 1.6 niles SSW along Ft. wayne Branch of NY Central RR from its junction w/ main line in Waterloo, about 43 yds. W. of center of "T" intersection of CR 31 and CR 32, 46.0 feet NW of NW rail, 3.6 feet lower than top of same, 32.0 feet S. of centerline of gravel road, 18.0 feet SE of power pole no. 474/434, 1.5 feet SW of steel witness post, and projecting 0.3 foot above ground.	894.381 ft	NGVD 1929		USGS
G-04	5	Std. Disk N 21	1.9 miles W. along NY Central RR from crossing of Main St. in Waterloo, or about 4.5 miles E. along same from bridge of the main street in Corunna over RR, 0.45 mile S. of U.S. 6, about 150 yds. E. of crossing of asphalt CR 27, about 10 yds. W. of the crest of a ridge, 18.0 feet W.of a pole, 30.7 feet S. of main line double tracks, 2.2 feet lower than top of same, and projecting 0.5 foot above ground.	928.765 ft	NGVD 1929		USGS
G-05	4	Std. Disk P 21	0.5 mile W. on NY Central RR from crossing of Main St. in Waterloo, about 59 yds. E. of centerline of Peneton St., 25.0 feet E. of new overhead steel-trestle signal light std. or support, 19.9 feet S. of S. rail of main line double tracks, 0.5 foot lower than top of same, set in a drill hole 0.5 foot SE of NW corner of 4.0-ft. square cnc. base of old removed semaphore signal which base stands 0.6 foot above the ground.	919.532 ft	NGVD 1929		USGS
G-06	2	Std. Disk in bridge Wingwall VV 200	About 1.4 miles E. along U.S. 6 from its intersection w/ U.S. 27 in Waterloo, 106.0 feet S. of centerline of Highway, in the top approximate center of bottom step of cnc. cap of stone masonry NW abutment wingwall of 32.0-ft. steel plate girder bridge of NY Central RR, 17.0 feet N. of N. rail of double tracks, and 8.1 feet lower than top of same. **Note: RESET	887.325 ft	NGVD 1929		USGS
G-07	2	Std. Disk in top of cnc. Post QQ 200	About 2.0 miles E. along U.S. 6 from its intersection w/ U.S. 27 in Waterloo, about 40 yds. E. of projected centerline of an 18" Hwy. pipe culvert, in the line determined by 2 traffic-light poles on opposite sides of NY Central RR, 49.0 feet S. of centerline of 24.0-ft. Hwy. pavement, 1.7 feet higher than same, 44.4 feet N. of N. rail of double tracks, 5.7 feet lower than top of same, 2.0 feet E. of steel witness post, and flush w/ ground. **Note: RESET	894.197 ft	NGVD 1929		USGS
G-08	15	Std. Tablet 10 RHP 1951 890	1.5 miles E. of along U.S. 6, thence 2.1 miles S. of at E 1/4 Cor. Sec. 15, T. 34 N., R. 13 E., 22.0 feet N. and 20.0 feet W. of crossroads, 3.0 feet NW of ? (That's all it says) "10 RHP 1951 890".	889.710 ft	NGVD 1929		USGS

G-09	2	Std. Disk USC & GC VV 200 1946	1.3 miles E. of; U.S.C. & G.S. Std. Disk stamped "VV 200 1946".	888.492 ft	NGVD 1929	USC&GC
G-10	15	Chisled Triangle	A chiseled triangle in SE cor. Of CR 32 bridge over Cedar Creek.	875.129 ft	NGVD 1929	Unknown
G-11	15	RR SPK / TAG IDNR TBM HW CC 18 1983	Near NE end of CR 34 bridge over Cedar Creek; a RR Spike through an aluminum tag in the S. side of an I & M E power pole no. D278-26; 281' E. of E. end of bridge; 19.7' N. of the centerline of road CR34, 1.4' above grade. "IDNR TBM HWCC 18 1983"	877.783 ft	NGVD 1929	IDNR
G-12	4	RR SPK / TAG IDNR TBM	A RR Spike with IDNR tag in E. side of power pole no. N.I.P.S.C.O. no.495/440 at SW end of CR 35 bridge over Cedar Creek.	895.083 ft	NGVD 1929	IDNR
G-13	3	State Hwy Disk INDOT F 36	A State Hwy Disk "F 36" at SW cor. Of CR 427 bridge over Cedar Creek.	894.588 ft	NGVD 1929	INDOT
G-14	3	State Hwy Disk INDOT F 8	A State Hwy Disk "F 8" at NW cor. Of U.S. 6 bridge on wingwall over Cedar Creek.	888.673 ft	NGVD 1929	INDOT
G-15	10	RR SPK / TAG IDNR TBM	A RR Spike with IDNR tag in power pole N.I.P.S.C.O. no. 499/362 at SE end of CR 28 bridge over Cedar Creek.	882.653 ft	NGVD 1929	IDNR
G-16	15	Chiseled Triangle IDNR TBM HW CC 19 1983	In DeKalb County, Waterloo Quad, in the NE 1/4 of Section 15, T. 34 N., R. 13 E., 2nd P.M.; about 1.5 miles southeast of Waterloo; at the southeast corner of the County Road 32 bridge over Cedar Creek; 11.8 feet south of the centerline of County Road 32, 5.8 feet west of the east end of the bridge, 0.4 foot south of the south face of the bridge, 2.5 feet below the road surface; a chiseled triangle. 3rd Order	875.104 ft	NGVD 1929	IDNR
G-17	10	RR SPK / TAG IDNR TBM HW CC 20 1983	In DeKalb County, Waterloo Quad, in the NE 1/4 of Section 10, T. 34 N., R. 13 E., 2nd P.M.; about 0.5 mile southeast of Waterloo; near the southeast corner of the County Road 28 bridge over Cedar Creek; set in the north side of NIPSCO power pole no. 499/362, 67.5 feet east of the east end of the bridge, 28.8 feet south of the centerline of County Road 28, 2.3 feet above the ground: a railroad spike driven through an aluminum tag, stamped "HW CC 20 1983". 3rd Order	882.501 ft	NGVD 1929	IDNR
G-18	3	Chiseled Triangle IDNR TBM CC 12	In DeKalb County, Waterloo Quad, in the SE 1/4 of Section 3, T. 34 N., R. 13 E., 2nd P.M.; at Waterloo, at the southwest corner of the Penn Central Railroad one span concrete bridge over Cedar Creek; set in top of the headwall. 11.4 feet south of the south rail, 2.4 feet east of the west end of the bridge, 3.2 feet below the tracks; a chiseled triangle. 3rd Order	901.208 ft	NGVD 1929	IDNR
G-19	3	RR SPK / TAG	In DeKalb County, Waterloo Quad, in the SE 1/4 of Section 3, T. 34 N., R. 13 E., 2nd	904.896 ft	NGVD 1929	IDNR

		IDNR TBM DLK BEST 1992	P.M.; at Waterloo; at the northwest 1/4 of the intersection of the Penn Central Railroad and Best Street; set in the east side of a NIPSCO power pole no. 482/365, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, **Note: not stamped. 3rd Order				
G-20	3	BM Tablet INDOT BM BM F 8 DKLB	In DeKalb County, Waterloo Quad, in the NE 1/4 of Section 3, T. 34 N., R. 13 E., 2nd P.M.; about 0.4 mile east of Waterloo; at the U.S. 6 bridge over Cedar Creek; set in the northwest wingwall of the bridge, 32.0 feet west of the centerline of Cedar Creek, 25.0 feet north of the centerline of U.S. 6; a State Highway Commission of Indiana bench mark tablet, stamped "F 8 DKLB". 3rd Order	888.560 ft	NGVD 1929		INDOT
G-21	3	BM Tablet INDOT BM BM F 36 DEK	In DeKalb County, Waterloo Quad, in the NW 1/4 of Section 3, T. 34 N., R. 13 E., 2nd P.M.; about 0.3 mile north of Waterloo; at the southwest corner of the State Road 427 bridge over Cedar Creek; 40.0 feet south of the centerline of Cedar Creek, 27.0 feet west of the centerline of State Road 427; an Indiana Department of Highways bench mark tablet, stamped "F 36 DEK". 3rd Order	894.485 ft	NGVD 1929		INDOT
G-22	3	Chiseled Triangle IDNR TBM CEDAR 9 1996	In DeKalb County, Waterloo Quad, in the NW 1/4 of Section 3, T. 34 N., R. 13 E., 2nd P.M.; about 0.3 mile north of Waterloo; at the northeast corner of the State Road 427 bridge; set in the bridge deck, 27.0 feet east of the centerline of State Road 427, 36.0 feet south of the centerline of the Lukens residence driveway, 2.1 feet west of power pole no. 483/525, 0.4 foot west of the east face of the bridge; a chisled triangle. 3rd Order	896.093 ft	NGVD 1929		IDNR
G-23	4	RR SPK / TAG IDNR TBM DLK CR 35 1992	In DeKalb County, Waterloo Quad, in the NE 1/4 of Section 4, T. 34 N., R. 13 E., 2nd P.M.; about 0.3 mile northwest of Waterloo; near the southwest corner of the County Road 35 bridge over Cedar Creek; set in the east side of NIPSCO power pole no. 495/440, 80.0 feet south of the centerline of Cedar Creek, 20.0 feet west of the centerline of County Road 35, 0.7 foot above the ground; a railroad spike driven through an aluminum tag, stamped "DLK CR 35 1992". 3rd Order	894.994 ft	NGVD 1929		IDNR
G-24	3	RR SPK / TAG IDNR TBM HW CC 21 1983	In DeKalb County, Waterloo Quad, in the NW 1/4 of Section 3, T. 34 N., R. 13 E., 2nd P.M.; about 0.3 mile northwest of Waterloo; near the southeast corner of the County Road 35 bridge over Cedar Creek; set in the west side of a power pole. 33.4 feet east of the centerline of County Road 35, 10.3 feet north of the centerline of a drive leading into a cemetery, 1.1 feet above the ground; a railroad spike driven through an aluminum tag, stamped "HWCC 21 1983". 3rd Order	895.353 ft	NGVD 1929		IDNR
G-25	4	Chisled Triangle IDNR TBM DLK CR 24 1992	In DeKalb County, Waterloo Quad, in the NW 1/4 of Section 4, T. 34 N., R. 13 E., 2nd P.M.; about 1.1 miles west of Waterloo; at the County Road 24 bridge over Cedar Creek; set in the top of the northeast wingwall, 35.0 feet northeast of the centerline of Cedar Creek, 13.5 feet east of the centerline of County Road 24, 1.4 feet east of the east face of the bridge, 0.5 foot south of the north face of the bridge; a chiseled	899.90 ft	NGVD 1929		IDNR

			triangle. ** Note: Mark was also called HW CC 22 1983. 3rd Order				
G-26	4	BM Tablet USC&GS BM P 21 1934	In DeKalb County, Waterloo Quad, in the SE 1/4 of Section 4, T. 34 N., R. 13 E., 2nd P.M.; at Waterloo; about 0.55 mile west along the Penn Central Railroad from its crossing with State Road 427 in Waterloo, to a north-south crossroad (Peneton Street), in the southeast 1/4 of the intersection; set in the top of the northwest corner of a four foot square concrete base of an old removed semaphore signal base, 177.0 feet east of the centerline of the north-south road (Peneton Street), 25.0 feet east of an overhead steel trestle signal light support, 19.9 feet south of the south most rail of the tracks, 0.5 foot southeast of the northwest corner of the base, about 0.6 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "P 21 1934". 2nd Order	919.532 ft	NGVD 1929		USC&GS
G-27	4	Chiseled Triangle IDNR TBM DLK 1 1977	In DeKalb County, Waterloo Quad, in the W 1/2 of Section 4, T. 34 N., R. 13 E., 2nd P.M.; about 1.2 miles west of Waterloo; at the intersection of the Penn Central Railroad and CR 31, in the northeast 1/4 of the intersection; set in the top of an abandoned semaphore signal base, 393.0 feet east of the centerline of CR 31, 30.0 feet south of the centerline of an east-west road, 22.6 feet north of the north most rail of the tracks, 2.0 feet below the railroad bed, about 0.5 foot above the ground; a chiseled triangle. 2nd Order	929.885 ft	NGVD 1929		IDNR
G-28	5	Chiseled Triangle IDNR TBM DLK 2 1977	In DeKalb County, Waterloo Quad, in the W 1/2 of Section 5, T. 34 N., R. 13 E., 2nd P.M.; about 2.2 miles west of Waterloo; at the intersection of the Penn Central Railroad and CR 27, in the northeast 1/4 of the intersection; set in the top of the northwest 1/4 corner of a twenty foot culvert headwall, 155.0 feet east of the centerline of the north-south road, 17.0 feet north of the north most rail of the tracks, 10.0 feet below the railroad bed; a chiseled triangle. 2nd Order	922.213 ft	NGVD 1929		IDNR
G-29	8	BM Tablet IDNR BM DEK 10 1987	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 8, T. 34 N., R. 13 E., 2nd P.M.; about 1 mile south of Auburn; at the CR 52 bridge over Cedar Creek; set in the top of the southeast corner of the bridge floor, 11.3 feet south of the centerline of the road, 1.5 feet west of the east end of the bridge floor, level with the road; a Indiana Department of Natural Resources control station tablet, stamped "DEK 10 1987". 2nd Order	853.309 ft	NGVD 1929		IDNR
G-30	5	BM Tablet IDNR BM DEK 11 1987	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 5, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the CR 48 bridge over Cedar Creek; set on the top of the west end of the south concrete curbing of the bridge, 13.5 feet south of the centerline of the road, 0.6 feet east of the west end of the curbing, about 0.8 foot above the road; a Indiana Department of Natural Resources control station tablet, stamped "DEK 11 1987". 2nd Order	856.959 ft	NGVD 1929		IDNR
G-31	17	Std. Disk in top of cnc .Post K 22	About 2.2 miles northerly along NY Central (FT. Wayne Branch) RR from 7th Street crossing (RR station has been removed) in Auburn or 2.8 miles south-southwest along branch line from main line at Waterloo, about 1.0 mile north-northeast of entrance to old	895.172 ft	NGVD 1929		USGS

Auburn Airport, 45.0 feet southeast of southeast rail, 37.0 feet north of centerline of CR 36, 0.8 foot lower than same, projecting 0.9 foot above the ground, 12.5 feet northeast of end of right of way fence, 2.0 feet northwest of fence, and 1.5 feet northeast of steel witness post. **Note: appears to be in GRANT TWP SECTION 17, T. 34 N. R. 13 E.

JACKSON TWP T. 33 N. R. 13 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
J-01	3	Bronze disk G 198	About 0.4 mile S. along Cedar Street from SE cor. of courthouse in Auburn, thence 2.3 miles SE along 18th street & its extension or CR 31A north-south crossroad & the mark, about 105 yards N. of grade crossing of B & O RR 99.0 feet N. of intersection of C/L of the roads., 21.0 feet W. of the C/L of CR35, level w/same, 5.5 feet N. of a telephone pole, 1.7 feet S. of a steel witness post, & projecting 0.3 foot above the ground.	877.502 ft	NGVD 1929		USGS
J-02	2	Bronze disk H 198	About 0.4 mile S. along Cedar Street from SE cor. Of courthouse in Auburn, thence 3.3 miles SE on 18th street & its extension or CR 46 A, to CR 39 intersection & the mark, an estimated 100 yards N. of the grade crossing of B & O RR 41.0 feet NE of 1 road. 1.5 feet lower than same, 26.0 feet E. of C/L of other road., 3.0 feet NW rail of the RR fence corner post 6.0 feet SE of another, & flush w/ the ground.	856.904 ft	NGVD 1929		USGS
J-03 See Ref Sheet J-03	17	Std. Tablet 2 RHP 1951 Reset 1998	Saint Johns, 2.5 miles East on CR 60 to the Northeast corner of Section 19, T. 33 N., R. 13 E.; 38.2 feet South, 18.0 feet East; 1.0 foot North of the East guard rail post. Guard rail blocking vacated County Road 27. Standard tablet stamped "2 RHP 1951". **Note: Reset 1998 - Elevation 879.317 ft.	879.317 ft	NGVD 1929		USGS
J-04	32	Std. Tablet 3 RHP 1951 859	5.1 miles S. of B & O RR crossing along U.S. 27, thence 4.5 miles E. from, at N 1/4 cor. Sec. 32, T. 33 N., R. 13 E., 34.0 feet S. & 26.0 feet W. of cross roads, 10.0 ft N. of power pole, in concrete post; std. tablet stamped "3 RHP 1951 859".	859.685 ft	NGVD 1929		USGS
J-05	34	Std. Tablet 5 RHP 1951 836	4.05 miles W. of along roads; 1.0 mile E. of Hopewell Church; in NE cor. Sec. 34, T. 33 N., R. 13 E.; 12.0 feet S. & 18.0 feet W. of, & level w/ cross roads, in NE end of SE wingwall of concrete bridge; std. tablet stamped "5 RHP 1951 836".	835.730 ft	NGVD 1929		USGS
J-06	11	Std. Disk in top of cnc. Post K 198	About 0.45 mile N. along asphalt CR 51 from its crossing of B & O RR at Concord, thence 2.25 miles W. along asphalt CR 46A to "T" intersection w/ gravel CR 43 & mark on right, 48.0 feet N. of C/L of E-W road., 1.6 feet lower than same, 19.0 feet E. of C/L of N-S road., 1.0 foot W. of fence, 1.6 feet N. of steel witness post, & projecting 0.2 foot.	852.869 ft	NGVD 1929		USGS

J-07	12	Std. Disk in top of cnc. Post L 198	About 0.45 mile N. along CR 51 from RR crossing at Concord, thence 1.0 mile W. along asphalt CR 46 A to turn in road & mark on left, about 50.0 feet SW of center of curve, about level w/ same, 3.0 feet E. of projected C/L of tangent from E., 1.7 feet S. of steel witness post, & projecting 0.3 foot.	848.528 ft	NGVD 1929	USGS
J-08	27	Std. Tablet 6 RHP 1951 845 1 RHP 1951 865	3.45 miles W. of, along roads., thence 2.0 miles S.; in SW cor. Sec. 14, T. 33 N., R. 13 E.; 95.0 feet NE of NE cor. Of Rehoboth Methodist Church; 39.0 feet N. & 42.0 feet E. of crossroads: 2.0 feet E. of SW cor. fence post; in concrete post; std. tablet stamped "6 RHP 1951 845". 21.0 feet N. of gravel road, 3.0 feet N. of telephone pole, in concrete post; std. tablet stamped "1 RHP 1951 865". **Note: Fnd. 6-14-77--Good	845.271 ft	NGVD 1929	USGS
J-09	8	BM Tablet IDNR BM DEK 10 1987	In DeKalb County, Auburn Quad, NW 1/4 Sec. 8, T. 33 N., R. 13 E., about 1.0 mile south of Auburn, at the County Road 52 Bridge over Cedar Creek, set in the top at the southeast corner of the concrete bridge floor, 11.3 feet south from the centerline of roadway, 1.5 feet west from the east end of bridge floor, level with the roadway, an Indiana Department of Natural resources bench mark tablet, stamped "DEK 10 1987".	853.309 ft	NGVD 1929	IDNR
J-10	5	BM Tablet IDNR BM DEK 11 1987	In DeKalb County, Auburn Quad, at Auburn, NW 1/4 Sec. 5, T. 33 N., R. 13 E., at the CR 48 Road Bridge over Cedar Creek, set in the top at the west end of the South concrete curbing of the bridge, 13.5 feet south from the centerline of the road, 0.6 foot east from the west end of curbing, 0.8 foot above the roadway, an Indiana Department of Natural Resources bench mark tablet, stamped "DEK 11 1987".	856.959 ft	NGVD 1929	IDNR
J-11	31	Station Tablet USC&GS STA DEKALB 1946	In DeKalb County, Auburn Quad, at Auburn, SW 1/4 of Sec. 31, T. 33 N., R. 13 E., 2nd P.M.; approximately 7.0 miles south of Auburn; at the intersection of Tonkle Road and County Line Road, in the northeast 1/4 of the intersection; set in the top of a concrete post, 53.1 feet east of the centerline of Tonkle Road, 55.6 feet north of the centerline of County Line Road, 37.5 feet northwest of power pole no. D 464/86, 31.4 feet northeast of a gas pipe line riser post, 6.4 feet southeast of the southeast most yellow concrete post, 0.1 foot above the ground; a US Coast & Geodetic Survey triangulation station tablet, stamped "DEKALB 1946". 2nd Order	875.892 ft 875.407 ft	NGVD 1929 NAVD 1988	IDNR
J-12	18	Chiseled Square IDNR TBM DEK 7 1999	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 18, T. 33 N., R. 13 E., 2nd P.M.; approximately 4.0 miles south of Auburn; at the intersection of Tonkle Road and County Road 60, in the northeast 1/4 of the intersection; set in the top of the northeast corner of a concrete culvert, 20.4 feet north of the centerline of County Road 60, 59.1 feet east of the centerline of Tonkle Road, 0.1 foot south of the north face of the culvert, 0.1 foot west of the east face of the culvert, 1.5 feet below the road; a chiseled square. 2nd Order	851.237 ft 850.752 ft	NGVD 1929 NAVD 1988	IDNR
J-13	18	Chiseled Triangle	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 18, T. 33 N., R. 13 E., 2nd P.M.;	845.394 ft	NGVD 1929	IDNR

		IDNR TBM CEDAR 6 1991	approximately 3.3 miles southwest of Auburn; at the Tonkle Road (State Road 427) bridge over Cedar Creek; set at the southeast corner of the bridge. 20.0 feet east of the centerline of Tonkle Road, 1.0 foot north of the south end of the bridge, about level with the road; a chiseled triangle. 3rd Order				
J-14	8	RR SPK NO TAG IDNR TBM CEDAR 8 1991	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 8, T. 33 N., R. 13 E., 2nd P.M.; approximately 2.1 miles southwest of Auburn; south along County Road 27 from its intersection with County Road 52 to a lone Basswood tree; set in the west side of the Basswood tree, 75.0 feet north of the extended centerline of a fence line to the west, 17.0 feet east of the centerline of County Road 27, 1.0 foot above the ground; a railroad spike. **Note: no tag 3rd Order	863.709 ft	NGVD 1929		IDNR
J-15	7	Chiseled Triangle IDNR TBM DLK 10 1987	In DeKalb County, Auburn Quad, in the NE 1/4 of Section 7, T. 33 N., R. 13 E., 2nd P.M.; approximately 2.0 miles southwest of Auburn; at the County Road 52 bridge over Cedar Creek; set at the southwest corner of the bridge, 11.0 feet south of the centerline of County Road 52, 0.3 foot east of the west end of the bridge; a chisled triangle. 2nd Order	853.367 ft	NGVD 1929		IDNR
J-16	6	Chiseled Triangle IDNR TBM HW CC 12 1983	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 6, T. 33 N., R. 13 E., 2nd P.M.; approximately 2.0 miles southwest of Auburn; at the County Road 52 bridge over Cedar Creek; set at the northwest corner of the bridge, 12.0 feet north of the centerline of County Road 52, 0.2 foot east of the west end of the bridge, 0.3 foot south of the north face of the bridge, about level with the road; a chiseled triangle. 2nd Order	853.333 ft	NGVD 1929		IDNR

<div> <div>KEYSER TWP</div> <div>T. 33 N. R. 12 E.</div> </div>							
ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
K-01	25	Std. Disk on Bridge F 46 DEK INDOT 2008	0.4 mile West of I-69, NW corner of SR 8, Bridge over the Wm. Peckart Drain Std. Disk on Bridge stamped, "F 46 DEK INDOT 2008	872.54 ft	NGVD 1929		INDOT
K-02	26	Std. Disk in top of Bridge curbwall INDOT F 37	About 2.4 miles W. along SR 8 from NW corner of courthouse square in Auburn, set in a drill hole 3.0 feet E. of W. end of the N. 45.0 feet concrete bridge, 20.5 feet N. of centerline of 20.0 feet highway pavement, & 0.7 foot higher than same. **Note: Reset by INDOT F 37 880.85	878.862 ft 880.85 ft	NGVD 1929 NGVD 1929		INDOT INDOT
K-03	35	Std. Disk in top of cnc. Post	About 3.3 miles W. along SR 8 from NW corner of courthouse square, at a gravel crossroad, 50.0 feet E. of centerline of CR 15, 24.0 feet S. of	878.003 ft	NGVD 1929		USGS

		S 162 R 162 Reset 1960	centerline of 22.0 feet highway pavement, 0.5 foot lower than same, 1.6 feet E. of steel witness post, & projecting 0.3 foot above ground. **Note: R 162 reset 1960				
K-04	34	Chiseled Square	On N. side of B & O RR, on E. side of U.S. 27, on NW corner of concrete base of fire plug; chiseled square.	887.03 ft	NGVD 1929		USGS
K-05	10	Std. Tablet 1 RHP 1951 865	2.1 miles S. of B & O RR crossing, at SW corner Sec. 10, T. 33 N., R. 12 E., at junction of U.S. 27, SR 205 & gravel crossroads, 66.0 feet E. of U.S. 27, 21.0 feet N. of gravel road, 3.0 feet N. of telephone pole, in concrete post; Std. tablet stamped "1 RHP 1951 865". **Note: Fnd. 6-14-77--Good	865.192 ft	NGVD 1929		USGS
K-06	27	Std. Disk BM GARRETT 1946-1959 USC&GC	1.0 mile N. of along roads to junction of U.S. 27 & SR 8 & SR 327; 53.0 feet N. of C/L of U.S. 27 & SR 8; 2.0 feet E. of E. face of J.F. Olinger farmhouse; 140.0 feet E. of 12 inch walnut tree; surface mark 15 inch underground; USC&GS std. triangulation station disk stamped "GARRETT 1946-1959". **Note: Disk obliterated in 2008 INDOT	893.788 ft	NGVD 1929		USC&GS
K-07	36	RR SPK / TAG IDNR TBM DEK 2 1999	In DeKalb County, Auburn Quad, in the NE 1/4 of Section 36, T. 33 N., R. 12 E., 2nd P.M.; approximately 6.0 miles south of Auburn; at the intersection of Tonkle Road and County Road 68, in the southwest 1/4 of the intersection; set in the east side of power pole no. D 463/3, 46.4 feet south of the centerline of County Road 68, 50.4 feet southwest of a telephone pedestal, 43.3 feet north of the northwest corner of a white barn, 37.9 feet west of power pole no. D 463/18, 1.8 feet above the ground; a railroad spike driven through an aluminum tag, stamped "DEK 2 1999". 2nd Order	876.507 ft 876.022 ft	NGVD 1929 NAVD 1988		IDNR
K-08	24	RR SPK / TAG IDNR TBM DEK 3 1999	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 24, T. 33 N., R. 12 E., 2nd P.M.; approximately 5.0 miles south of Auburn; at the intersection of Tonkle Road and County Road 64, in the southwest 1/4 of the intersection; set in the east side of power pole no. D 442/1, 50.2 feet west of the centerline of Tonkle Road, 20.6 feet south of the extended centerline of County Road 64, 20.6 feet south of a concrete R/W post, 31.6 feet southwest of the south most "arrow" sign post, 1.7 feet above the ground; a railroad spike driven through an aluminum tag, stamped "DEK 3 1999". 2nd Order	876.598 ft 876.112 ft	NGVD 1929 NAVD 1988		IDNR
K-09	33	Chisled Triangle IDNR TBM CEDAR 10 1991	In DeKalb County, Garrett Quad, in the SE 1/4 of Section 33, T. 33 N., R. 12 E., 2nd P.M.; approximately 7.5 miles southwest of Auburn; at the Dekalb-Allen County line Road bridge over Cedar Creek; set on top of the west end of the north concrete guardrail, 11.2 feet north of the centerline of County Line Road, 1.8 feet east of the west end of the concrete guardrail, 3.4 feet above the ground; a chisled triangle. 3rd Order	824.538 ft	NGVD 1929		IDNR
K-10	26	Chisled Triangle IDNR TBM CEDAR 2 1991 HW CC 8 1982	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 26, T. 33 N., R. 12 E., 2nd P.M.; approximately 5.5 miles southwest of Auburn; at the County Road 68 bridge over Cedar Creek; set in the northeast bridge seat, 14.5 feet north of the centerline of County Road 68, 3.5 feet west of the east end of the bridge, 3.7 feet below the road; a chiseled triangle.	823.516 ft	NGVD 1929		IDNR

				**Note; Mark was also called "HW CC 8 1982".				
				3rd Order				
K-11	25	RR SPK / NO TAG IDNR TBM CEDAR 1 1991	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 25, T. 33 N., R. 12 E., 2nd P.M.; approximately 5.5 miles southwest of Auburn; at the intersection of County Road 68 and County Road 19, in the northeast 1/4 of the intersection; set in the northeast side of power pole no. 18347, 59.0 feet east of the centerline of County Road 19, 19.0 feet north of the centerline of County Road 68, about 1.0 foot above the ground; a railroad spike (no tag).	848.038 ft	NGVD 1929		IDNR	
				3rd Order				
K-12	26	RR SPK / TAG IDNR TBM HW CC 7 1982	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 26, T. 33 N., R. 12 E., 2nd P.M.; approximately 5.5 miles southwest of Auburn; at the intersection of County Road 68 and County Road 19, in the northwest 1/4 of the intersection; set in the south side of a utility pole, 44.8 feet north of the centerline of County Road 68, 17.0 feet west of the centerline of County Road 19, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "HW CC 7 1982".	846.498 ft	NGVD 1929		IDNR	
				3rd Order				
K-13	26	Chiseled Triangle IDNR TBM CEDAR 3 1991	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 26, T. 33 N., R. 12 E., 2nd P.M.; approximately 5.0 miles southwest of Auburn; at the County Road 66 bridge over Cedar Creek; set in the southeast corner of the bridge, 12.0 feet south of the centerline of County Road 66, 1.0 foot west of the east end of the bridge, level with the bridge surface; a chiseled triangle.	829.993 ft	NGVD 1929		IDNR	
				3rd Order				
K-14	13	Chiseled Triangle IDNR TBM CEDAR 7 1996	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 13, T. 33 N., R. 12 E., 2nd P.M.; approximately 4.5 miles southwest of Auburn; at the County Road 60 bridge over Cedar Creek; set on top of the east end of the north concrete guardrail of the bridge, 16.5 feet north of the centerline of County Road 60, 9.4 feet west of the east face of the concrete guardrail, 2.8 feet above the bridge floor; a chisled triangle.	839.716 ft	NGVD 1929		IDNR	
				3rd Order				
K-15	13	RR SPK / NO TAG IDNR TBM CEDAR 4 1991	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 13, T. 33 N., R. 12 E., 2nd P.M.; approximately 4.5 miles southwest of Auburn; at the County Road 60 bridge over Cedar Creek; set in the west side of a 24 inch Hackberry tree, 135.0 feet east of the east end of the bridge, 27.0 feet north of the centerline of County Road 60, 1.2 feet above the ground; a railroad spike (no tag).	839.936 ft	NGVD 1929		IDNR	
				3rd Order				
K-16	13	BM Tablet INDOT BM F 16 DEKALB IDNR TBM CEDAR 5 1991	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 13, T. 33 N., R. 12 E., 2nd P.M.; approximately 4.0 miles southwest of Auburn; at the south bound I 69 bridge over Cedar Creek; set in top of the curbing at the southwest corner of the bridge, 20.0 feet north of the south end of the south bound bridge, 16.5 feet west of the centerline of the south bound lanes of I 69, 0.7 foot above the ground; a State Highway Commission of Indiana bench mark tablet, stamped "F 16 DEKALB".	844.641 ft	NGVD 1929		INDOT	
				**Note; Mark was also called "CEDAR 5 1991".				

3rd Order							
K-17	13	Chiseled Triangle IDNR TBM HW CC 11 1983	In DeKalb County, Auburn Quad, in the NE 1/4 of Section 13, T. 33 N., R. 12 E., 2nd P.M.; approximately 3.3 miles southwest of Auburn; at the Tonkle Road (State Road 427) bridge over Cedar Creek; set at the northwest corner of the bridge, 21.3 feet west of the centerline of Tonkle Road, 0.8 foot south of the north end of the bridge abutment, about level with the road; a chiseled triangle. 3rd Order	844.747 ft	NGVD 1929		IDNR
<div>NEWVILLE TWP</div> <div>T. 33 N. R. 15 E.</div>							
ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
N-01	8	Std. Disk in top of Culvert Headwall Q 199	About 1.6 miles SE along SR 8 from crossroads in Newville, about 1.1 miles NW along same from its intersection w/ the Indiana-Ohio Boundary, about 40 yards SE of SE end of short easy Highway curve, 13.0 feet SW of C/L of highway, about level w/ same, 0.8 foot SE of NW end of 4.0 foot headwall of 15 inch pipe culvert.	853.656 ft	NGVD 1929		USGS
N-02	6	Std. Disk in top of Culvert Headwall P 199	About 0.6 mile SE' ly along SR 8 from crossroads at Newville, about 0.1 mile SE of United Brethren Church, about 175 yards SE of intersection of highway and SW-NE gravel road, 13.0 feet NE of C/L of highway, 0.9 foot lower than same, 0.5 foot SE of NW end of 5.0 foot concrete headwall of 3 1/2 feet pipe culvert.	815.061 ft	NGVD 1929		USGS
N-03	6	Std. Disk in top of Culvert Headwall N 199	About 0.6 mile NW along SR 8 from crossroads at Newville, 13.5 feet SW of C/L of highway, 0.4 foot lower than same, 0.9 foot SE of NW end of 4.0 foot concrete headwall of 20.0 inch iron pipe culvert. **Note; Due to apparent collision of automobile w/ mark, date supposedly 1946 is legible only as 19?, supposed 6 has been entirely erased off.	823.243 ft	NGVD 1929		USGS
N-04	8	BM Tablet USC&GS BM Q 199 1946	In DeKalb County, Hicksville Quad., in the SE 1/4 of Sec. 8, T. 33 N., R. 15 E., 2nd P.M.; about 1.6 miles southeast of Newville, about 1.6 miles southeast along State Road 8 from the crossroads at Newville, at a 15.0 inch pipe culvert; set in the top of the northwest end of the southwest concrete headwall, 13.0 feet southwest of the centerline of the road, about level with the centerline of the road; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "Q 199 1946". **Note: BM Tablet destroyed. 2nd Order	853.656 ft	NGVD 1929		USC&GS
N-05	6	Chiseled Triangle IFC & WRC TBM SJ 14 1955	In DeKalb County, Hicksville Quad., in the SW 1/4 of Sec. 6, T. 33 N., R. 15 E., 2nd P.M.; about 0.2 mile southwest of Newville; about 0.25 mile southwest along a black top road from its intersection with State Road 8 in Newville, to a bridge over Solomon Shank Ditch; set in the top of the west end of the west wingwall, 16.0 feet northwest of the centerline	805.970 ft	NGVD 1929		IFC&WRC

			of the road, 9.0 feet southwest of the northeast face of the southwest abutment, 2.5 feet below the road, 1.0 foot east of the west end of the west wingwall; a chiseled triangle. **Note BM Tablet destroyed. 2nd Order			
N-06	6	BM Tablet USC&GS BM P 199 1946	In DeKalb County, Hicksville Quad., in the SE 1/4 of Sec. 6, T. 33 N., R. 15 E., 2nd P.M.; about 0.5 mile southeast of Newville; about 0.55 mile southeast along State Road 8 from the crossroads at Newville to a 44.0 inch pipe culvert; set in the top of the northwest end of the northeast concrete headwall, 13.0 feet northeast of the centerline of the road, about 0.5 foot below the centerline of the road; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "P 199 1946". **Note BM Tablet destroyed. 2nd Order	815.061 ft	NGVD 1929	USC&GS
N-07	6	BM Tablet IFC&WRC BM DEK 5 1955	In DeKalb County, Hicksville Quad., in the SW 1/4 of Sec. 6, T. 33 N., R. 15 E., 2nd P.M.; at Newville; about 0.1 mile northwest along State Road 8 from the bridge over the St. Joseph River, at the black top road crossing at "Starks General Store" ; set in the top of the concrete porch, 73.0 feet northeast of the centerline of State Road 8, 33.0 feet northwest of the blacktop road, 7.6 feet northwest of the southeast edge of the concrete porch of the store, 0.8 foot southwest of the southwest edge of the porch, about level with State Road 8; a indiana flood Control and Water Resources Commission benchmark tablet, stamped "DEK 5 1955". 2nd Order	820.611 ft	NGVD 1929	IFC&WRC
N-08	6	Chiseled Triangle IFC&WRC BM SJ 15 1955 DEKALB 2	In DeKalb County, Hicksville Quad., in the SW 1/4 of Sec. 6, T. 33 N., R. 15 E., 2nd P.M.; about 0.5 mile east of Newville; about 0.45 mile southeast along State Road 8 from the crossroads at Newville to a gravel crossroad, thence 0.4 mile northeast along the gravel road to a four- foot pipe culvert over a small ditch; set in the top of the northeast end of the northwest concrete abutment and handrail base, 14.0 feet northwest of the centerline of the road, 1.5 feet above the road, 0.4 foot southwest of the northeast end of the northwest concrete abutment and handrail base; a chiseled triangle. **Note Chiseled triangle destroyed. 2nd Order	808.269 ft	NGVD 1929	IFC&WRC
N-09	6	BM Tablet IFC&WRC BM DEK 6 1955	In DeKalb County, Hicksville Quad., in the NE 1/4 of Sec. 6, T. 33 N., R. 15 E., 2nd P.M.; about 0.5 mile east of Newville; about 0.6 mile northeast along a blacktop and gravel road from its intersection with State Road 8 at Newville; set in the top of a concrete post, 200.0 feet west of the centerline of a farm field entrance to the south, 190.0 feet west of a 20.0 inch twin trunked Elm tree, 22.0 feet south of the centerline of the road, 3.7 feet north of a fence line, 0.3 foot above the ground; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "DEK 6 1955". **Note BM Tablet destroyed. 2nd Order	823.519 ft	NGVD 1929	IFC&WRC
N-10	5	Chiseled Triangle IFC&WRC BM SJ 16 1955	In DeKalb County, Hicksville Quad., in the NW 1/4 of Sec. 5, T. 33 N., R. 15 E., 2nd P.M.; about 0.8 mile east of Newville; about 0.45 mile southeast along State Road 8 from the crossroads at Newville to a gravel crossroad, thence 1.0 mile northeast along the gravel	809.406 ft	NGVD 1929	IFC&WRC

road to a eight foot x ten foot box culvert over the Melissa Kelly Ditch; set in the top of the southwest end of the northwest concrete abutment and handrail base, 10 feet northwest of the centerline of the road, 0.4 foot northeast of the southwest end of the northwest concrete abutment and handrail base, 0.2 foot above the road; a chiseled triangle.
**Note chiseled triangle destroyed.
2nd Order

RICHLAND TWP

T. 34 N. R. 12 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
R-01	4	Std. Tablet 14 RHP 1951 933	5.0 miles N. of, at SE corner Sec. 4, T. 34 N., R. 12 E., 23.0 feet N. of gravel road in line w/ T road E., 3.0 feet NE of corner fence post, in concrete post; std. tablet stamped "14 RHP 1951 933".	933.149 ft	NGVD 1929		USGS
R-02	21	Std. Tablet 15 RHP 1951 900	3.0 miles N. of, at NE corner Sec. 21, T. 34 N., R. 12 E., 24.0 feet W. of SR 327 on line w/ gravel T road E., 3.0 feet NE of corner fence post, in concrete post; std. tablet stamped "15 RHP 1951 900".	899.434 ft	NGVD 1929		USGS
R-03	21	Std. Disk K 21	3.7 miles E. along NY Central RR from Main Street in Kendallville, or about 2.5 miles W. along same from Main Street (SR 327 bridge over RR) in Corunna, about 245 yards W. of nos. 3751 W. and 3752 E. RR traffic lights, about 50 yards S. of graveled public road, 39.0 feet E. of C/L of driveway to a house on S. side of RR, 28.4 feet S. of S. rail of main line double tracks, 2.7 feet lower than same, 12.5 feet ENE of creosoted telephone pole, and projecting 0.7 foot.	980.602 ft	NGVD 1929		USGS
R-04	2	BM Tablet USC&GS BM M 21 1934	In DeKalb County, Waterloo Quad., in the NW 1/4 of Sec. 2, T. 34 N., R. 12 E., 2nd P.M.; about 4.87 miles west-northwest of Waterloo; at the Penn Central Railroad bridge no. 81-1/2 over County Road 17; set on the top of the northend of the east stone abutment, 12.0 feet north of the north most rail, 1.6 feet southwest of the northeast end of a stone course, about 5.0 feet below the railroad bed; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "M 21 1934". 2nd Order	936.816 ft	NGVD 1929		USC&GS

SMITHFIELD TWP

T. 35 N. R. 13 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
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SM-01	22	Std. Disk in top of cnc. Post USC&GS H 22 1934	About 2.7 miles N. along Ft. Wayne-Jackson (MI) Branch of NY Central RR from its junction w/ main line at Waterloo, 44.0 feet SE of SE rail. 82.0 feet SE of SE corner of a 1 foot x 3 1/2 foot concrete corner fence post, 20.0 feet S. of centerline of County Road 14 graveled county road, 0.5 foot lower than same, 1.3 feet W. of steel witness post, and projecting 1.7 feet above ground.	952.734 ft	NGVD 1929	USC&GS
SM-02	18	Std. Tablet W 6 1938 8	2.5 miles S. of, 0.5 mile N. and 3.5 miles E. of Fairfield Center, 20.0 feet N. and 40.0 feet W. from crossroads, in concrete post; std. tablet stamped "W 6 1938 98" 8". **Note: Reference mark, 20.0 feet W. of tablet, on concrete base of iron fence post; a chiseled square.	982.536 ft	NGVD 1929	USGS
				982.280 ft	NGVD1929	USGS
SM-03	31	Chiseled Triangle	A chiseled triangle at SW corner of CR 27 bridge over Cedar Creek.	905.673 ft	NGVD 1929	USGS
SM-04	30	RR SPK / TAG	A RR SPK through an aluminum tag in power pole no. 1983 near CR 20 bridge over Cedar Creek.	917.503 ft	NGVD 1929	USGS
SM-05	30	Chiseled Square	A chiseled square on East end of Cedar Creek control structure.	898.150 ft	NGVD 1929	USGS
SM-06	33	RR SPK / TAG	A RR SPK with IDNR tag in West side of twin trunk 20" diameter cottonwood tree at NE end of CR 31 bridge over Cedar Creek.	898.623 ft	NGVD 1929	IDNR
SM-07	33	Chiseled Triangle	A chiseled triangle on concrete wingwall at NE corner of CR 24 bridge over Cedar Creek.	899.138 ft	NGVD 1929	USGS
SM-08	33	RR SPK / TAG	A RR SPK with IDNR tag in South side of power pole on North side of CR 24, 0.04 mile West of CR 24 and CR35 intersection.	903.903 ft	NGVD 1929	IDNR
SM-09	33	RR SPK / TAG IDNR TBM DLK CR24.4 1992	In DeKalb County, Waterloo Quad, in the SE 1/4 of Section 33, T. 35 N., R. 13 E. 2nd P.M.; about 0.4 mile west along County Road 24 from its intersection with County Road 35 to a power pole, on the north side of the road; set in the south side of a power pole, 21.0 feet north of the centerline of County Road 24, 0.5 foot above the ground; a railroad spike driven through an aluminum tag, stamped "DLK 1992". 3rd Order	903.827 ft	NGVD 1929	IDNR
SM-10	32	RR SPK / TAG IDNR TBM DLK CR31 1992	In DeKalb County, Waterloo Quad, in the SE 1/4 of Section 32, T. 35 N., R. 13 E. 2nd P.M.; about 1.4 miles west of Waterloo; at the County Road 31 bridge over Cedar Creek, near the northeast corner of the bridge; set in the west side of a double trunked Cottonwood tree, 27.0 feet north of the centerline of Cedar Creek, 18.0 feet east of the centerline of County Road 31, 0.5 foot above the ground; a railroad spike driven through an aluminum tag, stamped "DLK 1992" **Note: This mark was recovered 9/30/1999 and the railroad spike was almost overgrown by the tree. 3rd Order	898.566 ft	NGVD 1929	IDNR
SM-11	31	Chiseled Triangle IDNR TBM	In DeKalb County, Waterloo Quad, in the NE 1/4 of Section 31, T. 35 N., R. 13 E. 2nd P.M.; about 2.5 miles northwest of Waterloo; at the southwest corner of the County Road 27	905.973 ft	NGVD 1929	IDNR

		DLK 3 1979	bridge over Cedar Creek; set on the top of the parapet wall, 23.0 feet south of the centerline of Cedar Creek, 16.0 feet west of the centerline of County Road 27; a chiseled triangle. 3rd Order				
SM-12	30	RR SPK / TAG IDNR TBM CEDAR 20 1991	In DeKalb County, Waterloo Quad, in the S 1/2 of Section 30, T. 35 N., R. 13 E. 2nd P.M.; about 3.0 miles northwest of Waterloo; near the northeast corner of the County Road 20, a 30.0 foot concrete bridge over Cedar Creek; set in the south side of a power pole, about 200.0 feet east of the east end of the bridge, 19.0 feet north of the centerline of County Road 20, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag. Stamping unknown. 3rd order	917.490 ft	NGVD 1929	IDNR	
SM-13	31	Chiseled Triangle IDNR TBM DLK 3 1977	In DeKalb County, Waterloo Quad, in the NE 1/4 of Section 31, T. 35 N., R. 13 E. 2nd P.M.; about 2.45 miles northwest of Waterloo; at the County Road 27 30.0 foot concrete bridge over Cedar Creek; set in the top of the south end of the west concrete curb, 15.5 feet west of the centerline of the road, 3.4 feet north of the southwest end of the curb, 0.6 foot above the bridge floor; a chiseled triangle. 2nd order	905.673 ft	NGVD 1929	IDNR	
SM-14	31	Chiseled Triangle IDNR TBM DLK 4 1977	In DeKalb County, Waterloo Quad, in the N 1/2 of Section 31, T. 35 N., R. 13 E. 2nd P.M.; about 3.0 miles northwest of Waterloo; at the County Road 20 30.0 foot concrete bridge over Cedar Creek; set in the top of the southeast corner of the concrete bridge floor, 11.7 feet south of the centerline of the road, 0.1 foot west of the east end of the bridge floor; a chiseled triangle. 2nd order	910.526 ft	NGVD 1929	IDNR	
SM-15	30	Chiseled Square USGS RM No. 1 Gaging Station Cedar Lake	In DeKalb County, Waterloo Quad, in the SW 1/4 of Section 30, T. 35 N., R. 13 E. 2nd P.M.; about 3.28 miles northwest of Waterloo; at the Cedar Lake control structure; 1.3 miles north along County Road 23 from its intersection with U.S. Hwy 6 to a T-road east leading to an abanded gravel pit, thence 0.3 mile generally east to an "A" frame house on the north side of the road; set on the top of the southwest corner of the east abutment of the control structure in the outlet channel for Cedar Lake; a chiseled square. 2nd Order	898.150 ft	NGVD 1929	USGS	
SM-16	30	Chiseled Square USGS RM No. 3 Gaging Station Cedar Lake	In DeKalb County, Waterloo Quad, in the SW 1/4 of Section 30, T. 35 N., R. 13 E. 2nd P.M.; about 3.28 miles northwest of Waterloo; at the Cedar Lake control structure; 1.3 miles north along County Road 23 from its intersection with U.S. Hwy 6 to a T-road east leading to an abanded gravel pit, thence 0.3 mile generally east to an "A" frame house on the north side of the road; set on the top of the southeast corner of the west abutment of the control structure in the outlet channel for Cedar Lake; a chiseled square. 2nd Order	898.163 ft	NGVD 1929	USGS	

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
S-01	32	ISHC BM Tablet in concrete Post not stamped	In DeKalb County, Saint Joe Quad., in the SW 1/4 of Section 32, T. 33 N., R. 14 E., 2nd P.M.; about 1.4 miles southwest of Spencerville; in the northwest 1/4 of the intersection of State Road 1 and the DeKalb-Allen County Line Road leading west; set in the top of a concrete post, 45.0 feet north of the centerline of County Line Road, 43.0 feet northwest of State Road 1, 24.0 feet southeast of power pole no. 0 471-3, about 6.0 feet below State Road 1, about 8 inches above the ground; a Indiana State Highway Commission Bench Mark tablet, **Note: "not stamped". 2nd Order	791.596 ft	NGVD 1929		ISHC
S-02	6	Std. Disk INDOT not stamped H 199	In Allen County, in Springfield Township, Section 6, T. 32 N., R. 14 E., 2nd P.M.; About 2.4 miles SW along SR 1 from main corner in Spencerville, about 4.0 miles northeasterly along same Hwy. from NE corner of cemetery in Leo, about 0.9 mile SW of crossing of Wabash Railroad, in top of east end of west wing wall of a 29.0 foot concrete bridge, 29.0 feet NW of centerline of Hwy., 4.5 feet lower than same. The above listed stamping on mark was done by Coast & Geodetic party leveling over mark in 1946. ** Note: Though there are places for such stamping, it has not been stamped by State Highway Commission Survey.	788.109 ft	NGVD 1929		INDOT
S-03	6	Std. Disk in top Of culvert Headwall G 199	In Allen County, in Springfield Township, Section 6, T. 32 N., R. 14 E., 2nd P.M.; About 1.8 miles southwesterly along SR 1 from main corner in Spencerville, about 0.4 mile SW of intersection of Hwy. and County Line Road, about 0.25 mile SW of crossing of Wabash Railroad, 1.2 feet SW of NE end of 5.5 foot NW concrete headwall of 14" diameter pipe culvert, 25.5 feet NW of centerline of 20.0 foot Hwy. pavement, and 2.0 feet lower than same.	789.011 ft	NGVD 1929		USGS
S-04	32	Std. Disk in top Of culvert Headwall USC&GS BM F 199 1946	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Section 32, T. 33 N., R. 14 E., 2nd P.M.; about 0.6 mile southwest of Spencerville; about 0.6 mile southwest along State Road 1 from the U.S. Post Office at Spencerville, and 0.8 mile northeast of the DeKalb-Allen County Line, and 0.5 mile northeast of the entrance to "White City Cemetery"; set in the northeast end of the northwest concrete headwall of a 16" dia. pipe culvert under State Road 1, 15.5 feet northwest of the centerline of State Road 1, about level with State Road 1; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "F 199 1946". 2nd Order	802.961 ft	NGVD 1929		USC&GS
S-05	28	BM Tablet USC&GS BM E 199 1946	In DeKalb County, Saint Joe Quad., in the SW 1/4 of Section 28, T. 33 N., R. 14 E., 2nd P.M.; about 0.1 mile northeast of Spencerville; about 0.4 mile northeast along State Road 1 from the U.S. Post Office at Spencerville, at a 18" dia. pipe culvert under State Road 1; set in the top of the northeast end of the northwest concrete headwall, about 100 yards southwest of the junction of a black top road leading south, 0.1 mile northeast of the Spencerville City Limits sign. 20.5 feet northwest of and about 3.0 feet below the centerline of State Road 1; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "E 199 1946". 2nd Order	817.328 ft	NGVD 1929		USC&GS

S-06	28	BM Tablet USC&GS BM D 199 1946	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Section 28, T. 33 N., R. 14 E., 2nd P.M.; about 1.4 miles northeast of Spencerville; about 1.4 miles northeast along State Road 1 from the U.S. Post Office at Spencerville, to a gravel road crossing; set in the top of the northeast corner of a "L" shaped concrete headwall of a pipe culvert under the gravel road, about 400.0 feet south of a 15.0 foot concrete bridge, 28.0 feet south of the centerline of the gravel road, 16.0 feet west of the centerline of State Road 1, about 1.0 foot above the highway; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "D 199 1946". 2nd Order	810.612 ft	NGVD 1929	USC&GS
S-07	26	Std. Disk in top of cnc. Post D 201	About 0.6 mile E. along road crossing St. Joe River from its intersection w/ SR 1 at point 1 block S. of U.S. Post Office in Spencerville, thence along same road 0.2 mile N., thence 2.3 miles E. to intersection w/ SR 101 and mark on left, or from oblique intersection of Antwerp Road and SR 37 in Harlan go NE on latter about 3.9 miles and thence 3.5 miles N. along SR 101, 45.0 feet N. of centerline of E-W road, 39.0 feet E. of centerline of Highway, 1.7 feet lower than same, 1.0 foot W. of fence, 1.6 feet N. of steel witness post, and projecting 0.2 foot above ground.	843.496 ft	NGVD 1929	USGS
S-08	26	Std. Disk in top of cnc. Post C 201	About 0.6 mile E. along road crossing St. Joe River from its intersection w/ SR 1 at point 1 block S. of U.S. Post Office in Spencerville, thence 0.2 mile N., thence 1.3 miles E. to crossroads and mark, 30.0 feet E. of centerline of CR 63, 27.0 feet N. of centerline of CR 68, 1.2 feet higher than intersection, and projecting 0.3 foot above the ground.	850.113 ft	NGVD 1929	USGS
S-09	27	Std. Disk in top of cnc. Post B 201	About 0.6 mile E. along a paved road from its intersection w/ SR 1 at a point about 0.1 mile S. of main corner and U.S. Post Office in Spencerville, thence 0.2 mile N., thence 0.7 mile E. along CR 68 to mark on left, 263.0 feet W. of centerline of CR 61 from the S., 18.0 feet N. of centerline of road, 0.4 foot lower than same, 14.0 feet W. of power pole no. D 452-10, about 1.6 feet W. of steel witness post, and projecting 0.2 foot above ground. **Note: bench mark tore out when new bridge constructed, J.Teders 4-30-2004	821.357 ft	NGVD 1929	USGS
S-10	33	BM Tablet USC&GS BM A 201 1946	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Section 33, T. 33N., R. 14 E., 2nd P.M.; about 0.5 mile east of Spencerville; about 0.5 mile east along a paved road from the U.S. Post Office at Spencerville; at the covered bridge over the St. Joseph River; set near the northwest corner of the bridge, in the top of the west end of the north concrete retaining side wall of the west concrete approach, 55.0 feet west of the west end of the covered part of the bridge, 8.5 feet north of the centerline of the road, about 1.5 feet above the road; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "A 201 1946". **Note: Bench mark tore out when new bridge constructed, J. Teders 4-30-2004 2nd Order	800.579 ft	NGVD 1929	USC&GS
S-11	33	Std. Disk on NW Headwall of new concrete bridge	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Section 33, T. 33N., R. 14 E., 2nd P.M.; about 0.5 mile east of Spencerville; on the NW headwall of the new concrete bridge over the St. Joe River, south of the Spencerville covered bridge; a brass disk, stamped	803.701 ft	NGVD 1929	USGS

		DEK F 63	"DEK F 63". 2nd Order				
S-12	14	Std. Disk INDOT F 43 DEK	In DeKalb County, Saint Joe Quad., in the SW 1/4 of Section 14, T. 33N., R. 14 E., 2nd P.M.; approximately 1.0 miles east of Saint Joe; at the County Road 60 bridge over the St. Joseph River; set in the top of the northeast concrete bridge abutment, 26.2 feet west of the east end of the north concrete guardrail of the bridge, 20.2 feet north of the centerline of the bridge, 5.0 feet west of the west side of the expansion joint of the bridge, 0.8 foot east of the west face of the bridge abutment, 0.65 foot north of the north face of the concrete guardrail of the bridge, about level with the road; a Indiana Department of Transportation bench mark disk, stamped "F 43 DEK". 3rd Order	808.820 ft	NGVD 1929		INDOT
S-13	27	2 Chiseled Lines that form a Square IDNR TBM CRB 64 1999	In DeKalb County, Saint Joe Quad., in the NW 1/4 of Section 27, T. 33N., R. 14 E., 2nd P.M.; approximately 1.2 miles northeast of Spencerville; at the County Road 79 bridge over the St. Joseph River; set in the top of the southwest concrete bridge abutment, in the southeast corner of the abutment; 15.5 feet south of the centerline of the road, 2.0 feet south of the aluminum guardrail of the bridge; two chiseled lines that form a square. 3rd Order	802.400 ft	NGVD 1929		IDNR
S-14	23	BM Tablet IFC&WRC BM DEK 1 1955	In DeKalb County, Saint Joe Quad., in the NW 1/4 of Section 23, T. 33N., R. 14 E., 2nd P.M.; about 1.2 miles east of St. Joe; about 0.85 mile northeast along State Road 1 from the U.S. Post Office at St. Joe to a road south, thence 0.3 miles south to a steel truss bridge over the St. Joseph River; set in the top of the east end of the north bridge seat, 11.0 feet east of the centerline of the road, about 1.5 feet below the road, 1.3 feet north of the south face of the north abutment, a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "DEK 2 1955". 2nd Order	803.214 ft	NGVD 1929		IFC&WRC
S-15	33	Chiseled Square IDNR TBM SJ 13 1955	In DeKalb County, Saint Joe Quad., in the NE 1/4 of Section 33, T. 33N., R. 14 E., 2nd P.M.; about 0.5 mile east of Spencerville; about 0.5 mile east along a paved road from the U.S. Post Office at Spencerville; at the covered bridge over the St. Joseph River; set near the southwest corner of the bridge, in the top of the west end of the south concrete retaining side wall of the west concrete approach, 55.0 feet west of the west end of the covered part of the bridge, 8.5 feet south of the centerline of the road, about 1.5 feet above the road; a chiseled square. 2nd Order	800.595 ft	NGVD 1929		IDNR
S-16	22	BM Tablet IFC&WRC BM DEK 1 1955	In DeKalb County, Saint Joe Quad., in the SW 1/4 of Section 22, T. 33N., R. 14 E., 2nd P.M.; about 1.5 miles southeast of St. Joe; about 1.4 miles northeast along State Road 1 from the U.S. Post office at Spencerville to a gravel cross road, thence 0.35 miles east along the gravel road to a wooden covered bridge over the St. Joseph River; set in the top of the north end of the third pier east of the west abutment of the bridge, 24.0 feet west of the west end of the covered part of the bridge, 8.5 feet north of the centerline of the road, about 1.0 foot below the road; a Indiana Flood Control and water Resources Commission benchmark tablet, stamped "DEK 1 1955".	797.858 ft	NGVD 1929		IFC&WRC

2nd Order

S-17	22	BM Tablet USC&GS BM B 199 1946	In DeKalb County, Saint Joe Quad., in the NW 1/4 of Section 22, T. 33N., R. 14 E., 2nd P.M.; at St. Joe;about 0.5 mile southwest along State Road 1 from the U.S. Post Office at St. Joe, to a street crossing (black top leading west and gravel leading east), at a 16 inch pipe culvert under the street; set in the top of the northwest corner of the L-shaped headwall of the culvert, about 150 yards southwest of the southwest corner of the Concord Township High School, 18.0 feet south of the centerline of the street leading east to the school, 17.0 feet east of the centerline of State Road 1, 11.0 feet north of the "CITY LIMITS" sign post, about 0.3 foot above the highway; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "B 199 1946". 2nd Order	825.116 ft	NGVD 1929		USC&GS
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STAFFORD TWP T. 34 N. R. 15 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
ST-01	7	Std. Disk in drill hole in bridge Wingwall H 201 Reset	About 1.1 mile E. along U.S. Hwy 6 from its intersection with SR 1 in center of Butler, about 80 yards E. of NY Central RR No. B 358 milepost, about 25 yards S. of centerline of highway, about level with same, in top of next to bottom level of stair stepped concrete top of large stone masonry N. wingwall of E. abutment of 32.0 foot steel plate girder RR bridge, 18.0 feet N. of N. rail of double tracks, 9 1/2 feet lower than top of same, 3.0 feet SW of NE end of wingwall, and 1.5 feet SE of NW face of same.	854.685 ft	NGVD 1929		USGS
ST-02	6	Std. Disk in drill hole in bridge Headwall J 201	About 1.7 mile E. along U.S. Hwy 6 from its intersection with SR 1 in center of Butler, about 67.0 feet S. of centerline of Highway, 2.1 feet higher than same, in top of E. end of N. head or curbwall of 10.0 foot concrete culvert under NY Central RR, 26.0 feet N. of N. rail of double tracks, 10.5 feet lower than top of same, 1.3 feet W. of E. end of headwall, and 0.8 foot S. of N. face of same.	849.765 ft	NGVD 1929		USGS
ST-03	6	Std. Disk in top of concrete Post K 201 Reset	About 2.5 mile E. along U.S. Hwy 6 from its intersection with SR 1 in heart of Butler, about 67 yards E. of 24 inch concrete pipe culvert under Highway, 59 1/2 feet NE of No. 3561-W RR traffic light, 47.0 feet S. of centerline of 24.0 feet Highway pavement, 0.5 foot higher than same, 46.0 feet N. of N. rail of NY Central RR double tracks, about 6.0 feet lower than top of same, 2.0 feet E. of a steel witness post, and flush with ground.	850.697 ft	NGVD 1929		USGS
ST-04	4	Std. Disk in drill hole in bridge Wingwall L 201	About 3.3 mile E. along U.S. Hwy 6 from its intersection with SR 1 in Butler, 0.5 mile W. of Indiana & Ohio State Line, about 100 yards E. of CR 79, about 25 yards S. of centerline of U.S. Highway 6, about level with same, 22.0 feet N. of N. rail of NY Central RR double tracks, 12.0 feet lower than top of same, in top	840.130 ft	NGVD 1929		USGS

			surface of bottom level of stair stepped large stone masonry of NE wingwall of stone arch RR bridge, about 5.0 feet above ground, about 10.0 feet above bottom of stream, 1.0 foot SE of NW face of wingwall, and 1.0 foot SW of NE end of same.				
ST-05	19	Std Tablet 42 RHP 1951 842	In Williams County, Ohio, Butler Quad., in NW 1/4 of Section 19, T. 6 N., R. 1 E.; 3.8 miles E. of, along U.S. Highway 6, thence 2.0 miles N.; 500.0 feet E. of Indiana Ohio State Line; 250.0 feet W. of Y road fork; on N. side of road; in top of center on NW concrete wingwall of steel bridge over Fish Creek; std. tablet stamped "42 RHP 1951 842". ** Note: see Williams County Ohio, benchmark ID WM-01	842.343 ft	NGVD 1929		USGS USGS
ST-06	29	Chiseled Triangle IDNR TBM SR CR79 1999	In DeKalb County, Hicksville Quad., in the SE 1/4 of Section 29, T. 34 N., R. 15 E., 2nd PM.; approximately 2.25 miles northeast of Newville; at the County Road 79 bridge over the St. Joseph River; set in the top of the southwest concrete bridge abutment, 14.3 feet west of the centerline of the road, 0.6 foot south of the expansion joint of the bridge, 0.4 foot east of the west face of the bridge abutment, level with the road; a chiseled triangle. 3rd Order	820.056 ft	NGVD 1929		IDNR
ST-07	5	RR SPK IFC&WRC TBM SJ 120 1955	In DeKalb County, Hicksville Quad., in the NW 1/4 of Section 5, T. 34 N., R. 15 E., 2nd PM.; about 1.25 miles northeast of Newville; about 0.45 mile southeast along State Road 8 from the crossroads at Newville to a gravel crossroad, thence about 1.4 miles northeast along the gravel road; set in the east side of a 30 inch Cottonwood tree, about 120.0 feet southwest along the road from the R. Marr mailbox, about 25.0 feet northwest of the centerline of the road, about 5.0 feet east of a fence; a railroad spike. 2nd Order **Note: Destroyed	822.311 ft	NGVD 1929		IFC&WRC
ST-08	31	BM Tablet IFC&WRC TBM DEK 7 1955	In DeKalb County, Hicksville Quad., in the SE 1/4 of Section 31, T. 34 N., R. 15 E., 2nd PM.; about 1.1 miles northeast of Newville; about 1.5 miles northeast along a blacktop and gravel road from its intersection with State Road 8 at Newville to a "T" road west, in the southwest 1/4 of the intersection; set in the top of a concrete post, 55.0 feet south of the centerline of the road west, 24.0 feet south of a fence corner post, 22.0 feet west of the centerline of the road, 6.0 feet east of a fence, 0.3 foot above the ground; a Indiana Flood Control and Water Resources Commission bencemark tablet, stamped "DEK 7 1955". 2nd Order **Note: Destroyed	820.836 ft	NGVD 1929		IFC&WRC
ST-09	30	RR SPK IFC&WRC TBM SJ 118 1955	In DeKalb County, Hicksville Quad., in the SE 1/4 of Section 30, T. 34 N., R. 15 E., 2nd PM.; about 1.7 miles northeast of Newville; about 2.1 miles northeast along a blacktop and gravel road from its intersection with State Road 8 at Newville at a bend in the gravel road with tangents south and northeast; set in a power pole, the 1st pole northeast of pole no. L 584/30, 30.0 feet west of the centerline of the road; a railroad spike. 2nd Order **Note: Destroyed	830.208 ft	NGVD 1929		IFC&WRC
ST-10	29	BM Tablet IFC&WRC TBM DEK 8 1955	In DeKalb County, Butler East Quad., in the SW 1/4 of Section 29, T. 34 N., R. 15 E., 2nd PM.; about 4.0 miles southeast of Butler; about 2.2 miles northeast along a blacktop and gravel road from its intersection with State Road 8 at Newville to a "T" road east,	804.383 ft	NGVD 1929		IFC&WRC

thence 0.45 mile east and northeast to a small bridge over Buck Creek; set in the top of the south end of the west abutment, 7.5 feet south of the centerline of the road, 0.6 foot west of the west end of the south steel girder, level with the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "DEK 8 1955".
2nd Order **Note: Destroyed

ST-11	29	BM Tablet IFC&WRC TBM DEK 9 1955	In DeKalb County, Hicksville Quad., in the SE 1/4 of Section 29, T. 34 N., R. 15 E., 2nd PM.; about 2.5 miles northeast of Newville; about 2.2 miles northeast along a blacktop and gravel road from its intersection with State Road 8 at Newville to a "T" road east, thence 1.15 mile generally east to a crossroad, thence 0.1 mile south to a steel truss bridge over the St. Joseph River; set in the top of the west end of the north bridge seat, 10.5 feet west of the centerline of the road, 1.5 feet below the road, 1.0 foot north of the south face of the north abutment; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "DEK 9 1955". 2nd Order **Note: Destroyed	813.178 ft	NGVD 1929		IFC&WRC
ST-12	28	RR SPK IFC&WRC TBM SJ 121 1955	In DeKalb County, Butler East Quad., in the NE 1/4 of Section 28, T. 34 N., R. 15 E., 2nd PM.; about 4.3 miles southeast of Butler; about 2.2 miles northeast along a blacktop and gravel road from its intersection with State Road 8 at Newville to a "T" road east, thence 1.15 mile generally east to a crossroad, thence about 0.4 mile generally northeast; set in a ten-inch Chinese Elm tree, about 23.0 feet north of the centerline of the gravel road, 1.5 feet south of a fence line, 0.5 foot above the road; a railroad spike. 2nd Order **Note: Destroyed	822.894 ft	NGVD 1929		IFC&WRC

TROY TWP T. 35 N. R. 15 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
T-01	17	Std. Tablet 43 RHP 1951 875	4.0 miles N. of, thence 2.5 miles E.; 1.0 mile W. of Indiana-Ohio State Line; near S 1/4 corner of Section 17, T. 35 N., R. 15 E.; 21.0 feet N. and 21.0 feet E. of crossroads; in concrete post; std. tablet stamped "43 RHP 1951 875".	875.15 ft	NGVD 1929		USGS
T-02	29	Chiseled Triangle IDNR TBM FISH 113 1996	In DeKalb County, Butler East Quad., in the SE 1/4 of Sec. 29, T. 35 N., R. 15 E., 2nd P.M.; about 0.5 mile south of Artic; at the County Road 79 bridge over Fish Creek; set in the west corner of the north end of the bridge deck, 13.5 feet west of centerline of County Road 79, 0.8 foot east of the concrete guardrail, 0.4 foot south of the north end of the bridge deck; a chiseled triangle. 3rd Order	848.695 ft	NGVD 1929		IDNR
T-03	28	RR SPK / TAG IDNR TBM FISH 2 1992	In DeKalb County, Butler East Quad., in the SE 1/4 of Sec. 28, T. 35 N., R. 15 E., 2nd P.M.; about 0.7 mile southeast of Artic; about 0.75 mile south along County Road 79 from its intersection with County Road 16 in Artic to its intersection with County Road 18, thence 0.3 mile east along County Road 18, set in the north side of utility pole no.	859.662 ft	NGVD 1929		IDNR

			D 205-21, 23.5 feet south of the centerline of County Road 18, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 2 1991". 3rd Order			
T-04	29	RR SPK / TAG IDNR TBM FISH 4 1992	In DeKalb County, Butler East Quad., in the SE 1/4 of Sec. 29, T. 35 N., R. 15 E., 2nd P.M.; about 0.7 mile south of Artic; about 0.75 mile south along County Road 79 from its intersection with County Road 16 in Artic to its intersection with County Road 18, thence 0.25 mile west along County Road 18, set in utility pole no. D 204/30, 19.0 feet south of the centerline of County Road 18, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 4 1992". 3rd Order	872.380 ft	NGVD 1929	IDNR
T-05	29	Chiseled Triangle IDNR TBM FISH 5 1992	In DeKalb County, Butler East Quad., in the SW 1/4 of Sec. 29, T. 35 N., R. 15 E., 2nd P.M.; about 0.85 mile southwest of Artic; at the Norfolk and Western Railroad bridge over Fish creek; set in the southwest wingwall, 8.5 feet northwest of the centerline of the tracks, 1.0 foot northeast of the southwest corner of the bridge, 1.5 feet below the top of the rail; a chiseled triangle. 3rd Order	856.875 ft	NGVD 1929	IDNR
T-06	20	Chiseled Triangle IDNR TBM FISH 6 1992	In DeKalb County, Butler East Quad., in the SW 1/4 of Sec. 20, T. 35 N., R. 15 E., 2nd P.M.; about 0.65 mile east of Artic; at the County Road 16 bridge over Fish Creek; set on the top of the bridge floor, at the northeast corner, 11.5 feet north of the centerline of County Road 16, 2.5 feet west of the north east corner of the bridge, level with the road, a chiseled triangle. 3rd Order	854.568 ft	NGVD 1929	IDNR
T-07	16	BM Tablet USGS BM 43 RHP 1951	In DeKalb County, Butler East Quad., in the South 1/2 of Sec. 16, T. 35 N., R. 15 E., 2nd P.M.; about 1.1 miles northwest of Artic; at the intersection of County Road 12 and County Road 77; set in the top of a concrete post, 21.0 feet north of centerline of County Road 12, 21.0 feet west of the centerline of County Road 77, 0.5 foot below the surface of the road; a U.S. Geological Survey Bench Mark tablet stamped "43 RHP 875 1951". 3rd Order **Note: I.D.N.R. READJUSTED	874.871 ft	NGVD 1929	USGS
T-08	20	RR SPK / TAG IDNR TBM FISH 7 1992	In DeKalb County, Butler East Quad., in the SE 1/4 of Sec. 20, T. 35 N., R. 15 E., 2nd P.M.; about 0.65 mile northwest of Artic; about 0.4 mile north along County Road 77 from its intersection with County Road 16 to a utility pole; set in the north east side of the pole, 16.0 feet east of the centerline of County Road 77, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 7 1992". 3rd Order	869.347 ft	NGVD 1929	IDNR
T-09	19	Chiseled Triangle IDNR TBM FISH 8 1992	In DeKalb County, Butler East Quad., in the NE 1/4 of Sec. 19, T. 35 N., R. 15 E., 2nd P.M.; about 1.5 miles northwest of Artic; at the County Road 12 bridge over Fish Creek; set on top of the southwest bridge seat, 13.0 feet south of the centerline of the bridge, 0.3 foot west of the east face of the bridge seat, flush with the road; a chiseled triangle. 3rd Order	860.995 ft	NGVD 1929	IDNR

T-10	18	RR SPK / TAG IDNR TBM FISH 9 1992	In DeKalb County, Butler East Quad., in the NW 1/4 of Sec. 18, T. 35 N., R. 15 E., 2nd P.M.; about 2.4 miles northwest of Artic; about 0.65 mile northwest along County Road 73 from its intersection with County Road 12 to a utility pole no. D 161/37 with a transformer; set on the northwest side of the utility pole, 60.0 feet northeast of the centerline of the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 9 1992". 3rd Order	868.839 ft	NGVD 1929		IDNR
T-11	7	Chiseled Triangle IDNR TBM FISH 10 1992	In DeKalb County, Edon Quad., in the SW 1/4 of Sec. 7, T. 35 N., R. 15 E., 2nd P.M.; about 5.0 miles south-southwest of Alvarado; at the Campbell Bridge (County Road 8) over Fish Creek; set on the top of the northeast wingwall, 13.0 feet north of the centerline of County Road 8, flush with the bridge floor; a chiseled triangle. 3rd Order	867.563 ft	NGVD 1929		IDNR
T-12	7	RR SPK / TAG IDNR TBM FISH 11 1992	In DeKalb County, Edon Quad., near the Center of Sec. 7, T. 35 N., R. 15 E., 2nd P.M.; about 4.5 miles south-southwest of Alvarado; about 0.5 mile south along County Road 73 from its "T" road intersection with County Road 4A to utility pole no. D 140-70 with a transformer; set on the north side of the pole, 20.5 feet west of the centerline of County Road 73, 150.0 feet north of the centerline of a residential drive, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 11 1992". 3rd Order	871.396 ft	NGVD 1929		IDNR
T-13	7	Chiseled Triangle IDNR TBM FISH 12 1992	In DeKalb County, Edon Quad., in the NW 1/4 of Sec. 7, T. 35 N., R. 15 E., 2nd P.M.; about 4.0 miles southwest of Alvarado; at the Gaskill Bridge (County Road 71) over Fish Creek; set in the top of the northwest corner of the bridge floor, 11.5 feet northwest of the centerline of County Road 71, 3.0 feet southwest of the northeast end of the bridge, level with the road; a chiseled triangle. 3rd Order	873.979 ft	NGVD 1929		IDNR
T-14	18	Chisled Square North End Bridge	About 4.0 miles N. of, thence 1.0 mile E.; 23.0 feet NE of crossroads; on N. end of bridge over stream; chiseled square. **Note: Actually In Troy Twp. Sec. 18 T. 35 N., R. 15 E. See Franklin BM F-01	875.35 ft	NGVD 1929		Unknown

UNION TWP T. 34 N. R. 13 E.							
ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
U-01	17	Std. Disk in top of cnc .Post K 22	About 2.2 miles northerly along NY Central (FT. Wayne Branch) RR from 7th Street crossing (RR station has been removed) in Auburn or 2.8 miles south-southwest along branch line from main line at Waterloo, about 1.0 mile north-northeast of entrance to old Auburn Airport, 45.0 feet southeast of southeast rail, 37.0 feet north of centerline of CR 36, 0.8 foot lower than same, projecting 0.9 foot above the ground, 12.5 feet northeast of	895.172 ft	NGVD 1929		USGS

			end of right of way fence, 2.0 feet northwest of fence, and 1.5 feet northeast of steel witness post. **Note: appears to be in GRANT TWP SECTION 17, T. 34 N. R. 13 E.				
U-02	31	Std. Disk in top of cnc .Post L 22	About 0.4 mile west along west 7th street (SR 8) from northwest corner of courthouse square in Auburn, at site of the old now removed RR station of the Ft. Wayne-Jackson (MI) Branch of NY Central RR, 36.0 feet south of centerline or 18.0 feet south of the line of the south curb of said street, 23.7 feet east-southeast of east-southeast rail of main line, 0.2 foot higher than top of same, flush with the ground, 15.4 feet west of northwest corner of woven steel fence, 7.3 feet south-southwest of projected line of fence from east-southeast.	869.030 ft	NGVD 1929		USGS
U-03	31	Std. Disk in top of cnc .Post M 22	About 1.1 miles southwest along Ft. Wayne Branch of NY Central RR from site of old now removed station at west 7th street crossing in Auburn, 0.1 mile north of the Ensley traffic control tower at the intersection of the said B&O RR, 0.1 mile west of the county road maintenance depot, 47.4 feet northwest of northwest rail of main line or 19.0 feet northwest of northwest rail of side track of the branch line RR, 24.0 feet south of centerline of 16.0 feet asphalt street, 0.6 foot higher than same, 0.4 foot lower than top of rails, 5.0 feet east-northeast of telephone cable pole, 1.3 feet southeast of steel witness post, and projecting 0.6 foot above the ground.	868.000 ft	NGVD 1929		USGS
U-04	31	Std. Disk in top of cnc .Post N 22	About 1.2 miles southwest along Ft. Wayne Branch of NY Central RR from west 7th street crossing in Auburn, about 60 yards northeast of northwest corner of the Ensley traffic control tower at intersection of the said B&O RR, 54.0 feet north of centerline of west Ensley Avenue, 24.9 feet southeast of southeast rail of main line of the branch RR, about level with the Avenue, 1.4 feet northeast of steel witness post, and projecting 0.5 foot above the ground.	866.865 ft	NGVD 1929		USGS
U-05	32	Bronze Disk D 198	About 0.65 mile southerly along former SR 427 from the courthouse in Auburn in south wall of old Auburn Electric & Water Works, (in stone on southeast wall of the building) about 100 yards south of Ensley Avenue, 45.0 feet southeast of the centerline of highway, 29.0 feet southeast of southeast curb of same, 2.6 feet southeast of westerly corner of building and 3.6 feet higher than sidewalk.	866.291 ft	NGVD 1929		USGS
U-06	32	Bronze Disk E 198	About 0.4 mile south along Cedar Street from southeast corner of the courthouse in Auburn, thence 0.3 mile south-southeast along 18th street to bridge and mark, about 55 yards west of intersection of CR 29 and CR 46A, about 125 yards southeast of crossing of Penn. RR in north wingwall of east abutment of an 82.0 foot steel bridge over Cedar Creek, 14.0 feet north of centerline of road, 2.4 feet lower than same, set in a drill hole 0.6 foot southwest of northeast end of next to tier of stone in wall.	857.862 ft	NGVD 1929		USGS
U-07	26	Std. Tablet 9 RHP 1951 881	About 1.0 mile east of along SR8, thence 2.1 miles northeast from along paved road, in NW 1/4 of Section 26, T. 34 N., R. 13 E., 43.0 feet North of paved road, 23.0 feet east of gravel road north, 44.0 feet southeast of southeast rail of Pennsylvania RR, 4.0 feet east of telephone pole, in concrete post; std. tablet stamped "9 RHP 1951 881".	880.519 ft	NGVD 1929		USGS
U-08	35	Std. Tablet 8 RHP 1951 872872	About 3.5 miles east of along SR 8; near center of Section 35, T. 34 N., R. 13 E.,; level with centerline of crossroads; 19.0 feet north of SR 8; 15.0 feet east of gravel road;	871.499 ft	NGVD 1929		USGS

			in concrete headwall of large culvert; std. tablet stamped "8 RHP 1951 872872"			
U-09	21	Boat SPK IDNR TBM HW CC 17 1983	At southwest corner of CR 40 Bridge over Cedar Creek , a boat spike set in the north side of an AEP power pole no. C3807, 17 feet south of centerline of the road, 30.5 feet west of the west end of the bridge, .9 foot above the grade, **Note: recovered 6-12-96	866.376 ft	NGVD 1929	IDNR
U-10	32	Chiseled Triangle IDNR TBM HW CC 15 1983	At steel girder bridge over Cedar Creek in Eckhart Park, a painted chiseled triangle set in the east wingwall 7.0 feet northeast of centerline of bridge, plus or minus 1.0 foot northwest of southeast end of bridge, 2.4 feet above the level of the road.	857.086 ft	NGVD 1929	IDNR
U-11	29	Chiseled Triangle IDNR TBM HW CC 16 1983	In Auburn at the 1rst Street Bridge over Cedar Creek, at the southwest corner of the bridge, a painted chiseled triangle set in the top step of an abutment, 23.0 feet south of the centerline of the road, 0.3 foot east of the west end of the abutment, 3.4 feet north of the south end of the abutment, about level with the sidewalk.	861.501 ft	NGVD 1929	IDNR
U-12	21	Bronze Disk ISHC BM 1983	At the CR 35 bridge over Cedar Creek, at the southwest corner of the bridge, a bronze ISHC BM Disk not stamped.	872.272 ft	NGVD 1929	ISHC
U-13	29	Chiseled Triangle IDNR TBM	In Auburn at the 1rst Street Bridge over Cedar Creek, at the southeast corner of the bridge, a painted chiseled triangle found in the top of the 3rd step of the bridge seat (lowest step), 2.6 feet south of the south face, 0.3 foot east of the west face of the bridge, 24.4 feet south of the centerline of 1rst Street.	860.136 ft	NGVD 1929	IDNR
U-14	21	Filed Line Forming Triangle IDNR TBM 1983	At CR 40 (Bridgewater) bridge over Cedar Creek, at the east end of the south steel guardrail, in the top of the guardrail support, a filed line forming a triangle, 13.0 feet south of the centerline of CR 40, 50.0 feet west of the east end of the guardrail, 2.3 feet above the road grade.	868.981 ft	NGVD 1929	IDNR
U-15	32	Std. Tablet IDNR TBM DEK 12 1987	In DeKalb County, Auburn Quad, at Auburn, SE 1/4 of Section 32, T. 34 N., R. 13 E., at the Eighteenth Street Bridge over Cedar Creek, set in the top near the west end of the south sidewalk of the bridge, 15.5 feet south of the centerline of the road, 0.9 foot east from the west end of the sidewalk, 0.5 foot above the roadway, an Indiana Department of Natural Resources bench mark tablet, stamped "DEK 12 1987".	861.703 ft	NGVD 1929	IDNR
U-16	32	Std. Tablet IDNR TBM DEK 14 1987	In DeKalb County, Auburn Quad, at Auburn, E 1/2 of Section 32, T. 34 N., R. 13 E., at the Iwo Street CMP over Cliff Metcalf Ditch, set in the top of a concrete post, 114.0 feet north from the CMP over the Cliff Metcalf Ditch, at the residence of 340 Iwo Street, 27.0 feet east from the centerline of Iwo street, 2.4 feet south from the south edge of driveway, 3.4 feet east from the east edge of sidewalk, 0.1 foot below the ground, an Indiana Department of Natural Resources bench mark tablet, stamped "DEK 14 1987".	858.606 ft	NGVD 1929	IDNR
U-17	33	Std. Tablet IDNR TBM DEK 15 1987	In DeKalb County, Auburn Quad, at Auburn, SE 1/4 of Section 33, T. 34 N., R. 13 E., at the intersection of Davidson Ct. and Allison Blvd., set in the top of a concrete post, 82.0 feet east from the centerline of Davidson Ct., 28.5 feet north from the centerline	863.851 ft	NGVD 1929	IDNR

			of Allison Blvd., at the residence of 1602 Allison Blvd., 43.0 feet west from the west edge of the driveway to the residence, 2.5 feet north from the north edge of the sidewalk, 0.1 foot below the ground, an Indiana Department of Natural Resources bench mark tablet, stamped "DEK 15 1987".			
U-18	32	Std. Tablet IDNR TBM DEK 16 1987	In DeKalb County, Auburn Quad, at Auburn, N 1/2 of Section 32, T. 34 N., R. 13 E., at the county courthouse, set in the top of a concrete post, near the southwest corner of the courthouse, 51.3 feet east from the centerline of Main street, 57.1 feet north from the centerline of 9th Street, 18.0 feet southwest from a DeKalb County Soldiers Monument, 17.2 feet north-northeast of a fire hydrant, about level with the ground, an Indiana Department of Natural Resources bench mark tablet, stamped "DEK 16 1987".	866.228 ft	NGVD 1929	IDNR
U-19	29	Std. Tablet IDNR TBM DEK 17 1987	In DeKalb County, Auburn Quad, at Auburn, S 1/2 of Section 29, T. 34 N., R. 13 E., at the 1st Street Bridge over Cedar Creek, set in the top at the northeast corner of a concrete slab for the Stormwater Lift Station Building, 46.0 feet south from the centerline of 1st Street, 35.0 feet southwest from the northeast corner of the bridge over Cedar Creek, 8.4 feet north from the northeast corner of the building, 1.0 foot above the ground, an Indiana Department of Natural Resources bench mark tablet, stamped "DEK 17 1987".	860.545 ft	NGVD 1929	IDNR
U-20	32	Chiseled Triangle IDNR TBM DLK 11 1987	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; approximately 1.0 mile south of Auburn; at the County Road 48 bridge over Cedar Creek; set on top of the curb in the northeast corner of the bridge, 13.5 feet north of the centerline of County Road 48, 2.2 feet west of the east end of the north curb; a chiseled triangle. **Note: Mark was also called "HW CC 14 1983" 2nd Order	856.921 ft	NGVD 1929	IDNR
U-21	32	Chiseled Triangle IDNR TBM HW CC 15 1984	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at Eckhart Park; set in the southwest concrete wingwall of the steel girder bridge over Cedar creek, 7.0 feet northeast of the centerline of the bridge, about 1.0 foot northwest of southeast end of the bridge, 2.4 feet above the road; a chiseled triangle. 2nd Order	857.086 ft	NGVD 1929	IDNR
U-22	32	Chiseled Triangle IDNR TBM DLK 12 1987	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; set on top of the northwest wingwall of the 18th Street Bridge over Cedar Creek; 20.0 feet north of the centerline of 18th Street, 9.0 feet east of the west end of the concrete wingwall, 2.4 feet east of the west end of the bridge, 3.1 feet west of the east end of the wingwall; a chiseled triangle. **Note: Mark was also called "HW CC 23 1983" 2nd Order	860.924 ft	NGVD 1929	IDNR
U-23	32	RR SPK / TAG IDNR TBM DLK 14 1987	In DeKalb County, Auburn Quad, in the NE 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the Iwo Street pipe culvert over Cliff Metcalf Ditch; set in the east side of a power pole, 26.0 feet south of the center of the pipe culvert, 23.0 feet west of the	859.309 ft	NGVD 1929	IDNR

			centerline of Iwo Street, 0.7 foot above the ground; a railroad spike driven through an aluminum tag, stamped "DLK 14 1987". 2nd Order				
U-24	32	Chiseled Triangle IDNR TBM CEDAR 8 1996	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; near the southwest corner of the 9th Street Bridge over Cedar Creek; set in the concrete bridge deck, 24.0 feet south of the centerline of 9th Street, 36.5 feet west of the centerline of Cedar Creek, 27.0 feet east of a Auburn Elks sign, 0.6 foot above the road surface, level with the bridge deck; a chiseled triangle. 3rd Order	862.181 ft	NGVD 1929		IDNR
U-25	32	RR SPK / TAG IDNR TBM DLK 16 1987	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; near the east entrance to the Dekalb County Courthouse; set in the northwest side of power pole no. L7227, 12.0 feet west of the east edge of a sidewalk, 8.5 feet south of the centerline of the sidewalk leading to the east entrance of the Court House, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "DLK 16 1987". 2nd Order	867.446 ft	NGVD 1929		IDNR
U-26	29	Chiseled Triangle IDNR TBM DLK 17 1987	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 29, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the southwest corner of the 1st Street Bridge over Cedar Creek; set in the top step of the southwest abutment, about 23.0 feet south of the centerline of 1st Street, 3.4 feet north of the south end of the abutment, 0.3 foot east of the west end of the abutment, about 0.6 foot above the road, about level with the road, a chiseled triangle. **Note: Mark was also called "HW CC 16 1983" 2nd Order	861.510 ft	NGVD 1929		IDNR
U-27	29	Chiseled Triangle IDNR TBM 7 Year Unknown	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 29, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the 1st Street Bridge over Cedar Creek; set in the southeast abutment, in the top of the third step down of the abutment (lowest step), 24.4 feet south of the centerline of 1st Street, 2.6 feet south of the south face of the bridge, 0.3 foot east of the west face of the bridge; a chiseled triangle. 2nd Order	860.130 ft	NGVD 1929		IDNR
U-28	21	Filed Line Forming Triangle IDNR TBM 10 1987	In DeKalb County, Waterloo Quad, in the SW 1/4 of Section 21, T. 34 N., R. 13 E., 2nd P.M.; about 1.0 mile north of Auburn; at the southeast corner of the County Road 40 bridge over Cedar Creek; set in the top of a guardrail support post, at the east end of the south steel guardrail. 50.0 feet west of the east end of the south guardrail, 13.0 feet south of the centerline of the road, 2.3 feet above the ground; a filed line forming a triangle. 3rd Order	868.981 ft	NGVD 1929		IDNR
U-29	21	Boat SPK IDNR TBM HW CC 17 1983	In DeKalb County, Waterloo Quad, in the SW 1/4 of Section 21, T. 34 N., R. 13 E., 2nd P.M.; about 1.0 mile north of Auburn; at the southwest corner of the County Road 40 bridge over Cedar Creek; set in the north side of A.E. & W. power pole no. C3807, 30.5 feet west of the west end of the bridge, 17.0 feet south of the centerline of the road, 0.9	866.386 ft	NGVD 1929		IDNR

			foot above the ground; a boat spike. 3rd Order				
U-30	22	BM Tablet ISHC BM Not Stamped	In DeKalb County, Waterloo Quad, in the NW 1/4 of Section 22, T. 34 N., R. 13 E., 2nd P.M.; about 2.0 miles northeast of Auburn; at the southwest corner of the County Road 35 bridge over Cedar Creek; 16.8 feet west of the centerline of the road, 1.3 feet east of the west face of the bridge, 1.0 feet north of the south end of the bridge, level with the road; a Indiana State Highway Commission bench mark tablet, not stamped. 3rd Order	872.272 ft	NGVD 1929		ISCH
U-31	32	RR SPK / TAG IDNR TBM DLK 14 1987	In DeKalb County, Auburn Quad, in the NE 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the Iwo Street pipe culvert over the Cliff Metcalf Ditch; set in the east side of a power pole, 26.0 feet south of the center of the pipe culvert, 23.0 feet west of the centerline of Iwo Street, 0.7 foot above the ground; a railroad spike driven through an aluminum tag, stamped "DLK 14 1987". 2nd Order	859.309 ft 858.834 ft	NGVD 1929 NAVD 1988		IDNR
U-32	33	Chiseled Triangle IDNR TBM DLK 21 1987	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 33, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the intersection of Garwood Drive and McIntyre Street, in the southeast 1/4 of the intersection; set in a steel rain water catch basin cover, 25.0 feet south of the centerline of McIntyre Street, 30 feet east of the centerline of Garwood Drive; a chiseled triangle. 2nd Order	858.922 ft 858.447 ft	NGVD 1929 NAVD 1988		IDNR
U-33	33	Chiseled Triangle IDNR TBM DLK 22 1987	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 33, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the Duesenberg Road metal pipe culvert over Metcalf Ditch; set in the north corner of the west-head wall of the pipe, 30 feet west of the centerline of Duesenberg Road, 0.6 foot south of the north end of the west headwall; a chiseled triangle. 2nd Order	861.533 ft 861.059 ft	NGVD 1929 NAVD 1988		IDNR
U-34	33	Chiseled Triangle IDNR TBM DLK 23 1987	In DeKalb County, Auburn Quad, in the SW 1/4 of Section 33, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the south end of the Willow Street cul-de-sac; set in a steel rain water catch basin cover, 13.6 feet west of a fire hydrant; a chiseled triangle. 2nd Order	862.978 ft 861.505 ft	NGVD 1929 NAVD 1988		IDNR
U-35	32	Std. Tablet IDNR TBM DEK 12 1987	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the Nineteenth Street bridge over Cedar Creek; set on top of and near the west end of the south concrete sidewalk of the bridge, 15.5 feet south of the centerline of Nineteenth Street, 0.9 foot east of the west end of the sidewalk, about 0.5 foot above the road; a Indiana Department of Natural Resources control station tablet, stamped "DEK 12 1987". 2nd Order	861.703 ft	NGVD 1929		IDNR
U-36	32	Std. Tablet IDNR TBM DEK 14 1987	In DeKalb County, Auburn Quad, in the E 1/2 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; near the northeast corner of the Iwo Street CMP culvert over the Cliff Metcalf Ditch, at the residence of no. 340 Iwo Street; set in the top of a concrete post,	858.606 ft	NGVD 1929		IDNR

			114.0 feet north of the CMP for the Cliff Metcalf Ditch, 27.0 feet east of the centerline of Iwo Street, 2.4 feet south of the south edge of a driveway, 3.4 feet east of the east edge of the sidewalk, 0.1 foot below the ground; a Indiana Department of Natural Resources control station tablet, stamped "DEK 14 1987". 2nd Order				
U-37	33	Std. Tablet IDNR TBM DEK 15 1987	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 33, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; in the northeast 1/4 of the intersection of Davidson Court and Allison Boulevard, at the residence of no. 1602 Allison Boulevard; set in the top of a concrete post, 82.0 feet east of the centerline of Davidson Court, 28.5 feet north of the centerline of Allison Boulevard, 43.0 feet west of the west edge of the driveway leading to the residence, 2.5 feet north of the north edge of the sidewalk, 0.1 foot below the ground; a Indiana Department of Natural Resources control station tablet, stamped "DEK 12 1987". 2nd Order	863.851 ft	NGVD 1929		IDNR
U-38	32	Std. Tablet IDNR TBM DEK 16 1987	In DeKalb County, Auburn Quad, in the N 1/2 of Section 32, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; near the southwest corner of the County Court House; set in the top of a concrete post, 51.3 feet east of the centerline of Main Street, 57.1 feet north of the centerline of 9th Street, 18.0 feet southwest of a DeKalb County Soldiers Monument, 17.2 feet north-northeast of a fire hydrant, about level with the ground; a Indiana Department of Natural Resources control station tablet, stamped "DEK 16 1987". 2nd Order	866.228 ft	NGVD 1929		IDNR
U-39	29	Std. Tablet IDNR TBM DEK 17 1987	In DeKalb County, Auburn Quad, in the S 1/2 of Section 29, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the 1st Street Bridge over Cedar Creek; set on top of and at the northeast corner of a concrete slab for the storm water lift station building, 46.0 feet south of the centerline of 1st Street, 35.0 feet southwest of the northeast corner of the bridge over Cedar Creek, 8.4 feet north of the northeast corner of the building, about 1.0 foot above the ground; a Indiana Department of Natural Resources control station tablet, stamped "DEK 17 1987". 2nd Order	860.545 ft	NGVD 1929		IDNR
U-40	33	Paint Dot City of Auburn Engineering Dept. Set TBM	In DeKalb County, Auburn Quad, in the NW 1/4 of Section 33, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; at the Duesenberg Water Tower; paint dot on 1.0 inch thick horizontal steel plate at center of the door at the entrance of the water tower.	884.82 ft	NGVD 1929		Auburn
U-41	29	Bronze BM INDOT TBM in top of cnc. Bridge Railing DEK F35 1984	In DeKalb County, Auburn Quad, in the SE 1/4 of Section 29, T. 34 N., R. 13 E., 2nd P.M.; at Auburn; about 7.35 miles east of Noble-DeKalb County Line, on SR 8 (7th Street Bridge) over Cedar Creek; Bronze BM set in top of concrete bridge railing at northwest corner of bridge structure. **Note: per Ron Renkenberger of INDOT for str. No. 8-17-6116	864.66 ft	NGVD 1929		INDOT

WILMINGTON TWP

T. 34 N. R. 14 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
W-01	6	Std. Disk in top of cnc. Post Q 200 Reset	About 4.0 miles west along U.S. Hwy 6 from its intersection with SR 1 in the heart of Butler; about 4.1 miles east along same from U.S. Hwy 27 in Waterloo, 86.0 feet east of projected line of west fence of Waterloo Rest Park, 47.0 feet south of centerline of 24.0 feet Hwy pavement, 0.3 foot higher than same, 45.7 feet north of north rail of N.Y. Central RR double tracks, 3.7 feet lower than top of same, 1.8 feet east of steel witness post, and flush with the ground. **Note: BM Reset	888.721 ft	NGVD 1929		USGS
W-02	9	Std. Disk in top of cnc. Post S 21	About 3.0 miles west along U.S. Hwy 6 from its intersection with SR 1 in the heart of Butler; 86.0 feet east-northeast of center of 4.0' by 4.0' concrete foundation of old removed semaphore signal of N.Y. Central RR, 49.0 feet south of centerline of Hwy., about 50.0 yards west of east end of long easy Hwy. curve, 40.0 feet north of north rail of RR double tracks, 2.0 feet lower than top of same, 1.8 feet east of steel witness post, and projecting 1.0 foot above the ground.	889.408 ft	NGVD 1929		USGS
W-03	9	Std. Disk in top of cnc. Post Q 198	About 2.0 miles west along U.S. Hwy 6 from its intersection with SR 1 in the heart of Butler; about 425.0 feet east of the no. B-361 milepost of N.Y. Central RR; 33.0 feet west of centerline of north-south asphalt county road; 38.5 feet south of south rail of double tracks; 4.4 feet lower than top of same; 22.0 feet east of telephone pole; 1.0 foot north of fence, and projecting 0.1 foot above the ground.	883.423 ft	NGVD 1929		USGS
W-04	11	Std. Disk in top of cnc. Post T 21 Reset	About 1.0 miles west along U.S. Hwy 6 from its intersection with SR 1 in the heart of Butler; thence 0.2 mile south along CR 63; 53.0 feet east of centerline of asphalt pavement; 52.5 feet north of north rail of N.Y. Central RR double tracks; 4.3 feet lower than top of same; 1.0 foot south of fence, and projecting 0.2 foot above the ground. **Note: Found destroyed on 3-12-1993; BM could be Reset	877.495 ft	NGVD 1929		USGS
W-05	11	Std. Disk in top of cnc. Post BUTLER	About 0.1 mile or 1 block west along Main Street or U.S. Hwy 6 from its intersection with Broadway Street or SR 1 in the heart of Butler; 89.7 feet north of center of municipal water tank; 38.0 feet south of centerline of Street; 1.3 feet higher than same; 9.0 feet south of south edge of sidewalk along Street; 6.8 feet west of northwest corner of City Hall; 2.8 feet west of west edge of sidewalk along west side of City Hall, and projecting 0.3 foot above the ground.	867.141 ft	NGVD 1929		USGS
W-06	12	Std. Disk in top of cnc. Post U 21	About 0.15 mile west and 0.15 mile south from intersection of Main Street (U.S. Hwy 6) and Broadway Street (SR 1) in the heart of Butler; at now abandoned station of N.Y. Central RR; 130.5 feet west of southwest corner of station building; 54.6 feet north of north rail of main line of the double tracks; 2.5 feet lower than same; 108.0 feet west of projected line of cyclone fence on south side of RR; 10.0 feet east of projected plane of east wall of Butler Lumber Co. building; flush with the ground.	870.166 ft	NGVD 1929		USGS
W-07	26	Std. Disk in top of cnc. Post	About 4.0 mile south along SR 1 from its intersection with U.S. Hwy 6 in the heart of Butler; at a gravel cross road with an abandoned brick school building in southwest	840.048 ft	NGVD 1929		USGS

		R 198	angle thereof; 67.0 feet north of centerline of CR 44, 37.0 feet west of centerline of 20.0 foot of asphalt highway pavement, 0.9 feet higher than same, 0.3 foot above the ground, 1.0 foot east of fence, and 1.5 feet south of steel witness post.				
W-08	24	Std. Disk in top of cnc. Post S 198	About 3.1 miles south along SR 1 from its intersection with U.S. Hwy 6 in the heart of Butler; 59.0 feet north of centerline of asphalt CR 40, 38.0 feet east of centerline of 20 foot asphalt highway pavement, 0.6 foot higher than same, 36.0 feet north of fence corner, 1.5 feet west of fence, projecting 0.2 foot above the ground, and is 1.5 feet north of steel witness post.	845.845 ft	NGVD 1929		USGS
W-09	13	Std. Disk in top of cnc. Post U 198	About 1.4 miles south along SR 1 from its intersection with U.S. Hwy 6 in the heart of Butler; at a gravel cross road; 144.0 feet north of centerline of gravel road, 124.0 feet 106.5 feet south of 1 pole, 68.5 feet north of another, 1.5 feet west of fence, 2.1 feet north of steel witness post, and projecting 0.3 foot above the ground.	871.475 ft	NGVD 1929		USGS
W-10	12	Std. Disk in top of cnc. Post V 198	About 0.4 mile south along SR 1 (Broadway Street) from its intersection with U.S. Hwy 6 (Main Street); about 38 yards north of city limits of Butler, 98.5 feet southeast of southeast rail of southeast track of the Wabash Railway, 31.0 feet east of centerline of 27 foot asphalt highway pavement, 2.1 feet higher than same, 1.7 feet north of steel witness post, and projecting 0.2 foot above the ground.	876.022 ft	NGVD 1929		USGS
W-11	34	Std. Disk in top of Bridge Wingwall M 199	About 3.7 miles northeast along SR 1 from the U.S. Post Office at Saint Joe, DeKalb County; 0.6 mile west along SR 8, 75 yards north along a gravel road; set in top of northwest end of southeast concrete wingwall of a 34.0 foot steel bridge across Yohe Ditch, 9.0 feet east of centerline of gravel road, and 0.6 foot east of iron bridge railing.	830.100 ft	NGVD 1929		USGS
W-12	1	Std. Disk in top of cnc. Post W 198	About 4.7 miles easterly and northerly along SR 1 from main corner at U.S. Post Office at Saint Joe, DeKalb County; about 5.0 miles south along same highway from its intersection with U.S. Hwy 6 in the heart of Butler, at an asymmetrical crossroads junction of SR 1, SR 8 and SR 101 Indiana highways, 58.0 feet east of centerline of SR 101, 51.0 feet south-southwest of centerline of SR 8, about 3.0 feet lower than the intersection, 42.0 feet southwest of a 1 rail fence corner post (post is a RR rail), 35.0 feet northeast of another, projecting 0.3 foot, and 1.5 feet northeast of a steel witness post. **Note: Appears to be in CONCORD TWP SECTION 1, T. 33 N. R. 14 E.	819.031 ft	NGVD 1929		USGS

STATE OF INDIANA							
ALLEN COUNTY, SPRINGFIELD TWP T. 32 N. R. 14 E.							
ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
SP-01	6	Std. Disk INDOT		788.109 ft	NGVD 1929		INDOT

SP-02	6	not stamped H 199	In Allen County, in Springfield Township, Section 6, T. 32 N., R. 14 E., 2nd P.M.; About 2.4 miles SW along SR 1 from main corner in Spencerville, about 4.0 miles northeasterly along same Hwy. from NE corner of cemetery in Leo, about 0.9 mile SW of crossing of Wabash Railroad, in top of east end of west wing wall of a 29.0 foot concrete bridge, 29.0 feet NW of centerline of Hwy., 4.5 feet lower than same. The above listed stamping on mark was done by Coast & Geodetic party leveling over mark in 1946. ** Note: Though there are places for such stamping, it has not been stamped by State Highway Commission Survey.	789.011 ft	NGVD 1929		USGS
		Std. Disk in top Of culvert Headwall G 199	In Allen County, in Springfield Township, Section 6, T. 32 N., R. 14 E., 2nd P.M.; About 1.8 miles southwesterly along SR 1 from main corner in Spencerville, about 0.4 mile SW of intersection of Hwy. and County Line Road, about 0.25 mile SW of crossing of Wabash Railroad, 1.2 feet SW of NE end of 5.5 foot NW concrete headwall of 14" diameter pipe culvert, 25.5 feet NW of centerline of 20.0 foot Hwy. pavement, and 2.0 feet lower than same.				

STATE OF INDIANA

NOBLE COUNTY, SWAN TWP T. 33 N. R. 11 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
SW-01	24	RR SPK / TAG IDNR TBM LC 14 1991	In DeKalb County, Garrett Quad, in the NE 1/4 of Section 24, T. 33 N., R. 11 E., 2nd P.M.; about 4.0 miles southwest of Garrett; at the County Road 300 CMP over Little Cedar Creek; set in the north side of a utility pole no. 3E13, about 300.0 feet west of the Noble and DeKalb County Line Road (1200 East Road), 90.0 feet east of the CMP, 20.0 feet north of the centerline of 300 South Road, about 1.0 foot above the ground; a railroad spike driven through an aluminum tag, **Note: not stamped. 3rd Order	858.588 ft	NGVD 1929		IDNR

STATE OF OHIO

DEFIANCE COUNTY, MILFORD TWP T. 5 N. R. 1 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
D-01	18	BM Tablet IFC&WRC TBM NEWVILLE 1955	In Defiance County, Ohio, Butler East Quad., in the SW 1/4 of Section 18, T. 5 N., R. 1 E., 1rst P.M.; about 4.3 miles southeast of Butler; at the Ohio State Road 249 Bridge over the Saint Joseph River, at the U.S. Geological Survey stream gaging station "NEWVILLE"; set in the top of the northeast end of the northwest bridge seat, 11.5 feet northeast of	815.120 ft	NGVD 1929		IFC&WRC

the centerline of the road, 1.4 feet below the road, 1.4 feet northwest of the southeast face of the northwest abutment; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "NEWVILLE 1955".
2nd Order **Note: Destroyed

D-02	18	4 Chiseled Marks to make a Cross USGS R.M.2 NEWVILLE		815.126 ft	NGVD 1929		USGS
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In Defiance County, Ohio, Butler East Quad., in the SW 1/4 of Section 18, T. 5 N., R. 1 E., 1rst P.M.; about 4.3 miles southeast of Butler; at the Ohio State Road 249 Bridge over the Saint Joseph River, at the U.S. Geological Survey stream gaging station "NEWVILLE"; set in the top of the west wingwall, 15.0 feet southwest of the centerline of the road, 11.0 feet east of the west end of the west wingwall, 6.0 feet northwest of the southeast face of the northwest abutment, 1.6 feet northeast of the southwest edge of the wingwall, 1.6 feet below the road; a high point set off by four chiseled marks to make a cross.
2nd Order **Note: Destroyed

STATE OF OHIO

WILLIAMS COUNTY, ST. JOSEPH TWP T. 6 N. R. 1 E.

ID BENCHMARK	SECTION	CHARACTER OF MARK	DESCRIPTION	ELEVATION	DATUM	COORDINATES	SOURCE
WM-01	19	BM Tablet USGS TBM RHP 42 1951	In Williams County, Ohio, Butler East Quad., in the NW 1/4 of Section 19, T. 6 N., R. 1 E., 1rst P.M.; about 0.6 mile southeast of Artic: at the State Line Road steel truss bridge over Fish Creek; set on the northwest wingwall, 11.0 feet northwest of the centerline of the road, 8.0 feet west of the west end of the bridge, 2.0 feet below the surface of the road; a U.S. Geological Survey bench mark tablet, stamped "42 RHP 1951 842 ELEV.". 3rd Order	842.343 ft	NGVD 1929		USGS
WM-02	19	RR SPK / TAG IDNR TBM FISH 1 1992	In Williams County, Ohio, Butler East Quad., in the NW 1/4 of Section 19, T. 6 N., R. 1 E., 1rst P.M.; about 0.5 mile east along County Road 16 from its intersection with County Roads 79 in Artic to State Line Road, thence 0.75 mile southeast along State Line Road to a "Y" intersection near the Farnham Cemetery; set in the north side of a utility pole, 150.0 feet east of the "Y" intersection, 20.0 feet south of the centerline of the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM FISH 1 1992". 3rd Order	860.111 ft	NGVD 1929		IDNR