

# LB1608

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DESIGNATION - M 136  
PID - LB1608  
STATE/COUNTY- IN/TIPPECANOE  
USGS QUAD - OTTERBEIN (1986)

## \*CURRENT SURVEY CONTROL

* NAD 83(1986)-	40 28 36.	(N)	087 02 26.	(W)	SCALED
* NAVD 88	- 211.919	(meters)	695.27	(feet)	ADJUSTED
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GEOID HEIGHT-	-33.56	(meters)			GEOID03
DYNAMIC HT -	211.816	(meters)	694.93	(feet)	COMP
MODELED GRAV-	980,135.2	(mgal)			NAVD 88

VERT ORDER - SECOND CLASS 0

.The horizontal coordinates were scaled from a topographic map and have

.an estimated accuracy of +/- 6 seconds.

.The orthometric height was determined by differential leveling and adjusted in June 1991.

.The geoid height was determined by GEOID03.

.The dynamic height is computed by dividing the NAVD 88 geopotential number by the normal gravity value computed on the Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45 degrees latitude (g = 980.6199 gals.).

.The modeled gravity was interpolated from observed gravity values.

;	North	East	Units	Estimated Accuracy
;SPC IN W	- 580,450.	903,630.	MT	(+/- 180 meters Scaled)

## SUPERSEDED SURVEY CONTROL

NGVD 29 (??/??/92) 211.995 (m) 695.52 (f) ADJ UNCH 2  
0

.Superseded values are not recommended for survey control.

.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

.[See file dsdata.txt](#) to determine how the superseded data were derived.

\_U.S. NATIONAL GRID SPATIAL ADDRESS: 16TDK965806(NAD 83)

\_MARKER: DB = BENCH MARK DISK

\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

\_SP\_SET: SET IN TOP OF CONCRETE MONUMENT

\_STAMPING: M 136 1946

\_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

+STABILITY: SURFACE MOTION

HISTORY	- Date	Condition	Report By
HISTORY	- 1946	MONUMENTED	CGS
HISTORY	- 1955	GOOD	NGS

STATION DESCRIPTION

DESCRIBED BY NATIONAL GEODETIC SURVEY 1955

0.6 MI W FROM MONTMORENCI.

0.6 MILE WEST ALONG THE NEW YORK, CHICAGO AND ST. LOUIS RAILROAD FROM THE STATION AT MONTMORENCI, TIPPECANOE COUNTY, 0.4 MILE WEST OF MILEPOST 268, IN THE NORTHEAST ANGLE OF A GRAVEL-ROAD CROSSING, 41.5 FEET NORTH OF THE NORTH RAIL OF THE TRACK, 39 FEET EAST OF THE CENTERLINE OF THE ROAD, 32 FEET EAST OF A FENCE CORNER, 9 FEET WEST OF A POLE, 1 FOOT SOUTH OF THE NORTH RIGHT-OF-WAY FENCE LINE, AND ABOUT 3 FEET LOWER THAN THE TRACK. A STANDARD DISK, STAMPED M 136 1946 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 6 INCHES ABOVE GROUND NOTE-- USED IN 1955 AS AN ADDITIONAL AZIMUTH MARK FOR TRIANGULATION STATION MORENCI 1948.

1 National Geodetic Survey, Retrieval Date = DECEMBER 21, 2007

PBM M - 136 13-G

(USC&GS) Shelby Township. SW Sec. 31-24-5, about 0.6 mile west along the New York, Chicago & St. Louis Railroad station at Montmorenci, about 0.4 mile west of mile post 286, at a gravel road crossing, set in the northeast quarter of the crossing, 41.5 feet north of the north rail of the rack, 39 feet east of the centerline of the road, 32 feet east of a corner fence post, 9 feet west of a telegraph pole, 1 foot south of the north railroad right of fence line, 3 feet below the level of the crossing. A standard disk set in the top of a concrete post projecting 7 inches. Elev. 695.520 feet. Fowler Area, page 8, line 4.3

" MORENCI 1948 "

RECOVERED SEPT. 1994 IN GOOD CONDITION (FLUSH W/GND.)

Recovered 7/5/07 (MWF) Good Condition