

LB2561

DESIGNATION - MONITOR RESET
PID - LB2561
STATE/COUNTY- IN/TIPPECANOE
USGS QUAD - PYRMONT (1961)

*CURRENT SURVEY CONTROL

* NAD 83(1997)- 40 25 04.08442(N) 086 43 57.26084(W) ADJUSTED
* NAVD 88 - 203. (meters) 666. (feet) SCALED

LAPLACE CORR- -2.12 (seconds) DEFLEC99
GEOID HEIGHT- -33.89 (meters) GEOID03
HORZ ORDER - SECOND

.The horizontal coordinates were established by classical geodetic methods

.and adjusted by the National Geodetic Survey in May 1999.

.The orthometric height was scaled from a topographic map.

.The Laplace correction was computed from DEFLEC99 derived deflections.

.The geoid height was determined by GEOID03.

;
Converg. North East Units Scale Factor
;SPC IN W - 573,967.254 929,768.513 MT 0.99997757 +0 13
38.7
;SPC IN W - 1,883,090.90 3,050,415.53 sFT 0.99997757 +0 13
38.7
;UTM 16 - 4,474,165.075 522,687.815 MT 0.99960634 +0 10
24.2

!
!SPC IN W - 0.99997349 x 0.99997757 = 0.99995106
!UTM 16 - 0.99997349 x 0.99960634 = 0.99957984

PID	Reference Object	Distance	Geod. Az
			dddmmss.s
CC8971	MONITOR RM 1	26.030 METERS	02724
CC8970	MONITOR AZ MK		0924758.9
CC8972	MONITOR RM 2	23.359 METERS	24433

SUPERSEDED SURVEY CONTROL

NAD 83(1986)- 40 25 04.09091(N) 086 43 57.27283(W) AD() 2
 NAD 27 - 40 25 03.97160(N) 086 43 57.27310(W) AD() 2

.Superseded values are not recommended for survey control.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 .[See file dsdata.txt](#) to determine how the superseded data were derived.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: 16TEK2268874165(NAD 83)
 _MARKER: DH = HORIZONTAL CONTROL DISK
 _SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 _STAMPING: MONITOR 1948 1982
 _MARK LOGO: NGS
 _MAGNETIC: O = OTHER; SEE DESCRIPTION
 _STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 +STABILITY: SURFACE MOTION
 _SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 +SATELLITE: SATELLITE OBSERVATIONS - May 20, 2003

HISTORY	- Date	Condition	Report By
HISTORY	- 1982	MONUMENTED	NGS
HISTORY	- 19820131	GOOD	NGS
HISTORY	- 20030520	GOOD	INDIV

STATION DESCRIPTION

DESCRIBED BY NATIONAL GEODETIC SURVEY 1982 (WFP)
 THE STATION SURFACE WAS FOUND DESTROYED. THE UNDERGROUND DISK WAS RECOVERED IN GOOD CONDITION AND A NEW SURFACE MONUMENT WAS ESTABLISHED AT THIS TIME. REFERENCE MARK 1 WAS FOUND BADLY DEFACED AND WAS BLOCKED BY A TREE, BUT WAS LEFT INTACT FOR A REFERENCE. REFERENCE MARK 2 WAS FOUND IN GOOD CONDITION BUT HAD TO BE DESTROYED DUE TO ROAD CONSTRUCTION. A NEW REFERENCE MARK 3 AND 4 WERE ESTABLISHED AT THIS TIME. THE AZIMUTH MARK WAS FOUND IN FAIR CONDITION, THE DISK HAS BEEN DEFACED BUT IS STILL SOLID IN THE GROUND. THE ESTIMATED CENTER WAS HELD TO USE AS THE INITIAL FOR TURNING A DIRECTION TO THE NEW RMS. A NEW AN COMPLETE DESCRIPTION FOLLOWS. THE STATION IS LOCATED ABOUT 7.0 MILES (11.3 KM) WEST OF ROSSVILLE, 6.0 MILES (9.7 KM) EAST OF LAFAYETTE AND 1 MILE (1.6 KM) EAST OF MONITOR. TO REACH THE STATION FROM THE POST OFFICE IN ROSSVILLE, IND GO WEST ON IND 26 FOR 2.8 MILES (4.5 KM) TO THE TOWN OF EDNA MILLS. CONTINUE WEST ON HIGHWAY 26 FOR 3.2 MILES (5.1 KM) TO THE AZIMUTH MARK ON THE LEFT ON A CUTBANK. CONTINUE WEST ON HIGHWAY 26 FOR 0.35 MILES (0.56 KM) TO A CROSSROAD (COUNTY ROAD 900 E) GRAVEL TO THE SOUTH AN PAVED TO THE NORTH. TURN RIGHT ON GRAVEL ROAD AND GO SOUTH FOR 0.05 MILES (0.08 KM) TO THE STATION ON THE LEFT AS DESCRIBED. THE STATION IS A STANDARD, NGS, DISK STAMPED---MONITOR 1948 1982---, SET INTO THE TOP OF A ROUND CONCRETE MONUMENT, 12 INCHES, 30 CM IN DIAMETER, FLUSH, WITH GROUND. THE STATION IS LOCATED 29.260 METERS (95.997 FT) WEST-NORTHWEST FROM A UTILITY POLE NUMBER 6180, 13.716 METERS (45.000 FT) EAST FROM THE APPROXIMATE CENTER OF A GRAVEL ROAD, WHICH IS COUNTY ROUTE 900E, 11.156 METERS (36.601 FT) SOUTH-SOUTHWEST FROM A FOUR TRUNKED CHERRY TREE AND 1.341 METERS (4.400 FT) EAST FROM A METAL WITNESS POST. REFERENCE MARK NO 1, IS A STANDARD, CGS, DISK, SET INTO THE TOP OF A SQUARE CONCRETE MONUMENT, 12 INCHES, 30 CM IN DIAMETER, FLUSH, WITH

GROUND. THE STATION IS LOCATED 37.795 METERS (123.999 FT) SOUTH FROM THE APPROXIMATE CENTER OF IND HWY 26, 25.908 METERS (85.000 FT) EAST FROM THE APPROXIMATE CENTER OF THE GRAVEL ROAD (COUNTY ROAD 900 E) , 15.240 METERS (50.000 FT) NORTH-NORTHEAST FROM THE CHERRY TREE, AND 0.5 METERS (1.6 FT) LOWER THAN THE STATION. REFERENCE MARK NO 3, IS A STANDARD, NGS, DISK STAMPED,---MONITOR 1948 NO 3 1982---, SET INTO THE TOP OF A ROUND CONCRETE MONUMENT, 12 INCHES, 30 CM IN DIAMETER, FLUSH, WITH GROUND. THE STATION IS LOCATED 16.459 METERS (53.999 FT) EAST FROM THE APPROXIMATE CENTER OF THE GRAVEL ROAD (COUNTY ROAD 900 E) , 16.032 METERS (52.598 FT) NORTH-NORTHEAST FROM THE METAL WITNESS POST SET AT STATION MONUMENT, 7.010 METERS (22.999 FT) NORTH-NORTHWEST FROM THE TRIPLE-TRUNKED CHERRY TREE AND 1.219 METERS (3.999 FT) WEST FROM A GROUP OF SMALL BUSHES, AND 0.5 METERS (1.6 FT) LOWER THAN THE STATION. REFERENCE MARK 4, IS A STANDARD, NGS, DISK STAMPED,---MONITOR 1948 NO 4 1982---, SET IN THE TOP OF A ROUND CONCRETE MONUMENT, 12 INCHES, 30 CM IN DIAMETER, FLUSH, WITH GROUND. THE STATION IS LOCATED 29.505 METERS (96.801 FT) EAST-SOUTHEAST FROM THE METAL WITNESS POST SET BY THE STATION MONUMENT, 29.870 METERS (97.998 FT) SOUTHEAST FROM THE FOUR-TRUNKED CHERRY TREE, 2.743 METERS (8.999 FT) NORTH FROM THE EDGE OF A CULTIVATED FIELD AND 1.219 METERS (3.999 FT) WEST FROM THE UTILITY POLE NUMBER 6180, AND 0.5 METERS (1.6 FT) HIGHER THAN THE STATION. AZIMUTH MARK NO 1, IS A STANDARD, CGS, DISK STAMPED,---MONITOR 1948---, SET IN THE TOP OF A SQUARE CONCRETE MONUMENT, 12 INCHES, 30 CM IN DIAMETER, PROJECTING, 4 INCHES. THE STATION IS LOCATED 13.411 METERS (43.999 FT) SOUTH FROM THE CENTER OF IND HWY 26 AND 6.828 METERS (22.402 FT) WEST FROM A UTILITY POLE.

STATION RECOVERY (2003)

RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2003 (BLY)
RECOVERED IN GOOD CONDITION.

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

MM: 23

BM: TTH 4

≈ 200' North of CL of Private
Drive to the East
≈ 40' East of CL of 903, 900E

Pyrmont Quad

USC & GS Berger Associates, Ltd.

From the intersection of Roads 900E and S.R. 26, go 0.8 mi. South on 900E. Station is a standard disc in a concrete post located on top of a bank of the East side of the road approximately 8.0'± above centerline of road.

TTH 4 1966
Elevation: 663.845

Recovered 7/17/07 Good
Condition
(MWF)

State Grid Coordinates: X=597,708.464
Zone West Y=1,058,516.135

Recovered: October 3, 1989 T.B./G.L. (Over)

" OCT. 5, 1994 IN GOOD CONDITION SIGN/POST SET 3' WEST