

LB0931

DESIGNATION - S 94
PID - LB0931
STATE/COUNTY- IN/TIPPECANOE
USGS QUAD - LAFAYETTE WEST (1987)

*CURRENT SURVEY CONTROL

* NAD 83(1986)-	40 25 27.	(N)	086 55 13.	(W)	SCALED
* NAVD 88 -	190.754	(meters)	625.83	(feet)	ADJUSTED

GEOID HEIGHT-	-33.66	(meters)			GEOID03
DYNAMIC HT -	190.661	(meters)	625.53	(feet)	COMP
MODELED GRAV-	980,133.9	(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 -	574,630.	913,840.	MT	(+/- 180 meters Scaled)

SUPERSEDED SURVEY CONTROL

NGVD 29 (??/??/92)	190.85	(m)	626.1	(f)	COMPUTED	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Superseded values are not recommended for survey control.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.[See file dsdata.txt](#) to determine how the superseded data were derived.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: 16TEK067748(NAD 83)

_MARKER: DB = BENCH MARK DISK

_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

_SP_SET: SET IN TOP OF CONCRETE MONUMENT

_STAMPING: S 94 1946

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

+STABILITY: SURFACE MOTION

HISTORY	- Date	Condition	Report By
HISTORY	- 1946	MONUMENTED	CGS
HISTORY	- 1965	MARK NOT FOUND	LOCENG

STATION DESCRIPTION

DESCRIBED BY COAST AND GEODETIC SURVEY 1946
 AT WEST LAFAYETTE.
 ON PURDUE UNIVERSITY CAMPUS, AT THE WEST EDGE OF WEST LAFAYETTE,
 0.3 MILE WEST ALONG WEST STATE STREET FROM THE AGRICULTURE BUILDING,
 260 FEET WEST OF THE CITY LIMITS SIGN, 41 FEET SOUTH OF THE CENTER
 LINE OF WEST STATE STREET, 40 FEET WEST OF THE CENTER LINE OF A
 DRIVEWAY TO THE AGRICULTURE DEPARTMENT BARN AND SHOW ARENA,
 8 FEET SOUTH OF A 24-INCH MAPLE TREE, 1 FOOT NORTH OF A FENCE
 LINE, 2 FEET WEST OF A WHITE WOODEN WITNESS POST AND ABOUT LEVEL
 WITH THE STREET. A STANDARD DISK, STAMPED S 94 1946 AND SET IN THE
 TOP OF A CONCRETE POST PROJECTING 4 INCHES ABOVE GROUND.

STATION RECOVERY (1965)

RECOVERY NOTE BY LOCAL ENGINEER (INDIVIDUAL OR FIRM) 1965
 MARK NOT FOUND.
 1 National Geodetic Survey, Retrieval Date = DECEMBER 21,
 2007

S-20

PBM S - 94 *307*

(USC&GS) Wabash Township, at the west edge of
 West Lafayette, 260 feet west of the CITY LIMIT sign,
 on the Purdue University Campus, 0.3 mile west along West
 State Street from the agriculture building, 41 feet south of
 the centerline of West State Street, 40 feet west of the
 centerline of a driveway to the agriculture department barns
 and show arena, (barns are gone), 8 feet south of a 24-inch
 maple tree, 1 foot north of a fence line, 2 feet west of a
 white wooden witness post, level with the street. A
 standard disk, stamped "S 94 1946" in the top of a con-
 crete post 4 inches above ground. Elev. 626.154 feet.
 Attica Area, page 17, line 14. *Re-Set 1965-626.154*
NGS SECOND ORDER
7/11/07 Recovered (MWF) See other card
24-23-5
Formerly mis-identified as "T-20"

S-20

594

On the Purdue University Campus, 0.3 miles west along State Street from the Agriculture Bld. approximately 410 feet west of Russell Street, on the south side of State Street, 160 feet south east from the southeast corner of a lamp post, 74 feet southwest of a fire hydrant, set in non-shrinking grout in a depression in a reinforced concrete projection on the tunnel wall near the level of the adjoining sidewalk. Set about 6 inches below the level of the sidewalk under a steel plate.

NGS Second-Order

Recovered 7/80
RECOVERED 8/87

ELEVATION 626.154

" AUG. 9, 1995 IN GOOD CONDITION (41' S. of E STATE)
7/11/07 In Good Condition

Formerly mis-identified as T-20