

GPS - 45

All values are referenced to the North American Datum NAD 83 (1995)

Latitude:	35° 34 ft 11.15853 inches	TN Northing:	140838.947 m
Longitude:	88° 48 ft 37.73490 inches	TN Easting:	345272.828 m
Elevation:	120.443 m (395.15 ft)		
Convergence:	-1° 38 ft 43.3 inches	Scale Factor:	0.99995898
Monument Set by:	NGS	Date:	1987
County:	Madison	Nearest Town:	Jackson
USGS QUAD:	Jackson South	TVA Designation:	438-SE

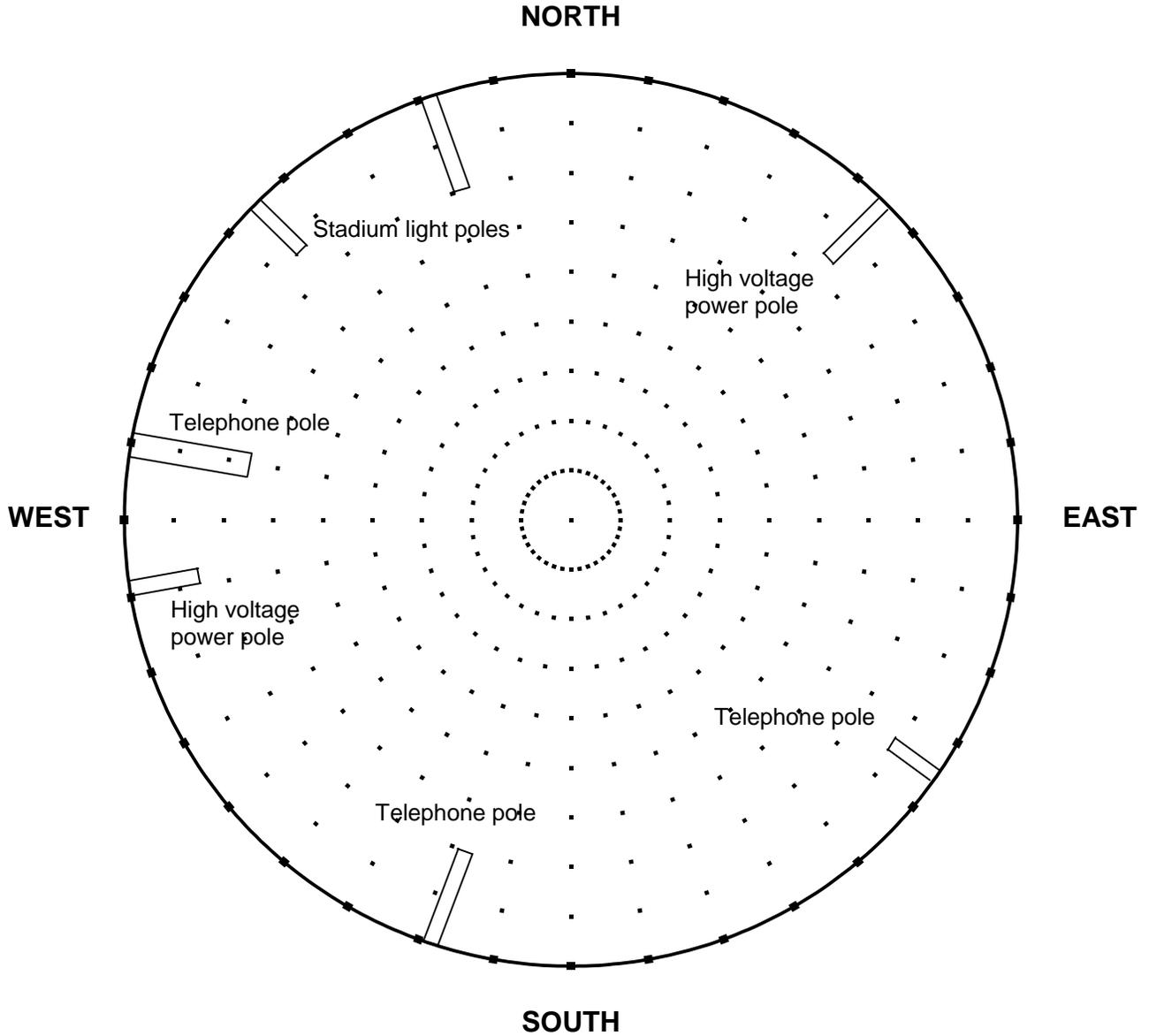
Description:

The station is located about 4.8 km (3 mi.) south of Jackson, on the property of the South Side High School just south of the stadium. Ownership--station is on school property and is accessible at all times with no prior arrangements needed.

To reach the station from the Courthouse in Jackson go south for 5.2 km (3.2 mi.) on U.S. Highway 45/State Route 5 to the junction of Harts Bridge Road. Turn left and go east for 0.48 km (0.3 mi.) on Harts Bridge Road to the station on the left.

The station is a 3-D mark with stainless steel rod driven 25.9 m (85 ft.). The logo cap is stamped---GPS 45 1987---, and a steel spike is embedded in the concrete. Located 67.21 m (220.5 ft.) southeast from the southeast corner of the grandstand, 73.2 m (240 ft.) east from the junction of a high voltage power line and the road, 9.8 m (32 ft.) north from the road center and 0.6 m (2 ft.) below same, 1.65 m (5.4 ft.) northwest of the southwest corner of a 1.8 m (6 ft.) fence, 20.6 m (68 ft.) south of a utility pole across the street, 19.66 m (64.5 ft.) east from a utility pole numbered 88, 1.1 m (3.5 ft.) west from a fiberglass witness post at a 1.8 m (6 ft.) wire mesh fence.

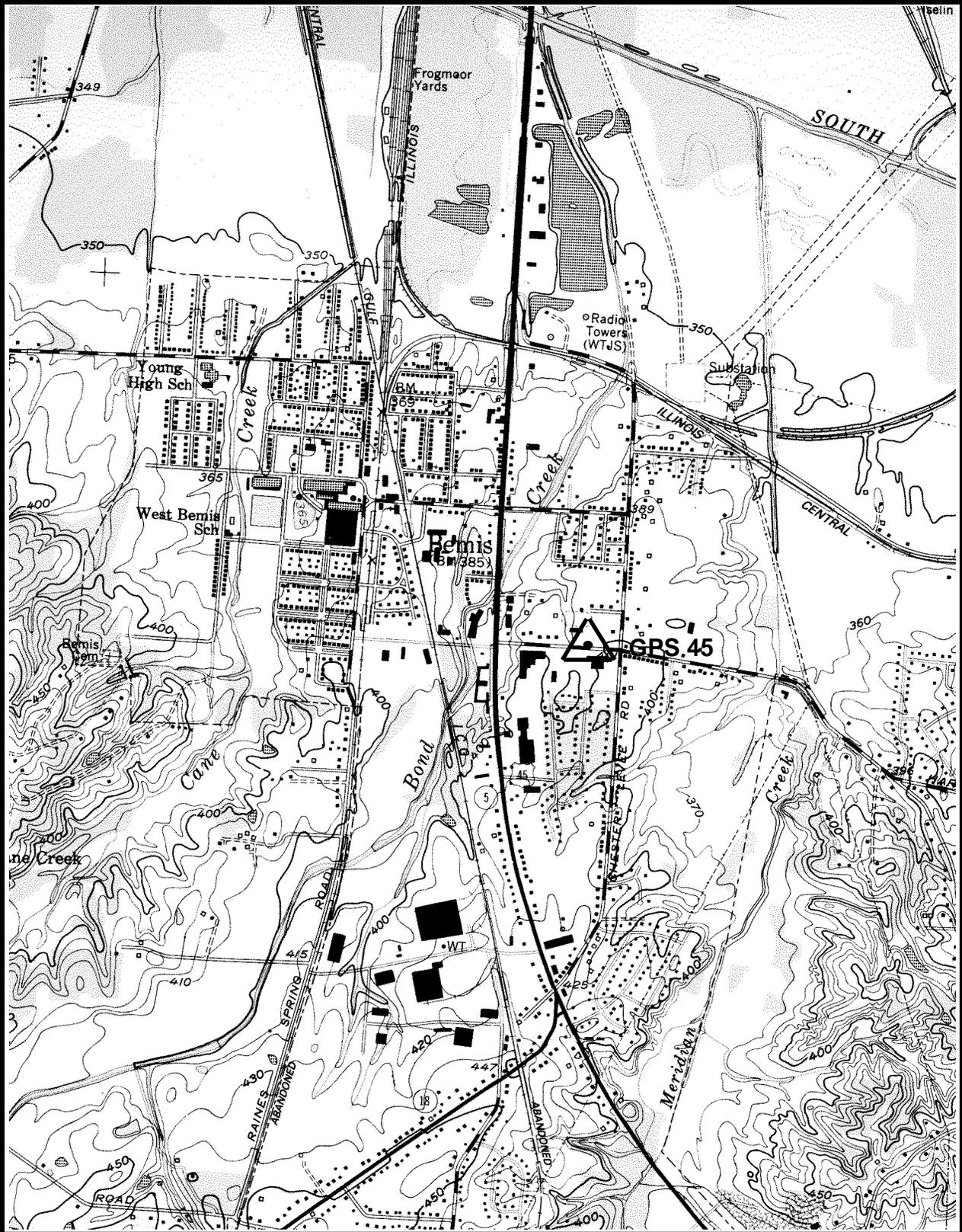
STATION VISIBILITY DIAGRAM



ELEVATION	<u>120.443 m (395.15 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 34 ft 11 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>88° 48 ft 38 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 45</u>	MAP SHEET	<u>438-SE, Jackson South</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 45

438-SE, JACKSON SOUTH