

**GPS - 43**

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

Latitude:	<b>35° 37 ft 0.11024 inches</b>	TN Northing:	<b>143948.562 m</b>
Longitude:	<b>87° 50 ft 10.44976 inches</b>	TN Easting:	<b>433657.882 m</b>
Elevation:	<b>169.531 m (556.20 ft)</b>		
Convergence:	<b>-1° 4 ft 30.0 inches</b>	Scale Factor:	<b>0.99995556</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Perry</b>	Nearest Town:	<b>Linden</b>
USGS QUAD:	<b>Linden</b>	TVA Designation:	<b>32-SE</b>

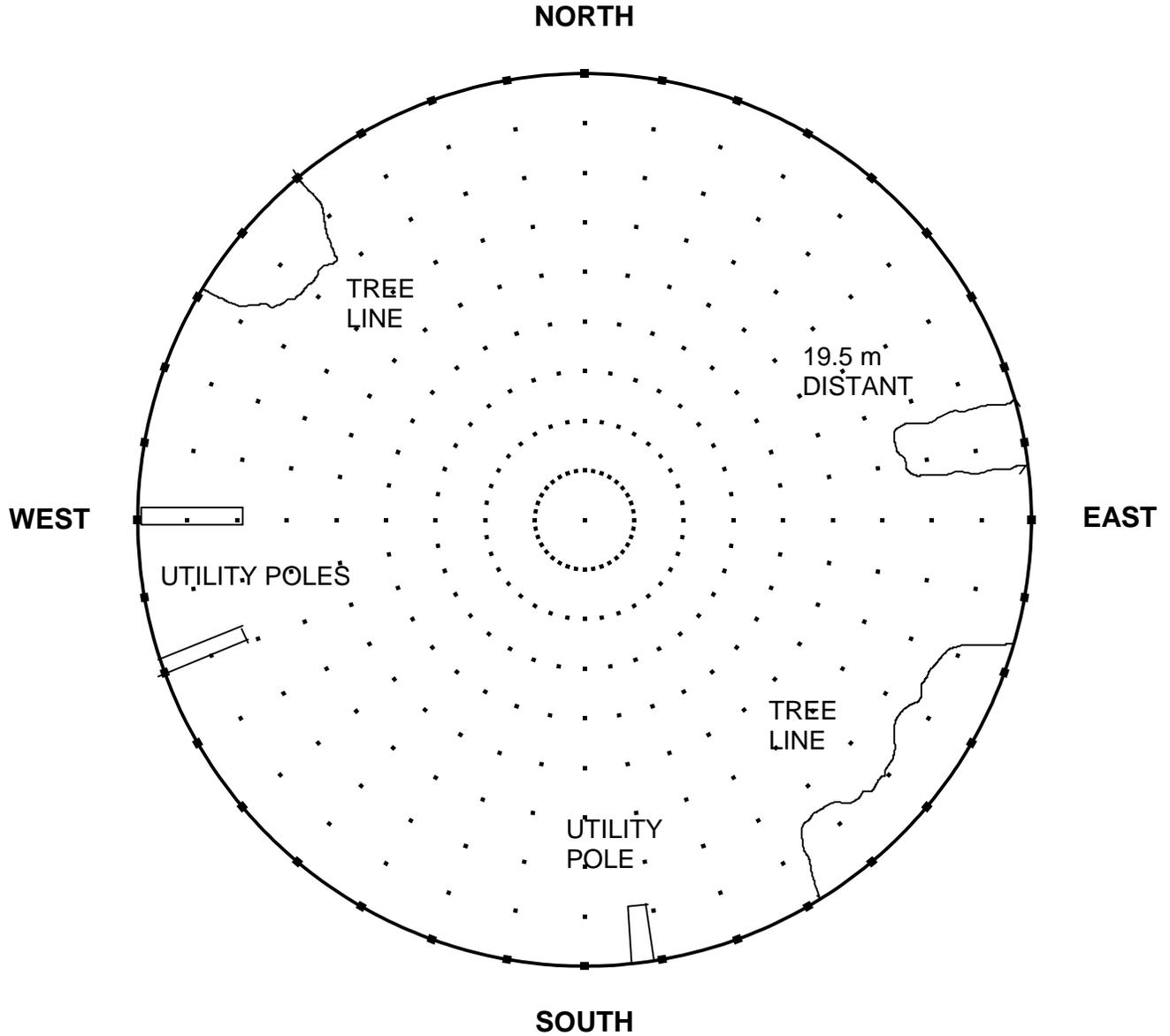
Description:

The station is located in Linden, in front of the Meriwether Lewis Electric Cooperative Office, in a triangular lawn on the south side of Main Street. Ownership--Meriwether Lewis Electric Cooperative.

To reach the station from the Courthouse in Linden go east for 0.16 km (0.1 mi.) on U.S. Highway 412/State Route 20 and State Route 100 (Main St.) to the station on the right.

The station is a 3-D mark with stainless steel rod driven 4.6 m (15 ft.). The logo cap is stamped--GPS 43 1987---, and a steel spike is embedded in the concrete. Located 13.7 m (45 ft.) south-southeast from the center of Main Street and 0.9 m (3 ft.) above same, 21.9 m (72 ft.) west from the center of Polk Street, 21.6 m (71 ft.) east from the center of Oak Street, 19.5 m (64 ft.) west from a 350 mm (14 in.) walnut tree, 22.9 m (75 ft.) north-northwest from the northeast corner of the Linden City Hall, 1.65 m (5.4 ft.) north from a curb at the north edge of the parking lot. The station has no witness post.

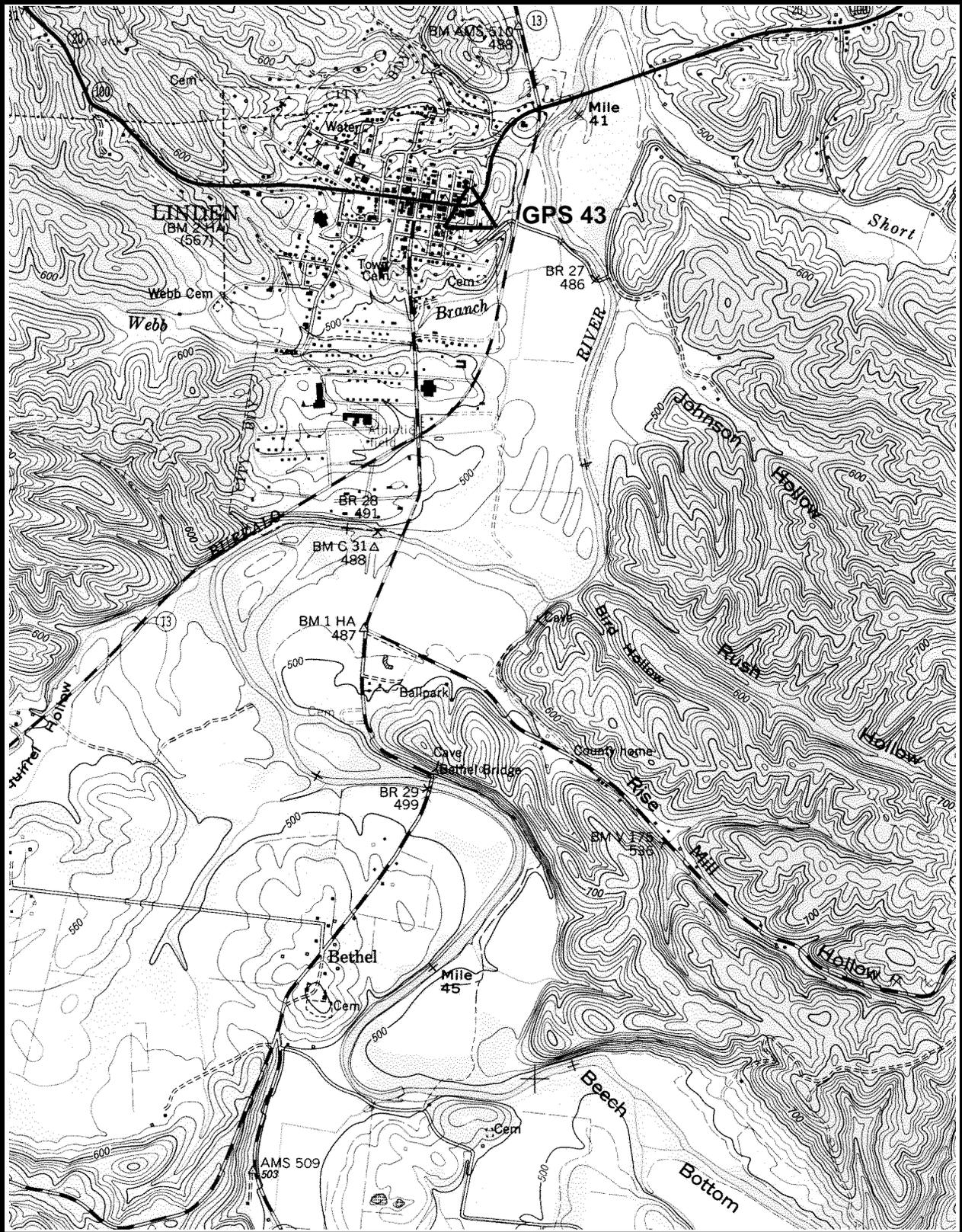
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>169.531 m (556.20 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 37 ft 0 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 50 ft 10 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 43</u>	MAP SHEET	<u>32-SE, Linden</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 43

32-SE, LINDEN