

**GPS - 46**

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

Latitude:	<b>35° 32 ft 25.93758 inches</b>	TN Northing:	<b>138799.476 m</b>
Longitude:	<b>89° 14 ft 21.79851 inches</b>	TN Easting:	<b>306304.956 m</b>
Elevation:	<b>116.327 m (381.65 ft)</b>		
Convergence:	<b>-1° 53 ft 47.3 inches</b>	Scale Factor:	<b>0.99996145</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Haywood</b>	Nearest Town:	<b>Brownsville</b>
USGS QUAD:	<b>Sunnyhill</b>	TVA Designation:	<b>430-SW</b>

Description:

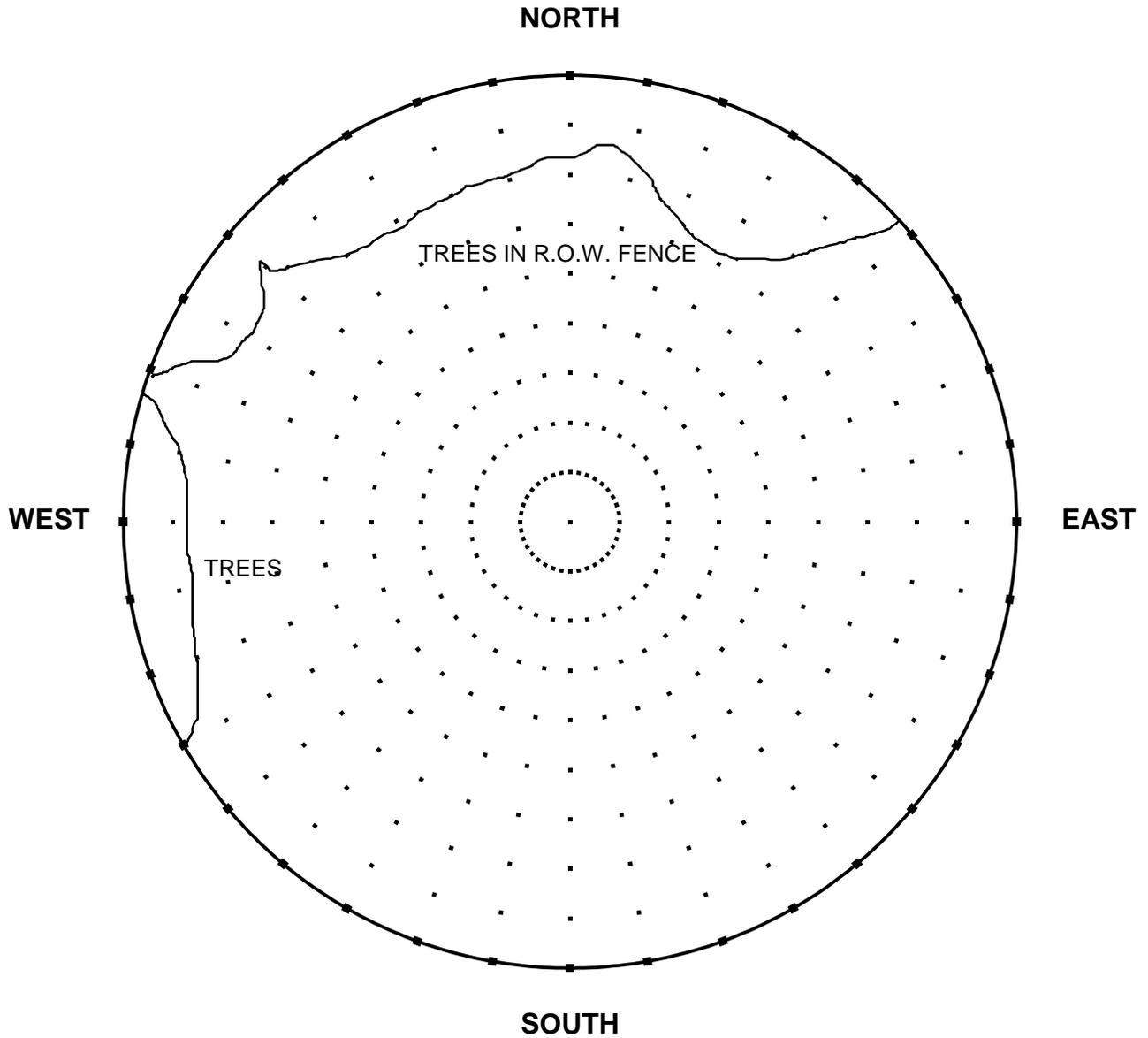
The station is located about 6.4 km (4 mi.) south-southeast of Brownsville on the north right-of-way of Interstate 40, 0.8 km (0.5 mi.) east-northeast of the junction of Interstate 40 and State Route 76 (Exit 56). Ownership--Federal Right-of-Way.

To reach the station from the junction of Interstate 40 and State Route 76 (Exit 56) about 6.4 km (4 mi.) south-southeast of Brownsville go east for 0.8 km (0.5 mi.) on Interstate 40 to the station on the left.

To reach the station from the junction of Interstate 40 and State Route 19 (Exit 60) about 8.1 km (5 mi.) southeast of Brownsville go west 5.0 km (3.1 mi.) on Interstate 40 to the station on the right.

The station is a 3-D mark with stainless steel rod driven 7.3 m (24 ft.). The logo cap is stamped---GPS 46 1987---, and a steel spike is embedded in the concrete. Located 39.8 m (130.5 ft.) northeast from a mile marker numbered 57, 15.6 m (51.1 ft.) north-northwest from the north edge of the concrete pavement of the travel lane and 0.9 m (3 ft.) above same, 10.2 m (33.5 ft.) south-southeast from a fiberglass witness post at the north right-of-way fence.

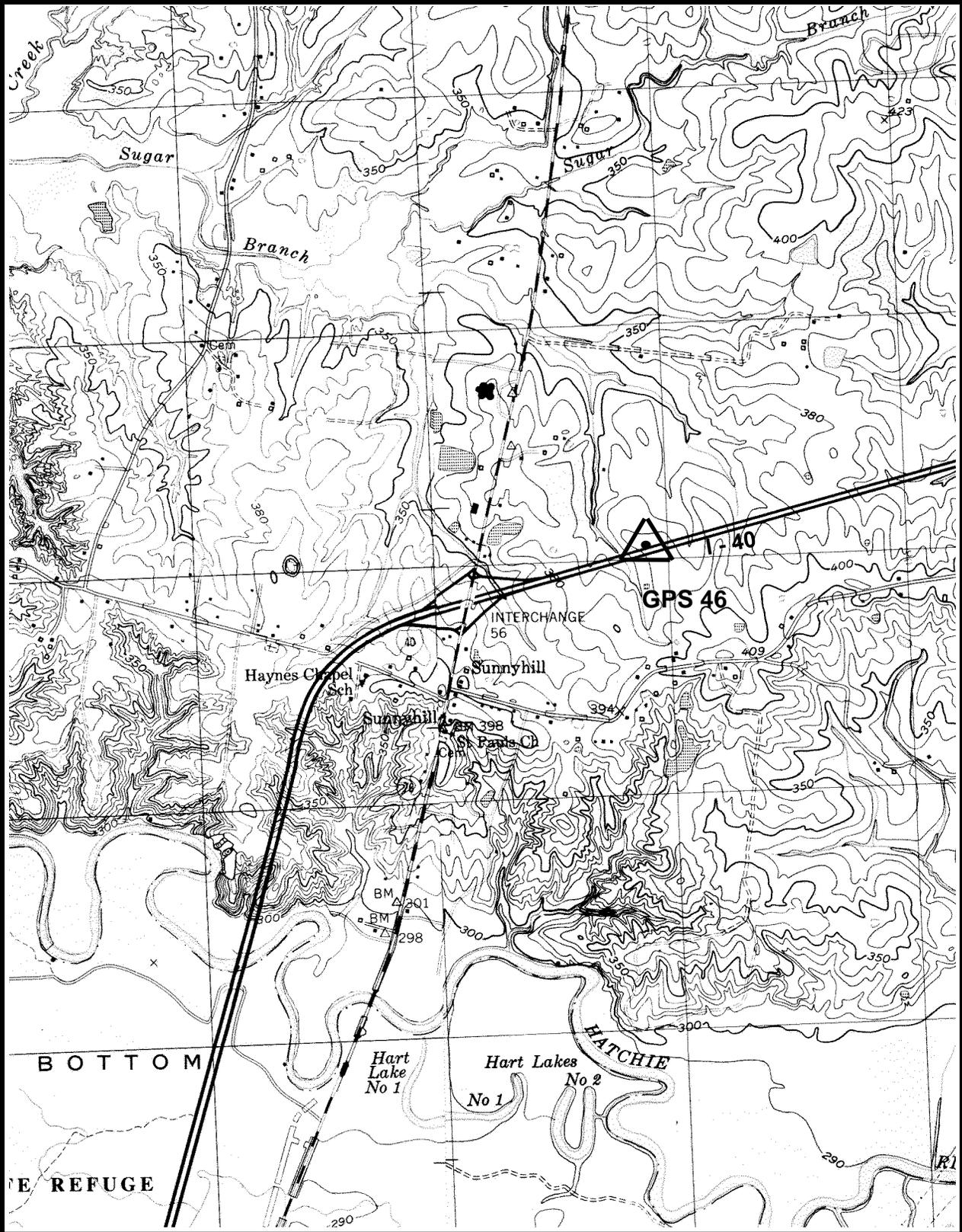
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>116.327 m (381.65 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 32 ft 26 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>89° 14 ft 22 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 46</u>	MAP SHEET	<u>430-SW, Sunnyhill</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 46

430-SW, SUNNYHILL