

**GPS - 28**

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

Latitude:	<b>36° 1 ft 9.46654 inches</b>	TN Northing:	<b>187783.506 m</b>
Longitude:	<b>87° 15 ft 23.50236 inches</b>	TN Easting:	<b>486742.735 m</b>
Elevation:	<b>213.258 m (699.66 ft)</b>		
Convergence:	<b>-0° 44 ft 8.2 inches</b>	Scale Factor:	<b>0.99995361</b>
Monument Set by:	<b>NGS</b>	Date:	<b>1987</b>
County:	<b>Dickson</b>	Nearest Town:	<b>Dickson</b>
USGS QUAD:	<b>Burns</b>	TVA Designation:	<b>48-SE</b>

Description:

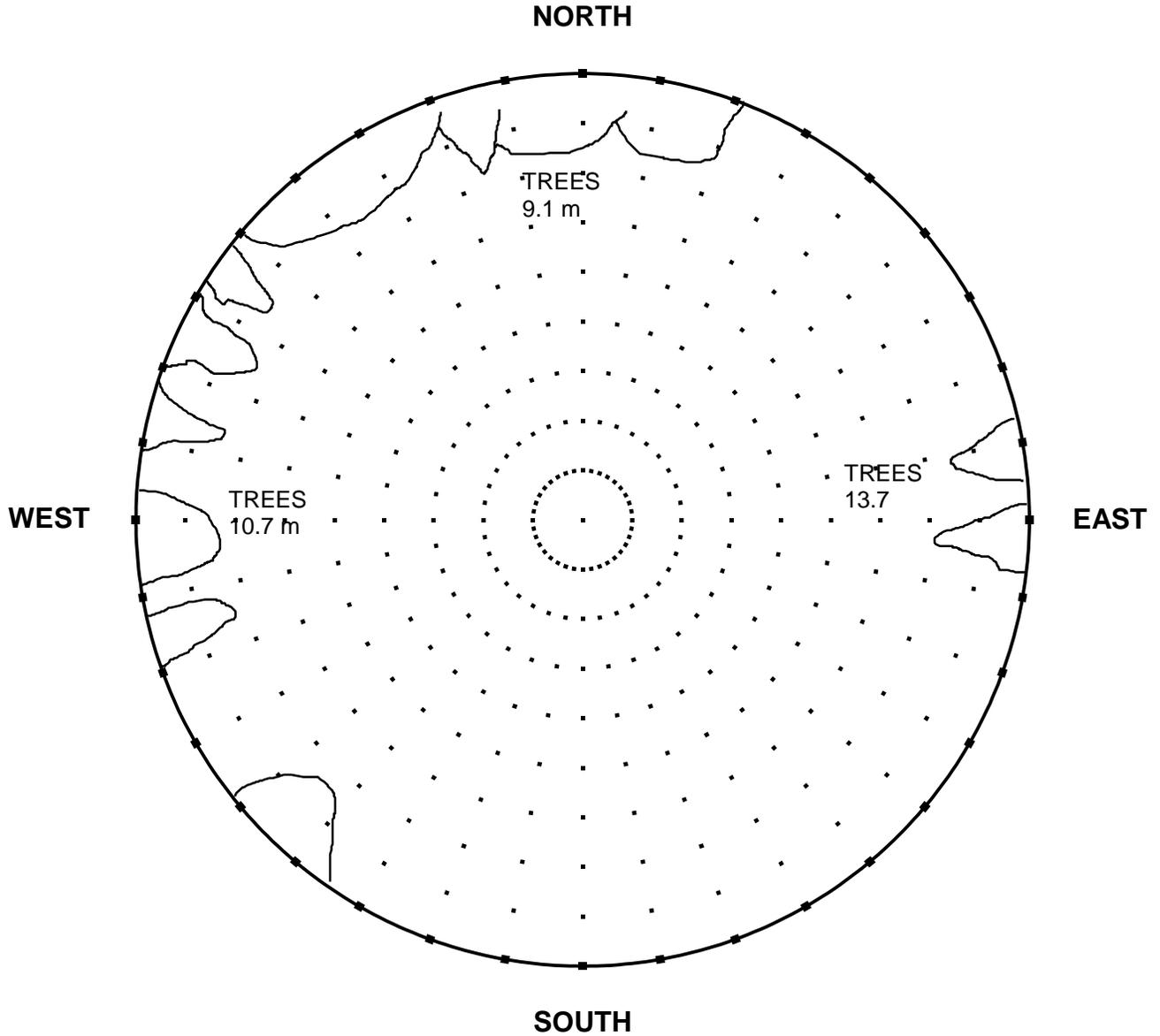
The station is located about 12.9 km (8 mi.) east-southeast of Dickson, in the median of Interstate 40, 7.4 km (4.6 mi.) west of State Route 96 (Exit 182), 7.4 km (4.6 mi.) east of State Route 46 (Exit 172). Ownership--Federal Right-of-Way.

To reach the station from the junction of State Route 96 and Interstate 40 go west for 6.5 km (4.0 mi.) on Interstate 40 to a bridge over a creek. Continue straight ahead and go west and uphill for 1.0 km (0.6 mi.) on Interstate 40 to a low cut and a 0.16 km (0.1 mi.) gap in the guardrail on the left and the station on the left, just short of the 177 mile marker.

To reach the station from the junction of State Route 46 and Interstate 40 go east 3.9 km (2.4 mi.) to a bridge over Interstate 40. Continue straight ahead and go east 3.5 km (2.2 mi.) on Interstate 40 to the station on the left, just past the 177 mile marker.

The station is a 3-D mark with stainless steel rod driven 5.5 m (18 ft.). The logo cap is stamped---GPS 28 1987---, and a steel spike is embedded in the concrete. Located 18.5 m (60.7 ft.) south from the edge of the pavement of the westbound lanes, 48.2 m (158 ft.) north from the edge of the pavement of the eastbound lanes, 75.1 m (246 ft.) west-southwest from the west end of a guardrail, 54.7 m (179 ft.) east-southeast from the east end of a guardrail, 0.34 m (1.1 ft.) northeast from a fiberglass witness post.

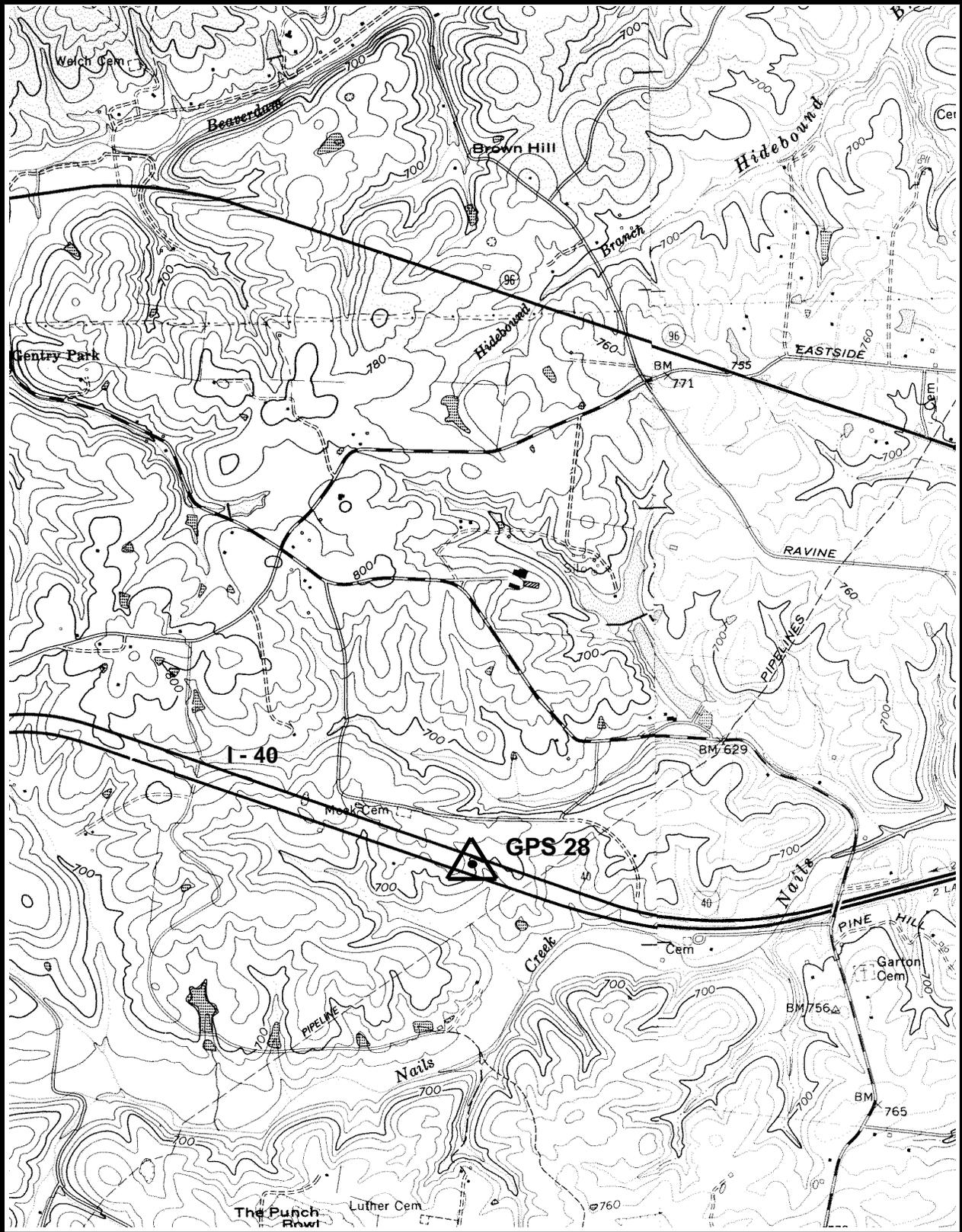
# STATION VISIBILITY DIAGRAM



ELEVATION	<u>213.258 m (699.66 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 1 ft 9 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 15 ft 24 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 28</u>	MAP SHEET	<u>48-SE, Burns</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

**TENNESSEE GEODETIC REFERENCE NETWORK**



GPS 28

48-SE, BURNS