

GPS - 11

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

Latitude:	36° 25 ft 3.03384 inches	TN Northing:	231477.921 m
Longitude:	86° 43 ft 2.18380 inches	TN Easting:	535671.167 m
Elevation:	250.351 m (821.36 ft)		
Convergence:	-0° 25 ft 11.7 inches	Scale Factor:	1.00000015
Monument Set by:	NGS	Date:	1987
County:	Robertson	Nearest Town:	Nashville
USGS QUAD:	Whitehouse	TVA Designation:	310-NW

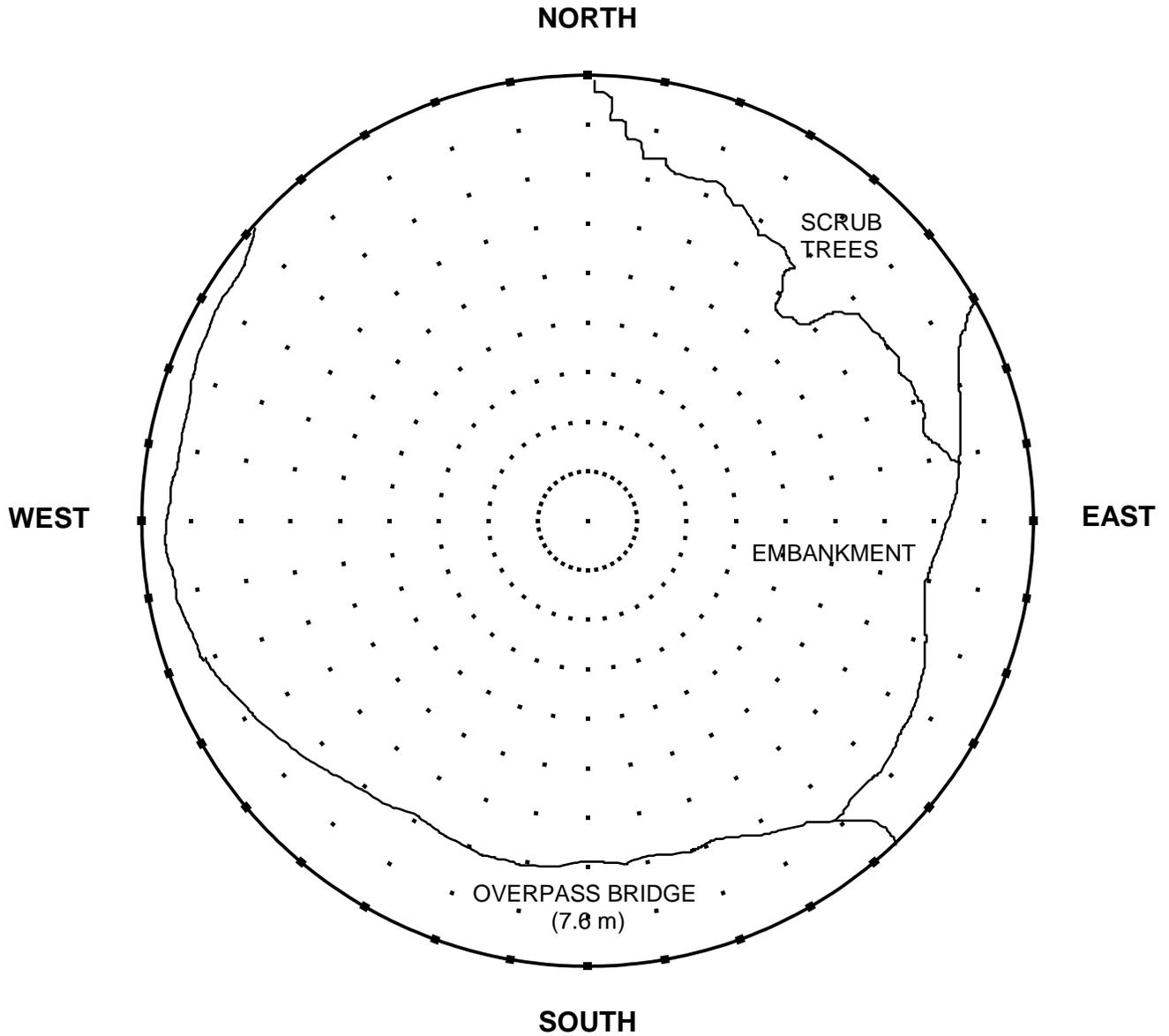
Description:

The station is located about 29.0 km (18 mi.) north of Nashville, at the junction of Interstate 65 and State Route 257 (Exit 104 Bethel Road). Ownership---Highway Right-of-Way.

The station is located at the junction of Interstate 65 and State Route 257 (Exit 104 Bethel Road) in a bedrock outcrop on the east right-of-way of Interstate 65, just north of State Route 257 overpass bridge.

The station is a standard NGS disk stamped---GPS 11 1987---, set into a drill hole in bedrock outcrop measuring 2.7 m (9 ft.) by 1.8 m (6 ft.) which is flat on top and projects 0.9 m (3 ft.) on its west side. Located 16.5 m (54 ft.) north from the centerline of the State Route 257 bridge, 9.8 m (32 ft.) east from the east edge of the Interstate 65 pavement, and 1.8 m (6 ft.) above same, 12.2 m (40 ft.) northwest from the northeast corner of the east abutment of the overpass bridge, 1.4 m (4.5 ft.) east from a fiberglass witness post.

STATION VISIBILITY DIAGRAM

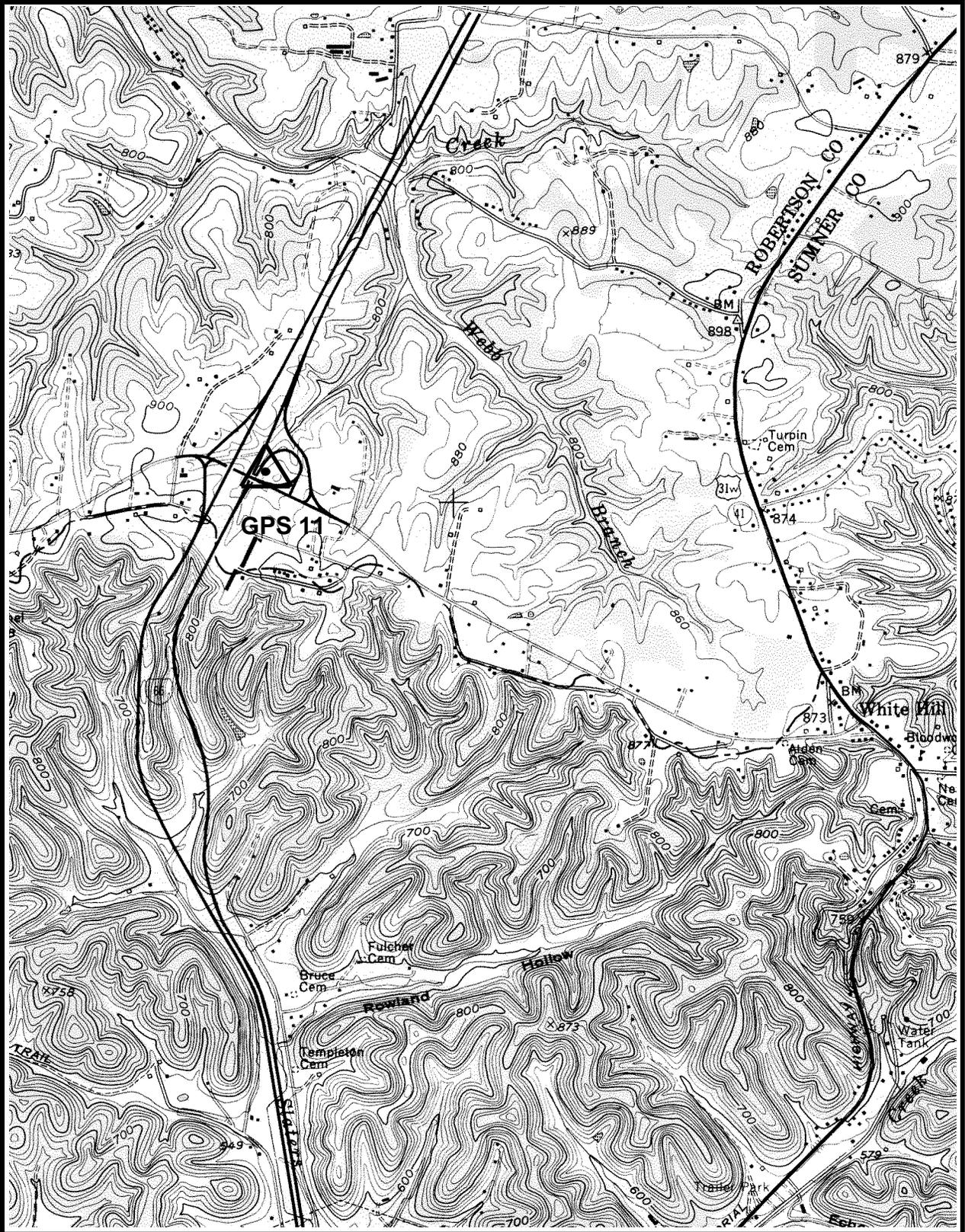


ELEVATION	<u>250.351 m (821.36 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 25 ft 3 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>86° 43 ft 2 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 11</u>	MAP SHEET	<u>310-NW, Whitehouse</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

1. For maximum results a 1.8 m (6 ft.) tripod may be required.

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 11

310-NW, WHITEHOUSE