

GPS - 10

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

Latitude:	36° 25 ft 20.90063 inches	TN Northing:	231808.158 m
Longitude:	86° 10 ft 56.62007 inches	TN Easting:	583642.796 m
Elevation:	154.109 m (505.60 ft.)		
Convergence:	-0° 6 ft 24.4 inches	Scale Factor:	1.00000103
Monument Set by:	NGS	Date:	1987
County:	Trousdale	Nearest Town:	Hartsville
USGS QUAD:	Hartsville	TVA Designation:	317-NW

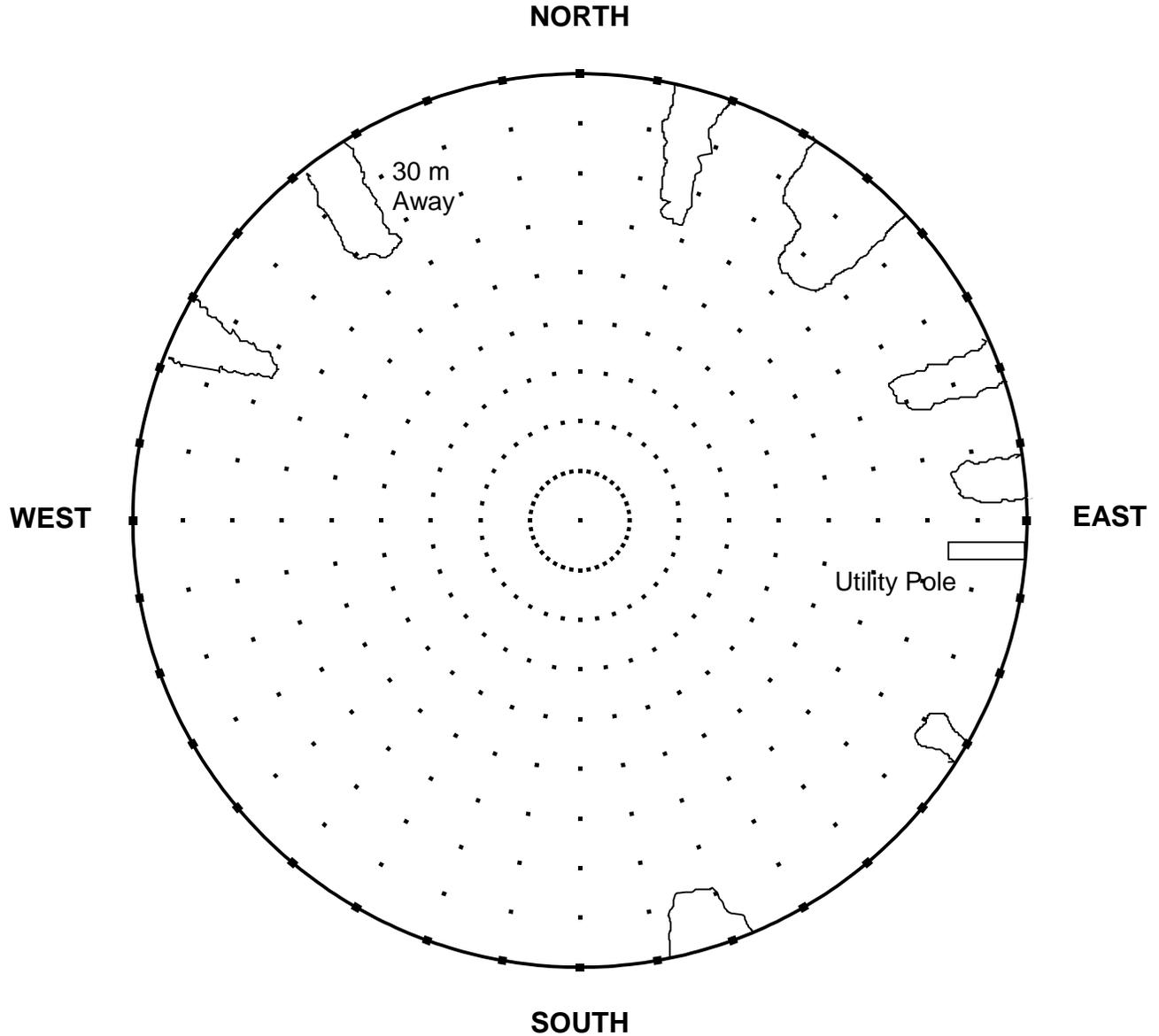
Description:

The station is located about 3.2 km (2 mi.) northwest of Hartsville, just southeast of the junction of State Routes 141 and 260, on the east right-of-way of State Route 141 in a flat rock outcrop between the road and an abandoned railroad bed. Ownership—State Right-of-Way.

To reach the station from the Courthouse in Hartsville go northwest for 0.2 km (0.1 mi.) on State Route 141 to a bend. Turn right and go north for 1.1 km (0.7 mi.) on State Route 141 to the junction of State Route 25. Turn left and go west for 0.3 km (0.2 mi.) on State Routes 141 and 25 to a junction where State Route 25 continues west. Turn right and go north for 2.9 km (1.8 mi.) on State Route 141 to the junction of State Route 260 and the station on the right.

The station is a standard NGS disk stamped---GPS 10 1987---, set into a drill hole in bedrock outcrop flush with ground and level with road. Located 30.8 m (101 ft.) southeast from the southeast corner of the State Route 260 bridge over a creek, 27.4 m (90 ft.) south-southeast from the center of the road junction, 7.06 m (23.2 ft.) west-southwest from a fiberglass witness post in the east right-of-way fence, 7.3 m (24 ft.) east from the center of State Route 141.

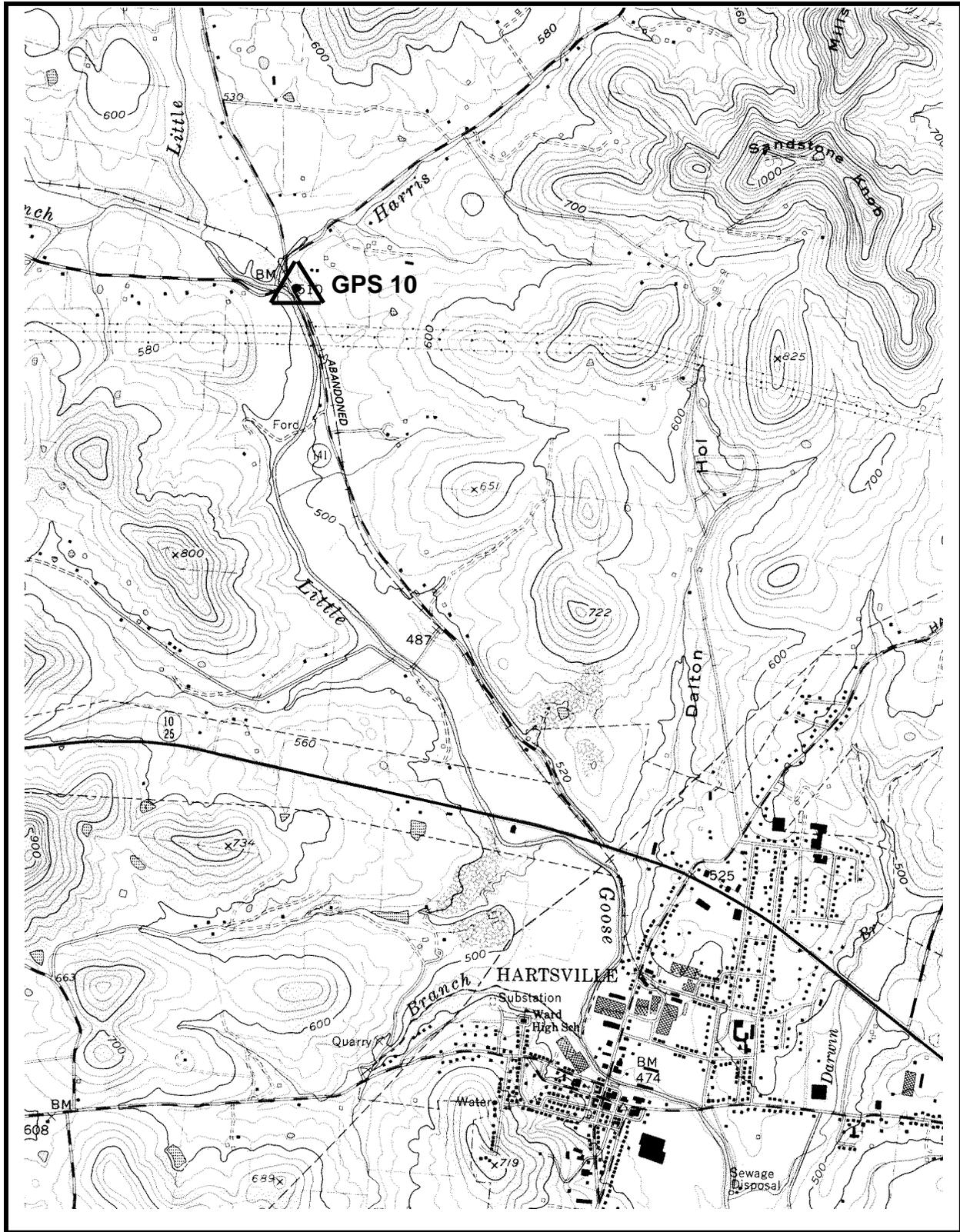
STATION VISIBILITY DIAGRAM



ELEVATION	<u>154.109 m (505.60 ft.)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 25 ft 21 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>86° 10 ft 57 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 10</u>	MAP SHEET	<u>317-NW, Hartsville</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



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317-NW, HARTSVILLE