

GPS - 23

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

Latitude:	35° 59 ft 59.73334 inches	TN Northing:	185327.762 m
Longitude:	85° 2 ft 40.17756 inches	TN Easting:	686146.592 m
Elevation:	533.472 m (1,750.23 ft)		
Convergence:	+0° 33 ft 33.8 inches	Scale Factor:	0.99995258
Monument Set by:	NGS	Date:	1987
County:	Cumberland	Nearest Town:	Crossville
USGS QUAD:	Isoline	TVA Designation:	108-SE

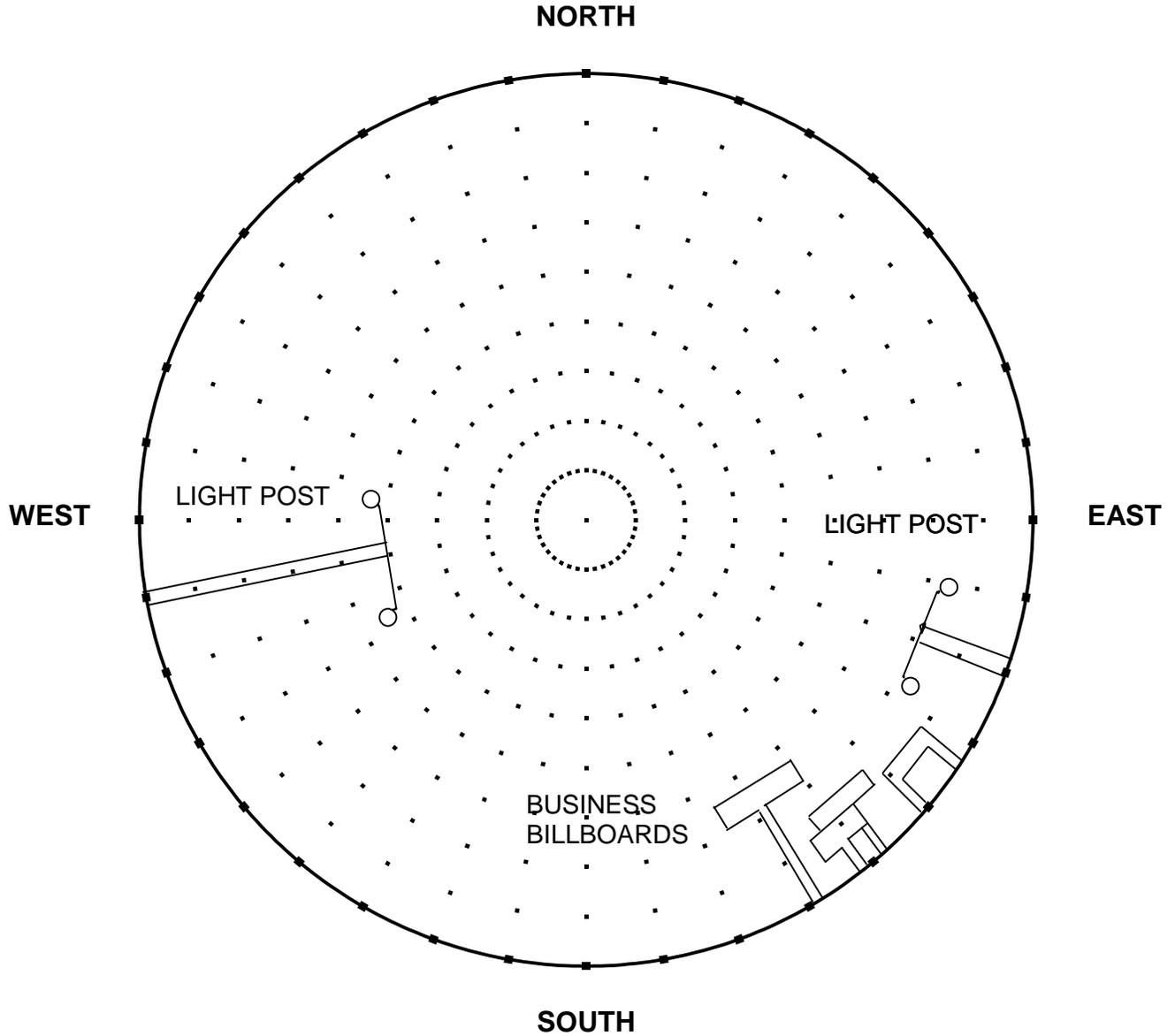
Description:

The station is located about 6.4 km (4 mi.) north of Crossville, at the junction of Interstate 40 and U.S. Highway 127. Ownership--State Right-of-Way.

The station is located at the junction of Interstate 40 and U.S. Highway 127 in a rock outcrop in the triangle plot of ground formed by U.S. Highway 127, eastbound Interstate 40, and the eastbound entrance ramp.

The station is a standard NGS disk stamped---GPS 23 1987---, set into a drill hole in bedrock outcrop measuring 3.0 m (10 ft.) by 0.9 m (3 ft.) flush with ground. Located 83.2 m (273 ft.) east from the southeast corner of the overpass bridge, 25.0 m (82 ft.) north-northeast from the entrance ramp centerline, 16.8 m (55 ft.) south-southwest from the centerline of the eastbound lanes of Interstate 40 and level with same, 0.7 meters (2.2 ft.) west from a fiberglass witness post cemented in the rock.

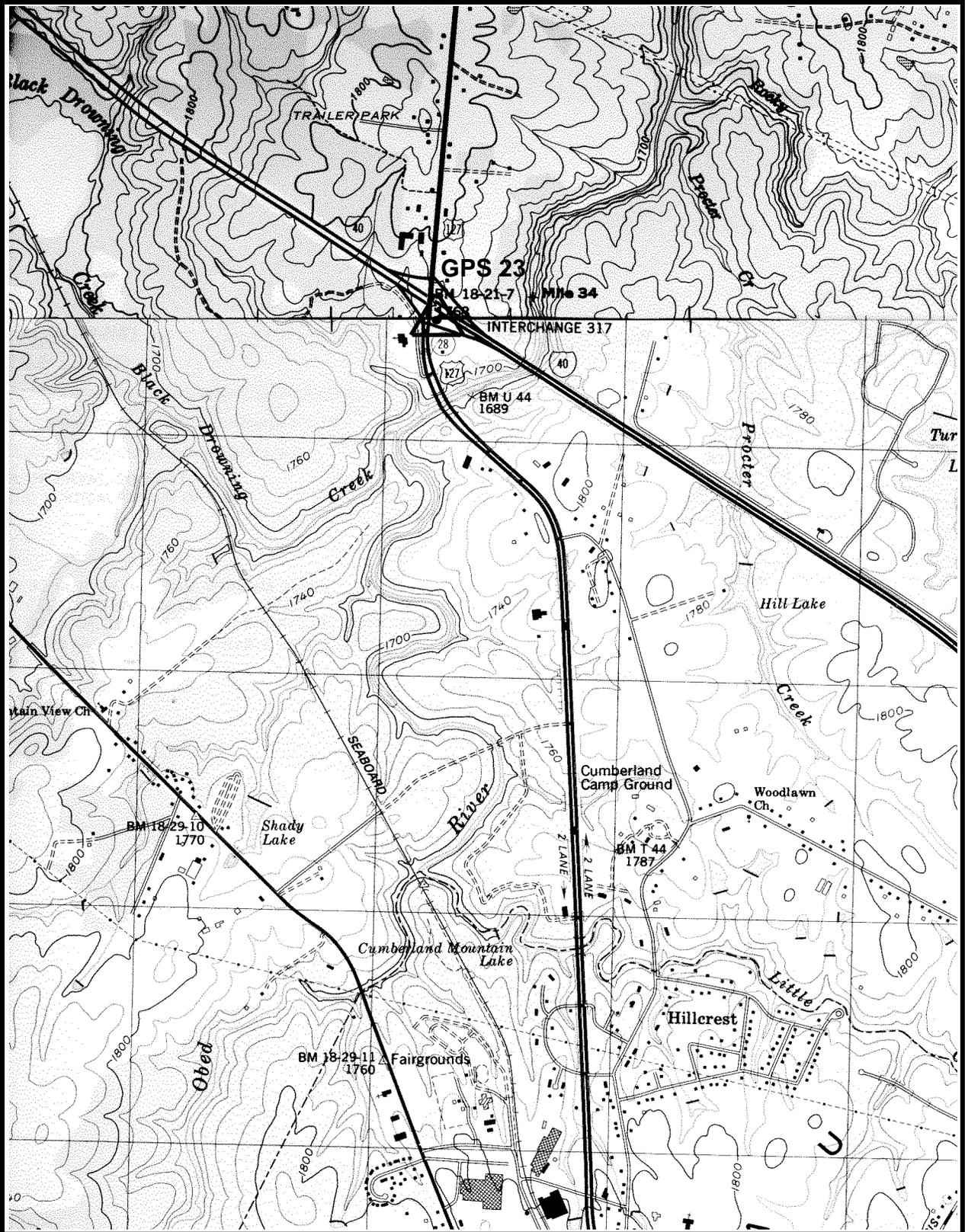
STATION VISIBILITY DIAGRAM



ELEVATION	<u>533.472 m (1,750.23 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 59 ft 60 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>85° 2 ft 40 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 23</u>	MAP SHEET	<u>108-SE, Isoline</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 23

108-SE, ISOLINE