

GPS - 20

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

Latitude:	35° 59 ft 46.63703 inches	TN Northing:	186918.108 m
Longitude:	83° 42 ft 37.72458 inches	TN Easting:	806412.669 m
Elevation:	308.663 m (1,012.67 ft)		
Convergence:	+1° 20 ft 25.4 inches	Scale Factor:	0.99995239
Monument Set by:	NGS	Date:	1987
County:	Knox	Nearest Town:	Knoxville
USGS QUAD:	Boyd's Creek	TVA Designation:	156-NW

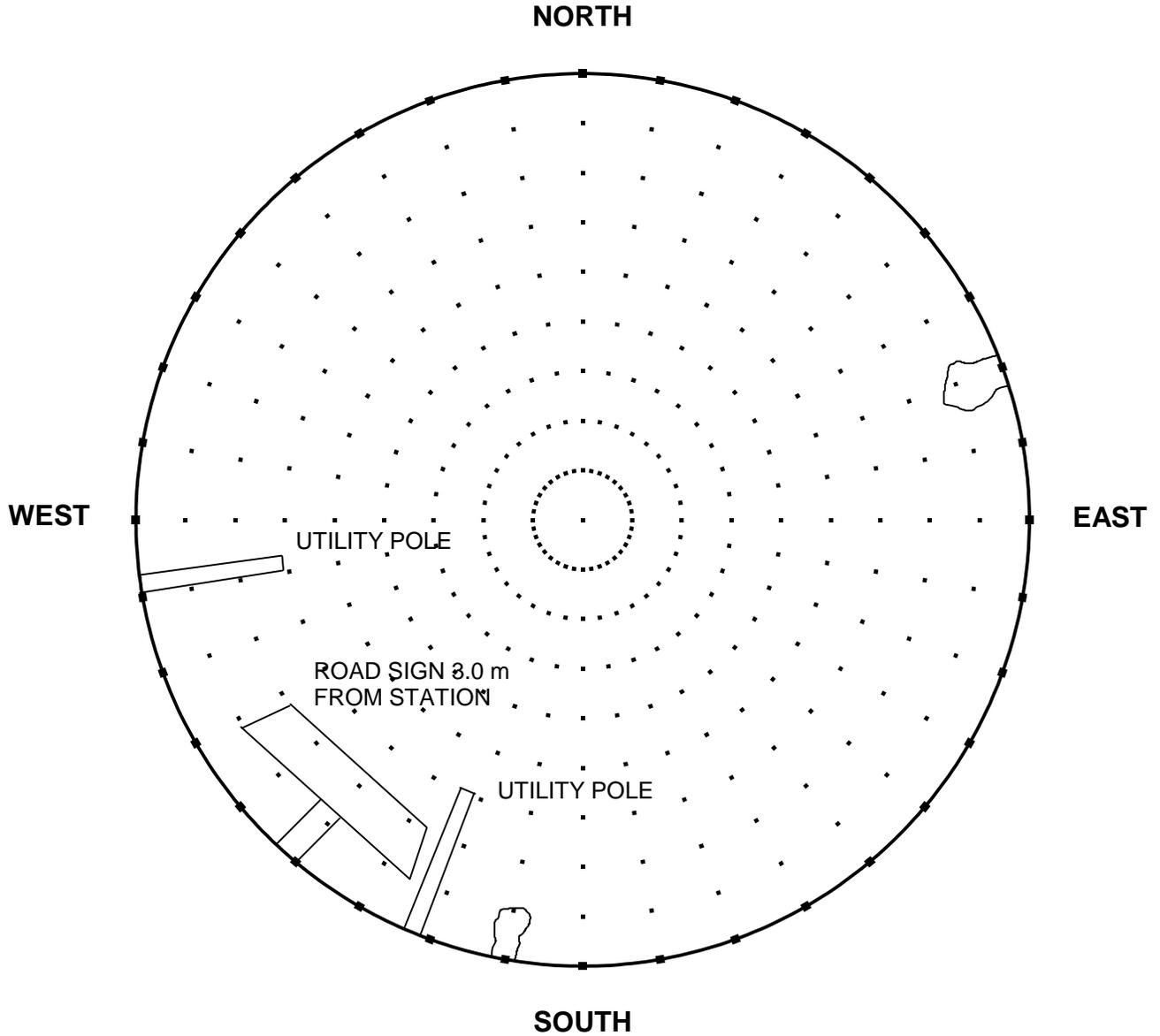
Description:

The station is located about 23 km (14 mi.) east of Knoxville, 0.6 km (0.4 mi.) west of Interstate 40 Exit 402 (Midway Road), at the south corner of the Thorngrove Road Bridge over Interstate 40. Ownership--Road Right-of-Way.

To reach the station from Interstate 40 Exit 402 go north for 0.72 km (0.45 mi.) from interstate centerline on Midway Road to the junction of Thorngrove Road. Turn left and go southwest for 1.1 km (0.7 mi.) on Thorngrove Road to the bridge over Interstate 40 and the station on the left.

The station is a 3-D mark with stainless steel rod driven 9.1 m (30 ft.). The logo cap is stamped ---GPS 20 1987---, located 7.0 m (23 ft.) southeast from the center of Thorngrove Road and 0.5 m (1.5 ft.) below same, 1.77 m (5.8 ft.) south from the south corner of the bridge, 1.16 m (3.8 ft.) southeast from a guardrail, 0.8 m (2.62 ft.) southeast from a fiberglass witness post.

STATION VISIBILITY DIAGRAM



ELEVATION	<u>308.663 m (1,012.67 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 59 ft 47 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>83° 42 ft 38 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 20</u>	MAP SHEET	<u>156-NW, Boyd's Creek</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

