

GPS - 29

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

Latitude:	36° 6 ft 50.74940 inches	TN Northing:	198970.353 m
Longitude:	87° 44 ft 30.11690 inches	TN Easting:	443203.003 m
Elevation:	229.182 m (751.91 ft)		
Convergence:	-1° 1 ft 10.8 inches	Scale Factor:	0.99996031
Monument Set by:	NGS	Date:	1987
County:	Humphreys	Nearest Town:	Waverly
USGS QUAD:	McEwen	TVA Designation:	39-SW

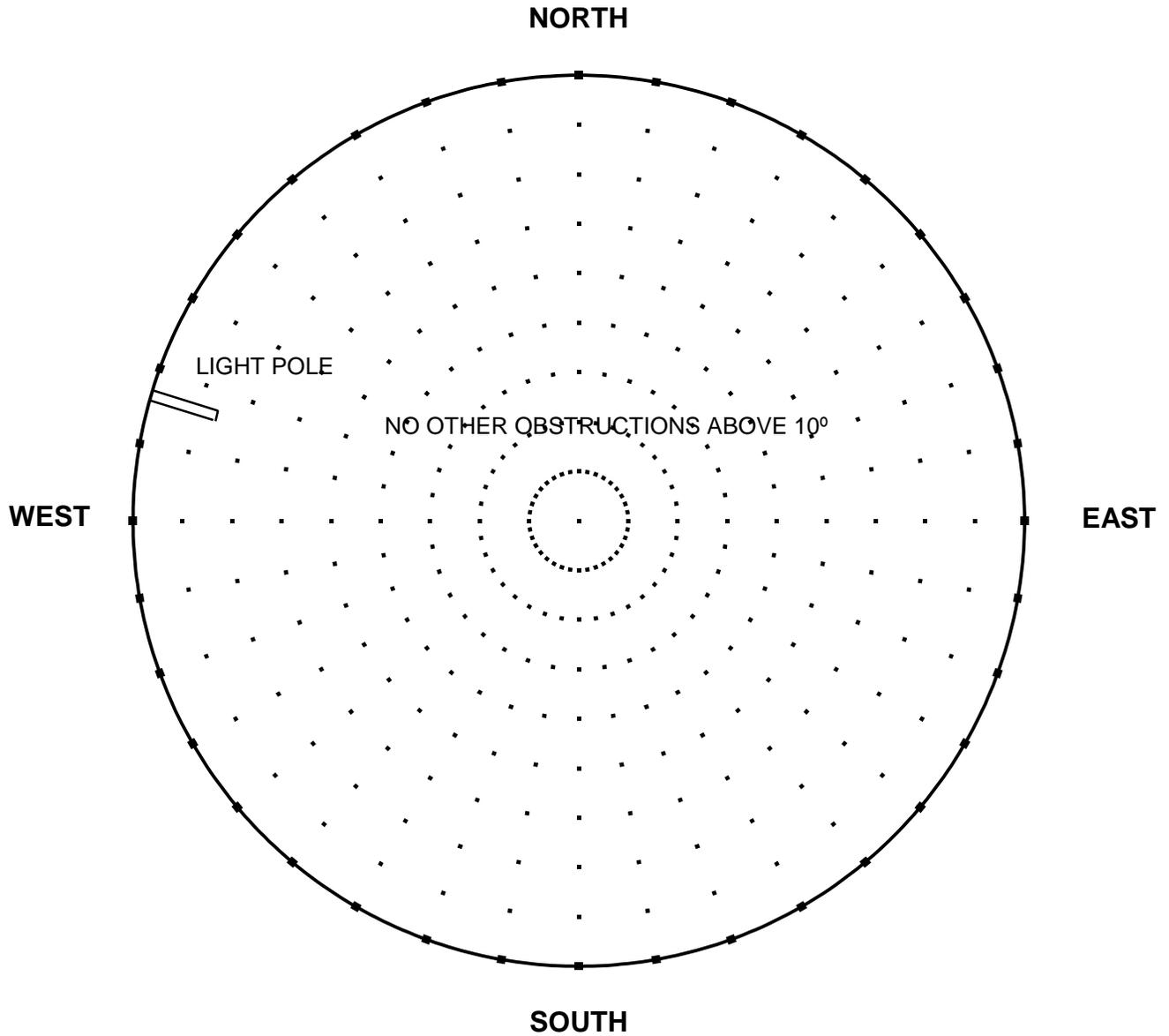
Description:

The station is located about 6.4 km (4 mi.) northeast of Waverly, at the Waverly/Humphreys County Airport. Ownership--Airport Manager is Travis Jenkins, Humphreys Co. Airport, 1005 Airport Rd., Waverly, TN 37185, Telephone (615) 296-2719. The airport manager may require use of the azimuth point 29 instead of the main point.

To reach the station from the junction of E. Main St. and State Route 13 at the city square in Waverly go east for 1.8 km (1.1 mi.) on E. Main St. to the intersection of Powers Boulevard. Turn left and go north for 2.6 km (1.6 mi.) on Powers Boulevard to the intersection of Airport Road. Turn right and go east for 2.9 km (1.8 mi.) on Airport Road to a gravel drive on the right and the airport office.

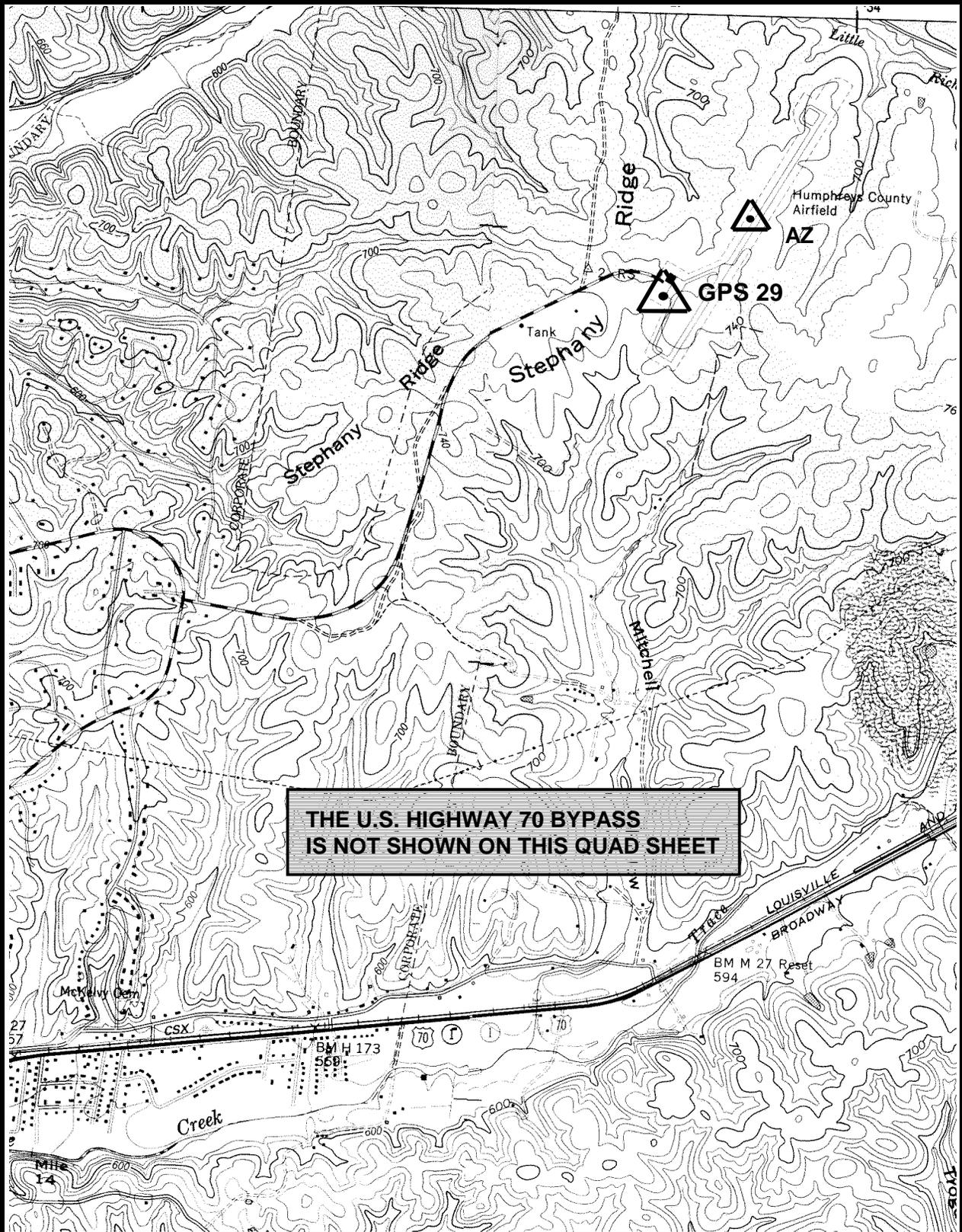
The station is a 3-D mark with stainless steel rod driven 3.1 m (10 ft.). The logo cap is stamped---GPS 29 1987---, and a steel spike is embedded in the concrete. Located 3.4 m (11 ft.) west of fuel tanks, 83.8 m (275 ft.) south-southwest from the southeast corner of the hangar, underneath the concrete taxiway covered by a 0.7 m² (2.3 ft²) steel plate, 3.0 m (10 ft.) west from a fiberglass witness post.

STATION VISIBILITY DIAGRAM



ELEVATION	<u>229.182 m (751.91 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 6 ft 51 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 44 ft 30 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 29</u>	MAP SHEET	<u>39-SW, McEwen</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:



GPS 29

39-SW, McEWEN

GPS - 29 AZ MK

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

Latitude:	36° 7 ft 00.61936 inches	TN Northing:	199269.083 m
Longitude:	87° 44 ft 17.90939 inches	TN Easting:	443513.647 m
Elevation:	227.865 m* (747.59 ft)		
Convergence:	-1° 1 ft 3.6 inches	Scale Factor:	0.99996054
Monument Set by:	NGS	Date:	1987
County:	Humphreys	Nearest Town:	Waverly
USGS QUAD:	McEwen	TVA Designation:	39-SW

Description:

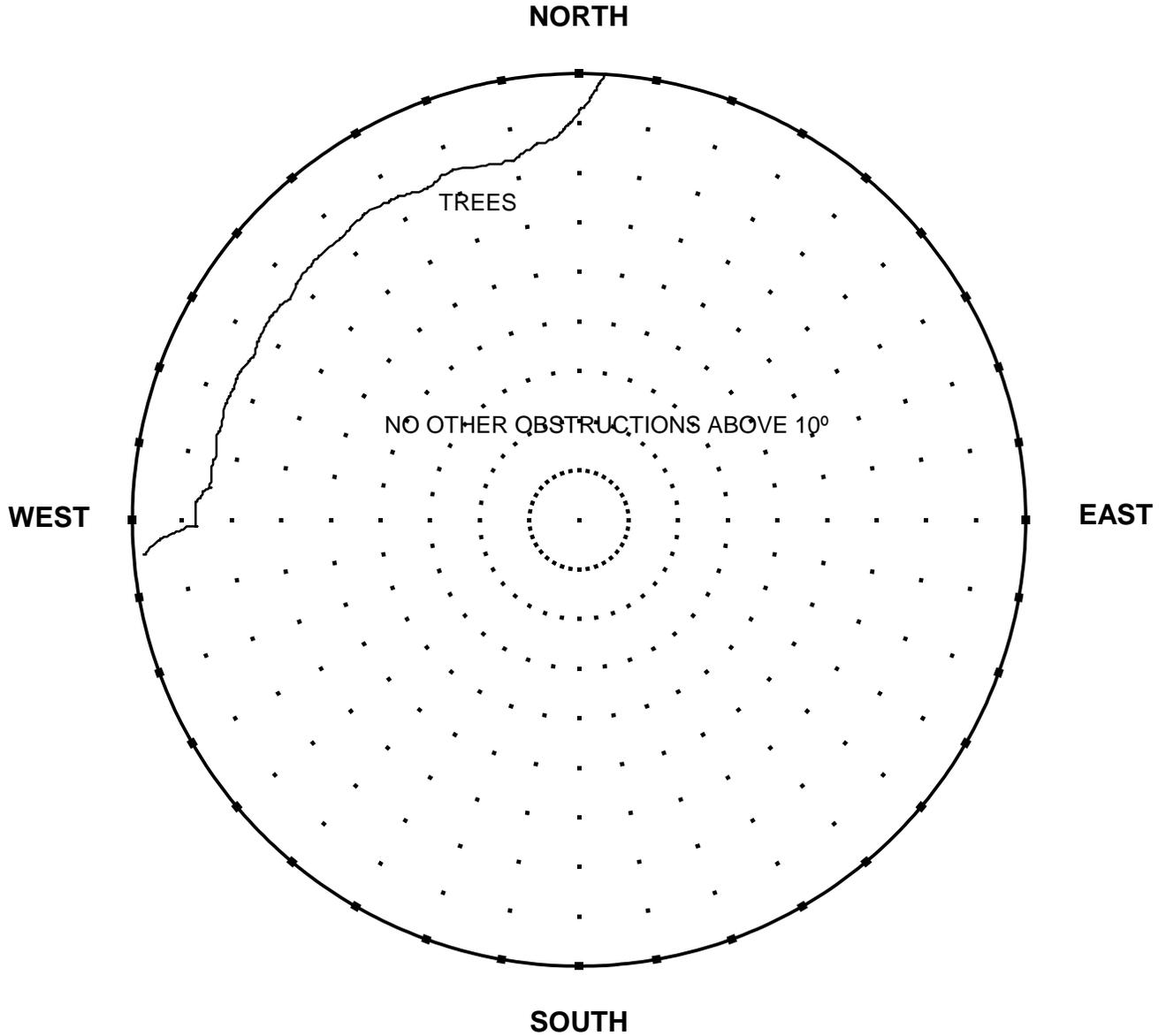
The station is located about 6.4 km (4 mi.) northeast of Waverly, at the Waverly/Humphreys County Airport. Ownership--Airport Manager is Travis Jenkins, Humphreys Co. Airport, 1005 Airport Rd., Waverly, TN 37185, Telephone (615) 296-2719. The airport manager may require use of the azimuth point 29 instead of the main point.

To reach the azimuth mark from the junction of E. Main St. and State Route 13 at the city square in Waverly go east for 1.8 km (1.1 mi.) on E. Main St. to the intersection of Powers Boulevard. Turn left and go north for 2.6 km (1.6 mi.) on Powers Boulevard to the intersection of Airport Road. Turn right and go east for 2.9 km (1.8 mi.) on Airport Road to the airport office in the southeast corner of a steel hangar and a gate. Pass through the gate adjacent to the hangar and go northeast 0.24 km (0.15 mi.) along a taxiway to the junction of the runway. Turn left and go northerly 0.16 km (0.1 mi.) along the west side of the runway to the mark, near the third white run light north of the junction of the taxiway and runway.

The azimuth mark is a 3-D mark with stainless steel rod driven 2.4 m (8 ft.). The logo cap is stamped---GPS 29 AZ MK 1987---, and a steel spike is embedded in the concrete. Located 13.6 m (44.7 ft.) northwest of the northwest edge of the runway, 10.9 m (35.8 ft.) northwest of the third white run light from the junction of the taxiway and runway, and 0.3 m (1 ft.) southwest of a fiberglass witness post. The mark is 25 mm (1 in.) below ground.

* GPS derived elevation using the Geoid 96 Model and the WGS 1984 Reference Ellipsoid.

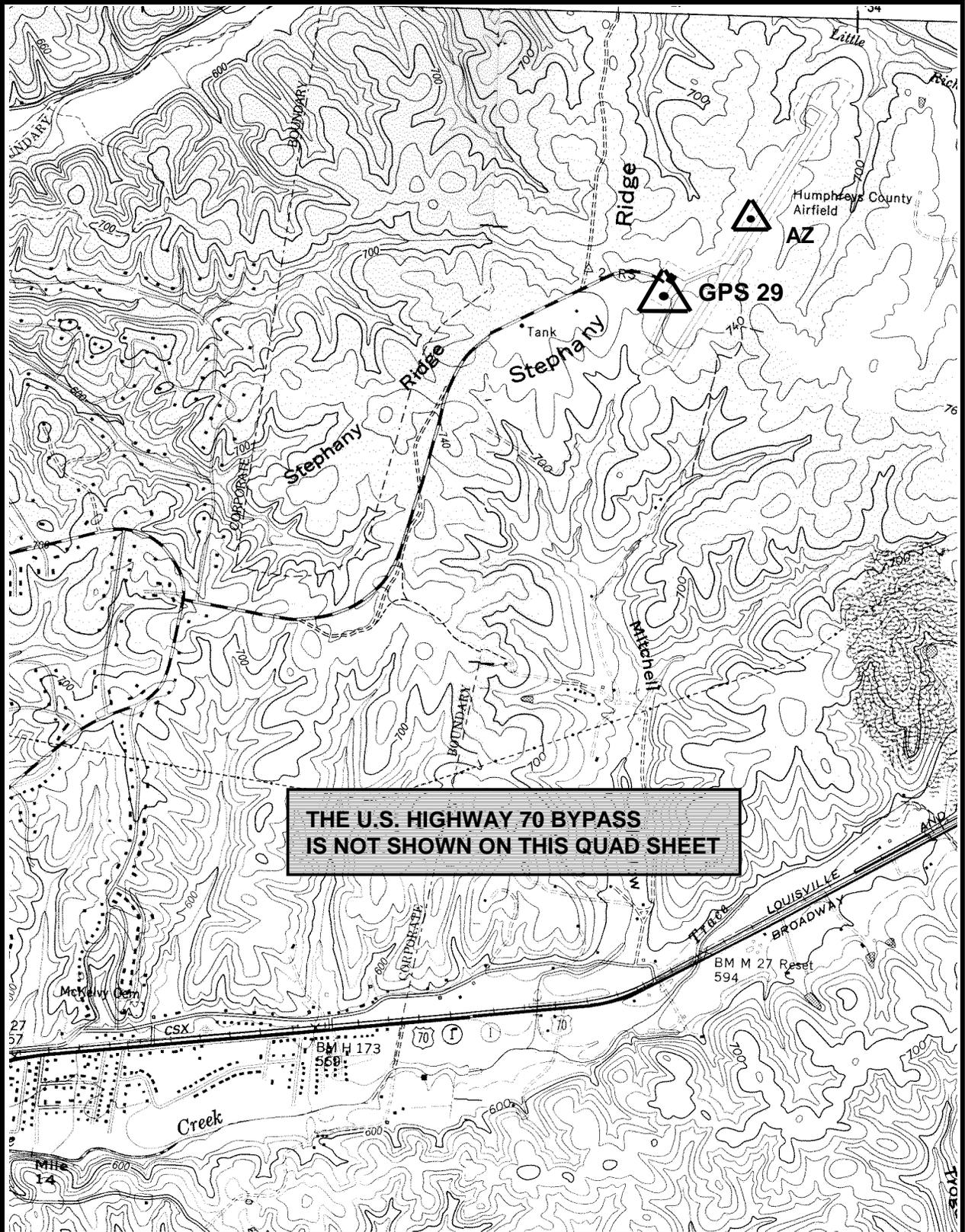
STATION VISIBILITY DIAGRAM



ELEVATION	<u>227.865 m (747.59 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 7 ft 0 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>87° 44 ft 18 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 29 AZ MK</u>	MAP SHEET	<u>39-SW, McEwen</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 29

39-SW, McEWEN