



Sheboygan County

Wisconsin County Coordinate System

Projection:	Transverse Mercator
Design Elevation:	182.880 meters (600 feet) [1280 high, 580 low]
Geoidal Separation:	- 34.02 meters
Origin Longitude:	87° 33' 00"
Origin Latitude:	43° 16' 00"
False Easting:	79,857.760 meters (262,000 feet)
False Northing:	0.00 meters (0.00 feet)
Scale Factor:	1.0000000

Approximate Ground to Grid Ratios

Rural (worst)	1:66,000	Northwest corner of the county
Urban	1:230,000	Sheboygan, Plymouth
	1:290,000	Sheboygan Falls
	1:500,000	Elkhart Lake, Oostburg, Random Lake

Approximate western most coordinate (X) = 100,000 feet

Approximate southern most coordinate (Y) = 101,000 feet

Design Comments:

Sheboygan, Manitowoc, and Kewaunee counties have the same projection system. The Sheboygan County projection was completed in December 1992 and was designed to fit the lake shore area and the general rise in elevation from east to west within Sheboygan County. This trend is true for Manitowoc and Kewaunee Counties as well.

(Note: All feet units for the Wisconsin County Coordinate System are U.S. Survey Foot. Please see further discussion of this issue on page 6 of the Summary of Terms section of this handbook.)