



Marquette County

Wisconsin County Coordinate System

Projection:	Lambert Conformal Conic
Design Elevation:	274.321 meters (900 feet) [1280 high, 780 low]
Geoidal Separation:	- 35.72 meters
Origin Longitude:	89° 14' 30"
Origin Latitude:	43° 05' 40"
False Easting:	150,876.3018 meters (495,000 feet)
False Northing:	0.00 meters (0.00 feet)
North Latitude:	43° 56' 50"
South Latitude:	43° 40' 00"

Approximate Ground to Grid Ratios

Rural (worst)	1:53,000	T17N, R8E, Sec 7, high point
Urban	1:330,000	Montello
	1:500,000	Oxford
	1:200,000	Westfield

Approximate western most coordinate (X) = 400,000 feet
Approximate southern most coordinate (Y) = 200,000 feet

Design Comments:

Marquette and Green Lake Counties have the same coordinate system. The combined coordinate system introduces slightly more distortion at high elevations in both counties. The one system provides minimal distortion in community areas in both counties.

(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.)