

Monroe County

Wisconsin County Coordinate System

Projection:	Lambert Conformal Conic
Design Elevation:	335.281 meters (1100 feet) [1440 high, 720 low]
Geoidal Separation:	- 33.29 meters
Origin Longitude:	90° 38' 30"
Origin Latitude:	42° 54' 10"
False Easting:	204,521.2091 meters (671,000 feet)
False Northing:	0.00 meters (0.00 feet)
North Latitude:	44° 09' 40"
South Latitude:	43° 50' 20"

Approximate Ground to Grid Ratios

Rural (worst)	.1:50,000	T18N, R2W, Sec 9, high point
Urban	.1:84,000	Sparta
	1:250,000	Tomah

Approximate western most co	ordinate $(X) = 584,000$ feet
Approximate southern most c	oordinate $(Y) = 300,000$ feet

Design Comments:

The highest areas in Monroe County run north-south through the County and fall off to the east and west of the ridge line. The Lambert projection was selected and shifted to the north.

(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.)