



# Brown County

Wisconsin County Coordinate System

Projection: Transverse Mercator  
Design Elevation: 35.80 meters (117.454 feet) [1080 high, 580 low]  
Geoidal Separation: - 35.80 meters  
Origin Longitude: 88° 00' 00"  
Origin Latitude: 43° 00' 00"  
False Easting: 31,600.0000 meters (103,674.3333 feet)  
False Northing: 4,600.00 meters (15,091.8333 feet)  
Scale Factor: 1.000020

## Approximate Ground to Grid Ratios

Rural (worst)	1:45,000.....	T12N, R20E, Sec 24, high point
Urban	1:97,000.....	Green Bay
	1:120,000.....	Pulaski
	1:66,000.....	Denmark

Approximate western most coordinate (X) = 38,000 feet

Approximate southern most coordinate (Y) = 467,000 feet

## Design Comments:

The Brown County coordinate system was designed in the 1991. The parameters were selected to fit the lake shore, the Fox Valley, and the city of Green Bay.

*(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.)*