



# Brown County

Wisconsin County Coordinate System

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