



# Oconto County

Wisconsin County Coordinate System

Projection: Transverse Mercator  
 Design Elevation: 243.840 meters (800 feet) [1760 high, 580 low]  
 Geoidal Separation: - 35.42 meters  
 Origin Longitude: 87° 54' 30"  
 Origin Latitude: 44° 23' 50"  
 False Easting: 182,880.3658 meters (600,000 feet)  
 False Northing: 0.00 meters (0.00 feet)  
 Scale Factor: 0.999991

## Approximate Ground to Grid Ratios

Rural (worst).....1:62,000 .....T33N, R17E, Sec 25, high point  
 Urban.....1:500,000.....Oconto, Sales  
                   1:350,000.....Oconto Falls  
                   1:320,000.....Gillett  
                   1:138,000.....Suring

Approximate western most coordinate (X) = 400,000 feet  
 Approximate southern most coordinate (Y) = 100,000 feet

## Design Comments:

The high and low elevations are evenly modeled with the Mercator projection and the cities and communities are fit 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.)*