



# Douglas County

Wisconsin County Coordinate System

Projection: Transverse Mercator  
 Design Elevation: 304.80 meters (1000 feet) [1340 high, 600 low]  
 Geoidal Separation: - 26.87 meters  
 Origin Longitude: 91° 55' 00"  
 Origin Latitude: 45° 53' 00"  
 False Easting: 59,131.31826 meters (194,000 feet)  
 False Northing: 0.00 meters (0.00 feet)  
 Scale Factor: 0.999994968

## Approximate Ground to Grid Ratios

Rural (worst).....1:41,000 .....Northeast corner of County low point  
 Urban.....1:56,000 .....Superior  
                   1:68,000.....South Superior  
                   1:180,000.....Brule  
                   1:90,000.....Solon Springs, Lake Nebagamon  
                   1:50,000.....Oliver

Approximate western most coordinate (X) = 98,000 feet  
 Approximate southern most coordinate (Y) = 100,000 feet

## Design Comments:

Douglas County has a high elevation ridge through the center of the county and falls off in elevation to the north and south. The primary urban area is in the low elevation area to the north on Lake Superior. This projection was completed in June 1992.

*(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.)*