



Marinette County

Wisconsin County Coordinate System

Projection: Transverse Mercator
Design Elevation: 274.321 meters (900 feet) [1660 high, 580 low]
Geoidal Separation: - 35.28 meters
Origin Longitude: 87° 42' 40"
Origin Latitude: 44° 41' 30"
False Easting: 238,658.8774 meters (783,000 feet)
False Northing: 0.00 meters (0.00 feet)
Scale Factor: 0.999986

Approximate Ground to Grid Ratios

Rural (worst).....1:53,000T37N, R20E, Sec 5, high point
Urban.....1:380,000Marinette
.....1:500,000Pestigo, Wausaukee
.....1:250,000Crivitz, Coleman
.....1:140,000Goodman, Amberg
.....1:54,000Niagra

Approximate western most coordinate (X) = 600,000 feet
Approximate southern most coordinate (Y) = 100,000 feet

Design Comments:

An overall fit of the county that was no worse than 1:70,000 could have been achieved, but the fit south of an east-west line through Wausaukee would have been worse than the selected projection.

(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.)