



# Trempealeau County

Wisconsin County Coordinate System

Projection: Transverse Mercator  
Design Elevation: 274.321 meters (900 feet) [1360 high, 660 low]  
Geoidal Separation: - 31.23 meters  
Origin Longitude: 91° 22' 00"  
Origin Latitude: 43° 09' 40"  
False Easting: 256,946.9138 meters (843,000 feet)  
False Northing: 0.00 meters (0.00 feet)  
Scale Factor: 0.999998

## Approximate Ground to Grid Ratios

Rural (worst) .....1:40,000 .....T20N, R8W, Sec 20, high point  
Urban .....1:500,000 .....Whitehall, Blair  
1:119,000.....Trempealeau  
1:300,000.....Osseo, Independence  
1:220,000.....Arcadia, Strum  
1:140,000.....Galesville, Ettrick

Approximate western most coordinate (X) = 778,000 feet

Approximate southern most coordinate (Y) = 300,000 feet

## Design Comments:

The design elevation for Trempealeau County was picked below the median elevation because most communities and transportation corridors are at lower elevations.

*(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.)*