



# Washington County

Wisconsin County Coordinate System

Projection: Transverse Mercator  
Design Elevation: 304.801 meters (1000 feet) [1320 high, 760 low]  
Geoidal Separation: - 34.66 meters  
Origin Longitude: 88° 03' 50"  
Origin Latitude: 42° 55' 05"  
False Easting: 120,091.4402 meters (394,000 feet)  
False Northing: 0.00 meters (0.00 feet)  
Scale Factor: 0.999995

## Approximate Ground to Grid Ratios

Rural (worst).....1:65,000 .....T9N, R18E, Sec 14, Holy Hill  
Urban.....1:137,000 .....Westbend  
1:500,000.....Hartford

Approximate western most coordinate (X) = 300,000 feet

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

## Design Comments:

Washington County has a general elevation rise from the east to the west. The central meridian passes through the southeast corner of the county.

*(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.)*