Vernon County



Wisconsin County Coordinate System

Projection: Lambert Conformal Conic

Design Elevation: 304.801 meters (1000 feet) [1360 high, 640 low]

Geoidal Separation: - 32.86 meters

90° 47' 00" Origin Longitude: Origin Latitude: 43° 08'50"

False Easting: 222,504.4450 meters (730,000 feet)

False Northing: 0.00 meters (0.00 feet)

43° 41' 00" North Latitude: South Latitude: 43° 28' 00"

Approximate Ground to Grid Ratios

Rural (worst)	1:52,000	Northwest corner of County
Urban	1:120,000	La Farge
	1:66,000	Viroqua, Stoddard
	1:55,000	Westby
	1:70,000	Coon Valley, Ontario, Readstown
	1:500.000	Hillsboro

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

Design Comments:

The high and low elevations are scattered throughout the county. Because the county is longer in the east-west direction than the north-south direction, the Lambert was selected.

(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.)