



Taylor County

Wisconsin County Coordinate system

Projection: Lambert Conformal Conic
Design Elevation: 426.721 meters (1400 feet) [1760 high, 1100 low]
Geoidal Separation: - 30.80 meters
Origin Longitude: 90° 29' 00"
Origin Latitude: 44° 12' 30"
False Easting: 187,147.5743 meters (614,000 feet)
False Northing: 0.00 meters (0.00 feet)
North Latitude: 45° 18' 00"
South Latitude: 45° 03' 20"

Approximate Ground to Grid Ratios

Rural (worst).....1:62,000T 33N, R 1 E, Sec 22, high point
Urban.....1:190,000Medford
 1:370,000.....Stetsonville
 1:120,000.....Rib Lake
 1:280,000.....Westboro
 1:150,000.....Gilman

Approximate western most coordinate (X) = 500,000 feet
Approximate southern most coordinate (Y) = 300,000 feet

Design Comments:

Taylor County has general rise in elevation from west to east and from south to north. The Lambert projection was shifted south to accommodate the general south to north rise.

(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.)