



Langlade County

Wisconsin County Coordinate System

Projection:	Lambert Conformal Conic
Design Elevation:	457.201 meters (1500 feet) [1840 high, 1040 low]
Geoidal Separation:	- 34.08 meters
Origin Longitude:	89° 02' 00"
Origin Latitude:	44° 12' 25"
False Easting:	198,425.1968 meters (651,000 feet)
False Northing:	0.00 meters (0.00 feet)
North Latitude:	45° 18' 30"
South Latitude:	45° 00' 00"

Approximate Ground to Grid Ratios

Rural (worst).....	1:52,000	T32N, R13W, Sec 29, high point
Urban.....	1:270,000	Antigo
	1:500,000	Elcho

Approximate western most coordinate (X) = 550,000 feet
Approximate southern most coordinate (Y) = 300,000 feet

Design Comments:

There is a general rise in elevation from south to north in Langlade County. The county is approximately eight miles longer on the east-west direction. The Lambert projection was selected to minimize distortion in the major urban area of Antigo.

(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.)