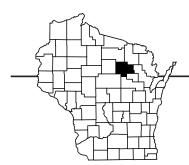
## **Langlade County**



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 po	oint
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.)