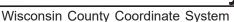
## **Iron County**





Projection: Transverse Mercator

Design Elevation: 487.681 meters (1600 feet) [1840 high, 600 low]

Geoidal Separation: - 30.39 meters

Origin Longitude: 90° 15' 20"

Origin Latitude: 45° 26' 00"

False Easting: 220,980.4420 meters (725,000 feet)

False Northing: 0.00 meters (0.00 feet)

Scale Factor: 0.999996

## Approximate Ground to Grid Ratios

Rural (worst)	.1:20,000	Along Shoreline of Lake Superior
Urban	.1:500,000	Hurley, Mercer
	1:83,000	Montreal
	1:380,000	Upson

Approximate western most coordinate (X) = 650,000 feet Approximate southern most coordinate (Y) = 200,000 feet

## **Design Comments:**

The areas in the northeast corner of Iron County, below 1000 feet in elevation, fall below the 1:30,000 criteria. This area is approximately 30 square miles. Most of the county is nearer 1600 feet elevation and is fit within the criteria.

(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.)