Brown County
Wisconsin County Coordinate System

Projection: Transverse Mercator
Design Elevation: 35.80 meters (117.454 feet) [1080 high, 580 low]
Geoidal Separation: -35.80 meters
Origin Longitude: 88° 00' 00"
Origin Latitude: 43° 00' 00"
False Easting: 31,600.0000 meters (103,674.3333 feet)
False Northing: 4,600.00 meters (15,091.8333 feet)
Scale Factor: 1.000020

Approximate Ground to Grid Ratios
Rural (worst) 1:45,000..................T12N, R20E, Sec 24, high point
Urban 1:97,000..................Green Bay
1:120,000..................Pulaski
1:66,000..................Denmark

Approximate western most coordinate (X) = 38,000 feet
Approximate southern most coordinate (Y) = 467,000 feet

Design Comments:
The Brown County coordinate system was designed in the 1991. The parameters were selected to fit the lake shore, the Fox Valley, and the city of Green Bay.

(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.)