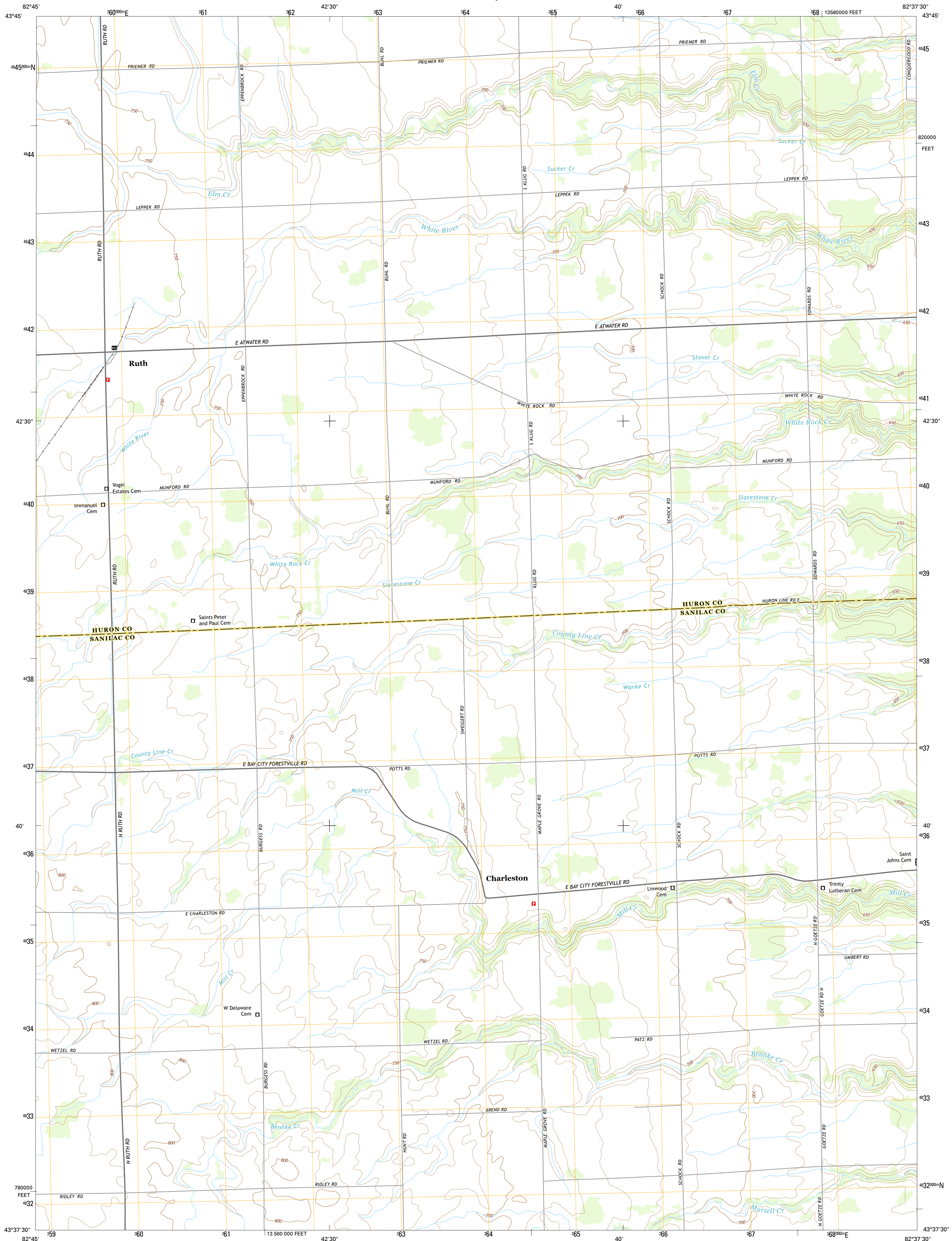




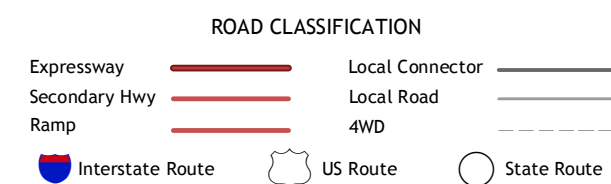
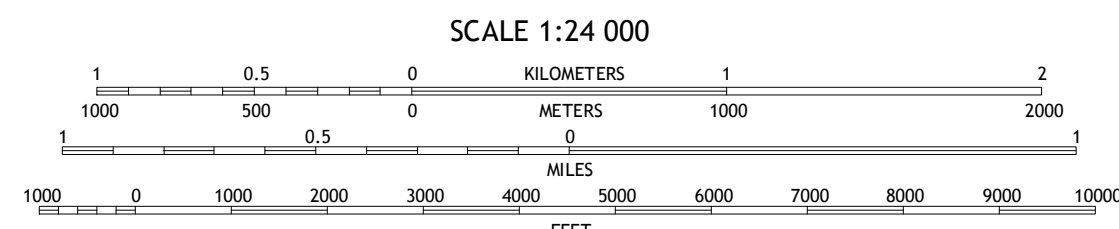
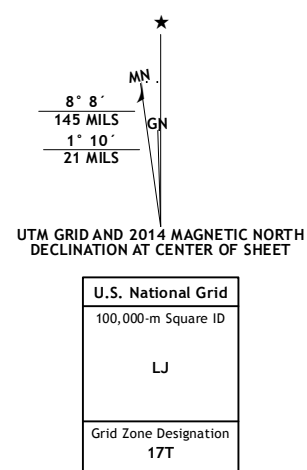
U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



RUTH QUADRANGLE  
MICHIGAN  
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Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84), Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 17T  
10 000-foot ticks: Michigan Coordinate System of 1983 (south  
zone)  
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Hydrography.....National Hydrography Dataset, 2012  
Contours.....National Elevation Dataset, 1999  
Boundaries.....Multiple sources; see metadata file 1972-2013  
Public Land Survey System.....BLM, 2011



SCALE 1:24 000

CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.16

1	2	3	1 Bad Axe SE
4	5	6	2 Harbor Beach
6	7	8	3 Harbor Beach OE E
			4 Minden City
			5 Forestville
			6 Palms
			7 Deckerville
			8 Richmondville

RUTH, MI  
2014

