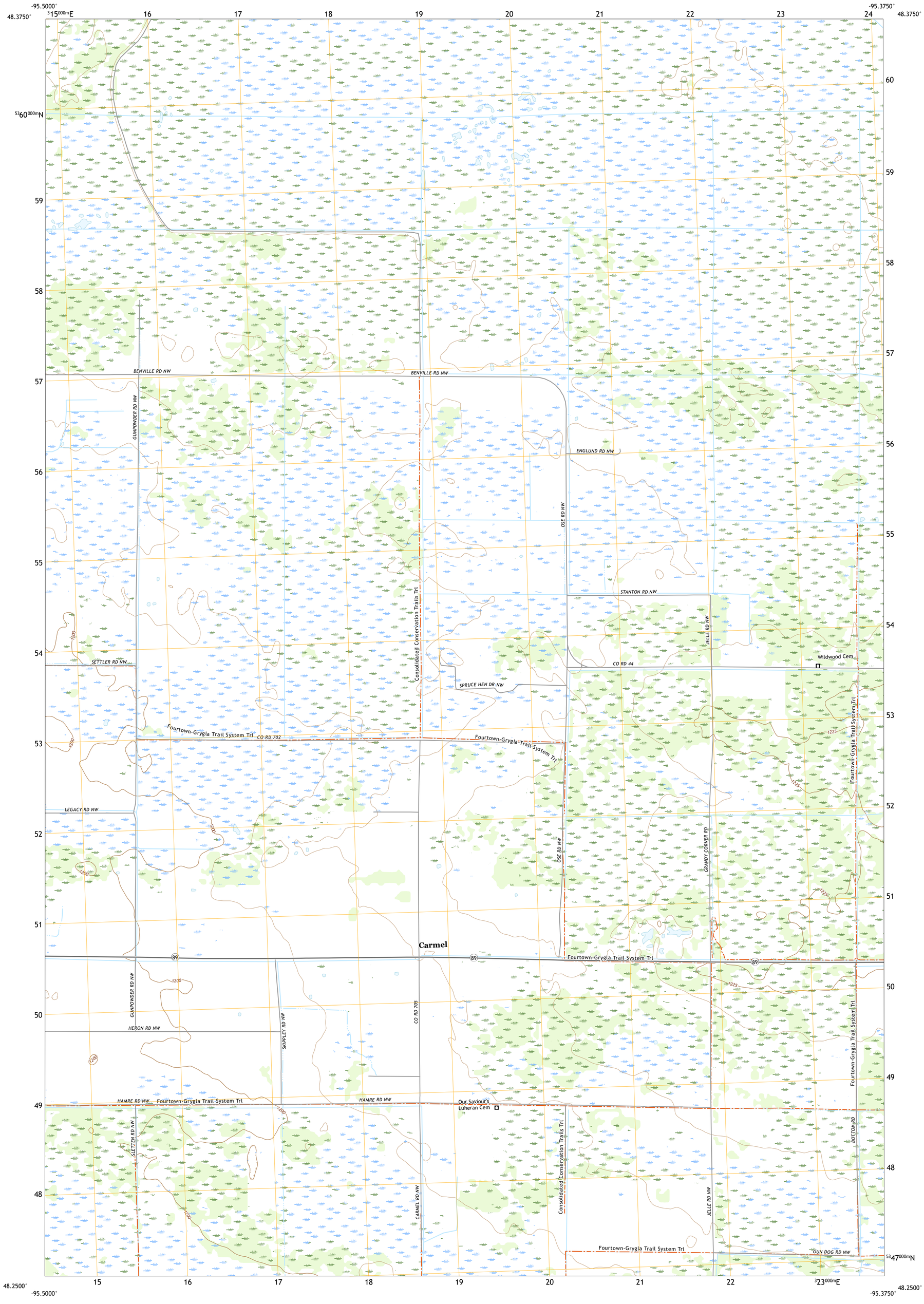
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

CARMEL QUADRANGLE
MINNESOTA - BELTRAMI COUNTY
7.5-MINUTE SERIES



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 15U

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery	NAIP, July 2017 - November 2017	
Roads	U.S. Census Bureau,	2016
Names	GNIS,	1980
Hydrography	National Hydrography Dataset, 2004 -	2018
Contours	National Elevation Dataset,	2012
Boundaries	Multiple sources; see metadata file 2019 -	2021
Public Land Survey System	BLM,	2020
Wetlands	FWS National Wetlands Inventory 1982 -	1983

MN
GN
1°49′
32 MILS
1°41′
30 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
UP
Grid Zone Designation 15U

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Grygla NE
2 Four Town NW
3 Gates Corner
4 Grygla
5 Four Town
6 Erie NE
7 Jelle
8 Jelle NE

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

CARMEL, MN
2022

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NGA REF NO. USGSX24K7319