

Dataset Name	Description	Category	Data Owner / Source	Coverage Area	Relevant	Relevance - Description	Date	Method	Completeness	Accuracy	Attributes Included	Summary/Note
Paging Transmission Towers	This dataset represents FCC paging transmission tower locations.	Infrastructure - Communications	HIFLD	National	Yes	Communications tower locations	last updated 7/6/24				It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated.	url to associated FCC Universal Licensing System summary
Land Mobile Commercial Transmission Towers	This dataset represents Land Mobile Commercial transmission tower locations as recorded by the Federal Communications Commission, extracted from the FCC Licensing Database.	Infrastructure - Communications	HIFLD	National	Yes	Communications tower locations	last updated 7/6/24	Updated quarterly			It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated.	url to associated FCC Universal Licensing System summary
Land Mobile Private Transmission Towers	Land Mobile Private transmission tower locations as recorded by the Federal Communications Commission, extracted from the FCC Licensing Database.	Infrastructure - Communications	HIFLD	National	Yes	Communications tower locations	last updated 7/6/24	Updated daily?			It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated.	url to associated FCC Universal Licensing System summary
Cellular Towers	This dataset represents cellular tower locations as recorded by the Federal Communications Commission.	Infrastructure - Communications	HIFLD	National	Yes	Communications tower locations	last updated 7/6/24	Updated annually			It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated.	url to associated FCC Universal Licensing System summary
Antenna Structure Registration (ASR)	The Antenna Structure Registration (ASR) System is an online system that stores the location, height, marking and lighting, and other information on all antenna structures that are registered with the FCC.	Infrastructure - Communications	HIFLD	National	Yes	Communications tower locations	last updated 7/6/24	Updated annually			It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated.	url to associated FCC Universal Licensing System summary
Broadband Radio Service (BRS) and Educational Broadband (EBS) Transmitters	Transmitter locations	Infrastructure - Communications	HIFLD	National	Yes	Transmitter locations	last updated 7/6/24	Updated annually			It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated.	url to associated FCC Universal Licensing System summary
Microwave Service Towers	This dataset represents Microwave Service Towers, which is a part of a communications system that uses a beam of radio waves in the microwave frequency range to transmit video, audio, or data between two locations, which can be from just a few feet or meters to several miles or kilometers apart.	Infrastructure - Communications	HIFLD	National	Yes	Transmitter locations	last updated 7/6/25				It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated.	url to associated FCC Universal Licensing System summary
Vtrans ROW Lines	ROW Lines, includes state, town, historic.	ROW	Vtrans	Statewide	High	ROW Location		Links to cad file/ VTrans filepath of drawing				
1111 Permits - public	Permits for work within Right of Way, for driveways, utilities, drainage, structures, etc.	Permit - ROW	Vtrans Assets	Statewide	Yes	Work within ROW						
1111 Permits - Vtrans gdb	Permits for work within Right of Way, for driveways, utilities, drainage, structures, etc.	Permit - ROW	Vtrans Assets	Statewide	Yes	Work within ROW	-	Geolocated via 2024 LRS system	Incomplete where ROW/LRS is not available due to change over time	Incomplete where ROW/LRS is not available due to change over time		
Approved Communication Tower Sites	Communication Tower Sites Approved by VT PUC (Public Utility Commission)	Permit - Communications	VT (DPS) Department of Public Service	Statewide	Yes	Communications tower sites	2011-2017 (Deprecated)	Geolocated locations from E-911 address points associated with permit applications	E-911 address different from permit address	E-911 address different from permit address		Permit only/build unknown
Act250 Permit	(for proposed towers/antenna)	Permit - Communications	VT ANR	Statewide	Yes	Communications infrastructure	1970-2016	Field in table links to Act 250 online Database	90% complete up to 2016			
VT Telecommunication Facilities	Represent the location of telecommunications (towers and/or antennas) facilities in Vermont.	Infrastructure - Communications	VCGI	Statewide	Yes			Derived from FCC Antenna Structure Database. Post year 2000, rest of points added from Act 250 permit info.		Accuracy "questionable" & null values in table		

VT Data Fiber Routes 2024	Routes of "Fiber-To-The-Home" (FTTH) internet service along Vermont roadways	Infrastructure - Communications	VT (DPS) Department of Public Service	Statewide	High	Fiber routes within ROW	Current summer 2024	The data set was built using the VT Data - E911 Road Centerlines and service availability information voluntarily shared by fiber providers in Vermont. Data is collected and collated from Vermont's fiber providers by PSD-Telecom. Each year, PSD-T requests data from internet service providers regarding the service routes for that organization.	Snapped to road centerlines. Not real location of utility.	Snapped to road centerlines. Not real location of utility.	Snapped to road centerline
VT Data Fiber Routes 2022 Broadband Status 2024	Broadband deployment throughout the State of Vermont as of 2024.	Infrastructure - Communications Coverage - Communications	VT (DPS) Department of Public Service VT (DPS) Department of Public Service	Statewide Statewide	Yes Yes		Current summer 2024	Fastest speed at address points as reported by service provider, geolocated using E911 Site location address points	Snapped to Home address	Snapped to Home address	
Broadband Status 2022 Cable Routes 2024		Coverage - Communications Infrastructure - Communications	VT (DPS) Department of Public Service VT (DPS) Department of Public Service	Statewide Statewide	Yes High	Cable routes within ROW	Current summer 2024	Built using VT E911 Road Centerlines. Data is collected and collated from Vermont's cable providers by PSD-Telecom. Each year, PSD-T collects data from cable providers regarding the service routes for that organization.	Snapped to road centerlines. Not real location of utility.	Snapped to road centerlines. Not real location of utility.	Snapped to road centerline
Cable Routes 2022	This dataset illustrates the routes of cable television and internet service along Vermont roadways	Infrastructure - Communications	VT (DPS) Department of Public Service	Statewide	Yes						
Open Access Fiber routes	Routes where open access state-owned fiber is installed throughout Vermont.	Infrastructure - Communications	VT (DPS) Department of Public Service	No	Deprecated						
Microcell Sites	Locations where state-owned roadside microcell transmitters are installed.	Infrastructure - Communications									
Water Utility Distribution Network (ANR)	(Forthcoming) Stormwater, sewer and drinking water infrastructure compiled for clear water initiative program. Planning purposes	Infrastructure - Water	VT ANR	Statewide		Water Infrastructure within ROW	2010-current		Planning use	Planning use	
Water Infrastructure - Drinking Water		Infrastructure - Water	VT ANR	Data rarely available							
Water Infrastructure - Stormwater		Infrastructure - Water	VT ANR	Many urbanized town and village centers							
Water Infrastructure - Wastewater		Infrastructure - Water	VT ANR	some town, currently being developed							
Public Water Sources		Infrastructure - Water	VT ANR	Statewide							
Private Wells		Infrastructure - Water	VT ANR	Statewide							
Electric Substations	Locations of electric utility substations in Vermont	Infrastructure - Electric	VT (DPS) Department of Public Service	Statewide							
Vermont Gas Pipeline (GMP) Green Mountain Power		Infrastructure - Gas Infrastructure - Electric	Vtrans Assets VCGI	Statewide GMP Service Area				Link to gpb with bundled dataset and table of pole-attachments			
Power Pole Data	For general planning and to facilitate applications to attach to poles.	Infrastructure - Electric	VCGI	GMP Service Area							
Power Surface Structure		Infrastructure - Electric	VCGI	GMP Service Area							
Underground Structure Data		Infrastructure - Electric	VCGI	GMP Service Area							
Power Line Data		Infrastructure - Electric	VCGI	GMP Service Area							
3-Phase Power		Infrastructure - Electric	VCGI	Partial				Source data provided by Green Mountain Power,			
WEC (Washington Electric Cooperative) WEC Utility Poles WEC Utility Lines VEC (VT Electric Cooperative) VEC Poles	Electric Infrastructure	Infrastructure - Electric Infrastructure - Electric Infrastructure - Electric Infrastructure - Electric Infrastructure - Electric	VT (DPS) Department of Public Service VT (DPS) Department of Public Service VT (DPS) Department of Public Service VCGI VCGI	WEC Service Area WEC Service Area WEC Service Area VEC Service Area VEC Service Area							

VEC Primary Overhead and Underground Distribution
Lines
Electric Power Transmission Lines
Building Footprints
VT E911 Alpine Ski Lifts

Infrastructure - Electric
Infrastructure - Electric
Structures

VGCI
HIFLD
VGCI
VGCI/VHB?

VEC Service Area
National
Statewide
Statewide

Digitized from
ortho or acquired
from resort