



TRANSPORTATION

Atlas



A visual guide to
Herikimer & Oneida Counties
in 2025



HOCTC

HERKIMER-ONEIDA COUNTIES
TRANSPORTATION COUNCIL



Anthony J. Picente, Jr.
County Executive



Peter J. Campione
Chairman of the Legislature

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Acknowledgments

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Foreword

The Transportation Atlas is a visual representation of HOCTC's Long Range Transportation Plan (LRTP) 2025-2045 *Going Places 2045*. The purpose of this document is to be a user-friendly resource for the public, highlighting Herkimer and Oneida County's history, existing conditions, and future path. This Atlas becomes the living document of *Going Places 2045* and is planned to be updated following the adoption of each subsequent LRTP, which is updated on a 5-year cycle. The Atlas was in development in 2025 and published in 2026.

The Atlas provides a data-driven "snapshot" that complements HOCTC's planning efforts and those of our regional planning partners. This document contains the most recent and available baseline transportation and land use data for Herkimer and Oneida Counties. In general, this Atlas highlights data attributes that will be important to all of HOCTC's planning efforts, including the LRTP, the Unified Planning Work Program (UPWP), and the Transportation Improvement Program (TIP). In doing so, this document provides a valuable and unique perspective on our region's transportation landscape. Supplemented by land use, population, employment, housing, and commuting data, the Atlas succinctly depicts information about our roadways, transit service, bicycle network, pedestrian facilities, and freight movements. The Atlas also highlights transportation's relationship to our natural amenities, economic development, and emerging technologies.

The Atlas is to become a tool that vividly captures the two counties' current planning and programming efforts, recognizing their historical evolution while shedding light on their vision for the future. It propels us to achieve our mission: to collaboratively plan, prioritize, and support the development of inclusive transportation options within the two-county area that support all who live, work, play, and visit. It will also help our partners effectively understand the historic development of the system and empower them to be a part of the collaborative decision-making process, ensuring progress in our transportation system that is safe, resilient, and accessible.





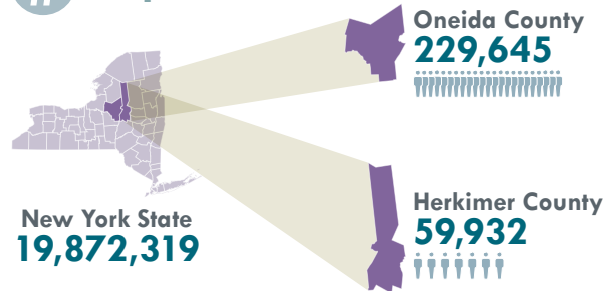
Our **Region**



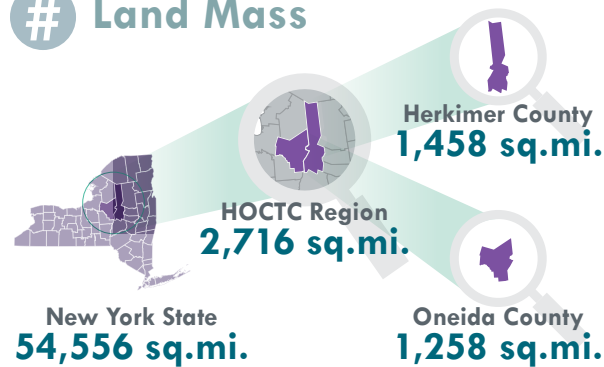
Regional Overview

BY THE NUMBERS

Population



Land Mass



THE MOHAWK VALLEY

The urban areas within Herkimer and Oneida Counties and the surrounding rural areas are situated between Syracuse (approximately 50 mi. to the west) and Albany (approximately 80 mi. to the east). The two counties are nearly the same physical size; however, Oneida County has nearly four times the population of Herkimer County. The region surrounding the Mohawk River is predominantly rural, with vast tracts of farmland, wilderness, and other protected conservation areas.

Historically, the Mohawk Valley served as a vital transportation corridor accommodating Native American footpaths, the Erie Canal, the New York Central Railroad, and early highways.

Since its completion in 1825, the Erie Canal has stimulated considerable trade and settlement in the Herkimer and Oneida Counties. The cities of Rome, Utica, and Little Falls and the villages of Whitesboro, Herkimer, and Ilion are all built upon the banks of the Mohawk and the towpaths of the Erie Canal.

Did You Know?



Interstate 90, the longest interstate in the U.S. at over 3,000 miles, stretches from Seattle to Boston and passes through Oneida and Herkimer counties.

EVOLUTION OF REGIONAL TRANSPORTATION

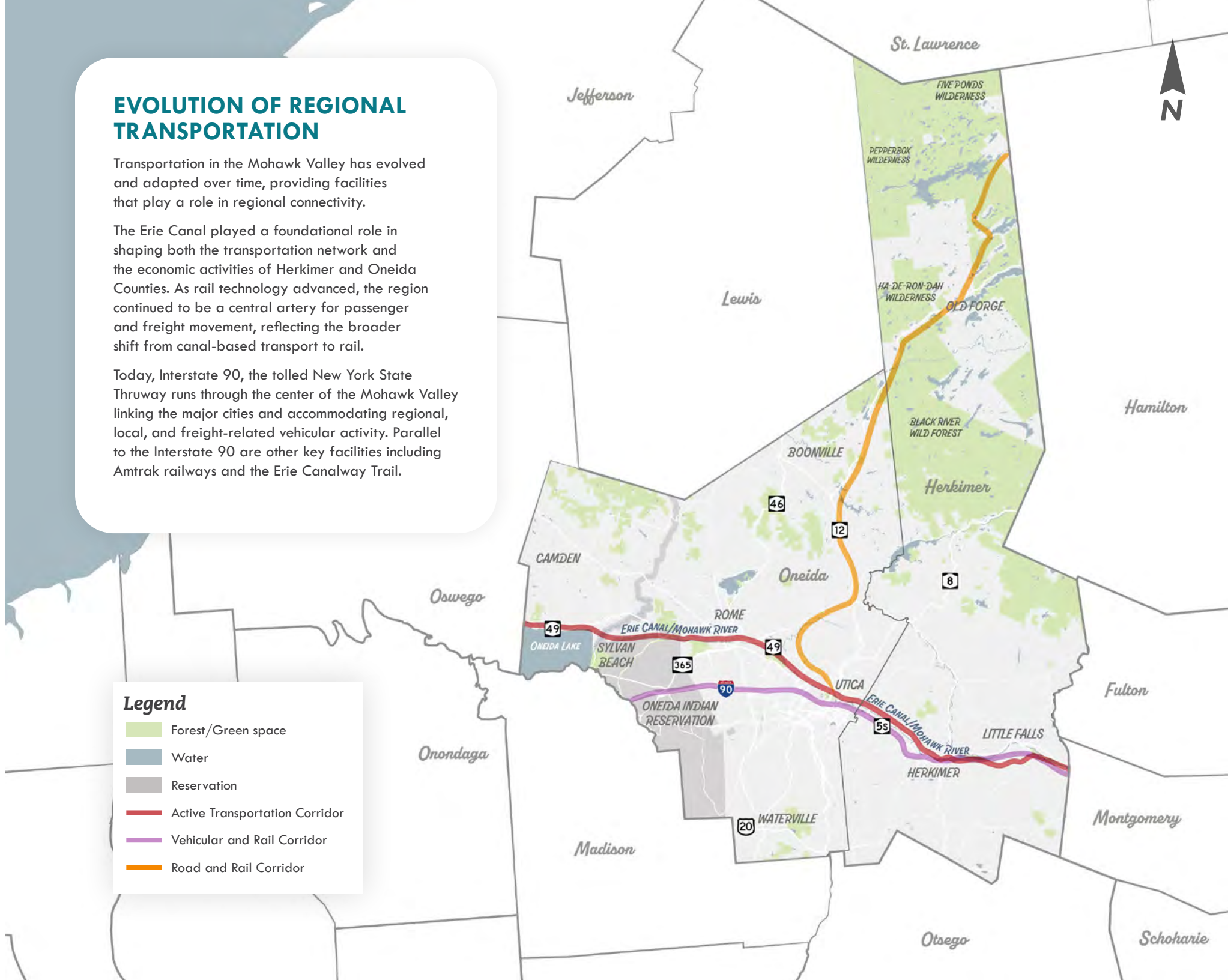
Transportation in the Mohawk Valley has evolved and adapted over time, providing facilities that play a role in regional connectivity.

The Erie Canal played a foundational role in shaping both the transportation network and the economic activities of Herkimer and Oneida Counties. As rail technology advanced, the region continued to be a central artery for passenger and freight movement, reflecting the broader shift from canal-based transport to rail.

Today, Interstate 90, the tolled New York State Thruway runs through the center of the Mohawk Valley linking the major cities and accommodating regional, local, and freight-related vehicular activity. Parallel to the Interstate 90 are other key facilities including Amtrak railways and the Erie Canalway Trail.

Legend

- Forest/Green space
- Water
- Reservation
- Active Transportation Corridor
- Vehicular and Rail Corridor
- Road and Rail Corridor



The Metropolitan Planning Organization



The Herkimer-Oneida Counties Transportation Council (HOCTC) is the Metropolitan Planning Organization (MPO) responsible for transportation planning in the two-county region.

HOCTC engages in planning processes guided by the “Three Cs” (Continuing, Cooperative, and Comprehensive), as outlined in the enabling federal law. HOCTC serves the region through a broad set of transportation planning activities, including maintenance of its five core documents; decision-making, oversight, and coordination through its three primary committees; and disbursement of federal funds. HOCTC goes beyond baseline federal requirements by interacting with stakeholders in various ways, both formal and informal, as well as routinely engaging with the wider public in Herkimer and Oneida Counties.

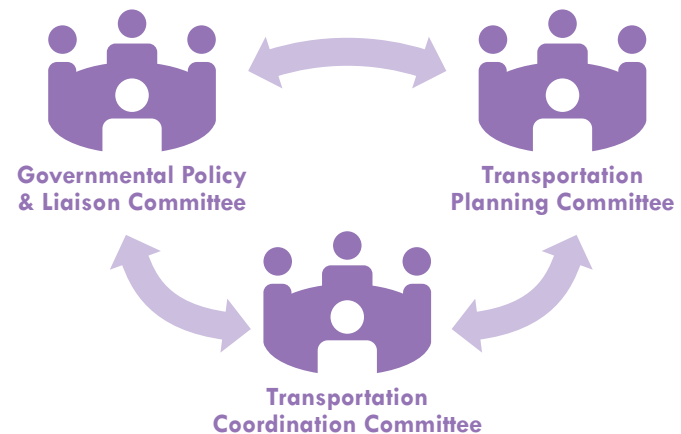
THE “THREE Cs”



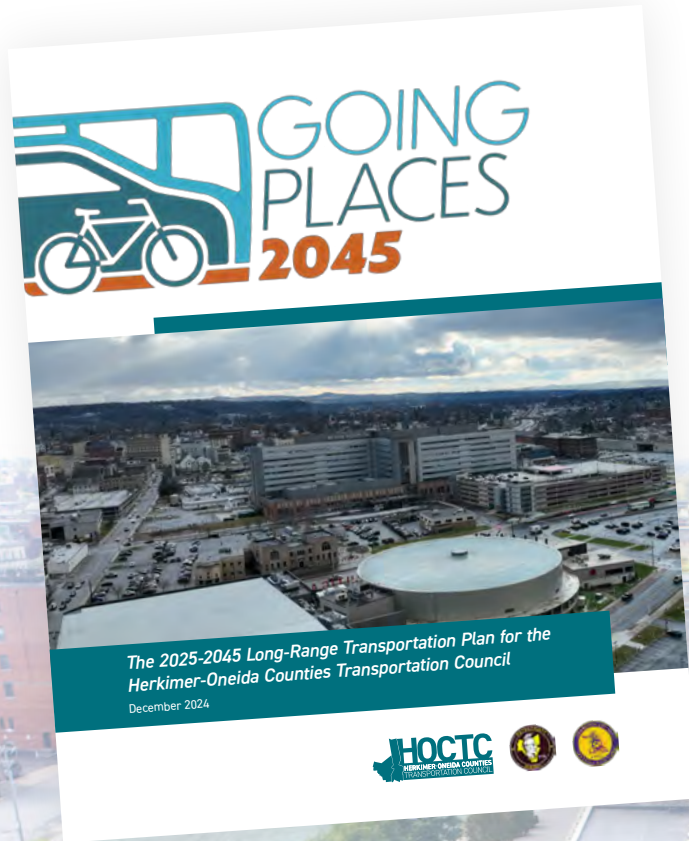
HOCTC CORE PRODUCTS



HOCTC COMMITTEE STRUCTURE



GOING PLACES 2045



Going Places 2045 is HOCTC's Long-Range Transportation Plan (LRTP). It lays out a fresh vision for the region's transportation assets and services for the next 20 years, with a horizon year of 2045.

Going Places 2045 outlines a series of near-term studies to be undertaken addressing emerging issues in the HOCTC region. Key mid- and long-term strategies aim to transform the region, with the following goals in mind.



Complete projects that address safety for all roadway users, particularly in coordination with maintenance and resiliency projects.



Expand the region's alternative transportation network to improve connections for residents and visitors, and support land use and economic development goals.



Incorporate emerging transportation technology from a systemwide standpoint and make progress towards a more efficient, environmentally friendly, and sustainable transportation network.



Expand and improve upon existing transit services, particularly for those populations that depend most on transit.

Herkimer County

HERKIMER COUNTY is an area rich with historical heritage. Southern Herkimer County, in the Mohawk Valley, is the home to a number of area attractions including activities along the Erie Canal, historic sites, shopping, restaurants, hiking, biking, and rock climbing. Northern Herkimer County contains the Adirondack Park, with mountains, forests, and waterways offering a variety of outdoor activities year-round.

Did You Know?

Herkimer County's forests are so vast (and beautiful!) that in some cases you can't get from one place to another without leaving the county!



HERKIMER COUNTY, HOME OF...



Adirondack Park



Enchanted Forest Water Safari
(#4 in the nation)



Over 750 miles of groomed
snowmobile trails



World-class trout fishing
along West Canada Creek



Herkimer Diamond Mines and
the Herkimer Diamond



Gems Along the Mohawk (gift
shop with local products)



The largest lift lock
on the Erie Canal



9 Golf Courses



The Adirondack
Canoe Classic



McCauley Mountain
Ski Center



Old Forge & Fulton
Chain of Lakes



Hinckley Reservoir
Day Use Area



Yale-Cady Octagon House
and Yale Lock Factory Site



Beardslee
Castle



Herkimer Home
State Historic Site

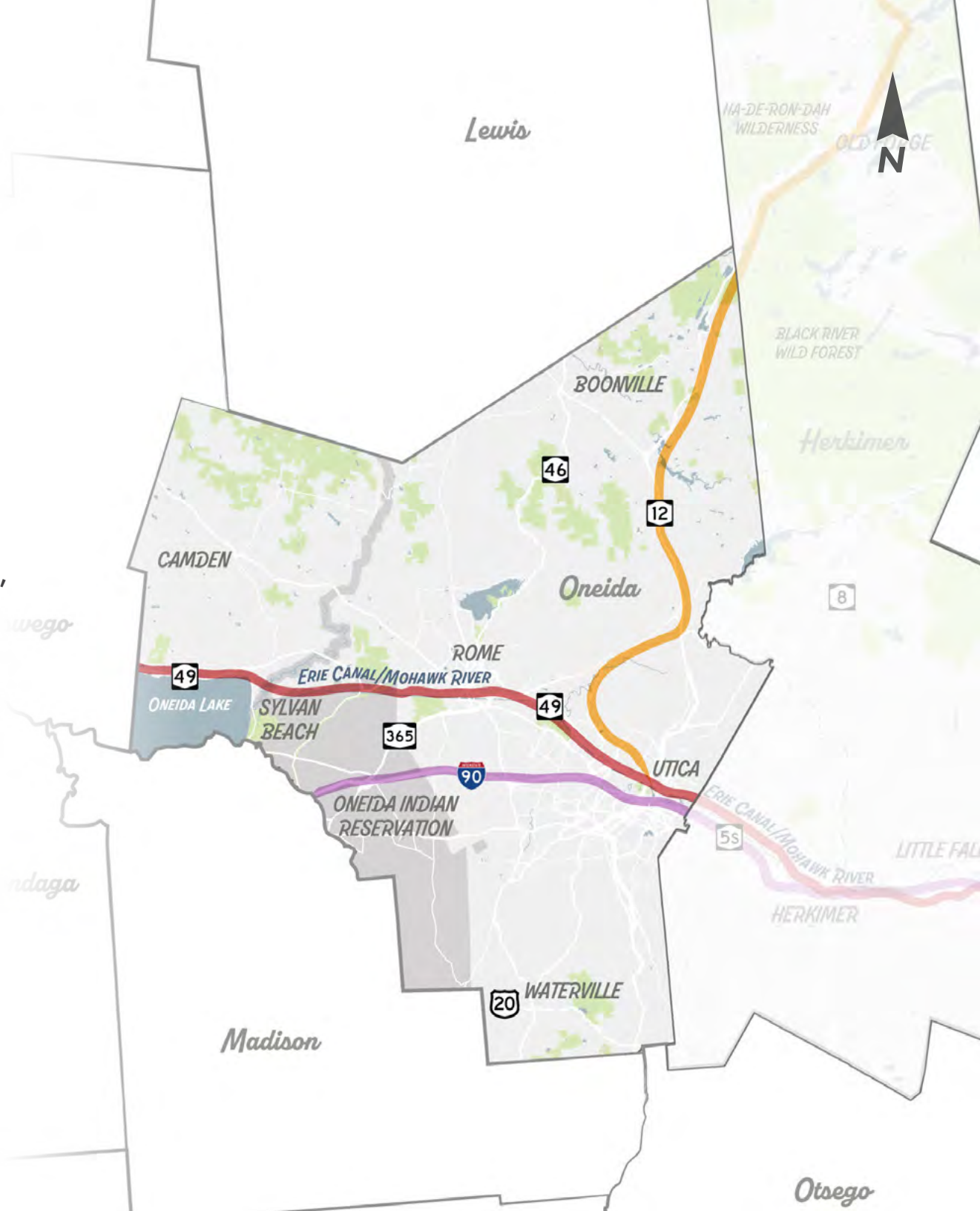


Oneida County

ONEIDA COUNTY is home to the majority of people in our region, with Utica and Rome making up nearly one-third of the total population of Herkimer and Oneida Counties combined. Historically, Oneida County has been an important center of transportation, first via the waterways that flow along the Mohawk River, and then through the Erie Canal, which originally began construction in Rome and connects Lake Erie and the Hudson River.

Did You Know?

Oneida County is home to the historical Black River Canal which was the longest surviving of the Erie Canal's feeder canal system. As of 2003, the Black River Canal Warehouse is a National Historic site and is now incorporated as an exhibit in the Boonville Black River Canal Museum.



ONEIDA COUNTY, HOME OF...



Water Resources & Natural Environment

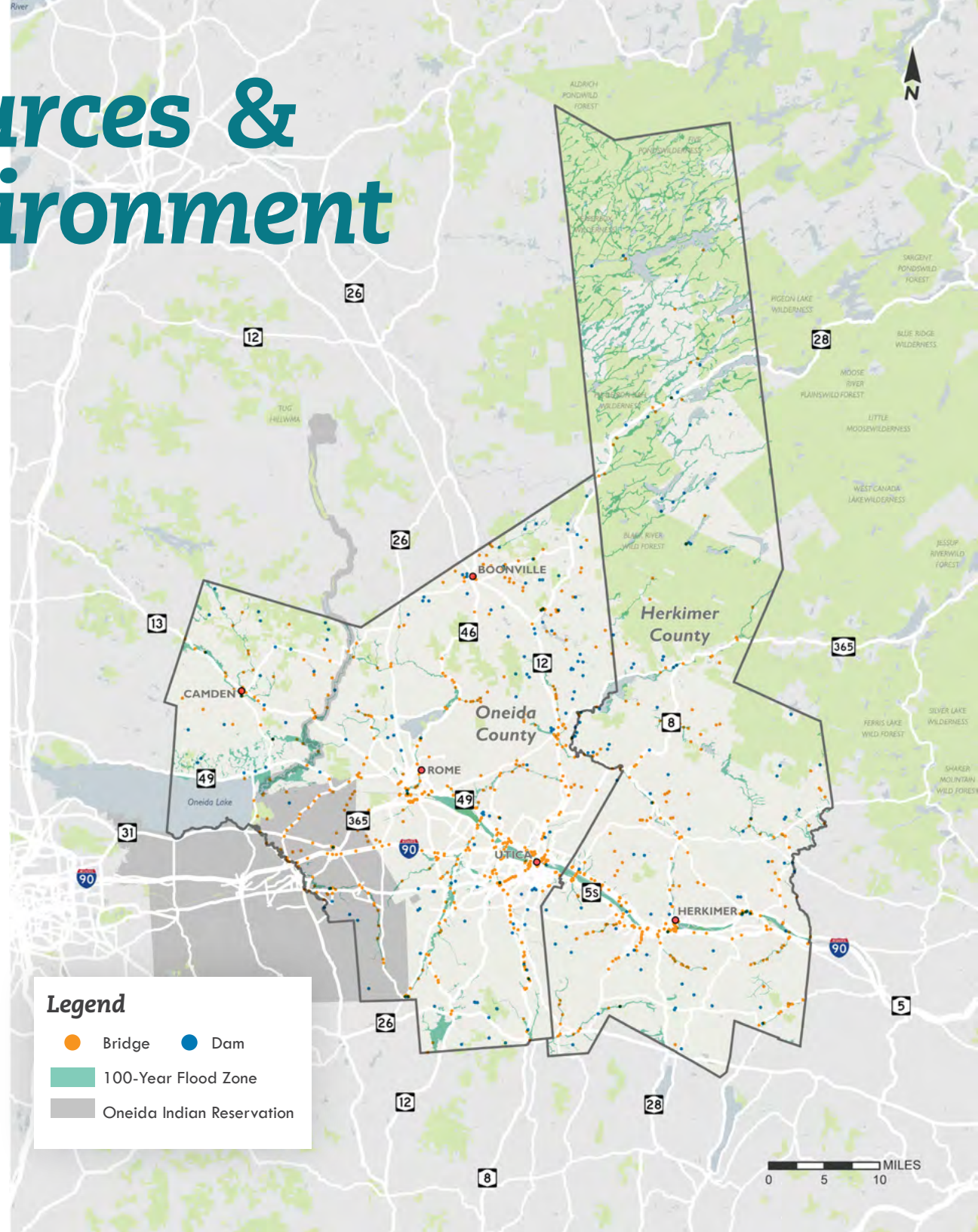
Our region's water resources and natural features influence our transportation network and built environment.

As part of the complex relationship, local waterways and ecosystems produce opportunities and limitations for infrastructure. The natural environment can also create destinations and sometimes barriers for travelers.

Did You Know?



There are four primary watersheds and three sub-watersheds that feed into approximately 600 bodies of water in Herkimer and Oneida Counties. Oneida Lake, home to Sylvan Beach and Verona Beach State Park and the largest lake that is entirely in New York State, is known as a hub for ice fishing and has a significant walleye population.



NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WILDLIFE MANAGEMENT AREAS

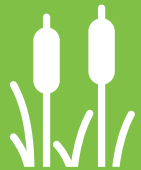


ROME (ONEIDA COUNTY)

Vast area of forested wetland adjacent to the 1913 Barge Canal corridor, which is important to water quality and flood control for the City of Rome.

ORISKANY FLATS (ONEIDA COUNTY)

806-acre parcel of public land in the Mohawk River flood plain, of which about 15% is considered wetland habitat.



UTICA MARSH (ONEIDA COUNTY)

Unique 213-acre urban wetland with an observation tower, a wildlife viewing site, and several hiking trails.

PLANTATION ISLAND (HERKIMER COUNTY)

200 acres of Mohawk River floodplain in the Town of German Flatts that was historically used for agriculture and canal maintenance.





HISTORIC NEW YORK THIS IS MOHAWK COUNTRY

The majestic Mohawk Valley has been the scene of many key events which have helped to shape the character and destiny of New York State and the nation. This was once the home of the proud Mohawks, one of the main tribes of the powerful six-nation Iroquois Confederacy. As the main gateway between the Adirondack Mountains and the Allegheny Plateau, the valley came to be used by French-Catholic missionaries, land-hungry settlers moving west, foreign travellers, French and Indian raiders, British tory, and American troops. During the French and Indian War, and the American Revolution, it was a vital center of action -- the main highway for east-west communication and a major point of contact between the contending armies.

The Erie Canal and New York Central Railroad followed the valley route and gave a new direction to its history. Internal improvements led to intensive settlement and industrial growth. While the valley has changed in many ways over the years, it still retains one element of the past -- its incomparable beauty.

EDUCATION DEPARTMENT

STATE OF NEW YORK 1967

DEPARTMENT OF TRANSPORTATION



Our People

People

Population centers in Herkimer and Oneida counties are generally located along the Mohawk River and Erie Canal. Populations in both counties peaked in the 1970 decennial census at nearly 341,000 and have since decreased to approximately 289,500 based on 2023 American Community Survey data.

Poverty in both counties is decreasing, while personal vehicle access is increasing.

Utica has participated in the U.S. Refugee Resettlement Program for nearly 45 years, resettling nearly 18,000 refugees from 36 nations. Refugees in Utica have been instrumental in revitalizing the area through starting new businesses and purchasing and renovating homes; more broadly contributing to the social and economic development of the area.

WHO WE ARE

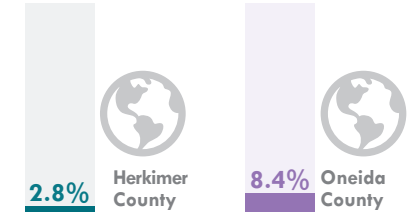
Working Adults



Living in Poverty



Foreign-Born

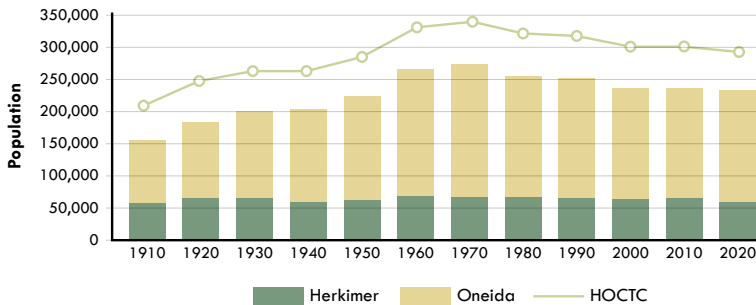


COMMON LANGUAGES

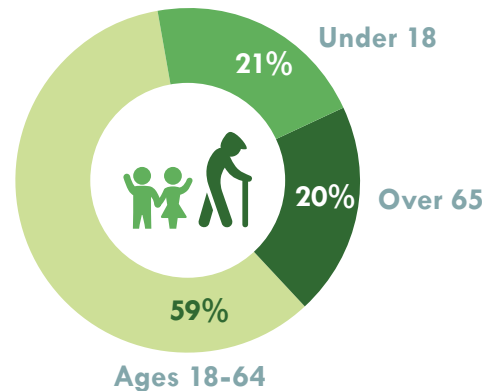
Among residents with Limited English Proficiency



POPULATION CHANGES



HOW OLD ARE WE?

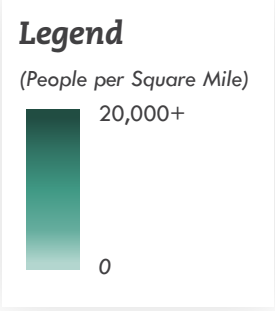
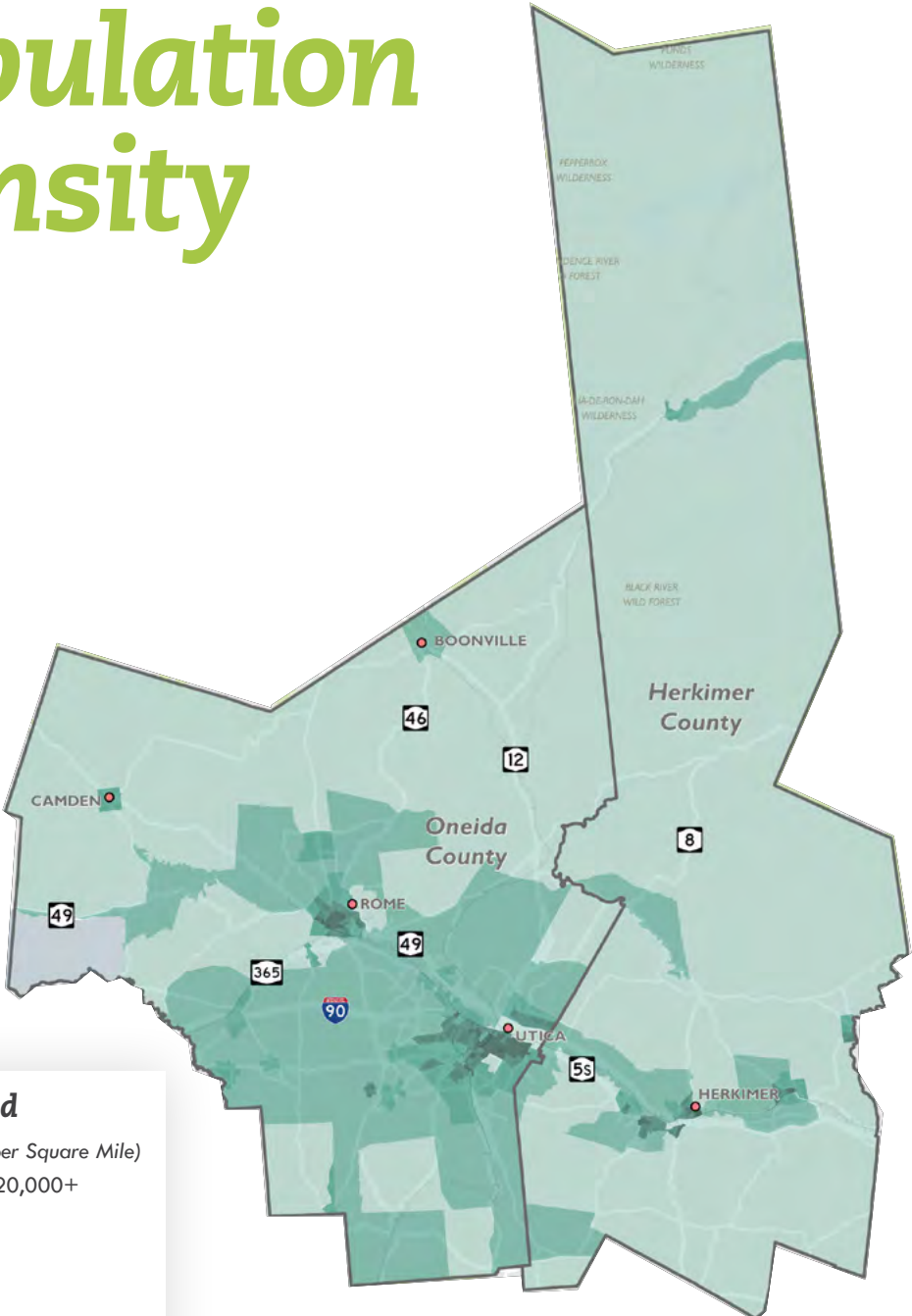


Median Age

Herkimer County 44.6
Oneida County 40.8

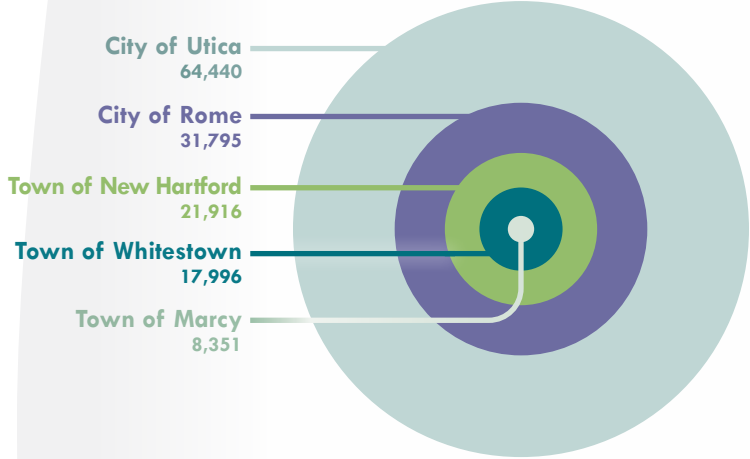


Population Density

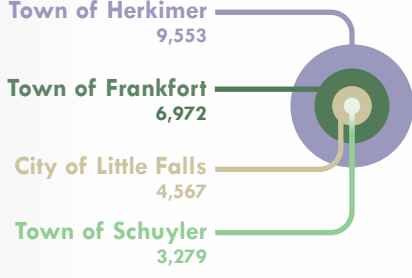


TOTAL COUNTY POPULATION

Oneida County
229,645



Herkimer County
59,932



Community Facilities

Community facilities such as hospitals, schools, libraries, and recreational centers provide critical services for residents throughout the region. These places are frequently origins and destinations for populations in need of transportation assistance.

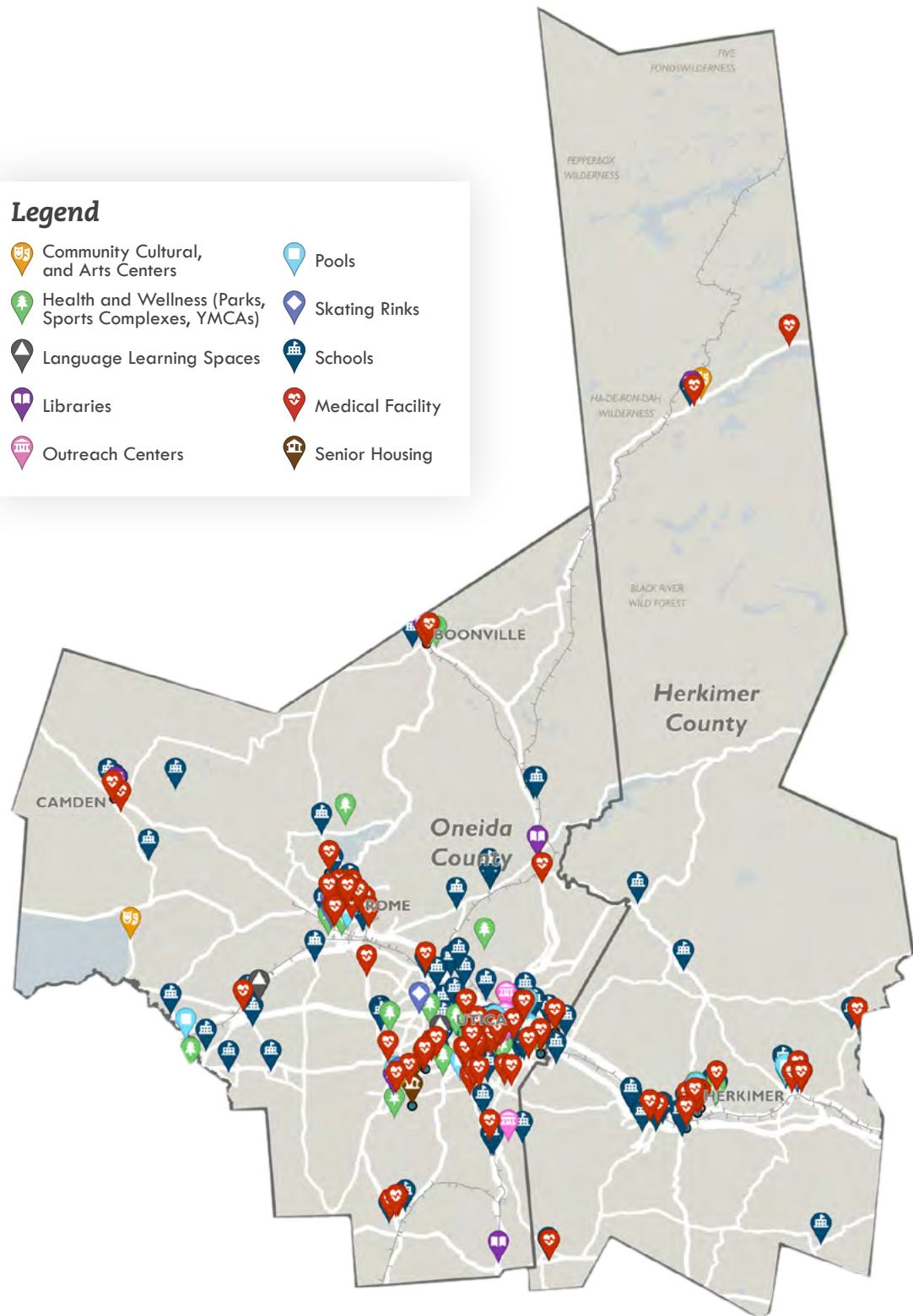
Did You Know?



Mohawk Valley Health System is the primary care provider in Oneida and Herkimer counties. It operates with approximately 3,300 full-time employees and 16 locations, while maintaining a budget of \$648 million.

Legend

| | |
|--|------------------|
| Community Cultural, and Arts Centers | Pools |
| Health and Wellness (Parks, Sports Complexes, YMCAs) | Skating Rinks |
| Language Learning Spaces | Schools |
| Libraries | Medical Facility |
| Outreach Centers | Senior Housing |



The background features a detailed line-art illustration of a community. At the top, a river flows through a landscape with several houses, trees, and a small boat. In the middle, a larger sailboat is on the water. Below the water, a road winds through a residential area with various houses, trees, and a car. The overall style is clean and modern, using simple lines to represent buildings, nature, and infrastructure.

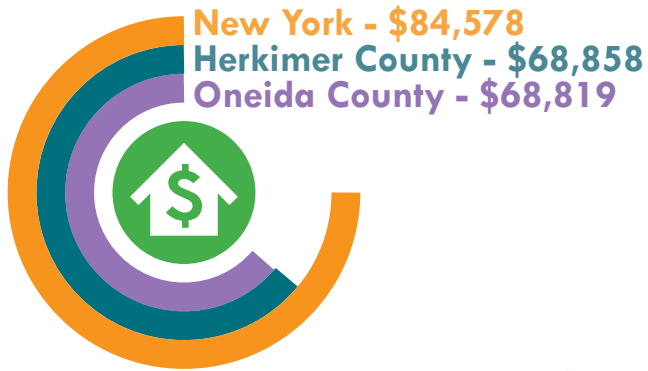
Our Economy



Economy

Our transportation network supports a wide variety of production and service industries across Herkimer and Oneida counties. Our infrastructure brings raw materials and farm products to markets, accommodates tourism, provides access to healthcare and education, and allows commuters to reach centers of employment.

MEDIAN HOUSEHOLD INCOME



TOTAL EMPLOYERS



TECHNOLOGY BOOM

There is a growing presence of Technology and Advanced Manufacturing business, with continued development at Griffiss Tech Park. Recent expansions include SkyDome and the Innovare Advancement Center. Additionally, some areas previously dedicated to agriculture are shifting or expanding to take advantage of emerging industries such as solar energy and warehousing needs.



MAJOR EMPLOYERS



Major Economic Development Projects

Our varied and continually evolving transportation infrastructure has attracted new investment and allowed existing businesses to expand locally, particularly in the technology and advanced manufacturing sectors. Understanding where new jobs, commerce, and freight activity are located allows for strategic planning of future improvements to our transportation network.



CHOBANI MANUFACTURING FACILITY

Chobani will break ground on a 1.4 million square foot dairy processing plant located on the Triangle property at the Griffiss Business and Technology Park in Rome. The \$1.2 billion investment will produce more than one billion pounds of dairy products annually and create over 1,000 jobs in the area, nearly doubling the size of its NY Chobani workforce. The plant will feature 28 production lines and is expected to purchase an estimated 6 billion pounds of raw milk from local dairy farms once it reaches full capacity.



TURNING STONE RESORT CASINO

The Oneida Indian Nation is investing \$370 million into the Turning Stone Resort Casino. The transformation includes a new 77,000 square foot conference center, outdoor event spaces, a hotel, a new restaurant, an on-site medical center, additional garage parking and more.



GRIFFISS BUSINESS AND TECHNOLOGY PARK

Recent developments include the Innovare Advancement Center, a 150,000 square foot innovation hub that brings together those in academia, scientific researchers, and the Department of Defense to collaborate on innovative advanced technology, and SkyDome, the country's largest indoor Anechoic Chambered unmanned Aerial Vehicle experimentation facility.



MURNANE FIELD AT DONOVAN STADIUM

This \$3 million upgrade to Oneida County's Murnane Field at Donovan Stadium, which serves as the home baseball venue for the Utica Blue Sox, Mohawk Valley Community College, Thomas R. Procter High School and Utica Post 229, includes a new state-of-the-art synthetic turf field, LED lighting, fencing, safety netting, bullpen, and batting cages.



ST. LUKE'S HOSPITAL AND ST. ELIZABETH'S HOSPITALS

The two hospitals, which shut down in late 2023, are in the planning and visioning stages for future reuse developments. Public participation has been an important part of the process, such that the projects reflect the needs of residents, businesses, and organizations. For both hospital campuses, suggestions have included housing options, retail expansion, recreational facilities, and for the St. Lukes campus, enhanced healthcare facilities.



CENTRAL NEW YORK LOGISTICS CENTER

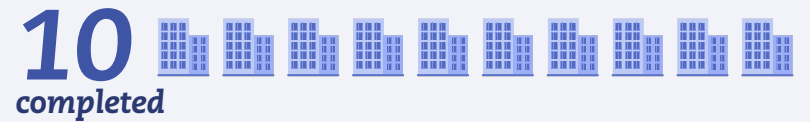
The 1,000,000 square foot Central New York Logistics Center is the largest approved and shovel ready industrial development site in New York. The site is strategically located in Frankfort, NY with direct access to I-90, and proximate to many manufacturing and distribution facilities.

Development by the Numbers

Residential Projects



Commercial Projects







Our Transportation

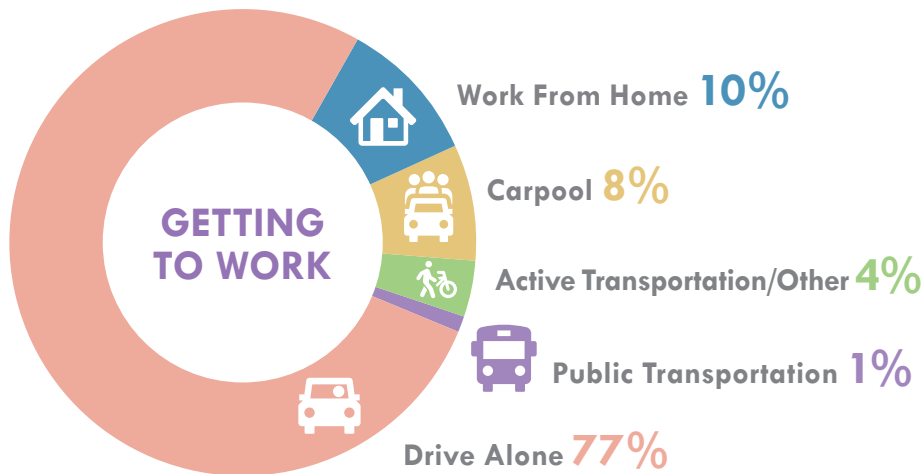


Transportation

Transportation in Herkimer and Oneida counties was historically based around the Mohawk River. Technological advancements eventually brought the Erie Canal, railroads, and the interstate highway system along the same corridor.

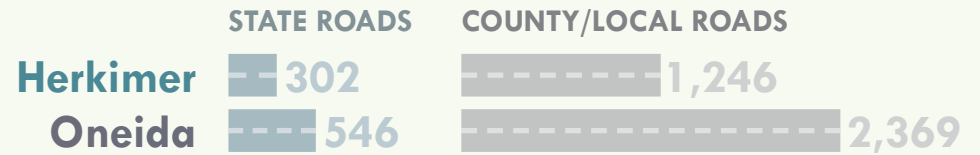
Today, personal automobiles are the primary mode of transportation in the region. Public transit, rail, and active transportation facilities also enable residents to reach their destinations.

The region's extensive road and rail network facilitate freight movement and support a variety of economic activity.



INFRASTRUCTURE OVERVIEW

Miles of Roadway



Bridges

805

bridges over 20 feet in length

Since 2018, 19 bridge projects in the region have been funded through BridgeNY (11 in Oneida County and 8 in Herkimer County).

AVERAGE TRAVEL TIME TO WORK (2018-2023)



Oneida



Herkimer

Bridges Spotlight



NORTH GENESEE STREET GATEWAY BRIDGE

The North Genesee Street Gateway Bridge and Multi-Modal Connector Project will replace two bridges with an additional lane, add a 10-foot multi-use trail, and improve access management to enhance safety. The bridges carry North Genesee Street over the Mohawk River, Harbor Lock Road, and the Erie Canal in the City of Utica. This project will also rehabilitate North Genesee Street from Wurz Avenue to I-790.



SAUQUOIT CREEK BRIDGE REPLACEMENTS

The Route 69 and Main Street over Sauquoit Creek Bridge Replacements in Oneida County are intended to reduce flooding impacts. The objectives will be to improve bridge hydraulic openings, right-size and stabilize the creek channel, provide at least a 75-year bridge life span, and improve pedestrian and bicyclist safety and connectivity.



EAST CANADA CREEK BRIDGE

NYS Route 29 over East Canada Creek bridge replacement project in Herkimer and Fulton Counties will include a new alignment with intersection improvements. The bridge was built in 1932 and faces hydraulic challenges with substandard shoulders and a higher than average crash rate. The new bridge will add a 10-foot multi-use trail and 5-foot sidewalk.



Roads & Traffic

Traffic in Herkimer and Oneida Counties is concentrated in urban areas and along the I-90 Thruway. NYS Routes 5, 8, 12, 49, and 365 also facilitate significant freight movement in addition to passenger travel.

Horse-Powered Cart-ography

There continues to be a growing presence of horse-drawn carriages on roadways in the area.



Roundabouts: Circular Logic

Roundabouts are given priority in New York State when evaluating potential intersection improvements. Oneida County currently has 7 roundabouts, with an 8th being added to Route 825 and Perimeter Road to accommodate additional traffic going to and from the new Chobani plant.

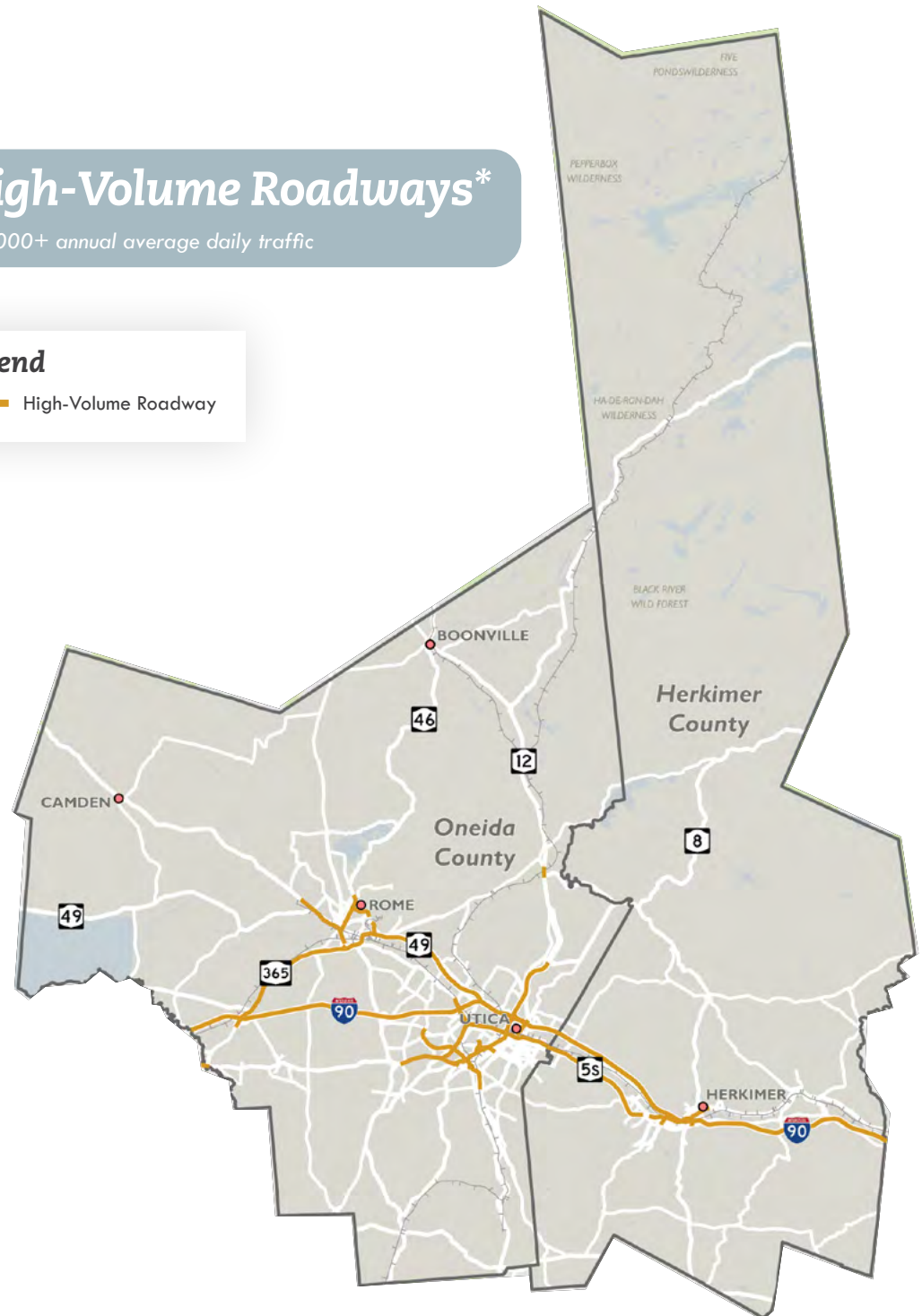


High-Volume Roadways*

*10,000+ annual average daily traffic

Legend

 High-Volume Roadway



Regional Transportation

Buses are the primary form of public transit in the region. Centro bus hubs in Utica and Rome facilitate local and regional passenger travel. Utica’s Boehlert Transportation Center serves as a hub for intercity and long-distance transportation services, which connect people to points outside the HOCTC region. These services include Amtrak’s Lakeshore Limited route, as well as the Empire Service and Maple Leaf routes (which also connect at the station in Rome). Intercity bus service is provided by Birnie Bus Services, Couch USA, Greyhound, and Trailways NY.

VEHICLES



RIDERSHIP

Number of Passengers (FY2024-2025)



PUBLIC TRANSIT SERVICE

ROME 3 fixed routes MOVE On-Demand Service

In 2024, Centro launched MOVE – an on-demand service connecting riders with other transit services using app-based technology – with a new simplified fixed route network with increased frequency in the City of Rome.

HERKIMER COUNTY

Herkimer County offers transit services for individuals aged 60 or older by appointment through the Office for the Aging. Several private transit providers such as Herkimer ARC and Valley Health Services assist individuals with disabilities and the elderly population.



Did You Know?

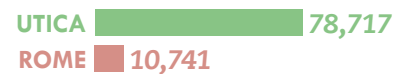
The Boehlert Transportation Center at Union Station in Utica is adorned with the same marble columns that can be found in New York City’s Grand Central Station.

UTICA 12 fixed routes Rural Service

Centro launched rural bus service in Oneida County. The service includes stops at the Utica and Rome transit hubs, Turning Stone Resort Casino, MVCC Rome, Marcy Correctional Facility, and Walmart Distribution Center.

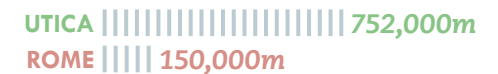
2024 ANNUAL STATION RIDERSHIP

(Source: BTS)



MILES OF FIXED ROUTE SERVICE

(FY2024-2025)



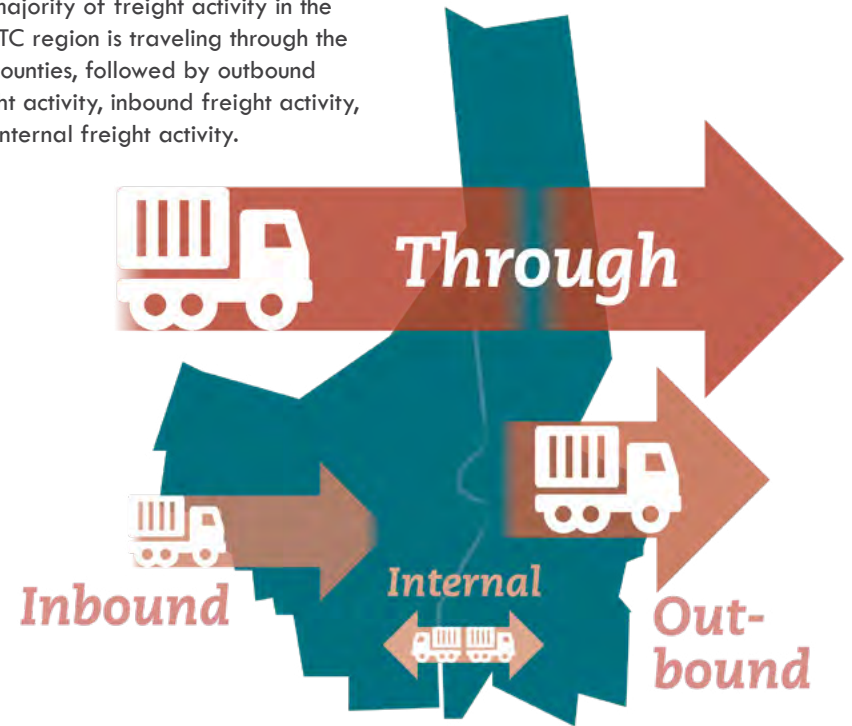
Freight

The combination of industrial heritage in cities such as Rome, Utica, and Little Falls and natural resources in outlying areas has created a strong freight rail presence in the Mohawk Valley. In recent years, there has been renewed interest in rail access for freight movement in our region. CSX freight and Amtrak passenger rail share tracks, however freight is prioritized due to CSX's ownership of the rail.

The region's ground freight network includes a number of key thoroughfares through Herkimer and Oneida Counties. The most prominent of these is I-90, also signed as the NYS Thruway. Additionally, the Mohawk Valley region is and will continue to grow as a manufacturing and warehousing hub, resulting in more local and regional freight activity.


FREIGHT THROUGHPUT


The majority of freight activity in the HOCTC region is traveling through the two counties, followed by outbound freight activity, inbound freight activity, and internal freight activity.



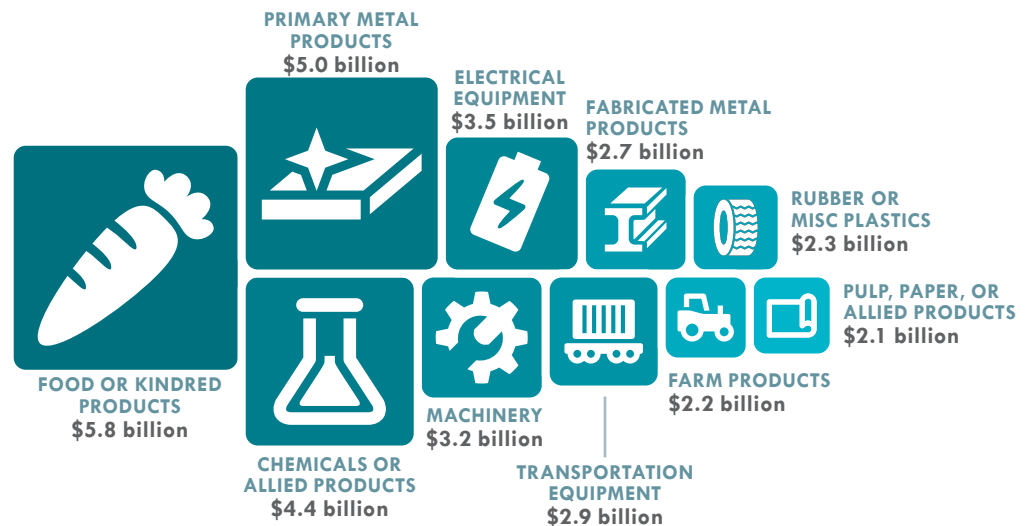
RAIL FREIGHT OPERATORS

CSX CSX

 New York, Susquehanna & Western Railway

 Mohawk, Adirondack & Northern

TOP 10 GROUND FREIGHT COMMODITIES BY VALUE



Walking and Biking

An expanding regional active transportation network provides opportunities for both recreation and commuting.

In recent years, historic transportation assets in Herkimer and Oneida Counties have been reimagined to accommodate pedestrians and cyclists. The existing connectivity of former railroad beds and canal towpaths makes them prime candidates for reuse as trails and maintains their status as catalysts of regional economic development.

THE ERIE CANALWAY TRAIL, part of New York's 750-mile Empire State Trail system, passes through both counties with campgrounds at both Locks 20 and 21, numerous parking areas, 15 boat launches, and close proximity to many of the region's population centers.

ON THE RIGHT TRACK

In 2024, HOCTC completed an update to the Bicycle and Pedestrian Trail Guide for Herkimer and Oneida Counties. This guide, coupled with its web-based application, highlights trailhead locations and key trail conditions, such as terrain, difficulty, and seasonal availability.

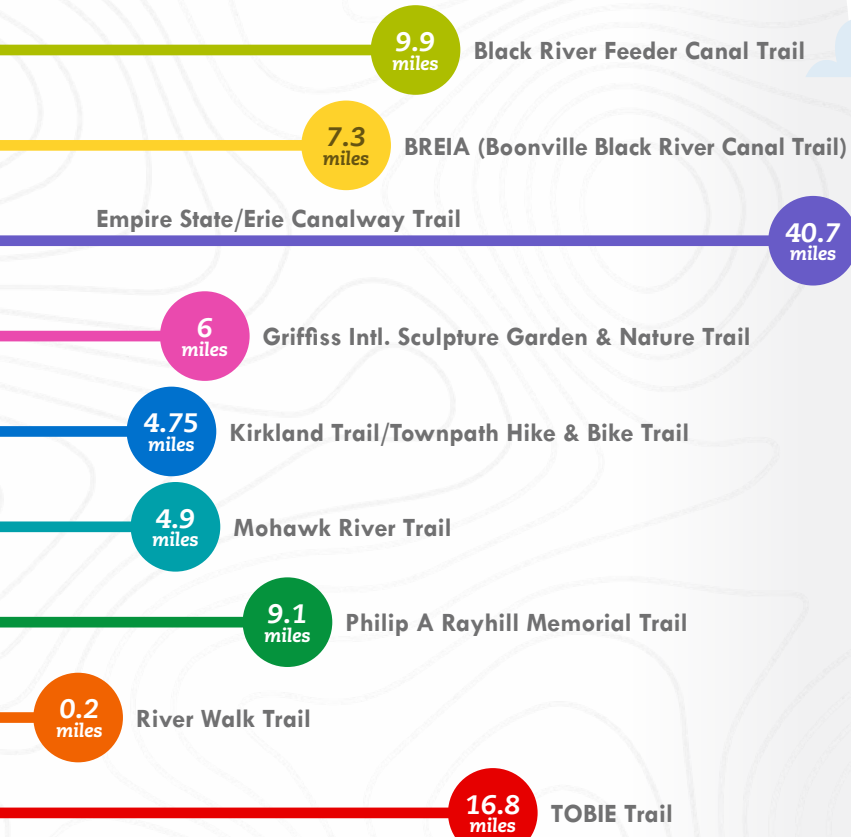


There are nearly 100 miles of multi-use trails that traverse areas with flat and gently rolling terrain within the two-county region.

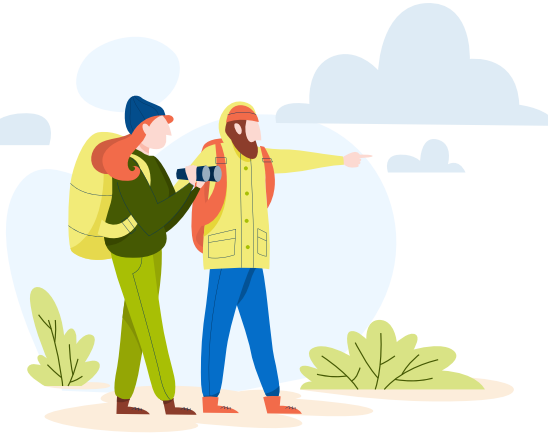


Are We There Yet?

REGIONAL TRAILS BY LENGTH



Trails



Total

99.6 miles

Did You Know?

Utica's park trails are part of a grand design by the well-renowned Olmsted Brothers, who were also responsible for designing New York City's Central Park.



Trails Spotlight



Kirkland Trail

- Plans to expand the existing trail include constructing an additional 8-mile trail to New Hartford and a 4-mile trail to Clark Mills originating in the Village of Clinton, utilizing the Chenango Canal Corridor and the adjacent abandoned O&W Railroad.
- There is current work constructing a shared-use path with 4,600 feet of additional trails, a 10' wide pedestrian bridge, and two trailheads with parking near the Village of Clinton and NYS Route 5.

Mohawk River Trail

- Begins at Bellamy Harbor Park, along the Empire State Trail and extends north to connect to the City of Rome via its waterfront.
- Future plans are to extend north 2.5 miles to Golf Course Road south of Delta Lake.

Empire State Trail Updates

- Completion of the 11-mile section connecting Frankfort to Little Falls.
- Pavement improvements to the off-road sections from Acme Road to Ilion.





Emerging Trends

Safe Streets For All



State, county, and local initiatives are transforming our built environment, with an increasing focus on safety. As a result, our streetscapes are more effectively accommodating multiple travel modes, improving environmental conditions, enhancing local business access, and promoting safe travel for residents and visitors of all ages and abilities.

SAFETY ACTION PLAN FOR ONEIDA AND HERKIMER COUNTIES



HOCTC recently adopted a regional Safety Action Plan that aims to improve roadway safety by significantly reducing or eliminating roadway fatalities and serious injuries, contributing to the counties' goal of zero traffic fatalities. The two-county Safety Action Plan, which employs the Safe System Approach, analyzes trends in crash fatalities and serious injuries to identify key patterns and contributing factors to traffic incidents, and develops a toolbox of safety countermeasures to address them.

Did You Know?



A Complete Street is a roadway planned and designed to consider the safe, convenient access and mobility of all roadway users of all ages and abilities. This includes motorists but also: pedestrians, bicyclists and public transportation riders of all types including children, the elderly and persons with disabilities.



COMPLETE STREETS

There continue to be opportunities to incorporate Complete Streets principles as roadway construction projects occur within the region. Evaluating the need for alternative transportation facilities during these projects provides the ability to better connect people and places and address safety for the most vulnerable roadway users.

15 municipalities have adopted Complete Streets Resolutions in the region

 **8 in Oneida County**

 **7 in Herkimer County**

Environmental Resiliency



HAZARD MITIGATION PLANNING

Major flooding events have become more frequent in the region. There have been high economic losses related to repetitive flooding which have destroyed homes, displaced residents, flooded businesses, and damaged infrastructure.

Oneida County Soil and Water Conservation District, the Oneida County Department of Emergency Services, and the Oneida County Department of Planning developed a Hazard Mitigation Plan in 2022. The plan addresses challenges such as severe storm events and the Covid-19 pandemic, focusing on hazard mitigation, risk assessment, and prioritization of mitigation strategies.

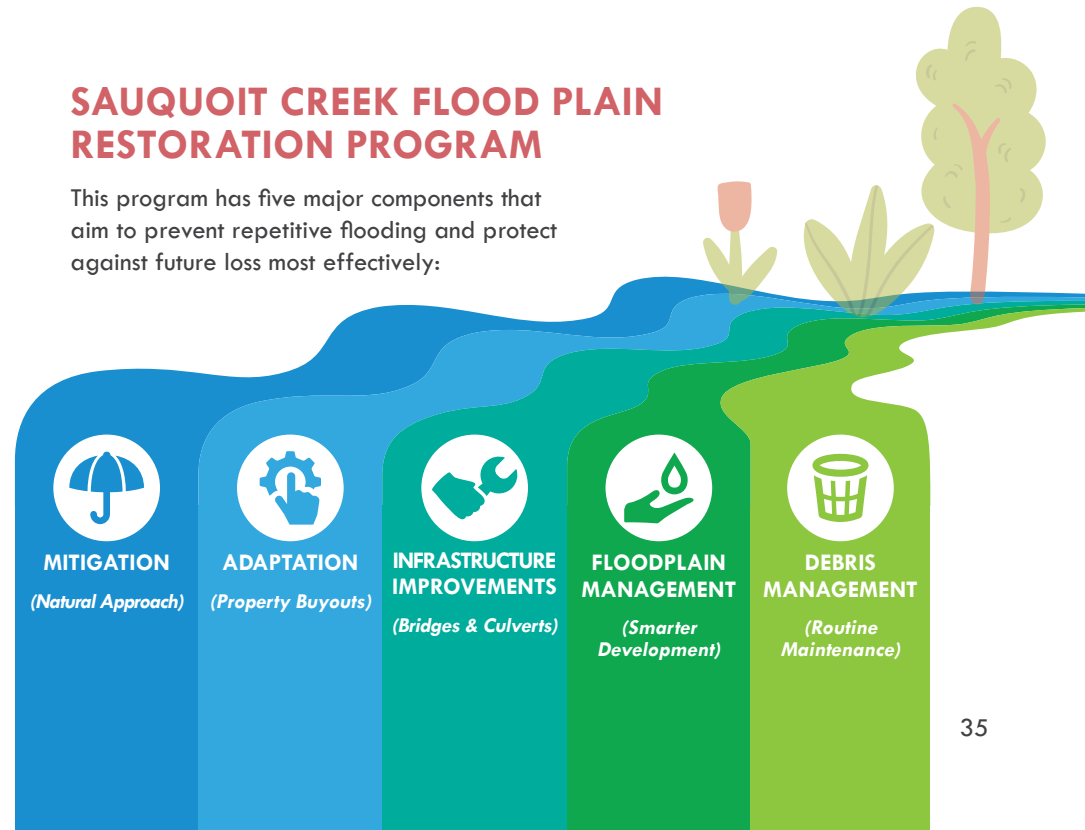


NYS CLIMATE SMART COMMUNITIES

Ten communities in Herkimer and Oneida Counties are participating in Climate Smart Communities. This New York State program helps local governments take action to reduce greenhouse gas emissions and adapt to a changing climate.

SAUQUOIT CREEK FLOOD PLAIN RESTORATION PROGRAM

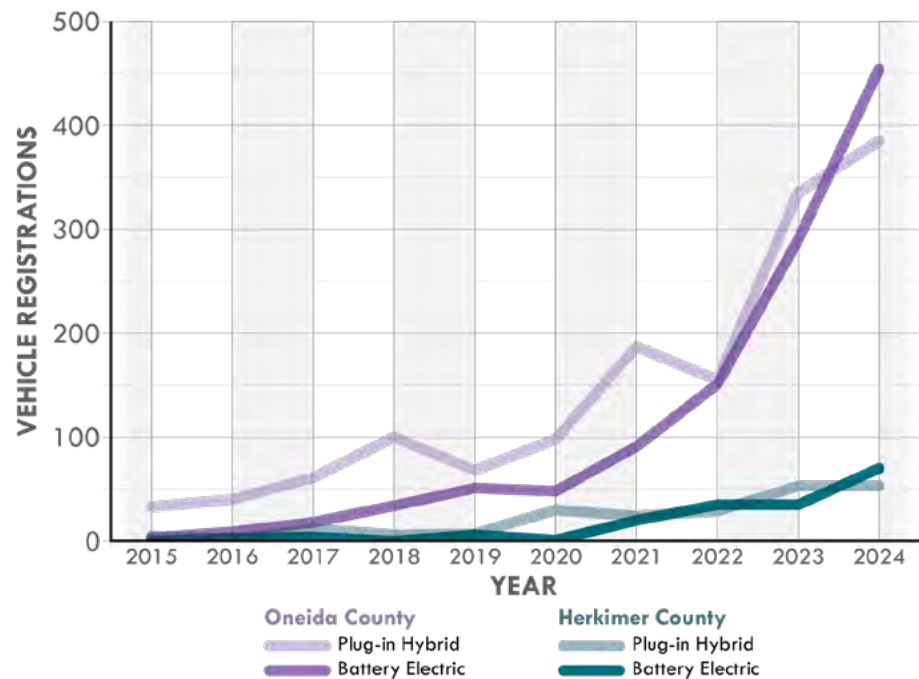
This program has five major components that aim to prevent repetitive flooding and protect against future loss most effectively:



Electric Vehicles

Increasing the adoption of vehicle electrification is one way to achieve a cleaner and more energy-efficient transportation system. Increasing use of electric vehicles is multi-faceted and requires sufficient EV charging infrastructure, shifts in consumer behaviors, and decisions by automotive manufacturers.

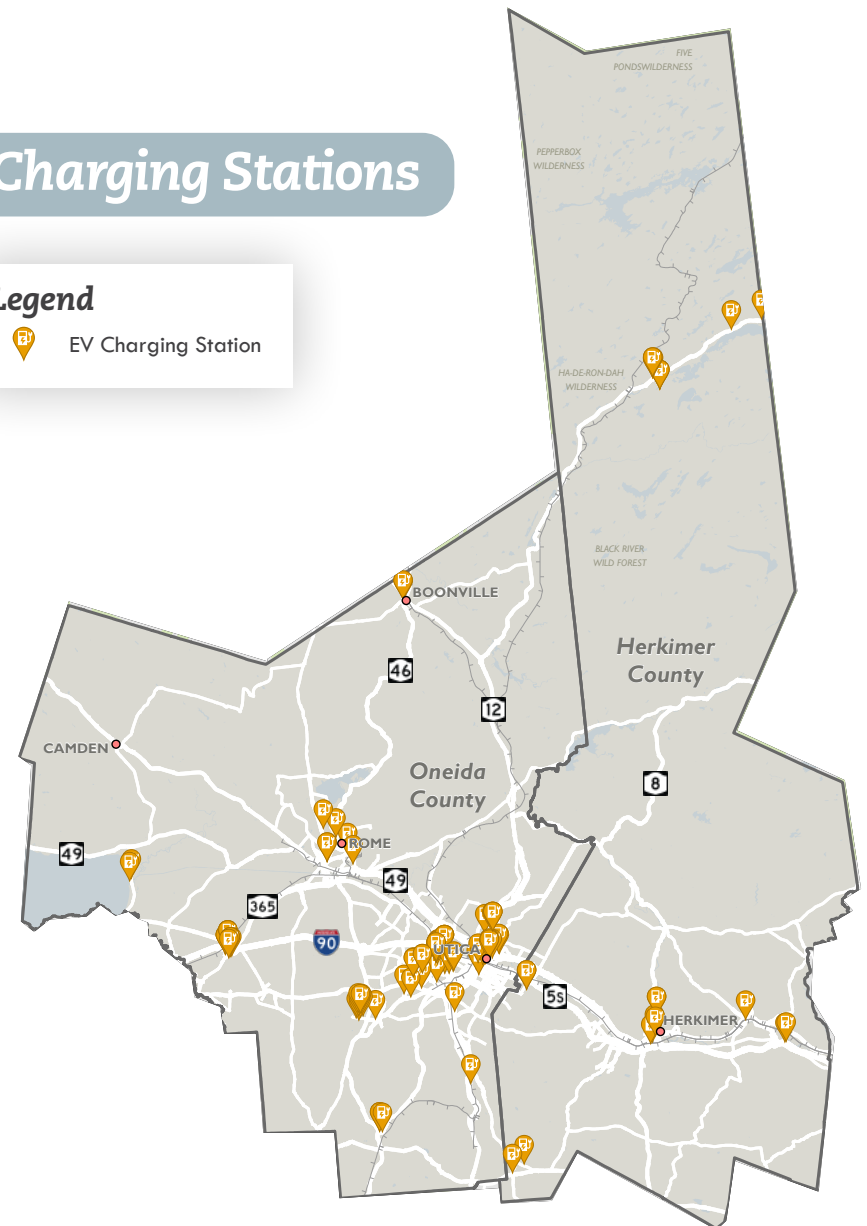
ELECTRIC VEHICLE (EV) AND PLUG-IN HYBRID ELECTRIC VEHICLE (PHEV) OWNERSHIP



Charging Stations

Legend

 EV Charging Station



Smart Infrastructure

Today's emerging transportation technologies and trends point towards tomorrow's increasingly smart, connected, and environmentally conscious mechanisms of transportation. Implementation of these advancements, which provide significant benefit to the traveling public, will require collaboration between HOCTC and the local NYSDOT office.

TRANSPORTATION SIGNAL IMPROVEMENT PROGRAMS (TSIP)



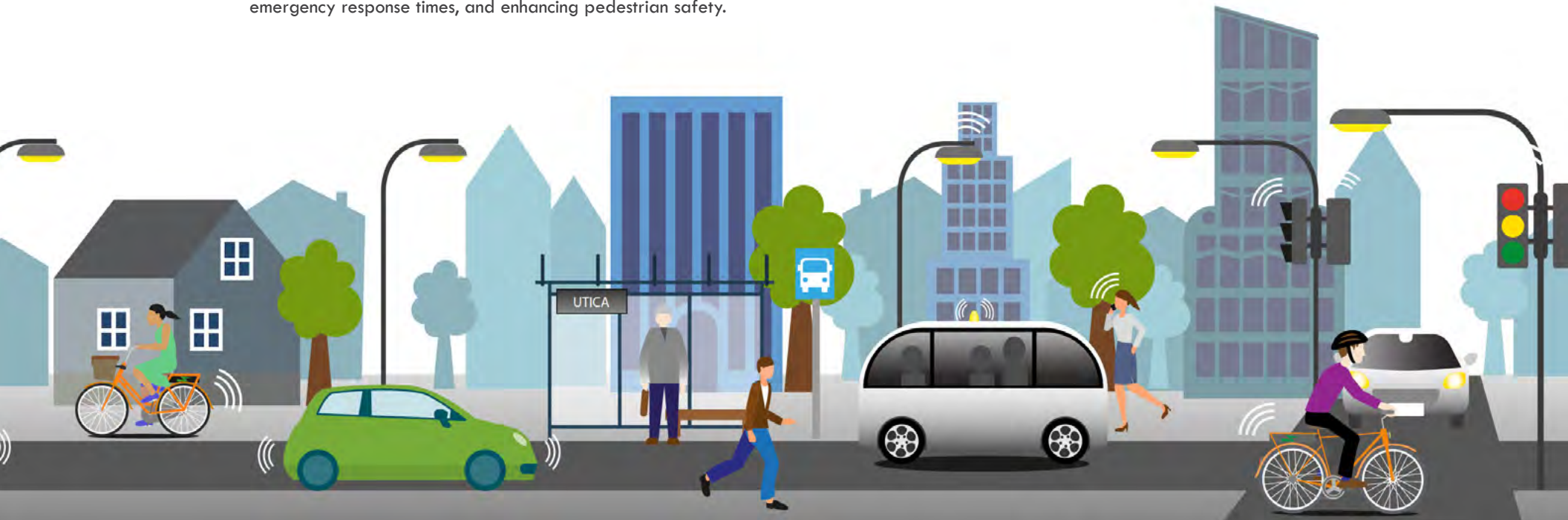
GENESEE STREET CITY OF UTICA

This pilot project will modernize 21 outdated intersections along Genesee Street and adjacent streets, incorporating fully integrated smart signal systems with vehicle and pedestrian detection, emergency vehicle preemption, pedestrian call buttons, and real-time data collection. The project aims to address safety, congestion, and emissions by improving traffic flow, reducing emergency response times, and enhancing pedestrian safety.



NYS ROUTE 5 TOWN OF HERKIMER

NYS Route 5 in the Town of Herkimer between Walmart and Lowes is a high traffic area where smart signal systems are proposed to help with both congestion and safety. With active cameras, DOT will be able to see where people are crossing NYS Route 5S and where bicycle/pedestrian infrastructure would be beneficial due to the proximity to the Empire State Trail.



Intelligent Transportation Systems (ITS) in the Mohawk Valley

CONSISTENT EQUIPMENT, COORDINATED EQUIPMENT

Many ITS and Smart Infrastructure projects have been implemented in the Mohawk Valley region to date. You may be experiencing the benefits of ITS in your daily life already! Through consistency and coordination, these systems help make travel safer and more efficient.



**Mohawk Valley
ITS & Smart
Infrastructure**



Weather Stations

Weather stations are placed throughout the region to predict weather events and provide better transportation treatments. You may notice weather stations throughout Herkimer and Oneida Counties, such as at the intersection of Genesee Street and Broad Street in Utica.



Intersection Conflict System

This technology is used for rural roads with a history of traffic crashes that signal to both roads that oncoming traffic is present. One such project is under construction in the Town of Trenton along NYS Route 365 to indicate blind intersections at Taylor Road and Prospect Depot Road.



CCTV Cameras

These cameras provide real-time monitoring of traffic, detect crashes or congestion, and enable faster response from emergency services. In the HOCTC region, CCTV cameras monitor traffic flow along I-90, I-790, NYS Route 12, NYS Route 8, and NYS Route 49.



Wrong-Way Detection

These systems detect when vehicles enter a ramp going in the wrong direction and can send messages to variable message signs to alert oncoming traffic. In the Town of Marcy, there will be a wrong-way detection system implemented on the NYS Route 49 off-ramp to River Street.



Broadband Expansion

Access to broadband internet enables individuals and communities access to information, online learning, telemedicine, and remote work, positively impacting economic growth, educational opportunities, healthcare access, and quality of life.



6
TOWNS
1,000
HOMES

Rural Broadband Connectivity

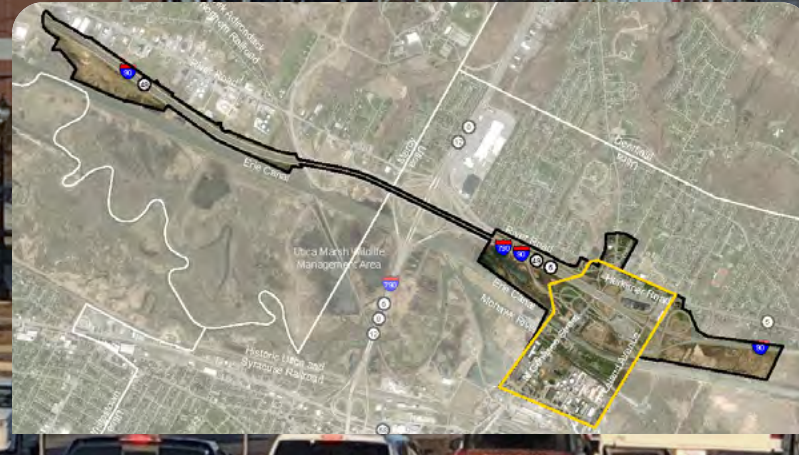
Oneida County has worked to bring high-speed fiber internet to areas without service. In 2023 and 2024, Oneida County utilized its allocation of American Rescue Plan Act (ARPA) funds, targeting high-impact areas in the Towns of Ava, Augusta, Boonville, Forestport, Remsen, and Vienna to bring broadband service to nearly 1,000 homes.

Key Planning Projects and Initiatives



CORNHILL REVITALIZATION PUBLIC REALM IMPROVEMENT PLAN

This plan was prepared to guide investments that complement two new Impact Centers in Utica's Cornhill neighborhood. The plan outlines how public space upgrades – such as parks, lighting, signage, and art – can connect residents to these community hubs, improve safety, and celebrate the neighborhood. By focusing on complete street infrastructure improvements, green spaces and multi-modal connectivity, the plan aims to boost economic opportunity, enhance quality of life, and foster connections among community members.



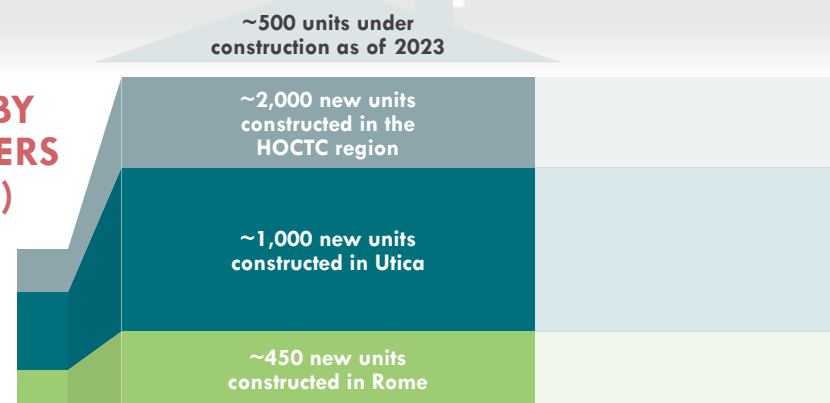
EXIT 31 PLANNING AND ENVIRONMENT LINKAGES (PEL) STUDY

Exit 31 is a major regional interchange and commercial corridor serving a unique blend of retail, commercial, light industrial, freight, entertainment, recreational, and residential use. This area serves as the gateway into North Utica, Downtown Utica, and the surrounding Mohawk Valley Region, but currently the interchange poses several challenges for safely and efficiently moving the traveling public. HOCTC, in partnership with NYSDOT Region 2, is currently undertaking a PEL study, which focuses on developing conceptual solutions that improve the roadway system connections, increase safety for all road uses, and enhance multi-modal mobility.

Housing

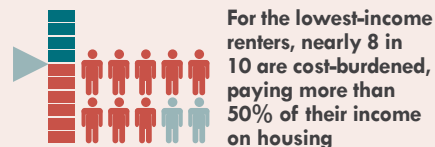
HOCTC understands the importance of coordinating transportation planning with housing to ensure that residents have access to jobs, daily needs, healthcare and recreation. The region has been expanding its housing stock over the past several years, with many additional residential developments planned or underway.

HOUSING BY THE NUMBERS (2017-2023)



ONEIDA COUNTY HOUSING MARKET ASSESSMENT

WHERE WE STAND



Some homeowners (especially seniors on fixed income) are paying more than they can reasonably afford

Thousands of households fall into the "ALICE" category (Asset Limited, Income Constrained, Employed) meaning they work but still can't cover basic needs.

WHAT CAN BE DONE

- Expand housing supply by supporting development of new affordable rental housing, starter homes, and senior housing.
- Help homeowners preserve and maintain existing homes.
- Provide financial tools that help residential access through down payment assistance, rental support, and other programs that ease housing costs.
- Align housing with economic development by building housing near jobs, transit, and essential services.
- Encourage collaboration between local governments, nonprofits, employers and developers to coordinate resources and solutions.



Changes in the Region

GROWTH AND ADAPTATION

The Mohawk Valley region continues to grow and adapt to the needs of our people and the technologies available to us. Here are just a few ways our area is growing and changing for the better.

PUBLIC TRANSIT AND ALTERNATIVES TO PERSONAL AUTOMOBILES

MPO public transit priorities center around new mobility options such as microtransit pilot programs and utilization of emerging transportation technologies to provide real-time travel information for all users.

ELECTRIC VEHICLES AND SMART CORRIDORS

Oneida County was awarded federal grant funding to install 41 publicly available level 2 electric vehicle charging stations at various locations throughout Utica, Rome, and Whitestown.

MULTI-USE TRAIL CONNECTIVITY AND RECREATIONAL ACCESS

TRANSPORTATION INFRASTRUCTURE TO SUPPORT ECONOMIC DEVELOPMENT

Oneida County Mobility Management services coordinate and improve efficiencies in transportation options that enhance the quality of life for people of all ages, abilities, and income levels and aid in increasing access to medical care, shopping, employment, and social services.

COMPLETE STREETS AND SAFETY ENHANCEMENTS FOR USERS OF ALL MODES, AGES, AND ABILITIES

HAZARD MITIGATION AND NATURAL RESOURCE PROTECTION

Oneida County is aiming to achieve Bronze Certification under New York State's Climate Smart Communities program.







HOCTC

HERKIMER-ONEIDA COUNTIES
TRANSPORTATION COUNCIL

