

Jernsalem

Township Office 9501 Jerusalem Road, Curtice, Ohio 43412 (419) 836-8921

The Jerusalem Township Comprehensive Plan: A "Living Document" upon adoption, plan reviewed "Quarterly" to help govern Jerusalem Township Goals and Initiatives.

12/22/2021 Date Trustee Signature Date 12-28-2021 Trustee Signature Date 12 -28-202 (Trustee Signature_ 1

Jerusalem Forward 2040 COMPREHENSIVE PLAN



Township Office 9501 Jerusalem Road, Curtice, Ohio 43412 (419) 836-8921

The Jerusalem Township Comprehensive Plan: A "Living Document" upon adoption to be review "Quarterly" to help govern Jerusalem Township Goals and Initiatives. Adopted by Township Trustees

 Trustee Signature
 Date

Trustee Signature
 Date

MESSAGE FROM OUR STEERING TEAM

On behalf of our Residents, the Jerusalem Township Steering Team presents this document containing ideas, plans, and insights concerning the future of Our Township. This document incorporates input from many different sources including public surveys and stakeholder interviews, Township staff, Steering Team members, market analysis studies, and census data. This planning process was not intended to result in a consensus document, but rather a collective set of recommendations for the future that will allow the Township to continue in its growth and development as a desirable family-oriented community in Eastern Lucas County.

Our Township is unique. The 2040 Comprehensive Plan is both visionary and practical. It will serve as a guide for the next twenty years by providing the planning framework for decision-making as the Township seeks to become a more vibrant and safe community. Guided by this plan, Jerusalem Township will continue to grow and evolve as a great place to live, where local businesses thrive, and residents enjoy cultural and recreational opportunities.

We are fortunate to live in a community that considers all its citizens valuable. Through the Jerusalem Forward initiative, spanning over twelve months, residents were invited to contribute their ideas and opinions, through public surveys, in person and online. In-depth research studies determined concrete facts like demographics and trends, while individual insights were added for depth and context.

To encourage in-depth participation, a diverse group of residents, representing local businesses and organizations, worked together in monthly Steering Team meetings. To obtain residents' comments and suggestions, people were engaged using social media, web sites, and on-line meetings. The information communicated through these efforts helped form the content and priorities for the plan.

We want to thank the hundreds of Jerusalem Township citizens who offered their time, ideas, and participation in Jerusalem Forward. We have come together to make Jerusalem Township the best it can be today and forward.

ACKNOWLEDGEMENTS

STEERING TEAM

TOWNSHIP STAFF

Butch Berger Jason Box James Boothby Kevin Chapman George Carstensen Brad Larue Janice Fehn Joel Moszkowicz Amy Hansen Tony Parasiliti Adam Hoff Linda Rossler Tammy Hughes Mark Sattler Vern Meinke Tim Titgemeyer **Elvis Shepherd** Beau Miller Deb Tefft Frank Ulrich Mark Wolf Jennifer Shepherd

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Toledo Metroparks

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Lucas County

Bill Harbert

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APPRNDIX A - IMPLEMENTATION GUIDE

Programs, Actions & Sequence (This includes proposed changes to any applicable zoning ordinances, official maps, sign regulations, flood, erosion and water control ordinances, site plan regulations, design review ordinances, building codes, sanitary codes, or subdivision ordinances.)

Describe how each element of the plan will be integrated and consistent with other elements of the plan. Include a mechanism to measure the local government units progress toward achieving all aspects of the plan. Include a process for reviewing the comprehensive plan annually and updating the comprehensive plan once every 10 years.

APPENDIX A - PUBLIC INPUT

Public Participation Survey Results conducted prior to the construction of the Jerusalem Township Comprehensive Plan The Survey was available on the Jerusalem Township Web Page, Facebook, In person at the Township Hall and a Direct Mail sent to all residents communicating all options to participate. The survey was open for 90 days from May 26 July 26 2021



Jerusalem Forward is our process to update the Township's comprehensive plan. This update takes a strategic approach to updating the previous 2001 plan focusing on topics such as transportation, economic health, housing, quality of life and public facilities among others.

BACKGROUND

With a modest population of approximately of 2,895, the Township adopted its first comprehensive plan to help guide officials in making decisions for the betterment of the community in 2001. With the accomplishment of many of the initiatives laid out in the first plan, this 2040 edition of the plan aims to ensure that it remains an actively used document.

WHAT IS A COMPREHENSIVE PLAN?

A comprehensive plan looks at the various elements of the Township and creates a series of broad policies to help guide future decisions about the physical, economic, and social aspects of the community. Comprehensive plans are general in nature and are purposely long-term, recognizing that some visions cannot be achieved immediately but take years to accomplish. Some planning efforts are localized, undertaken by the Township itself, while others are regional and involve the Township as a player in regional dynamics. The list of Related Planning Efforts below identifies an extensive sampling of some of the plans and processes that are utilized in combination with this plan.

HOW THIS PLAN IS ORGANIZED	RELATED PLANNING EFFORTS
This plan is organized into chapters	> TMACOG 208 Plan (see supplement)
by topic. Each topic has three main	> Metroparks Plan
sections:	> Lake Erie Plan
1. Background and Overview	>Lucas County Plan
2. Future Outlook and Needs	>Conservation District Plan
3. Initiatives	

JERUSALEM TOWNSHIP ANALYSIS

An analysis was completed for identification of general market conditions and a wide range of residential and commercial nearterm (re)development opportunities in Jerusalem Township. The findings identified should not be considered a directive on what type or quantity of development should occur, but rather a reference for whatever future development is desired by the township and its residents. During the course of the work, TMACOG (Toledo Metropolitan Area Council of Governments) and census data was utilized.



Jerusalem Township Land Boundary Map 34 Square Miles

Jerusalem Township Water Area 216 Square Miles



PUBLIC PARTICIPATION

Jerusalem Forward invited the citizens and anyone who cares about the Township to come together to think about what's next for the community.

PROCESS HIGHLIGHTS

1. A Comprehensive Plan Steering Team was formed, ensuring a broad representation of the community.

2. The Steering Team met on a regular basis to discuss and provide input and guidance on the planning process, background research, and draft plan elements.

3. Stakeholder interviews were held to gather input from and understand the interests of the various community representatives, regional agencies, and other interest groups.

4. 15 to 20 people attended the monthly Zoom workshops which gave Township participants a forum to provide ideas and input for all comprehensive plan elements.

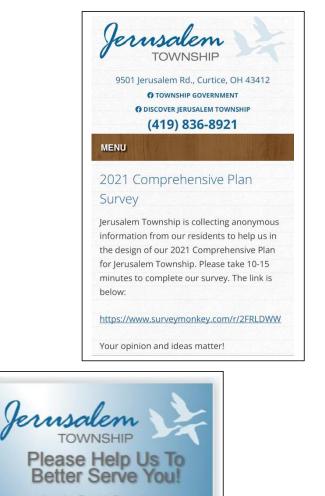
5. The Steering Team implemented a Public Survey using Survey Monkey. The survey ran for a 90-day period and accumulated 511 responses providing a healthy result with only 3% +/- deviation.

6. Social media, communication published on the Township website, and emails from Township staff were all used during the process to keep the community informed and engaged. A Comprehensive Plan Dropbox, a monthly Zoom meeting, an email address of:

comprehensiveplan2021@twp.jerusalem.oh.us, the Township's website, and Facebook were all utilized to provide communication opportunities, feedback, and to document all communication on the topic.

7. The draft plan was reviewed by the Steering Team and the public for feedback and comments.

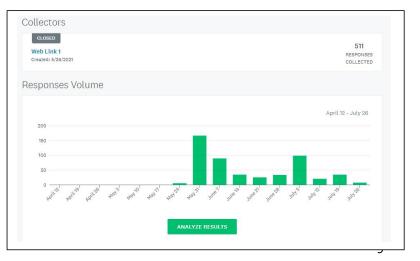
8. The plan will go through a formal adoption process.



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Discover Jerusalem Township Ohio

"One of Ohio's Family Friendly Communities"

- future headline Discover JTWP Ohio Facebook Comprehensive Plan Participant



In helping others, we shall help ourselves, for whatever good we give out completes the circle and comes back to us. Flora Edwards.

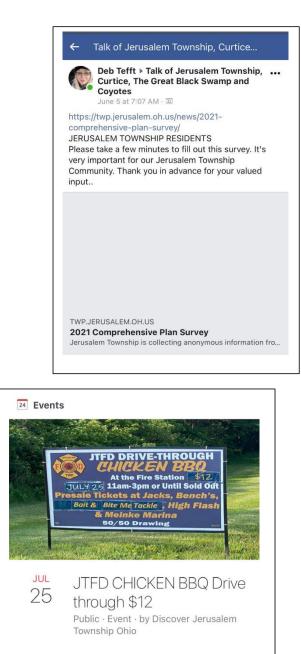
We have many caring neighbors in Jerusalem Twp. that helps others by looking for lost dogs, or helping their neighbors clean up after a storm.

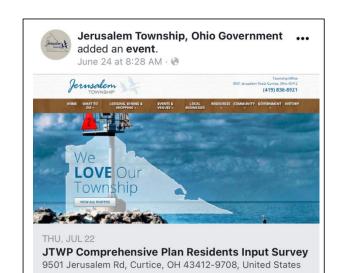
Thank you caring neighbors!

Jerusalem Township Ohio Government

"Blending Family Values with Planned, Successful Growth"

future headlineJTWP Ohio Gov FacebookComprehensive Plan Participant





VISION

Jerusalem Township continues to be one of the most up and coming places to live and play in Eastern Lucas County. This desirability is an outgrowth of Jerusalem's history, geography, relationship to Oregon, Port Clinton, and the Lake Erie Shores. The Township continues to be a quiet community with quality lifestyle choices and valued public services embracing involvement by its citizens who help set the course for the future.



8 KEY ELEMENT GOALS

The preceding vision statement and the following goal statements outline a desired target that, if pursued over the long term, will contribute to the attainment of the community vision. The 2040 Jerusalem Forward Plan Update goals are divided into Eight Key Elements from the 2001 Jerusalem Plan. These goals, along with the vision statement were developed as part of the 2021 planning process and reaffirmed with the public survey as part of this 2021 plan update.

1 COMMUNITY AND CHARACTER

> The township will pursue the character of the founder's dreams for Jerusalem residents and business owners, while incorporating wildlife and recreational opportunities.

3 PEOPLE AND HOUSING

> The Township will be comprised of quality neighborhoods with well-maintained housing.

> The Township should provide a variety of businesses and housing options to meet changing demographics and market demands.

5 LAND USE AND DEVELOPMENT

> Jerusalem Township will be a well-planned community with a mixture of agricultural uses, residential neighborhoods, and commercial businesses balanced with public uses, parks, and recreational uses.

> The historical resources of Jerusalem Township will be protected for future generations.

> Jerusalem Township will continue to undertake detailed plans and studies related to specific topics or geographic areas of the community as necessary to adhere to the guidance and intent of this comprehensive plan.

7 PUBLIC SERVICES AND FACILITIES

> The Township will provide quality services in locations that are convenient and accessible to local residents.

> Jerusalem Township will work with appropriate agencies to address needed improvements to the overall infrastructure system in a manner consistent with environmental and aesthetic priorities.

2 ECONOMIC HEALTH

> Jerusalem Township will expand its tax base with land developed for residential and commercial uses with a focus on attracting new residents and businesses while protecting agriculture.

> The Township will explore creating a "Business Liaison" to build a stronger bond between Business owners and Township Trustees to support Jerusalem Township's Locally Owned and Operated Business Community.

4 QUALITY OF LIFE

> Residents will maintain a quality of life that includes excellent schools, religious offerings, diverse parks, open spaces, and recreation programs.

> Jerusalem Township will have a unique image that can be marketed to the region and nation and is part of an overall identity.

> Jerusalem Township will be a community that strives to be sustainable and resilient in its practices by balancing the demand for development and activities with the needs of our environment, recognizing that what we as a community accomplish today will affect future generations of Township residents and businesses.

6 AGRICULTURAL NATURAL AND ENVIRONMENTAL RESOURCES

> The vast natural and environmental resources of Jerusalem Township will be protected for future generations.

> The Township will remain an agricultural community for future generations.

8 TRANSPORTATION

 > The township has a unique water transportation system, bike trail and hiking system connecting residents to recreation, entertainment, and other public uses.
 > Jerusalem Township will be a community with a safe school bus system.



COMMUNITY AND CHARACTER OVERVIEW

Jerusalem Township established in 1893 is located in Lucas County in Northwest Ohio and encompasses 265 square miles—34 square miles of land and 216 square miles of water. Jerusalem Township leaders had foresight to establish Zoning in 1958 http://twp.jerusalem.oh.us/zoning/. Today a Zoning Board, Zoning Inspector and Board of Zoning Appeals work to support the . community as envisioned by early settlers and leaders. "the beautiful shores of Lake Erie"

GOALS

> Honor and celebrate Township culture, community, and preservation for future generations.

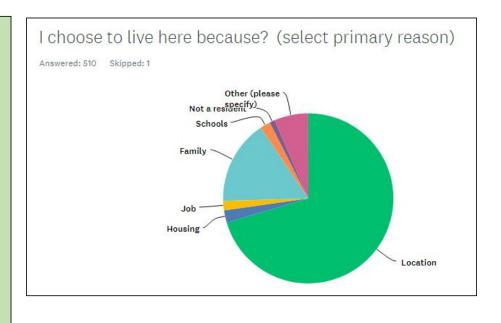
> Foster a community that is informed and involved. "Be a Good Neighbor"

> Advocate the benefits of a community that is centered in nature, outdoor recreation, and water activities.

> Promote healthy, dignified, and welcoming neighborhoods while embracing Tourism related business.

> Leadership responsible for human safety and asset protection. "Trustee Oath"

>Work together to reduce blight and promote community harmony.



"Our residents choose to live here because of Location and Family"

JERUSALEM TOWNSHIP DEMOGRAPHICS				
Education Levels	JTWP	Gender		
Professional Degree	1%	Male	51%	
Master's Degree or Higher	4%	Female	49%	
Bachelor's Degree	17%			
Associates Degree	9%			
Some College 1 or more year	17%			
Some college less than 1 year	7%			
GED or equivalent	4%			
High School Diploma	41%			
Diversity		Age		
White	94%	<10 YRS	11%	
Hispanic	5%	10-17 YRS	10%	
Two or more races	1%	18-24 YRS	6%	
African American	0%	25-34 YRS	10%	
Asian	0%	35-44 YRS	10%	
Native American	0%	45-54 YRS	16%	
Other Races	0%	55-64 YRS	18%	
		65+	18%	

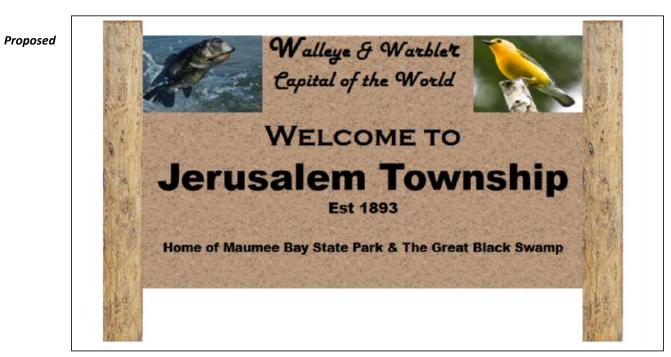
ATTRACTIVENESS, IMAGE, IDENTITY & LIVABILITY

Attractiveness

Jerusalem Township is a beautiful rural/residential area filled with wildlife. Numerous wetland areas provide habitat for many species of birds and mammals. Sightings of majestic bald eagles are an almost daily occurrence.

Image & Identity

Jerusalem Township is an unincorporated area at the Eastern end of Lucas County. Many of the residents have roots in the community reaching back 100 years or more. There is a limited amount of commercial / industrial business in the township. The most prevalent types of business in the community are agricultural and recreational (fishing, boating). Many of the Township residents work outside the community but enjoy the quiet, natural environment with many opportunities for observing wildlife.



Livability

Restaurants in the area include:

- The Water's Edge Restaurant (Maumee Bay State Park)
- Icebreaker Lounge (Maumee Bay State Park)
- The Bono Tavern
- The Bilge at Anchor Pointe (seasonal)
- Crazy Lady Saloon
- Joe's Pizza Kitchen
- Subway
- Hy-Flash Tavern (and breakfast)
- DG's Ice Cream

Grocery and Convenience stores:

- Jack's Superette and meat market
- Stop & Go
- Laraine's Landing
- Dollar General







Jerusalem Township is part of the Oregon School system: Jerusalem Elementary School 535 S. Yondota Rd Curtice, Ohio 43412 Eisenhower Intermediate School 331 N. Curtice Rd Oregon, Ohio 43616 Clay High School 5665 Seaman St. Oregon, Ohio 43616



LAKE ERIE FEATURES

This Western end of Lake Erie includes some of the most productive waters in the Great Lakes for sport fishing. Marinas in the Township include:

- Anchor Pointe Marina
- Meinke Marina West
- Meinke Marina East
- Maumee Bay State Park Marina

Public Fishing areas and access ramps include:

- Metzger's Marsh ramp and fishing pier
- Howard Marsh
- Lucas County public boat launch and public fishing area
- Cedar Point fishing access and kayaking (at the end of Yondota road)
- Maumee Bay State Park
- Numerous Fishing Charter Boats: <u>https://twp.jerusalem.oh.us/outdoor-adventures/</u>

Ice Fishing access points:

- Lucas County public boat launch ramp
- Metzger's Marsh public boat launch ramp
- Crane Creek State Park



GEOGRAPHY, NATURAL & BUILT IN FEATURES

The Township is a low-lying area adjacent to Lake Erie. Originally, much of the Township was marshland. An extensive drainage system of ditches, canals, and dikes allow the excess water from Cedar Creek and farm runoff to drain to Lake Erie thereby allowing rich farmland to be cultivated.

Public hunting areas include:

- Metzger's Marsh
- Mallard Club on Cedar Point Road
- Maumee Bay State Park
- Howard Marsh Metropark
- All lakefront areas from Crane Creek to Maumee Bay State Park. (One of the most popular is Potter's Pond).

Recreational Park areas include:

- Mallard Club Wildlife Refuge
- Joe Verb Memorial Park
- Howard Marsh Metropark
- Maumee Bay State Park
- Magee Marsh



Bird Watching

Birders can observe an incredible diversity of species in many of the areas listed above. Historically, 37 species of warblers and over 300 species of birds have been seen at Magee Marsh Wildlife Area, making it recognized worldwide as a top birding destination for songbird migration. Annually, 70,000 to 80,000 people visit Magee Marsh in the six-week period from mid-April through May during the songbird migration. The Biggest Week in American Birding, a 10-day event based at Maumee Bay State Park sponsored by the Black Swamp Bird Observatory, attracted visitors from 47 states and 20 countries!

ARCHITECTURE & HISTORICAL LANDMARKS

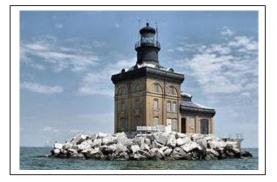
Toledo Harbor Light:

The Toledo Harbor Light is located about five miles north of Maumee Bay State Park's shores. The lighthouse marks the entrance to the Toledo Shipping Channel where Lake Erie and Maumee Bay meet.

Lighthouse History:

In 1897 the Toledo shipping channel was dredged wider and deeper to allow increased shipping to the Port of Toledo located in the Maumee River, furthering the need for a new lighthouse. The Army Corps of Engineers designed the Toledo Harbor Lighthouse and construction began in 1901. A 20-foot-deep stone crib is at the base of the Toledo Harbor Lighthouse. The Toledo Lighthouse is four stories high with a steel frame and an attached one-story fog signal annex building. The Lighthouse has Romanesque arches and buff brick. Its original cost was \$152,000. The total height is 85 feet. First illuminated May 23, 1904, the 3-½ order Fresnel lens featured a 180-degree bull's eye, two smaller 60-degree bull's eyes and a ruby red half cylinder glass made in Paris, France by Barbier and Bernard. A weighted clockwork mechanism made the light rotate. The original Fresnel lens could be seen from up to twenty-four miles. The original lens was removed by helicopter in 1995. For about ten years, the lens was at COSI in Toledo. The Toledo Lighthouse now displays the lens at Maumee Bay State Park in the lodge which can be seen 24/7.





In 1966 the light was automated and Coast Guard keepers no longer manned the lighthouse. To prevent vandalism, a uniformed mannequin officer was placed in the window, the windows in the lower floors were boarded, and the boat basin removed. Through the years there were two uniformed officer mannequins but now only one remains. She has a blond wig and is fondly known as Sarah. Coast Guardsmen assigned to maintain the light sign the mannequin. With the lure of the mannequins, ghost stories came about. In 1985 the light was removed and replaced with a new small, efficient lens. The lighthouse was first operated under the U.S. Lighthouse Service with living quarters for the chief, assistant keeper, and their families. The basement had seven rooms including a commissary, general store, furnace etc. The Coast Guard now maintains the Toledo Light. The overall condition of the Toledo Light House is good. The inside is empty, except for Sarah, the Mannequin in the second story window. The lighthouse encompasses 4,000 square feet of space.

Historic Preservation Partners

Toledo Harbor Lighthouse Preservation Society (THLPS) is an all-volunteer nonprofit organization that seeks to preserve, restore, and provide public outreach and access to the lighthouse. The organization has grown to 500 members. THLPS owns the lighthouse and leases the original Toledo Lighthouse lens. THLPS is proud of our accomplishments and our members. Meetings are open to all.

The original light at the Toledo Lighthouse, a 3 1/2 order Fresnel Lens made by Barbier and Bernard, is located at the lodge at Maumee Bay State Park and can be seen anytime. The lens has two bull's eyes and one clam shell. The lit prisms and glass made the light visible up to sixteen miles. The 3.5 order Fresnel lens is one of only three made. The Toledo Lighthouse is one of a kind - very unique architecturally.

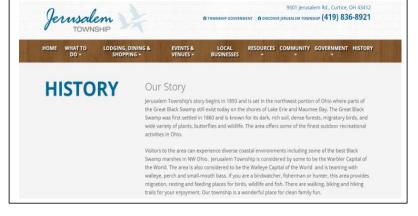
The Secretary of the Department of Interior approved the application for the Toledo Harbor Lighthouse Preservation Society (THLPS) to own the lighthouse. On April 25, 2007, THLPS received the deed and keys to the lighthouse.

TOWNSHIP WEBSITE, HISTORY & CULTURE

Jerusalem Township maintains a website <u>https://twp.jerusalem.oh.us</u>

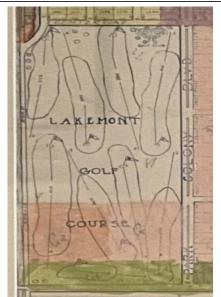
Information on the history of the area is included as well as Community Resources and Township Services including Fire, Roads & Bridges, Zoning, Recreation, and Government. The Township website has been expanded to serve as a go-to source of tourism information including:

- What to do?
- Lodging, Dining & Shopping
- Events and Venues
- Local Businesses



From 1837 to 1893, Jerusalem Township was part of Oregon Township. Dense forests and swamps covered the land with little development until 1860. Evidence of Ottawa Indian burial grounds and French hunters and trappers was found in the area. During the late 1800's, a number of families moved into what came to be known as Jerusalem Township. They engaged mainly in fishing, hunting, and trapping. Because the narrow roads were nearly impassable due to the mud, these people often traveled by boat to Toledo with their furs.

In 1899 Henry Reno bought the Wards Mill and in 1902 bought 900 acres of land including 40 acres (Niles) along the lake (known as Old Reno) divided them into 1/4-acre lakeside lots, including Reno Lakeland Beach, Reno Beach Lands, Reno By the Lake, Reno Gardens, and Reno Farms. **The Reno Beach Amusement Company** was formed and developed facilities on the lake. A sandy beach was kept clean, and residents enjoyed boating, swimming. Space devoted to picnic benches where people brought basket lunches. In 1921 a 400-acre Golf Course was developed and each lot owner was given a membership ticket to play. Major flooding took place in 1943 no efforts were made to continue the Reno Amusement Park facilities and the Golf Course was shut down in 1945.



Ward's Canal Historical Marker dedicated



Published by twalro@presspub... on Mon, 10/11/2021 - 7:43am

By: Tammy Walro

A dedication was held Oct. 3 for an Ohio History Marker for Ward's Canal, located at Howard Marsh Metropark in Curtice. Toledo Metroparks, Eber Brock Ward descendants, Charles and Eva Herman descendants, and Ohio History Connection sponsored the marker.

Debbie Miller initiated the process of procuring the marker – conducting research, locating the property on which the marker would be placed and submitting the application to the Ohio Historical Marker program.

Miller, who grew up in Bono, said her goal was to preserve and spread the story of the canal's history.

"As a kid, I knew nothing about the canal; it was just a ditch," Miller said. "Now that I am older and wiser, I realize that the canal is what opened the area to settlement. I just think it is a really cool story and I don't want it to get lost in time.

"It was challenging to find information, but when I found actual handwritten logs by Eber Ward giving names of vessels that were built in New Jerusalem, wow – exciting," she said.

In her application, Miller noted that Ward's Canal was instrumental in the harvesting of timber, creating the first important industry in Jerusalem Township. "Vessels were built and traveled the canal to reach the Great Lakes. Years later, the canal provided the first major drainage of the land now using it for agriculture and opening the area for more permanent settlement," she wrote.

"Finally, the canal has seen the area come full circle as it is currently used to bring fish in and out of the newly reverted wetlands on former Howard Farms as well as providing habitat for migratory birds. As in its beginning, Ward's Canal continues to be used year-round for fishing as well as a means for boats to enter and exit Lake Erie," her application said.

The marker reads:

"To utilize the area's rich timber stands, Detroit industrialist Eber Brock Ward (1811-1875) built a canal around 1870 in what was then Oregon Township, Lucas County. Known as Ward's Canal, it stretched approximately 2-3/4 miles through wetlands to Lake Erie. Through the canal passed timber sawn at Ward's mills and ships from his boatyards. Two settlements formed to house workers: Shepherdsville, renamed Bono in 1898, and New Jerusalem.

Residents from eastern Oregon Township sought their own local government and petitioned to form Jerusalem Township in 1893. After Ward, sawmills and stave-makers harvested timber stands until a disastrous fire ended commercial lumbering in 1895. Around 1900, Howard Farms purchased Ward land to grow onions and other crops and used the canal to drain wetlands.

Commercial fisheries also worked the area, one of which harvested sturgeons' eggs for caviar.

Approximately 150 years after Ward built his canal, the area features a yacht club, marina, and boat launches, and hosts anglers and bird watchers on restored wetlands."

Learn more about the Ohio Historical Marker program at www.remarkableohio.org.

Following is the full text of Debbie Miller's research:

One of the early purchases and development of land in Jerusalem Township, Lucas County, OH began in May 1863 when Eber Brock Ward purchased approximately 4,089 acres of land in the Black Swamp from John James through a trustee, James P. Kilbreath. Ward, a giant1 industrialist of the entire Northwest from Detroit, Michigan, shipbuilder, and owner of vast tracts of timber lands, purchased this land teaming with oak, walnut, ash, and elm trees to further his shipping empire. 2

At that time there was no waterway that connected the interior treed area through a wetlands area to Lake Erie. To transport the lumber, Ward constructed Ward's Canal, approximately 2-3/4 mile long, 30-60 foot wide, (sources vary) and 15 foot deep.3 The

canal stretched from Lake Erie inland to Cedar Creek, which had no mouth but instead dissipated into the marshland.

The canal opened the area to permanent settlement. The area reminded Ward of his travels abroad in Jerusalem, so he called his settlement New Jerusalem. In New Jerusalem, he built a boarding house, his own large home, a stable and a racetrack. Near his home and on the south side of the canal, he built a sawmill.4 He used the lumber for his vessels as well as sending lumber to various other places on the Great Lakes.

Ward constructed a shipyard about 1-1/2 miles north of New Jerusalem, which operated from 1870-1875. Large schoonerbarges, steamers and tugs were built in Ward's successful shipyard. Mercury, Saturn, and Venus are just a few of the vessels that were built there.5 The steamer, Music, described as one of the finest vessels on the Great Lakes, was built in New Jerusalem. It had accommodations for 75 first-class cabin passengers, with cabins constructed with black walnut. The vessel also had an officers' guarters, a dining room and an after cabin.6 At one time as many as 100 men were employed at the canal.7

More housing for the workers was needed, so in the 1870s, Dan Shephard purchased land south of the Ward's Canal and called it Shephardsville. He platted the land and sold most of it to mill workers.8 The settlement grew as people came to work along the canal. In the 1890's, application was made for a post office, but was denied because there was already an Ohio post office under the name Shepardsville, The townspeople discussed and voted to change the name from Shepardsville to Bono. Francis Bunno, a respected Cherokee native living in the community, is the community's namesake.9 The Bono post office was opened in 1898 under the corrupted from repeated usage, new name of Bono. The post office closed in 1974, but the Bono community remains.10

Ward's business on the canal thrived until the crash of 1873 and Ward died unexpectedly two years later.11 Shortly after Ward's death, Fred Tank began a stave mill business near the Ward shipyard site and Shephardsville. Mr Tank's staves were shipped via steamer on the canal to Kelly's Island.12 In 1895, fire destroyed most of the remaining timber in the canal area, thus ending lumbering, but Tank's mill continued operating into the 1900s.13 Shephardsville continued to thrive with work along the canal.

Around the turn of the century, George A. Howard, of Howard Farm Company, purchased 1485 acres of Ward's property, including the canal for the purpose of farming.14 First, he had to drain the swamp land. Howard's knowledge on draining land came from traveling in Holland. Using Ward's Canal as the first major drainage improvement in Jerusalem Township, Howard changed the swamp land to flourishing farmland opening the area to further settlement. Howard Farms was one of the earliest and largest company owned muck farm in Jerusalem Township.15

Using this reclaimed rich soil, Howard introduced onion farming to Northeast Ohio. Men, women, and children worked the onion fields. The onion fields were called a "show place," revealing the great prosperity of the area. Using the canal for water control, agriculture was now the major industry in Jerusalem Township.16 Many families moved to Bono to work in the onion fields, making it a thriving village, with a number of trades and occupations. In 1902, the Bono Baptist Church, the first village church, was built with a foundation of stones transported from Kelly's Island via Ward's Canal.17 At the mouth of Ward's Canal, Tom Wolff operated a commercial fishery, capturing sturgeon to harvest the eggs for cavier.18

At the same time Howard was draining his property, Mr. Metzger purchased land on the south side of the canal. He also used the canal to drain the land, which he used for farming until 1929. In that year, dikes along Lake Erie broke flooding the farm.19 In 1955, the Ohio Department of Natural Resources purchased portions of the land and Ward's canal for hunting, trapping and fishing.20 Today, additional portions of Metzger's land and Ward's Canal are owned by a yacht club, a public boat launch, a private marina.21

Ward's Canal continued to provide water control for agriculture. In 1930s Howard Farms was purchased by Herman Wiener and farming continued.22

After a decade of planning and purchasing 1,000 acres of Howard Farm, including a portion of Ward's Canal, Toledo Metroparks in April 2018 opened Howard Farms Wetland.23 This project recreated a coastal wetland similar to the land Ward encountered when he used the area for shipbuilding. Howard Marsh Wetlands, including Ward's Canal, is now part of a coastal wetlands that stretches miles along Lake Erie in Lucas and Ottawa counties, providing migratory birds habitat along their journey. Howard Marsh Metropark, which includes a portion of Ward's Canal is now included in "The Biggest Week in American Birding" schedule.24 In 2019, this event attracted visitors from 47 states and 20 countries.25

In summary, Ward's Canal was instrumental in harvesting timber creating the first important industry in Jerusalem Township. Vessels were built and traveled the canal to reach the Great Lakes. Years later, the canal provided the first major drainage of the land now using it for agriculture and opening the area for more permanent settlement. Finally, the canal has seen the area come full circle as it is currently used to bring fish in and out of the newly reverted wetlands on former Howard Farms as well as providing habitat for migratory birds. As in its beginning, Ward's Canal continues to be used year-round for fishing as well as a means for boats to enter and exit Lake Erie

(Article Footnotes & Sources not attached)

FUTURE OUTLOOK & NEEDS

Network and market the Township Brand and Image to position Jerusalem Township as a preferred place for Families to Live and Small Business supporting Tourism to flourish.

Embracing the meaning of sustainability in community development by protecting natural resources, water, green spaces, air, and wildlife.

Preserve community identity while promoting residential neighborhood growth and Tourism focused Business that is in concert with needs and desires of the community.

Maintain the rural, agricultural character while supporting smart economic investments for future generations.

Promote technology advancements to support Township growth and development.

Enhance Zoning by adapting to community needs as technology and expectations change.

What Residents had to Say!

As the Comprehensive Plan progressed a number of "Key Themes" emerged. The residents of the Jerusalem Township community are clear about Jerusalem Townships Natural Features, Beauty, Agricultural, Recreational and the "Peaceful Unique Flavor" of our community.

The public survey identified widespread opposition to expansive industrial or commercial development in the township.

Positive support from residents for "TOURISM" Businesses like restaurants, lodging, and retail stores.

Business Development should complement, not detract, from the character of our community.

The majority of residents responding to our survey have also been clear about their desire to maintain and improve the attractiveness of the community.

Over 71% of residents responding with MEDIUM to HIGH PRIORITY support leadership to "address neighborhood/property blight and nuisance issues"

COMMUNITY AND CHARACTER PLAN & INITIATIVES

- 1.1 Work with Zoning to enhance an objective method for protecting life and assets coming along side residents and business owners with education and transparency to promote community health and well being.
- 1.2 All Signage, Promotional Materials and Advertising, Print or On-Line, should be tagged with "Jerusalem Township, Ohio" and the Jerusalem Township web address <u>https://twp.jerusalem.oh.us</u>
- 1.3 Improve culture with existing businesses by promoting Jerusalem Township as the Birding Capital and the Walleye Capital of the World supporting local businesses with Fishing Charters, Bird Tours, Lodging, Shopping and Dining.
- 1.4 Improve Township Image and Brand with upgraded Township signage at appropriate points on SR2, Corduroy Rd, Cedar Point Rd, Seaman Rd, and North Curtice Rd.
- 1.5 Work with ODNR and The National Park Service to place signage in the Magee Marsh, The Ottawa National Wildlife Refuge and West Sister Island National Wildlife Refuge, adding signage at appropriate points welcoming visitors to Jerusalem Township
- 1.6 Consider placing "Welcome to Jerusalem Township" signage at points on Lake Erie. Examples: Toledo Harbor Lighthouse, and the entrances at the Wards Canal, Coolie Canal and Maumee Bay State Park Marina.
- 1.7 Improve community attractiveness by improving on-line image through JTWP Website, Jerusalem Township Government Facebook Page, and the Discover Jerusalem Township Facebook Page etc.
- 1.8 Implement an effort to Preserve the History and Heritage of The Reno Beach Amusement Company and The Lakemont Golf Course with a Historical Marker.
- 1.9 Promote community event planning: Establish annual events Examples below.
 Spring: Biggest Week in American Birding!
 Summer: Barefoot at the Beach, Bike to the Bay/Marsh.
 Fall: Jerusalem Township Annual Festival Curtice Kids Day.
 Winter: Township Annual Christmas Event.



ECONOMIC HEALTH OVERVIEW

Economic evaluation for the 2021 Plan included examining the Township's tax revenue sources, comparing Cost of Living Indices with other Lucas County Ohio townships, Employment Data, Commercial Real Estate, Local Businesses and conducting studies of Jerusalem Township. In response to our survey question regarding property taxes and services, the majority of residents responded: *"I receive the right amount of local government services for my taxes"*

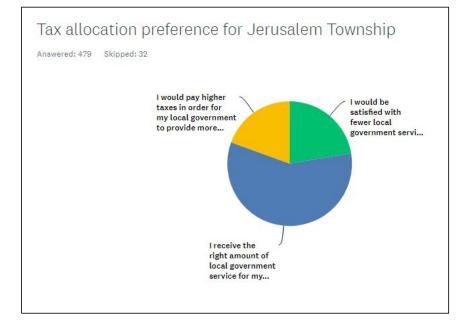
GOALS

> The Township will balance and promote Agriculture, Residential and existing Business Growth to expand the tax base to stay ahead of inflation (4% average annually).

> JTWP will enhance our economic IMAGE by working closely with Businesses and Owners in the Township.

> Tourism as an Industry is embraced to support Township Economic Health.

> Support a "Strong Tax Base" to help support locally owned and operated business.



WHAT JERUSALEM TOWNSHIP HAS TO OFFER

> Easy access to the regional and federal interstate system

 No local income taxes (townships in Ohio cannot currently collect income taxes)

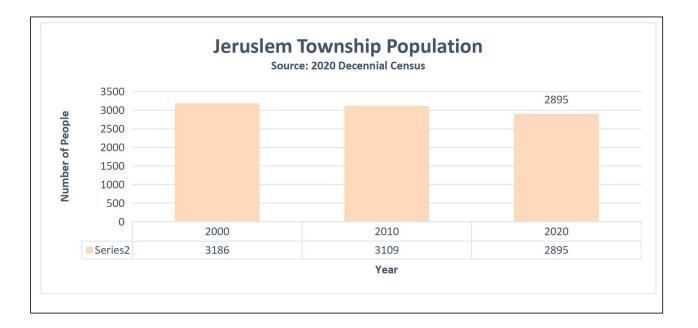
> Relatively low property tax rates as compared to other townships in Lucas County

ECONOMIC BASE, POPULATION, RETENTION & GROWTH

To enhance the quality of life and well-being of all Jerusalem Township residents through modest growth of our local economy. To cultivate new and existing business opportunities for entrepreneurship and employment.

Population Survey Results & Demographics 2020 US Census

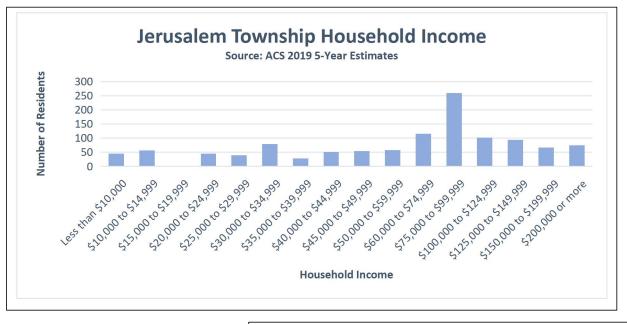
JERUSALEM TOWNSHIP POPULATION DATA		Lucas County
Total Population	2,895	428,348
Resident Births last 12 months	12	N/A
Family Households	881	110,822
Population Density (per sq mile)	100	1,257
Average Family Size	2.6	3.0
Average Age	47.3	38



EMPLOYMENT & HOUSING TREND ANALYSIS

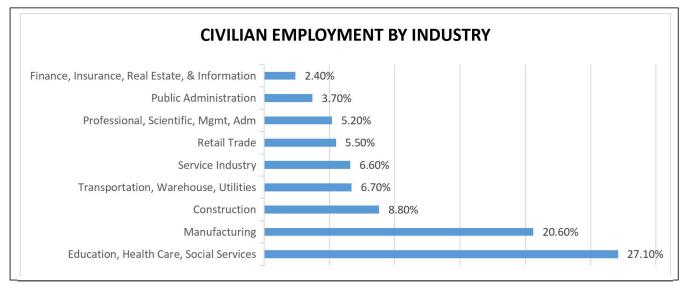
The population in Jerusalem Township is 2,895. There is an average of 100 people per square mile aka population density. The median age in Jerusalem township is 47.3 compared to the US median age of 37.4. The number of people per household in Jerusalem township is 2.6 which is the same as the US average of 2.6.

	Jerusalem Township Housing & Population Trends						
Census Year	Population US Census	Loss/Gain	Trend %	Census Year	Households US Census	Loss/Gain	Trend %
2010 - 2020	2,895	-217	-7.40%	2010 - 2020	1,164	-5	0.40%
2000 - 2010	3,109	-77	-2.40%	2000 - 2010	1169	-29	-2.40%
1990 - 2000	3,186	-67	-2.10%	1990 - 2000	1198	7	0.50%
1990	3,253	N/A	N/A	1990	1191	N/A	N/A



The chart (Right) explains that 56.6% of our Jerusalem Township Residents are employed. The figure appears low but is affected by children, stay-at-home moms, and retired workers. The break-down shows the distribution of the Employed workers by type of company:

EMPLOYMENT DATA	
Employment Rate	56.60%
Employment Break-down:	
Employed at Private Company Workers	59.90%
Local, State, Federal Workers	18.50%
Self Employed Workers	14.60%
Private Not for Profit Company Workers	7.00%



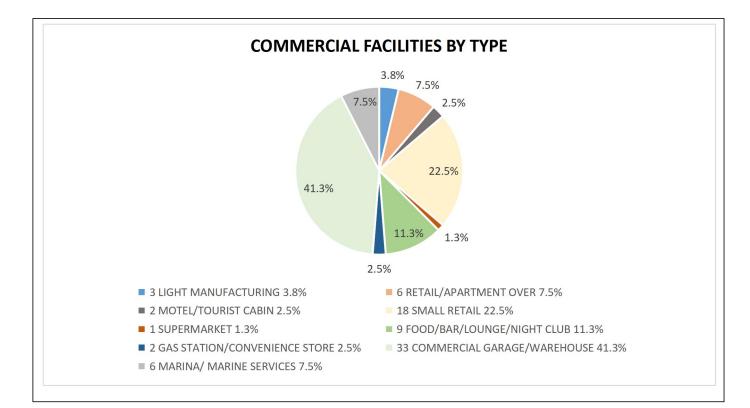
COMMERCIAL BUSINESS ANALYSIS

A healthy Locally Owned Commercial Business sector supports Residents and Jerusalem Township's Tourism Industry. Resident input through the Public Survey shared that the Township should improve the image towards Businesses and asked for smart Business Investments to support Small Business opportunities.

The following chart "Jerusalem Township Commercial Property Footprint" provides a count of vacant commercially zoned lots and an overview of existing facility space and value. Embracing and investing in locally owned and operated businesses in Jerusalem Township is a priority for Township Leadership and Elected Officials.

JERUSALEM TOWNSH	IIP COMMERCIAL PRO	OPERTY FOOTPRINT		
Commercial Vacant Lots	614 Parcels	0		
FACILITY VALUATION	# FACILITIES	SQUARE FOOTAGE	SQUARE FOOT VACANT	% VACANT
\$10,000 - \$24,999	4	12,080		0%
\$25,000 - \$49,999	6	18,710	7,165	38%
\$50,000 - \$99,999	14	44,786	2,220	5%
\$100,000 - \$199,999	10	54,789	3,688	7%
\$200,000 - \$499,999	10	114,686	5,328	5%
\$500,000 - \$999,999	7	77,635		0%
\$1,000,000 +	6	502,881		0%
TOTAL	57	825,567	18,401	2%

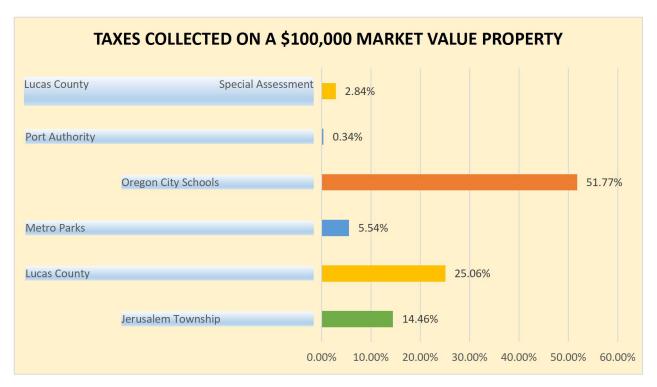
Jerusalem Township's has 78 Commercial Business Facilities. Example: The pie graph below shows that the 33 Commercial Garage/Warehouses are 41.3% of the 78 Commercial Business Facilities in JTWP. This data can be used to strategically plan future Commercial Investment opportunities.



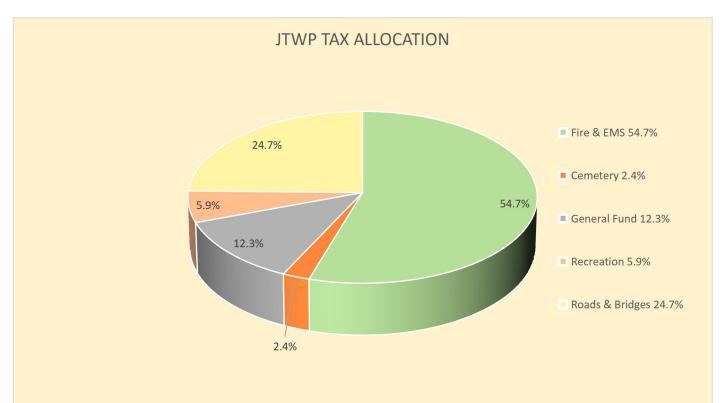
Jerusalem Township Homeowners pay an average of \$2,522 of property taxes annually on a \$100,000 market value home. The largest portion of 51.77% funds the Oregon City Schools, the second largest portion of 25.06% funds Lucas County, and the third largest portion of 14.46% funds Jerusalem Township. Full details are shown below.

ΤΑΧ	ES COLLECTED ON A \$100,000 MARKET VALUE PR	OPERTY	
Authority	Levy Name	Full Year	Percentage
Jerusalem Township	Cemetery	8.50	0.28%
Jerusalem Township	Fire	138.28	4.59%
Jerusalem Township	Fire & EMS	52.36	1.74%
Jerusalem Township	General Fund	42.76	1.42%
Jerusalem Township	Recreation	20.74	0.69%
Jerusalem Township	Road & Bridge	54.50	1.81%
Jerusalem Township	Road & Bridge	31.60	1.05%
Lucas County	911 Telephone	19.42	0.65%
Lucas County	Children's Services	90.16	3.00%
Lucas County	Children's Services	12.86	0.43%
Lucas County	Developmental Disabilities	112.52	3.74%
Lucas County	Developmental Disabilities	57.08	1.90%
Lucas County	General Fund	61.08	2.03%
Lucas County	Mental Health and Recovery	69.36	2.30%
Lucas County	Science and Natural History	4.72	0.16%
Lucas County	Senior Services	12.48	0.41%
Lucas County	Senior Services	10.00	0.33%
Lucas County	Zoo	27.74	0.92%
Lucas County	Zoo	20.83	0.69%
Metro Parks	Park Districts	63.82	2.12%
Metro Parks	Park Districts	69.80	2.32%
Oregon City Schools	Bond Retirement	126.47	4.20%
Oregon City Schools	General Fund	1053.20	34.99%
Oregon City Schools	General Fund	124.10	4.12%
Oregon City Schools	Permanent Improvement	54.98	1.83%
Port Authority	Port Authority	8.20	0.27%
Lucas County	Library	80.48	2.67%
Lucas County	Library	25.70	0.85%
Lucas County	Storm Water District	51.72	1.72%
Lucas County	Waste Management District	5.00	0.17%
Lucas County	Mosquito District	11.88	0.39%
Total Taxes	Total Taxes	2522.34	100.00%
Lucas County	R.B. / H.F. Conservancy District (If Applicable)	236.06	7.84%
Lucas County	Sanitary Sewer (If Applicable)	251.42	8.35%

The graph below shows the same tax data as the spreadsheet above as a percentage.

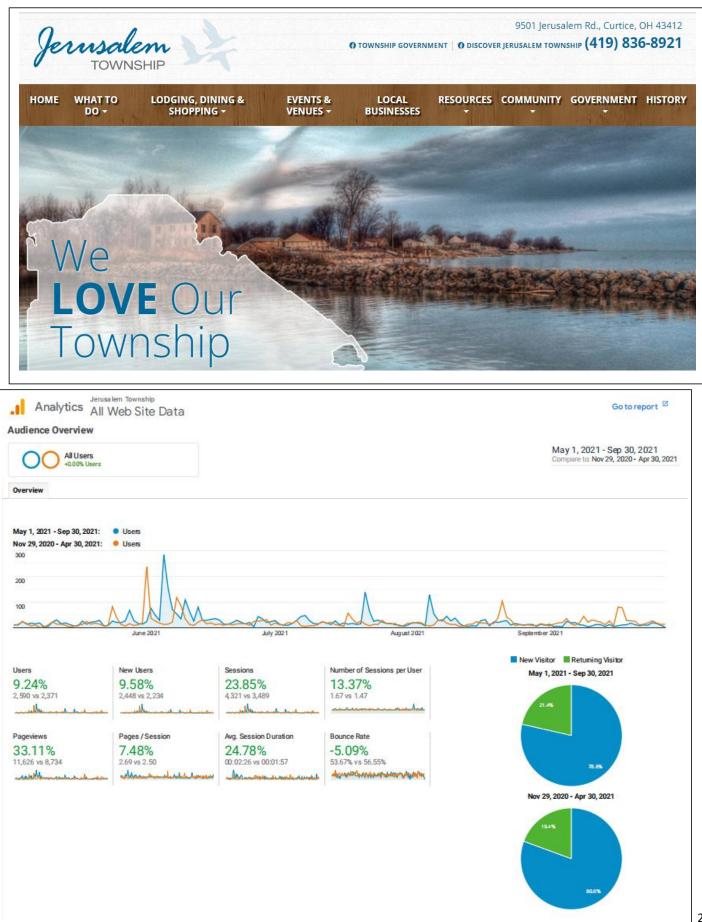


Where does your Tax Money Go? Based on a home with a \$100,000 Valuation Jerusalem Township receives 14.46% or \$442.73. The pie graph below shows how the \$442.73 is allocated for use in Jerusalem Township. When tax revenue is allocated, it cannot be used for other purposes. If you have a \$100,000 valuation home, then \$54.45 is allocated to the General Fund Annually.



WEBSITE HEALTH ANALYSIS

Through Trustee Leadership and community collaboration, JTWP website efforts are underway to improve our Image and tourist visibility to include additional categories such as: What to do: Outdoor Activities and Adventures, Where to Shop, Where to Eat, Lodging Options, Discover Jerusalem Township Facebook Link, and More! Jerusalem Township Website <u>http://www.twp.jerusalem.oh.us</u>



FUTURE OUTLOOK & NEEDS

Economic health is one of the top issues for the future of Jerusalem Township. Many residents work in the city of Oregon or Toledo and pay income taxes to the city on top of the real estate taxes that go to the County, public schools, park districts and the Township.

Maumee Bay, Curtice, and Reno/Howard/Bono areas have potential but opportunities with environmental constraints and infrastructure access need to be addressed in order to capitalize on these residential growth areas.

Agriculture remains the backbone of Jerusalem Township and as the area experiences residential growth, small businesses including restaurants, stores and shops will expand to support community needs.

Jerusalem Township's 6,000+ Acres of Parks / Greenspace provides an opportunity to embrace and enhance Tourism as a growing industry to financially support our residents and community.

Infrastructure Capital Improvement Plan to support Jerusalem Township Residents for the future.

What Residents had to Say!

Residents identified "Tourism" as the #1 economic opportunity in Jerusalem Township including: lake front living, boating, water activities, hiking/biking, bird watching, parks/green spaces and much more!

The second economic opportunity included locally owned businesses that support tourism and a familyoriented community.

Tourism and single-family housing drives revenue growth and supports local businesses, attracts families to live in the community and works well with Jerusalem Township's built-in lake shore, green spaces, and outdoor activities.

ECONOMIC HEALTH PLAN INITIATIVES

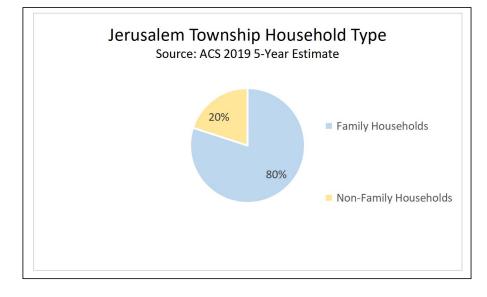
- 2.1 Continue to develop the Jerusalem Township website to be tourism and business friendly and easily found on the web.
- 2.2 Develop a Jerusalem Township "Business Liaison" to promote Businesses in the Township and what they offer. In return, the Township businesses support building the "JERUSALEM TOWNSHIP" Brand on their business web site, events, and promotions.
- 2.3 Continue to develop Discover Jerusalem Township Ohio Facebook to improve businesses visibility, events, promotions, Pics and Videos to promote a "Positive Image". (Business Liaison)
- 2.4 Encourage new amenities (i.e., walkable/biking development) recreation opportunities that will make a more attractive community for new residents and new businesses opportunities.
- 2.5 Prioritize the strategic zoned areas to (Identified in Element 5) support future single family housing investments, business district development, and a Jerusalem Township Community Center.
- 2.6 Continue long term financial projections while exploring additional revenue options to ensure the fiscal health of the Township.
- 2.7 Attract and promote local, non-chain businesses and restaurants, and encourage local entrepreneurial efforts.
- 2.8 Support the continuation of existing agricultural uses within the Township.
- 2.9 Develop an infrastructure capital improvement plan (coordinated TMACOG 208 Plan) to support township long term objectives of residential housing and locally owned small business to support the community.



PEOPLE & HOUSING OVERVIEW

This chapter summarizes the demographic profile of Jerusalem Township's population and provides a general analysis of recent trends and conditions. Understanding how population demographics are changing is a key component to planning for housing needs and increased housing options.

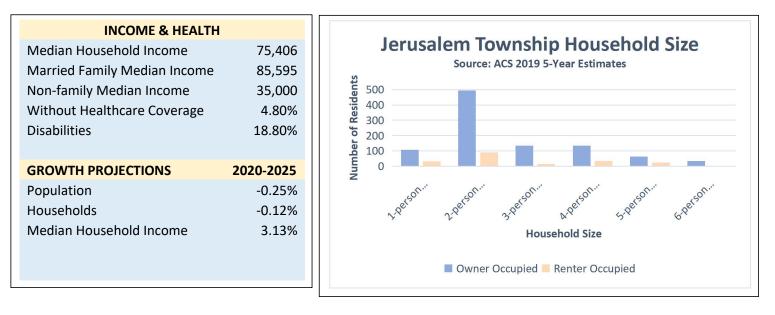




COST OF LIVING & HOUSING VALUATION

Data for Jerusalem Township Residents reflects a Cost-of-Living Index of 81.7 (18.3% below the US avg), an unemployment rate of 4.2% (OH 5.4%), a Poverty Level of 13% (OH 14%) and an Employment level of 56.6% (National Avg 56.8%).

- I ·		<u> </u>		
Township	Median Household Income	Cost of Living	Median Housing Valuation	Real Estate Appreciation
				2010 to 2020
Washington	64,000	78.1	137,400	7.2%
Jerusalem	75,406	81.7	164,900	7.1%
Spencer	64,783	83.7	185,700	7.5%
Richfield	84,359	87.0	207,000	7.2%
Springfield	83,470	88.8	231,200	7.6%
Harding	64,063	90.4	246,900	7.4%
Sylvania	98,712	90.7	244,300	7.2%
Providence	76,771	92.3	244,300	7.2%
Waterville	97,262	92.7	259,300	7.1%
Monclova	113,468	102.0	343,300	6.1%



Agricultural Heritage and Backbone remains the Largest Land Area and Industry in Jerusalem Township offering Rural Culture Values for Families to Live, Grow, and Play.



HOUSING DEVELOPMENT & ECONOMIC HEALTH

The earliest builders EB Ward, Henry & Rachel Reno and Joshua E. Curtice established JTWP subdivisions as early as the 1920's. These areas (included a golf course, beaches, farming, logging, ship building, housing, recreation and more).

Do you live in a Jerusalem Township Subdivision?	T.D. Parcel TAXING DISTRICT ADDITION-GRANT OR TRACT
Reno Beach/Howard Farms Area Subdivisions Howard Farms Plat 2 Lakeshore Howard Farms Plat 1,5 Reno Lakeland Beach Lakeshore (The Curtis Realty Co Record 1920) Reno Beach Lands Lakeshore Reno By The Lake Plats 1,2,3,4 Lakeshore Reno By The Lake Plats 5 Reubens Repl Reno Gardens Reno Farms	JERUSALEM TWP.OREGON CSD Reno Lakeland Beach Renge Town Stet. Qtr. Lot Block Sub. Aerrel PROPERTY DESCRIPTION 3 3 3 3 3 3 3 3 3 PROPERTY DESCRIPTION 3 3 3 3 3 PROPERTY DESCRIPTION Bike Date Owner RECORD OF TRANSFER Other Street Address City-State 7-22-20 The Curtis Rt'y Co
(Record 1923) Murphy's Addition to Bono Hartenfeld Addition Berwynn Curtice Area Subdivision Ingraham (Record 1940) North Curtice Gardens	DOITION-GRANT OR TRACT Ingraham Subn (Ingraham Subdivision) PROPERTY DESCRIPTION Frontage Depth GRANDING BB4
LOCAL GOVERNMENT REHAB PROGRAM FOR EXIST Jerusalem Township works hand in hand with The Lu County Land Bank to revitalize properties. The Lucas is a non-profit organization that partners with local g control of vacant, abandoned, and tax overdue prop transform those properties into green, healthy, occu ones. Every step of the process, we're dedicated to i future of our region. The quality of life for our reside	Aucas a County Land Bank governments to take perties. Then, we upied, and tax-paying improving the economic

Mission

The Lucas County Land Bank strengthens neighborhoods and preserves property values by strategically returning vacant, abandoned, and tax-delinquent properties to productive use through an open and equitable process.

FUTURE OUTLOOK & NEEDS

The people and housing data collected for the 2021 Plan Update indicate a growing need to maintain property values and the character of existing neighborhoods.

JTWP future outlook should embrace the early pioneers' vision around these areas Reno/Howard Lakeshore, Curtice small farm town living, and capitalize on new areas such as Maumee Bay Golf/Beach area. These residential neighborhood areas and amenities are "highly sought after" in most communities.

Maintain cost of living standards while improving housing values to attract families and businesses to the community.

Enhance and improve working with the Lucas County Land Bank program to identify, renovate, improve homes and business opportunities.

What Residents had to Say!

Jerusalem Township is a peaceful, friendly community that prefers single family residence development over apartment complexes.

Over 70% of our respondents said they choose to live here because of the location.

Over 71% of respondents said addressing neighborhood/property blight and nuisance issues is a medium or high priority.

One of the Residents Public Survey requests was better Beach Access and Lake-Shore improvements.

PEOPLE & HOUSING PLAN INITIATIVES

- 3.1 Embrace the Reno/Howard "Vision" Improving Lake Shore / Beach Access by working with the Reno Beach Howard Farms Conservancy District to implement signage and removable steps.
- 3.2 Re-envision the subdivisions that were created to provide lake side elevated single-family homes.
- 3.3 Embrace the Curtice "Vision" Peaceful Small Farm Town living by identifying lots available for single family housing.
- 3.4 Embrace the most recent development Maumee Bay Golf & Public beach area by identifying land available for single family homes
- 3.5 Monitor the health of existing neighborhoods. Identify and prioritize where Township resources should be targeted to strengthen neighborhoods.
- 3.6 Identify Neighborhood area opportunities and work with Lucas County planning to build infrastructure to provide single family housing for families.
- 3.7 Promote Township amenities and assets in order to attract and retain new residents and businesses.



QUALITY OF LIFE OVERVIEW

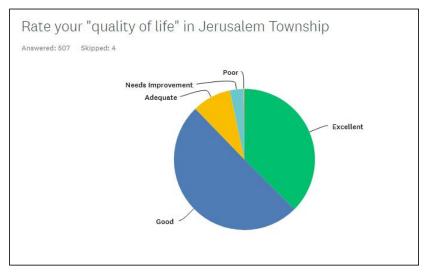
Residents have identified the Township's schools, parks, recreation, green spaces, and public services as key aspects of the overall quality of life. The one word that best describes Jerusalem Township is "*Peaceful*".

GOALS

> Residents will maintain a high quality of life that includes quality schools, outdoor activities, religious offerings, and a diverse park, open space, green space, and recreation system.

> Jerusalem Township will have a unique image that can be marketed to the region and the nation and is part of an overall identity.

>Jerusalem Township will be a community that strives to be sustainable and resilient in its practices by balancing the demand for development and activities with the needs of our environment, recognizing that what we as a community accomplish today will affect future generations of Township residents and businesses.



WHY JERUSALEM TOWNSHIP?

- > Excellent school system
- > Growing hiking and biking trails
- > Ability to live near Lake Erie with great water recreation opportunities
- including Boating, Fishing, Swimming, and Kayaking.
- > Excellent open green spaces for Bird watching
- > Great community with parks and recreation that create a safe and stable environment



EDUCATION SYSTEM

Schools

Jerusalem Township is part of the Oregon City Schools (OCS) system.

Clay High School (9-12) 5665 Seaman Road, Oregon, Ohio 43616

Fassett Jr. High (7-8) 3025 Starr Ave., Oregon, Ohio 43616

Eisenhower Intermediate (5-6); located within Jerusalem Twp. 331 N. Curtice Rd, Curtice, Ohio 43616

Jerusalem Elementary School (K-4); located within Jerusalem Twp. 535 S. Yondota Road, Curtice, Ohio 43412

Coy Elementary (K-4) (Not Pictured) 3604 Pickle Rd, Oregon, Ohio 43616

Starr Elementary (K-4) (Not Pictured) 3230 Starr Ave., Oregon, Ohio 43616

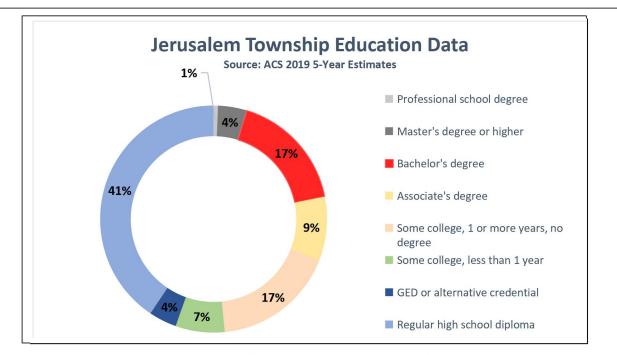


WIGHT IN EMPLOYMENT



The charts below show Education data enrollment history for the Oregon School System, what percentage are High School Graduates and what percentage complete Higher Education.

School	FY2000*	FY2010*	FY2020^	% Change from FY00 - FY20
Clay High School	1238	1254	1186	-4%
Coy Elementary School	401	506	347	-13%
Eisenhower Intermediate School	413	471	587	42%
Fassett Jr. High	506	487	583	15%
Jerusalem Elementary School	437	278	356	-19%
Starr Elementary School	583	621	458	-21%
Wynn Elementary School	253	305	0	-100%
Total	3831	3922	3517	-8%
 * FY2000 and FY2010 - K-5 Elementary ^ FY2020 - K-4 Elementary (3 buildings) 			ett)	
Notes:				
Data will not be comparable to look at	by building over 20	years for two reaso	ons:	
1. Wynn Elementary closed at conclusi	on of FY11 (any stud	dents currently serv	ed there are cou	nted in numbers at other 6 building
2. We realigned grade levels at the san	ne time so elementa	ary went from K-4 to	o K-5; Eisenhowe	r became 5-6; Fassett became 7-8

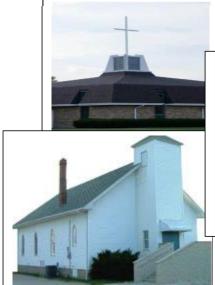


WORSHIP FACILITIES

St Luke's Lutheran Church 20 S. Yondota Road, Curtice, Ohio 43412

Our Lady of Mount Carmel 1105 Elliston Rd, Martin, OH 43445

Bono Baptist 967 Main St, Martin, OH 43445





PARKS & RECREATION

"Parks and Recreation" was the #1 answer when asked "What Land Uses would you like expanded?"

Jerusalem Township first passed a Recreation Levy in the late 1990's.

This Levy funds a Recreation Director position, a Recreation Board of Directors made up of members from the community, a portion of youth sports program fees, as well as maintenance and improvements to the recreation field and park under the Board's responsibility. The annual budget is approximately \$45,000 per year. The Recreation Board is responsible for the care of the Recreation Field on Sacks Road which has 2 baseball diamonds, a Pavilion, and grassy space for one Soccer field and one Football field.

The Recreation Board is also responsible for Joseph Verb Memorial Park on Rialto Drive. Joseph Verb Memorial Park has a full basketball court and swings.

The Recreation Board works from a 5-year plan which is due to be updated.

The initiatives that the Recreation Board has recently completed include:

- Installed the first phase of a walking path at the Rec. Field that will, when completed, encircle the entire property.
- Connected the Rec. Field parking lot to Jerusalem Elementary School with a walkway
- Planted trees at the Rec. Field
- Regrading of the baseball diamonds and refreshed with new stone

The Recreation Board is currently working on the following initiatives:

- Collaborating with Jerusalem Elementary School to encourage them to maintain their baseball diamond at the same level of quality as the Township Rec. ball diamonds
- Installation of new bleacher seating for the Rec. Field
- Planning for a future batting cage

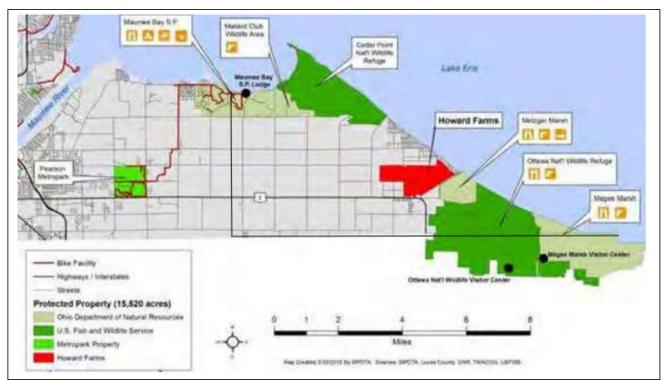
Hiking / Biking / Walking / Kayaking / Canoeing /Swimming / Picnicking / Sledding / Ice Skating / Cross Country Skiing Our residents love the "Outdoors"

GREEN SPACE, WETLANDS & WATER SPACE

Jerusalem Township has 8 parks comprising 6,000 + acres of Park/Wetland

Lucas County Parks: Howard Marsh Metro Park (1,000 Acres)

Ohio State Parks: Maumee Bay State Park, Metzger's Marsh Wildlife Area, Mallard Club State Wildlife Area, Magee Marsh Federal Parks: Cedar Point National Wildlife Refuge, Ottawa National Wildlife Refuge, West Sister National Wildlife Refuge



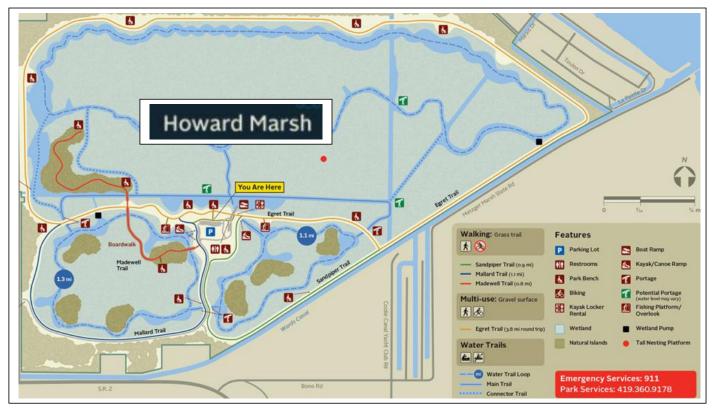


Howard Marsh Metropark

611 S Howard Rd, Curtice, OH 43412

Howard Marsh has six miles of water trail for canoeing and kayaking, and five miles of dike-top trails for hiking and bicycling. The Metropark, which was previously a working farm, is adjacent to Metzger Marsh Wildlife Area in a region that also includes Maumee Bay State Park, Metzger Marsh, and the Ottawa National Wildlife Refuge. Together, these local, state, and federal public lands are known for their concentration of songbirds, or warblers, especially during spring



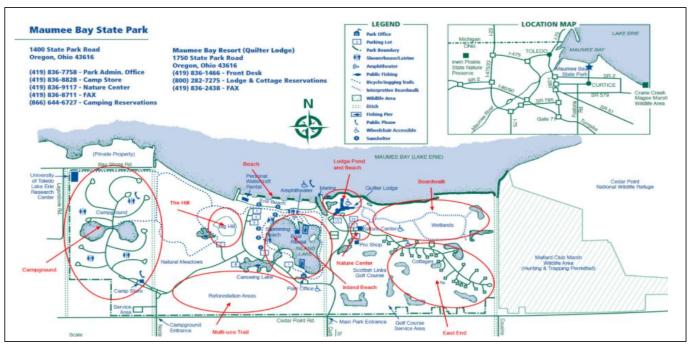


Maumee Bay State Park

1400 State Park Road, Oregon, Ohio 43616

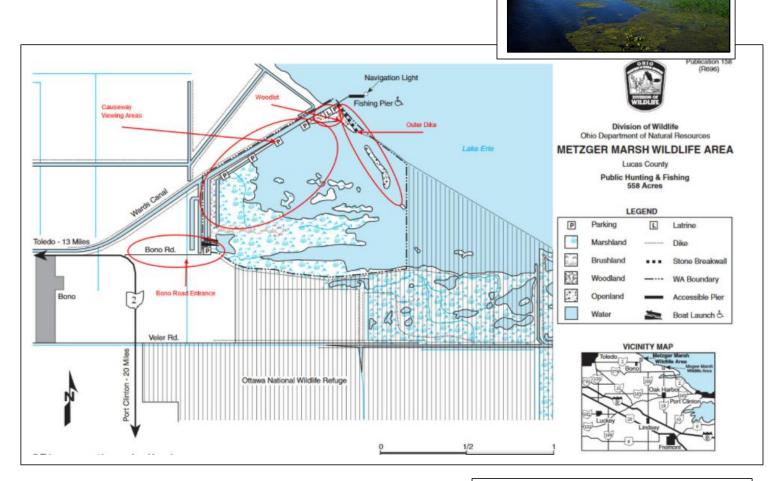
Maumee Bay State Park offers 1336 acres of the finest of recreational facilities in the Midwest in a unique natural lakeside environment for Lake Erie. Developed hiking trails in the park include the Mouse Trail, a 3-mile diverse trail winding through meadows and young woodlands, and several miles of paved combination trails for bicycling and cross-country skiing. Hikers will discover acres of meadow, marshland, and woodland . A 2-mile boardwalk traversing swamp and marsh wetlands has interpretive signs, an observation blind and tower, and wheelchair accessible loop.





Metzger Marsh

This 558-acre wildlife area adjoins 182 acres of Ottawa National Wildlife Refuge creating a 740-acre wetland adjacent to Lake Erie.

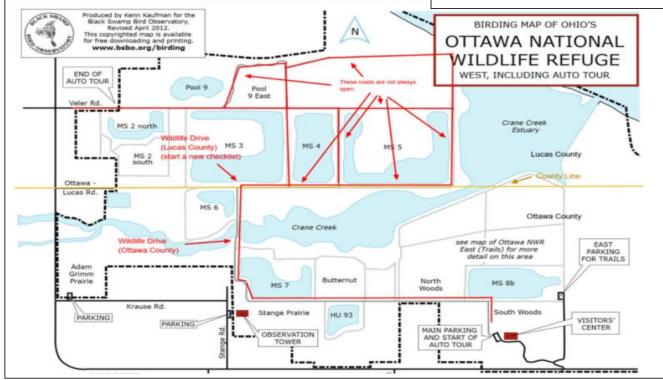


Ottawa Wildlife Refuge

Jerusalem Township runs through the North part

of the refuge. The refuge, itself is about 7,000 acres. This region has Historically been important to fish, migratory waterfowl, songbirds, and shorebirds. Large numbers of migrating songbirds stop in the area to rest during their spring migration. The refuge is an attraction for birdwatching enthusiasts.

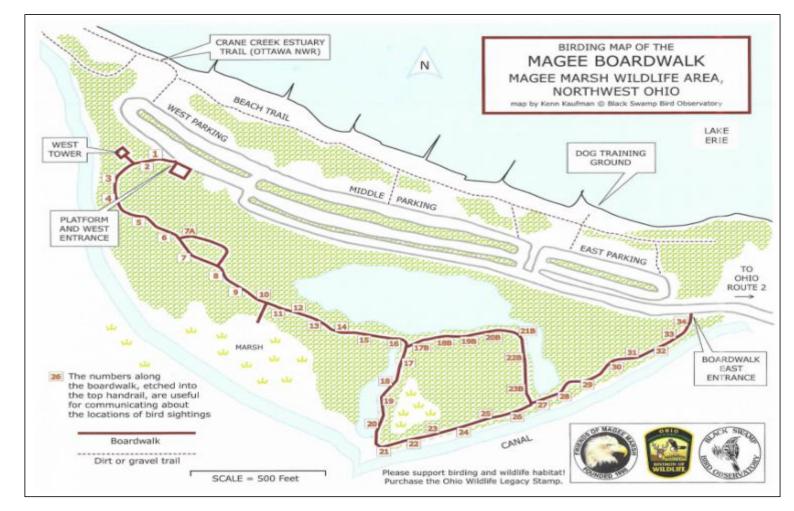




Magee Marsh Wildlife Area

Jerusalem Townships border runs east Through the Ottawa National Wildlife Refuge and through the Magee Marsh. Old Crane Creek Beach and a Dog Training Grounds are in Jerusalem Township. Magee Marsh Wildlife Area is located 6.6 miles east of The Howard Marsh north off State Route 2.





GROUNDS

NOU!

Township Public Beaches

The #1 topic highlighted when asked to "Rate Your Support" was for Waterfront Improvements & Revitalization. There were many, many survey write-in requests for Beach access, handicapped beach access, walkways on dikes, walking trails, pathways to the waterfront, and cleaner beaches.

Private Beaches

Established when the Reno Beach Amusement Company created Lake Shore subdivisions. Reno Beach Lands is a Dedicated Park (Common Area) for Reno Beach Land Residents.

Today several Lake Shore Beach Lots are part of the Reno Beach Howard Farms Conservancy District.





Township Parks

John T. Kennedy Memorial Park

Adjacent to the township fire department complex off State Rte. 2. Received grant in August 2021 to begin wetland project and partnership with Oregon City Schools for an outdoor learning center for Career Technologies curriculum.



Joe Verb Memorial Park

248 Rialto Drive, Curtice, Ohio 43412 Greenspace offers a basketball court and swing-sets.



TOWNSHIP FACILITIES

Jerusalem Township Offices and Hall is a facility offering residents a place to not only take care of business but to also enjoy as a Township amenity. The facility is centrally located in the Township and is home to Township government offices including planning and zoning, fiscal, fire and rescue and public works.

The Township Hall can be rented out for gatherings and parties. The facility capacity is up to 330 persons without tables and chairs or 154 with tables and chairs.

Maumee Bay Lodge and Conference Center 1750 State Park Road #2, Oregon, Ohio 43616

The previously described Maumee Bay State Park area Includes a Lodge and Conference Center available for rental. Choose from eight function rooms for your indoor meeting space and event planning needs on the campus of Maumee Bay State Park.



More *"Community Public Spaces "*was the second most frequent response to the survey question asking to "Rate Your Support". The Jerusalem Town Hall provides an indoor venue for rental. The cost to rent the hall in 2021 was \$150 for residents with a \$150 refundable security/cleaning deposit. For nonresidents, the rental cost is \$250 with a \$250 refundable security/cleaning deposit. The Township generously makes the facilities available for civic groups free of charge (Cub Scouts, 4H, etc.). Survey respondents also expressed interest in a Community Pavilion or some type of outdoor place to rent with space to gather.

COMMUNITY EVENTS

The survey feedback indicated interest in an increase in planned activities and community events to keep people engaged and to build community pride. The survey also revealed an interest in increased opportunities for organized activities for teens and kids.



FUTURE OUTLOOK & NEEDS

Continuing to maintain and improve the quality of life in Jerusalem Township will require long-term goals and strategies that will involve both physical improvements of facilities and shorter-term strategies of promotion of services and enhancement of activities.

Clearly, the residents of Jerusalem Township live here because it's more rural, and further away from modern day conveniences like big businesses. They enjoy increased nature opportunities and do not want increased industry or large commercial retail.

However, they would like to improve upon the level of their Quality of Life while living in Jerusalem Twp. Many identified the lake front as the #1 asset to this community, and improving the access to this natural resource would be in the best interest for the community to expand its opportunities, i.e., tourism and beach lake access (based on survey results)

Prioritize the most important topics for improvement based on community responses: #1 Waterfront Improvement & Revitalization

- #1 Waterront Improvement & Revitalizat
- #2 Improved Recreation Activities
- #3 Improved Connectivity through Biking & Hiking Trails

What Residents had to Say!

Residents rated their "Quality of Life" in Jerusalem Twp as Good (50%) and Excellent (37%).

#1 topic highlighted when asked "Rate Your Support" for Quality-of-Life topics went to Waterfront Improvements & Revitalization. There were many, many survey write-in requests for improved Beach Access; handicapped Beach Access, Walkways on dikes, Walking trails / pathways to waterfront, cleaner beaches, etc. Also, the Best Opportunity and Offering rating in Jerusalem Twp went to waterfront access to Lake Erie.

Survey results indicated that when asked about township Land Use expansion, the #1 answer was Parks & Recreation with 70.7% and the #2 response was Community Public Spaces with 56.8%. Respondents expressed strong opposition to apartments, condos, and industrial expansion.

For Parks & Recreation, residents requested increased Planned Activities and Community Events to keep people engaged, build community pride, and provide increased opportunities for organized activities for teens and kids.

There were a high number of requests to connect bike / walking trails from Jerusalem Twp to MBSP or up Seaman Road to connect through Oregon.

Other activities people are interested in per survey results include: Pickleball, Skatepark, and Horse Trails.

Many residents commented on the lack of care to current public parks (Joe Verb Memorial Park). Upgrades are needed and additional upkeep is necessary. It was also suggested to add playgrounds and fix courts. The community needs safe places for kids to gather and play.

Survey results indicated a request for Community Public Spaces to gather, i.e., Community Pavilion.

QUALITY OF LIFE PLAN INITIATIVES

- 4.1 Recognize the Township Hall and John T Kennedy Park area as the focal point of Jerusalem Township.
- 4.2 Continue to collaborate with the Oregon City School District, in order to preserve and enhance the excellent school and community.
- 4.3 Expand Park amenities to include a kids playground area in the John T Kennedy Park and improve the Joe Verb Park.
- 4.4 Promote programs and partnerships that will contribute to our community through stewardship, spirituality, and education.
- 4.5 Work with the Oregon/Jerusalem Township Historical Society to identify any imminent needs related to historical resources and sites and promote such sites for Jerusalem Township.
- 4.6 Implement and enhance gateway features that identify Jerusalem Township; signage, beautification, etc.
- 4.7 Strategic Plan for Waterfront Improvement & Revitalization with residents and protected waterfront areas.
- 4.8 Strategic Plan and budget for Parks and Recreation Dept. infrastructure, personnel, and programming.
- 4.9 Trail Task Force to investigate connectivity opportunities, grants, and legal right of ways.

5 LAND USE, DEVELOPMENT & ZONING



LAND USE & DEVELOPMENT OVERVIEW

A key component of a comprehensive plan establishes a vision for the prospective physical development in the form of a future land use plan and related development policies. The Jerusalem Township Future Land Use Plan is accompanied by a development character framework and guidelines for decision makers when evaluating potential development opportunities in the Township.

Land Use and Development Goals:

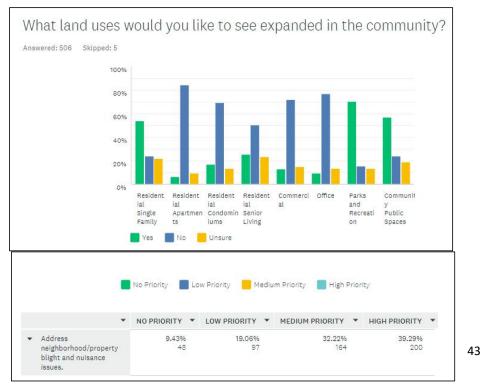
- 1. Jerusalem Township will be a well-planned community with a mixture of agricultural uses, residential neighborhoods, and commercial centers balanced with public uses, parks, and recreational opportunities.
- 2. The historical resources of Jerusalem Township will be protected for future generations.
- 3. Jerusalem Township will continue to initiate plans and studies related to the community as necessary to adhere to the guidance and intent of this comprehensive plan.
- 4. The Riparian areas and Lake Erie waterfront will be preserved as a major natural resource in the community that is valued for its natural beauty, recreational qualities, and limited development influences.
- 5. Lake Erie and adjoining wildlife areas will be a regional economic generator with a mixture of business activities focused on fishing, birding, and other outdoor recreational pursuits.



> Jerusalem Township will be a wellplanned community with a mixture of agricultural uses, residential neighborhoods, and commercial retail balanced with plenty of public uses, parks, and recreational uses.

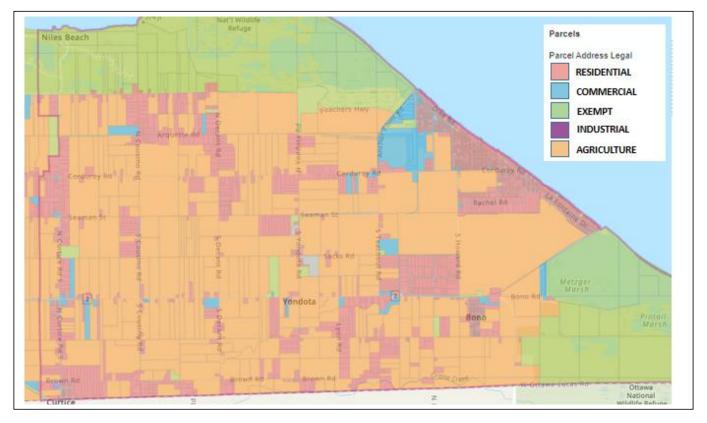
> The historical resources of Jerusalem Township will be protected for future generations.

> Jerusalem Township will continue to undertake detailed plans and studies related to specific topics and geographic areas of the community as necessary to adhere to the guidance and intent of this comprehensive plan.



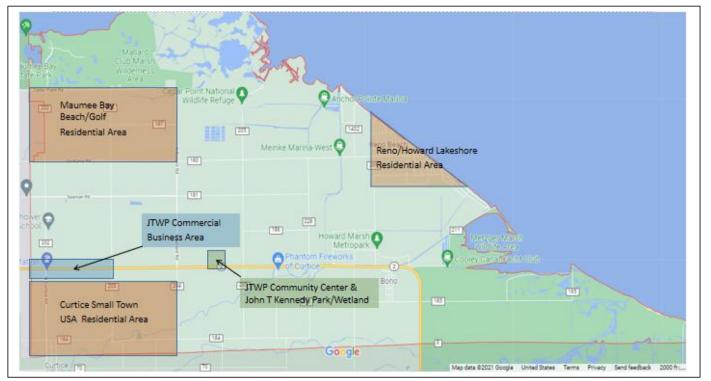
LAND USES & MAPPING

The future land use plan incorporates the recommendations of previous and current planning efforts. The future land use plan also recognizes the influences of major developments and trends in the community. For example, the new commercial development at SR2 and North Curtice within the 1.5-mile commercial corridor on SR2 is an effort to concentrate limited commercial development in an easily accessible but non-residential area. An aging population is beginning to push for some alternative housing opportunities beyond single family detached housing in order to reduce maintenance responsibilities and increase socialization opportunities. Future development hinges on infrastructure development such as sewer, water, gas, communications, and broadband services.



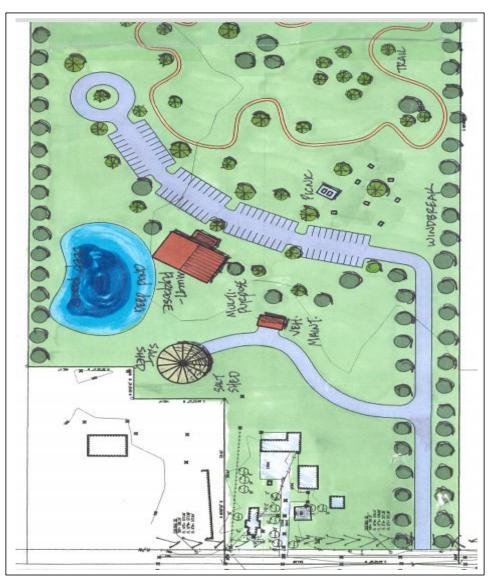
Jerusalem Township current Zoning mapping

Jerusalem Township Future Proposed Land Use Map



TWONSHIP CENTER (COMMUNITY CENTER)

Jerusalem Township Old Proposal included a Community Center / John T Kennedy Park/Wetland. Residents input from the Public Survey stated a "*need for a Community Center*"



AR

R-1

AGRICULTURAL USES

AGRICULTURE/RURAL RESIDENTIAL

Low –density, single-family detached housing and agricultural uses along with related compatible uses that are generally associated with a rural environment. In Jerusalem Township, these uses are within the designated floodplain where high density uses of any type are inappropriate.



RESIDENTIAL USES (Single/Multi Family, Seasonal/vacation, Farmstead)

SINGLE FAMILY RESIDENCE

Low-density detached housing and related compatible uses with public water and sanitary sewers



MULTI-FAMILY RESIDENCE **R-3** High-density attached housing and related compatible uses. NONE AT THIS TIME

Proposed

C-1

C-2

M-1

OS/P

TRANSITIONAL RESIDENTIAL USE Moderate-density detached housing, low-intensity office uses (such as the conversion of a single-family residence),

and related compatible uses (excluding retail and industrial), that provide a transition between residential uses and other

COMMERCIAL USES

types of development.

NEIGHBORHOOD RETAIL

Low-intensity neighborhood-oriented retail and service uses that provide a transition between residential uses and other types of development or that achieve compatibility and service appropriate to the adjacent residential neighborhood.

GENERAL RETAIL

Community and regional-oriented business uses that tend to locate along streets with relatively high traffic volume. These areas may also include mixed-use developments that integrate retail commercial, service commercial uses, office space, and residential dwellings. Residential dwellings should only be located on second floors or behind nonresidential buildings.

WATER & MARINA USES

RECREATION COMMERCIAL (MARINA/CAMP) RC Areas designated to have mixed-uses oriented towards tourism, boating, camping and related uses with local neighborhood access.

INDUSTRIAL USES

LIGHT INDUSTRY

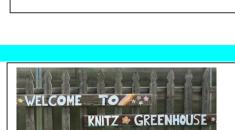
Smaller scale industrial uses such as warehouses, storage, limited manufacturing, research and development, transit terminals and wholesaling activities in enclosed facilities without offensive emissions or nuisance.

PUBLIC & OPEN SPACES

PARKS & RECREATION & OPEN SPACE

Public and private parks, playgrounds, private open space, public green space (excluding Township-owned Greenspace), golf courses, and other recreational uses.

PROPOSED









WEINKE MARINAWest

Taraine's Land



TOWNSHIP GREENSPACE

Proposed

Township-owned land, water, or wetlands not for the purpose of recreation, but for the purpose of protecting and preserving the natural, scenic, open, or wooded condition of land, water, or wetlands against modification or encroachment resulting from occupation, development, or other use.



CREEK CONSERVATION (RIPARIAN)

Proposed

A proposed conservation area that extends 250 feet from the normal high-water mark. The primary use of this area should be passive recreational activities including hiking, fishing, etc. with an emphasis on protecting the natural features and vegetation. Buildings should be excluded from this area.

SUBDIVISION & FLOOD ZONE REGULATIONS

General Land Use

When faced with land-use related decisions, decision makers should consider the following guidelines. > All new development or redevelopment should reflect the foundational goals of this Comprehensive Plan. The goals provide broad guidelines for all decisions.

> Density and development standards should be evaluated in a case-by-case manner in accordance with the character of the neighborhood. These areas are defined by the Future Land Use Plan.

> Unless otherwise noted, lot sizes and subdivisions should be compatible with adjacent developments in terms of lot sizes, density, character, and scale. New development or redevelopment should not be detrimental to the general character of the surrounding neighborhoods.

> New development should take into consideration that the development of vacant or agricultural use of previously undeveloped land will result in some level of increased traffic and/or impacts on community services.
> If the overall proposed development is compatible with adjacent developments, flexibility should be given in the actual lot size and site layout when environmental resources (e.g., river conservation area, floodplains, and steep hillsides) are preserved. Flexibility should be given even if the preserved areas would otherwise be considered as "unusable" or "undevelopable" under standard development procedures.

> Sidewalks and walkways should be encouraged within any development and connect to adjacent sidewalks, mass transit stops, shopping, parks, institutional or other nonresidential uses and services.

> Landscaped buffers should be used as a natural separation between developments of different intensities (e.g., between a multi-family apartment building and a single-family subdivision).



TRANSITIONAL RESIDENTIAL USE

> Ensure proposed use reflects the foundational Comprehensive Plan goals. The goals provide broad guidelines for all decisions.

> Maintain the residential character of the structure through the preservation of the front and side façades.

> Maintain the front yards of these uses as yard space and do not convert to parking or other service uses beyond what is permitted for a typical residential use.

> Ensure the overall density of the development is compatible with adjacent developments in terms of lot sizes, density, character, and scale.

> Proposed uses may include attached residential housing units, provided that the units are attached alongside walls and are not stacked condominiums or apartment buildings with separate units on different floors. In cases of attached units, the building facades should be staggered or offset, and the rooflines should help distinguish the individual units.

TRANSITIONAL RESIDENTIAL

> The proposed use reflects the foundational goals of the Comprehensive Plan. The goals provide broad guidelines for all decisions.

> Ensure the overall density of the development is compatible with adjacent developments in terms of lot sizes, density, character, and scale.

> The proposed uses may include attached residential housing units.

> Sidewalks and walkways should be provided to connect the development to adjacent sidewalks, mass transit stops, shopping, parks, institutional or other nonresidential uses and services.

> Landscaped buffers should be provided along boundaries with residential subdivisions.

> This proposed use will provide higher density housing options for millennials and empty nesters.

FUTURE OUTLOOK & NEEDS

Jerusalem Township has always been proactive in its planning efforts since the 2001 Township-wide Comprehensive Plan. The Township now hopes to pursue individual area plans. These individual areas include Curtice, Reno Beach, Bono, Maumee Bay, Marinas, and the Commercial SR2 corridor. These area plans focus on specific land use issues and geographic areas.

The Township should continue to pursue these types of planning efforts and evaluate how Township zoning regulations limit or encourage desired land use and character.

The following land use and development plan initiatives identify some potential future efforts that will help implement the related goals and policies.

What Residents had to Say!

Enforce Zoning regulations to clean up poorly maintained properties & protect property values

Beautify and take pride in the community & improve township image through Zoning education.

Waterfront improvements / revitalization

Preservation Agriculture and Minimize Sprawl

Evolve Zoning efforts to support public participation feedback through additional input and education.

LAND USE & DEVELOPMENT PLAN INITIATIVES

- 5.1 Develop area plans that address specific areas of the Township from public survey input. Update zoning maps to align with identified Residential Neighborhoods, Community Center / Park and Commercial District Area
- 5.2 Implement recommendations of the comprehensive plan and any area plans adopted by the Township.
- 5.3 Continue to evaluate and update this plan on a regular basis to ensure that it remains a current representation of the Township's vision and coordinates with regional planning efforts.
- 5.4 Communicate and coordinate with neighboring communities to address mutual land use impacts.
- 5.5 Lobby for improvements that will allow the Township to achieve the goals and objectives of this plan.
- 5.6 Protect single family neighborhoods from higher intensity uses by implementing landscape buffers or the development of transitional uses.
- 5.7 Balance land uses in a manner consistent with the economic and aesthetic priorities identified in this plan Example: Marinas
- 5.8 Enhance and encourage support of local and regional businesses in the Township.
- 5.9 Facilitate infrastructure enhancements to the Curtice area that will help increase development opportunities for the Township, while minimizing environmental impacts.
- 5.10 Balance the preservation of Crane Creek, Cedar Creek and Wolf Creek as a natural resource while supporting recreational uses that have minimal impact on the scenic quality of the creeks.
- 5.11 Preserve floodplain areas for safe flood control in accordance with local, state, and federal laws



AGRICULTURAL, NATURAL & ENVIRONMENTAL COMPONENTS OVERVIEW

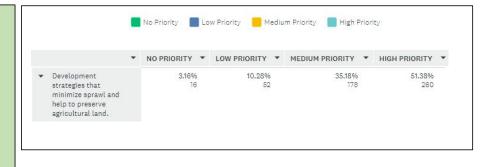
Jerusalem Township offers a diverse landscape ranging from rural farmland to various wildlife areas and parks along the shores of Lake Erie. Some of the wildlife areas and parks in the community include Maumee Bay State Park, Cedar Point National Wildlife Refuge, Metzger Marsh Wildlife Area, Ottawa Wildlife Refuge, and Howard Marsh Metropark. Much of the habitat in the township's wildlife areas are beneficial wetlands.

Agriculture plays a key role in the identity of Jerusalem Township. Farming has a large economic impact in the township and provides a fulfilling lifestyle for many residents. The main crops grown throughout the township include soybeans, corn, wheat, and hay/alfalfa. Modern farm practices have improved efficiency and lessened environmental impacts. Advances in technology, no till planting, weed management practices, and improvements in soil health management have been key in increasing production while leaving a minimal imprint.

GOALS

>The vast natural and environmental resources of Jerusalem Township will be protected for future generations

>The flooding nature of Jerusalem Township will be managed, and risk mitigated to protect residents and minimize asset loss.



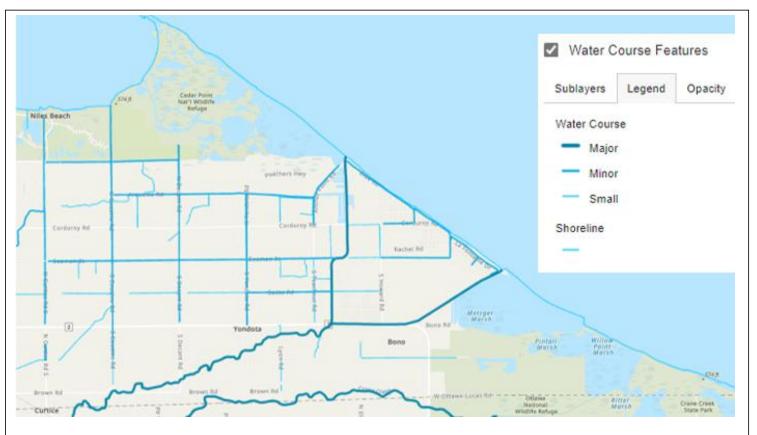
LAKE ERIE WATER & STREAM RESOURCES

The Lake Erie western basin average depth of 24', warms rapidly in spring/summer and frequently freezes over in winter.

Jerusalem Township is abundant in its water resources. Being on the Shores of Lake Erie, Jerusalem Township offers a great amount of aquatic recreation. Many people utilize area marinas to enjoy boating and fishing on the lake. Site seeing and photography along the shore of places like Maumee Bay State Park is also popular.

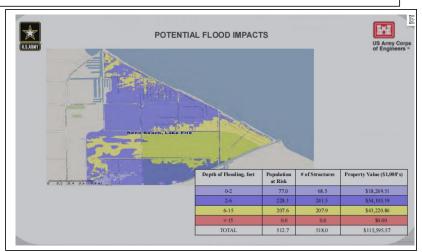
There are various man made and natural waterways throughout the Township. The area occupied by the township was once part of the Great Black Swamp. Ditches were dug to make it usable as farmland. Canals within the township include Coolie & Ward canals. Creeks that run through the township are Cedar & Crane Creeks.

Jerusalem Township Water Courses: Cedar Creek, Crane Creek, Wards Canal, Coolie Canal, Drainage Ditches.



FLOOD PLAINS & CONSERVANCY DISTRICT

A large portion of Jerusalem Township is located within the zone of a 100-year floodplain. A floodplain is an area that has the statistical probability of 1 percent of flooding in any given year. This gives the average chance of a flood once in every 100 years, though these flood events may happen more often. The National Flood Insurance Program will use the 100-year flood risk to determine areas that require flood insurance. Floodplains offer a broad area to spread out floodwater which in turn can hold excess water and slow down water velocity. This will reduce erosion damage and help regulate large volumes of water.





RENO BEACH/HOWARD FARMS CONSERVANCY DISTRICT

The Reno Beach/Howard Farms Conservancy District (RBHFCD) was established under Ohio Revised Code Section 6101 (<u>https://codes.ohio.gov/ohio-revised-code/chapter-6101</u>) for the purpose of reducing the risk of flooding for approximately 1,200 acres over 2,287 individual parcels along the Lake Erie shoreline, between the Coolie and Wards Canals. The district generally extends between Coolie Canal to the west, the Wards canal on the east and the Howard Marsh Metropark to the south as shown in the figure below.

Flood Control

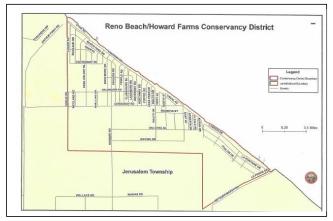
The original flood control works were constructed by local interests beginning in 1902 and extending to 1943. Governmental assistance was provided in 1973 when the Corps of Engineers launched a large-scale effort to provide protection against flooding along the shore. A permanent Dike was constructed in 1993. While the dike was designed to be a permanent dike, it requires continued inspection and maintenance. By order of the Lucas County Court, the two Conservancy Districts were united in 1993.

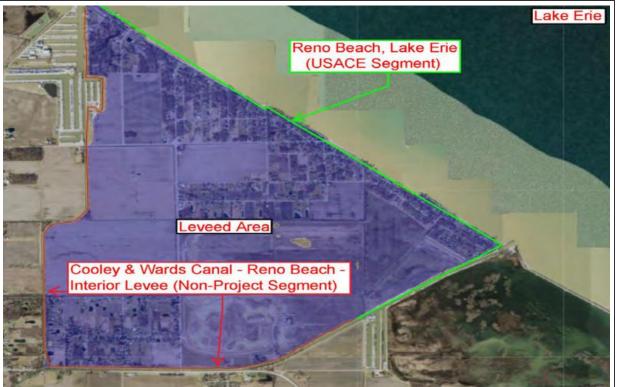
The Non-Project (Legacy Dike) Segment as defined by the USACE (see Non-Project Segment Below) is identified as an urgent concern for flooding inside the Conservancy District.

District Board

The flood control works consist of a series of protective levees along the perimeter of the RBHFCD and multiple stormwater pumping stations. Based upon information available through the Federal Emergency Management Agency (FEMA), US Army Corp of Engineers (USACE) and National Oceanic & Atmospheric Administration (NOAA), the top of the existing levee system surrounding the district varies from a low point elevation of 575.8 to a high point of 582.8 and the existing lands behind the levee system range from 568.0 to 574.0. FEMA indicates that the 1% annual chance exceedance (ACE), or 100-year flood elevation for this area is 578.0. It is currently estimated that damages in excess of \$100MM and potential loss of life could occur if a 1% (100-year), or greater, flood were to occur in this area.

The RBHFCD is managed by three (3) Directors appointed by the Lucas County Court of Common Pleas in accordance with ORC6101. The Board Members are each appointed to 5-year, staggered terms. In addition to operating and maintaining the levee and pumping systems, the RBHFCD works collaboratively with Township, County, State and Federal Agencies to create, refine and implement an Emergency Action Plan (EAP).





WETLANDS & WILDLIFE HABITAT

A wide variety of wildlife habitat is prominent in Jerusalem Township. Wildlife areas include Maumee Bay State Park, Cedar Point National Wildlife Refuge, Metzger Marsh Wildlife Area, Ottawa Wildlife Refuge, and Howard Marsh Metropark.

Wetlands are an important type of habitat in Jerusalem Township. A wetland is an area of land that is saturated year-round or seasonally. Some of the benefits of a wetland include filtering sediments and other contaminants from water and acting as a reservoir to reduce flooding and erosion in coastal areas. Two types of wetlands are coastal marshes and swamps. Coastal marshes exist where the lake transitions from aquatic to terrestrial habitats and usually remain flooded. Swamps are forested wetlands, which was a predominant habitat before the Great Black Swamp was drained. Wetlands provide homes to a variety of wildlife. Some fish spawn in wetland areas and many coastal and migrating birds use the areas as resting grounds.

Jerusalem Township Wetlands



ENVIRONMENTALLY SENSITIVE & ENDANGERED SPECIES

Jerusalem Township is home to several sensitive species. Though there are abundant wetlands with many species of plants and animals in the area it can be threatened by outside interference and contamination. Listed below are species that are state or federally threatened or endangered in the township according to the U.S. Fish and Wildlife Service and Metroparks Toledo.

Mammals Indiana Bat Northern Long Eared Bat Birds Kirtland's Warbler Piping Plover Red Knot Lark Sparrow Bald Eagle (Not Endangered, but p under Bald and Gold Eagle Protect Reptiles Eastern Massasauga







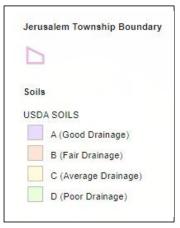
SOILS & MINERAL RESOURCES

Most of the soils in Jerusalem Township fall under the category of Latty-Toledo-Fulton Association. This type of soil was formed from clayey glacial lake sediment. The soils in the area are level to slightly sloping and have poor drainage. The permeability of the soil is slow, and runoff is slow or ponded. Organic material in the soil is moderate. Much of the soils are classified as prime farmland. According to the U.S. Department of Agriculture, "prime farmland has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops." Common crops that are best suited for Latty-Toledo-Fulton Association are corn, soybeans, and small grains such as wheat. Though ideal for farmland, the soils are limited for building site development and sanitary facilities. This is due to a seasonal high-water table and the hazard for ponding. The soil is also prone to shrinking and swelling which may cause issues for basements.

Soil health is defined as how well soil does what we want it to do. Healthy soil gives us clean air and water, bountiful crops and forests, productive grazing lands, diverse wildlife, and beautiful landscapes. More farmers are managing for soil health by disturbing their soil as little as possible, growing as many different species of plants as practical, keeping living plants in the soil as often as possible, and keeping the soil covered constantly. Soil is a living and life-giving substance, without which we would perish.

Jerusalem Township's Soil composition is predominately D (Poor Drainage)

We do not see B (Fair Drainage) until you reach Brown & Coy Road area. Drainage has been an ongoing battle within the township. Great strides to improve drainage for residents has taken place for many years. A forward looking capital improvement strategy will support our township's residents & businesses.



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Jerusalem Township Soil Composition Map

FUTURE OUTLOOK & NEEDS

Community feedback from the Jerusalem Township Public Participation Survey compiled in the summer of 2021 is instrumental in determining the direction the township should move. Residents find the township's image to be important and largely believe in maintaining the rural lifestyle.

According to the survey, about 87% of the residents see a medium to high priority to develop strategies that minimize sprawl and preserve agricultural land. Along with that about 85% of residents see a medium to high priority to limit building density to key locations to conserve land resources. Agriculture is a key industry in the township, so land preservation is important. Land being enrolled into agricultural districts offers protection from nuisance suits, defers costly assessments on farmland, and provides additional security from eminent domain acquisitions.

The survey suggests that about 79% of residents see a medium to high priority for waterfront improvements and revitalization (dikes, signage, walkways, steps, etc.). Being on the shores of Lake Erie is one of our greatest assets. It is important to allow greater access to the lake, but also to promote the ecological health of the area. There is also a tremendous quantity of water that needs to be managed throughout the township. Bank erosion, dike protection, ditch management (cleaning) are all concerns that come with taking care of our waterways.

When residents were asked about land uses that they would like to see expanded in the community, about 71% of residents wanted to see expansion in parks and recreation. Preservation and expansion of parks and recreation in the township will provide more opportunity for people to enjoy the township's rich environmental assets. Some of the top interests of residents surveyed are cycling/hiking, birding, photography, fishing, and kayaking/canoeing. There are great opportunities to enjoy all these activities in Jerusalem Township, so it is important to protect and promote the resources that allow these activities.

What Residents had to Say!

Over 86% of respondents said that "Developing strategies that minimize sprawl and help to preserve agricultural land" was a medium or high priority.

Preserve agriculture and wetlands

Maintain farmland and country living

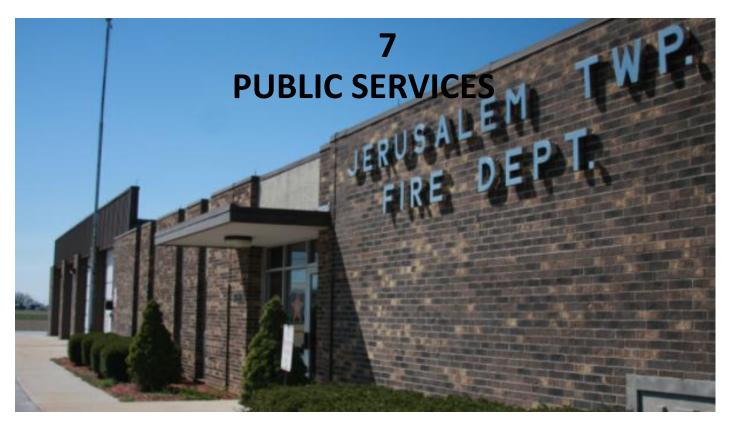
Keep agriculture and wetlands. Preserve these for future generations.

Future Outlook & Need (of RBHFCD)

Several locations along the existing levee system are as much as two (2) feet lower than the 100-year flood elevation of 578.0. Continued improvement and maintenance of the levee system are necessary to minimize the risks of flooding within the RBHFCD. Such improvements may include reconstruction of portions of the existing levees and reconfiguration of the existing stormwater pumping stations. On-going annual maintenance of the levees and existing pumping stations will continue to occur.

AGRICULTURE, NATURAL & ENVIRONMENTAL PLAN INITIATIVES

- 6.1 Work with the RBHFCD to improve and maintain the levee system. Implement water staff gages as necessary to monitor and minimize the risks of flooding within Jerusalem Township.
- 6.2 in Identified Agriculture areas, amend lot frontage to minimize splits to protect agriculture.
- 6.3 Consider the impact to natural and environmental resources with all planning efforts undertaken by the Township.
- 6.4 Update zoning designation to ensure resource protection standards, development, and floodplain regulations.
- 6.5 Encourage recycling and the safe use and appropriate disposal of solid waste and hazardous materials by all generators in the Township.
- 6.6 Preserve and protect the agricultural, natural, and environmental resources found throughout the community including, but not limited to, water resources, trees, vegetation, air quality, and other valuable resources.



PUBLIC SERVICES OVERVIEW

Jerusalem Township has established itself as an agricultural and recreational community for over 100 years. The Township now and in the future offers a variety of high-quality services to its permanent residents and visitors. From State, Metro and Township Parks along with Lake Erie access, to youth recreation programs, Jerusalem Township is a mecca for outdoor activities. With a dedicated and well-trained public workforce, Jerusalem Township consistently strives for collaboration with adjacent communities to enrich the quality of life for its residents.

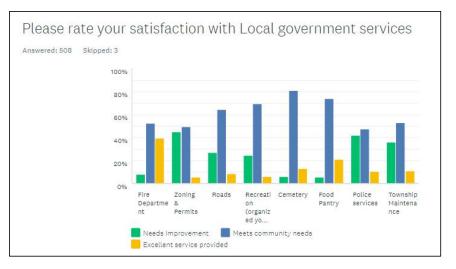
Instead of its own separate police force, the Township relies on the Lucas County Sheriff. The Township should continue to review various options of sharing costs of public services through coordination and cooperation with other groups outside of Jerusalem Township.

The roles and powers of the Township are generally dictated by the Ohio Revised Code. The Ohio Revised Code also limits the Township powers in certain areas such as approving subdivision plans, levying income taxes, and other roles that a city or village may have.

GOALS

> The Township will provide high-quality services in locations that are convenient and accessible to local residents.

> Jerusalem Township will work with appropriate agencies to address needed improvements to the overall infrastructure system in a manner consistent with environmental and aesthetic priorities.



PUBLIC SAFETY FIRE & RESCUE, POLICE DEPT

Jerusalem Township relies on the Lucas County Sheriff's Office for police protection for residents and businesses. Currently, the Sheriff Deputy officers operate out of a substation located at the Township Operations Center at 9501 Jerusalem Road. Increasing housing and development require continued police presence with patrolling officers to ensure a safe community.

The Jerusalem Township Fire and Rescue Department is a highly trained department providing fire protection and emergency medical services to Township residents and businesses. Like other departments and agencies, the department must work within their budget constraints to provide adequate coverage to the entire Township.



PUBLIC INFRASTRUCTURE

The Jerusalem Township Public Infrastructure serves residents by providing quality maintenance of the Township's infrastructure, Township-owned buildings, and the Township's equipment fleet. Whether you enjoy the natural beauty of Jerusalem Township's greenspace, travel the public streets, attend an event in one of the historical or newer Township facilities, or honor the memory of loved ones buried in the Township Cemetery (Oakwood Cemetery) you benefit from the services provided.

Many people say, "development follows the pipe," which means that new development will occur where appropriate infrastructure (sanitary sewer, water, natural gas, etc.) is available. This is as true in Jerusalem Township as it is in any community. The limited amount of development in Jerusalem Township is, in part, due to the lack of access to sanitary sewers, city water, and natural gas service.

JERUSALEM TOWNSHIP INFRASTRUCTURE

Within Jerusalem Township, there are Seven major components to the infrastructure system including:

- > Telecommunications
- > Electric
- > Stormwater Drainage
- > Sanitary Sewers (Limited)
- > Water (Limited)
- > Natural Gas (Limited)
- > Recycling & Waste Mgmt.



Sanitary Sewers

Sanitary sewage is a significant factor in defining what areas a community can or should develop. Where there is a lack of sanitary sewers, property owners must rely on septic systems. A significant portion of the property owners in Jerusalem Township do not have access to a centralized sanitary sewer system.

There are three significant areas of the Township identified that would encourage housing growth Maumee Bay, Curtice and Reno/Howard area if served by a centralized sanitary sewer system. The current proposed sewer expansion for the unsewered area is very costly due to the relatively small number of properties to be assessed. Efforts continue to obtain grants to help reduce the cost of the sewer system but the small number of households over which to spread the cost makes this project the costliest (per household) the County has ever proposed.

Communications

Efficient Emergency Text communications system / Township Message System that pushes messages to residents in a timely manner.

Cell Towers and High-Speed Internet today are an integral infrastructure component to everyday life, work, school, and communication. Jerusalem Township is served by only 2 cell towers and many areas of the Township are well beyond the desired 2-mile maximum distance from a cell tower resulting in inadequate coverage.

Improvements are needed but as a temporary measure, Verizon offers a free 4G LTE Network Extender for homes of Verizon cell customers free of charge. Verizon customers who wish to request one of these Network Extenders should contact Verizon Customer Service at (800) 922-0204.

High Speed Internet is available in most of Jerusalem Township (depending on location) by:

- Spectrum:100 mbps or 1,000 mbps option
- Frontier: call for speed availability
- Viasat: 100 mbps •
- HughesNet: 25 mbps
- Amplex: 50 mbps

Niles Beach

Water

Access to potable water is vital to every type of land use. In Jerusalem Township, most property owners have wells. There are no known plans for improvements to the potable water supply in Jerusalem Township.

Storm Water Drainage

With Jerusalem Township on the shores of Lake Erie the township has continuous issues with stormwater drainage. As new development occurs, there is less ground to absorb water and more hard surfaces (streets, buildings, driveways, etc.) that channel water away from the natural drainage paths.

Jerusalem Township continues to address problems by reviewing stormwater drainage, ditches, pumping stations, and building during high water events.

Natural Gas

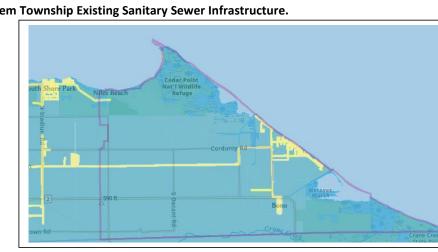
Natural gas is often a desired infrastructure amenity but is not required for some types of development. A significant portion of Jerusalem Township does not have access to natural gas and utilizes Propane gas as the primary fuel source. There are no known plans for major improvements to the natural gas system in Jerusalem Township.

Electric

Electricity is a necessary infrastructure component for homes and businesses in the Township. First Energy Corporation is responsible for installing new power lines and upgrading the overall system. There are no current plans nor apparent need to upgrade the power system in Jerusalem Township.



Due to Jerusalem Township's Poor Drainage, sewage has been an ongoing concern. In 2001 a combination of government grants and loans totaling \$7.4 million was used to construct a Sanitary Sewer into Jerusalem Township to reduce potable and beach water pollution. The US Dept of Agriculture, State agencies and Lucas County contributed towards the project. Jerusalem Township's portion was \$200,000. Most of Jerusalem Township is unsewered with most residential and commercial sewage treated by onsite septic systems and package treatment plants. The Toledo Lucas County Health Department estimates there are approximately 1,200 septic systems in Jerusalem township. According to the TMACOG Areawide Water Quality Management Plan (also referred to as the 208 Plan after that section of the Clean Water Act), package plants and failed septic systems continue to present major challenge for Jerusalem Township





Identified Critical Sanitary Sewer Areas

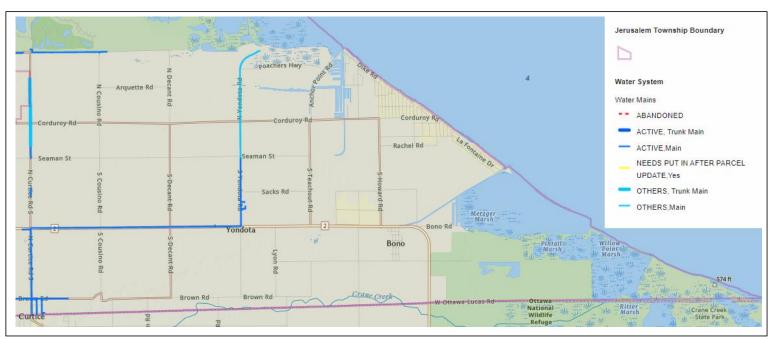


A meeting was held on July 14, 2020 with the Ohio EPA, Ottawa County and Lucas County to have an in depth discussion of the plan moving forward. Ohio EPA appreciated the position statement submitted by Ottawa and Lucas Counties. The position statement proposed a sanitary survey of Curtice and Williston to be completed by Ottawa and Lucas County Health Departments as well as request the Ohio EPA to complete a thorough water quality modeling analysis of Cedar and Crane Creeks. An estimated timeline of two years was projected to complete the sanitary surveys and water quality modeling analysis. The Ohio EPA issued and entered the Director's Final Findings and Orders on May 25, 2021 to submit a Home Sewage Sanitary Survey Plan for the Curtice/Williston Areas for Ohio EPA's review and approval. The Home Sewage Sanitary Survey Plan's goal shall be to document the type of system serving each home in the Curtice/Williston Areas and its environmental performance. The Home Sewage Sanitary Survey Plan shall be implemented within two years of the plan's approval by Ohio EPA which can be modified upon written agreement of all Parties.

Lucas County Health Department (the Health Department is responsible for all on-lot septic systems) recently shared information with the Township regarding alternative systems such as aerobic systems (which take up far less space than a leach field). These alternative systems are indeed acceptable for use in Lucas County, but they are considered "last resort" systems. These Aerobic Treatment Units (ATUs) are generally three chambered and the waste is treated and disinfected inside the unit, then discharged harmlessly into creeks or ditches. These are miniature versions of the large municipal sewer treatment plants. Approval: The homeowner must apply to the EPA and secure a MPDS permit for one of these systems. This system requires annual testing, and the permit must be renewed every 5 years.

Maintenance: The ATU system is a high maintenance type of system. It is mechanical and must be properly maintained on a regular basis (electronics, motor, UV light, filters, chlorine tablets, etc.).

Jerusalem Township Existing City Water Infrastructure



CEMETERY

Jerusalem Township has one cemetery within the township named Oakwood Cemetery. It is located on Brown Road between Decant and Cousino on the North side of the road. This cemetery was established in 1912 but by 2019 was almost out of space for new cemetery plots.

There have been ongoing improvements and a new sign was installed for the entrance.

In 2019 a 0.25 mill levy was passed to fund the development of adjacent land purchased to expand the cemetery. The annex development occurred in 2021 and should be completed in 2022.



HEALTHCARE & CHILDCARE FACILITIES

Adjacent to JTWP (20 Minutes or Less)

ProMedica Bay Park 2801 Bay Park DR Oregon, OH

Mercy St Charles Hospital 2600 Navarre Ave Oregon, OH

Thrive Early Learning Center 3530 Seaman RD Oregon, OH

Nourish Early Learning 4320 Navarre Ave Oregon, OH



FUTURE OUTLOOK & NEEDS

As the Township evolves, the need to plan for an increase in demand for Township services will require monitoring of community response to current processes.

The Comprehensive Plan should preserve the quality of neighborhoods, developments, and natural areas. This requires diligent monitoring of the community and continued response to the needs of the citizens

Maintaining Jerusalem Township Law Enforcement presence including Road Patrols.

Development of lakefront access

A future Infrastructure capital improvement plan to develop i.e., sewers, city water, and natural gas for residential and small business growth.

Improved telecommunications

Maintain waste management and recycling programs

What Residents had to Say!

Residents rated the Fire Dept and Emergency Medical Services as Meets and Exceeds expectations.

Current Police Patrol meets expectations. However, the Lucas County Sheriff has indicated that he will discontinue Sheriff Road Patrols and staffing a Deputy in the Township effective 1/1/2023 unless the Township agrees to pay for the service (approximately \$500,000 per year) Consequently, the need to retain Police Patrol in the Jerusalem Township was rated "needs improvement"

Residents want to see more access to natural gas, city water, and sewers.

Residents rated improved communication as a High Priority for the community.

PUBLIC SERVICES & FACILITIES PLAN INITIATIVES

7.1 Improved communication tools for Emergency Notifications and Township Messages for residents.

- 7.2 Communicate Township planning and development efforts and encourage citizen input through public participation surveys.
- 7.3 Jerusalem Township to collaborate with Lucas County and adjoining jurisdictions to maintain adequate patrols and response times for law enforcement services to meet the emergency needs of the township's residents.
- 7.4 Meet or exceed minimum standards for police, fire, and emergency medical services in staffing and response times while balancing the demand for low property taxes.
- 7.5 Maintenance enhancements including township roads, streets, improve intersection visibility / safety and improve Jerusalem Township Hall regular grounds maintenance.
- 7.6 Cooperate and coordinate with Lucas County Sanitary Engineer Dept and the EPA on future planning and improvement of infrastructure, sanitary sewers (alternative aerobic sewer sanitation), city water, natural gas, to enhance development in residential growth areas in conjunction with zoning efforts.
- 7.7 Support the development of state-of the-art telecommunication systems and early warning flood alert system along with other technologies.
- 7.8 Partner with Maumee Bay State Park, Toledo Metro Park District, and Federal Wildlife Preserves to develop community wide recreation, Lake Access, Bird Watching, Kayaking, programs etc. to enhance tourism, and attract families / seniors to visit or live in Jerusalem Township.
- 7.9 Enhance working relationship with the Reno Beach/Howard Farms Conservancy District (RBHFCD), Lucas County EMA, United States Army Corps of Engineers to update the Township's Emergency Plan to enhance Disaster and flood Preparedness.



TRANSPORTATION OVERVIEW

The transportation network provides the routes to work, play, learn, worship, and communicate with friends, family, and neighbors. The 2021 Plan focuses on two major components of the transportation network: streets, and non-vehicular transit (bike paths). Due to the rural nature of our Township, mass transit is not a consideration at this time.

GOALS

The transportation network should strive to serve the residents and businesses effectively and efficiently.

The Township will explore a bike system that connects residents to businesses, schools, recreation, entertainment, and other public uses.

Minimize the impact of Business Development on the flow of traffic throughout the township.

lo		58.90%	235
es		40.35%	161

STREETS, ROADS & PARKING

WHO IS RESPONSIBLE FOR WHAT?

Multiple agencies are involved in transportation, and each has a responsibility for the effectiveness of the overall system.

Jerusalem Township: controls 25.955 miles of local streets.

Lucas County: monitors, repairs, and plans for 37 miles of roads within the Township.

Ohio Department of Transportation (ODOT): maintains and plans for approx. 8 miles of Jerusalem Road (SR2)

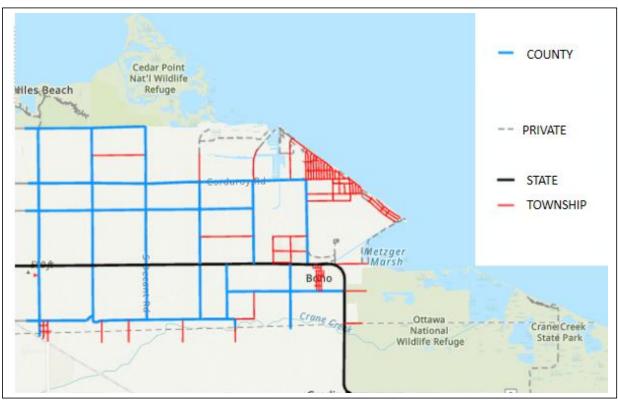
Private roads: Several miles of roads were part of early planning most of which took place in the 1920's. These roads are now owned by private citizens. The residents of these areas are responsible for maintaining these private roads. Toledo Metropolitan Area Council of Governments (TMACOG) works with members and regional partners to ensure that the transportation system in our region moves people and goods safely and efficiently. Our work falls into three categories: long range planning, short range planning, and data collection and modeling.

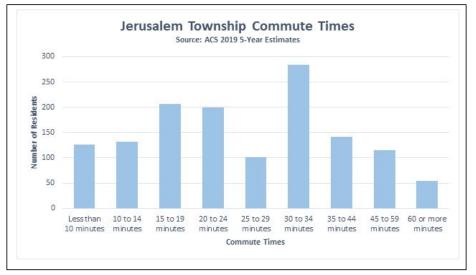
Streets & Roads

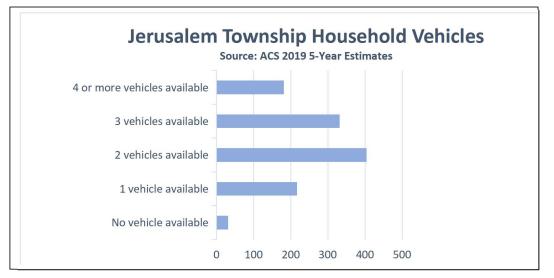
The Township's primary responsibility in transportation is maintaining the local street system.

While not responsible for the county or state roads the Township has been very effective at working with other agencies to improve the overall transportation network

Jerusalem Township Centerline Roads







SCHOOL TRANSPORTATION

Provided by the Oregon City School District



NON-VEHICULAR TRANSIT

Walking and biking are popular forms of active transportation and recreation in many communities in the surrounding area. The Township seeks to expand on regional trail projects. The core planning tool for developing trails in Jerusalem Township will identify and prioritize proposed bike trail improvements by evaluating the number of residents who will have access to destinations such as parks, schools, churches.

Hiking / Biking / Walking Map

In our survey feedback, there were a large # of requests to connect bike trails from Jerusalem Township to Maumee Bay State Park or up Seaman to connect through Oregon.

On the Move - Update Non-Motorized Project





Egret Trail



FUTURE OUTLOOK & NEEDS

TMACOG's long range transportation plan identifies 2 priority bike trail connections in the township. If constructed, these trails would provide a connection between the township's parks, refuges, and the neighboring Metroparks. One proposed trail would connect Maumee Bay State Park and Ottawa National Wildlife Refuge. Another proposed trail would connect Maumee Bay State Park and Eastern Lucas County Metropark land (Howard Marsh). These connections would be a vital asset to the township which would provide safe routes for active transportation users to navigate within the township. See Appendix, 2045 On the move-Update 2020 Priority Non-Motorized Projects.

Improve intersection visibility and safety throughout the township.

What Residents had to Say!

While not necessarily providing a means of transportation, unpaved trails are a highly valued amenity by the community. Currently there are unpaved trails in Howard Marsh Metropark, Maumee Bay State Park, Metzger Marsh, and Ottawa Wildlife Refuge. Unpaved trails are easier on walkers or joggers but are also more natural and often fit with surrounding areas.

Overgrown vegetation and trees blocking intersection visibility creates concerns. An intersection vegetation plan is requested to improve residents' safety and improve the township image.

TRANSPORTATION INITIATIVES

- 8.1 Trustees to appoint a task force to collaborate with local Parks to coordinate a Trails Plan for Jerusalem Township. Prioritize pedestrian hiking and bicycling within the Township.
- 8.2 Improve and maintain Intersection vegetation to improve resident visibility and driving safety.
- 8.3 Encourage pedestrian amenities and safety improvements along the trail network.
- 8.4 Maintain, operate and plan for streets and road network. Consider taking private roads into the Township.
- 8.5 Traffic studies performed (if needed) for high impact businesses looking to operate in the business development areas identified. Work and partner with Lucas County Engineering Dept and ODOT for SR2 traffic and flow reviews.
- 8.5 Continue long term planning for capital improvement projects.