

**RESOLUTION #18-1001-08**

**Authorizing Township Administrator to Submit Preservation Parks Grant Application – Jewett Road Connector**

**WHEREAS**, Liberty Township Board of Trustees has made trail connectivity a priority, and

**WHEREAS**, grant funds are available for the construction of a ten foot wide paved multi-use trail along the south side of Jewett Road between Derby Drive and Liberty Road, and

**WHEREAS**, the connector will enable trail users to access trails to downtown Columbus.

**NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF LIBERTY TOWNSHIP, DELAWARE COUNTY, OHIO** to authorize the Township Administrator to submit the grant application and any necessary attendant documents to Preservation Parks – Delaware County for Jewett Road multi-use trail project.

Motion made by Melanie Leneghan and seconded by Mike Gemperline.

**Vote:** yes Mrs. Eichhorn yes Mr. Gemperline yes Mrs. Leneghan

This Resolution shall be in force and become effective immediately upon its execution.

Oct. 1, 2018

Date

Melanie Leneghan  
Melanie Leneghan, Trustee

Mike Gemperline  
Mike Gemperline, Trustee

Shyra Eichhorn  
Shyra Eichhorn, Trustee

CERTIFIED BY:

Nancy Denutte  
Nancy Denutte, Fiscal Officer



PRESERVATION PARKS OF DELAWARE COUNTY  
COMMUNITY MULTI-USE TRAIL IMPROVEMENT GRANT PROGRAM  
PROJECT APPLICATION  
(Last Updated: 9/27/2018)

Completed **applications must be received** in the Preservation Parks office at 2656 Hogback Road, Sunbury, Ohio 43074, **by no later than October 1, 2018, 3:00 P.M.** Applications received after this deadline will not be considered. Attached is the CTIG General Information Form with required submittals noted. For further information, call or email Matt Simpson (740) 524-8600, ext. 2.  
msimpson@preservationpark.com

Project Name: Jewett Road Connector Trail

Date: 9/27/2018

Project Jurisdiction(s): Liberty Township, Delaware County, Ohio.

Applicant: Liberty Township

Contact Person: Matt Huffman

Applicant Mailing Address: 10104 Brewster Lane, Ste. 125, Powell Ohio 43065

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Applicant Phone: 740-938-2000 email: mhuffman@libertytwp.org

Project Location: Jewett Road, Liberty Township, Delaware County

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Brief Project Description: Construction of a 10-foot wide paved multi-use trail along the south side of Jewett Road between Derby Drive and the roundabout at Liberty Road and Jewett Road, including a crossing over the railroad tracks between those two end points. This trail will provide a safer connection along a heavily traveled road for State Bike Route #47, which is being designated to use this route. It will also provide safer passage along a key section of the popular bike route between the Olentangy Trail and the Powell/Liberty Township/Dublin area.

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CTIG Funds Requested: \$100,000.00

\* See CTIG General Information for program details and submittal requirements.

## ***Funding Submittals and Selection Criteria***

The applicant shall submit the following items and responses to the questions below. These will be used to establish project priorities and recommendation for funding.

### ***Does the project solve a problem/describe the justification of need/what benefits are provided?***

Liberty Township has many families who live east of Liberty Road without any safe routes to travel from their homes to the central business district, parks, and other community venues. This project will provide safe passage for pedestrians and bicyclists residing east of the CSX railroad tracks traveling northwest to Powell, Liberty Township, Dublin, and the Columbus Zoo, since it will connect with the new Liberty Road trail at the new roundabout at Jewett Road and Liberty Road. Traffic on Jewett Road continues to grow heavier, and there is currently no safe sidewalk or shoulder for either pedestrians or bicyclists along Jewett Road. The project will include providing a safe crossing over the CSX railroad tracks east of Liberty road.

This trail connector will also provide safe passage between the Powell/Liberty Township/Dublin area and the Olentangy Trail by connecting to residential streets through Liberty Township and Worthington Hills. In the future, it also will provide safe access to the new Metro Parks trail to be constructed from River Bluff Park north to Highbanks Park. Finally, this project improves the safety of the new State Bike Route #47, which is being designated to use this route.

In 2014, the Liberty Township Trustees created a citizen advisory committee named OPAL Trails (Olentangy, Powell, And Liberty township Trails). OPAL was asked to review trail needs within Liberty Township and recommend how they should connect with other trails in other communities.

OPAL conducted a survey of township residents regarding trails needs and priorities. The survey received over 500 responses, and this connector was one of the top trail needs requested. OPAL recently created a [citizen petition](#) on Change.org and received over 565 signatures supporting this Jewett Road Trail connector.

Last year, ODOT requested the OPAL committee to review proposed State Bike Routes #39 and #47 and provide input. The original route ODOT proposed for State Bike Route #47 included crossings of roads with heavy traffic (but no traffic signals) and wasn't all that direct. The revised SBR #47 recommended by OPAL (including this section of trail along Jewett) would provide better access from trails north and south and a safer connection to the Olentangy Trail.

### ***Is the project part of a COG trail or trail of regional significance?***

This new Jewett Road Connector Trail will provide a key section of the new State Bike Route #47, which is being designated to use this route between the Olentangy Trail and Delaware. Both Powell and Liberty Township have approved designation of this ODOT bike route, and Worthington has approval underway. This route through Worthington Hills, along Jewett, Liberty, and Murphy Parkway is the safest way to bike, walk, or run between the Olentangy Trail and the Powell/Liberty Township/Dublin areas, including the Columbus Zoo. Completing the Jewett Road Connector Trail will allow this entire route to be on either trails or low-traffic residential streets. This connector also provides residents of this area with the best access to the Ohio-To-Erie Trail, via the Olentangy Trail.

***Does it link to a COG trail or regional trail?***

This new Jewett Road Connector Trail will provide safe access to the Olentangy Trail via residential streets and trails through Liberty Township and Worthington Hills. It also provides access to the Liberty Road Trail, the Murphy Parkway Trail, the Powell Road Trail, and the Sawmill Road trail, which extends north to Delaware. These linked trails are key to providing safe access to the Worthington/Liberty Township/Powell/Dublin/Delaware area, and the regions beyond. It also provides a segment of State Bike Route #47, which will provide state-wide access. It will also link to the future Home Road Trail, which has been identified as a key east-west corridor by OPAL, Delaware County Trail Committee, MORPC, and ODOT's State Bike Route project. Finally, this connector also provides residents of this area with the best access to the Ohio-To-Erie Trail, via the Olentangy Trail.

***Does it link population centers with public outdoor recreation areas?***

This new Jewett Road Connector Trail will link residents of Powell, Dublin, and Liberty Township with the Olentangy Trail, Park of Roses, OSU, downtown recreation areas, and eventually Highbanks Park. It will link residents southeast of this area with Library Park, Murphy Park, Adventure Park, Powell Pool, the new Seldom Seen Park in Powell, the Columbus Zoo, the Liberty/Powell YMCA, Liberty Park, and some Preservation Parks via other connected trails. It also provides safer bike/ped access to Tyler Run Elementary School, located just west of Liberty Road near the new roundabout.

***Does it support commuter access, and have economic benefit to the community?***

This new Jewett Road Connector Trail will provide safer commuter access for residents of Powell/Liberty Township/Dublin who commute south to Worthington, Clintonville, OSU, and downtown Columbus via the Olentangy Trail. And vice versa, it provides commuter access for residents southeast of this area who work in Powell, Liberty Township, and Dublin. By providing safe access to Powell and surrounding areas, it brings additional business to these areas, and makes the areas more desirable, due to the improved trail system. Bicyclists will be able to stop at Powell and Liberty Township restaurants for breakfast, lunch, or dinner, thus bringing economic benefit to the community. It is also responsive to the Safe Routes to School program by providing safer bike/ped/ access to Tyler Run Elementary School, just west of Liberty Road.

***How suitable is the site for a multi-use trail? Are there any constructability or environmental concerns?***

As part of the new roundabout constructed at the intersection of Liberty and Jewett Roads, Delaware County Engineering constructed a shelf along the south side of Jewett Road between the roundabout and the railroad tracks, specifically to support construction of a trail along that section. Liberty Township has also obtained right of way access to the land south of Jewett Road from the roundabout all the way to Derby Drive, and there is room to safely construct the trail the entire length. There are no known constructability or environmental concerns. The main challenge will be constructing a trail crossing over the CSX tracks. Delaware County Engineering developed a proposed design and estimate of costs required for this project.

### ***Document public support for the project***

This section of Jewett Road has been used for years by bicyclists travelling between the Olentangy Trail and the Powell/Liberty/Dublin area. However, increased traffic on Jewett Road now requires a trail for safe riding. Pedestrians residing east of the railroad tracks crossing Jewett have also requested a trail to provide a safe way to walk into Powell.

ODOT has requested Liberty Township and Powell to recommend a safe route for State Bike Route #47 to connect between Delaware and the Olentangy Trail. The route recommended by both Liberty Township and Powell is: Sawmill Parkway Trail south from Delaware to Powell Road Trail east to Murphy Park Trail south to Liberty Road Trail south to Jewett Road east to Derby Drive to Churchill Drive which connects to Worthington Hills, and then residential streets down to the Olentangy Trail. The one remaining section of this route needing a trail (for safety) is the proposed Jewett Road Connector Trail.

As previously noted, OPAL conducted a survey of township residents regarding trails needs and priorities. The survey received over 500 responses, and this connector was one of the top trail needs requested. OPAL recently created a citizen petition on Change.org and received over 565 signatures supporting this Jewett Road Trail connector.

### ***Demonstrate operation and maintenance capability once the trail is complete.***

Liberty Township has Parks and Roads departments that can provide maintenance and operations of the proposed trail. Liberty Township's citizen centric trails committee (OPAL Trails) can also assist with maintenance and operations of the proposed trail, as needed.

### ***Provide engineer's construction cost estimate with project total and CTIG funding requested.***

#### **1. Overview**

In order to help fund this trail project, Liberty Township has applied for grants from the Recreational Trails Program (RTP) and the Clean Ohio Trails Fund (COTF) provided by the Ohio Department of Natural Resources and Federal Highway Administration. Funds received from the Preservation Parks CTIG program would be used as a local match for the other grants, if they are awarded to Liberty Township for this project.

The project cost summaries included below are extracted from the grant application submitted for the RTP and COTF grants. The total project cost estimate provided by the Delaware County Engineering Office for this project is \$371,350. The estimate also notes that permits and inspections by the railroad company may cost an additional \$25,000. The grant amount requested from RTP is \$297,080 with a sponsor's match of \$74,270. The grant amount requested from COTF is \$278,513 with a sponsor's match of \$92,837. The total sponsor's match required for these two grants would be \$167,107. However, if funding is awarded from both programs, the total funding would be capped at \$500,000. Since the RTP funding requires 20% in matching funds, that would require \$100,000 in local matching.

Therefore, Liberty Township is requesting \$100,000 of CTIG funding to cover sponsor's match for these grants.

2. Project Cost Summary Chart for RTP application:

<b>Eligible Costs</b>	<b>Requested Grant Amount (up to 80% of total)</b>	<b>Sponsor's Match</b>		<b>Total Project Cost</b>
		<b>Hard Cash</b>	<b>In-Kind</b>	
<b>Acquisition</b>				
<b>Design and Engineering</b>	<b>\$43,280</b>	<b>\$10,820</b>		<b>\$54,100</b>
<b>Labor</b>	<b>\$173,800</b>	<b>\$43,450</b>		<b>\$217,250</b>
<b>Special Service Contracts</b>				
<b>Rental of Equipment Contracts</b>				
<b>Construction Contracts</b>				
<b>Purchase of Materials</b>				
<b>Purchase of Equipment</b>				
<b>Other – pedestrian gates at railroad</b>	<b>\$80,000</b>	<b>\$20,000</b>		<b>\$100,000</b>
<b>COLUMN TOTALS</b>	<b>\$297,080</b>	<b>\$74,270</b>		<b>\$371,350</b>

3. Project Cost Summary Chart for COTF application:

Eligible Costs	Requested Grant Amount (up to 75% of total)	Sponsor's Match		Total Project Cost
		Hard Cash	In- Kind	
<b>Acquisition (must occur within two years of grant application with prior ODNR approval)</b>				
<b>Design and Engineering (must occur within two years of grant contract or award with prior ODNR approval)</b>	\$40,575	\$13,525		\$54,100
<b>Labor</b>	\$162,938	\$54,312		\$217,250
<b>Special Service Contracts</b>				
<b>Rental of Equipment Contracts</b>				
<b>Construction Contracts</b>				
<b>Purchase of Materials</b>				
<b>Other – pedestrian gates at railroad</b>	\$75,000	\$25,000		\$100,000
<b>COLUMN TOTALS</b>	\$278,513	\$92,837		\$371,350

*In addition, submit the proposed trail pavement detail with material composition.*

See Delaware County Engineering Estimate for Jewett Road Connector Trail included below.

Per Delaware County Engineer Estimate:

Assumptions:

- Entire path will be constructed within the existing right-of-way; no easements will be needed.
- The path is assumed to be 10 feet wide.
- Path cross section is to be eight inches of 304 with three inches of asphalt
- Intersection crossings with curb ramps include one side of Derby Drive
- Railroad crossing of double tracks. Possibly using gates to create a Z configuration
- The estimate does not include costs for required permitting thru nor inspections by the railroad companies. It is possible that these combined costs may exceed \$25,000.

**Delaware County Engineering Office Conceptual Cost Estimate for Jewett Road Connector Trail**



**Delaware County Engineer**

**Chris Bauserman, P.E., P.S.**  
County Engineer

**Robert M. Riley, P.E.**  
Chief Deputy Engineer

**Conceptual Cost Estimate for Liberty Township**

**Project:** Construction of a ten (10') foot wide Shared Use Path along the south side of Jewett Road (TR127) from Liberty Road (CR9) to Derby Drive (TR566).

Item	Item Description	Quantity	Unit	Unit Price	Total Price
1	Shared Use Path (10' wide)	1575	LF	\$120.00	\$189,000.00
2	Intersection crossing with curb ramp	1	EA	\$2,500.00	\$2,500.00
3	Residential Drive crossing	1	EA	\$750.00	\$750.00
4	Railroad Crossing	1	EA	\$25,000.00	\$25,000.00
5	Pedestrian Gates at railroad	2	EA	\$50,000.00	\$100,000.00
Total Estimated Construction Costs =					<b>\$317,250.00</b>
Engineering Design/Surveying (~10% construction costs)					\$31,725.00
Construction Engineering & Testing (~7% construction costs)					\$22,207.50
Total Estimated Project Costs =					<b>\$54,100.00</b>
ESTIMATED PROJECT TOTAL =					<b>\$371,350.00</b>

**Assumptions:**

- Entire path will be constructed within the existing right-of-way; no easements will be needed.
- The path is assumed to be 10 feet wide. Existing conditions may dictate a smaller width but not less than 8 feet.
- Path cross section is to be eight (8") inches of 304 with three (3") inches of asphalt.
- Intersection crossings with curb ramps include one side of Derby Drive.
- Railroad crossing of double tracks. Possibly using gates to create a Z configuration.
- The estimate does not include costs for required permitting thru nor inspections by the railroad companies. It is possible that these combined costs may exceed \$25,000.

Date: 11/14/17

By: TAJ

***Is CTIG funding being used as a local match for other grants?***

Yes, CTIG funding would be used as a local match for other grants.

In order to help fund this trail project, Liberty Township has applied for grants from the Recreational Trails Program (RTP) and the Clean Ohio Trails Fund (COTF) provided by the Ohio Department of Natural Resources and Federal Highway Administration.

Funds received from the Preservation Parks CTIG program would be used as a local match for those grants, if they are awarded to Liberty Township for this project

***If so, identify additional funding source.***

Grant applications for this project have been submitted to the Recreational Trails Program (RTP) and the Clean Ohio Trails Fund (COTF) provided by the Ohio Department of Natural Resources and Federal Highway Administration. Funds received from the Preservation Parks CTIG program would be used as a local match for those grants, if they are awarded to Liberty Township for this project

***Submit Project mapping showing trail corridor, property ownership and trail concept plan.***

*See diagrams below.*

## Jewett Road Connector Trail Corridor

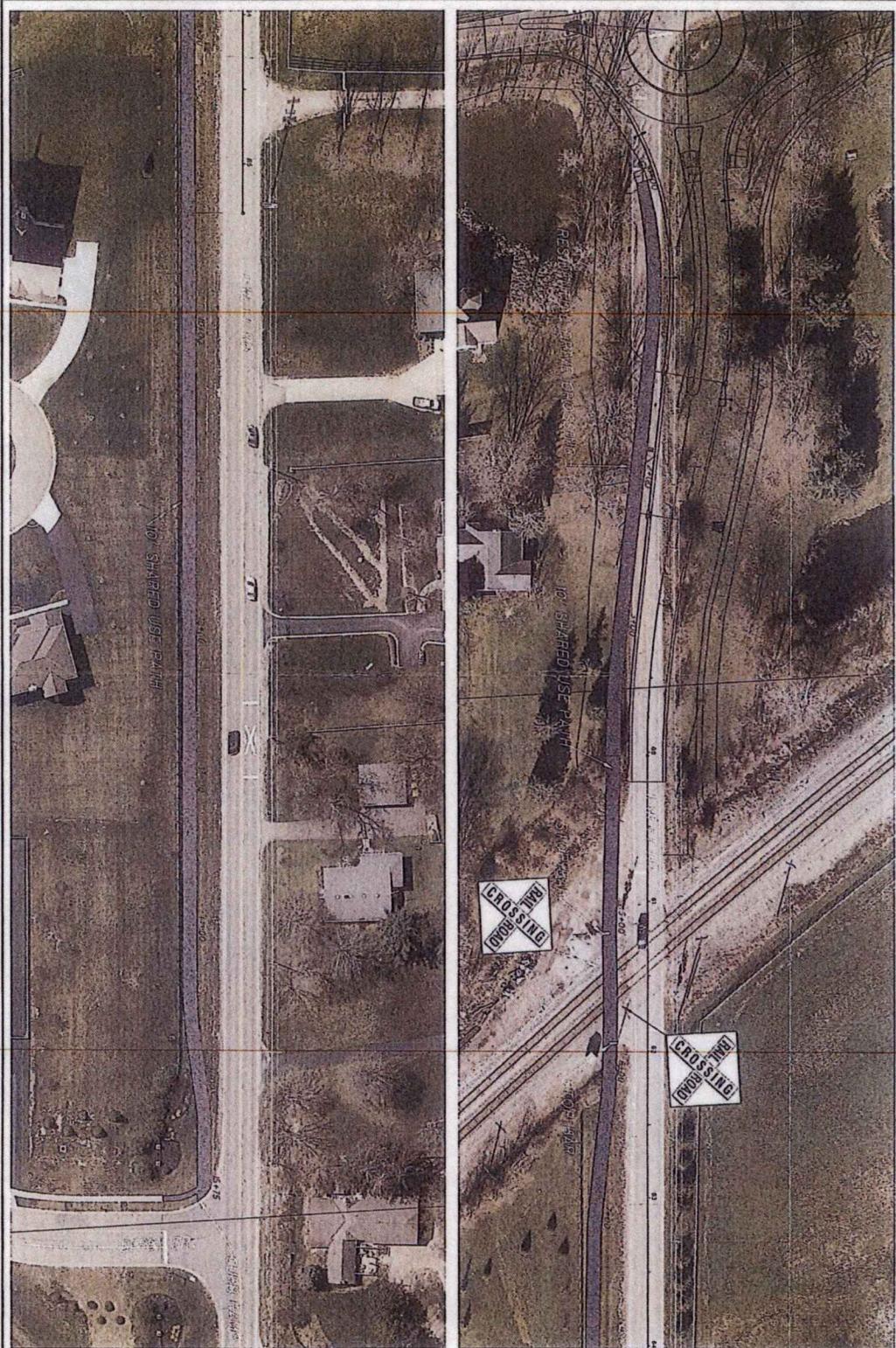
- The proposed trail is between Liberty Road and Derby Drive, on the south side of Jewett Road
- Note that the new roundabout at Liberty St. and Jewett Road is not yet shown in this diagram.

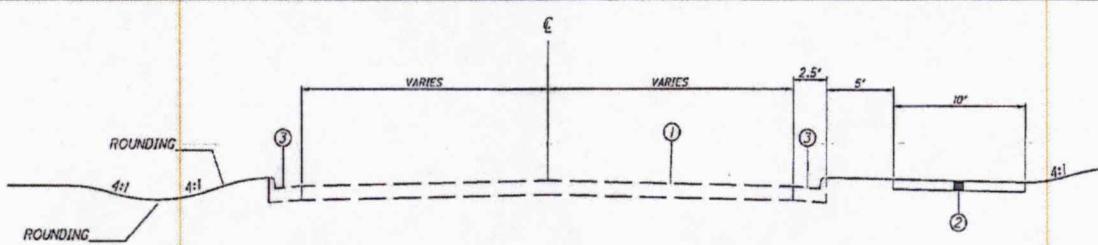




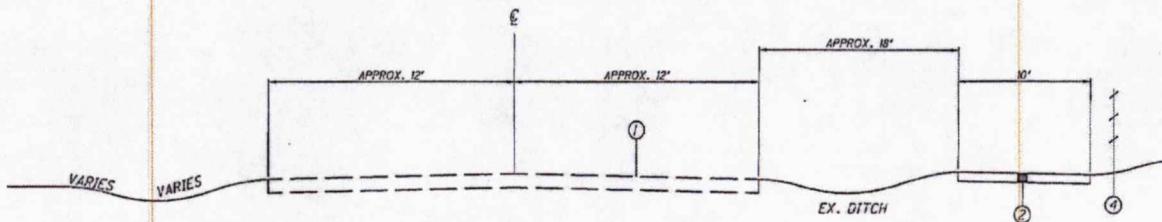
### Proposed Trail Context

The above diagram illustrates the popular bike route (shown in blue) which currently connects Jewett Road and the Olentangy Trail, over low-traffic residential streets. The proposed Jewett Road Connector Trail (shown in red) would safely continue this route west to Liberty Road. The new Jewett/Liberty roundabout would connect the Jewett Road Connector Trail to the new section of the Liberty Road trail (shown in green), which extends north to the Murphy Parkway trail. The Murphy Parkway trail extends northwest to the Powell Road trail which extends west to the Columbus Zoo, and east to downtown Powell. The Powell Road Trail also connects to the Sawmill Road Trail, which extends north to Route 42 in Delaware. Thus, the proposed Jewett Road Connector Trail closes a gap in this key corridor between the Olentangy Trail and the Powell, Liberty Township, Dublin, and Delaware communities.





TYPICAL SECTION - JEWETT RD, WEST OF R/R

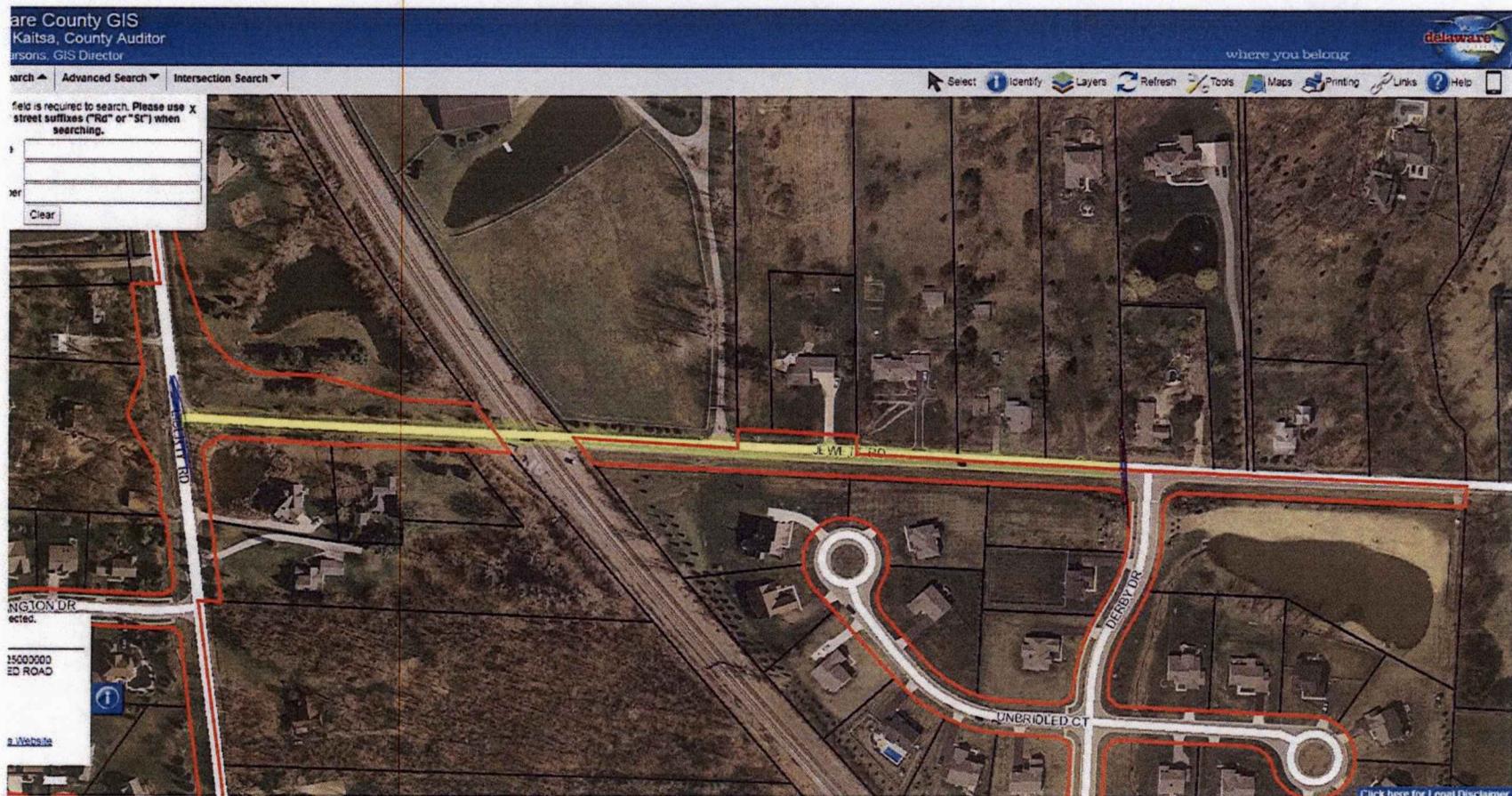


TYPICAL SECTION - JEWETT RD, EAST OF R/R

LEGEND

- ① EXISTING ROADWAY
- ② PROPOSED 10' SHARED USE PATH
- ③ CURB AND GUTTER
- ④ EXISTING FENCE

2	2	2	2
JEWETT RD	SHARED USE PATH	PLAN	CONCEPTUAL TYPICAL SECTIONS
		J.H.	series
			ATF



**For acquisition projects, submit Appraisal (completed by an ODNR/ODOT approved appraiser), Purchase Agreement or Letter of Intent, and Waiver of Just Compensation (if applicable). All acquisitions must conform to the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.**

N/A. No acquisitions are required for this project.

***Submit Project Photographs.***

**1. New roundabout at intersection of Jewett and Liberty Roads**

View of the south end of the new Jewett/Liberty roundabout, looking east across Liberty Road toward Jewett Road. Note the bike/pedestrian crossing which connects the Liberty Trail on the west side of Liberty Road to the east side of Liberty Road, where the proposed Jewett Road Connector Trail would begin, running east along the south side of Jewett Road.



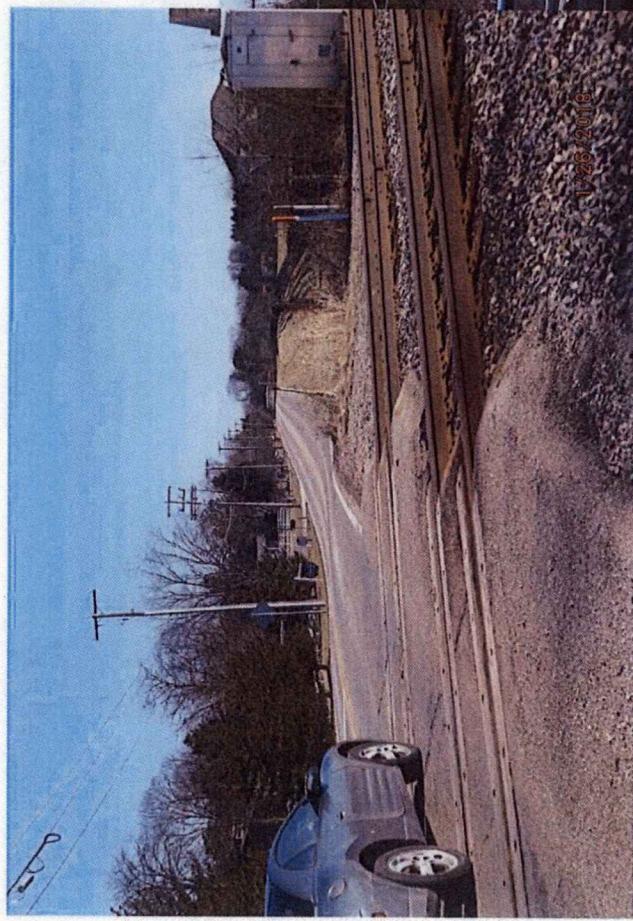
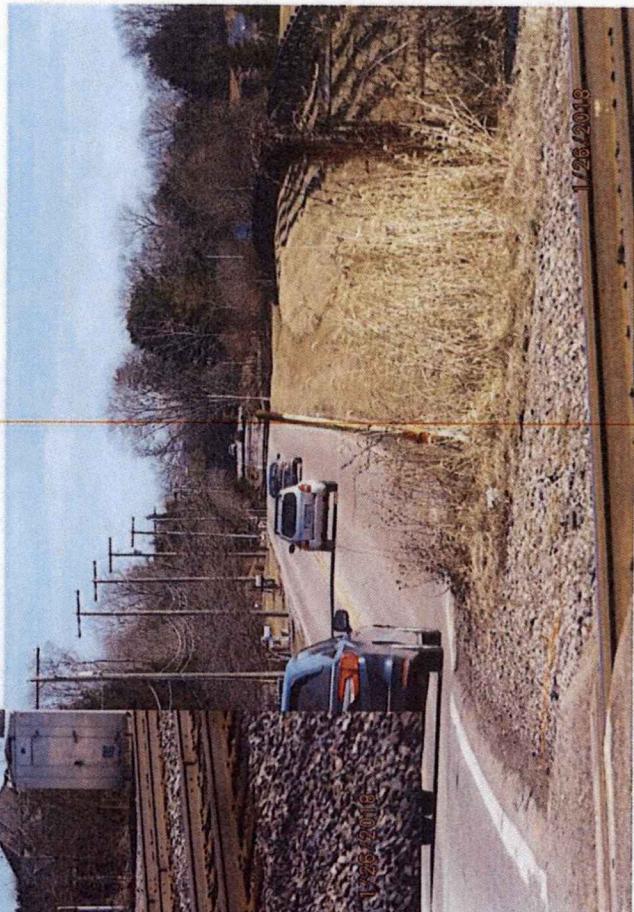
## 2. Jewett Road east to railroad tracks

Looking east from the new Jewett/Liberty roundabout, this view shows the new trail shoulder on the south side of Jewett Road constructed by Delaware County Engineering. This is where the new Jewett Road connector trail would begin, from the east side of the roundabout extending east over the railroad tracks to Derby Drive.



3. Jewett Road Railroad Crossing and looking east toward Derby Drive

Looking east towards Derby Dr.



#### ***4. Intersection of Jewett Road and Derby Drive***

The Jewett Road connector trail will terminate at Derby Drive. Turning right on Derby Drive will connect trail users to the Olentangy Trail via low-traffic residential streets through Calumet Farms and Worthington Hills. It will also connect to the future Metro Parks trail from River Bluff Park to Highbanks Park, via low-traffic residential streets.



**Submit project timeline. Include anticipated dates for acquisition, design & engineering, bidding, construction, and CTIG reimbursement.**

**Timeline for Project Completion**

	2018			2019							
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
Acquisition (N/A) *											
Design&Engineering	x	x									
Bid Package			x	x	x	x					
Construction							x	x	x		
Final Close Out											x

\*Note: No Acquisition required for this project.

It should be noted that negotiation with CSX regarding the design and implementation of the railroad crossing could potentially impact this overall schedule.

### ***Program Information***

- An amount up to \$100,000 may be available for the Community Multi-Use Trail Improvement Grant Program for 2019.
- Grant requests may be only partially funded.
- Projects are not guaranteed funding; however, if the request is denied one year, the application may be resubmitted in another year.
- Projects may not begin until final grant approval is given by PPDC; if begun prior to approval, the project may risk grant cancellation.
- All expenses and payments are subject to state audits.
- Grant funds must be utilized for the project; no alterations may be made to the project for which funding was awarded, unless approved in writing by PPDC.
- Grant funds as allocated by Preservation Parks are final; any additional costs are the responsibility of the applicant.
- Failure to comply with these criteria will be taken into consideration for any future requests and could jeopardize an award.
- The applicant is responsible for paying the contractor/supplier for services and/or materials provided.
- Grantee will be reimbursed by PPDC after proof of payment is submitted. One lump sum reimbursement will be made.

### ***Important Dates to Remember***

- **PDF and three hard copies of the completed application must be received by Preservation Parks at 2656 Hogback Road, Sunbury, by no later than 3:00 p.m., October 1st, 2018.**
- Notification of approved requests will be no later than **December 1st, 2018.**
- All CTIG grant monies are to be expended in 2019, unless intended as matching funds for another grant in the following year and approved by Preservation Parks.

CTIG Applications shall be no more than 26 single sided pages or 13 double sided pages and may be emailed or delivered to:

Matt Simpson  
Preservation Parks of Delaware  
County 2656 Hogback Road  
Sunbury, OH 43074  
[msimpson@preservationparks.com](mailto:msimpson@preservationparks.com)