



LIBRO CENTRE

PHASE 2 TRAIL PROPOSAL

FALL 2023

PROPOSED TO:
The Town of Amherstburg

ORGANISED BY:
WINDSOR ESSEX BIKE COMMUNITY (WEBC)

About WEBC



What is WEBC?

Windsor Essex Bike Community (WEBC) is a newly registered nonprofit organization that advocates for the development and improvement of cycling trails in Windsor and throughout Essex County. WEBC is committed towards advocating for all types of cyclists in Essex County, while providing a platform to promote mutually beneficial partnerships between the riding community and local government.

WEBC's key functions include:

- I. **Advocating** for the development of new cycling specific trails in Windsor & Essex County.
- II. **Promoting** all aspects of cycling to increase community involvement, tourism, and economic growth within the region.
- III. **Uniting** the local riding community to create mutually beneficial partnerships between riders and local government.

Project Next Steps



With Phase 1 trails completed at the Libro Centre, Windsor Essex Bike Community now proposes to continue this trail development project with Phase 2 and 3. The purpose of these two subsequent phases would be to create additional mountain bike trails so that a significant and diverse trail network could be established. This proposal is limited to Phase 2 which involves the creation of approximately 3km of cross-county mountain bike trails.

This addition of added trail would create even more social, economic, and health & wellness benefits to Amherstburg's community.

Phase 2 trails will be the focus of this proposal, however over time WEBC will work with Amherstburg Town Administration to plan Phase 3 and ultimately hope to gain Town Council approval for all phases of this project.

Phase 2 Project Goal



Phase 2 XC Trail

Phase 2 Goal:

The goal of Phase 2 is to create an additional 3 km cross country (XC) mountain bike loop behind the Libro Centre in Amherstburg, Ontario. Windsor Essex Bike Community's key priority for the project will continue to develop a trail that is safe but allows riders the opportunity to safely progress their cycling skills.

More specifically, Phase 2 trails will complement the Phase 1 (beginner or green level) country trail loop and provide progressively more difficult terrain and features consistent with an intermediate level (blue) trail. Phase 2 will be an excellent addition to the already very popular Phase 1 trails constructed at the Libro Centre.



Why Add Phase 2?

Phase 2 would allow the Libro Trails to evolve into an substantial interconnecting trail network! The addition of Phase 2 trails to the Libro Centre would add more distance and variety of trail that will only enhance the existing positive impacts felt and seen from Phase 1 of this project!

01 Personal Benefits

Adding Phase 2 to the Libro Centre trails would continue to create numerous personal benefits for Amherstburg residents. Such benefits would include:

- Incredible improvement of local resident's physical fitness and increased health and wellness benefits.
- More opportunity to experience exercise while being outside in nature.
- Noticeable mental health benefits through riding.
- Improved stress relief, confidence, self-esteem, pride, comradery, and overall mental well-being because of riding bikes at the Libro Centre.

02 Social & Community Benefits

The wide-ranging social benefits of developing Phase 2 trails at the Libro Centre would include:

- Phase 2 trail construction would allow for further community volunteer opportunities for students and residents to help build the trail!
 - Currently, Phase 1 trails do not have enough distance to properly host community riding events.
 - By adding Phase 2 (and eventually Phase 3) trails to the Libro Centre, there would be enough distance of trail to host exciting social events like mountain bike, cross country running, and other types of race events for the community to participate in.
 - The increased amount of trail would allow the Libro Trails to act as a legitimate training venue for local riders and other endurance athletes wanting to train and progress their athletic abilities.
 - Phase 2 would create a more enjoyable riding experience for riders! More trail means more variety and prevents riders being forced to ride the same section of trail over and over again.
 - Increased total trail distance at the Libro Centre would make the Libro Trails much more functional for other social riding events like community group rides, skill clinics, and youth riding clubs or summer camps!
-

Why Add Phase 2?

Adding Phase 2 would greatly help make the Libro Centre trail network much more functional for hosting community group rides, skill clinics, youth summer camps, and races.



More trails at the Libro Centre will only multiply and heighten the positive social impacts felt from Phase 1 of the trails!

North Star High School Mountain Bike Club

- The massive popularity of Phase 1 of the Libro Trails has led to an outstanding relationship between Windsor Essex Bike Community (WEBC) and Amherstburg's North Star High School.
- North Star high school and WEBC have partnered together to create a school mountain bike club available to North Star students.
- This mountain bike club has seen dozens of male and female students riding the Libro trails while improving their fitness and riding skills through progression from beginner to more advanced trails.



In only a few months of Phase 1 of the Libro Trails being opened, North Star High School and WEBC have already partnered to create a high school mountain bike club for local students.

North Star High School Mountain Bike Club

- WEBC plans to grow this mountain bike club to other local high schools to maximize the positive impacts the Libro Centre trails can have for as many high school students as possible.
- There are so many potential benefits these trails can offer to young people through the support of local high schools, WEBC, and other members of our community!
- Lets help grow cycling and get more young people on bikes through the addition of Phase 2 of the Libro Centre Trails!



Why Develop Trails?

03 Economic Benefits

The additional trails created in Phase 2 would assist in attracting local, as well as out-of-town cyclists to ride in Amherstburg instead of traveling to other parts of the province or Michigan. This would create numerous positive economic impacts such as:

- Improved tourism for the Town of Amherstburg.
- Increased economic development of nearby restaurants, hotels, entertainment districts, and shopping centers.
- The development of a premier cycling destination that could host revenue generating events like cycling races, summer camps, and bike festivals.
- Development of new cycling related businesses in the Town of Amherstburg (bike shops, bike rentals, bike repair).



Phase 1 Statistics



PHASE 1 TRAIL CONSTRUCTION STATISTICS

1500+

Volunteer labour hours to complete Phase 1 of Libro Trails.

3

Months to complete Phase 1 of the Libro Trails from start to finish.

50+

Local volunteers used to build Phase 1 of the Libro Trails.



PHASE 1 TRAIL FUNDRAISING STATISTICS

\$33120

Dollars raised solely from local community donations for Phase 1 of the Libro Trails.

15

Local businesses who donated to Phase 1 of the Libro Trails.

50+

Local residents who individually donated to Phase 1 trail donation campaign.

6

Weeks to raise \$33,120 in community donations for Phase 1 of Libro Trails.

Phase 1 Impacts



PHASE 1 TRAIL COMMUNITY IMPACTS

2500+

WEBC Social Media followers gained after the construction of Phase 1 of the Libro Trails.

15+

Local North Star High School students who attend the "Mountain Monsters" student mountain bike club every Tuesday afternoon this fall at the Libro Trails.

200+

Local riders who attended different official WEBC cycling events hosted at Phase 1 of the Libro Trails in just the summer / fall of 2023.

40+

Local youth riders who attended WEBC's first youth group ride clinic on November 4th, 2023.



PHASE 1 TRAIL COMMUNITY IMPACTS

500+

Local and out of town riders estimated to have ridden Phase 1 of Libro Trails in the Summer/Fall of 2023.

1

Brand new bike shop in Amherstburg ("Flow Cafe & Bikes") opened as a result of Phase 1 of the Libro Centre Trails opening.

100+

Local youth riders estimated to participate in WEBC's Youth Mountain Bike Club planned for 2024 and to be hosted at the Libro Trails.

Phase 1 Impacts



PHASE 1 TRAIL COMMUNITY IMPACTS

4

Brand new mountain bikes donated by WEBC to North Star High School for students to ride at the Libro Trails.

\$1200

In new mountain bikes donated to North Star High School by WEBC so students can safely ride Phase 1 of the Libro Trails.

100+

Hours that local students will ride these safe and high end donated mountain bikes in 2024 at the Libro Trails.



Phase 1 Feedback

By adding Phase 2, the diverse positive impacts felt from Phase 1 of the project would only be multiplied in our community!

See the positive feedback and reviews made from different perspectives of residents in our community about Phase 1 of the Libro Centre trails:

To whom it may concern,

I want to express my Gratitude as a parent to WEBC. We have 2 boys, Grayson (14) and Cooper (11). We're fortunate to be a short distance away from the trail at Libro. Our drive way has become a meeting hub for 11-15yr olds to come and gather En route to the trail. Many of these young boys had volunteered some efforts to help groom, and prepare the trail. That said they share a sense of Stewardship to the trail. To that I credit the Senior Riders, and Community of WEBC that welcomed these young boys and on the daily continue to help them embrace the sport of Trail riding.

Our Boys and many alike enjoy this trail daily four hours at a time, challenging themselves to improve on the trails..while unknowingly improving their growth of interaction with Peers, and those both younger and older. They respect the trail, and there is a mutual respect shared between those that enjoy it.

Today I received a message from a Parent of one of the boys that normally would start at our house before hitting the trail. He went on to thank us for always hosting this group. I explained that it's refreshing to see they're still just trying to be kids and nothing more. To which he replied "Yes.. I'm glad they go to the trail and that stuff, and stay off the phones"

As are we! and we're thankful for the efforts of the WEBC, we're thankful they have welcomed these boys and many others into their community to learn, and grow.

*Wes Thrasher
Sales Manager / Thrasher Sales and Leasing ltd.*

Phase 1 Feedback

To whom it may concern,

James and the Windsor Essex Bike Community have created an amazing recreation and sport opportunity for citizens of the Amherstburg community.

As a teacher at North Star High School, I have the pleasure and privilege to take my students to the trails during Phys Ed class. I look forward to the opportunity to show them the new trails and for them to experience the new and exciting sport of mountain biking.

Not only will biking on the Libro trails be excellent for their physical fitness, but the trails also provide social opportunities; something positive to do with friends. Being active outside is also proven to be fantastic for their mental health.

The Libro trails present a great Opportunity for a new club at North Star High School for years to come. I am very impressed what WEBC has created. The level of creativity and design is far beyond what I imagined. I look forward to seeing what is to come with future development.

*Lisa Voakes
Interim Department Head
North Star High School*



Phase 1 Feedback

I started mountain biking as a young girl at 9 years old. At this time my dad had joined the ROCKETS, a Windsor mountain bike club. He couldn't get enough of the adrenaline, and I just wanted to be with my dad. I participated in their local races and competed twice with the ROCKETS in the kids Ontario Summer Games. Over the years I spent countless hours on Windsor's local trails. Unfortunately, the club slowly dwindled. Many trails were revoked, and soon after became nonexistent with overgrowth.

Last year before heading out for a ride, I had the pleasure of meeting James and Dave who were a couple of friendly guys talking about starting up WEBC bike club. They said they wanted to bring different riding styles together as a whole in order to gain traction for a bike friendly community. Their ideas brought back great memories of the ROCKETS. In just 1 year, WEBC has accomplished so much. Supporting local races, organizing group rides and the Libro Trails just to name a few. As a member of WEBC I have met many people just as passionate about riding.

As an Amherstburg resident, it felt like a pipedream to think my hometown could have a mountain bike trail. Starting as just an idea, the idea quickly turned into fundraising which quickly turned into digging. What has taken other bike clubs years, WEBC has accomplished in months. The downhill section at the Libro is unique to Windsor Essex County and makes the trail system a must stop for the biking community.

Being able to help build the trail has been a proud moment. Although riding is fun, watching the kids enjoying the trails with their parents brings the real joy. Having options for the youth in our community is important. Keeping them active and engaged. I know this is just the beginning of WEBC's accomplishments. I truly would like to thank WEBC for making this happen, and the town for giving their support. I cannot wait to "shred the trails" with my children one day.

*Amanda Dywelska
Local Amherstburg Resident / Avid Cyclist*





Who Are These Trails For?

WEBC promotes safety and skill progression!

- Trail planning for Phase 2 will continue to incorporate plans for multiple skill levels of riders, to maximize the appeal and safety the Libro Trails offer for people within the community.
- More trail developed at the Libro Centre can offer a safe and inexpensive outlet for young adults to learn new skills, meet new friends, and offer a productive way to spend free time.
- Phase 2 would also further help offer families an inexpensive activity that can accommodate young or old for fun that can be shared together.

Ultimately, it is WEBC's priority to have a safety first approach, that would allow a variety of riders to improve and progress their skills at the Libro Trails.



Phase 2 Details








Windsor Essex Bike Community proposes for Phase 2 of this project to add another premier level cross country trail loop behind the Libro Centre. This added trail would help the Libro Trails evolve into a significant trail network that can properly host different events and offer an improved riding experience for trail users.

Phase 2 of this project would include the construction of a 3 km XC cross country loop that will connect with the existing Phase 1 trails.

This trail would be considered an "intermediate" level trail that will help offer room for riders to progress their skills. Having an intermediate XC cross country trail would help compliment the existing beginner "Pioneer" trail built in Phase 1 of the project. All trail features in Phase 2 will be consistent with IMBA's trail difficulty rating system.

IMBA Trail Difficulty Rating System



	 EASIEST WHITE CIRCLE	 EASY GREEN CIRCLE	 MORE DIFFICULT BLUE SQUARE	 VERY DIFFICULT BLACK DIAMOND	 EXTREMELY DIFFICULT DBL. BLACK DIAMOND
TRAIL WIDTH	72" (1,800 mm) or more	36" (900 mm) or more	24" (600 mm) or more	12" (300 mm) or more	6" (150 mm) or more
TREAD SURFACE	Hardened or surfaced	Firm and stable	Mostly stable with some variability	Widely variable	Widely variable and unpredictable
AVERAGE TRAIL GRADE	Less than 5%	5% or less	10% or less	15% or less	20% or more
MAXIMUM TRAIL GRADE	Max 10%	Max 15%	Max 15% or greater	Max 15% or greater	Max 15% or greater
NATURAL OBSTACLES AND TECHNICAL TRAIL FEATURES (TTF)	None	Unavoidable obstacles 2" (50 mm) tall or less Avoidable obstacles may be present Unavoidable bridges 36" (900 mm) or wider	Unavoidable obstacles 8" (200 mm) tall or less Avoidable obstacles may be present Unavoidable bridges 24" (600 mm) or wider TTF's 24" (600 mm) high or less, width of deck is greater than 1/2 the height	Unavoidable obstacles 15" (380 mm) tall or less Avoidable obstacles may be present May include loose rocks Unavoidable bridges 24" (600 mm) or wider TTF's 48" (1,200 mm) high or less, width of deck is less than 1/2 the height Short sections may exceed criteria	Unavoidable obstacles 15" (380 mm) tall or less Avoidable obstacles may be present May include loose rocks Unavoidable bridges 24" (600 mm) or narrower TTF's 48" (1,200 mm) high or greater, width of deck is unpredictable Many sections may exceed criteria

Outlines different trail difficulty ratings based on IMBA standards of trail building.
The Libro Centre trails will follow these IMBA set standards.



Phase 2 Project Timeline



Libro Centre Trail Phase 2 Construction Process:

- **Phase 2** of the project would be completed by the **Spring / Summer of 2024**.
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PHASE 2: Trail Details

Phase 2 will consist of:

1. Construction of a 3 km **cross country XC loop**.
 - This trail would contain more "intermediate" level trail features.
 - Phase 2 would provide riders the opportunity to progress their cycling skills and compliment the already existing beginner level "Pioneer" cross country trail.
 - By adding Phase 2, the Libro Trails would have a combined total of 5 km of trails between existing Phase 1 trails and the proposed additional trail in Phase 2.
 - **Phase 2** would be completed by **Spring / Summer 2024**.

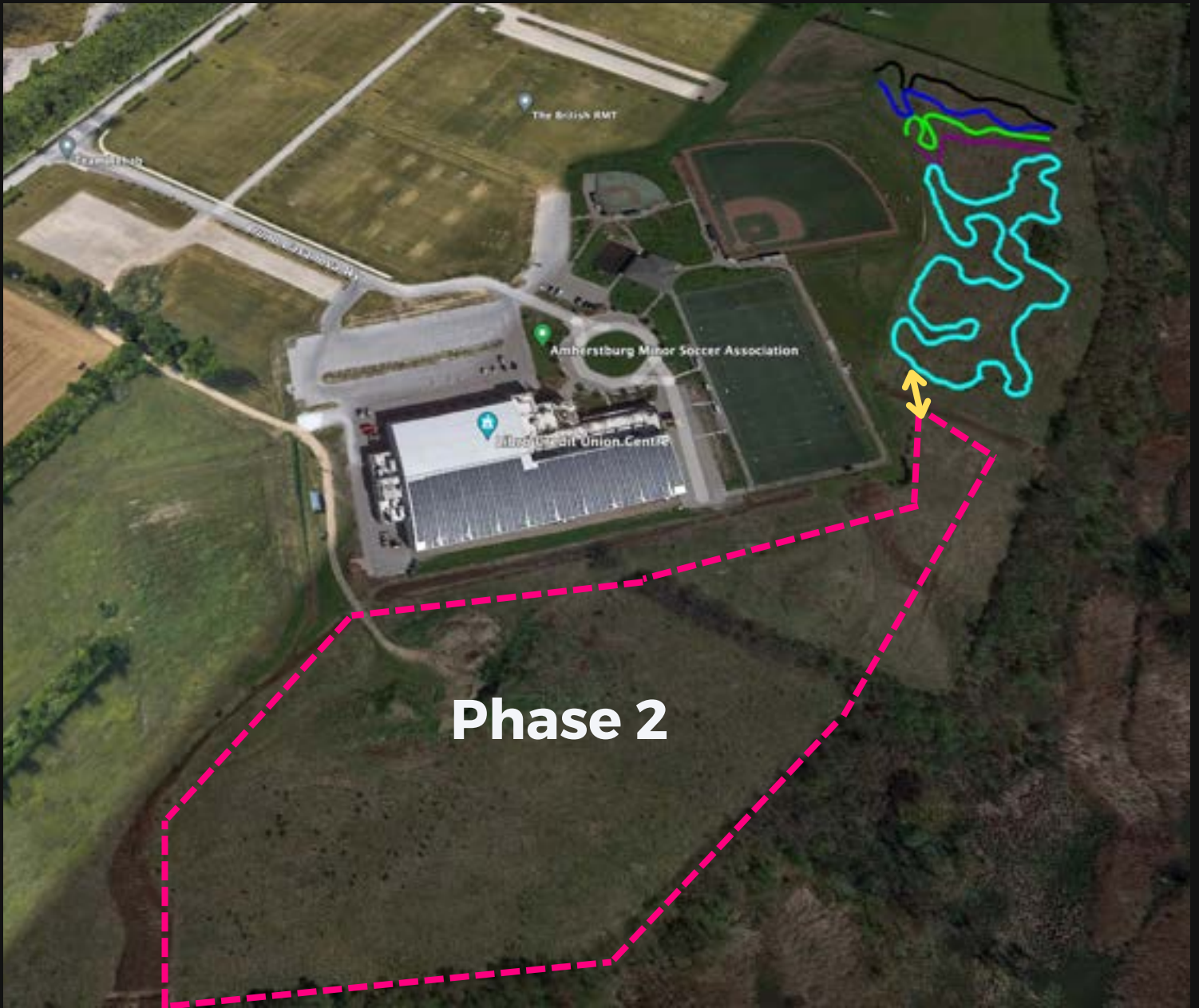
All trail designs and construction will follow the IMBA (International Mountain Bike Association) standards of trail building.



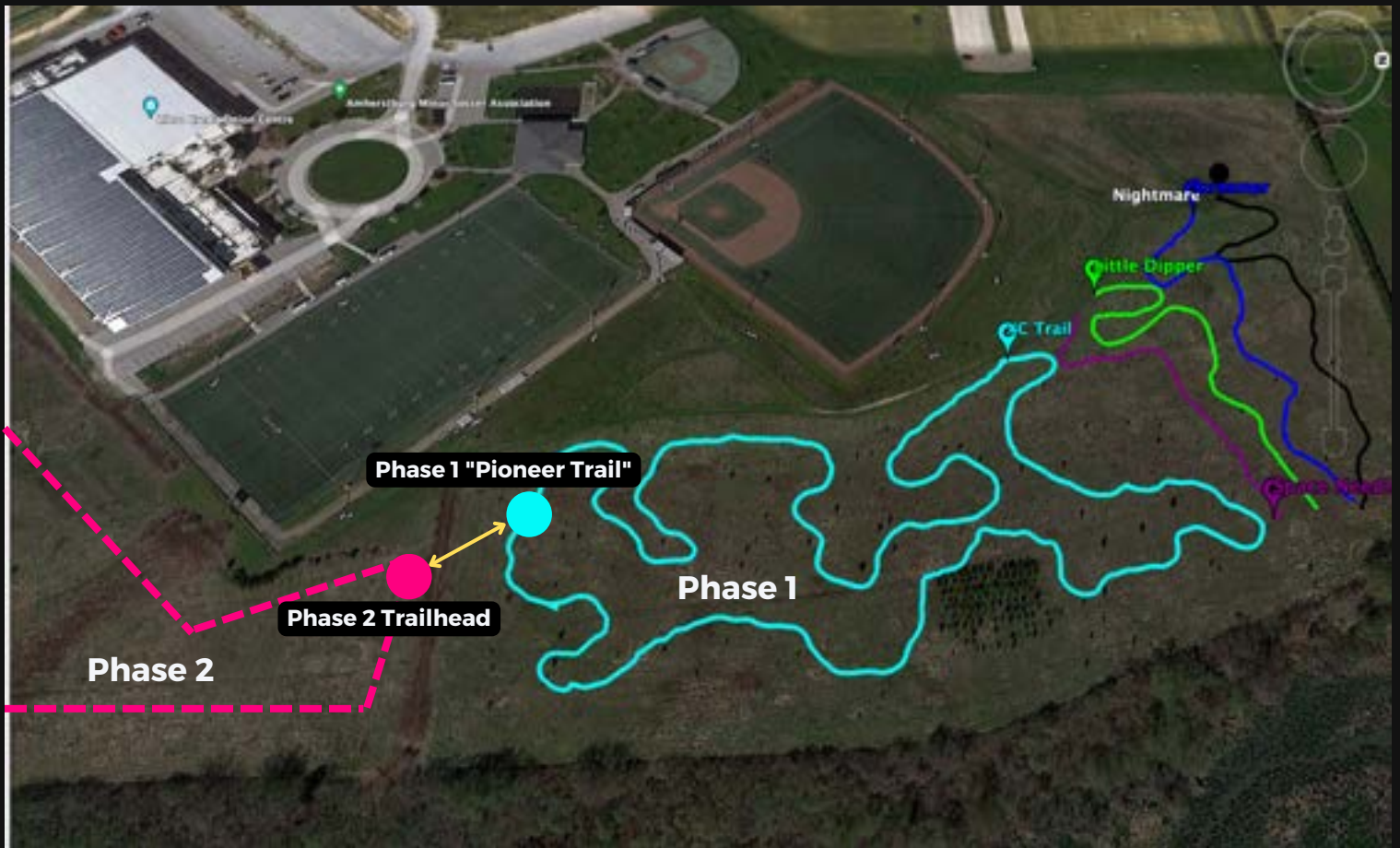


PHASE 2: Trail Mapping





Above shows a proposed border outline of the area of land that would be utilized for the Phase 2 XC cross country trail.



Phase 1 and Phase 2 would be connected so riders have a variety of trail to link together.



PHASE 2: Trail Design

General Trail Planning Guidelines

The trail design guidelines outlined below would be utilized for the construction of Phase 2 of the Libro Centre trails. These guidelines will help ensure trails built will be environmentally sustainable while providing an enjoyable and consistent riding experience.

1. Bi-Directional Loops

Bi-directional trail loops are a series of trails that connect in a circle. These trail loops are often designed so they can be ridden in either direction. Being able to ride a trail loop in both directions creates two trails in one, by essentially doubling the trail options and features.

To increase safety, bi-directional loops also allow users to complete a loop and avoid an “out and back” which eliminates the chances of riders having a head on collision. Through clear signage, WEBC intends to alternate trail direction on opposite days for Phase 2. This will ensure all riders flow in the same direction while riding. Signage and trail direction will match what has already been adopted and used for Phase 1 trails. This will create a consistent and safe interconnecting trail network.



2. Develop Sustainable Trails

WEBC fully intends to continue to develop & construct sustainable trails for the Libro Centre. This entails three key elements. Ideally a sustainable trail has as little impact on the environment as possible, resists erosion, blends with the surrounding terrain. Prioritizing these trail design elements greatly reduces the trail's ecological impact and protects native wildlife & plant species in the surrounding area of the trail. Trail design for the Libro Centre will utilize resources provided by IMBA (International Mountain Bike Association) to ensure trail sustainability. For more information on sustainable trail design, please refer to Trail Solutions: IMBA's Guide to Building Sweet Singletrack, Managing Mountain Biking: IMBA's Guide to Providing Great Riding, and Bike Parks: IMBA's Guide to New School Trails, all published by IMBA.



3. Signage

The implementation and construction of any mountain bike trails require a clearly visible system of signs. Signs are crucial to communicate key rules and guidelines between land managers and riders on the trail. A proper signage system greatly enhances the trail experience of riders, helps visitors navigate the trail network, and provides important safety information.

Signage also plays a critical role in managing potential risk and potential injury response situations. Recommended signage for the trails should be simple, clear, and located every major intersection of trail to help riders not get lost. Trail signs are also very important for communicating trail difficulty and distance to users so riders know which trail is appropriate for them to ride based on their skill level. Trail signs for Phase 2 will be consistent and contain the same important and necessary information as the signs installed for Phase 1 trails.

Libro Centre Trails - Phase 1



RIDE SMART!

Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

PRE-RIDE

Check the weather and road conditions. Check the trail conditions. Check the trail map. Check the trail difficulty. Check the trail distance. Check the trail time. Check the trail cost. Check the trail location. Check the trail availability. Check the trail status. Check the trail information. Check the trail details. Check the trail features. Check the trail benefits. Check the trail risks. Check the trail rewards. Check the trail outcomes. Check the trail impacts. Check the trail effects. Check the trail consequences. Check the trail results. Check the trail achievements. Check the trail successes. Check the trail failures. Check the trail lessons. Check the trail experiences. Check the trail memories. Check the trail stories. Check the trail legends. Check the trail myths. Check the trail secrets. Check the trail treasures. Check the trail wonders. Check the trail marvels. Check the trail miracles. Check the trail magic. Check the trail enchantment. Check the trail spellbinding. Check the trail mesmerizing. Check the trail hypnotizing. Check the trail mesmerizing. Check the trail hypnotizing. Check the trail mesmerizing. Check the trail hypnotizing.

BE-RIDE

Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

FREE-RIDE

Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

Rules of the Trail

1. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

2. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

3. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

4. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

5. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

6. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

7. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

8. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

9. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

10. Follow the rules of the trail. Always wear your seat belt. Always wear your helmet. Always wear your safety vest. Always wear your gloves. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear. Always wear your shoes. Always wear your socks. Always wear your pants. Always wear your underwear.

The Pioneer



- XC Cross Country Trail
- Ride within your limits
- Ride indicated daily trail direction
- Stay on the marked trail
- Ride at your own risk
- Wear a helmet
- Pass with care



For Emergencies call 911

For NON emergencies call the Town of Amherstburg at 519-736-5712

Trail signs also communicate a lot of important information regarding trail use direction (may alternate for bi-directional loops), trail etiquette, areas of trail under construction or maintenance, or potential areas off limits to riders based on preserving environmental sustainability. It is WEBC's full intention to continue to implement a trail map system and signage that consist of all of these important factors.

4. Design Flagging

Windsor Essex Bike Community intends to lay our Phase 2 trail design using flags to ensure the trail is laid out properly and accurately before actual trail construction begins.



PHASE 2: Project Construction

Land Stewardship Agreement

It is WEBC's intention to continue to utilize our established land stewardship agreement between our organization and the Town of Amherstburg to construct Phase 2. Our organization will also continue to use experienced and fully insured volunteer trail builders. The trail for Phase 2 would be constructed entirely based upon agreed trail designs & the specified building locations shown in this proposal. Most importantly, by continuing to utilize a land stewardship agreement, the Libro Centre can add even more trail to the existing Libro Trails. This will not only help establish the Libro Trails as a significant cycling trail network, but will also be constructed for a fraction of the cost of other similar recreational venues or contracted trail networks.



Volunteer Maintenance Crews:

As outlined above, the continued use of our land stewardship agreement between Windsor Essex Bike Community (WEBC) and the Town of Amherstburg would allow for a fantastic opportunity to develop Phase 2 of this project. WEBC also proposes that under the guidance of the Town & Libro Centre staff, our volunteer trail crews could also maintain Phase 1 and Phase 2 the Libro Centre trails. This would create numerous benefits such as:

- Extremely low-cost trail maintenance.
- Increased safety and improved trail experience for all users.
- Increased protection for the local ecosystem and wildlife.
- More opportunity for Amherstburg residents to volunteer and help their community.
- Increased trail appeal and more overall users, that would promote all the positive social & economic impacts explained earlier in this proposal.



General Trail Construction Guidelines

1. Construction Roles

The construction of the Libro Centre Phase 2 trails will be carried out by a combination of skilled & experienced builders volunteering with WEBC for this project in combination with other less experienced volunteers from the community. More technical and difficult parts of the trail construction (dirt molding, feature building, and heavy equipment use) will be carried out solely by experienced trail building volunteers while more basic preparation, labour, and clean up tasks will be executed by less skilled volunteers.

2. Equipment

Most of the trail construction for Phase 2 will be done by hand using manual hand tools. However, for moving larger amounts of dirt and resources other equipment will also be used. Such equipment could include mini-excavators, mini skid steers, tracked haulers and plate compactors.



Phase 2 Tree Planting Initiative

WEBC hopes to use Phase 2 trail construction as an opportunity to partner with ERCA (Essex Region Conservation Authority) to plant trees surrounding the Phase 1 and 2 trails. Windsor Essex Bike Community and the entire riding community firmly prioritizes protecting the local environment and believe our organization can help make our trails more naturalized through tree planting.

Not only would adding more trees help the local environment, but also more trees near the trail would add to the overall aesthetic and create a more enjoyable riding experience for riders using the trail.

This tree planting initiative could be just another major positive impact of Phase 2 of this project. It would be a relatively simple enhancement to the area while the trails are being constructed.



PHASE 2: Town of Amherstburg Assistance



1. Libro Centre Dirt Transportation

Windsor Essex Bike Community (WEBC) will complete Phase 2 of this project almost entirely through our organization's volunteer labour. However, one important factor of Phase 2 construction would be having the Town of Amherstburg's assistance again in transporting dirt to the trail construction site.

Approximately 90 cubic meters of dirt from the large dirt pile in the far corner of the Libro Centre would need to be transported to the Phase 2 trail construction area.

The large dirt pile behind the Libro Centre is close to the Phase 2 construction site so it will be much easier to move the dirt this time around than the dirt transportation carried out in Phase 1 trail construction.

We hope this transporting of dirt can be coordinated once again for Phase 2 of this project!



PHASE 2: Project Costs



Windsor Essex Bike Community (WEBC) is so excited to continue to work with the Town of Amherstburg through our land stewardship agreement. By using this land stewardship agreement WEBC volunteers can once again perform costly trail building labour at no cost to the municipality or residents.

Our current agreement will allow the Libro Centre to implement more distance of trail at a fraction of the cost if it were to be built by a contracted trail builder.

Libro Centre Trail Equipment Costs

1. Libro Centre Trail Resource & Equipment Costs

Below is a list of trail resource & equipment costs needed to properly implement Phase 2 of the Libro Centre trails. We hope through financial support from potential donors, that we can move forward with phase 2 of this project! Total project costs for Phase 2 is estimated to be approximately \$15,000.

Heavy Equipment Rental (7 Day Cost)	Price	Total
Trail Building Materials & Equipment	\$5,000	\$5,000
Bobcat (14 day rental)	\$2,800	\$2,800
Bobcat Brush Cutter Attachment (2 day rental)	\$480	\$480
Bobcat Harley Rake (2 day rental)	\$200	\$200
Tamping Machine (7 day rental)	\$250	\$250
Fuel	\$1,400	\$1,400
Phase 2 Trail Signs (5 signs)	\$5,000	\$5,000
Total		\$15,130





Project Next Steps: Funding Options

1. OPTION #1: Donor & Grant Funding

Ideally, Windsor Essex Bike Community would prefer to fund Phase 2 project costs needed for equipment and resources using grant, sponsorship, and donor funding! This would remove any need for financial assistance from the Town of Amherstburg.

In order for that to happen, it is essential WEBC receives a **conditional approval for Phase 2 of the project**, so we can apply to grants and approach potential donors with confidence that this project will indeed move forward with their potential donations.

We ask Town Council to provide WEBC a **conditional approval for Phase 2 of this project**, stating that if our organization can raise the necessary funds needed to complete Phase 2 of this project, the Town of Amherstburg will fully approve this second phase of Libro Trails construction.

2. OPTION #2: Hybrid Funding

If Phase 2 of this project cannot be funded solely from grant, sponsors, and donors, WEBC hopes Town Council can support this project with the remaining funds needed to implement Phase 2 of this project. WEBC will exhaust every option and utilize as many potential donors as possible to fund this project, however if unable to fund this project solely from donors, we hope Town Council will also support the project financially to implement Phase 2 construction!

As mentioned above, we hope we can receive a **conditional approval** for the project to begin fundraising, approaching donors, and applying to grants!



Project Next Steps: Summary

For WEBC to take next steps towards the implementation of Phase 2 of the Libro Centre Trails, our organization would need the following from Amherstburg Town Council:

- 1. Project Conditional Approval:** stating that if WEBC can raise the necessary funds needed to complete Phase 2 of this project, the Town of Amherstburg will fully approve this second phase of Libro Trails construction.
- 2. Coordinating Dirt Transportation:** one important factor of Phase 2 construction would be having the Town of Amherstburg's continued assistance in transporting dirt to the trail construction site. We hope this can be coordinated to expedite trail construction and minimize construction costs!



Project Next Steps: Imagine the Possibilities!



By developing Phase 2 mountain bike trails at the Libro Centre, the Town of Amherstburg would be adding to an already unbelievable recreational asset to the community. For the Libro Centre, the addition of more trail would further cement it as a world class athletics and recreation center and unlike any other venue in Southwestern Ontario.

Moreover, the added trails from Phase 2 of this project would transform the Libro Trails into an improved interconnecting trail network that would attract more cyclists from all over the region. This would lead to substantial positive economic impacts and boosted tourism for the Town of Amherstburg. Most importantly, this added phase of trails would meet a huge need for mountain biking areas in Windsor & Essex County. By investing into these trails, the expected return would be a substantial growth in cycling and encourage even more young people in our community to ride bikes. Lets take the Libro Trails to another level and see the incredibly positive impacts Phase 2 of this project can have on our community!