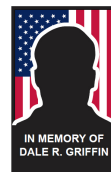


# *Griffin Bike Park*

## *Next Level Trails Project*



**VIGO COUNTY  
PARKS & RECREATION  
DEPARTMENT**



*Presented by the Shepherds of Griffin Bike Park a 501.c3 non-profit.  
In Partnership and Collaboration with Vigo County Parks and Recreation  
Department and the Friends of Griffin Bike Park.*

**Contact: Gene Griffin**  
**812-243-6594; [gene.ShepherdsGBP@gmail.com](mailto:gene.ShepherdsGBP@gmail.com)**

# Griffin Bike Park

## Next Level Trails Project

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# Griffin Bike Park - Next Level Trails Project

## Section 1. Project Background



*XC mountain bike race start at the Griffin Bike Park Festival*

*“The Griffin Bike Park is a model project – a true collaboration among state and local government and the community at large. It’s about tourism and economic development, quality of place and quality of life, but perhaps most importantly, it’s also about honoring those servicemen and servicewomen who have fought and laid down their lives for the protection of our freedoms, our friends and our families.”*

*– Lt. Governor, Suzanne Crouch*

### ***Nationally Recognized***

In 2017 the Griffin Bike Park was recognized by the National Recreation and Parks Association, the largest association of parks and recreation professionals in the United States, with its coveted award for the **National Park Design of The Year** in recognition of the parks bold design concept and dynamic range of trails and facilities. The following year, the Indiana Recreation and Parks Association recognized Griffin Bike Park with the **2018 Park Design Excellence Award** and served as a further acknowledgment of the tremendous public-private partnership between Vigo County Parks and the volunteers of the Friends of Griffin Bike Park.



# Griffin Bike Park - Next Level Trails Project



*Rider pulling a tailwhip 360 in the jump park at Griffin Bike Park.*

*"I believe that the Griffin Bike Park will have a positive effect on the community and state as a whole by providing new recreational activities that promote positive and healthy outdoor lifestyles, as well as a significant economic impact by becoming an adventure tourism destination that is unique to our region."*

*– Mike Pence, Vice President of The United States*

## ***Destination Riding Area***

Beyond the national awards and recognition, since it's opening in 2016, the park has become established as a bonafide destination riding area, ***attracting over 50,000 riders*** annually from around the nation while providing the local community with a world-class facility, exciting special events, and professional programming. In 2019 singletracks.com, one of the premier mountain bike trail websites designated Griffin Bike Park as the ***19th ranked destination riding area in the world and the #1 riding destination in Indiana!***





# Griffin Bike Park - Next Level Trails Project



*12X World Champion Brian Lopes backflips off the lake jump at the Griffin Bike Park*

*“This place is amazing from the trails, to the dirt jumps, pump track, dual slalom race course to the lake jump and the floating water trail. Griffin Bike Park is truly a world class facility!” –Brian Lopes, 12X World Champion Mountain Biker*

## **World Class Facilities**

The Griffin Bike Park is a **full spectrum bike park** with a suite of world class riding facilities including a purpose built MTB trail system and 7 specialized riding areas. The “Global Command” trail system features purpose-built bike trails showcasing the dynamic terrain created by the historic strip mining activities and 50-years of forest revegetation. Two core trails provide access to the **beginner, intermediate and advanced trail networks**, and the specialized riding areas within the park. Technical trail and enhanced terrain skills features throughout the trail system are provided as “optional lines” for riders wanting a higher level of technical challenge and “ride arounds” for riders that don’t. The 7-acre “Landing Zone” Terrain Park (LZ) has a competition level **dual slalom track, dirt jump park, pump track, skills park and kids track**. Each area is designed as a venue for competitions, events, demonstrations, coaching and instruction, camps and clinics. The 5-acre “Basic Training” Skills Park **1-mile Kids Loop Trail and Skills Loop**, providing riders with a preview of the varied terrain and technical features they will encounter on the trails. The “Seal Team” Training Park with the **Lake Jump and Floating Water** trail provide high end progression based training features.



# Griffin Bike Park - Next Level Trails Project



*Trail Boss and World Record Holder, Jeff Lenosky surrounded by the Griffin Bike Park crew.*

*"I was blown away and quickly realized that they didn't just build a world-class bike facility, they've built a bike community" – Jeff Lenosky, Pro Mountain Biker, World Record for the Bunny Hop.*

## **Built For Community**



By all accounts the Griffin Bike Park has been recognized as a wildly successful project, but despite the accolades and the popularity of the facility, the full vision for the park has not yet been realized. While the Friends of Griffin Bike Park were undeniably successful in marshaling more than **1,800 individual volunteers** to contribute more than **20,000+ hours of volunteer labor**, and also raised more than **\$1.5M in cash and in-kind contributions** to complete the phase 1 construction, there is more to be done. While the County has leveraged its modest resources and dedicated staff to successfully manage and operate the park, they have limited resources available for completing the build-out of the trail system as well as the basic trailhead amenities that remain as yet unfinished.





# Griffin Bike Park - Next Level Trails Project



*Friends of Griffin Bike Park volunteer trainings and work projects.*

*“If it were not for the Friends of Griffin Bike Park and the Shepherds helping out with both the maintenance and fundraising for the park — we would not be able to make it work” – Adam Grossman, Vigo County Parks, Superintendent.*

## **Built By Friends**



In 2014, the Vigo County Parks and Recreation Department *established an **exploratory bike park committee*** to determine the feasibility of developing some trails at the park. In 2015, Vigo County hired design firm **Hilride Progression Development Group LLC** to lead the design development process for the project. That same year the exploratory committee was formally established as the **Friends of Griffin Bike Park** in order to launch a grass-roots fundraising campaign and manage the rapidly expanding volunteer effort. In 2019, the **Shepherds of Griffin Bike Park** was established as a dedicated 501(c)(3) non-profit to focus on the long-term fundraising and support of the park and to become eligible to pursue various grant opportunities, private donations and corporate sponsorships including the Next Level Trails grant. The Shepherds will be responsible for the management and administration of the grant in partnership with Vigo County Parks and Recreation Department and collaboration with the Friends group. We have committed to raising at least **40% matching funds** in order to deliver a competitive, shovel ready project that will put **14.5 miles of trail** on the ground **within 30 months** of the award of the grant. And we have created the organizational capacity to provide **on-going fundraising and support** to directly fund the **long-term maintenance and operation** of the park and the trails.



# Griffin Bike Park - Next Level Trails Project



*Proud dad and 1,000 Hour Volunteer, Jeremy Stakeman enjoying the park with the entire family.*

*"I am able to bring the whole family out to the park and spend the entire day riding the trails and just running around exploring the woods, the many ponds and nature in the park. It has been a game changer for the health and wellness of my wife, my kids and me personally." – Jeremy Stakeman, Father of 4 and 1000 Hour Volunteer*

## ***Built For Family***

The vision for the Griffin Bike Park was to ***create a hub for the community to bring families closer together***. If you visit the park today, you will find that it has truly become a hub for the community with a wide range of ***programs, camps and clinics designed to introduce new riders to the sport*** and to model healthy active outdoor lifestyles for the entire family. A 1-mile beginner, basic training skills trail, a 5-mile beginner loop trail and a skills park are designed to provide first time, beginner and disabled riders with positive learning experiences that build safe riding skills. And with the addition of 1.5 miles of new trail and the improvement and enhancement of the 5 mile beginner loop riders will ***provide even more opportunities for beginner riders to enjoy the park***. In addition the "Trips For Kids Chapter Program" is designed to provide ***underserved kids and families*** with bikes, helmets and trained ride leaders to get out on the trails. And the "Interscholastic Mountain Bike Team Program" is designed to provide ***middle and high school aged riders*** with skilled coaches and ride leaders and team based experience to further develop riding skills and fitness. And the "Skills Clinic Program" is designed to provide both first time riders as well as advanced riders with expert level professional coaching, skills instruction and training.





# Griffin Bike Park - Next Level Trails Project



*Throwing the horns during the ribbon cutting for the first section of the Adaptive MTB "Warrior Trail".*

*"The use of typical and adapted cycling equipment for people with disabilities allows them to enjoy time with their friends and family, pursue fitness goals, and engage in competition and as an individual who uses a wheelchair and handcycle, I enthusiastically support this project!" – Don Rogers, Ph.D., CTRS, Professor, Recreation Therapy Program Coordinator at Indiana State University*

## **Built For Inclusion**

The vision for the Griffin Bike Park is to create a destination that is **accessible and inclusive of every person in the community**. We will strive to be as accessible and barrier free as possible for all visitors. Facilities, trails and outside park areas will continue to be improved and upgraded for easier access for those with limited mobility. And all aspects of our project will be designed to **comply with the Americans with Disabilities Act of 1990**. And we will strive to include everyone in the community regardless of age, race, gender, or socio-economic background by **reducing barriers to participation** through our Trips For Kids, **loaner bike and free helmet programs**. And finally while the park has 6 miles of beginner level trails for first time, beginner and disabled riders our proposal will expand these offerings with 1.5 miles of new beginner trails and the improvement and enhancement of the 5 mile beginner loop **to make it even more friendly and accessible** for these riders.



# Griffin Bike Park - Next Level Trails Project



*Dedicated to the men and women of the Army, Navy, Airforce, Marines and Coast Guard.*

*“Our mission is to honor and empower those who have served our country”  
– Gene Griffin, Father of Dale R. Griffin*

## ***A Monument to Freedom***

The Griffin Bike Park project was founded on the core values of ***Freedom, Family, Friendship and Community*** and designed as a monument to freedom to honor, empower and celebrate those who have served our country and who gave their lives to protect these values for us all. ***The park is named in honor of Sgt. Dale R. Griffin***, who grew up in Terre Haute and was an active member of the community. Dale became a Sergeant in the US Army and gave his life on October 27, 2009, while serving in Operation Enduring Freedom, in Afghanistan. Dale and his family were avid mountain bike riders, and went on many trips together to riding destinations around the country. As a family they always wanted to be able to ride closer to home so that they could ride more often and share their experiences with their friends. ***Together, the Griffin Family including mother, Dona, father, Gene and brothers Blake, Clint and daughter Cali, as well as the grandkids have played a central role*** in establishing the Griffin Bike Park project, and in the formation of the Friends of Griffin Bike Park group in order to bring world class mountain biking to the communities of Terre Haute and Vigo County.



*The Griffin Bike Park is named in honor of US Army Sergeant, Dale R. Griffin.*



# Griffin Bike Park - Next Level Trails Project

## Section 2. Project Vision



*Left: Blind Navy Veteran Lonnie Bedwell enjoying the trails on the back of a tandem bike piloted by Greg Miller. Right: an 82 year old, Marilyn Price, Founder of the National Trips for Kids Program helps a 3-year old rider on a push bike ride around the pump track at the Griffin Bike Park.*

*“Words cannot describe what it means when you have people that simply believe in you and provide you the opportunity to live a life that you no longer thought existed. This park includes us instead of excludes us. It makes us feel as if our sacrifices, along with those memorialized in this park, truly mean something. This park provides freedom and independence to those who cannot walk, light in the darkness for those of us who cannot see, and hope for each and every one of us.” – Lonnie Bedwell, Blind, Navy Veteran, National Geographic 2015 Adventurer of the Year*

### **Vision**

Our vision is to take the nationally recognized Griffin Bike Park to the Next Level by **building out the world-class trail system and amenities** envisioned in the original **master plan** and to dramatically improve the long-term sustainability of **one of Indiana’s most popular destination riding areas\***. Such an investment would be backed up by a **proven track record of a public-private partnership** between Vigo County, the Friends of Griffin Bike Park and the national award-winning design firm, Hilride Progression Development Group LLC, which was responsible for creating the original vision and the comprehensive design and development of the first phase of the project. The NLT investment would be justified as Vigo County is currently classified as having the **second-lowest access to trails per capita in the state** and **no NLT funding was awarded to the county in round one.**





# Griffin Bike Park - Next Level Trails Project



*Rich Moore, Bike Park Manager, Volunteer Trail Work Day, Grandma and Grandson hitting the pump track, start of the Dual Slalom Race Course, Young Riders on the Podium at the Griffin Bike Park festival.*

## **Phase 2 Project**

In order to realize the full vision of the Griffin Bike Park ***our community has pulled together an incredible network of resources*** including commitments of cash, in-kind contributions and volunteer labor. This is the second time that the community has come together to build out the vision for the park, this time inspired by our Phase 2 expansion of the park. The level of support is the direct result of the efforts of the Shepherds of Griffin Bike Park who have ***worked tirelessly*** to identify potential donors, educate those donors on the background and history of the project and on the limited capacity of Vigo County Parks and Recreation to fund the further advancement and build out of the project. These donors, funders and sponsors ***understand the unique opportunity*** that the Phase 2 Expansion Project provides and ***have been highly motivated to have their donations go to such a World Class Venue.***



# Griffin Bike Park - Next Level Trails Project



*Left: Trail entrance gantry leading for the to be completed “Lake Loop Trail” which is shovel ready, but has been unfunded for three years. Right: The “temporary, now long-term” portable restrooms currently serving one of the most popular riding destinations in the State of Indiana as their is currently no funding to complete the proposed restroom and basic trailhead amenities.*

The entire community understands that the basic infrastructure and trail improvements proposed in the grant **would otherwise take years or decades to complete**. And that even as the park has become one of the most popular destination riding areas in the state of Indiana, **the actual visitor experience is by any measure still rather primitive** as the 50K visitors each year must rely on the temporary portable restrooms that are currently provided. And further that even as the park has become a destination for Wounded Warriors and disabled riders accessing the trails with adaptive MTB equipment, the **ADA accessibility of the park and it's facilities is still rather limited**. And finally that even as Flower Park with it's 100K visitors each year is a bonafide destination in it's own right, there is no safe access for visitors to navigate between Fowler and Griffin Parks. Our network of supporters know that **this project will not happen without the Community's help** and have stepped up to assist us realize the profoundly positive impact that this project will provide for our region.



# Griffin Bike Park - Next Level Trails Project

## Section 3. Summary Overview



*Young riders on the podium at the Annual Griffin Bike Park Festival.*

### **EXECUTIVE SUMMARY**

The proposed “Griffin Bike Park - Phase 2” project is designed to enhance and expand the existing destination trail system by providing a whole new level of accessibility, connectivity, and dynamic trail experiences at the park. The proposed improvements are also designed to dramatically improve maintenance and EMS access, improve visitor experience and safety and streamline operations to improve the long-term sustainability of the park.

Accessibility and inclusiveness will be dramatically improved with the construction of an ADA accessible restroom, trailhead amenities and an innovative 4-mile Adaptive MTB trail specifically designed for use by people with disabilities that require specialized adaptive equipment including modified bicycles, handcycles, recumbent cycles, tandems, buddy bikes, etc. The 10’ wide “Warrior Trail” will incorporate 3 miles of existing trail that will be regraded and widened and 1 mile of newly constructed trail to create a national destination for Wounded Warriors around the country. Drainage will be improved with the installation of several culvert crossings and gravel will be used in some locations to stabilize the natural surface and allow for year-round use. The trail will also be designed with “rest area” pull-outs at regular intervals to facilitate equipment setup, skills instruction, and group rides. The grading, widening, drainage, and stabilization of the trail will achieve the dual purposes of increasing accessibility for disabled visitors and providing park maintenance, operations, and EMS access.

Connectivity and safety will be greatly improved with the construction of the .5 mile “Heroes Trail” that will include a 4’ wide Adaptive MTB park-to-park connector trail and an improved roadway crossing with painted crosswalk and warning signage between Fowler and Griffin Parks. Currently, visitors have to navigate more than 1.25 miles of County roads with no shoulders to travel between the parks which do not provide safe or positive user experiences, especially for disabled visitors.

The destination level trail riding experience will be greatly amplified with the addition of six new purpose-built MTB trails that will add 10.5 miles of radical new progression based trails at the park and will build out the full vision of the award-winning designed master plan. The intermediate, advanced and





# Griffin Bike Park - Next Level Trails Project

expert level trails will each be designed with specific trail alignments, enhanced natural features, and technical trail features to provide a wide range of riding experiences, challenges, problems and obstacles for riders of all ages, skills, and abilities.

It is our intention that with these proposed improvements we will be able to dramatically increase the long-term sustainability of the park by expanding and increasing annual visitation, revenues from special events, camps and competitions and by reducing and streamlining overall maintenance and operations. It is our goal to further establish the Griffin Bike Park as one of the most important national destination riding areas in the country and to further establish the State of Indiana, Vigo County, and Terre Haute as an epicenter of mountain biking tourism.



*Disabled riders enjoying the first completed section of the proposed Warrior Trail during the Wounded Warrior Ride at the Griffin Bike Park.*



# Griffin Bike Park - Next Level Trails Project

## Section 4. Project Goals



*Neither rain, nor snow, nor dark of night...Friends of Griffin Bike Park winter group ride.*

### GOAL SETTING

With every large scale public-private partnership it is critical to identify and define the goals of the project to ensure that all of the partners have a clear understanding of the ultimate intent and vision. The goals that have been defined for this project were identified through consultation with Vigo County Parks, the Friends of Griffin Bike Park, the Shepherds of Griffin Bike Park and through conversations and feedback from various sponsors, funders, supporters and visitors to the park. The 12 goals for the project are organized into 4 major categories that are described below and further defined in the following sections.

1. *Dramatically improve and expand trail access, connectivity and experience.*
2. *Significantly increase the long-term sustainability of the park.*
3. *Expand the network of award winning partnerships and support.*
4. *Increase participation in the healthy active community programs.*

### ***Goal #1: Dramatically improve and expand trail access, connectivity and experience.***

Dramatically improve and expand trail access, connectivity and experience through the development of critical trail system and park infrastructure including ADA Accessible Restrooms and



# Griffin Bike Park - Next Level Trails Project

Trailhead Amenities, Safe and Accessible Park-to-Park Connector Trails, and next level Adaptive MTB accessible multi-use trails.

- 1. Dramatically Improve ADA and Adaptive MTB Accessibility** – Increase the access and quality of experience for disabled visitors throughout the park with new ADA Accessible Trails, Parking, Restroom and Trailhead Amenities including; an ADA Accessible Kiosk, Repair Station (for bikes and handcycles) and an ADA Accessible Drinking Fountain and Bottle Filling Station. With the construction of these facilities and the 4.5 miles of Adaptive MTB accessible “Warrior” and “Heroes” Trails the Griffin Bike Park will establish a new level of service for disabled riders in the region as the closest facilities and multi-use trails designed specifically for Adaptive MTB riders is over 10 hours away in Pocahontas State Park in Richmond, Virginia.
- 2. Create Safe Park-to-Park Multi-Use Trail Access and Connectivity** – Create trail access and connectivity between Griffin and Fowler Parks through the construction of a stabilized natural surface accessible multi-use trail and improved roadway crossing. This trail will provide safe access for the ~100K visitors to Fowler and the ~50K visitors to Griffin annually and better promote the tremendous facilities and revenue centers at both parks. Currently, campers at Fowler Park and riders at Griffin Park have to navigate over a mile of unimproved rural highway with no bike lanes to access facilities at both parks. The new trail will provide safe and convenient access for all visitors to enjoy all of the facilities available at both parks.
- 3. Enhance and Expand The Existing Multi-Use Trail System and Experience** – Enhance and expand the existing trail system through the construction of 14.5 miles of new purpose built MTB trails and build out the full vision of the original master plan for the project. Continue to build and expand interest in the park to steadily increase annual visitation and build on the 156,000 visitors to the park since construction began in 2015.

## ***Goal #2: Significantly increase the long-term sustainability of the park.***

Significantly increase the long term sustainability of the park maintenance and operations through the construction of critical trail system and park infrastructure.

- 4. Improve sustainability through trail system design** – Improve and enhance the sustainability of the existing trails, riding areas and infrastructure to streamline maintenance operations and minimize costs. With the planned improvements we project a more than 15% reduction in operations and maintenance by using sustainable trail best practices.
- 5. Improve sustainability of park operations and maintenance** – All new construction of facilities and trails would be contingent upon allocation and a plan for ongoing funding of maintenance and operation of those facilities. The current annual maintenance for the park requires an estimated 3,376\* hours per year. We estimate that with the proposed improvements will be able to reduce





# Griffin Bike Park - Next Level Trails Project

overall operations and maintenance costs by 15% even while adding and additional 10 miles of new trail to the system.

6. **Improve sustainability through professional construction and build-out** – Leverage the grant funding opportunity to bring in “professional” builders that are at the cutting edge of sustainable construction, understand current Best Management Practices and are pre-qualified with previous trail construction projects and membership in the Professional Trail Builders Association PTBA to inspire and continue the tradition of teaching and learning at the park.

## ***Goal #3: Expand the network of award winning partnerships and support.***

Expand the network of partnership and support by leveraging the excitement around the opportunity the grant funding could provide to reinvigorate the community and inspire a new wave of support and ownership in the success of the park.

7. **Expand and evolve the public - private partnership model** – Continue to evolve and refine the award-winning public agency and private partnership and collaboration between the Shepherds, the Friends of Griffin Bike Park and Vigo County Parks while expanding and leveraging the powerful, cooperative federal, state, and local agency support for the project.
8. **Expand the network of community support and fundraising** – Expand community support and fundraising efforts to provide ongoing funding to offset park maintenance and operation costs.
9. **Expand the volunteer engagement, education, training and leadership program** – Leverage and expand one of the most successful volunteer efforts in the history of the State with more than 1,800+ volunteers, attending more than 100 trail building field training and work projects at the park. And continue to provide leadership training in advocacy, coaching, guiding and instruction through organizations including; Indiana State University Leadership Training, NICA Leadership Summit, IMBA Bike Instructor Certification Program.

## ***Goal #4: Significantly increase participation in the healthy active community programs.***

Enhance and expand the healthy active community programs provided by Vigo County Parks in partnership with the Friends of Griffin Bike Park by building out the restroom, trailhead, and trail infrastructure that will support continued growth and participation in the programs, events and activities.

10. **Increase participation in the youth and family programs.**



# Griffin Bike Park - Next Level Trails Project

- **Trips for Kids Program:** launched in 2015 the national award-winning program is designed to provide kids with positive first time riding experiences and a new way of connecting with nature, healthy exercise and active lifestyles. To date, the program is responsible for providing bikes, trained ride leaders on more than (100) professionally guided rides with more than (1,000) kids from the local community and a range of after-school, church, and other community based organizations and programs.
- **Indiana Interscholastic Cycling Association Program:** launched in 2016 the program has worked to establish Indiana as an “Emergent League” of the National Interscholastic Cycling Association. To date the program has established a composite team made up of more than (30) riders from (5) different area schools, with (4) NICA certified coaches. The park also hosted the first-ever NICA National Adventure Day in Indiana in the fall of 2019.
- **Griffin Bike Park Youth Development Cycling Team Program:** launched in 2016 the program now has 10-Coaches that provide regular rides and skills instruction to 400 riders each year.

## 11. Increase participation in the special community programs.

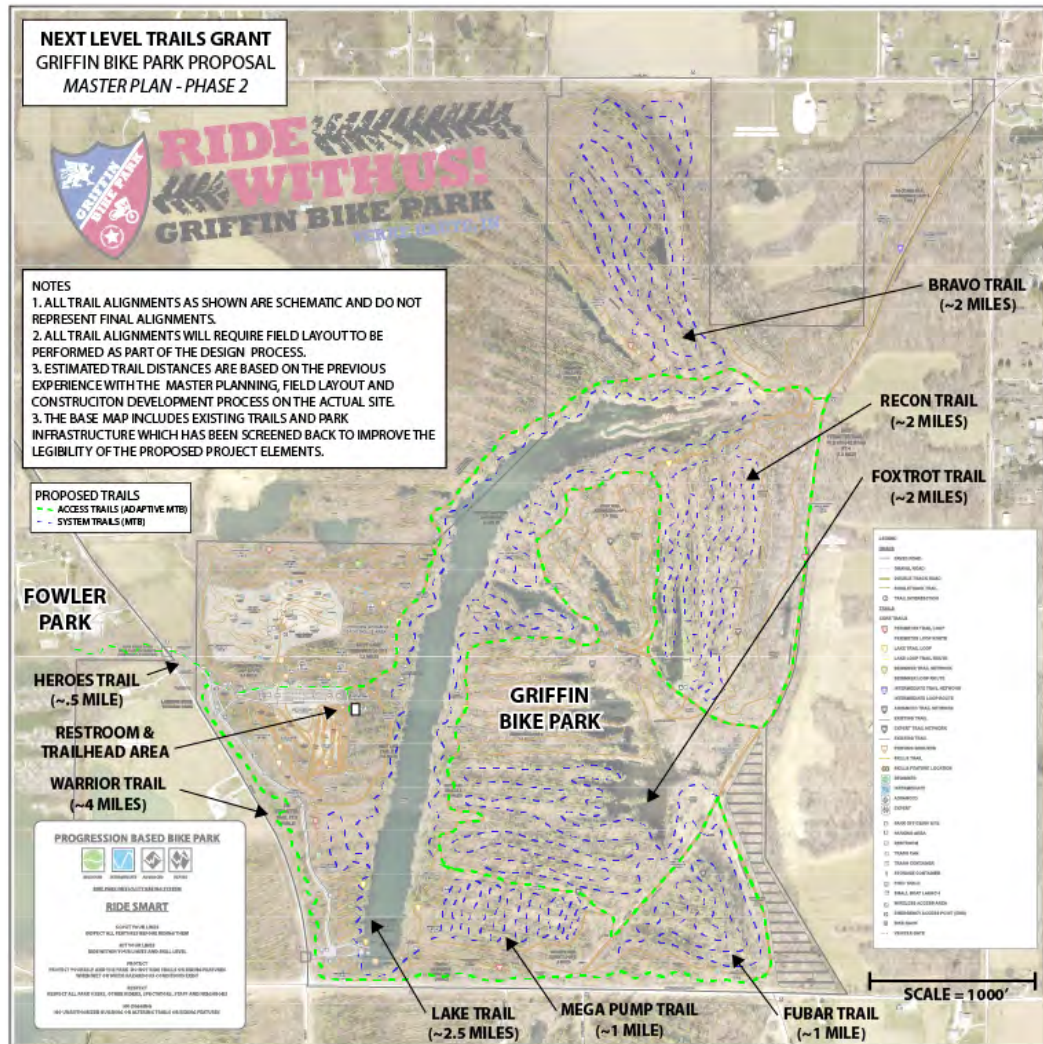
- **Warrior Program:** launched in 2015 the program is designed to provide honor, recognition, and access to world class recreation for American public servicemen and servicewomen. To date this program has included numerous events and activities including, Memorial Rides, Adaptive Loaner Equipment and Rides, Dr. Rogers Adaptive User Committee.
- **International Mountain Bicycling Association Program:** launched in 2015, the Griffin Bike Park became an official IMBA Affiliate Chapter to become part of the largest trail advocacy organization in the country. The IMBA program has included a Bike Instructor Certification Training Program and Membership Program.
- **People For Bikes Program:** launched in 2015, the Griffin Bike Park was awarded a \$7,500 grant to help establish the trails and support the community-led project, People for Bikes continues to actively promote the project on their website as a model for public-private partnerships.

## 12. Increase participation in the special events and activities programs.

- **Community Festivals and Events:** Griffin Bike Park Festival, Film Festival, Movie Nights and Film Screenings.
- **Competitive Races, Competitions and Events:** Dual Slalom Series, Short Track Series, 6 Hour / 12 Hour Races, Dino Series, Pump Track Races
- **Community Recreational Group Rides and Activities:** Weekly Group Rides, Friday Night Casual Rides, Quarterly Ride Series- Buffalo Soldiers Ride, Spring Ride, Halloween Ride.



## Section 5. Detailed Description



*Figure showing Griffin Bike Park Master Plan - Phase 2 Elements (See Site Map Attachments)*

## DETAILED DESCRIPTION OVERVIEW

In the following detailed description, each of the (3) major components of the project are defined with a summary listing and a detailed description of the specific elements associated with each component.

1. ADA Restroom and Trailhead
2. Access Trails (Adaptive MTB)
3. System Trails (MTB)





# Griffin Bike Park - Next Level Trails Project

## 1. ADA Accessible Restroom and Trailhead



*Proposed Easi-Set Model 1222 Restroom*

The proposal calls for the construction of a modest 4-stall ADA accessible restroom along with (2) designated ADA parking spaces and basic trailhead improvements. The basic trailhead improvements include an ADA Accessible Trailhead Kiosk, ADA Accessible Bicycle and Hand Cycle Repair Station and an ADA Accessible Drinking Fountain and Bottle Filling Station. These improvements are long overdue and will provide the basic trailhead amenities that visitors expect to find at a destination park facility and riding area.

<u>#</u>	<u>Element Name</u>	<u>Accessibility</u>
1	4-Stall ADA Restroom, 2-ADA Parking Spaces	ADA Accessible
2	ADA Trailhead Kiosk	ADA Accessible
3	ADA Bicycle/Handcycle Repair Station	ADA Accessible
4	ADA Drinking Fountain/ Bottle Filling Station	ADA Accessible

### ADA Accessible Restroom and Parking Spaces

The ADA compliant restroom will provide all visitors with a much higher quality experience and take the existing system of “temporary portable restrooms” to the next level. And with the addition of 2 additional designated ADA parking spaces the park experience will be dramatically improved for visitors with disabilities and reduced mobility.

#### Specification:

- The Skyline 1222 Model is an economical multi-user flush restroom building that is ADA compliant. This building has two rooms; two stalls and a sink per room. The building measures 12’ x 22’ and can handle a moderate to large volume of users. This building is delivered fully-assembled, pre-wired and pre-plumbed. This model comes standard with stainless steel



# Griffin Bike Park - Next Level Trails Project

fixtures. The chase area also can be used for storage. Manufacturers Plans and Specifications are attached in the Design and Engineering Plan Section of the proposal.

## **ADA Accessible Trailhead Kiosk**

Description: The Trailhead Kiosk will feature a detailed park trails map, a free pocket trail map dispenser, and an information board for park events and activities.

Specifications:

- Trailhead Kiosk (model to be specified)
  - Park Trails Map Sign Board
  - Park Rules Sign Board
  - Park Info Sign Board
  - Pocket Park Map Dispenser

## **ADA Accessible Repair Station**

Description: The ADA Accessible Repair Station will provide visitors with a range of basic tools, an air pump and work stand for working on bicycles and hand cycles, which should generally lead to more bikes being properly “setup and tuned” by visitors which should lead to higher quality and safer experiences for everyone at the park. Manufacturers Plans and Specifications are attached in the Design and Engineering Plan Section of the proposal.

Specifications:

- Repair Station (model to be specified)
  - Work Stand
  - Repair Tools
  - Air Pump

## **ADA Accessible Drinking Fountain and Bottle Filling Station**

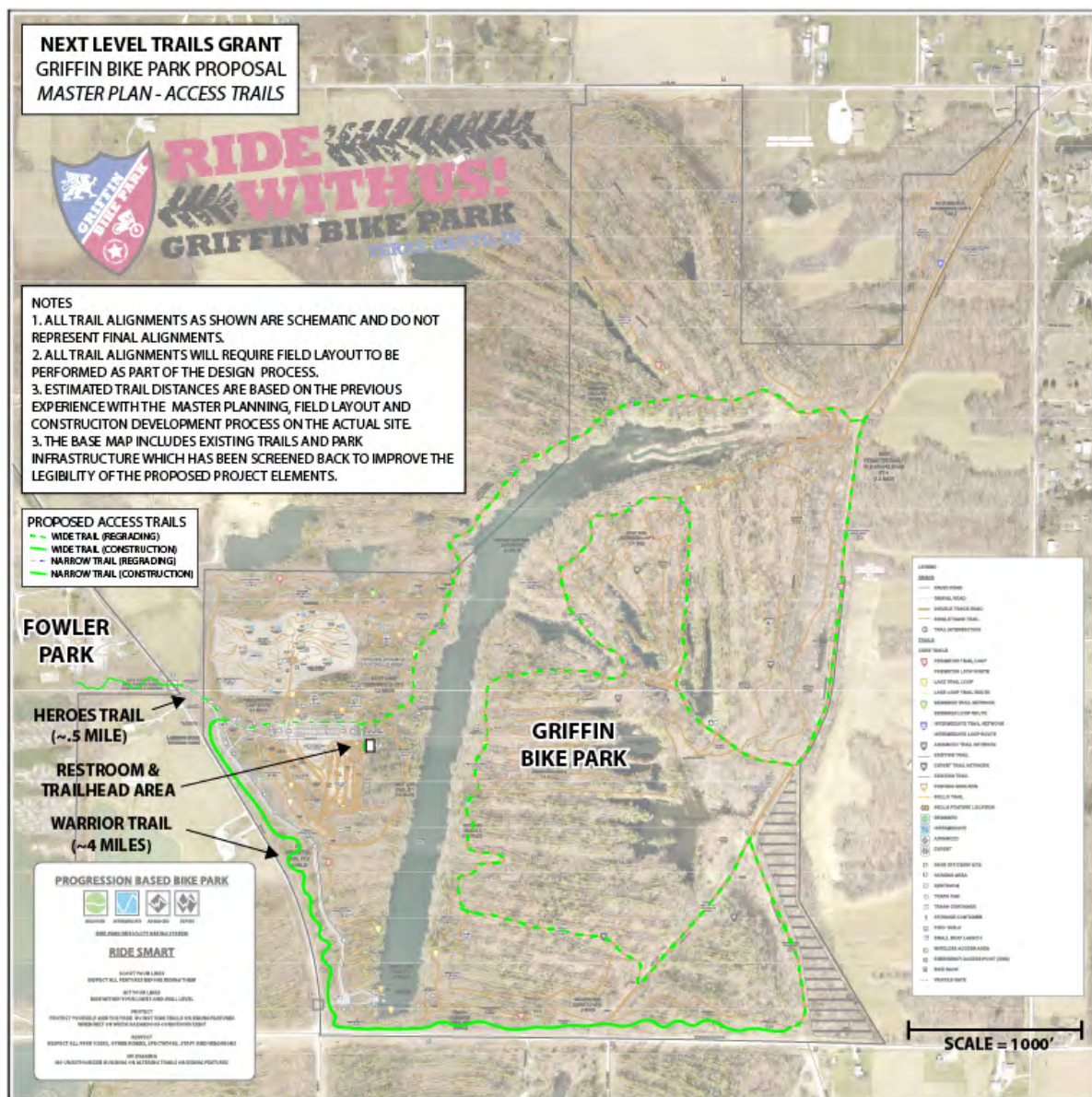
Description: The ADA Accessible Drinking Fountain and Bottle Filling Station will provide thirsty active visitors with easy and convenient access to fresh, clean water which should generally lead to better hydrated visitors, reduced waste from single use containers and safer experiences at the park.

Specifications:

- Drinking Fountain (model to be specified)
  - Drinking Fountain
  - Bottle Filling Station



# Griffin Bike Park - Next Level Trails Project



*Figure showing proposed Access Trails (See Site Map Attachments).*





# Griffin Bike Park - Next Level Trails Project

## 2. Access Trails (Adaptive MTB)



*Adaptive MTB Users, Beginner Level NICA Highschool Mountain Bike Racers, Griffin Bike Park Maintenance Staff all using the Access Trails.*

The proposal calls for the construction of 4.5 miles of Access Trails designed for use as Adaptive MTB accessible trails\*. Together these trails will provide a whole new level of access throughout the park. The access trails are also intended to provide a new level of maintenance and EMS access throughout the site with the improvement and widening of the trail to accommodate service vehicles and equipment. In addition to the Adaptive MTB accessibility and the maintenance and EMS access, these trails will also provide beginner level, first time and less experienced MTB riders with new opportunities to have positive experiences at the park.

#	Trail Name	Length	Width	Access	Uses	Level
1	Heroes Trail	.5 Miles	4' Wide	Multi-Use	ADA,	Beginner
2	Warrior Trail	4 Miles	10' Wide	Multi-Use	Accessible	Beginner

### 1. Park-to-Park Access Trail (Adaptive MTB): “Heroes Trail”

Trail Description: Designed as .5mile park-to-park connection access trail to provide a safe and accessible linkage between the riding facilities and trails at the Griffin Bike Park to the camping, swimming and picnicking facilities at Fowler Park.

Trail Specification: (Narrow Multi-Use Access Trail)

- Trail Length: .5 Miles Total, .2 Miles New Construction, .3 Miles Regrade of Existing
- Trail Width: 4' Min. Constructed Tread Width, 6' Cleared Width, 8' Cleared Height
- Trail Type: Natural Surface, Stabilized With Gravel and Fines, Multi-use, Adaptive MTB
- Total Elevation Gain/Loss: 25'
- Trail Grade: 10% max grade, 3% average Grade
- Trail Features: Trail Fencing, Privacy Fencing, Roadway Crossing Improvements, Signage

### 2. Park-Wide Access Trail (Adaptive MTB): “Warrior Trail”

Overview Description: The “Warrior Trail will be a keystone trail for the entire park and project serving three important purposes within one trail alignment and construction project. The three purposes of the trail are to; 1. dramatically improve Adaptive MTB accessibility throughout the park, 2. dramatically



# Griffin Bike Park - Next Level Trails Project

improve Maintenance and EMS access throughout the park, and 3. create a purpose built National Interscholastic Cycling Association (NICA) sanctioned race course specifically designed for use by the Indiana Interscholastic Mountain Biking League.

**Trail Description:** The 4 mile trail loop is designed to accomplish the three main purposes of; Adaptive MTB Accessibility, Maintenance and EMS Access, and NICA Sanctioned High School Race Course.

**Adaptive MTB Accessibility:** Designed to provide a whole new level of access for disabled visitors with reduced mobility that use modified bicycles, hand cycles and other specialized equipment to access the trails at the park. By designing the trail and the route with attention to providing stabilized tread conditions, minimized abrupt grade reversals, reduced exposure to steep side slopes, reduced natural obstacles including roots and rocks, a wider trail width to accommodate the wider handcycles and modified bicycle equipment. In addition to the design and construction of the trail (10) rest areas will be provided at regular intervals along the trail to facilitate positive guided, first-time and group riding experiences.

**Maintenance and EMS Access:** Designed to provide a whole new level of Maintenance and EMS access throughout the park the development of the trail includes widening of the trail tread to accommodate service and EMS vehicles, stabilization and dewatering of the trail with drainage in order to provide year round access, and the installation of additional signage to facilitate maintenance operations and EMS access and response.

**NICA Sanctioned Race Course:** Designed to provide a purpose built race course facility designed to comply with and be sanctioned by NICA for use in high school mountain bike racing. The wider trail tread allows for safe passing during race events, the stabilized trail tread improves year round access, the minimized obstacles improves the experience and access for beginner level riders and the addition of permanent NICA Sanctioned Race Course Signage will not only streamline event production, but also provide a training facility for riders to learn about and better understand the various course markings and the conditions where they are applied. This will not only create a safer riding experience for the riders at the park, it will create better educated riders that will have more positive experiences when they race in other locations.

**Trail Specification:** Adaptive MTB Access Trail

- Trail Length: 4 Miles Total / 3 Miles Re-Grade Existing/ 1 Mile New Construction
- Trail Width: 10' Min. Constructed Tread Width/ 12' Clear Width / 10' Clear Height
- Trail Type: Natural Surface, Gravel Stabilized, Multi-use, Hike, Bike, Adaptive
- Total Elevation Gain Loss: 250'
- Trail Grade: 15% max grade, 5% average Grade
- Trail Features: (20) Drainage Culverts, Signage



[illegible]



# Griffin Bike Park - Next Level Trails Project

## 3. System Trails (MTB)



*Riders carving turns on the purpose built MTB System Trails during the Annual Griffin Bike Park Festival Cross Country Race.*

The proposal calls for the construction of (6) purpose built MTB system trails that will add an additional (10) miles to the existing trail system. The proposed trails will be designed and constructed to complement the existing trail and to fill out the system with new types of trail alignments, features, and experiences.

<u>Trail #</u>	<u>Trail Name</u>	<u>Trail Length</u>	<u>Trail Width</u>	<u>Trail Access</u>	<u>Trail Type</u>	<u>Trail Rating</u>
1	Lake Trail	2.5 Miles	36"	Multi-Use	MTB	Intermediate
2	Bravo Trail	2 Miles	36"	Multi-Use	MTB	Intermediate
3	Foxtrot Trail	2 Miles	36"	Multi-Use	MTB	Advanced
4	Recon Trail	2 Miles	36"	Multi-Use	MTB	Advanced
5	Mega P. Trail	1 Mile	36"	Multi-Use	MTB	Expert
6	Fubar Trail	1 Mile	36"	Multi-Use	MTB	Expert

### 1. System Trail (MTB) Multi-Use: "Lake Trail"

Trail Description: The "Lake Trail" is designed as a **New School XC Trail** and intended to be one of the premier trails in the park with sweeping views of the lake and gentle moderate extended climbs and descents that use the full extent of the natural elevation. The new section of trail will complete the full lake loop and build out one of the first trails built in the park. The lake trail will be a natural surface full bench cut rolling contour trail from end to end. It will feature the natural landscape frequent ridgelines and undulating terrain and will not include additional skills features. The lake trail will include four drainage crossings that will require trail bridges with spans of 20' each.

Trail Specification: (Narrow Multi-Use Trail)



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- Trail Length: 2.5 Miles Total, All New Construction
- Trail Width: 4' Min. Tread Width, 6' Clear Width, 8' Clear Height
- Trail Type: Purpose Built MTB, Multi-use, Hike + Bike, Intermediate Rating
- Elevation Gain/Loss: 500'
- Trail Grade: 10% max, 5% average
- Trail Features: (5) 24' Span Trail Bridges With Hand Rails

## 2. System Trail (MTB) Multi-Use: "Bravo Trail"

Trail Description: The "Bravo Trail" is designed as an **all mountain** technical keystone trail for skills development with a little bit of everything; steep drop ins, ridgeline descents, slow speed technical features, jumps and berms.

Trail Specification: (Narrow Multi-Use Trail)

- Trail Length: 2 Miles Total, All New Construction
- Trail Width: 3' Min. Tread Width, 6' Clear Width, 8' Clear Height
- Trail Type: Purpose Built MTB, Multi-use, Hike + Bike, Intermediate Rating
- Elevation Gain/Loss: 250'
- Trail Grade: 15% max/ 7% average
- Trail Features: Ladder Bridges, Jumps

## 3. System Trail (MTB) Multi-Use: "Recon Trail"

Trail Description: This trail is designed to incorporate highly technical **freeride trail** style features with drops, road gaps, ladder bridges, etc.

Trail Specification: (Narrow Multi-Use Trail)

- Trail Length: 2 Miles Total, All New Construction
- Trail Width: 3' Min. Tread Width, 6' Clear Width, 8' Clear Height
- Trail Type: Purpose Built MTB, Multi-use, Hike + Bike, Intermediate Rating
- Elevation Gain/Loss: 500'
- Trail Grade: 15% max, 5% average
- Trail Features: Ladder Bridges, Jumps

## 4. System Trail (MTB) Multi-Use: "Foxtrot Trail" / Advanced Level/ Flow Style Trail

Trail Description: The "Foxtrot Trail" is designed as an all mountain style trail with **flow trail** style smooth fast rolling ridgeline descents featuring many rollers, jumps and berm turns which together with very moderate fun, fast climbs will be a crowd pleaser.

Trail Specification: (Narrow Multi-Use Trail)

- Trail Length: 2 Miles Total, All New Construction
- Trail Width: 3' Min. Tread Width, 6' Clear Width, 8' Clear Height
- Trail Type: Purpose Built MTB, Multi-use, Hike + Bike, Advanced Rating
- Elevation Gain/Loss: 500'
- Trail Grade: 15% max, 5% average



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- Trail Features: Ladder Bridges, Jumps

## 5. System Trail (MTB) Multi-Use: “Mega Pump Trail”

Trail Description: The “Mega Pump Trail” is designed as pumping roller coaster taking maximum advantage of the regular undulating hill slopes. The key design aspect of this trail is to be able to create a very unique style of flow where user speeds go from 30mph to 0 and back to 30 every few seconds as they drop in pick up speed and then accelerate up the other side of the valley.

Trail Specification: (Narrow Multi-Use Trail)

- Trail Length: 1 Miles Total, .5 Regrade Existing, .5 New Construction
- Trail Width: 3’ Min. Tread Width, 6’ Clear Width, 8’ Clear Height
- Trail Type: Purpose Built MTB, Multi-use, Hike + Bike, Expert Rating
- Total Elevation Gain/Loss: 250’
- Trail Grade: 70% max, 10% average
- Trail Features: Ladder Bridges, Additional Import Fill Dirt

## 6. System Trail (MTB) Multi-Use: “Fubar Trail”

Trail Description: The “Fubar Trail” is designed as a low speed highly technical **Trials Style Trail** with many extended ladder bridges and log rides that are integrated into the rolling terrain. A river runs through it in Whistler valley would be a good comparison.

Trail Specification: (Narrow Multi-Use Trail)

- Trail Length: 1 Mile Total, All New Construction
- Trail Width: 3’ Min. Tread Width, 6’ Cleared Width, 8’ Cleared Height
- Trail Type: Purpose Built MTB, Multi-use, Hike/Bike, Expert Level
- Trail Elevation Gain/Loss: 50’
- Trail Grade: 15% max, 5% average
- Trail Features: Ladder Bridges, Natural Log Rides





# Griffin Bike Park - Next Level Trails Project

## Section 6. Accessibility and Inclusion

### *ADA Compliance*



*Disabled riders using types of Adaptive MTB equipment to access the trails.*

*“In my career as an educator, designer, consultant and advocate for access to inclusive physical and social activities for people with disabilities, I seldom see projects like this that could have such significant impact.” – Don Rogers, Ph.D., Professor, ISU Recreation Therapy Program Coordinator*

### **Accessible Facility Development**

It is our intention to dramatically increase the accessibility of the park for disabled users and their families. We will strive to be as accessible and barrier free as possible for all visitors. Facilities, trails and outside park areas will continue to be improved and upgraded for easier access for those with limited mobility. And all aspects of our project will be designed to comply with the Americans with Disabilities Act of 1990.

### **Accessible Terminology**

Along with improving the accessibility of our facilities, our intention is to increase awareness of and communication regarding accessibility throughout our park. In our effort to provide a clear approach to proper, legal and respectful terminology we are following the Center for Disability Rights statement on terminology and will use the following terms in the contexts as described:

- The term “disabled” will be used to refer to people who are disabled.
- The term “disability” will be used to refer to people with disabilities.
- The term “accessible” will be used when we are referring to places or facilities with accommodations for people with disabilities.



# Griffin Bike Park - Next Level Trails Project

It is important to remember that in the context of the ADA, “disability” is a legal term rather than a medical one. Because it has a legal definition, the ADA’s definition of disability is different from how disability is defined under some other laws, such as for Social Security Disability related benefits. The ADA defines a person with a disability as a person who has a physical or mental impairment that substantially limits one or more major life activity. This includes people who have a record of such an impairment, even if they do not currently have a disability. It also includes individuals who do not have a disability but are regarded as having a disability. The ADA also makes it unlawful to discriminate against a person based on that person’s association with a person with a disability. We will abide by the guidance provided by the Center For Disability Rights and will not use the following terms or any other colloquialisms in our communications, signage, marketing related to the park: “challenged”, “handicapped”, “handicapable”, “differently-abled”, “special needs”, “paralyzed” or “retarded” or any other terms or references.

## ***ADA Accessibility Standards and Guidelines***

The ADA standards are issued by the Department of Justice (DOJ) and the Department of Transportation (DOT) and apply to facilities covered by the ADA in new construction and alterations. Per the standards and guidelines a “trail” is “a route that is designed, designated, or constructed for recreational pedestrian use or provided as a pedestrian alternative to vehicular routes within a transportation system”. All pedestrian trail projects are required to be planned and designed to comply with the “American Standard Specifications for making Buildings and Facilities Accessible to, and Usable by, the Physically Handicapped.” The requirements apply only to trails that “connect to an accessible trail” or “designated trailhead”. Where new trails connect to an existing trail that is not accessible, the technical provisions do not apply. Nor do they apply where the new or altered portion is not connected to a designated trailhead.

## ***ADA Exemptions for Purpose Built Mountain Biking Trails***

The guidelines are not applicable to trails primarily designed and constructed for recreational use by mountain bicyclists, even if pedestrians may occasionally use the same trails. However, a multi-use trail primarily designed and designated for hiking and bicycling would be considered a pedestrian trail. As the park is designated as a “bike park” and that trails are primarily designed, constructed and maintained as “purpose built mtb” trails for recreational use by mountain bicyclists, the guidelines do not apply to the trails to be developed through the proposed project. In addition to the “purpose built mtb” exemption cited above, there are two conditions that qualify for conditional departures from the ADA guidelines which are;

- *“compliance would substantially alter the nature of the setting or the purpose”*
- *“compliance would not be feasible due to the excessive slopes and cross-slopes of the terrain”*

## ***Greenways and Trails Program ADA Accessibility Guidelines***



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While it is not the intention or goal of the proposed project to develop ADA complaint trails, the proposed trail development will be informed by and when feasible be designed and built to the 4 key requirements for an accessible trail that have been identified by the “Greenways and Trails Program - ADA Accessibility Guidelines” which include;

1. *Clear Tread Width: 36” Minimum Width*
2. *Tread Openings: ½” Maximum Width (Exception: ¾”) On Bridge Abutments, Boardwalks*
3. *Tread Obstacles: 2” High Maximum Exceptions To Tread Obstacles, 3” High Where Running Slope, Cross Slope 5% Or Less, 1” High Where Running Slope, Cross Slope Greater Than 5% Running.*
4. *Trail Slope (Trail Grade Up Or Down): Max Run Of Trail Slope Max Distance 0-5%: Any Distance, 6-8%: 50 Feet Of Run, 9-10%: 30 Feet Of Run, 11-14%: 5 Feet Of Run. Cross Slope Max Cross Slope Max Distance 0-2%: Preferred, 3-5%: Any Distance, 6-8%: 10’, 10-12%: 5’ \*Level Landings 5 Feet Long Are Required At The End Of Each Run Section. \*Cross Slope Greater Than 5% Not Permitted Where Running Slope Exceeds 5%.*

## ***Best Available Guidance on Accessibility***

*Disabled riders enjoying Griffin Bike Park - Adaptive MTB trails.*

*“The use of typical and adapted cycling equipment for people with disabilities allows them to enjoy time with their friends and family, pursue fitness goals, and engage in competition.” – Don Rogers, Ph.D., CTRS, Professor, Recreation Therapy Program Coordinator at Indiana State University*

### ***Accessibility Guidance Committee***

To provide the best available guidance on accessibility and to inform the design and development of the restroom, trailhead facilities and the expansion of the trail system to include more opportunities for people with a wide range of functional abilities, including people with disabilities, an Accessibility Guidance Committee has been established by the Friends of Griffin Bike Park. The Committee, chaired by Don Rogers, Ph.D., CTRS, Professor, Recreation Therapy Program Coordinator at Indiana State University will focus on “the use of typical and adaptive cycling equipment for people with disabilities





# Griffin Bike Park - Next Level Trails Project

and providing compelling trail experiences for them to enjoy time with their friends and family, pursuing fitness goals, and engaging in competitions.” The committee will provide plan reviews, trail assessments and ongoing feedback throughout the development of the project and especially on the development of the adaptive mountain biking trails.

## ***Adaptive Mountain Biking Trails***

While the project does not include ADA compliant accessible trails it does include 4.5 miles of trails designed to accommodate adaptive mountain biking, which encompasses a broad range of riders who typically cannot ride a standard mountain bike and require adapted equipment and trails to suit their physical, intellectual, neurological and sensory abilities. In general the adaptive mountain biking trails will be designed to minimize obstacles in the tread, reduce barriers access, provide moderate trail slopes where possible with frequent grade breaks, grade reversals and rest areas.



*Various types of Adaptive MTB equipment including handcycles, recumbents, and buddy bikes.*

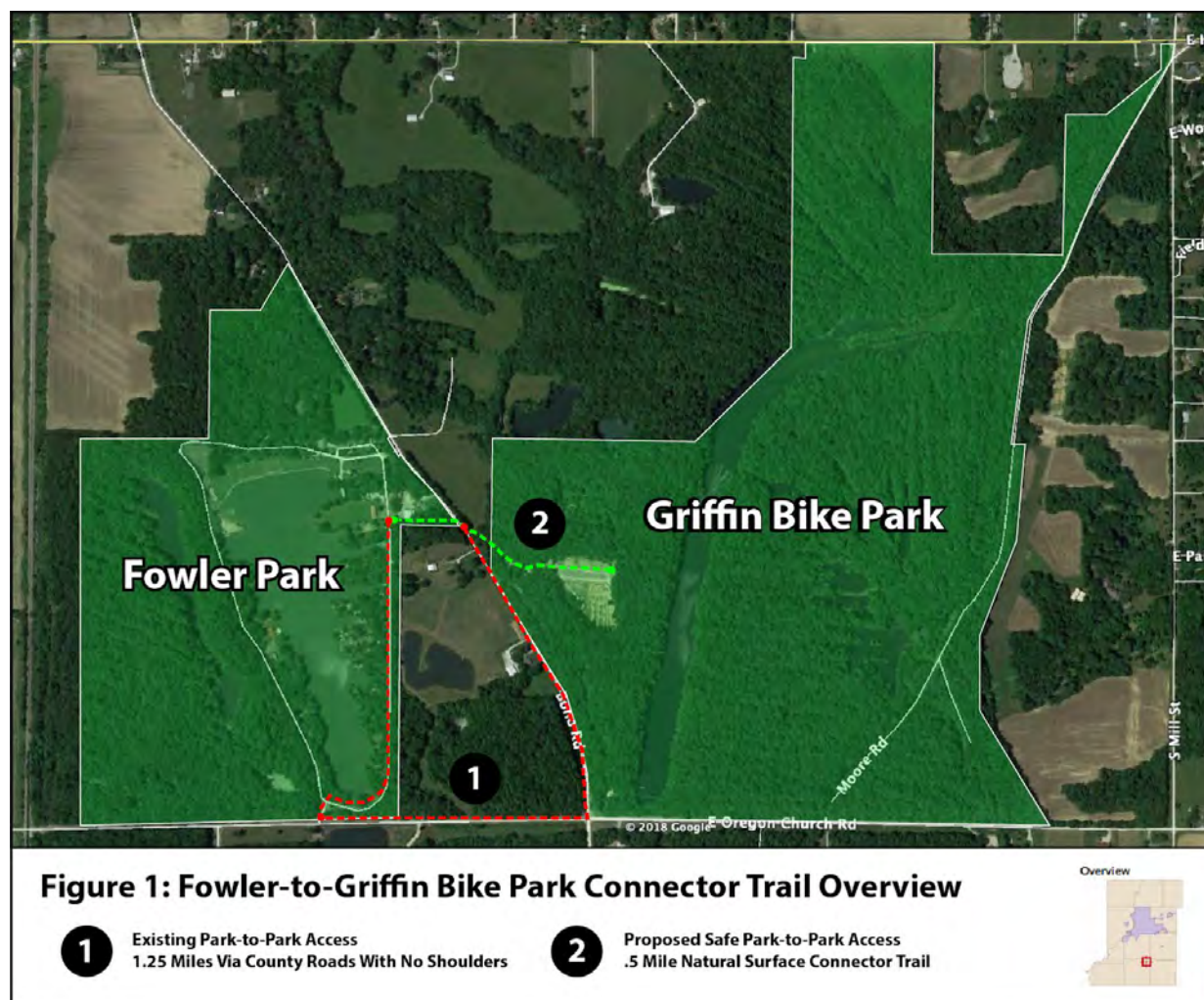
## ***Adaptive Mountain Biking Equipment (Adaptive MTB)***

The wide range of adaptive mountain bikes and equipment including: handcycles, recumbent leg-cycles, quad cycles and tandem bikes are best suited to different types of trail experiences. Off-road handcycles can be classed under the broader category of cycles used in Adaptive MTB, predominantly used by people with disabilities, special needs, or those who are uncomfortable, or unable to ride standard two-wheeled bikes. Due to the varying range of abilities, so too are the types of equipment. As with mountain bikes, there are also a range of off road handcycles tailored to meet individual needs and the style of riding (XC and DH being the more prominent styles). Above are some of the various types of adaptive mountain biking equipment including from left to right and from top to bottom; recumbent pedal cycle, prosthetic arm, recumbent handcycle, prosthetic leg, kneeling handcycle, quad cycle, buddy bike, tandem bike, and adventure race hand cycles.



# Griffin Bike Park - Next Level Trails Project

## Section 7: Park-to-Park Connection Plan



*Figure showing the existing and proposed park connectivity and access.*

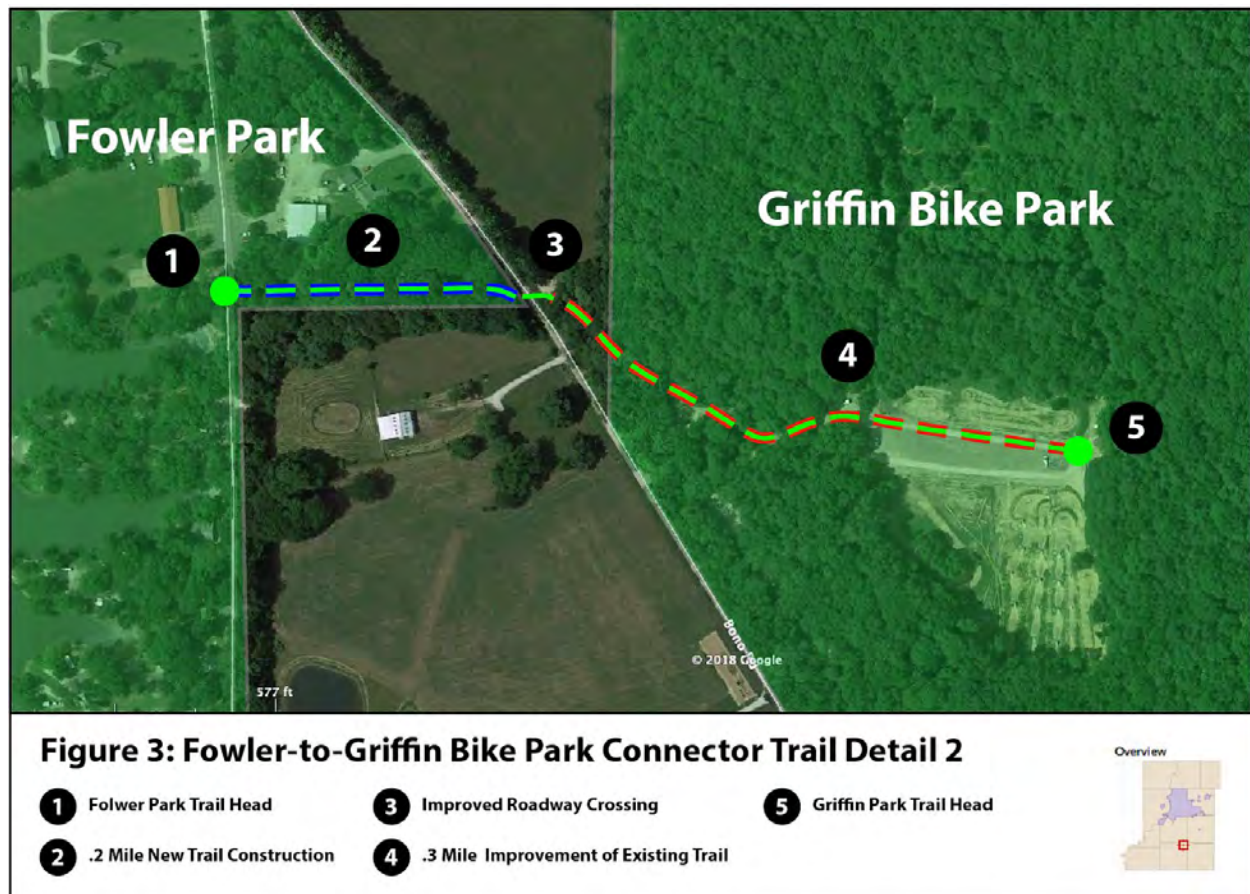
### ***Existing Fowler-to-Griffin Park Connectivity***

Fowler Park is a 165 acre park with ~100K annual visitors each year camping, swimming, hiking and visiting the Pioneer Village. Griffin Bike Park is a 300 acre park with ~50K visitors each year to ride the trails and facilities at the park.





# Griffin Bike Park - Next Level Trails Project



*Figure showing the proposed park-to-park access trail segments with improved roadway crossing.*

## ***Proposed Fowler-to-Griffin Park Connector Trail***

The Fowler-to-Griffin Connector Trail will create a new level of access for park visitors by providing a safe connection between the facilities. Regular campers and visitors to Fowler Park will have great new access to the trails and out of town day and multi-day riders will have access to showering facilities that are critical for action sports health and hygiene, and will dramatically improve the experience. The proposed connection will further establish the Griffin Bike Park as a true national caliber destination riding area and provide an unparalleled visitor experience.







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## Griffin Bike Park Sponsorship Levels and Benefits

<b>BENEFITS</b>	<b>BRONZE \$1,000</b>	<b>SILVER \$2,500</b>	<b>GOLD \$5,000</b>	<b>PLATINUM \$10,000</b>
Facebook announcement	1 year	1 year	1 year	3 year
Newsletter announcement	1 year	1 year	1 year	3 year
Website Sponsor Pages				
Web Page				
Logo on:				
• Sponsor page	1 year	1 year	1 year	3 year
• Map page		1 year	1 year	3 year
Infrastructure				
Logo on:	<u>Logo Size</u>	<u>Logo Size</u>	<u>Logo Size</u>	<u>Logo Size</u>
• Regular sign	Small	Medium	Large	Large
• Lifetime sign	Small	Medium	Large	Large
Trail system				
Logo on:		<u>Logo Size</u>	<u>Logo Size</u>	<u>Logo Size</u>
• Trail signs		• Medium	• Large	• Large
• Skills features		• 10 options	• 20 options	• 30 options
• Picnic areas				
• Park map		• 1 year	• 1 year	• 3 year

**Thank you!** Your support helps us provide a great place for families to get outside, stay fit and enjoy the outdoors. All donations are tax deductible through *Shepherds of Griffin Bike Park, Inc., a 501(c)(3) Nonprofit Corporation*



Contact: Gene Griffin  
812-243-6594  
Gene.ShepherdsGBP@gmail.com