

# JOHN DAY BIKE PARK PHASE 1

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# OVERVIEW

Eastern Oregon Trail Alliance (EOTA), the Grant County Economic Council (GCEC) and Grant School District 3, are bringing a mountain bike park to John Day, Oregon. The park consists of a single-track trail network (phase 1) and a skills area (phase 2) to be located on vacant land adjacent to an existing community sports complex and park. With a total area of approximately 5 acres, the site has gently sloping terrain with southern exposure and low, open vegetation. This document serves as the field guide and final reference for phase 1 implementation.

# PHASE 1 GOALS

- 1. Cultivate new mountain bikers in the local community by creating a new trail network that is beginner friendly yet also showcases the joys of the sport and provides ample opportunity to improve rider skills.
- 2. Attract and retain tourists to John Day and Grant County by bringing quality mountain bike trails to an area where few exist.
- 3. Cater to diverse user abilities and desires by providing a variety of trail styles and technical challenges.
- 4. Maximize property potential by incorporating high density trail routes that also preserve and showcase the high desert setting of the site.
- 5. Minimize maintenance load and cost by utilizing durable enhanced natural features rather than synthetic or artificially engineered components.

## SPECIFICATIONS

Park planning began in 2016 and initial concept designs were completed in 2017. The property is owned by Grant School District 3. The park is being constructed and operated by GCEC through the aid of property use and operating agreements with the school district. EOTA has assisted in further planning and will assist with elements of construction, quality assurance, and long-term trail maintenance. GCEC is the fiscal sponsor and operator of the project, therefore all agreements and contracts for construction will be with GCEC. The park will be built with a combination of paid, professional labor, and local volunteer labor using both hand tools and mechanized equipment.

					Length/Area	Experience	Experience
ID	Name	Status	Skill	Style	/Qty	Char 1	Char 2
T-001	Explorer	Conceptual	Green	MTB-XC	0.60 miles	Escape	Nature
				MTB-Downhill			
T-002	Flow Descent East	Conceptual	Blue	Flow MTB-Downhill	0.30 miles	Play	Fun
T-003	Flow Descent West	Conceptual	Blue	Flow	0.12 miles	Play	Fun
T-004	Tech Connector	Conceptual	Blue	MTB-XC	0.10 miles	Variety	Connectivity
T-005	Tech Traverse	Conceptual	Black	MTB-Technical	0.25 miles	Challenge	,
I-001	Parking Lot	Conceptual	N/A	N/A	2,500 sqft	Safety	
I-002	Trailhead	Conceptual	N/A	N/A	800 sqft	Socializing	
I-003	Kiosk	Conceptual	N/A	N/A	1		
1-003	NOSK	Conceptual			250 linear		
I-004	Fencing Parking Lot	Spec	N/A	N/A	feet		
					100 linear		
I-004	Fencing Trailhead	Spec	N/A	N/A	feet		
1-004	Fencing West Boundary	Spec	N/A	N/A	400 linear feet		
I-005	Trash Parking Lot	Spec	N/A	N/A	1		
1-006	Trash Trailhead	Spec	N/A	N/A	1		
1-007	Picnic Table Trailhead	Spec	N/A	N/A	1		
1-008	Signage Street	Spec	N/A	N/A	3		
1-009	Signage Parking Lot/Well Road	Spec	N/A	N/A	1		
I-010	Signage Trailhead/Explorer	Spec	N/A	N/A	1		
	Signage Trailhead/Tech						
I-010	Traverse	Spec	N/A	N/A	1		
I-010	Signage Trailhead/Flow Descent	Spec	N/A	N/A	1		
	Signage Flow East/Flow	opee			·		
I-010	West	Spec	N/A	N/A	1		
1.040	Signage Explorer/Flow	0	N1/A	N1/A	4		
I-010	West	Spec	N/A	N/A	1		
I-010	Signage Explorer/Flow East	Spec	N/A	N/A	1		
I-010	Signage Explorer/Tech Connector	Spec	N/A	N/A	1		
I-010	Signage Tech Connector/Tech Traverse	Spec	N/A	N/A	1		
I-011	Signage No Bikes	Spec	N/A	N/A	3		
I-012	Signage Wrong Way	Spec	N/A	N/A	3		
I-013	Signage Trailhead	Spec	N/A	N/A	1		

User Objectives	Description
Nature	Connection to nature. This can be anything from being among a few trees in the middle of the city to remote backcountry. Nature is an important factor for many riders
Escape	Something that takes you away from your daily grind, allows you to get lost in the experience of riding. Often means getting away from the urban environment, but a bike park, even indoors, can provide this as well.
Solitude	Getting away from the urban environment and people; being active, alone and quiet in the outdoors.
Challenge	Seeking to improve technical abilities, to solve a difficult problem, 'clean' a trail feature or segment; sense of accomplishment.
Risk	Exposure to danger, harm, or loss; intentional interaction with uncertainty. The perception of risk creates a thrill for many trail users. It can be a positive or negative part of the trail experience, depending on user expectations and risk tolerance.
Fun	Amusing or enjoyable experience. When you are trying to build fitness and/or skill, you may do many rides without 'fun' being a primary objective. Ideally, one doesn't have to sacrifice fun for challenge or exercise.
Play	Engaging in the activity purely for the enjoyment, bringing a childlike wonder to the pursuit, no destination. On a trail, this often means seeking features to enhance, alter the experience, rather than simply riding from point to point. Playfulness is a hugely important characteristic in mountain bike trails, and distinguishes trail experiences from many other trail user goals (hikers, equestrians).
Exercise	Health and fitness are part of the sport. For some this is a primary goal, for others a bonus, for some an obstacle. Defining the physical fitness needed for a particular ride is important in setting user expectations appropriately. Recognition that some riders have high skill and low fitness (and vice versa) plays a role in trail planning.
Variety	Multiple trail options, diversity of experience within a trail or trail system. Variety should be in several forms, where possible: skill, features, surface, setting, grade, etc. While all the trails within those constraints. Also possible at the regional level to provide variety of experience if limited opportunities exist within a particular system.
Connectivity	Series of loops and/or trail segments linked by other trails or transportation routes. Allows for a customized experience, change of plans, adding onto a ride. Also allows for riders of different fitness or skill level to begin rides together.
Socializing	Provides a shared experience and enhances safety for riders. Mountain biking is often a social activity.
Safety/Security	This could range from trailhead security for parking to personal safety unrelated to recreational use.
Efficiency	Getting to a destination or accomplishing a task with the least amount of time or effort expended. Road climbs are very efficient, as are trails that ascend directly to a destination. Efficiency sometimes means compromising sustainability and fun/play. Hiking trails tend to be much more efficient than biking trails.

Trail I	ndex						
ID	Name	Status	Length	Difficulty	Style	Preferred Direction	Management Controls
T-001	Explorer	Conce ptual	>= 0.60 miles (3,200')	Green	MTB-XC	Bi-directional 2 way travel	Open to non-motorized users (hike, bike)
Trail B	Experience	e Goal	IS				
-	v Experience teristics		Descriptio	<b>)n:</b> 36 inc	h wide firm	and smooth tread.	Unavoidable
Escape			-			voidable embedded	
Nature			Avg Grade <5	%, max gra	ade <15%.		
Trail I	Narrative		<u> </u>				

Departing from and returning to the trailhead, Explorer traces a meandering perimeter around the outside of the bike park. Much of Explorer proceeds on a gently rolling contour allowing riders to remain seated and surfing along the hillside while pedaling over frequent slope reversals and gentle turns. Tread is wide with a smooth manicured texture, open sight lines, and minimal fall zone hazards.





Trail In	dex						
Route ID	Name	Status	Length	Difficulty	Style	Preferred Direction	Management Controls
T-002	Flow Descent East	Conceptual	>= 0.30 miles (1,600')	Blue	MTB-Downhill flow	Downhill	Downhill bike traffic only
Trail Ex	<b>kperience</b>	Goals					
Primary E	xperience		Descrip	otion: 36	inch wide firm	n and smooth t	read. Avg-grade <5%,
Characte	ristics		Max-grade 10%. Unavoidable embedded obstacles <= 2", easily				
Play							ope reversals and oubles, triples, tables,
Fun			and berme spacing pr challenge have 'qual the most te	ed corners. ovide forgi to entice s ifier' or 'filte echnical fe	Graduated fe iving main line killed riders to er' feature at p	atures, optiona s for beginners return for repe possible entry p	al lines, and strategic s yet offer enough eated sessions. Shall points which is equal to lay require imported

Accessed at junction with 'Explorer' trail near top of park. From here riders begin a winding descent back towards the trailhead on smooth textured flow trail. Speed is controlled by flow over the numerous rollers and insloped turns. Main line features roll smoothly for beginners yet generate lap worthy joy for more experienced riders as they link features or explore more aggressive optional lines. Potential fall zones are open and free of hazards.



Trail Inde	ex						
	News	01-1-1-			04.4	Preferred	Management
ID T-003	Name Flow Descent West	Status Conceptu al	Length >= 0.12 miles (650')	Difficulty Blue	MTB-Downhill flow	Direction Downhill	Controls Downhill bike traffic only
Trail Exp	erience Goals	;					
Primary E	xperience		Descript	ion: 36 in	ch wide firm a	nd smooth tread.	Avg-grade <5%,
Character	ristics		Max-grade	e 10%. Una	avoidable emb	edded obstacles	<= 2", easily
Play						6". Frequent slope	
Fun			and berme spacing pi challenge have 'qua the most t	ed corners. rovide forgi to entice s lifier' or 'filte echnical fe	. Graduated fe iving main line killed riders to er' feature at p	eatures, optional I es for beginners y o return for repeat possible entry poi	bles, triples, tables, ines, and strategic et offer enough ed sessions. Shall nts which is equal to require imported

Accessed at junction with 'Explorer' trail near West end of park. From here riders begin a gently descending roller coaster ride towards the trailhead on smooth textured flow trail. Speed is controlled by flow over the numerous rollers and slope reversals. Main line features roll smoothly for beginners yet generate lap worthy joy for more experienced riders as they link features or explore more aggressive optional lines. Potential fall zones are open and free of hazards.



ID	Name	Status	Length	Difficulty	Style	Preferred Direction	Management Controls
T-004	Techy Connect	Conceptual	>= 0.10 miles (530')	Blue	MTB-XC	Bi-directional 2 way travel	Open to non-motorized users (hike, bike)
	xperience ( y Experience		1				
Charac	teristics						
Variety			embedded ol	ostacles <= 4	4", easily avoi	d smooth tread. I dable embedded require imported	obstacles < 36"

Departs from 'Explorer' trail near SW corner of park and connects to the start of 'Techy Traverse'. Serves as a gentle introduction to technical trail challenges by exposing riders to low risk graduated or optional enhanced rock features.



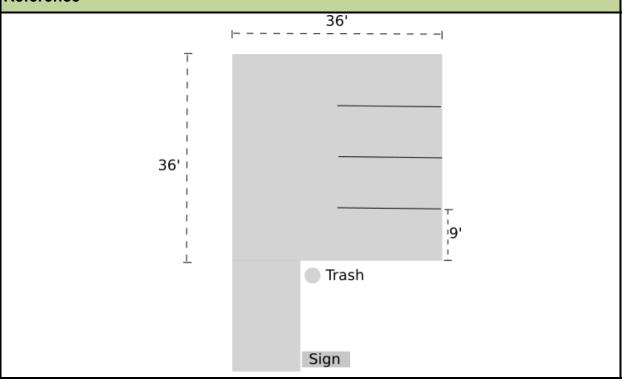
Trail Inde	X						
ID	Route ID	Status	Length	Difficulty	Style	Preferred Direction	Management Controls
Т-005	Techy Traverse	Conceptual	>= 0.25 miles (1,400')	Black	MTB-Technical	Bi-directional 2 way travel	Open to non-motorized users (hike, bike)
Trail Exp	erience Goa	ls					
Primary E Character	-			-			%. Grade reversal chokepoints to 12".
Challenge			enhance tread. Ini have 'qu	d natural fe	atures consistir with optional lin ter' at entry poir	and sinuousity. Na ng of ramps, ledge les for more adva nts equal to the m	es, and pitched nced riders. Shall
Trail Narr	ativo		-				

From the trailhead to the junction with 'Tech Connect' near the Southwest corner of the park, 'Techy Traverse' covers some of the steepest and rockiest slopes on the property. Numerous natural and hand built rock features give riders a chance to test their skills and 'clean' each high desert challenge. The main line is more forgiving than it first appears and fall zones are well cleared however, optional lines give advanced riders a higher degree of challenge and a taste of exposure.



Trail Ind	ex	i	÷				
Route ID	Name	Status	Area	Difficulty	Style	Preferred Direction	Management Controls
I-001	Parking Lot	Conceptual	>= 2,500 sqft	NA	NA	NA	NA
Trail Exp	perience Go	bals	<u>.</u>	<u>.</u>	<u>.</u>	<u>.</u>	
Primary I Characte Safety	Experience ristics		or other suital Perimeter cor shade tree pla clearance pas spaces. Parki trafficked road of any visual have signage area for the b	ble gravel type nsists of split-ra antings. Parkin ssenger vehicle ng area shall n dway for ingres obstacles betw near entrance ike park as we	a level, weed from material to pre- ail fencing inter- g Area is suital es and contains not require user ss/egress. Entry reen adjacent re- which notifies Il as any applic all have a minin	event mud and spersed with lo ble for two whe s a minimum of s to back blind y and exit point oadway. Parkir users that it is able regulation	dust. w-water/native el drive low three parking ly into s shall be free ng area shall the parking s (i.e. park

The parking area is accessed from Well road and serves as a convenient location to users who drive to the bike park with bikes loaded in their vehicles. Placement of the parking lot near the trailhead rather than lower down off 7th street, near the skate park, is intended to mitigate unauthorized bike traffic on pedestrian trails at the 7th street sports complex.



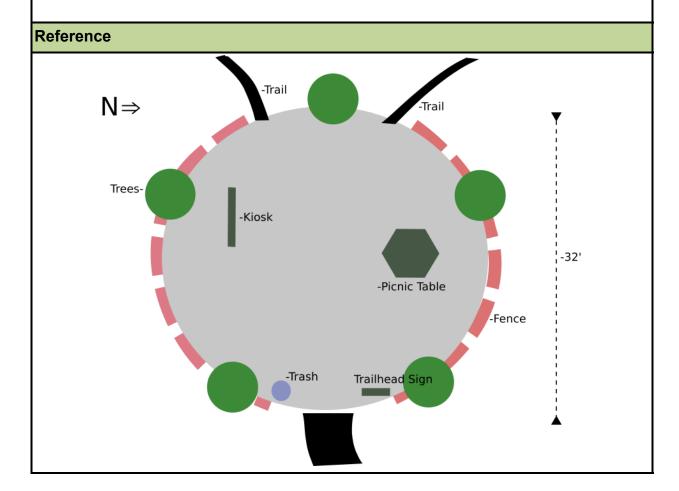
Trail Index			
Route ID	Name	Status	
I-003	Kiosk	Conceptual	l
Experience	Goals		

**Description:** The primary information station for the Bike Park's trail network, the kiosk orients users to the layout of the park as well as informs them of park rules/regulations, park history, and park sponsors among other information. Consisting of metal or sturdy composite placards fixed to a steel mesh backing which is mounted between sturdy wood or metal posts. See trailhead schematic for placement location. There are 5 distinct placards: 1) Welcome Banner. 2) Map (including index/legend and trail rating system). 3) Park Etiquette (including memorial dedication at bottom). 4) Community Bulletin Board. 5) Sponsors and Supporters. See schematic for dimensions and arrangement.



ID	Name	Status	Area	Difficulty	Style	Preferred Direction	Management Controls
I-002	Trailhead	Conceptual	800 sqft	N/A	N/A	N/A	N/A
Trail E	Experience (	Goals					
-	ry Experience cteristics	9	Desc	ription:	Surface is lev	vel and weed free co	onsisting of fine crushed
Sociali	zing		and plan a sturdy	nted with lo , outdoor p	w-water/nativ icnic table. T	ve shade tree planti rail kiosk is construe	Perimeter is fenced ngs. Seating consists o cted of very sturdy urk, route maps, trail

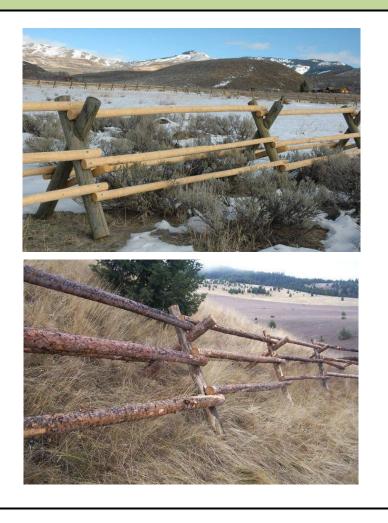
The main gathering area and information station for the Bike Park's trail network. Sighted above the skills area with sunny southern exposure, views of canyon mountain and town, and a ring of shade trees it is a pleasant spot to have a rest and take in the scenery year round. There is a picnic table, trash receptacle, and information kiosk.



Trail Index			
Route ID	Name	Status	
I-004	Fencing	Spec	
Experience Goals			

**Description:** Buck and Rail (or Jackleg) fencing to deter infringement of walking path and Parks & Rec

property. Buck and Rail fence on west end of School Board property extending south from "Well Rd" down to foot bridge that crosses irrigation canal. At north and south ends, fencing should extend to the east another 30-50 feet along south side of Well Rd. and the just above the irrigation canal. Buck and Rail fence approximantely 20 feet in length will also be needed between the west side of the pump track site and walking path. Buck and Rail fence specs: Bucks = The posts (bucks) for the A-frames should be 5 to 8 inches in diameter and 7 to 8 feet long, Rails (poles) should be 3 to 5 inches in diameter and 12-15 feet long.



I-005 Trash Parking Lot Spec   Trail Experience Goals Spec   Description: Weather, rust, and animal resistant outdoor trash receptacle of at least 36 gallon capacity.   Suitable designs include coated steel, coated expanded metal, and thermoplastic. See parking lot schematic placement location.   Reference	Route ID	Name	Status	
<b>Description:</b> Weather, rust, and animal resistant outdoor trash receptacle of at least 36 gallon capacity Suitable designs include coated steel, coated expanded metal, and thermoplastic. See parking lot schemati placement location.	1-005	Trash Parking Lot	Spec	
Suitable designs include coated steel, coated expanded metal, and thermoplastic. See parking lot schemati placement location.	Trail Experie	nce Goals		
Suitable designs include coated steel, coated expanded metal, and thermoplastic. See parking lot schemati lacement location.	Description	Mosther rule and animal resistant outd	our trach recented of at least 26 as	llen ennesity
placement location.				
	Suitable designs in	iciude coated steel, coated expanded me	etal, and thermoplastic. See parking	lot schematic for
Reference	alagement legation			
Reference	placement location	I.		
	placement location			
and the second state of th	placement location			

Trail Index				
Route ID	Name	Status		
I-006	Trash Trailhead	Spec		
Trail Experience Goals				

**Description:** Pole mounted coated steel or uv treated thermoplastic trash receptacle. Shall have at minimum one receptacle with at least 22 gallon capacity and may include a second receptacle of at least 10 gallon capacity for recyclables. Shall be mounted to steel or durable wooden post of at least 46" surface height. Receptacles shall contain bottom drain holes to prevent water build up. See trailhead schematic for placement location.



Trail Index			
Route ID	Name	Status	
I-007	Picnic Table Trailhead	Spec	
Experience Goals			

**Description:** Sturdy, maintenance free, outdoor specific construction with minimum of 6 person capacity. Shall be fixed to ground. See trailhead schematic for placement location.



Trail Index			
Route ID	Name	Status	
1-008	Signage Street	Spec	1
Experience Goals			

**Description:** Metal street signage to be mounted on existing or new poles at three locations: intersection of Main/Bridge, intersection of Bridge/7th, and intersection of 7th/Well. Signs advertise the existence and route of travel to the bike park and if followed from main street will unambiguously lead visitors directly to trailhead parking. Shall be of metal construction and wide rectangular shape possibly with one side having an arrow shape and pointing toward bike park route. GRAPHICS: "Mountain Bike Trail" followed by all three trail difficulty rating symbols and names: "Easy (green circle) Difficult (blue square) Most Difficult (black diamond).



Trail Index			
Route ID	Name	Status	
1-009	Signage Parking Lot	Spec	
Experience Goals			

**Description:** To be placed near entrance of parking lot off Well rd. Clearly identifies the parking area for the trail network as well as parking hours. Metal traffic sign on metal post. See parking lot schematic for placement location. GRAPHICS: Brown background with white lettering. Large square (with rounded corners) outligns a large "P"; in medium sized font below that "Bike Park Parking Only"; In smaller font below that parking lot hours e.g. "8:00am - 6:00pm".



Trail Index			
Route ID	Name	Status	
I-010	Signage Trails	Spec	
Trail Experience Goals			

**Description:** Vertical trail marker constructed of durable outdoor material such as fiberglass, concrete, steel, or treated wood placed near entrance to trails. GRAPHICS: Shall have in order from top to bottom: 1)EOTA logo, 2) trail name, 3) trail rating symbol (green circle, blue square, or black diamond) and rating name (Easy, Difficult, Very Difficult). 4) management control symbols (bikes, pedestrians, OHV).

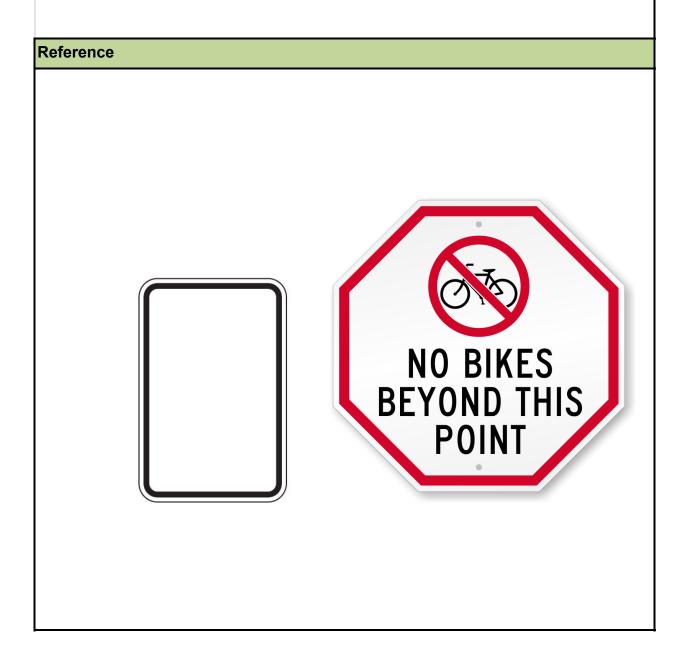




Trail Index			
Route ID	Name	Status	
I-011	Signage No Bikes	Spec	
Trail Experience Goals			

**Description:** Signs placed at strategic points to restrict bicycle traffic from flowing over onto neigboring

property and trail where bicycles are forbidden. Steel signs mounted on steel or sturdy wooden poles at minimum of 60" above ground level. Graphics: White background with red and black lettering. Large No-Bike icon above large text reading "NO BIKES BEYOND THIS POINT".



Trail Index			
Route ID	Name	Status	
I-012	Signage Wrong Way	Spec	
Experience Goals			

**Description:** Trail signage placed near exit of one-way directional trails to prevent users from riding against the flow of traffic. Small metal or composite sign mounted on "carsonite" sign post or similar. Graphics: Red background with white lettering; large "X" icon above large text reading "Wrong Way" above small text reading "Downhill Only".



Trail Index			
Route ID	Name	Status	
I-013	Signage Trailhead	Spec	
Experience Goals			

**Description:** Trail signage placed near entrance to trailhead from Well road; guides users riding to the site or parking at the trailhead directly to the entrance point for the trail network. Metal, wood, or composite sign mounted to or suspended from sturdy wood or metal posts. See trailhead schematic for location. Graphics: Brown background with white lettering; in large text "Insert Name of Park" above slightly smaller text reading "TRAILHEAD".

