

PRESENTED BY:



IN ASSOCIATION WITH:



SPECIAL SERVICES

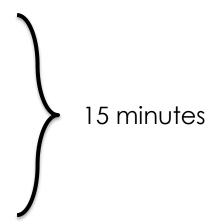






Hello!

- Objectives and Process Overview
- Findings and Input
- Plan and Recommendations
- Questions and Discussion



CHANGE CREATES OPPORTUNITY











Water Access

Improve integration of water resources & environment

History and Culture

Integrate and protect historic resources and narrative

Environmental Resiliency

Improve integration of water resources & environment

Recreation

Integrate community recreation & culture, provide destination quality amenity 1

2

3

4

5

6

7

Site Analysis

Confirm Needs & Program

Master Planning
(You are here)

Implementation Plan







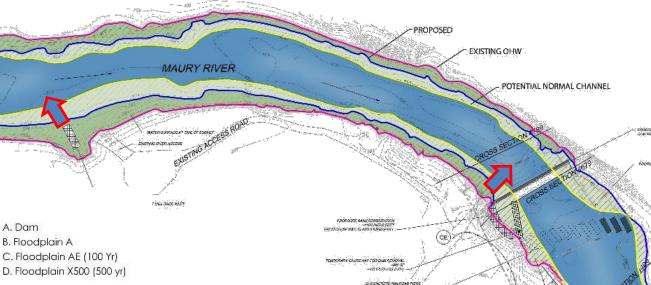




riggs ward

FLOOD PLAIN/FLOOD WAY





HEC-RAS modeling of the dam removal

February 2018 Study

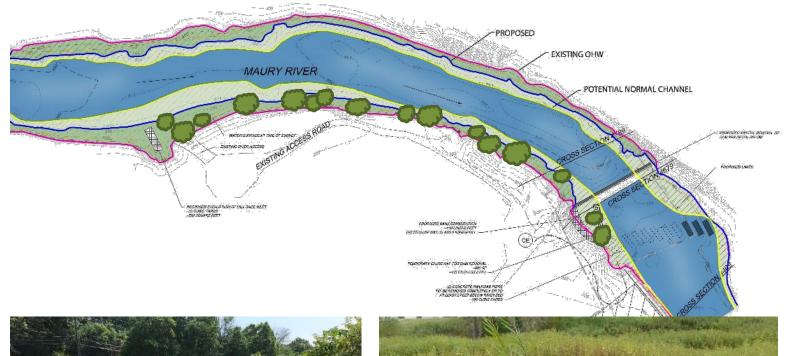
FEMA Study April 6, 2000

- No change below the dam
- Biggest change at dam
- Reduction upstream varied for the 100-yr storm and the Ordinary High Water level

Existing Elev. 924 above / Elev. 920 below

Streambank Stabilization

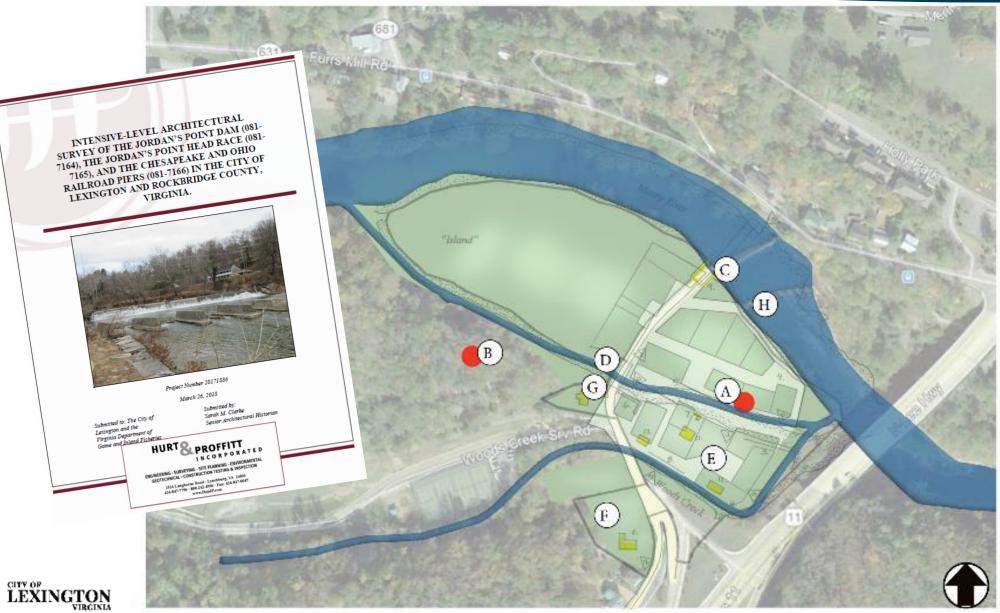
- Existing seeds in sediment
- Live stakes (willows and dogwood stakes planted during winter months)
- Bare Root Seedlings (coordinate w/ forestry dept for winter planting)
- Local plants establish best (200 mile radius)
- Riparian seed mix (slower to grow / best incorporated with cover planting)
- Blanket matting to minimize erosion
- Incorporate tree plantings into a community outreach program







HISTORICAL/ARCHEOLOGICAL FEATURES



A. Archeology site: Industrial and Transportation Center

B. Archeology site:

"McCauseland's Ridge": confederate sniper position, civil war

C. Covered Bridge Abutment

D. Millrace Bridge

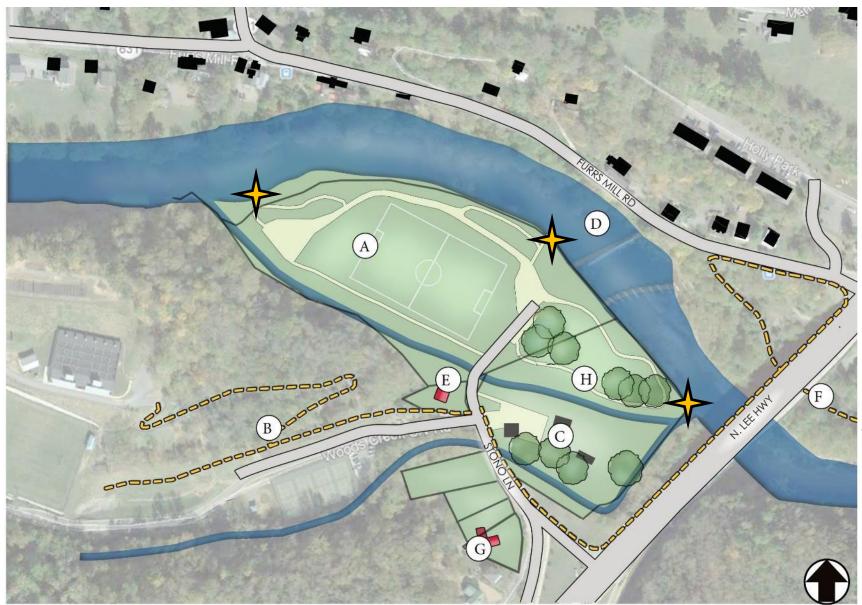
E. Historic factory and Mill buildings; cotton, woolen, flour, grist and lumber mills.

F. Beechenbrook Chapel (still in existence)

G. Miller's House (today is a museum)

H. River footpath

AMENITIES AND OPPORTUNITIES



- A. Recreational Field/play area
- B. Woods Creek Trail
- C. Covered Pavilion event and picnic area
- D. Canoe launch, Fishing Areas, paddling areas (slower waters)
- E. Miller House Museum/ Park Entrance
- F. Access to the Chessie Trail
- G. Historic Beechenbrook Chapel
- H. Walking Trail



Observations

- A well loved park!
- Visible/tactile history
- Sweeping river frontage
- Wear and tear/obsolescence
- Dominated by vehicles
- Pedestrian and vehicle conflicts
- Lack of engaging recreation
- Cluttered interpretive plan
- Erosion and degradation
- Legacy trees
- Vegetation threatens walls
- Wall timbers were intact (anaerobic)

Supporting Investigations and Reports

DHR review letter, October 2019 EDR NEPA Report, EDR, October 2019 Historic Preservation Recommendations, R.McGinnis, January 2019

Interpretive Narrative Approach and Concepts, Riggs Ward Design, February, 2020

Historic Wall Condition Assessment; McMullen Consulting Engineers March, 2020









Water Access

2 access points Remains viable Opportunity for amenity & integration Erosion

History and Culture

Visible

Engaging stories

Not tactile

Deteriorating

Adds value

Environmental Resiliency

Destabilizing

Non managed access

Lack of diversity

Recreation

Trail connectivity

Athletics

Fishing

River access

Limited diversity

Limited site engagement



WHAT WE HEARD

PRIVATE & PUBLIC STAKEHOLDER INPUT

City **Departments**

Local Groups

VMI

DHR



OPEN PUBLIC FORUM & CHARRETTE

Facilitate Interaction, Instill Ownership, Share Ideas



SYNTHESIS/FEASIBILITY TESTING

Integrate vision with site, economic and jurisdictional opps/constraints



REPORT BACK

Address feed back, demonstrate, document





Stakeholder, user groups, partners



Schools

Kids, families, educators

























Soccer

Word Cloud depicting responses from Stakeholdes Groups

LPDA

WHO is currently using Jordan's Point Park?

DIRECTIONS

PLACE 1 BLUE DOT next to a group that best defines your affiliation with Jordan's Point Park. PLACE 1 RED DOT next to another group that you are affiliated with at Jordan's Point Park.

VMI (Virginia Military Institute)
FOCT (Friends of the Chessie Trail)
RACC (Rockbridge Area Conservation Council)
Coastal Canoes/Virginia Paddlers
RARO (Rockbridge Area Recreation Organization)
Park Neighbor
Citizen of Lexington or Rockbridge County
Other Soccer Group
RACI (Rockbridge Assoc. for Community Involvement)
Bike related group or activity
RCHS (Rockbridge County High School)
RAOP (Rockbridge Area Outdoor Partnership)
W&L (Washington & Lee)
HLF (Historic Lexington Foundation)
RHS (Rockbridge Historic Society)
Monacan Nation
OTHER





Signs Picnic Area Tai Chi Kayaking Millrace Pavilion Dog Walking

Ward Claud depicting responses from Stakeholder Groups

WHAT facilities do you most often use Jordan's Point Park?

DIRECTIONS

PLACE 1 BLUE DOT on a facility you use/visit the MOST at Jordan's Point Park. PLACE 1 RED DOT on another facility you use/visit at Jordan's Point Park.

Miller's House	5
	Soccer Fleld
Historic Ruins	Chessie Trail
Parking	Millrace
Interpretive Signs	Overlook
	Parking







Word Cloud depicting responses from Stakeholder Groups

What are the STRENGTHS of Jordan's Point Park?

DIRECTIONS

Other

PLACE 1 BLUE DOT on what you think is the BEST feature/quality of Jordan's Point Park. PLACE 1 RED DOT on another strong feature/quality of Jordan's Point Park.

Maury River	Soccer Field	Pavillon	
Parking	Wildlife	Events	
Restrooms	Chessic Trail Connection	Muscum	
Picnic Areas	Location	Historic Signage	
Quiet/Meditative	Active/Exercise	Safety	



Traffic Noise Pavilion Availability River Access Few Trails

Word Cloud depicting responses from Stakeholder Groups

What are the WEAKNESSES of Jordan's Point Park?

PLACE 1 BLUE DOT on what you think is the biggest WEAKNESS of Jordan's Point Park.

PLACE 1 RED DOT on another weakness at Jordan's Point Park.

Vehicular Access	Insufficient Parking					
Lack of Wayfinding Signage	Access to the Chessie Trail					
Pavilian Acoustics	Not Enough Trails					
Overlook Area	Trash Lack of Flowing Water in the Millrace					
Lack of Connection Between Facilities						
	Pavilian Acoustics Overlook Area					



Jordan's Point Park Master Plan Public Feedback

LPDA

Expand Parking Improve River Access Improve Chessie Trail Access
Reduce Pedestrian and Vehicular Conflict
Consistent Trail Surface
Limit Historical Signage

Improve Road Advante Better Signage

Maintenance Improve Boat Launch

Resourt Chosele Trailband

Add Picnic Tables at River

Interpret History
Plant Native Plants

Enhance Overlook

Word Cloud depicting responses from Stakeholder Groups

How can we IMPROVE EXISTING FACILITIES at Jordan's Point Park®

DIRECTIONS

PLACE 1 BLUE DOT on the potential improvement that is MOST IMPORTANT to you at Jordan's Point Park. PLACE 1 RED DOT on another patential improvement you would like to see at Jordan's Point Park.

Reduce Pedestrian/Vehicular Conflicts	Improve Vehicular Access	Imprave Boot Launch
Improve River Access	Interpret History of Site	Expand Parking
Plant Native Plants	Add Picnic Facilities near the River	Limit Historical Signage/Manuments
Better Wayfinding Signage	Enhance Educational Experience	Expand the use of Soccer Field
Create a Consistent Trall Surface	Enhance the Overlook Area	Improve Chessle Trall Access
Cledie d Colladelli II di Collade	Elimine life Oferious Aled	improve chesise from Access



Jordan's Point Park Master Plan Public Feedback



Historical Tours Exercise Stations Running Loop Kayak Lessons Event Camping Amphitheater River Equipment Rentals

Special Events at the Park Multi-Generational Play Electric Hookups Connect to City-Wide Bike Route Nature Interpretation

Word Cloud depicting responses from Stakeholder Groups

Multi-generational "Playaround"

What **ADDITIONS** to facilities or programming would you like to see at Jardan's Point Park?

DIRECTIONS

More Special Events at the park

PLACE 1 BLUE DOT on the addition you would MOST like to see at Jordan's Point Park.

River Equipment Rentals

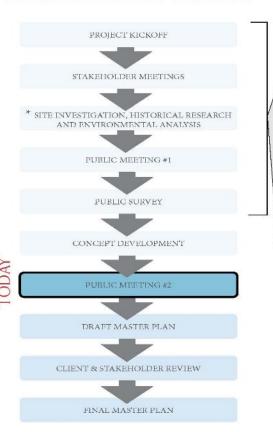
PLACE 1 RED DOT on another addition you would like to see at Jordan's Point Park.

	2012	6 522
Amphilheater	Electric Hookups for food trucks/vendors	Running Loop
Connect to City-wide Bike Route	Nature Interpretation	Exercise Stations
Non-vehicle Event Comping	Historical Tours	Kayak Lessons
Interactive Art-in-Place	Other	
No New Facilities or Programming	_	

CONCEPT REVIEW



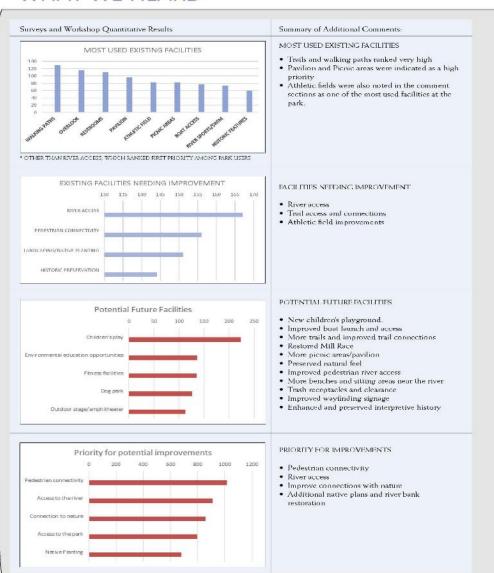
MASTER PLAN PROCESS



* Regarding the Mill Race

As a result of this study, LPDA has recommended that the city engage an engineering firm to investigate the technical pros and cons of rewatering the Mill Race. Additionally, LPDA has recommended engaging a preservation engineer to assess, preserve, and protect the historic structures in the tail race.

WHAT WE HEARD



SUMMARY

Jordan's Point Park is a cherished place for residents and visitors in Lexington. It is unique because of its location on the Maury River and should be enhanced to celebrate and better utilize the river. Any changes should be sensitive to the environment, blend with the existing character, and use native materials/plant species.

- The Maury River is the main focal point and identity of Jordan's Point Park. The river creates a unique location and setting for the park that distinguishes it among other local parks. The river draws many destination visitors and local residents to enjoy kayaking, paddling, and swimming. Some are drawn to the park to view its rich ecosystem of river fauna and flora and others simply enjoy the views.
- Jordan's Point Park is located at the crossroads of two important trail systems: The Wood's Creek Trail and Chessie Trail. Historically, a footbridge allowed access to the Chessie Trail at Jordan's Point, which is no longer deemed a viable option. Chessie Trail access is difficult and somewhat unsafe requiring traversing a busy highway bridge. Respondents indicated that a high priority for the park is to enhance these trail connections and access points.
- Jordan's Point Park's athletic field is widely used throughout the area. For respondents, the athletic field emerged as one of the most important priorities. The park hosts many soccer games and tournaments. For the home team, the field is a place of pride and a reflection of their community. The field is in good to average condition, but enhancements are necessary.

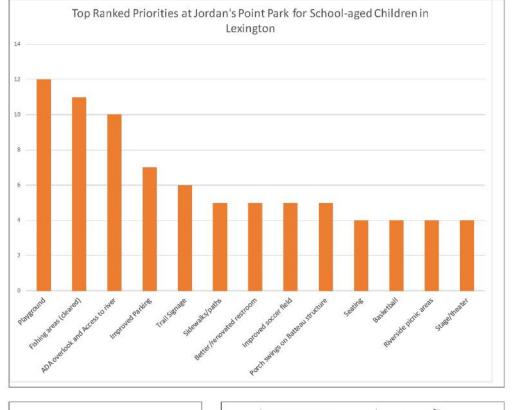
PROJECT PRIORITIES

- · River access, visual and physical
- Pedestrian access, better connections to trails and to the park
- Wayfinding signage, improve park access and circulation
- · Preservation of natural habitat, tranquility, native plants, and history
- · Stabilize and vegetate new exposed river banks
- Upgrades to athletic field and related facilities
- Picnic spaces, bigger pavilion and additional picnic areas along the
- Introduction of a play space, integrated with nature
- Improves parking, especially offering overflow for athletic events
- Improved interactive historic interpretation
- Consider adding a dog park or dog run in or near the park

STUDENT INPUT

Priorities

- Playground
- Fishing Areas
- **ADA River Access**
- Improved Parking
- Signage
- Walkways
- Restroom

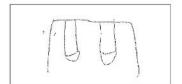




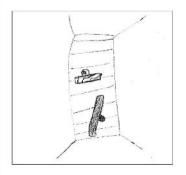


FULL LIST OF CHILDREN'S PRIORITIES FOR JORDAN'S POINT PARK

Playground	1
Fishing areas (cleared)	1
ADA overlook and Access to river	1
Improved Parking	7
Trail Signage	6
Sidewalks/paths	5
Better/renovated restroom	5
Improved soccer field	5
Porch swings on Batteau structure	5
Seating	4
Basketball	4
Riverside pícnic areas	- 4
Stage/theater	4
Docks	3
Improved area around field	3
Dog trail or park	3
Interpretive signage	3
Revegetate/stabilize shoreline	3
Sandy area near river	3
Splash park	3
Garden Area	3
More Trees	2
Canoe/kayak access	2
No swim zone signs	2
Improve trash situation	2
Geocaching opps	2
Bridge areas	2
Kiosk - fishing supplies, snacks	1
Museum expansion	1
clear invasive plants	1
Tadpole ponds	1
Hot tub	1
Riverwalk	1
Rope Course	1

















WATER ACCESS

Improved canoe/kayak launches Integrated parking

Enhanced river views

Riverside access

Riverfront promenade Fishing

HISTORIC/CULTURE

Conservation of Mill Race

Stabilization of structures

Protection/conservation of resources

Tactile interpretation

Decluttering of signage Integrated tour

Environmental Resiliency

Increased native vegetation

Preservation and improvement of canopy

Revegetation

Stream bank stabilization

Low impact development

Integrated SWM

Recreation

Athletic field improvements

Event and performance

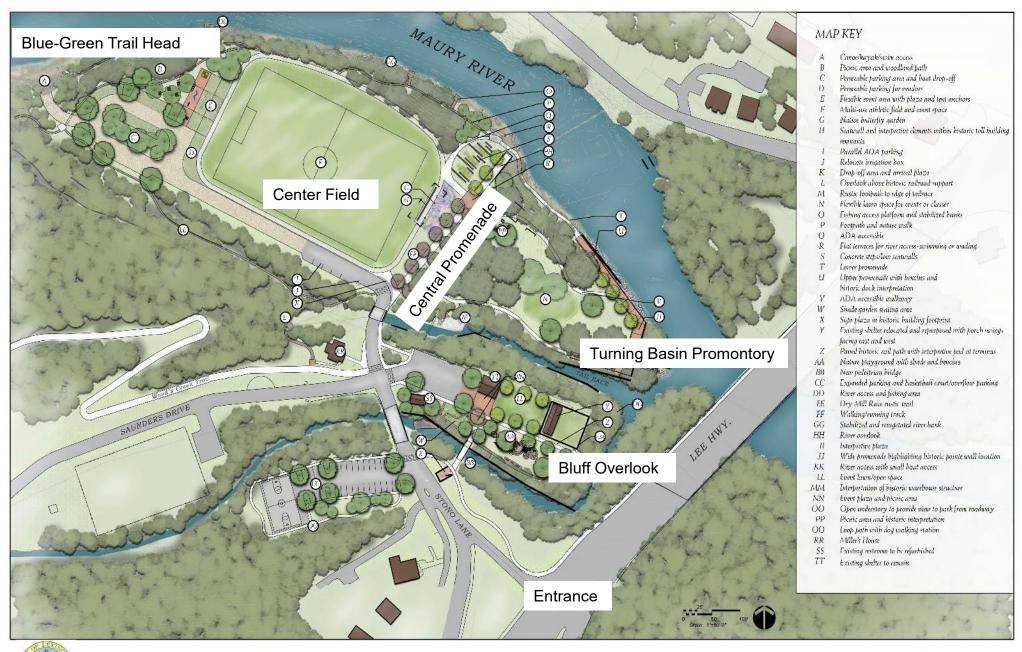
Play areas

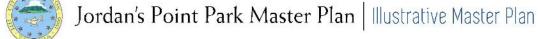
Walking loop

Trail access

Fitness stations

Equipment rentals

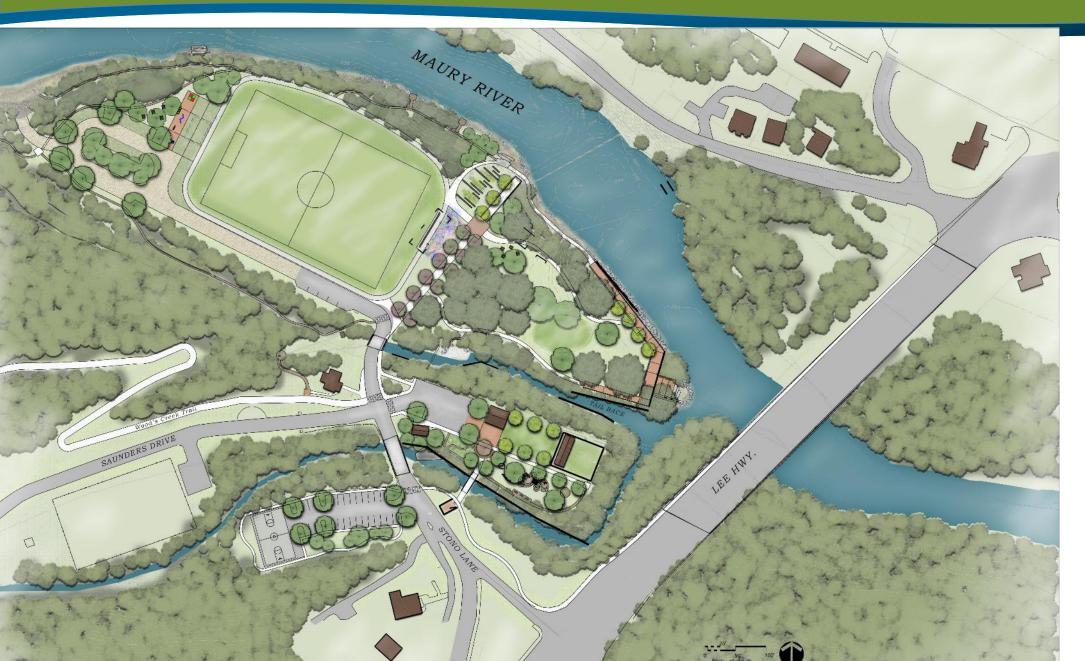






MASTER PLAN

TECHNICAL FRAMEWORK



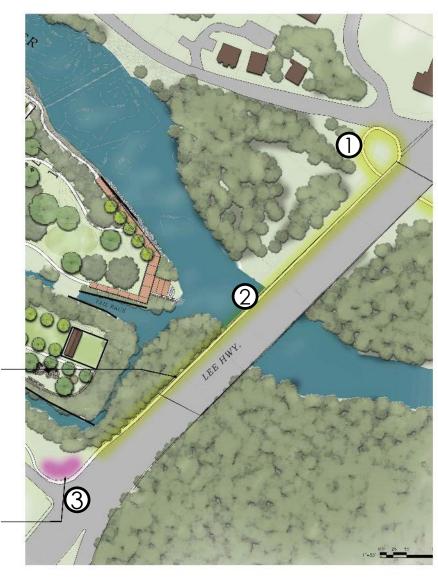


Alternative VMI and Park entrances

Rte 11. (Lee Hwy.) multi-use path



Gateway intersection improvements



KEY

- Maury River Trail connection and bridge sidewalk
- 2 Multiuse bridge path
- Gateway landscape
- 4 Alternate Saunders Drive alignment
- Alternate park entrance
- Stono Lane pedestrian path

CENTRAL ACCESS PROMENADE



KEY

G	Perennial Gardens
Н	Toll House Gardens
1	ADA Parking
J	Relocated Irrigation
K	Drop Off Plaza
L	Overlook
0	Fishing Platform
Р	Nature Walk
Q	ADA Access
R	River Terraces
S	Stormwater Steps
FF	Multiuse Field
HH	River Overlook
II	Interpretive Plaza
	Confederate Overlook



BLUFF OVERLOOK AND ENTRANCE



TURNING BASIN PROMONTORY

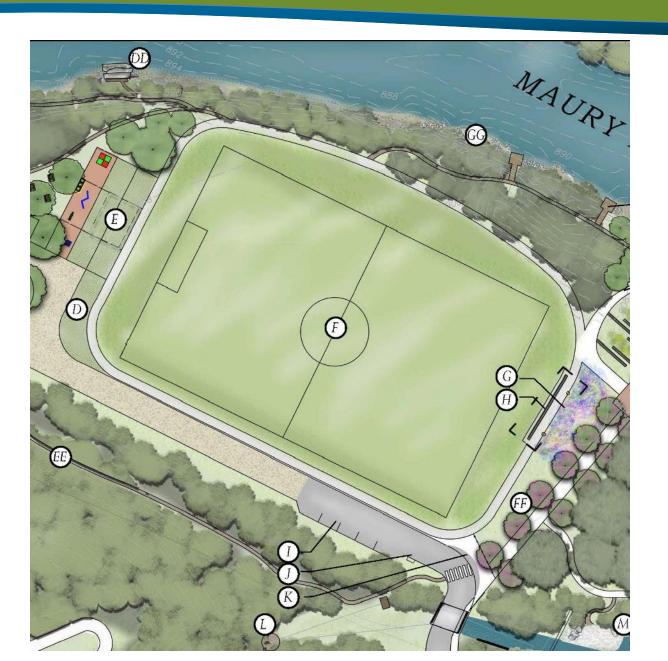


<u>KEY</u>

M	Tail Race Access
Ν	Multi Use Lawn
T	Lower Promenade
U	Upper Promenade
V	Loop Path
KK	River Terraces
JJ	Upper Terrace
PP	Picnic Area Interpre



CENTER FIELD



<u>KEY</u>

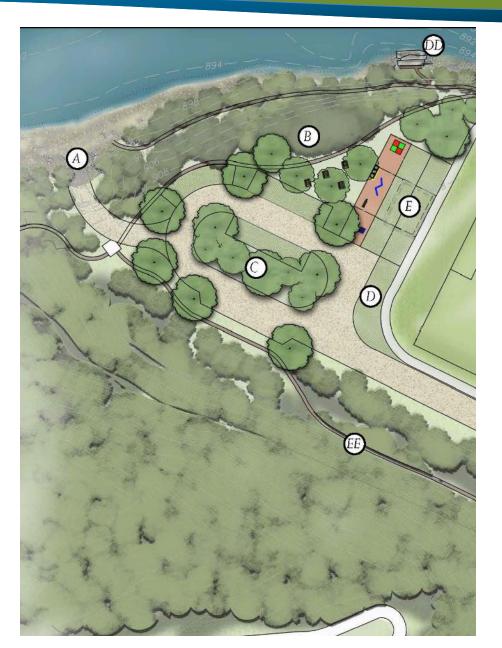
E Event/Play Area
F Multiuse Field
I Access Road
EE Mill Race Trail

GG Riverbank Stabilization

Loop Path



BLUE WAY/GREENWAY TRAIL HEAD



<u>KEY</u>

Α	Canoe/Kayak/Swim
В	Woodland Picnic & Path
С	Permeable Parking
D	Vendor Parking
Е	Event/Play Area
DD	River Terrace/Fishing
EE	Mill Race Trail



CULTURAL RESOURCES



<u>Preserve and Interpret</u>

- Protect known and likely archaeological resources through minimization of land disturbance
- Continue archaeological investigations, historical research, and documentation and assessment of historic structures to protect the integrity of the historic district and to support site design and interpretation
- Preserve surviving historic structures and other significant built resources through stabilization and repair following The Secretary of Interior's Standards for the Treatment of Historic Properties
- Create a visitor experience that is research-based, focused on the interrelated historical and ecological significance of Jordan's Point and its environs, and addresses visitor experience goals and objectives established by the City of Lexington and key stakeholders
- Ensure the compatibility of proposed new interventions by appropriately responding to the historic character of the site

CULTURAL RESOURCES



<u>KEY</u>

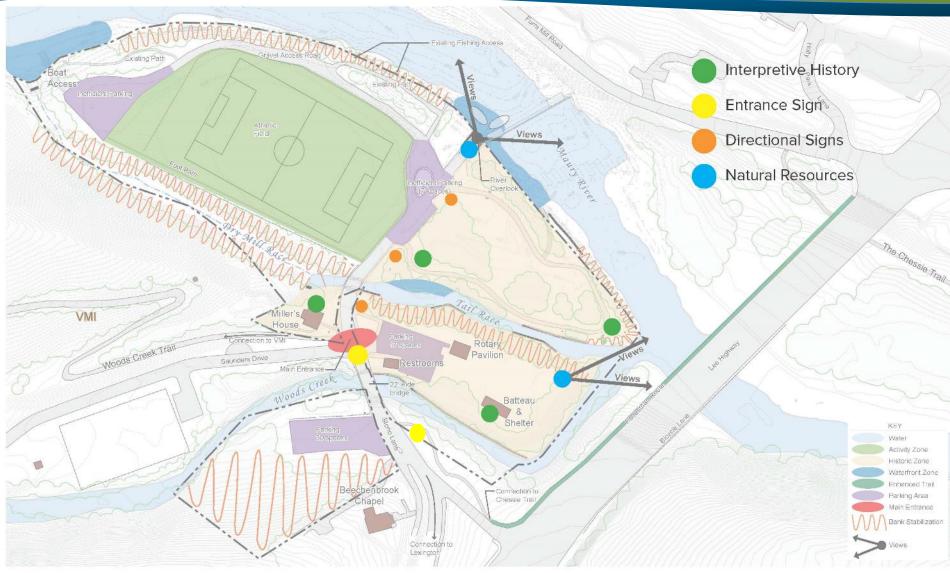


Visible/Remaining

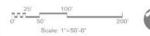


Traces & Sub Terrain

INTERPRETIVE PROGRAM









INTERPRETIVE PROGRAM

WAYFINDING



Wayfinding signage will orient the visitor and provide insight to the recreational opportunities at JPP.

Details on the signs could include:

- Map
- Rules and Regulations
- Site History
- Site Locations
- Recreational Activities
- City Information
- Partnering Organizations
- · Support and Donation Information





GROUND MARKERS



Ground markers will help orient the visitor and provide insight into the history and the historic structures of JPP. Ground markers can also be used to create a timeline or provide quotes from significant tigures.

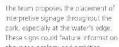






TACTILE EXPERIENCES













INTERPRETIVE PROGRAM

SUPERIMPOSED GRAPHICS



The learn proposes using superimposed graphics for historic Teatures and structures at IPP Interpretation becomes interactive and provides visitors with the opportunity to see the original architecture and purpose of the structure. It also allows visitors to explore how history has led to what remains today. Whether the features were destroyed by nature or by man, these signs can be used as a great tool to discuss topics like erosion, or history of industry in the area.





OVERLOOK



The team recommends the addition of an overlook to the property. An overlook would allow visitors to see the effects of erosion, flood lines, and new channel potential, it provides an alternative perspective. Adding content or elements (timeline, quotes, graphics) into the overlook would help connect visitors to the site's past and the environment and condition it is in today





NATURE PLAY



Outdoor exhibits can be playfulengage with your surroundings to connect with nature. This participatory environmental design encourages movement, engagement, and energy, to uncerstand the relationship between people and the environment Our fearn recommends nature play to create a sense of adventure, discovery and appreciation among visitors of all ages. An informal approach to education can be taken to emphasize interaction with nature. Younger children will delight in Ending surprises and uncovering secrets while older groups can gain a sense of confidence by building their own experiences.





MOBILE TECHNOLOGY



Our learn proposes the development of a phone and that provides oformation about the park, both historic and contemporary. The appcould provide a walking four with the option of exploring places and people related to the sites. We propose developing an app in conjunction with the Miller House Museum and local historians.

iBeacon

Electronic beacons, designed for ndoors or cutside, have interesting interpretive potential. These Bluetooth transmitters can send notifications to personal phones when they are in close proximity. Once the message is received, a user can simply open the notification on the phone to view each geacon's content.

Electronic beacons require app development and a method for users to download the appionse personal phones However, they eliminate the visual intrusion associated with wayside installations and avoid varidalism's not they can be easily hidden from view.

Unlike interpretive panels, beacons can offer text, images, sound, and Video. At present, beacon battery life is: approximately 12 months.





PUBLIC ART



Public art and engaging visuals help visitors identify, define, and relate to a sense of place. These thoughts and relations would further segway into greater impact of the site, the people that helped form it, both past and present, and the activities that helped sustain the community.

Lexington has a wealth of artigalleries and artisan shops. By working with community artists and artisans to generate a mural depicting the evolution of the Lexington community the project will radiate inclusivity. camaradoric, and community growth The mural could depict important themes or people associated with the park. The team proposes a mural to be painted on the structure that houses the restrooms.









Requirements and Best Practices

Water Quality

- Over 1 acre disturbance
- Potential reduction in impervious area
- Common plan of development
- Reduce phosphorous load by 20%

Water Quantity

- Less than 1% drainage area
- Meets state channel protection/flood req.
- No additional retention needed or feasible
- Likely reduction in post development run off

Means and Methods

- Conserved open space and revegetation
- B Enhance permeability and TOC (flooding/siltation)
- Onsite mitigation or purchase of credits

<u>Permitting</u>

Clean Water Act

USACE Nationwide Permit 42 – 60-90 days

FEMA

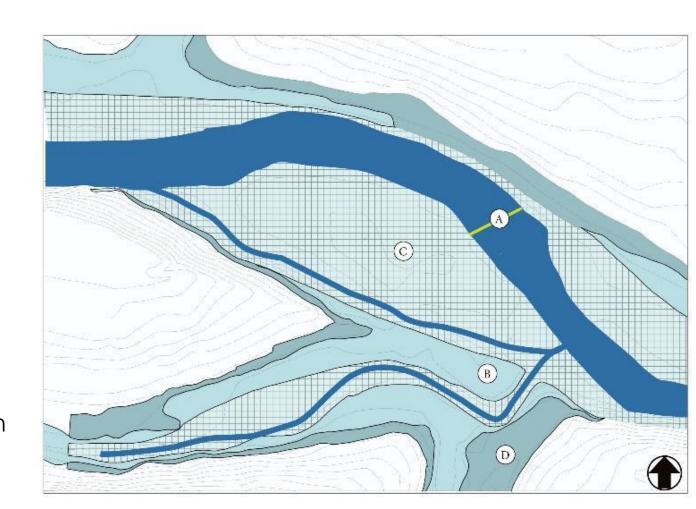
- Zone AE (15' + GE)
- 0 balance fill
- LOMR/CLOMR

Protected Species

- Mussels
- Bats
- Limited impacts

Cultural Resources

- 17 mapped features
- Section 106 Compliance
- Construction monitoring and DHR notification



	+	PROTE	CRESOUI CTION O RETATIO	IR .	р	NVIRONM PROTECTII EHABILIT	ON OR		REG	CREAT	ION		WATER	ACCESS			RECO	OGNIZE	D NEED?
	Feature is visible in the landscape	Feature is not visible but shown in historic documentation	Impacts to resource avoided or stabilacation proposed	Opportunity for interpretive signage or intersection	Impacts river or riparian quality	Enhances native ecosystem and increased	Permittable/ a lowed	Opportunity for interpretation or interaction	Provides for active organized recreation	Active I ving and play - not organized	Dagorlunity for events	Allows for canoe/kayak/ aaddleboard access	Swimming or wading access	Fshing access	Views to river is a predominant feature		Existing amonity gets used	Need unmet 'n surrounding area	Expressed demand (stakeholders, public
A: Canoe/kayak/swim access at existing poat access		8			х		х	х	х	х	х	Х	X		х		х	х	х
B: Picnic area and woodland path with river views						X	Х	Х		Х	Х				X		Х		X
C: Permeable parking area and boat drop-off					Х		Х	х				х	Х				Х	Х	Х
D: Permeable parking for canoe/kayak/food/beer vendors					Х		х		х	х		х						Х	Х
E: Flexible event area with permeable plaza and tent anchors					Х		Х	Х	X	Х	Х							Х	Х
F: Multi-use recreational field and event space							х		Х	Х	Х						Х		Х
G: Native butterfly garden						Х	Х	Х	1 1				3						X
H: Seatwall and interpret ve elements within historical building remnants		Х	Х	X		v													X
I: Parallel ADA parking										Х	X						Х		Х
J: Relocated irrigation box					X												Х		
K: Drop-off area and arrival plaza				Х			Х		1										
L: Overlook above historic railroad support	х		Х	Х			Х	Х	8 8									- 8	х
M: Rustic footpath to edge of tallrace	Х		Х	Х	X	0	Х	Х		Х			X		Х		Х	Х	Х
N: Flexible lawn space for events or classes							Х		X	Х	х						Х		X
O: Fishing access platform and stabilized banks					X		Х	Х		Х		Į.		Х	Х		Х	Х	X
P: Footpath and nature walk					X		-	Х		Х					Х		Х		Х
O; ADA accessible river access path			_				Х				Х		X		X			Х	Х
R: Fat terraces for river access-swimming or wading			_		Х		X	Х		Х	X	- 3	Х		Х		Х	- 3	Х
S: Concrete steps/low seatwalls and LID stormwater structures	_			-	Х	Х	Х	Х				-			Х	\blacksquare			Х
T: Lower promenade and river walk	_						Х			Х		Х	X		X	\blacksquare	X		X
U: Upper promenade with benches and historic dock interpretation	X		X	X	Χ		Х	Х		Х				Х	Х			Х	X:
V: ADA accessible wa kway	_	_	_				X			Х						\vdash	Х		
W: Shade garden seating area	_		\vdash		\vdash	X	Х	Х								\blacksquare			X
X: S'gn plaza in historic building footprint		Х	1	Х			8		8 0	Х		- 2	-						
Y: Existing shelter relocated and repurposed with porch swings facing east and west	_		14	14					S 30	X X	Х				Х			Х	X
7: Paved historic rail path with interpretive pad at terminus	_	×	X	×	-	Nr.	X	W		X						-		х	X.
AA: Nature playground with shade and benches BB: New pedestrian bridge	_	-	_	-	_	A	X	X.	-	X						-		X	X.
CC: Expanded parking and pasketball court/overflow parking			_		-		Α.		v	X	v		_					X	Ŷ
DD: River access terraces and fishing area	_	_	_		х	x	X	100	^	x	^			v	v	-	v	^	÷
EE: Dry M II Race rust o trail	Y		×	Y	^	۸	×	Y	2 2	X				^	^	-	^		Ŷ
FF: Walking/running track	- 15		24	~			/4	^	×	X	x							x	x
GG: Stabi ized and revegetated river bank	_	_	-		x	Y	x	x	^	^_	^				x			^	X
HH: R ver overlook	x		x	x	1	1		-			х				x		x		x
II: Interpret ve plaza				X					1			- 1							
II: Wide promanade high ighting historic wall location at "point"		x	x	X				х	8 18		Х				х		х		х
KK: River access with small boat access					х		х	х	х	х	Х	Х	Х		х		х	х	х
Lt: Event lawn/open space									X	Х	Х						х		Х
MM: Interpretation of historic warehouse structure		X	х	X															Х
NN: Event plaza and picnic area									х		Х						х		х
DO: Open view to park from roadway												-							х
PP: Picnic area and historic interpretation		x	X	x				х	8	х	х				X		X	- 3	х
QQ: Loop path with dog walking station					х		х			Х		- 4						х	х
RR: Miller's House																	х		Х
		+		_	_	-		1								$\overline{}$	v		v
SS: Exisiting restroom building to be refurbished																			

Priorities:

- Define safe water access points for different uses
- Reduce vehicular traffic on the island
- Preserve and enhance tree canopy and streambank vegetation
- Improve and add recreational opportunities
- Preserve open space
- Incorporate interactive cultural and historical interpretation

Questions & Discussions

Thank You for Your Time!

