

# Township of Leeds and the Thousand Islands

Planning and Concept Development  
Furnace Falls Park, Lyndhurst, Ontario

Public Meeting #2 / Presentation – 01.February.2018

**J.W. TAYLOR CONSULTING**  
PLANNING DESIGN PROJECT MANAGEMENT

# Furnace Falls Park Development Summary

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## ● Planning Development – 2017 / 2018

- Planning Review meeting at Township Municipal office
- Project Site meetings at Furnace Falls Park
- Preliminary Concept Drafts through Public Meetings \*
- Preferred Concept Plans and Report submitted
- Review of plans with TLTI CAO, Recreation Coordinator & Director of Planning and Development
- Presentation at the TLTI Meeting of Council . February – Early March 2018.

# Community Strategic Vision for TLTl

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## Sustaining the Natural Environment –

- Rivers, lakes, streams and natural landscapes – one of the critical contributing factors to quality of life in TLTl.
  - Needs to be protected and accessible for all to experience and enjoy.

## Community Development –

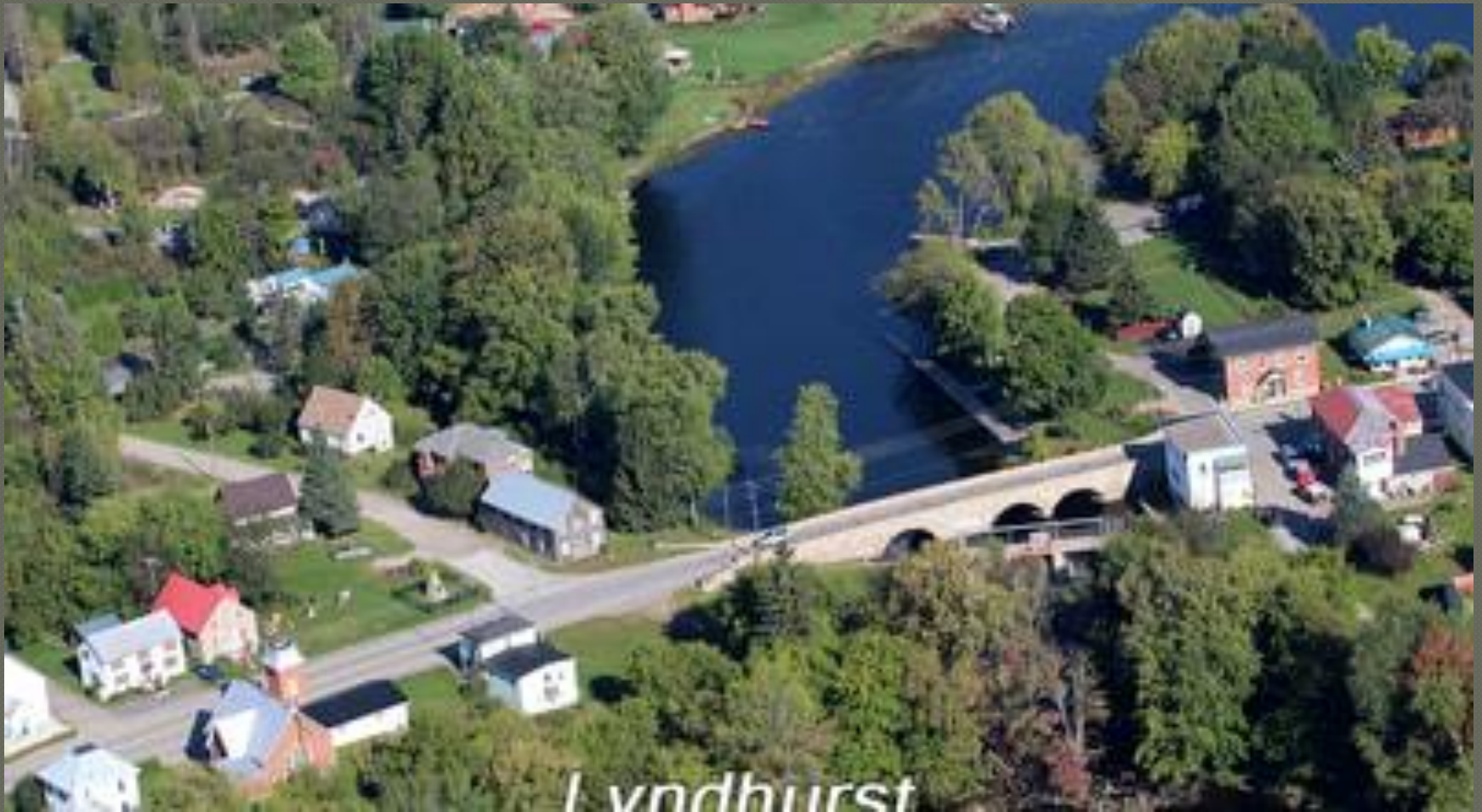
- Choose to live in TLTl because of the connection to their community.
  - We must continue to make improvements through physical, social, natural and sustainable means.

## Creating a Sustainable Economy –

- Allowing business to thrive and investment opportunities to exist.
  - Small business development, tourism & new investment opportunities.

# Lyndhurst / Furnace Falls

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# Lyndhurst Rejuvenation Committee Strategic Plan – Lyndhurst, Ontario

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## Strategic Themes and Recommendations –

- Promotion of our region's natural beauty;
- Business development and investment;
- Local History – Revitalization of landmarks, other than the heritage bridge;
- Enhancing connections for sustainable growth –
  - Physical / Digital / Social.

# Furnace Falls Park and village of Lyndhurst Development Project . 2018

Creating a Community Hub with Multi-disciplinary connections –

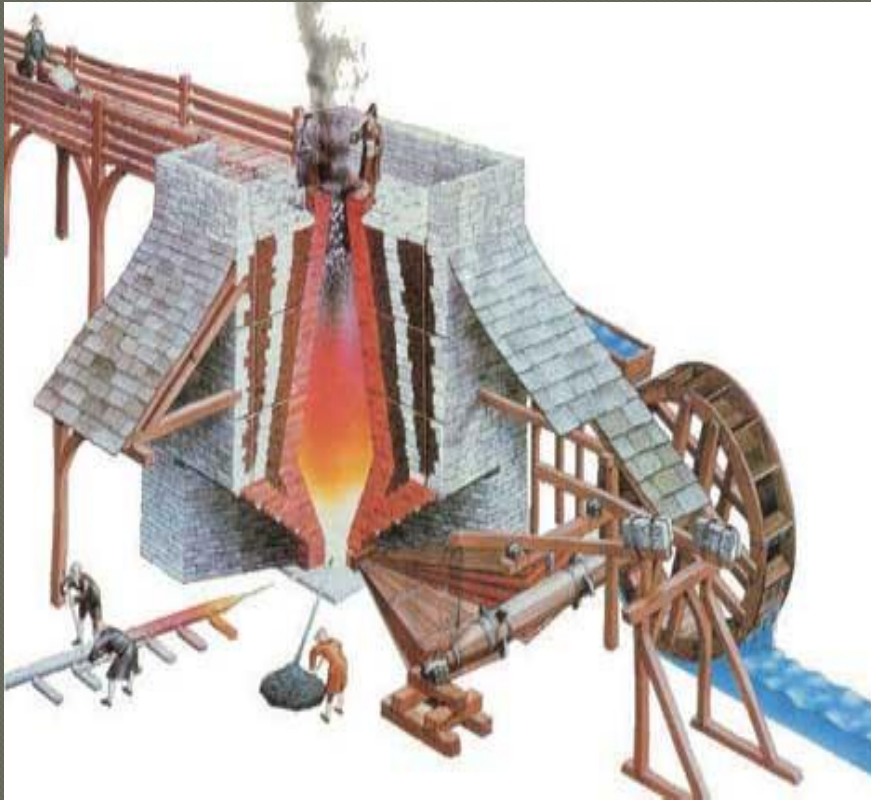
- Canoeing / Kayaking
- Walking Trails
- Boating
- Fishing – Summer & Winter
- Bicycling
- Musical
- Historical
- Economic revitalization
- Interpretive signage / displays
- Re-examine village parking
- Emphasis local interests





# Concept Visions for Furnace Falls – Strategies for Long Term Development

- National Historic Site



- Natural Water Routes





# Concept Visions for Furnace Falls – Strategies for Long Term Development

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## Amenities for Visitors



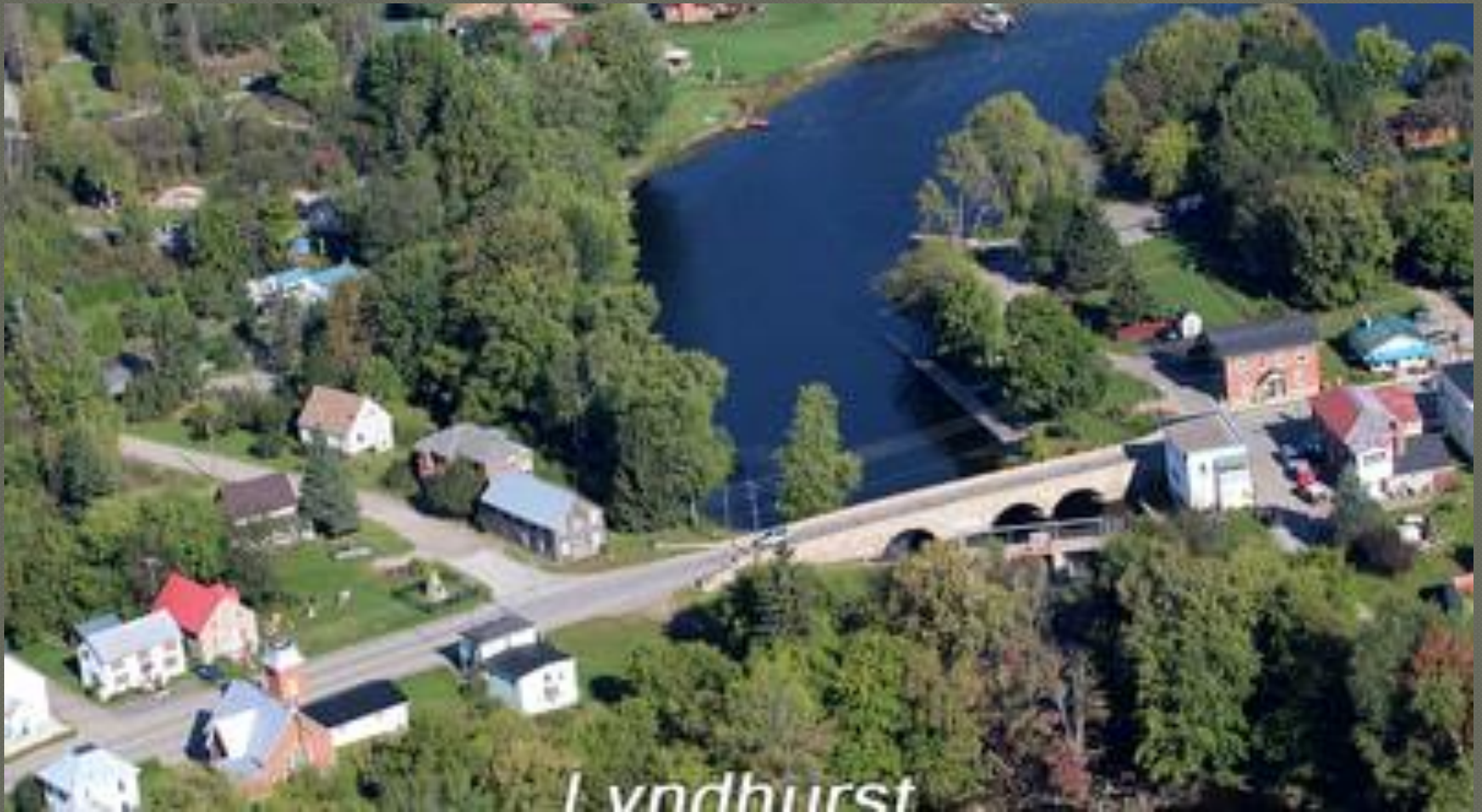
## Gathering point for residents





# Furnace Falls Park Development

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# Concept Development Review – Potential Development – Jonas St. Park

- Addition of a Pickle Ball to the existing court surface
- Addition of Light Standard next to the Park Bench





# Concept Development Review – Potential Development - Wetland Lookout

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- Trail destination for Township residents and visitors



# Concept Review Potentials – Wetland Lookout along new Township Waterfront Trail

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# Concept Development – Waterfront Trail

## Natural Landscape Privacy Barrier

MULTIPLE NATIVE TREES AND  
SHRUBS

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OFFSET WOODEN BARRIERS  
WITH SEVERAL BENCHES

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# Concept Review – Additional Docking Facilities for small motor craft, kayaks and canoes.

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● Small motor craft & canoe



● Kayaks / Canoes





# Furnace Falls Park – Extended

## South end of Ford Street – Portage Point

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# Concept Development – Outdoor Chess Tables and Park Bench seating

## Outdoor Chess Tables



## Park Bench seating





# Concept Development –Implementation of Fish cleaning stations on waterfront

Wooden frame with surfacing



Tilted with hose and lighting





# Furnace Falls Park - Concept Development

## Potential secondary pedestrian crossing

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- Span bridge with potential central support pier
- Series of floating bridge sections w/ fixed anchors





# Concept Development Review – Bridge Building at Upper Mill Pond to compliment the heritage bridge

- Existing single-lane bridge w/ compromised pedestrian accessibility and safety
- Original heritage bridge following upper-level restoration work completed





# Furnace Falls Park – Washroom Renovations

2018 Composting Toilet system / building with Information Kiosk



Alternative design with hard paved surface approach & entry – note discreet venting





# Concept Development Review – Washroom renovations

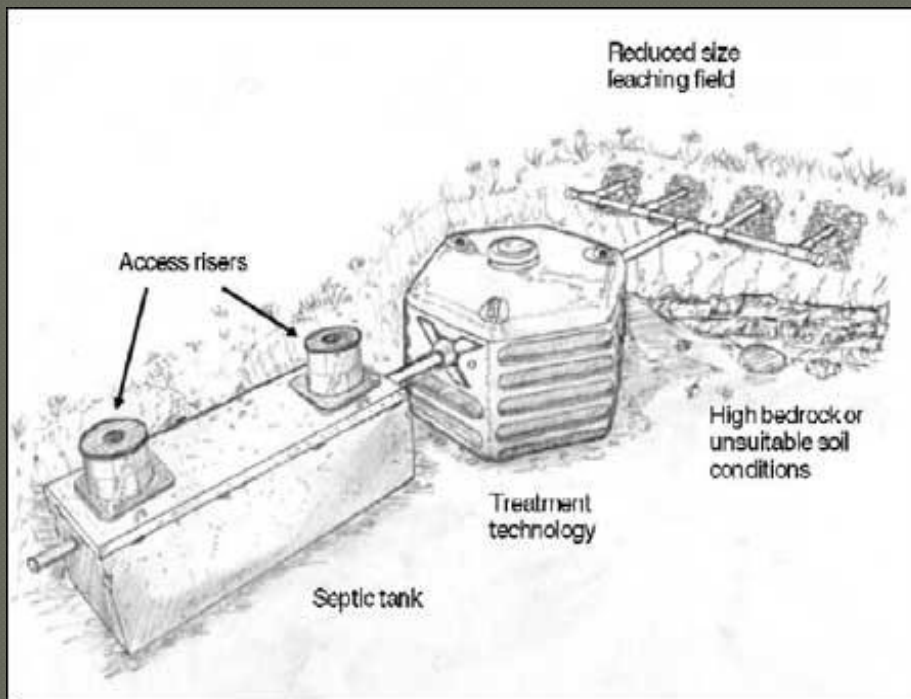
- Full AODA Standards compliance with simple interior and hardware
- Understory composting units with full heating units and ventilation fans



# Concept Development Review—

## Visitor Washroom renovations – Tertiary Septic Systems

- Tertiary System layout with double chamber tank + tertiary tank for maceration / aeration.
- Compact tank system orientation which greatly reduces the required leaching field size.





# Concept Development Review – Additional Public Washrooms

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# Furnace Falls Park – Concept Development

## National Historic Site - Interpretive Centre

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- Post and beam construction with room for information panels and seminars
- Concrete piers with stone facing to compliment the bridge





# Furnace Falls Park – Concept Development

## New Park Community Events Pavilion / Band Stand

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- Heritage Iron construction on a slightly raised platform for music and public speaking
- Small wooden raised pavilion in a shaded park setting





# Furnace Falls Park – Concept Development

## New Park Community Events Pavilion / Band Stand

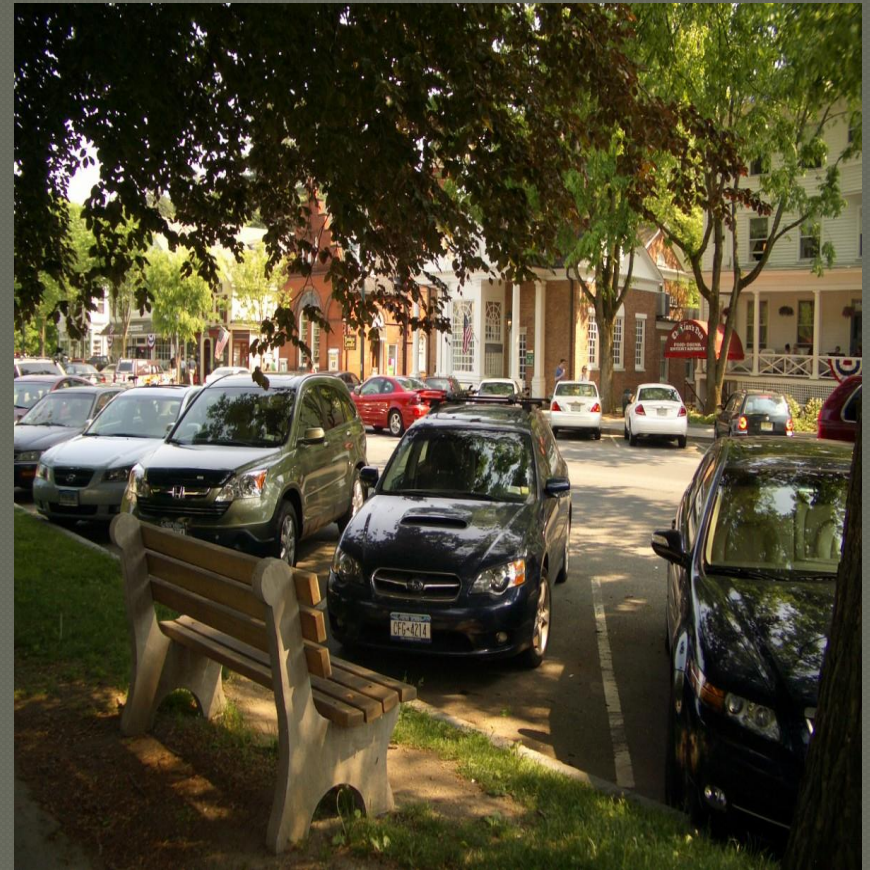
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- Alternative iron post design with connecting walkways and paving stones
- Small band shell with wooden construction and a copula on the peak.





# Lyndhurst / Furnace Falls – Vehicular Parking Opportunities



# Lyndhurst / Furnace Falls – Vehicular Parking Opportunities

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# Furnace Falls Park – Potential Trail(s) to the Lower Mill Pond area

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Create a trail head to extend along upper section of newly Township parkland-west of bridge



Continue with a fully accessible switchback trail / walkway to the Lower Mill Pond area.





# Furnace Falls – Lower Mill Pond

## Potential tertiary Lyndhurst Creek Crossing

Crossing from a high-water point to the extension of Ormond street



This establishes a complete cycle of the Upper and Lower Mill Ponds





# Lyndhurst / Furnace Falls Park – WayFinding Signage

UPRIGHT INFORMATION BOARD  
WITH MULTIPLE CONTENTS



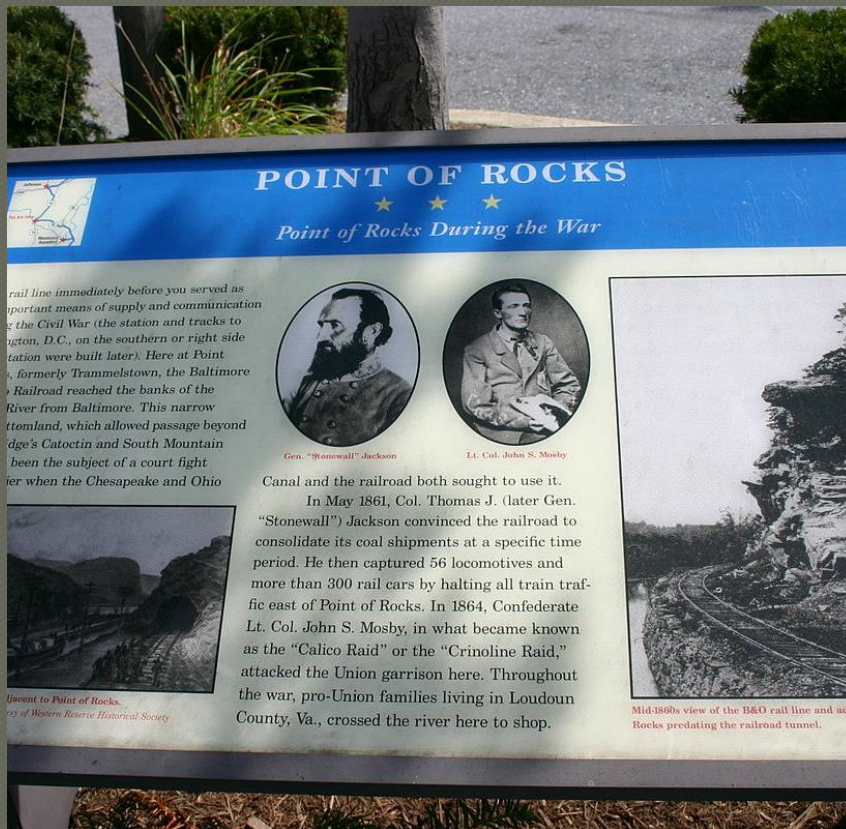
HORIZONTAL STORY BOARDS  
WITH SITE IDENTIFIERS





# Lyndhurst / Furnace Falls Park – Heritage & Wetland / GRWA Signage

## HERITAGE STORY BOARDS – NATIONAL HISTORIC SITE



## WETLAND & GANANOQUE RIVER WATERWAYS ASSOCIATION





# Concept Development – Bicycle Routes and Potential Rentals

CREATE BICYCLE STATION FOR RENTALS



SECURE LOCK-UP / STORAGE FOR RENTALS AND VISITORS





# Furnace Falls Concept Review- Potential Park Lighting

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To accent walkways and trails



Attract residents and visitors into  
an evening community environment





# Furnace Falls Park Concept Review

## Additional Bench Seating in the Park

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# Furnace Falls Park – Concept Development

## Recommended Phase Development for 2018

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- I. Washroom renovations in full at existing Furnace Falls Park site to ensure operational status for Summer.2018;
- II. Pursue partnerships with the MNR to establish permits for continued Archeological excavation work, particularly on the west side of the bridge / park site;
- III. Initiate renovation and exploratory cleanup work at the new 405 Lyndhurst Road park property;
- IV. Follow-up on the simple upgrades noted for Jonas Street Park – i.e. (i) Pickle Ball Court line painting and equipment purchases; (ii) Fence section renovation; (iii) Re-installation of engineered cedar mulch in the playground area; (iv) NB: *Wait on light standard installation until a choice has been established for Lyndhurst Parks as a whole;*
- V. Begin a dialogue / applications with the CRCA to accomplish two objectives: (i) Begin moving forward with the Wetland Lookout and, (ii) Submit a design portfolio & application for the refurbishment of the Ford Street portage upgrade.



# Furnace Falls Park – Concept Development

## Recommended Phase Development for 2018

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- VI. Initiate and complete all physical modifications and improvements to the new Waterfront Trail for full compliance with the AODA guidelines – NB: *Complete in conjunction with the Wetland Lookout implementation;*
- VII. Look into the design, positioning and installation of at least one (1) functioning Fish Cleaning Station for the 2018 fishing season(s);
- VIII. Initiate further discussions, Grant opportunities, strategic partnerships with all stakeholders and agencies potentially involved with the development, financing and construction of the proposed new bridge crossings x 2;
- IX. Continue developing a dialogue with private landowners regarding leases, easements or purchases of land parcels to establish land-falls for the respective bridge approaches.
- X. Begin discussion with Township, sponsor partners, and committees to establish designs, content and funding stream for 'wayfinding', NHS and wetland / GRWA signage with thematic continuity.



# Furnace Falls Park Development Summary – Next Tasks and Objectives

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- Create a Preferred Concept Plan an accompanying Project Report Summary;
- Review of the Plans / Report Summary with the TLTI CAO, Recreation Coordinator and the Director of Planning & Development;
- Present the Final Concept drawings at the TLTI Meeting of Council with ROM Costing;
- Initiate RFP / Tender process for 2018 Project Work

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