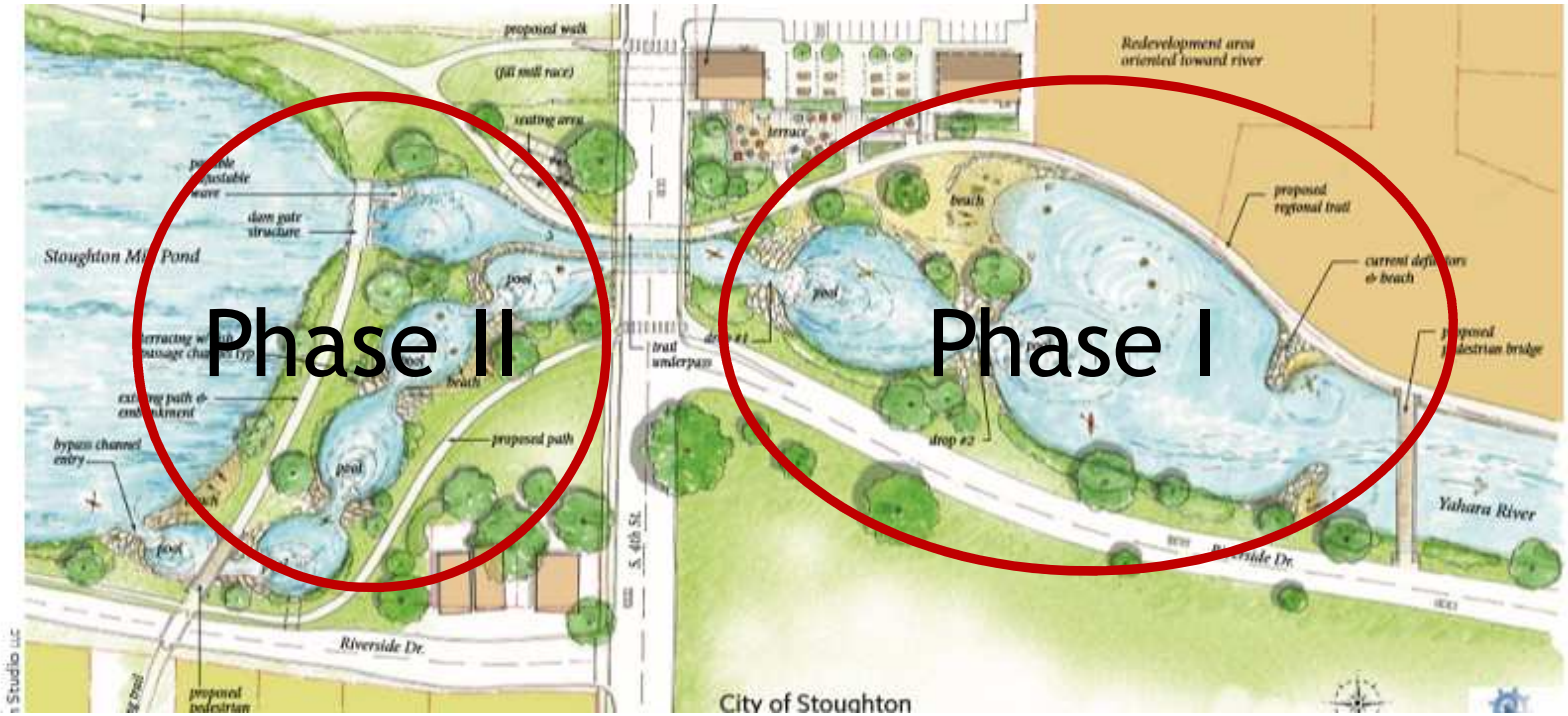
Project Timeline



Phase I vs Phase II

Phase I – Downstream of 4th St Bridge

Phase II – Upstream of the 4th St Bridge

Gary Lacy vs DNR Phasing Recommendations

- DNR Recommendation:
  - Trails/Riverwalk
  - Bank Restoration
  - Bridge

- Gary Lacy Recommendation:
  - Trails/Riverwalk
  - Bank Restoration
  - Bridge
  - In-Stream Features

- **MILESTONE:** What phasing process to use?

Three (or Four) Projects in One

1. Possible Dam Removal
2. Riverbank Restoration
   - RDA Area
   - Mandt Park
   - Upstream of 4th St
3. Trails/Riverwalk
   - RDA Area
   - Mandt Park
   - Upstream of 4th St
4. Whitewater Park

1. Possible Dam Removal Timeline

- Dam Out vs Dam In Decision: Needs to be made before any riverbank restoration design
- What needs to be done to make the decision?
  - Preliminary Sediment Sampling – Addresses:
    - What the contamination is
    - Ballpark idea what the cost is to dispose or manage
  - Dam Out Hydro Study – Addresses:
    - Water levels between the dam and the railroad bridge
    - Water levels north of the railroad bridge
    - Water levels downstream of the dam
- **MILESTONE:** Decision made by ASAP

Possible Dam Removal Timeline Cont.

If dam removal is decided:

- Dam out concept plan for the whitewater park in 2019
- Dam Removal Feasibility Study -
  - Better cost estimate for dam removal
    - Sediment management or disposal plan
    - Bathymetric survey may be needed for this and is needed for whitewater design
  - Helps apply for 2020 grant cycle of the WDNR Municipal Dam Grant Program - $400k
- **MILESTONE**: Dam Removal Feasibility Study done by end of 2019
- **MILESTONE**: Apply for WDNR Municipal Dam Grant Program in 2020

https://drive.google.com/open?id=1s6lGSEOLBNvgHmmHFbtDbnoBPeXjk6F9

- Dam Removal Engineering in 2021
- **MILESTONE**: Dam is removed and whitewater park is built by end of 2022

Possible Dam Removal Timeline Cont.

If dam in is decided:

- Dam In Hydro Study
- **MILESTONE:** Dam in Hydro Study completed before April 1, 2020

2 & 3 - Riverbank Restoration and Riverwalk Timeline – RDA Site

- Riverbank Restoration Design & Engineering – 60% by April 1, 2019
- Trail Design & Engineering – 60% by April 1, 2019
- **MILESTONE:** Apply for DNR grants by May 1, 2019
- **MILESTONE:** Apply for TAP grant by Fall 2019

- Riverbank Restoration Design & Engineering – 100% completion for RDA site by ?
- Riverbank Restoration Construction - ?% for RDA site by ?
- Trail Design & Engineering – 100% completion for RDA site by ?
- Trail Design Construction - ?% completion by ?
- **MILESTONE:** Trail & Riverbank Restoration completed by 2020

2 & 3 - Riverbank Restoration & Trails Timeline – Mandt Park

- **MILESTONE**: Mandt Park Master Plan completed by ?

- Riverbank Restoration Design & Engineering – 60% completion for Mandt Park by April 1, 2019
- **MILESTONE**: Apply for DNR grants by May 1, 2019
- Riverbank Restoration Design & Engineering – 100% competed for Mandt Park by end of 2020
- Trail Design & Engineering – 60% completion for Mandt Park by April 1, 2019
- **MILESTONE:** Apply for TAP grant by Fall 2019
- Trail Design & Engineering – 100% completion for Mandt Park by end of 2020
- **MILESTONE**: Trail & Riverbank Restoration construction completed by end of 2021

- **MILESTONE**: Pedestrian bridge connecting RDA area to Mandt Park completed by end of 2021

2 & 3 – Riverbank Restoration & Trails Timeline – Upstream of 4th St

- Riverbank & Trail Design & Engineering 60% completed by April 1, 2020
- **MILESTONE:** Apply for DNR Grants by May 1, 2020
- **MILESTONE:** Apply for TAP grant by Fall 2020?
- Riverbank & Trail Design & Engineering 100% completed by end of 2020
- **MILESTONE:** Riverbank restoration and trails construction completed by end of 2022

4. Whitewater Park Timeline

- Gary Lacy vs DNR Phasing?

- Dam out concept plan in 2019 (only if dam removal is an option)

- Whitewater Park design and engineering 60% completed by April 1, 2020
  - Bathymetric Survey may be needed for the dam removal concept or feasibility study
- **MILESTONE:** Apply for DNR grants by May 1, 2020
- **MILESTONE:** Whitewater Park permitted by end of 2020
- Whitewater Park design and engineering 100% completed by end of 2021
- **MILESTONE:** Whitewater Park construction completed by end of 2022

2019 Costs

Dam Out vs Dam In

- Prelim Sediment Sampling - ~$10k
- Hydraulic Analysis - $38k

Dam Out – Yes

- Dam Removal Feasibility Study - ~$25k
- Dam Out Concept Plan - $14k

Whitewater Features Downstream of Bridge – Yes

- Prelim Design (60%) & Permitting –

Trail Design

- RDA Trail Design (100%) -
- Mandt Park Trail Design (60%) -

Riverbank Restoration

- RDA Riverbank Restoration Design (100%) -
- Mandt Park Riverbank Restoration (60%) -

2019 Budgeted Amounts

- RDA - $50,000 for Riverbank Restoration & Trail Design
- Parks & Rec - $50,500 for preliminary design of improvements downstream of 4th St bridge, $38,000 for hydraulic study