



Potential coordination with Ames Park proposed water features

High points of each weir at downstream-pointing weir portions (boulder cluster)

Max water level decrease at mill ~8 ft drop

Typical Drop Per Weir ~0.9 ft

Ex. thalweg @ bridge: ~894

No water level decrease upstream of this horseshoe weir

568 ft

Ex. thalweg: ~896

Dam crest: 900.2

Ex. max scour: 885.2

Ex. thalweg @ bridge: 889.1

- ★ Points of Interest
  - ▬ Low Flow Channel
  - ▬ Flow Paths
  - ▬ Boulder Weir
- Conceptual Project Footprint**
- ▭ Options 2 and 4
  - ▭ Options 3



**FULL DAM REMOVAL,  
EXPANDED RAPIDS  
FOOTPRINT**  
Ames Mill Dam Replacement  
City of Northfield, MN

OPTION 3

