

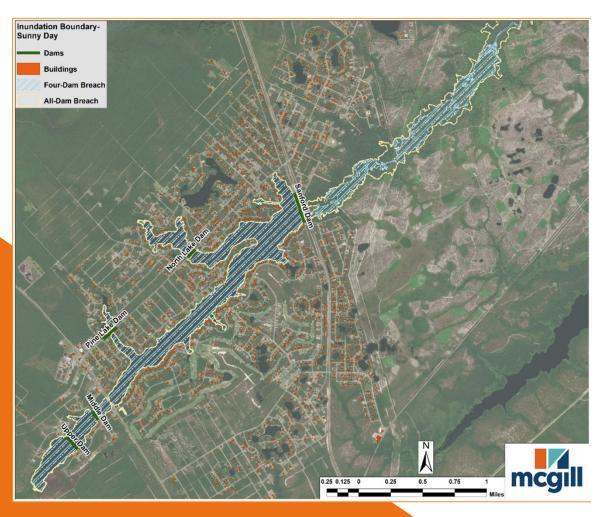
#### BOILING SPRING LAKES DAMS CONSTRUCTION/RECONSTRUCTION

90% Board Update

January 24, 2021





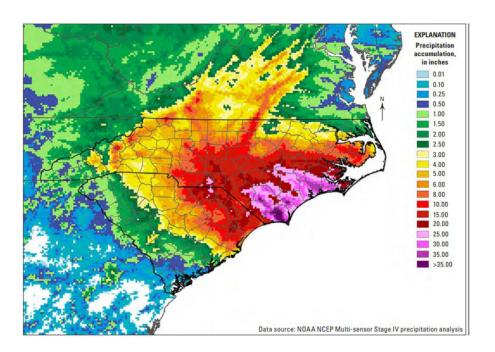






## Agenda

- 90% Design Update
- FEMA
- City's Potential Cost Share
- RFQ (Prequalification)
- Next Steps







# **Project Status**

Notable Events Since 60%	
PLD/NLD Eligible Cost Submittal	9/28/20
RFQ Issued	10/14/20
<ul> <li>Pre 90% call with Dam Safety</li> </ul>	10/20/20
<ul> <li>SD/ULD Eligible Cost Submittal</li> </ul>	12/22/20
Start-Construction NCDEQ 90% Submittal Date	1/14/21
<ul> <li>Qualified Bidder's List and Easements</li> </ul>	1/22/21





### **Recent FEMA Coordination**

- Date: 9/28/2020
- Topics
  - ✓ PLD, NLD and EBSR
  - √ NCDOT project
- Results
  - ✓ FEMA sent to CRC on 1/22/2021

- Date: 12/20/20
- Topics
  - ✓ SD and ULD
- Results
  - ✓ CRC review nearing approval

Discussions on Mitigation for all Dams will commence once we have base costs approved. Anticipate up to 100% of base cost





## **Projected City Cost Share**

	Improved	FEMA Eligible	Potential					
Dam	▼ Project Cost <sup>1</sup>	Base Cost	FΕ	MA CEF	Mit	igation <sup>3</sup>	City's Share	
SD	\$28,046,648	\$ 5,725,308	\$	3,391,909	\$	5,725,308	\$13,204,124	
ULD	\$1,994,921	\$356,351	\$	298,288		\$356,351	\$983,932	
NLD <sup>2</sup>	\$1,524,667	\$483,077	\$	400,954		\$1,758,077	\$0	
PLD <sup>2</sup>	\$1,246,648	\$293,847	\$	243,893		\$703,847	\$5,061	
TOTAL	\$32,812,884	\$6,858,582		\$4,335,044		\$7,268,582	\$14,193,116	
1 Based on Engineer's 90% Estimate of Probable Construction Cost								
2 Based on prelim submittal and CEF from ULD, actual eleigible cost may vary								
3 Mitigation limited 100% FEMA Base SD/ULD, Includes NCDOT costs for PLD/NLD								

Note: All amounts are still tentative pending FEMA approval





### **RFQ**

- The City received 10 submittals
- The Evaluation Committee reviewed all submittals and met to discuss results
- Conclusion is 6 qualified bidders (announced 1/22/21)

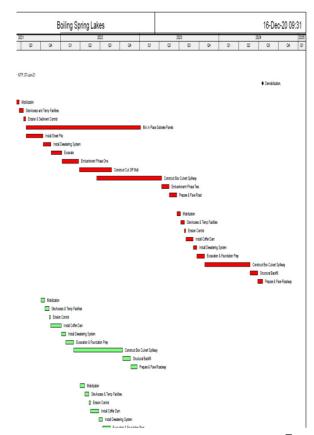
		Prequalification	Scoring N	latrix									T
				1	2	3	4	5	6	7	8	9	10
Reviewer:				Civil Works Cont.	Crowder	Johnson Bros.	Kiewit	Morgan Corp.	Phillips & Jordan	Sequoia	Spell Const. Co.	Thalle Const. Co.	Trader Const. Co.
Form #	Description	Score Condition	Max. Score	Pts	Pts	Pts	Pts	Pts	Pts	Pts	Pts	Pts	Pts
Totals				101	151	146	121	161	161	146	DQ	156	121
ECTION 2.	MINIMUM CRITERIA FOR PREQUALIFICATIONS												
Α	Is your firm registered to do business in the State of North Carolina?	(If "No" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
В	Is your firm a licensed contractor in the State of North Carolina?	(If "No" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
С	Does your company have the resources to bond this project?	(If "No" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
D	Surety Bond Rating												
	a) Surety letter attached?	(If "No" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
	b) Surety bond rating A or better under the A.M. Best Rating system or The Federal Treasury List?	(If "No" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
E	Insurance and indemnification												
	a) Is the company capable of meeting the minimum insurance requirements?	(If "No" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
	b) Copy of company insurance certificate attached?	(If "No" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
F	Has your present company, its officers, owners, or agents ever been barred from bidding public work in North Carolina.	(If "Yes" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	đ
G	Has your present company, its officers, owners, or agents been convicted of charges relating to conflicts of interest, bribery, or bid-rigging in the last five years.	(If "Yes" then Disqualified otherwise 1)	1	1	1	1	1	1	1	1	1	1	1
			0		_	0	0		0		0	0	a



### Schedule

- Durations from Contractors ranged from 2.5 to 4 years with an average of 3 years
- Engineer's estimate is 3-4 years
- Cost will increase as duration limit reduces
- Example: Paving Drayton Road (est. \$550K)
  would allow PLD and NLD to proceed in
  parallel which could save 3-4 months. This
  is currently an Alternate Bid Item.
- Consider adding incentives









# **Next Steps**

Critical Dates	
Submittal to Dam Safety	12/23/20
<ul> <li>Coordinate FEMA Eligible Costs and Mitigation</li> </ul>	12/20/20 - 3/1/21
<ul> <li>Dam Safety Review and Approval</li> </ul>	1/14/21 to 4/14/21
Bidding and Contractor Selection	4/14/21 to 6/15/21
Start Construction	7/1/21