



City of Boiling Spring Lakes

Board of Commissioners Regular Meeting

July 9, 2019

City Hall – 6:10 PM

Internet Access Guest Password – WiFi2345

**Please Note ~ audio recording of meetings are available on our website
Under Minutes and Agendas tab**

PLEASE TURN OFF CELL PHONES

6:10 p.m. Executive Closed Session

A ***motion*** was made by Commissioner Stewart, a ***second*** by Commissioner Witt to move into Closed Session to discuss a proposed contract for the acquisition of real property by purchase, option, exchange, or lease involving the police department facility.

Vote ~ 5 ~ 0

A ***motion*** was made by Commissioner Stewart, a ***second*** by Commissioner Witt to move out of closed session.

Vote ~ 5 ~ 0

1. Call to Order ~ Mayor Craig Caster ~

Mayor Caster announced the Board has given our city manager authorization to proceed with acquisition of property and report back to the BOC.

2. Attendance ~

Mayor Craig Caster	Commissioner Steve Barger
Commissioner Mark Stewart	Commissioner Guy Auger
City Manager Jeff Repp	Commissioner Dana Witt
Captain Rick Spencer	City Clerk Jane McMinn
Chief Greg Jordan (excused)	

3. Pledge of Allegiance ~ Captain Rick Spencer

4. Approval of Regular Agenda ~

A *motion* was made by Commissioner Stewart, a *second* by Commissioner Witt to add Ms. Connie Shaw to the agenda as an applicant for the Library Commission for a term of three (3) years.

Vote ~ 5 ~ 0

5. Public Hearings ~

- a. Location of accessory buildings, mechanical equipment and playsets.
- b. Maximum building height requirements in the residential zoning district.
- c. Master development plat plan requirements.

There were no public comments made on the public hearings listed above.

6. Hurricane Florence Update ~ City Manager

Mr. Repp reviewed:

1. FEMA project status phases of work
2. Dam updates
3. McGill Contract;
4. USDA-NRCS Grant Update

Hurricane Florence Update dated July 9, 2019 is hereby incorporated by reference and made a part of these minutes.

7. Public Comment ~

a. Tracy Clark ~ 961 Morningside Rd.

Ms. Clark stated she has concerns for our city as a whole to find a way for the existing taxpayer base that lives in this city that they belong in the city. There are many diverse people here. My fear is that I do not want to be pushed out of Boiling Spring Lakes. I ask you when you make decisions please take into account what section of town you are talking about along with the economics of the section of town. I encourage us to be a transparent city.

b. David Mammay ~ 911 Palmetto Rd.

Mr. Mammay commented he has watched Southport and Oak Island grow. We only have one chance to do this right. We have a great team here and they all work together to help each other. As the city goes forward it is important that we grow right and do it right. Thank you for everything you do.

8. Approval of Minutes ~

- a. Board of Commissioners Stormwater Workshop Minutes ~ May 29, 2019
- b. Board of Commissioners Closed Session Meeting Minutes ~ June 4, 2019
- c. Board of Commissioners Regular Meeting Minutes ~ June 4, 2019

d. Board of Commissioners Special Budget Meeting Minutes ~ June 12, 2019

A ***motion*** was made by Commissioner Barger, a ***second*** by Commissioner Witt to approve;

a. Board of Commissioners Stormwater Workshop Minutes ~ May 29, 2019

b. Board of Commissioners Closed Session Meeting Minutes ~ June 4, 2019

c. Board of Commissioners Regular Meeting Minutes ~ June 4, 2019

d. Board of Commissioners Special Budget Meeting Minutes ~ June 12, 2019

Vote ~ 5 ~ 0

9. Consent Agenda ~

a. Public Works

b. Public Safety / Animal Control

c. Building & Grounds

d. Parks & Recreation

e. Finance Department

f. Building Inspections / Code Enforcement

A ***motion*** was made by Commissioner Barger, a ***second*** by Commissioner Stewart approving the Consent Agenda.

Vote ~ 5 ~ 0

10. Committee / Board Reports and Minutes ~

a. Community Appearance Commission ~ Chair, Zelma Rygg

Mrs. Rygg reported the Commission has been busy passing out welcome packages and encouraging new residents to come and visit the city, and possibly volunteer for some of the committees. We are working on our property recognitions and we would like to thank the Board for approving the funds for new projects.

b. Planning Board ~ Chair, Bill Clark

Mr. Clark reported no public comments were made. Under Old Business, we discussed Appendix B ~ Table Plan/Plot Requirements. We signed a Text Amendment and Consistency Statement, which has been forwarded to the BOC. Under New Business, we also looked at Article 5.7 ~ Table of Area, Setback, Living Area and Height. The Consistency Statement was unanimously approved. The members had a discussion on Article 5 ~ Commercial C-1A Multi-Use. The Board tabled this topic until the next meeting.

c. Parks & Recreation Advisory Board ~ Chair, Tom Guzulaitis

Mr. Guzulaitis commented the Advisory Board was unable to hold our meeting last month for lack of a quorum. We are scheduled to meet again this month. The Board will discuss the 2019/2020 budget, look at possible North Lake property acquisitions, boat launch regulations, pets in the park, vegetation treatment for some of the lakes, pedestrian plan update, as well as welcome our new members and review parks police reports.

d. Special Events ~ Chair, Jackie Barker

Mrs. Lucille Launderville reported for Mrs. Barker.

Special Events is working on our next event which is the Mayor's Cup Golf Tournament which will be held at the Lakes Golf Course on August 24, 2019. We had lettering done on the Special Events trailer and it looks wonderful. There is one opening for one (1) alternate on the committee, and we encourage anyone to apply who would be interested. We have a great team and we look forward to welcoming a new member.

e. Library Commission ~ Chair, Francis Thomas

Mrs. Thomas reported a box of books has been donated to the library along with a bag of books. The Commission takes a month off in the summer and members voted to forgo the August meeting.

f. BSL Fire/Rescue ~ Chief Theresa Tickle

Commissioner Mark Stewart gave the report for Chief Tickle.

- In the month of June there were 51 EMS calls and 28 fire related calls;
- Safety and Survival Certification classes were held;
- The Fire Department participated in the Southport Firefight competition and took 1st place in the barrel push, 3rd place in the command post and 3rd place overall;
- FEMA updates ~ project 77153, Equipment Summary (hours) is 'obligated.' This means it will move to the State for funding;
- Two checks are pending issue to the BSLFD from the State for the mold and remediation repairs and equipment summary check; and
- The repair permits for Station 3 have been submitted and we hope to see work starting soon.

11. City Manager's Monthly Report ~ Mr. Jeff Repp

- Mr. Repp reported as of May 31, 2019 the city had \$2,273,796 in cash and investments.
- After 11 months of the fiscal year, the city sales tax revenue is running .14% ahead of schedule, roughly \$13,000 with one more month left in the fiscal year.
- As of May 31, 2019, 97% of the property taxes have been collected by the county and sent to the city.
- For the fiscal year 2019, the city ended with 40 residential building permits issued, which is 10 shy of what was budgeted. Given the hurricane, that number is understandable and actually very good under the circumstances. We also had an additional five (5) mobile homes added.
- On June 20, 2019 city staff, county staff as well as WK Dickson the county selected engineering firm for the project held a meeting on the county city-wide sewer study. A thank you to County Commissioner Forte for his assistance in getting this project funded at the county level. The project is estimated to take seven (7) months. There will be two (2) public presentations during that seven (7) month period given by WK Dickson. One at the 50% phase of the project.

The final presentation will be done upon completion where public input will be heard.

- City staff and the Bike/Ped Committee members are reviewing the draft scope of work provided to the City by the North Carolina DOT for the Bike & Pedestrian Grant that was awarded to the City last year. Comments are due back to my office and I will be sending that on and finalizing that scope of work and awarding that contract.
- Based on the input from the Board prior to the start of the meeting I will be sending to Sungate Design Group the preferred sequencing of zones for them to start their surveying to complete the city-wide storm drainage master plan.

12. Old Business ~

a. **Order** ~ Interlocal Agreement with Brunswick County

- a. A ***motion*** was made by Commissioner Stewart, a ***second*** by Commissioner Auger authorizing the City Manager to enter into an Interlocal Agreement between Brunswick County and the City of Boiling Spring Lakes to include all Building Code Administration and Enforcement, Fire Code Administration and Enforcement, and Flood Damage Prevention Ordinance Administration and Enforcement Services to the City of Boiling Spring Lakes, effective August 1, 2019.

Vote ~ 2 ~ 3 (opposed, Mayor Caster, Commissioner Barger, Commissioner Witt)

The City Manager informed the Board that the failing of the motion on item a. no action would be needed on items b. and c. since they required passage of a. to be relevant.

- b. **Order** ~ revising the City's Table of Organization as attached effective August 1, 2019
- c. **Order** ~ authorizing approval to the revised Fee Schedule for Fiscal Year 2020 for the City of Boiling Spring Lakes.

13. New Business ~

- a. **Order** ~ pursuant to Article 4, Section 4.1.1 of the Unified Development Ordinance of the City of Boiling Spring Lakes authorizing the Mayor to sign an application for a zoning map amendment to rezone the following area/streets from R-3 Single Family Residential District to R-5 Single Family Residential District:

Cherokee Drive, Mohawk Road, Lumbee Road, Sioux Road, Navajo Road and Tuscarora Road.

A ***motion*** was made by Commissioner Barger, a ***second*** by Commissioner Stewart approving Article 4, Section 4.1.1 of the Unified Development Ordinance of the City of Boiling Spring Lakes authorizing the Mayor to sign an application for a zoning map amendment to rezone the following area/streets from R-3 Single Family Residential District to R-5 Single Family Residential District:

Cherokee Drive, Mohawk Road, Lumbee Road, Sioux Road, Navajo Road and Tuscarora Road.

Vote ~ 5 ~ 0

b. *Order of Committee/Board Approvals ~*

- ***Approving*** Sharon Zakszeski, Joan Kinney or Barbara Snyder to the two open positons on the Planning Board as 1st and 2nd Alternate. 1st Alternate position expiring on 12/31/2020, 2nd Alternate position expiring on 1/10/2021.
- ***Approving*** Martha Samson to the Library Commission for a term of three (3) years beginning immediately upon approval by the Board of Commissioners.
- ***Approving*** Mary E. Pongonis to the Community Appearance Commission for a four (4) year term.
- ***Approving*** Lisa Capps Wrenn to the Parks and Recreation Advisory Board to a three (3) year term beginning July 9, 2019.
- ***Approving*** Arlene Putnam or Robert Gosnell to the ABC Board to a three (3) year term beginning July 9, 2019.
- ***Approving*** Rodney Dean to the Board of Adjustment as 2nd Alternate effective July 9, 2019 for a three (3) year term.

Approving ~ Sharon Zakszeski, Joan Kinney or Barbara Snyder to the two open positons on the Planning Board as 1st and 2nd Alternate. 1st Alternate position expiring on 12/31/2020, 2nd Alternate position expiring on 1/10/2021.

A ***motion*** was made by Commissioner Auger, a ***second*** by Commissioner Barger approving Sharon Zakszeski as 1st Alternate and Joan Kinney as 2nd Alternate to the Planning Board.

Vote ~ 5 ~ 0

Approving ~ Martha Samson to the Library Commission for a term of three (3) years beginning July 9, 2019.

A ***motion*** was made by Commissioner Stewart, a ***second*** by Commissioner Barger approving Martha Samson to the Library Commission for a term of three (3) years beginning July 9, 2019.

Vote ~ 5 ~ 0

Approving ~ Mary E. Pongonis to the Community Appearance Commission for a four (4) year term.

A **motion** was made by Commissioner Auger, a **second** by Commissioner Witt approving Mary E. Pongonis to the Community Appearance Commission for a term of four (4) years.

Vote ~ 5 ~ 0

Approving ~ Lisa Capps Wrenn to the Parks and Recreation Advisory Board to a three (3) year term beginning July 9, 2019.

A **motion** was made by Commissioner Barger, a **second** by Commissioner Stewart approving Lisa Capps Wrenn the Parks and Recreation Advisory Board to a three (3) year term beginning July 9, 2019.

Vote ~ 5 ~ 0

Approving ~ Arlene Putnam or Robert Gosnell to the ABC Board to a three (3) year term beginning July 9, 2019.

Commissioner Auger abstained from voting.

A **motion** was made by Commissioner Stewart, a **second** by Commissioner Barger approving Arlene Putnam to the ABC Board to a three (3) year term beginning July 9, 2019.

Vote ~ 2 ~ 2 (opposed Mayor Caster and Commissioner Witt)

A **motion** was made by Commissioner Witt, a **second** by Commissioner Barger approving Robert Gosnell to the ABC Board to a three (3) year term beginning July 9, 2019.

Vote ~ 3 ~ 1 (opposed Commissioner Stewart)

Approving Rodney Dean to the Board of Adjustment as 2nd alternate beginning July 9, 2019 for a three (3) year term.

A **motion** was made by Commissioner Witt, a **second** by Commissioner Auger approving Rodney Dean to the Board of Adjustment as 2nd Alternate beginning July 9, 2019 for a three (3) year term.

Vote ~ 5 ~ 0

- c. **Order** ~ authorizing the City Manager to approve Change Order #1 with **Carmichael Construction Company, Inc.** for the installation of water main extensions under Fifty Lakes Drive as part of the Fifty Lakes Drive/Goldsboro Road Low Pressure sanitary Sewer Extension, in the amount of **Fifty Three Thousand One Hundred and Forty Eight Dollars and No Cents (\$ 53,148.00).**

A ***motion*** was made by Commissioner Stewart, a second by Commissioner Barger authorizing the City Manager to approve Change Order #1 with ***Carmichael Construction Company, Inc.*** for the installation of water main extensions under Fifty Lakes Drive as part of the Fifty Lakes Drive/Goldsboro Road Low Pressure sanitary Sewer Extension, in the amount of ***Fifty Three Thousand One Hundred and Forty Eight Dollars and No Cents (\$ 53,148.00).***

Vote ~ 5 ~ 0

- d. ***Order*** ~ authorizing the City Manager to execute a Master Service Agreement and Task Order #1 for the Boiling Spring Lakes Dams Reconstruction Project in the estimated amount of ***Six Hundred and Forty Five Thousand Dollars and No Cents (\$645,000.00)*** with the costs eligible for reimbursement by the Federal Emergency Management Agency (FEMA).

A ***motion*** was made by Commissioner Witt, a ***second*** by Commissioner Barger authorizing the City Manager to execute a Master Service Agreement and Task Order #1 for the Boiling Spring Lakes Dams Reconstruction Project in the estimated amount of ***Six Hundred and Forty Five Thousand Dollars and No Cents (\$ 645,000.00)*** with the costs eligible for reimbursement by the Federal Emergency Management Agency (FEMA).

Vote ~ 5 ~ 0

- e. ***Ordinance*** ~ to Amend Articles 5 and 8 of the Unified Development Ordinance (UDO) of the City of Boiling Spring Lakes, North Carolina.

A ***motion*** was made by Commissioner ***Barger***, a second by Commissioner Witt to Amend Articles 5 and 8 of the Unified Development Ordinance (UDO) of the City of Boiling Spring Lakes, North Carolina,

Vote ~ 5 ~ 0

- f. ***Ordinance*** ~ to Amend Appendix B of the Unified Development Ordinance (UDO) of the City of Boiling Spring Lakes, North Carolina.

A ***motion*** was made by Commissioner Barger, a ***second*** by Commissioner Stewart to Amend Appendix B of the Unified Development Ordinance (UDO) of the City of Boiling Spring Lakes, North Carolina.

Vote ~ 5 ~ 0

14. Discussion ~

No discussion was heard.

15. *Announcements ~*

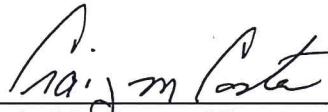
No announcements were made.

16. *Adjourn ~*

A *motion* was made by Commissioner Barger, a *second* by Commissioner Witt to adjourn the Board of Commissioner meeting of July 9, 2019.

Vote ~ 5 ~ 0

The meeting was adjourned at 7:35p.m.



Craig M. Caster, Mayor

ATTEST:



Jane McMinn, City Clerk



Date



Updated: July 8, 2019

City of Boiling Spring Lakes Hurricane Florence Upage - 6/4/2019 Infrastructure Damage Estimates							
ITEM	TEMPORARY REPAIR COST	ENGINEERING/ MONITORING COST	EST. CITY FINAL CONSTRUCTION COST	PROJECTED FINAL REPAIR COST	FEMA "back to pre-disaster" Estimate	AMOUNT SUBMITTED TO FEMA	FEMA REIMBURSEMENT
Debris Pick Up	-	226,337	1,227,831	1,454,168	1,454,168	1,067,267	800,450
Emergency Protective Services	-	229,062	-	229,062	108,154	229,062	-
Elm Road Washout	7,050	-	-	7,050	7,050	7,050	7,050
Palmer Road Storm Drain Repair	1,348	-	32,729	34,077	32,729	32,729	32,729
Lake Haste Storm Drain Repair	Awaiting USACE permit approval before engineering.	6,932	132,522	139,454	113,446	146,385	-
S. Shore Road Washout #1		-	3,315	3,315	5,888	3,315	-
S. Shore Road Washout #2		2,800	71,811	74,611	71,811	71,811	-
S. Shore Road Washout #3		-	40,324	40,324	43,281	43,281	-
S. Shore Road Washout #4	19,050	-	39,674	58,724	42,928	75,502	-
Sanford Dam/Alton Lennon Road	11,200	433,580	13,273,246	13,718,026	7,165,509	-	-
Upper Dam	9,200	233,100	955,892	1,198,192	654,639	-	-
Pine Lake Dam	-	326,340	1,509,501	1,835,841	1,137,436	-	-
North Lake Dam	-	319,410	941,510	1,260,920	1,361,684	-	-
North Lake Park Road (Lakeview)	-	32,653	130,611	163,264	51,526	-	51,526
Community Center	-	-	-	40,115	36,885	36,885	-
Spring Lake/Pine Road Washout	-	-	-	6,167	6,167	6,167	6,167
Pine Lake Detour Paving (Pine Lake/Queens/Nassau)	-	-	-	280,000	-	-	-
North Lake Road Detour Paving (Crystal/Drayton/Pine)	71,645	-	-	408,000	-	-	-
Total	119,493	1,810,214	18,358,967	20,951,310	12,293,301	1,719,454	897,922

Included all regular, OT and equipment used during declared storm dates.

As a large project 75% reimbursement to be made before project closeout - 1st check received on 5/28/19.

Includes all OT and equipment costs during declared storm dates.

City insurance paid all costs but \$ 25K deductible. FEMA will reimburse the deductible.

Denotes Items changed/added since last update

Denotes FEMA "obligated" and NCDPS PW Issued

Denotes under FEMA EHP Review

Denotes "applicant" signed off

Denotes "Pending EEI" Completion

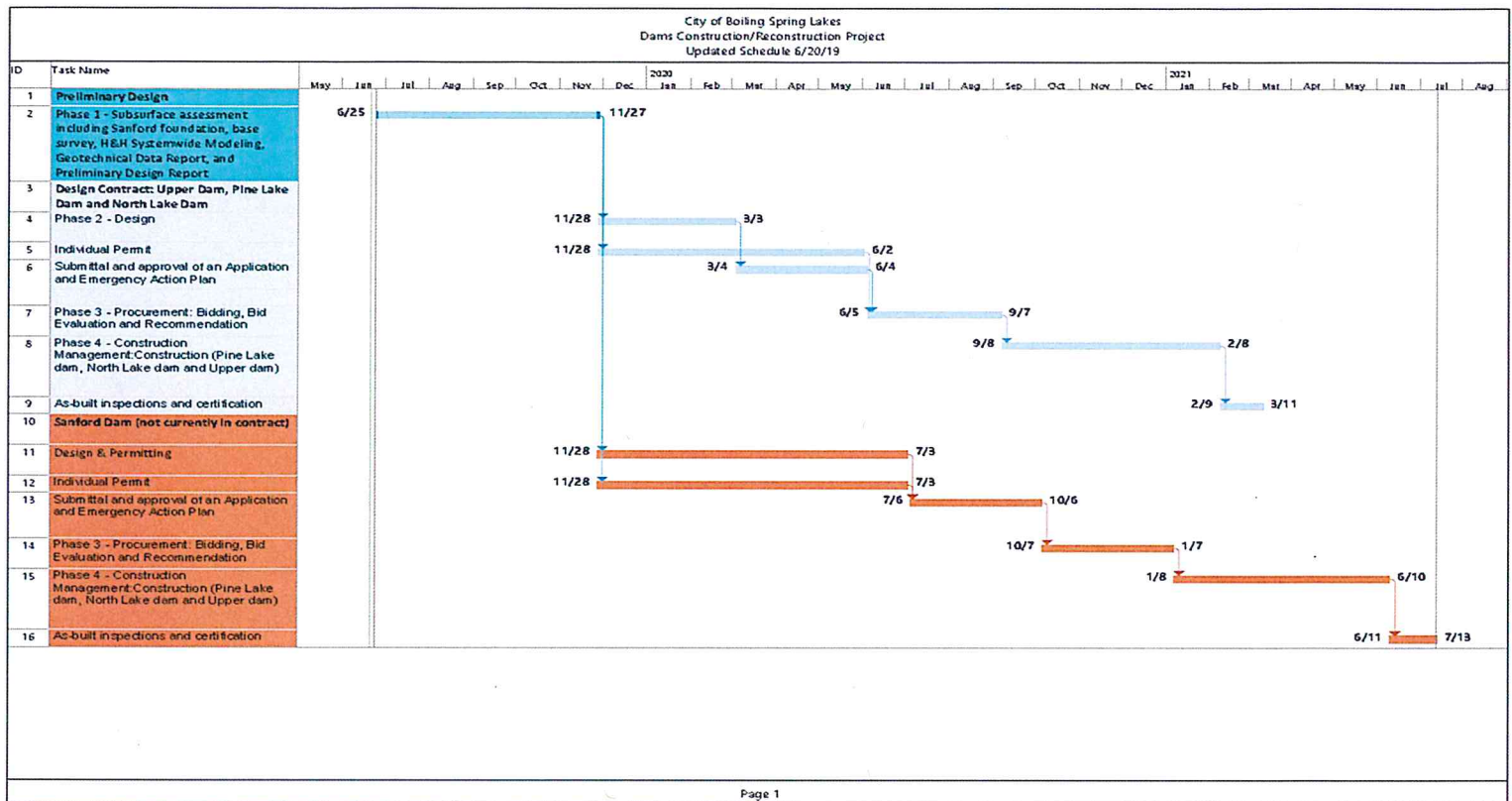
FEMA PROJECT STATS

FEMA Status	# of Projects	Total Value	Comments
Pending EEI	6	11,007,268	Dams & detours around dams S. Shore #2 & Lake
Pending EHP	2	185,257	Hastie/Reeves Storm Drain
Applicant Signed Off	1	36,885	Community Center Balance of Debris
Obligated	0.5	653,717	Pickup/Monitoring
Obligated/PW Issued	4	200,251	EPS & S. Shore #1, #3 & #4
Obligated/Check Received	4.5	897,922	Partial Debris Pickup
Totals	18	12,981,301	

EEI - Essential Elements of Information

EHP - Environmental/Historic Preservation

DAM(S) UPDATE



May 29, 2019 – Meeting held at City Hall with nineteen (19) attendees from various branches of FEMA, NCDOT, City staff and consultants to coordinate project eligibility and covered the below subjects:

1. Current status of East Boiling Spring Road reconstruction.
 - a. Pine Lake
 - b. North Lake
2. Establishing pre-disaster design capacity and function of the dams.
 - a. Summary of Breach Analysis as it relates to North Lake and Pine Lake
3. NCDOT position on horseshoe spillway/cofferdam tying into East Boiling Spring Road R/W and embankment.
4. Implications of NCDOT policy and Dam Safety Program Codes and Standards
5. Funding constraints
6. Other funding sources – FEMA Dam Rehabilitation Grant.

June 3, 2019 – Meeting held in Raleigh with NC Dam Safety, NCDOT, City staff and consultants to establish agreeable parameters with NCDOT and NC Dam Safety to restore Pine Lake and North Lake with new High Hazard Dam classifications due to NC Dam Safety's determination that average daily traffic counts (ADT's) on E. Boiling Spring Road now require the High Hazard classification. Consensus of meeting was that a cofferdam to reestablish the water level and an articulated concrete block mat revetment (see below) to allow the roadbed to

Updated: July 8, 2019

serve as an emergency spillway, which would allow water to overtop the road but not erode the bank, might be feasible solution. (Minutes of meeting attached).

Articulated Concrete Block Mat Revetment *(Illustration only)*



Cellular Cofferdam *(Illustration only)*



Middle Dam

- Documentation has been submitted by McGill Associates to NCDPS making case for them to appeal to FEMA for inclusion of project in dam repairs.

Engineering Design and Construction Administration Services

After a Request for Qualification Process, the following firms submitted proposals to be selected to perform the necessary services for rebuilding the four dams. The firms are:

Evaluation Factor	McGill				Freese & Nichols				Teracon				Gai			
	Jeff	Bill	Michael	Average Points	Jeff	Bill	Michael	Average Points	Jeff	Bill	Michael	Average Points	Jeff	Bill	Michael	Average Points
Quality of the Proposal	200	200	125	175	200	200	200	200	150	200	100	150	150	150	100	133
Consultant Qualifications & Experience	150	150	150	150	200	150	50	133	150	150	150	150	150	150	100	133
Availability and Capacity of the Consultant	200	100	75	125	100	100	50	83	200	100	50	117	100	75	50	75
	Total			450	Total			417	Total			417	Total			342

The Board adopted a resolution at their June 4th meeting selecting McGill Associates as the engineering firm. The Board will consider at their July 9th meeting the Master Agreement and Task Order #1 to begin the design work on the dams to be reconstructed.

Construction Financing

- On February 14, 2019 the City submitted an application to the North Carolina Office of Recovery and Resiliency (NCORR), a newly created division of the NC Department of Public Safety in the aftermath of Hurricane Florence, for a \$ 2 million 0% loan to provide bridge construction financing while awaiting FEMA reimbursements for hurricane related construction projects.
- City was notified on March 3rd of loan approval and associated paperwork is on the agenda for approval this evening.
- Final loan documents for signatures to be submitted to city by April 5th.
- Check from State received on April 26, 2019.
- Board of Commissioner will consider Resolution of Intent at their August 6th meeting to include engineering costs to be included in bond issue to be issued in the spring to cover construction costs for dam reconstruction pending FEMA reimbursement.

USDA-NRCS GRANT UPDATE

The City working with the USDA-NRCS has identified nine (9) locations for debris removal and bank stabilization following Hurricane Florence. Those sites are listed below. The grant application is currently in draft form and will be submitted during the month of July 2019. Work is anticipated to be completed by the end of 2019. While the City is, the "sponsor" NC Dept. of Agriculture will reimburse all local costs to the City.

Updated: July 8, 2019

Location	DSR #	Damage Description	Proposed Work	NRCS Share (75%)	Sponser Share (25%)	Total
Middle Dam	37-07-18-5038-080	Hurricane Florence flood waters have caused a breach in the dam on Dam Rd. depositing debris downstream and causing excessive erosion.	Restore earthen berm dam on Dam Rd. Stabilize banks near dam. Remove debris and excess sediment from blow-out.	183,600	61,200	244,800
Elm/Cherry Road	37-07-18-5038-081	Hurricane debris in channel flowing into Big Lake, impacting channel functionality.	Remove hurricane debris from channel to restore functionality.	254,700	84,900	339,600
E. Boiling Springs Rd. @ Big Lake/North Lake	37-07-18-5038-082	Excessive bank erosion and sediment deposition near E. Boiling Springs Rd. @ Big Lake and North Lake	Restore pipe crossing under E. Boiling Springs Rd. @ Lakeview Rd. Restore access to Lakeview Rd. Bank Stabilization, excess sediment & debris removal.	88,695	29,565	118,260
Sunset Road/W. Boiling Spring Road @ Upper Lake	37-07-18-5038-083	Hurricane debris in tributary to Big Lake impacting channel functionality.	Remove hurricane debris and excess sediment from channel beginning at Hunters Rd. flowing into Big Lake.	151,650	50,550	202,200
Inlet off Big Lake at Forest Lane	37-07-18-5038-084	Dam breach to Big Lake. Hurricane debris in channel impacting functionality.	Restore earthen dam to pre-hurricane conditions & hurricane debris removal.	25,969	8,656	34,625
Pine Lake Rd/Queens Road	37-07-18-5038-085	Hurricane debris & bank erosion along unnamed tributary to Pine Lake @ Queens Rd.	Bank stabilization near culvert crossing at Queens Rd. & hurricane debris removal.	67,613	22,538	90,150
River Road/Orton Creek	37-07-18-5038-190	Hurricane Florence flood waters have caused debris build-up in channel, impacting functionality and nearby infrastructure.	Debris removal up and downstream on Orton Creek @ River Rd. to restore channel functionality and protect nearby infrastructure.	19,500	6,500	26,000
1460 N. Shore on Big Lake	37-07-18-5038-191	Hurricane Florence flood waters have caused excessive bank erosion on residential lots on Big Lake.	Repair erosion on residential property, and stabilize channel banks to minimize future erosion. Hurricane debris removal.	25,036	8,345	33,381
Polaros Dr @ E. Boiling Spring Road	37-07-18-5038-192	Hurricane Florence flood waters have caused debris build up in a tributary near E. Boiling Spring Rd. impacting channel functionality and nearby infrastructure	Remove hurricane debris from channel, restoring functionality and protecting nearby infrastructure.	63,225	21,075	84,300
Total Engineers Estimate				879,987	293,329	1,173,316