



LOWER PLATTE SOUTH natural resources district

3125 Portia Street | P.O. Box 83581 • Lincoln, Nebraska 68501-3581
P: 402.476.2729 • F: 402.476.6454 | www.lpsnrd.org

Memorandum

Date: November 8, 2023
To: Urban Subcommittee
From: Mark Lindemann, District Engineer *ML*
Subject: Urban Subcommittee Meeting Minutes – November 2023

The Urban Subcommittee met on Wednesday, November 8, 2023, at the NRD Office, at 5:30 pm. Subcommittee members participating included John Yoakum- committee chair, Gary Aldridge, Melissa Baker, Deborah Eagan, Stacie Sinclair, and Ray Stevens. Others participating included Tim Zach from LTU Watershed Division, Mark Thompson, James Clements from Wedgewood Manor Lake, Association and Travis Hazard with Hazard Engineering. NRD staff attending included Mike Sousek, David Potter, Drew Ratkovec, and Mark Lindemann. Director Yoakum called the meeting to order at 5:31 pm. There were three (3) items the Subcommittee took action on and staff updates on current projects. A quorum was present for the meeting.

A. Consideration to approve the Lincoln Flood Mitigation Master Plan [ACTION] – Lindemann explained that the NRD has partnered with the City of Lincoln Watershed Management in the development of the Lincoln Flood Mitigation Master Plan (FMMP). The plan builds off of the NRD's Multi-Jurisdictional Hazard Mitigation Plan, focusing specifically on flooding within the City of Lincoln Boundaries. It was noted that while the plan report was in its final draft stage, the FMMP team held an open house and met with various neighborhood and community organizations to inform of the plan and get feedback from residents to incorporate into the plan. Tim Zach, Superintendent of Stormwater was present to provide a brief presentation explaining the purpose of the plan and the process of the risk analysis and identification of actions, (such as flood mitigation projects, raising awareness) to reduce flood risk. Zach noted that the FMMP will be brought to City Council for adoption on November 20, 2023. Questions related to current processes for warning residents of flooding were answered by Zach and staff. It was also clarified to Directors that the actions identified in the FMMP allow for eligibility of FEMA funding for future action related projects and upon Board approval, will be added to the NRD's Hazard Mitigation Plan

It was moved by Baker, seconded by Stevens, and unanimously approved by the Subcommittee to recommend that the Board of Directors approve Lincoln Flood Mitigation Master Plan.

B. Consideration of a Community Assistance Program Application from Wedgewood Manor Lake Association Dam Repair Project [ACTION]– Yoakum introduced the next project and the floor was given to Drew Ratkovec. Ratkovec explained that inspection reports from the Nebraska Department of Natural Resources (NeDNR) showed failure of the internal drainage system of the dam structure at the Wedgewood Manor Lake Association (WMLA). Hazard Engineering performed the design and developed plans for the necessary repairs, which have been reviewed by NeDNR. The project was advertised for construction and a single bid from Pat Thomas Construction, Inc. All work is to be completed by April 15, 2024. The Wedgewood Manor Lake Association has selected Pat Thomas Construction to perform the repairs with Hazard Engineering providing construction engineering. Hazard Engineering’s fee proposal is \$24,900. The WMLA has submitted a Community Assistance Program application request to the NRD for cost-share for the construction project and construction engineering at a total cost of \$238,045.01. The NRD share of the 50% funds for reimbursement would be \$119,022.00. Ratkovec noted that Mark Thompson and James Clements from the WMLA, and Travis Hazard from Hazard Engineering were present to answer questions. Hazard confirmed that because this structure is a high hazard classification, it is inspected yearly by NeDNR, and that the deficiency was discovered through an NeDNR periodic camera inspection of the drainage pipes last year. Noting that the \$200,000 project threshold, Directors also asked if the requirements of the proposed new CAP Policy (see item C) will be utilized for this project. It was explained that it was staff’s intent to apply the requirements of the new CAP policy for this project and that a contract has been drafted and will be sent to legal counsel for review. Upon legal counsel review, the contract will be included as part of the background materials for Directors to review prior to Board Meeting.

The original motion was amended to include “pending legal counsel review” as stated below:

It was moved by Stevens, seconded by Eagan, and unanimously approved by the Subcommittee to recommend that the Board of Directors approve the Community Assistance Program application request for the Wedgewood Manor Lake Association Dam Repair Project, in an amount not to exceed \$119,022 of NRD funds, pending legal counsel review.

C. Consideration to approve the Community Assistance Program Policy [ACTION] –Lindemann noted and thanked Directors for their comments and suggestions for the draft Community Assistance Program (CAP) Policy at the October Urban meeting. Ratkovec noted that these changes have been incorporated into the proposed final policy. One inclusion of note is for projects with costs greater than a \$200,000 threshold, a contract for HOAs or an interlocal agreement with municipalities will be required. These contracts and interlocal agreements between the NRD and applicants will also require the applicant to maintain the project for five years, or be required to reimburse the NRD for its share of funding. A contract or interlocal agreement will also allow staff to define the timing of NRD reimbursement with the applicant. Staff will work with legal counsel to develop such contracts and agreements in the future. With approval by the Board, staff will adopt the policy and begin utilizing it immediately.

It was moved by Sinclair, seconded by Baker, and approved by the Subcommittee (6 voting Yes, Aldridge Voting No) to recommend that the Board of Directors approve and adopt the Community Assistance Program Policy.

Reports

Deadmans Run South Bank Repair Project – 70th & “O” Streets – Lindemann noted that as of October 27th, all work for the bank repair project next to Tommy’s Car Wash has been completed. Staff are arranging to have the original guardrail re-installed at the request of the car wash.

Deadmans Run 205 Flood Reduction Project –The open house for the Deadmans Run Flood Reduction Project scheduled for November 9th (then moved to the 14th) **has been postponed until early spring**. It was explained that due to federal funding delays, there has been a slow down in USACE resources to work on the project and to get the plans to the 95% milestone. The NRD was notified today that the USACE design team has now received funding and can now commence work. Lindemann agreed to send an email to Directors notifying them of the postponement.

South Salt Creek #6 –The contractor started work on November 1st and has begun clearing and construction an access road off of South 1st Street to prepare work on the main stem of Salt Creek project location. The contractor expects to complete work at the Jamaica Trail Bridge location in two to three weeks. The Jamaica trail will then be re-opened.

Community Assistance Program Projects

Ratkovec noted that this week the contractor for the Rolling Hills HOA has started work on the low flow liner project. Work is expected to be completed in a two to three weeks

Progress for the Pine Lake Association Dam rehab is going well, with concrete and pipe construction completed and a large amount of backfilling has taken place.

The Hickman CAP project is complete! Staff have reviewed the as-built plans and approved the final payment request.


cc: Dave Landis
Steve Seglin
Corey Wasserburger



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Memorandum

Date: November 3, 2023
To: Urban Subcommittee
From: Mark Lindemann, District Engineer 
Subject: Urban Subcommittee Background Information – November 2023

The Urban Subcommittee will be meeting on Wednesday, November 8, 2023, at the NRD Office, at 5:30 pm to review, discuss and take action on several items. The following summarizes the items to take action on at the meeting. Please find the attached background information on these items; the red letters shown on the upper right of the attachments help denote which item below they relate to.

A. Consideration to approve the Lincoln Flood Mitigation Master Plan [ACTION] – As part of the Annual Stormwater Interlocal Agreement, the City and NRD have partnered together in the development of the Flood Mitigation Master Plan (FMMP). This plan builds off of the LPSNRD Multi-Jurisdictional Hazard Mitigation Plan and follows the guidelines outlined in FEMA's Community Rating System (CRS). The purpose of this plan is to: 1) identify and understand flood risks in Lincoln, 2) identify actions (mitigation & projects) that can protect the community from flooding, 3) allow for eligibility for FEMA funding for mitigation projects, and 4) and reduce flood insurance premiums for Lincoln residents. Through the development of this plan, action items that are ongoing, planned for future, or that can be improved upon, were identified that can help in reducing the negative impacts from flooding and help protect the natural benefits of City floodplains. During the planning and action plan processes, the City and NRD have promoted awareness of the FMMP to the public through open houses and meetings with neighborhood and community organizations and have used feedback from the organizations to finalize the plan. This plan is one of the Action Items in the City-NRD Flood Resiliency Work Plan that outlines strategies and programs for flood resiliency. The executive summary for the FMMP is attached. To view and download the entire document, please go to the following link:

<https://www.lincoln.ne.gov/files/sharedassets/public/v/1/ltu/projects/wsm/flood-mitigation/draft-flood-mitigation-plan.pdf>.

After review, the subcommittee will be asked to consider recommending approval to the Board. The City Watershed Management Division will also be taking the FMMP to City Council for approval on November 20, 2023.

The Subcommittee will consider a motion to recommend that the Board of Directors approve Lincoln Flood Mitigation Master Plan.

B. Consideration of a Community Assistance Program Application from Wedgewood Manor Lake Association Dam Repair Project [ACTION]– The Wedgewood Manor Lake Association (WMLA) is responsible for the maintenance and operation of Wedgewood lake, just south of 76th and “O” Street. The lake was completed in 1961, with a watershed drainage area of 740 acres and a maximum storage capacity of 310 acre-feet. The WMLA has submitted an application request for a rehab project of the dam. Please see attached memo from Drew Ratkovec dated November 2, 2023. The WMLA has retained Hazard Engineering to design the repairs. The repair plans and specifications have been reviewed by the NRD and NeDNR’s dam safety section. The WMLA has now advertised for construction bids, soliciting nine contractors to submit bids. WMLA has selected the single bid received of \$213,755.01, from Pat Thomas Construction, Inc., with a recommendation provided Hazard Engineering. WMLA has submitted an application to cost-share 50% of eligible construction costs, and construction engineering oversight by Hazard Engineering, which totals \$24,290.00. Total project costs are \$238,045.01, with the NRD cost-sharing \$119,022.00 (50%) of the total project costs. Pending approval by the Board, the lake will be drawdown 4 feet to complete the repairs. Specifications require all work to be completed by April 15, 2024. The WMLA application request letter, the bid tab, and Hazard Engineering’s construction administration proposal are attached. Note that due to project size a CAP Project contract between the NRD and WMLA will be drafted detailing CAP cost-share requirements.

The Subcommittee will consider a motion to recommend that the Board of Directors approve the Community Assistance Program application request for the Wedgewood Manor Lake Association Dam Repair Project at a cost-share amount of 50% of the total eligible costs, not to exceed \$119,022.00.

C. Consideration to approve the Community Assistance Program Policy [ACTION] – Over the last few months, discussion has taken place on the need for a formal policy for the Community Assistance Program (CAP), to provide clear and consistent guidelines for staff to use when working with applicants. At the October 2023 Urban Subcommittee Meeting, staff and directors reviewed and commented on a draft CAP policy and agreed to incorporate comments and suggestions and finalize a policy document to bring to the November meeting. Staff and Directors feel this new policy will better support staff and applicants and provide flexibility for applicant projects that are complex in nature. The Subcommittee agreed that the policy will continue to evolve as applicants’ needs evolve.

The Subcommittee will consider a motion to recommend that the Board of Directors approve and adopt the Community Assistance Program Policy.

Reports: Staff will provide an update of ongoing projects.

- Deadmans Run South Bank Repair Project – 70th & “O” Streets
- Deadmans Run Flood Reduction Project
- CAP Projects

Enclosures;

cc: Dave Landis

Steve Seglin

Corey Wasserburger

FLOOD MITIGATION MASTER PLAN

BACKGROUND

- The City's number one community responsibility is to **KEEP RESIDENTS SAFE**
- There is a **HIGHER RISK OF FLOODING** in our community today than what is shown on the FEMA floodplain maps
- The **Flood Mitigation Master Plan** is one of multiple efforts the City is working on to address this higher risk of flooding



Figure 1: May 2015 Salt Creek flooding

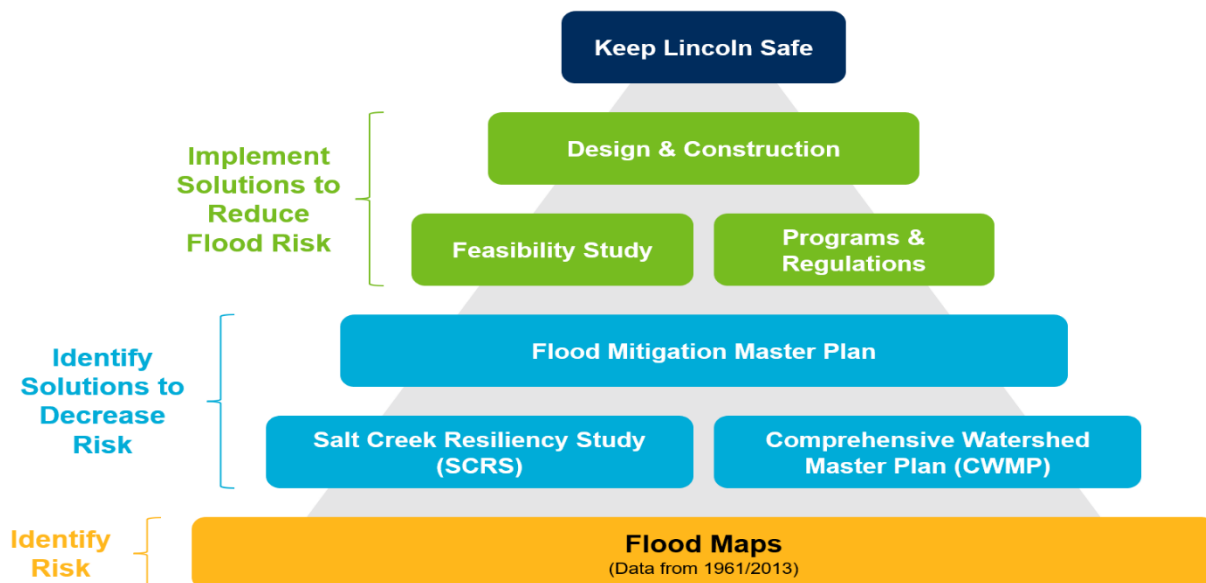


Figure 2: City's efforts to reduce flood risk

FOR MORE INFORMATION

Visit lincoln.ne.gov/watershed or contact Tim Zach, Superintendent of Stormwater, at watershed@lincoln.ne.gov or 402-441-7589



LOWER PLATTE SOUTH
natural resources district

WHAT IS THE PURPOSE OF THE FLOOD MITIGATION MASTER PLAN?

The purpose of this plan is to:

1. Understand Lincoln's flood risk
2. Identify mitigation actions and projects to protect our community from flooding
3. Be eligible for FEMA funding for mitigation project
4. Reduce flood insurance premiums for Lincoln residents

The development of this plan involved the following process:



Figure 3: Flood Mitigation Master Plan process

HOW WAS THE COMMUNITY ENGAGED IN THIS PLANNING EFFORT?

Engagement with the community was an important component of the Flood Mitigation Master Plan, and engagement efforts were enhanced beyond the minimum FEMA requirements in order to give an opportunity for those potentially affected by flooding to provide input.

The City and the Lower Platte South Natural Resources District (LPSNRD) engaged the community in the following ways:



Input from these engagement efforts were incorporated into the plan and action items.



FOR MORE INFORMATION

Visit lincoln.ne.gov/watershed or contact Tim Zach, Superintendent of Stormwater, at watershed@lincoln.ne.gov or 402-441-7589

HOW IS THE CITY HELPING REDUCE FLOOD INSURANCE COSTS?



FEMA's Community Rating System (CRS) is a program that **rewards** communities for efforts they take to reduce flood risk.



The City is a participant in the CRS program and earns points for different floodplain management and mitigation activities



The City of Lincoln is a Class 5, resulting in a **25%** reduction in flood insurance premiums for all policy holders in Lincoln

WHAT ARE POSSIBLE TOOLS TO REDUCE FLOOD RISK?

While the risk of flooding cannot be entirely eliminated, the City uses a multitude of different tools to continue to reduce flood risk for our community. The guiding principles are:

- Reduce the flood hazard
- Protect against floods (flood control)
- Regulate land use
- Raise awareness / preparedness
- Mitigate residual risk

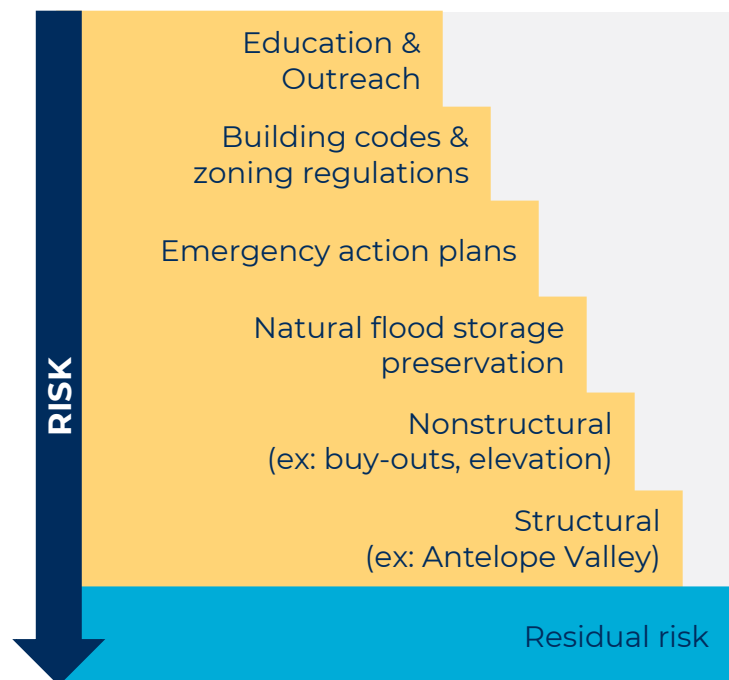


Figure 4: Buying down the risk



FOR MORE INFORMATION

Visit lincoln.ne.gov/watershed or contact Tim Zach, Superintendent of Stormwater, at watershed@lincoln.ne.gov or 402-441-7589

WHAT SPECIFIC ACTIONS/SOLUTIONS ARE IN THIS PLAN?

STRUCTURAL PROJECTS
Salt Creek Flood Reduction Feasibility Study
Flood Reduction within Deadmans Run Watershed
Structural Flood Mitigation Evaluations & Implementation
Continue Urban Drainage Studies throughout City
Stormwater Drainage System Improvements
PUBLIC INFORMATION
Public Education on Flood Risk Reduction
Public Information Officer Coordination and Training
Enhanced Stakeholder Engagement
Evaluate Incentives and Requirements for Landlords to Inform Tenants of Flood Risk
Targeted Public Education to Renters on Flood Risk
Dam-related Flood Warning (911) Improvements
PROPERTY PROTECTION
Repetitive Loss Structure/High Risk Property Plan and Implementation
Develop and Implement a Property Acquisition Program
Develop and Implement a Building Elevation Program
Make updates to LID/Green Infrastructure/Local Detention Requirements
Evaluate Adopting Community-wide No Adverse Impact Language
Repetitive Loss Structure/High Risk Property Plan and Implementation
PREVENTATIVE ACTIVITIES
Investigate and Obtain Dam Failure Modeling/Mapping/Risk Assessment
Develop and Implement Stormwater/Wastewater Inflow and Infiltration Reduction Program
Secure Consistent Stormwater Funding Source
Future Conditions Flood Hazard Modeling and Mapping
Update Compensatory Storage Code/Policy
Update Final Plat Requirements Code/Policy
Fluvial Hazard Zone Modeling/Mapping
Preserve the Floodplain
Evaluate and Plan for Implications of Continued Climate Change (Atlas 15+)
NATURAL RESOURCE PROTECTION
Improve Incentives for Cluster Subdivision and Conservation Design
Deed Restrictions for Current/Future Open Space Parcels
Evaluate Native/Natural Vegetation Incentives/Requirements
EMERGENCY SERVICES
Update Emergency Action Plans for Transportation & Utilities Divisions
Improve/Develop Real Time Flood Alert Map/System



FOR MORE INFORMATION

Visit lincoln.ne.gov/watershed or contact Tim Zach, Superintendent of Stormwater, at watershed@lincoln.ne.gov or 402-441-7589

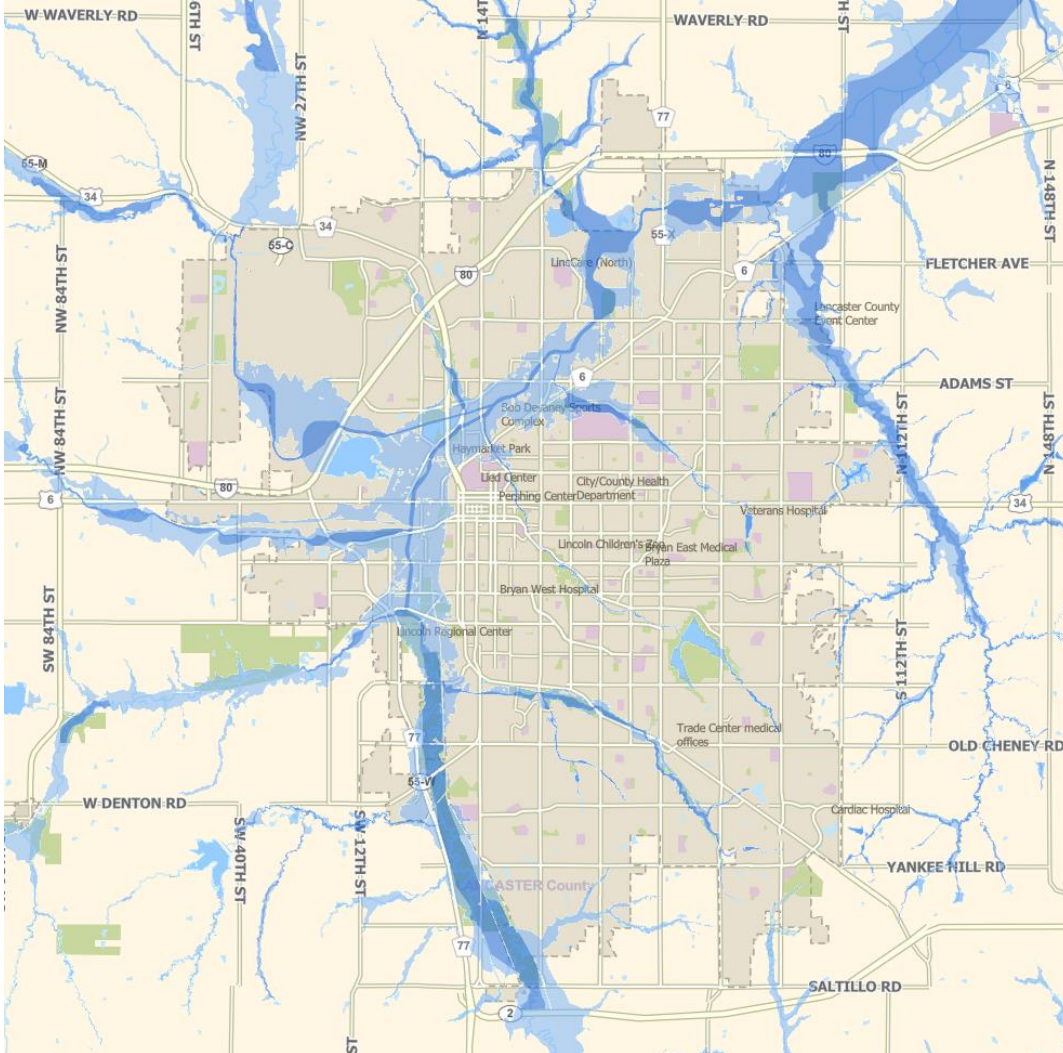


Figure 5: City of Lincoln floodplain map

More information can be found at lincoln.ne.gov/floodmitigation



FOR MORE INFORMATION

Visit lincoln.ne.gov/watershed or contact Tim Zach, Superintendent of Stormwater, at watershed@lincoln.ne.gov or 402-441-7589



City of Lincoln, Nebraska *Flood Mitigation Master Plan*

September
2023



Executive Summary

Introduction

The City of Lincoln, in-partnership with the Lower Platte South Natural Resources District, has created this Flood Mitigation Master Plan (FMMP) to identify actions that can help reduce the negative impacts caused by flooding and protect the natural and beneficial functions of the floodplains in the City. This plan was developed in accordance with the National Flood Insurance Program (NFIP) Community Rating System (CRS) Coordinator's Manual, which outlines a 10-step process to collect information pertinent to identifying and prioritizing flood mitigation strategies and actions. The CRS program gives credit to communities in the form of reduced flood insurance premium rates for steps that the community takes to reduce flood risk to its residents, visitors, and other stakeholders.

Planning Process

A Planning Committee consisting of 13 individuals representing local agencies and organizations was actively engaged in stakeholder coordination efforts and developed and reviewed content for certain sections of the plan. Public outreach was performed through a Flood Risk Questionnaire, Planning Committee meetings that were noticed and open to the public, and a plan website providing details on the plan process. A virtual public meeting was held on September 9, 2021, from 6:00PM to 7:00PM and was attended by 20 people. Public attendees were invited to provide input on flooding problems and possible solutions.

Risk Assessment

A flood risk assessment was performed for both urban stormwater and riverine flood hazards and flood hazards associated with dam and levee failure scenarios. The assessments provide detailed information on the projected hazard extent and frequency of occurrence, and also include analysis of the impacts the hazards have on people, property, infrastructure, and the local economy. The HAZUS-MH software published by the Federal Emergency Management Agency (FEMA) was used to perform the risk assessments. Assessments were performed using the regulatory flood hazard data published by FEMA for the city, all including Urban Growth Areas. Based on this assessment, it is expected that nearly \$330M in total flood losses could occur throughout the city during a 1%-annual-chance (100-year) flooding event. This regulatory information is outdated and may be underestimating the flooding and loss potential in and around the City of Lincoln; therefore, when updated flood hazard information is produced, an updated risk assessment can be performed, and it is anticipated that the expected losses from flooding will increase.

City of Lincoln Flood Mitigation Master Plan

Action Plan

The action plan created for this FMMP considers the goals determined by the Planning Committee as well as other factors such as cost and benefit to the community or specific property owners to identify and prioritize flood mitigation actions to pursue and implement in the city. These actions also consider community capabilities as well as existing programs and requirements in-place in the city and how those existing elements might be updated and/or improved to increase flood resilience. Actions can include structural flood protection measures, non-structural programs, policies, and efforts, as well as administrative and support efforts for flood preparedness, response, and recovery. The actions identified through the planning process for the FMMP are summarized in the table below.

Goal 1: Protect the Health and Safety of Residents and Visitors

Goal 2: Reduce Future Losses from Flood Events

Goal 3: Increase Public Awareness and Education Regarding Vulnerability to Flood Hazards

Goal 4: Ensure Coordinated Efforts to Increase Flood Resilience and Promote Sustainability

Structural Projects
Flood Reduction within Deadmans Run Watershed
Stormwater Drainage System Improvements
Public Information
Public Education on Flood Risk Reduction
Public Information Officer (PIO) Training
Enhanced Stakeholder Engagement- comms staff contact list, etc.
Flood Warning System (911) Improvements
Property Protection
Develop and Implement a Repetitive Loss Structure/High Risk Property Plan
Develop and Implement a Property Acquisition Program
Develop and Implement a Home Elevation Program
Make updates to LID/Green Infrastructure/Local Detention Requirements
Adopt Community-Wide No Adverse Impact Language
Preventative Activities
Investigate and Obtain Dam Failure Modeling/Mapping/Risk Assessment
Develop and Implement Stormwater/Wastewater Inflow and Infiltration Reduction Program
Future Conditions Flood Hazard Modeling and Mapping
Update Compensatory Storage Code/Policy
Update Final Plat Requirements Code/Policy
Fluvial Hazard Zone Modeling/Mapping
Natural Resource Protection
Adopt Cluster Development Regulations
Deed Restrictions for Current/Future Open Space Parcels
Adopt Native/Natural Vegetation Policy/Requirements
Emergency Services
Create Weather Radio Inventory/Replacement Program
Civil Service Improvements: Vehicles and Training
Develop Emergency Action Plans for Transportation & Utilities Divisions

Plan Adoption and Maintenance

This FMMP provides a framework for guiding implementation of flood risk reduction activities over a 5-year period. The Planning Committee will lead plan implementation, monitoring, evaluation, and plan update efforts, including public efforts to report on progress, request feedback, and solicit input for future updates to the FMMP. Plan updates will account for any new flood vulnerabilities, special circumstances, or new information that becomes available, and will include updated risk assessment(s) to help focus and/or re-prioritize mitigation strategies.



Community Assistance Request Wedgewood Manor Lake Assoc Dam Watershed



Map Created: June 2023



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Memorandum

Date: November 2, 2023
To: Urban Subcommittee
From: Drew Ratkovec Stormwater/Watershed Specialist
Subject: Wedgewood Manor Lake Association Community Assistance Program Request

The Wedgewood Manor Lake Association (WMLA) is responsible for Wedgewood Lake located just south of 76th & 'O' Street. This association is responsible for all operations and maintenance of the lake that was constructed in 1961. This lake is considered high hazard by the Nebraska Department of Natural Resources (NeDNR) and is annually inspected to ensure it has proper drainage as well as safety of the dam. The lake is within a watershed drainage area of 740 acres and a maximum storage capacity of 310 acre-feet. In April of 2023, the Wedgewood Dam was found to be in poor condition due to four corroded and failed internal toe drain pipes. The dam is now susceptible to internal erosion and could cause dam failure. This dam provides many benefits such as water quality, flood storage, and public environmental and economic safety.

Currently, WMLA has worked with Hazard Engineering to design the repairs. Final repair plans have been reviewed by NRD staff and NeDNR's dam safety section. In October WMLA advertised to nine contractors for construction services, with only one bid received from Pat Thomas Construction, Inc. for the amount of \$213,755.01. Hazard Engineering will also be providing construction oversight for the amount of \$24,290.00. The total amount of this construction project is \$238,045.01.

WMLA has submitted a request for cost-share through the Community Assistance Program (CAP) for 50% of the total costs of construction and construction observation, not to exceed \$119,022.00. They are also requesting reimbursement payment as contractor pay applications are signed off by Hazard Engineering. According to the current drafted CAP Policy, if a total project cost is more than \$200,000.00 the applicant can request reimbursement as construction is ongoing upon CAP Board Approval. If approved this would be outlined in the NRD/WMLA contract along with other additional information verifying project work and completion.

The Subcommittee will consider a motion to recommend that the Board of Directors approve the Community Assistance Program application request for the Wedgewood Manor Lake Association Dam Repair Project at a cost-share amount of 50% of the total eligible costs, not to exceed \$119,022.00.

Drew Ratkovec
Lower Platte South NRD

Drew:

I am writing on behalf of Wedgewood Manor Lake Association regarding the repair of the dam at Wedgewood Lake. The lake is located within the city limits of Lincoln and is classified as a high-risk dam. The lake improves the quality of water downstream as it collects silt and trash that would otherwise end up downstream. It also provides limited flood control.

The dam was flagged during an inspection by the Nebraska Department of Natural Resources as being substandard and in need of repair. The inspection revealed that the spillway and toe drains have partially collapsed. Their condition could impact proper drainage and the safety of the dam. A dam failure would potentially imperil many people and properties located in the flood area downstream, as indicated in the Emergency Action Plan. The repair project will seal the collapsed spillway drains and install a new drainage and blocking system.

Wedgewood Manor Lake Association engaged Hazard Engineering to provide engineering and design and incurred \$17,995.00 in costs for these services. We then sent out bid requests to 9 contractors but only received one bid, that bid being from Pat Thomas Construction, Inc. The remaining cost of the project is estimated to be \$238,045.00. This consists of construction cost of \$213,755.00 and construction management and observation \$24,290.00. We are seeking Community Assistance Program funding of 50 percent of the cost of the project, \$119,022.00. We also request reimbursement as contractor pay applications are signed-off by Hazard Engineering.

Thank you for your consideration for our request.

Mark Thompson
Wedgewood Manor Lake Association

FORM OF PROPOSAL

PROJECT: Wedgewood Lake Dam Drain Rehab
 LOCATION: Lincoln, NE
 OWNER: Wedgewood Manor Lake Association
 DATE: 9/29/2023

The undersigned, having examined the plans and specifications dated the same, and investigated the local conditions that affect the project work, hereby proposes to construct the project in accordance with the contract documents listed below.

Patricia Thomas

10/27/2023

CONTRACTOR (Authorized Representative)

DATE

BASE BID A: Includes tree removal, concrete demolition and replacement, installation of sheet pile cutoff wall, sand drains with pipe outlets, and addition of riprap to the outlet channel.

BASE BID A QUANTITIES					
ITEM #	DESCRIPTION	QUANTITY	UNIT	\$/UNIT	TOTAL \$
1	Mobilization	1	LS	\$19,000.00	\$19,000.00
2	Clearing and Grubbing	1	LS	\$16,524.00	\$16,524.00
3	Trail Crossing/Signage	1	LS	\$2500.00	\$2500.00
4	Remove and Reset Chainlink Fence	140	LF	\$35.00	\$4900.00
5	Dewatering/Handling of Water	1	LS	\$19,000.00	\$19,000.00
6	Demo - Concrete Footing	70	SF	\$77.00	\$5,390.00
7	Demo - Concrete Floor	195	SF	\$77.00	\$15,015.00
8	Demo - Concrete Wing Wall	66	SF	\$77.00	\$5,082.00
9	Type B Riprap	25	TN	\$110.00	\$2,750.00
10	Remove Toe Drain Pipe	36	LF	\$25.00	\$900.00
11	8" Perforated SCH40 PVC	12	LF	\$85.00	\$1,020.00
12	8" Slotted SCH40 PVC	16	LF	\$85.00	\$1,360.00
13	1" Clean Limestone - Toe Drain	5.4	TN	\$110.46	\$596.49
14	3/8" Pea Gravel - Toe Drain	27.5	TN	\$110.46	\$3,037.65
15	47B Gravel - Toe Drain	18.5	TN	\$73.05	\$1,351.43
16	Grout & Abandon Drain Pipe	2	EA	\$2,500.00	\$5,000.00
17	6" Slotted SCH40 PVC	20	LF	\$85.00	\$1,700.00
18	47B Gravel - Sand Collar	64.5	TN	\$73.05	\$4,711.73
19	Steel Sheet Pile	568	SF	\$86.35	\$49,046.80
20	Reinforcing Steel - Grade 60	1289	LB	\$5.19	\$6,689.91
21	Concrete - 47B-4000	19.8	CY	\$1,600.00	\$31,680.00
22	Bale Check	1	LS	\$1,500.00	\$1,500.00
23	Seeding and Mulching	1	AC	\$6,500.00	\$6,500.00
24	Site Restoration	1	LS	\$8,500.00	\$8,500.00
BASE BID A TOTAL					\$213,755.01

FORM OF PROPOSAL

Approximate construction start date is Spring 2024.

Substantial completion date as defined in the specifications is March 20th, 2024.

Final Completion date as defined in the specifications is April 15th, 2024.

The receipt of addenda to the drawings or specifications is hereby acknowledged:

Addendum No. _____ dated _____

Addendum No. _____ dated _____

In submitting this proposal, the undersigned agrees:

- 1- That the Owner reserves the right to waive any or all informalities or irregularities.
- 2- That the Owner may accept or remove any bid item or combination thereof at the owner's discretion and what is in the best interest of the owner.
- 3- This Form of Proposal is not a guarantee that the owner will proceed with the work and contract for construction. The Owner is seeking funding assistance and pursuing necessary permits for construction. The owner is pursuing to contract with a contractor to complete the necessary work following receipt of permits and approval from the Pine Lake Association Board.

Bids shall be submitted by email to the Owner and are due back no later than

October 27th, 2023 at 11:00 AM Central Time.

Owner Email: m80mark@yahoo.com

For questions or clarifications, please direct calls and emails to Travis Hazard.

Engineer Email: thazard@hazardeng.com

Engineer Phone: 402.525.3651

BID BOND - PRIVATE WORK

KNOW ALL MEN BY THESE PRESENTS, that we
Pat Thomas Construction Inc., 1028 G Street, Suite 102 Lincoln, NE 68508

as Principal, hereinafter called the Principal, and
Granite Re, Inc. 14001 Quailbrook Drive Oklahoma City, OK 73134

a corporation duly organized under the laws of the State of Minnesota
as Surety, hereinafter called the Surety, are held and firmly bound unto
Wedgewood Manor Lake Association, 1919 South 40th St Ste. 201 Lincoln, NE 68506

as Oblige, hereinafter called the Oblige, in the sum of **Five Percent of the Amount Bid**

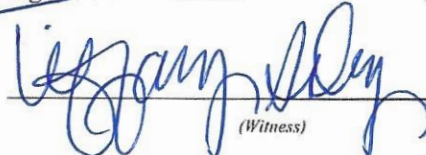
Dollars (\$5%)
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind
ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by
these presents~

WHEREAS, the Principal has submitted a bid for **Wedgewood Lake Dam Rehab**

NOW, THEREFORE, if the Oblige shall accept the bid of the Principal and the Principal shall enter into a Contract with the Oblige in
accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and
sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution
thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Oblige
the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Oblige may in
good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in
full force and effect.

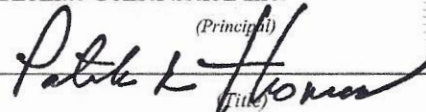
PROVIDED, HOWEVER, neither Principal nor Surety shall be bound hereunder unless Oblige prior to execution of the final contract shall
furnish evidence satisfactory to Principal and Surety that financing has been firmly committed to cover the entire cost of the project.

Signed and sealed this **27th** day of **October, 2023**


(Witness)


(Witness)

Pat Thomas Construction Inc.

By 
(Principal) (Seal)

Granite Re, Inc.

By 
(Title)

James M. King, Attorney-in-Fact

U&IB 618

GRANITE RE, INC.
GENERAL POWER OF ATTORNEY

Know all Men by these Presents:

That GRANITE RE, INC., a corporation organized and existing under the laws of the State of MINNESOTA and having its principal office at the City of OKLAHOMA CITY in the State of OKLAHOMA does hereby constitute and appoint:

ROBERT T. CIRONE; JAMES M. KING; JACOB J. BUSS; THOMAS L. KING; SETH P. WEEDIN its true and lawful Attorney-in-Fact(s) for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said GRANITE RE, INC. a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said GRANITE RE, INC. through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said:

ROBERT T. CIRONE; JAMES M. KING; JACOB J. BUSS; THOMAS L. KING; SETH P. WEEDIN may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said GRANITE RE, INC. has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its President and Assistant Secretary, this 31st day of July, 2023.

STATE OF OKLAHOMA)
) SS:
COUNTY OF OKLAHOMA)



Kenneth D. Whittington, President

Kyle P. McDonald, Assistant Secretary

On this 31st day of July, 2023, before me personally came Kenneth D. Whittington, President of the GRANITE RE, INC. Company and Kyle P. McDonald, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said, that they, the said Kenneth D. Whittington and Kyle P. McDonald were respectively the President and the Assistant Secretary of GRANITE RE, INC., the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their name thereto by like order as President and Assistant Secretary, respectively, of the Company.

My Commission Expires:
April 21, 2027
Commission #: 11003620



Notary Public

GRANITE RE, INC.
Certificate

THE UNDERSIGNED, being the duly elected and acting Assistant Secretary of Granite Re, Inc., a Minnesota Corporation, HEREBY CERTIFIES that the following resolution is a true and correct excerpt from the July 15, 1987, minutes of the meeting of the Board of Directors of Granite Re, Inc. and that said Power of Attorney has not been revoked and is now in full force and effect.

"RESOLVED, that the President, any Vice President, the Assistant Secretary, and any Assistant Vice President shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the Company in the course of its business. On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the Company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

IN WITNESS WHEREOF, the undersigned has subscribed this Certificate and affixed the corporate seal of the Corporation this

27th day of October, 2023.



Kyle P. McDonald, Assistant Secretary

Date 10/26/2023
 Project Wedgewood Lake Dam - Drain Pipe Rehab
 Scope Construction Administration and Certification
 Owner Wedgewood Manor Lake Association



Task	Description	
1	Construction Staking Set Project Control Points Limits of Construction/Easement Area	\$ 1,350.00
2	Construction Management Pre-Construction Meeting Progress Meetings (Est. 4 Months) Shop Drawings/Submittal Reviews Pay Requests Work Change Directive/Change Orders Punch List Meeting Stakeholder Coordination	\$ 9,065.00
3	Construction Observation Field Observation and Inspection (Required inspections listed) Removals Verification Exposing of toe drains Sheet pile install Sand filter (first day) Forming/Rebar Inspection (3 trip) Embankment Backfill Maintain Record Drawings Project Documentation (Reports/Photos)	\$ 12,395.00
4	Construction Certification As-built Plan Preparation DNR Dam Safety Certification Submittal Package	\$ 1,480.00
PROJECT TOTAL		\$ 24,290.00

Owner Signature of Acceptance

Date

Owner Billing Address

Phone

ASSUMPTIONS

Assuming a 4 month project schedule. Additional Services will be necessary if project schedule is extended.
 Attendance at board meetings are not included.

SCHEDULE - All dates are anticipated and dependent on timely reviews from Owner and Agencies
 Tasks and schedule are based on a single season construction schedule

*The proposed tasks outlined above will be completed and billed on a **Lump Sum basis** in the amount listed. Invoices will be billed monthly and are due upon receipt. It is my goal to exceed your expectations by effectively communicating and updating you on progress. I will monitor progress and allow you, the Owner, to make informative decisions on proceeding that are in the best interest of you and your project. I am happy to determine the best path forward to providing you with additional services where and when necessary.*

Lower Platte South Natural Resources District **Community Assistance Program Policy Guide**

Purpose:

The Lower Platte South Natural Resources District (LPSNRD) Community Assistance Program (CAP) provides up to 50% cost-share assistance to support any City's, Village's, and Homeowner Associations as they address natural resource concerns, related to drainage, stormwater, and streambank erosion within the district.

Eligible Projects:

CAP funds may be used for such projects as improving stormwater or drainage, including studies to identify potential solutions; repairing storm erosion damage to public trails; stabilizing stream channels; etc. Cities and villages, as well as private homeowner's associations, may apply for funding assistance. Projects should be located on lands that provide a public benefit, e.g., common areas, stormwater detention areas, or provide benefits downstream of such areas. Cost-share is available for project studies, design, and construction phases. Projects must be designed by a professional engineer licensed in the State of Nebraska, and approved by the LPSNRD Board of Directors. Project management is the sole responsibility of the applicant or their representative. Maintenance and future operation of completed projects is solely the responsibility of the applicant and is not eligible for cost-share.

Review and Approval Process:

1. Interested parties contact the LPSNRD Stormwater/Watershed Specialist to discuss issues, concerns, and CAP process for their natural resource-related problem.
 2. After discussion and possible meetings on-site with LPSNRD staff, the applicant will send a letter requesting funding assistance for their project. This letter will consist of:
 - a. A description of the problem
 - b. The proposed solution
 - c. The benefits of the proposed solution
 - d. The estimated schedule
 - e. Other participants in the project
 - f. Project Cost as well as other funding sources (if applicable)
 3. The LPSNRD staff will present the applicant's request to the Urban Subcommittee for consideration; if approved, the subcommittee will make a recommendation to the full LPSNRD Board of Directors.
 4. The Board of Directors will vote on the cost-share request during the regular monthly board meeting.
 5. The LPSNRD staff will notify the applicant of the Board's decision, including the funding amount and process the LPSNRD has approved.
-

Reimbursement:

The LPSNRD will distribute a portion of approved funds through reimbursement after the completion of each of the following project phases defined below:

Study Phase:

- Before reimbursement in this phase, the study must be 100% complete with final study deliverables (e.g. reports of analysis & recommendations) submitted to the LPSNRD for review and approval. Upon review and approval of final study deliverables, the applicant shall submit a letter requesting reimbursement, proof of the final analysis, invoices/documentation of actual costs paid for the project, copy of all bills paid, proof of payment through canceled/cashed checks, and any other additional information to verify project completion.

Design Phase:

- Before reimbursement in this phase, the design must be 100% complete with final plans, specifications, and engineer's cost opinion submitted to the LPSNRD for review and approval. Upon review and approval of final design materials, the applicant shall submit a letter requesting reimbursement, proof of the final design plans, invoices/documentation of actual costs paid for the project, a copy of all bills paid, proof of payment through canceled/cashed checks and any other additional information to verify project completion.
 - In certain circumstances construction observation will be included in the design phase. In this instance, the reimbursement for the design phase will not occur until after the construction of the project is completed due to construction observation services taking place during the actual construction project.
 - In instances where construction observation is included as part of the design contract and the applicant does not proceed with a construction phase, then an exception may be made to consider the design phase 100% complete, as long as the final design materials are completed, and all other documents are verified. The applicant would then be reimbursed for the design.

Note: In some cases, the study & design phase occurs in one phase. Reimbursement will proceed as normal for study/design phases, which is after 100% completion and all supporting documents from above. In this situation, the LPSNRD should advise (or make aware) not to have construction observation included in the design phase, so the applicant could be reimbursed before moving into the construction phase.

Construction Phase:

- Before reimbursement in this phase, the construction project must be 100% complete with a letter requesting reimbursement listing the total cost minus any other sources of funds, proof of the as-built plans approved and signed off by the engineer of record, invoices/documentation of actual costs paid for the project, canceled/cashed checks, and any additional information to verify project completion.
 - Other documentation may need to be seen or completed depending on the project. For example, a dam may require a Construction Certification Form for dams from the Nebraska Department of Natural Resources (NeDNR).
 - Any construction projects with a total project cost over \$200,000 may request consideration from the Board to obtain reimbursement as construction is ongoing.
 - For a public agency (City/ Village), if reimbursement is approved for a construction phase greater than \$200,000, an Interlocal Agreement between the applicant and LPSNRD must be completed to outline the requirements of the cost-share reimbursement for the project. (See Appendix A for the Interlocal Agreement example).
 - For non-municipal organizations/ associations (Homeowners Associations), if reimbursement is approved for a construction phase greater than \$200,000, then a contract between the applicant and LPSNRD must be completed to outline the requirements of the cost-share reimbursement for the project. *To be developed after approval of this policy.*
 - Construction projects greater than a total cost of \$200,00 are required to be maintained by the applicant for a minimum of 5 years after the project completion. The maintenance requirement will be included in the interlocal agreement/ contract requirements. The LPSNRD may periodically inspect projects to verify that the applicant is performing regular, ongoing maintenance. If the applicant removes the project prior to the end of the five-year period, then the LPSNRD will require the applicant to repay all or a portion of the cost-share money paid to applicant.
 - A letter requesting reimbursement, contractor pay application signed off by the Engineer of Record, copies of all bills paid, and proof of payment through canceled/cashed checks will be required for reimbursement while construction is ongoing. A final payment in this scenario will need a letter requesting final reimbursement, listing the total project cost minus any other sources of funds, as-built plans signed off by the engineer, and copies of all bills paid and proof of payment through canceled/cashed checks.
 - Applicants may include construction observation services during this phase. Construction observation is typically completed by the Engineer of Record to ensure the contractor is completing the work to the plans and specifications.

Note: In some circumstances, depending on the size of the construction project, the Board may hold a defined amount of money for the final payment. There may be additional retainage held until the final payment/project is completed. Depending on the project size, the specific amount of retainage would be included in the Interlocal Agreement, contract, or LPSNRD CAP approval notification letter to the applicant, once approved by the Board.

Other Implementation:

1. There is no completion deadline for projects delayed due to weather or other justified circumstances. LPSNRD staff will communicate with the applicant regularly for status updates on the applicant's project so that LPSNRD staff can keep the Board informed of CAP project progress.
2. For planning and fiscal responsibility, the LPSNRD annually prepares budgetary constraints of its programs, including the CAP. Funding assistance for CAP projects for each fiscal year will be on a first come, first served basis.
3. Where applicable, the LPSNRD staff and/or Board will review project task costs to determine eligibility for cost share. Examples of non-cost-shareable items include (but are not limited to):
 - Riprap under a public infrastructure bridge. This is considered “bridge armoring” and a maintenance operation and is not looked at as a public benefit.
 - Dredging lakes is not considered a public benefit and is more for the benefit of the applicant.

Note: In general, items that are considered maintenance or operation tasks are not eligible and are considered the responsibility of the applicant.

4. Applicants may use other funding assistance (such as grants) while also receiving assistance from the LPSNRD Community Assistance Program. If additional funding is obtained, then the LPSNRD will cost share up to 50% of the portion of the project for the actual dollar amount the applicant is paying minus any other funding assistance.
 - Example: Total Project cost = \$100,000. The applicant has \$30,000 in additional funding from outside sources. The applicant would pay \$70,000. The LPSNRD could potentially cost share up to 50% of the remaining funds paid by the applicant, and the LPSNRD would reimburse the applicant \$35,000.
5. If an approved CAP project results in higher than initially applied and approved for CAP cost-share, the applicant shall notify the LPSNRD as soon as possible and request an amendment to the approved cost-share for up to 50% of the increase paid by the applicant. The Board will determine whether or not to approve this additional amount.
6. If the project does not start within one year of the Board approval date, the LPSNRD reserves the right to cancel the cost-share application. The applicant will be required to reapply and restart the application process for consideration.