



## 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:** October 11, 2023  
**To:** Urban Subcommittee  
**From:** Mark Lindemann, District Engineer   
**Subject:** Urban Subcommittee Meeting Minutes – October 2023

The Urban Subcommittee met on Wednesday, October 11<sup>th</sup>, at the NRD Office, at 5:30 pm. Subcommittee members participating included John Yoakum- committee chair, Gary Aldridge, Melissa Baker, Larry Ruth, Susan Seacrest, and Stacie Sinclair. Others participating included Board Chair Landis, NRD staff Mike Sousek, Mike Murren, Drew Ratkovec, Mark Lindemann, and Corey Wasserburger from Legal Counsel. Mary Furnas from Rolling Hills Park Association/ HOA and Scott Speicher from Clark and Enersen were also in attendance. Director Yoakum called the meeting to order at 5:30pm. There were two items on the agenda the Subcommittee took action on, and two update reports. A quorum was present for the meeting.

**A. Discussion on the Development of Formal Policy for the Community Assistance Program** – In recent Urban Subcommittee and Board meetings, there was discussion that a formal policy should be developed for the Community Assistance Program (CAP). Lindemann noted that there was no formal policy written to this point and that NRD staff worked together to develop a new draft policy for Directors to review and comment on. Drew Ratkovec, NRD Stormwater Specialist who manages the CAP referred to the Draft Policy for the subcommittee to discuss and comment on. The intent of this policy is to provide clear and consistent guidance on the determination of eligibility and to direct staff on the processes to follow and convey to applicants with flexibility to adapt the policy based on the program's needs. Ratkovec provided a history of the CAP, and stated that the average all CAP projects to date cost around \$93,000, with a range of \$7,000 to \$1 Million. Directors and staff discussed the draft policy regarding the allowance for the NRD to sunset an approved application based on progress thresholds, utilizing a contract or interlocal agreement based on a threshold dollar amount, requiring a claw-back clause ensuring a project is maintained for a minimum duration, and procedures for applicants to follow to request an increase in cost-share assistance due to project cost increases. A Microsoft Word version of the draft policy document was requested by Directors so additional wording could be refined. It was agreed that staff and Directors would work to prepare a final policy to bring to the November subcommittee meeting for recommendation of adoption and approval by the Board.

**B. Consideration of a Community Assistance Program Application for the Low Flow Channel Liner Repair Construction Project from the Rolling Hills Park/Homeowners Association [ACTION]** – Lindemann referred to the memorandum from Drew Ratkovec, dated October 4, 2023, included in the background materials. Ratkovec then explained the original Community Assistance Program (CAP) application request from the May 2023 Board Meeting received from Rolling Hills Park Association/HOA for a cost-share for

the design and construction observation services to repair the existing low-flow liner. Ratkovec noted that Mary Furnas, president of Rolling Hills Park Association and Scott Speicher, design engineer from Clark & Enersen were present. Final plans have been prepared by Clark & Enersen, the applicant's engineer, and have been reviewed by NRD staff. Bids for construction were solicited with the applicant selecting the low bid from Nebraska Digging Services, LLC, for a total cost of \$53,270.25 for the project. The HOA is requesting the NRD to cost share the low bid of \$53,270.25. The City of Lincoln has agreed to reimburse the NRD \$5,327.03 (10%) as part of the FY23-24 Interlocal Stormwater Work Plan with the NRD. Total funding by the NRD would be \$29,298.64, including the City Reimbursement of \$5,327.03. If approved by the Board, the funding would be broken down as; Rolling Hills \$23,971.61 (45%), LPSNRD \$23,971.61 (45%), and City \$5,327.03 (10%).

It was moved by Seacrest, seconded by Sinclair, and unanimously approved by the Subcommittee to recommend that the Board of Directors approve the Community Assistance Program application request for the Low Flow channel Liner Repair Construction Project from Rolling Hills Park Association Inc./ Homeowners Association, at a cost-share amount of \$29,298.64 of NRD funds, with the City reimbursing the NRD \$5,327.03.

**C. Consideration of a Professional Services Agreement with Felsburg, Holt, and Ullevig for Construction Management Services for the Deadmans Run N. 66<sup>th</sup> to Vine Street Bank Repair Project [ACTION] –**

Lindemann reported that the final design for the Deadmans Run Bank Repair Project from 66<sup>th</sup> to Vine Street was complete and that advertising for bids for construction is expected to occur in November. FHU has prepared plans and specifications for the project. This project will require bidding services, construction management, and site observation services during active construction and vegetation establishment to ensure proper construction methods and that the project is built to the plans and specifications. NRD staff has worked with FHU to provide a scope and fee for professional services, at a cost not to exceed \$29,555. Questions were answered relating to estimated construction costs, project duration, and remaining permits required.

It was moved by Baker, seconded by Seacrest, and unanimously approved by the Subcommittee to recommend that the Board of Directors approve the Professional Services Agreement with Felsburg, Holt, and Ullevig, for Construction Management Services for the Deadmans Run N. 66<sup>th</sup> to Vine St. Bank Repair Project, at an amount not to exceed \$29,555.

**D. Update on Beal Slough Watershed Master Plan Project 70<sup>th</sup> to Pine Lake**– Lindemann introduced the Beal Slough stream stability project from 70<sup>th</sup> Street to Pine Lake and referred to the screen to show the location of the project. This stream stabilization project on Beal Slough is one of the capital improvement projects that resulted from the Beal Slough Watershed Masterplan. Intuition & Logic Engineering, Inc. was the designer and engineer of record who developed the final plans and performed construction observation and administration. Schemmer, a sub-consultant for Intuition & Logic, provided onsite observation and documentation for the project. It was noted that a significant portion of this property was donated to the City, who intends to develop a trail along this corridor of Beal Slough. Mike Murren, then explained the requirements of the specifications described the events of the project during construction. This stream stabilization project, awarded to High Plains Enterprises in January of 2021, included construction of rock grade control structures, bank stabilization, and vegetated rock using live stake planting. To date, all work has been completed by the contractor, with the live stake plantings performed unsuccessfully, as defined by the specifications, after two attempts. The plans and specifications for the project require a total of 2,118 live stakes plants with an 80% plant survival rate after one year (1,694 living

plants = 80% Survival Rate). After both Contractor attempts in live stakes planting, the number of observed living live stake plants were observed to be significantly less than the number required to meet the plant survival specification with 46 and 117 plants living after the first and second attempts, respectively. A copy of Intuition & Logic's construction observation report of live stake planting review is attached. The bid items for Vegetated Rock total \$87,320.25. Murren noted that previous projects at South Salt Creek #3 and #4 were examples of successful NRD projects with similar designs and specifications. The NRD currently is withholding \$5,000 for as-built plans (not yet received) and \$42,198.55 in total retainage. Corey Wasserburger, NRD Legal Counsel was asked to provide next actions that could be pursued by the NRD and appropriate next steps. Directors discussed the possibility of damage to the project that could occur during a high-water event without proper live stake plant growth and that action should be taken by the District. The subcommittee recommended that the District to follow Legal Counsel's advice to continue next steps and report back on progress.

Meeting adjourned at 6:53 pm.

cc: Dave Landis  
Steve Seglin  
Corey Wasserburger



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### Memorandum

**Date:** October 6, 2023  
**To:** Urban Subcommittee  
**From:** Mark Lindemann, District Engineer   
**Subject:** Urban Subcommittee Background Information – October 2023

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The Urban Subcommittee will be meeting on Wednesday, October 11, 2023, at the NRD Office, at 5:30 p.m. The following summarizes the items to discuss and 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. Discussion on the Development of Formal Policy for the Community Assistance Program** – Please see the attached draft policy for the Community Assistance Program (CAP) from Drew Ratkovec. In recent Urban Subcommittee and Board meetings, discussion has occurred that a formal policy should be developed for the CAP. Currently there are no formal policies and only a flyer available to the public. The intent of this policy is to provide clear and consistent guidance on the determination of eligibility and to direct staff on the processes to follow and convey to applicants.

**B. Consideration of a Community Assistance Program Application for Low Flow Channel Liner Repair Construction Project from the Rolling Hills Park/Homeowners Association [ACTION]** – Please see the attached memorandum from Drew Ratkovec, dated October 4, 2023. In the May 2023 Board Meeting, a Community Assistance Program (CAP) request was received from Rolling Hills Park Association/HOA for a cost-share for the design and construction observation services to repair the existing low-flow liner. Final plans have been prepared by Clark & Enersen, the applicant's engineer, and have been reviewed by NRD staff. Bids for construction were solicited with the applicant selecting the low bid from Nebraska Digging Services, LLC, for a total cost of \$53,270.25 for the project. The HOA is requesting the NRD to cost share 50 percent of the low bid of \$53,270.25. The City of Lincoln has agreed to reimburse the NRD \$5,327.03 (10%) as part of the FY23-24 Interlocal Stormwater Work Plan with the NRD. Total funding by the NRD would be \$29,298.64, including the City Reimbursement of \$5,327.03. If approved by the Board, the funding would be broken down as; Rolling Hills \$23,971.61 (45%), LPSNRD \$23,971.61 (45%), and City \$5,327.03 (10%). See attached CAP application request, and bid recommendation for more information.

The Subcommittee will consider a motion to recommend that the Board of Directors approve the Community Assistance Program application request for the Low Flow channel Liner Repair Construction Project from Rolling Hills Park Association Inc./ Homeowners Association, at a cost-share amount of \$29,298.64 of NRD funds, with the City reimbursing the NRD \$5,327.03.

**C. Consideration of a Professional Services Agreement with Felsburg, Holt, and Ullevig for Construction Management Services for the Deadmans Run N. 66<sup>th</sup> to Vine Street Bank Repair Project [ACTION]** – In the February of 2023 Board Meeting, Felsburg, Holt, and Ullevig’s (FHU) proposal was approved to design bank repairs for Deadmans Run from 66<sup>th</sup> to Vine Street. FHU has prepared plans and specifications for the project and the NRD is planning to advertise the construction project in early November of this year, with a bid opening in December. This project will require bidding services, construction management, and site observation services during active construction and vegetation establishment to ensure proper construction methods and that the project is built to the plans and specifications. FHU, the engineer of record for the project, is in the best position to perform these services and interpret the plans and specifications. NRD staff has worked with FHU to provide a scope and fee for professional services, at a cost not to exceed \$29,555. Attached is the professional services scope and fee from FHU.

The Subcommittee will consider a motion to recommend that the Board of Directors approve the Professional Services Agreement with Felsburg, Holt, and Ullevig, for Construction Management Services for the Deadmans Run N. 66<sup>th</sup> to Vine St. Bank Repair Project, at an amount not to exceed \$29,555.

**D. Update on Beal Slough Watershed Master Plan Project 70<sup>th</sup> to Pine Lake**– In February of 2019, the Board approved Intuition & Logic Engineering’s proposal for a stream evaluation of Beal Slough from 70<sup>th</sup> Street to Pine Lake Road. In November of 2019, the Board approved Intuition & Logic’s proposal for the channel stabilization design for the same location. A significant portion of this property was donated to the City, who intends to develop a trail along this corridor of Beal Slough. High Plains Enterprises was awarded the construction contract in January of 2021. This stream stabilization project included construction of rock grade control structures, bank stabilization, and vegetated rock using live stake planting. To date, all work has been completed by the contractor, with the live stake plantings performed unsuccessfully, as defined by the specifications, after two attempts. The plans and specifications for the project require a total of 2,118 live stakes plants with an 80% plant survival rate after one year (1,694 living plants = 80% Survival Rate). After both Contractor attempts in live stakes planting, the number of observed living live stake plants were observed to be significantly less than the number required to meet the plant survival specification with 46 and 117 plants living after the first and second attempts, respectively. A copy of Intuition & Logic’s construction observation report of live stake planting review is attached. The bid items for Vegetated Rock total \$87,320.25. The NRD currently is withholding \$5,000 for as-built plans (not yet received) and \$42,198.55 in total retainage. NRD staff will provide further information and timelines for what has taken place thus far.

Enclosures;

cc: Dave Landis  
Steve Seglin  
Corey Wasserburger

# **Lower Platte South Natural Resources District**

## **Community Assistance Program Policy Guide**

### **Purpose:**

The Community Assistance Program (CAP) provides up to 50% cost-share assistance to support City, Village, and Homeowner's Associations as they address natural resource concerns, related to drainage, stormwater, and streambank erosion.

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### **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 NRD 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.

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### **Review and Approval Process:**

1. Contact the LPSNRD Stormwater/Watershed Specialist to discuss issues, concerns, and CAP process for your natural resource-related problem. This initial contact will be the initial step to determining eligibility. After discussion and possible meetings on-site with NRD staff, the applicant will send a letter requesting funding assistance for their project. This letter will consist of a description of the problem, the proposed solution, the benefits of the proposed solution, the estimated schedule, other participants in the project, and cost as well as other funding sources.
  2. The NRD staff will present the applicant's request to the Urban Subcommittee for consideration and make a recommendation to the Board of Directors, if approved during Subcommittee.
  3. The Board of Directors will vote to approve or deny the cost-share request during the regular monthly board meeting.
  4. The NRD staff will notify the applicant of the Board's decision, including the funding amount and process that the NRD has approved.
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**Reimbursement:**

Funds will be received through reimbursement after the project phase is completed as defined below:

**Study Phase:**

- Before reimbursement for a study phase, the project must be 100% complete with final study deliverables submitted to the NRD 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 for a design phase, the project must be 100% complete with final plans, specifications, and engineer's cost opinion submitted to the NRD 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.

\*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 NRD 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 for a construction 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 \$500,000 may request consideration from the Board to obtain reimbursement as construction is ongoing.
    - If reimbursement is approved as construction is ongoing, then an Interlocal Agreement must be completed to outline the agreement between the applicant and NRD. (See Appendix A for the Interlocal Agreement example). *To be provided after Subcommittee review of this draft.*
    - 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.

\*Note: In some circumstances, depending on how large the construction project is, the Board may hold a defined amount of money for the final payment. There will more than likely be a retainage that is also held back until the final payment/project is completed. Depending on the project size, this would be put in the Interlocal Agreement, or NRD CAP approval notification letter to the applicant, once approved by the Board.

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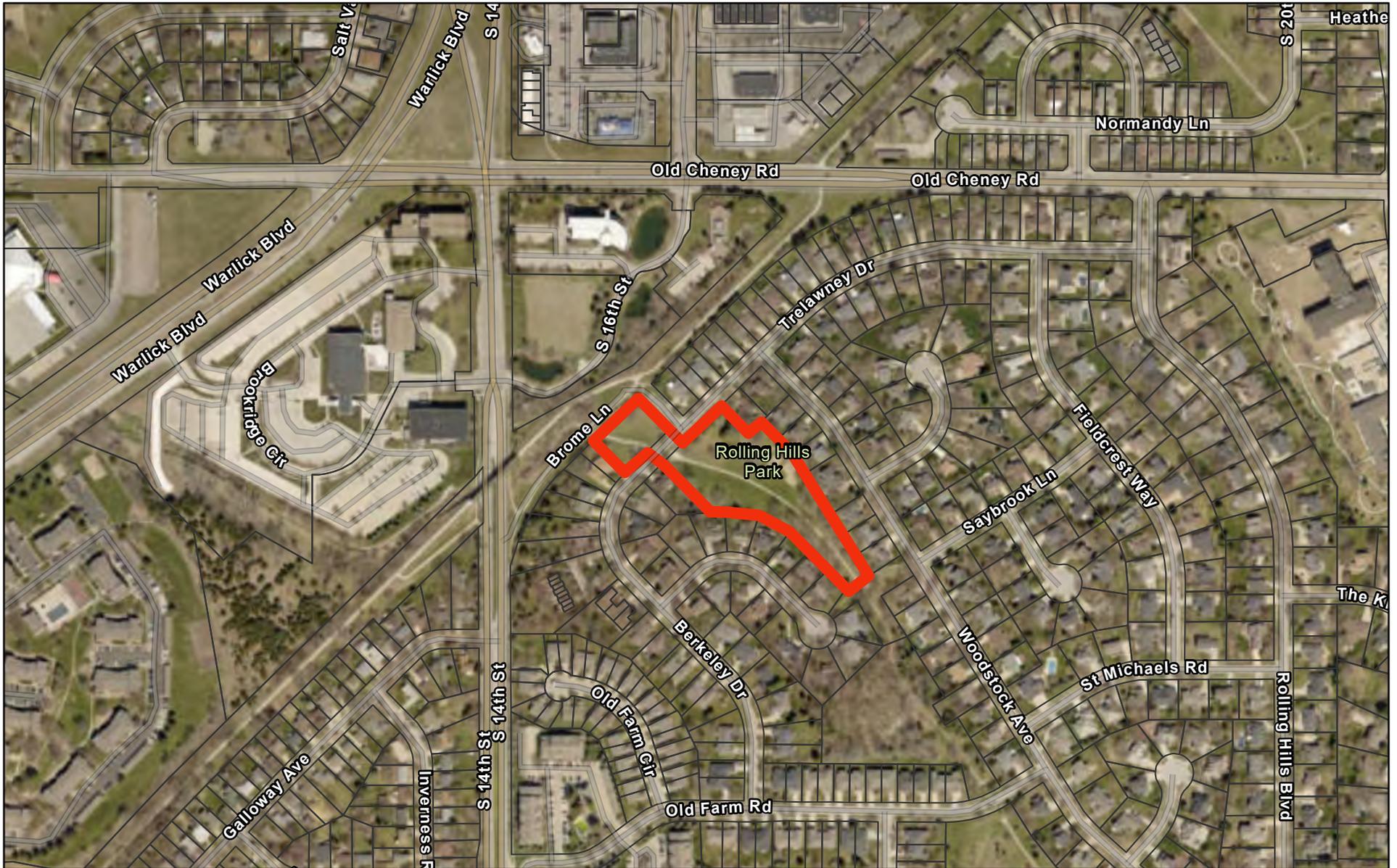
1. There is no set deadline if a project is delayed due to weather or other circumstances. NRD staff will check in with the applicant regularly for status updates on the applicant's project so that NRD staff can keep the Board informed of CAP project progress.
  - For planning and fiscal responsibility, the NRD annually prepares budgetary constraints of its programs, including the Community Assistance Program. Funding

assistance for CAP projects for each fiscal year will be on a first come first served type basis.

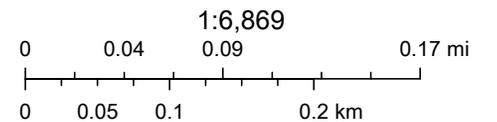
2. Where applicable, the NRD staff and/or Board will review project task costs to determine eligibility for cost share.
  - Examples include a non-cost shareable item would be riprap under a public infrastructure bridge. This is considered “bridge armoring” and a maintenance operation and is not looked at as a public benefit.
  - Dredging lakes is not considered a public benefit and is more for the benefit of the applicant.
  - In general, items that are considered maintenance or operation tasks are not eligible and considered the responsibility of the applicant.
  
3. Applicants may use other funding assistance (such as grants) while also receiving assistance from the NRD Community Assistance Program. If additional funding is obtained, then the NRD 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 NRD could potentially cost share up to 50% of the remaining funds paid by the applicant, and the NRD would reimburse the applicant \$35,000.

# Rolling Hills HOA CAP Project

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5/8/2023



Esri Community Maps Contributors, City of Lincoln/Lancaster County, Nebraska Game & Parks Commission, © OpenStreetMap, Microsoft, Esri,





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### Memorandum

**Date:** October 4, 2023  
**To:** Urban Subcommittee  
**From:** Drew Ratkovec, Stormwater/Watershed Specialist  
**Subject:** Rolling Hills Channel Liner Repair Construction CAP Project

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In May of 2023, the Board of Directors approved a Community Assistance Program (CAP) project with the Rolling Hills Park/Homeowners Association (RHPA/HOA) on the design phase to prepare plans to fix the erosion that is occurring in the channel. Since then, Clark & Enersen has produced the final design plans and specifications to repair the channel, which were sent out to contractors for bid. Of the three bids that were received, Nebraska Digging Services, LLC had the lowest amount of \$53,270.25 (attached).

The President of the RHPA/HOA has requested cost-share through the CAP for these construction services. 10% of the construction costs are in the City Of Lincoln right-of-way, in which the city has agreed through the FY23-24 Interlocal Stormwater Work plan to pay their portion by reimbursing the LPSNRD. Rolling Hills is requesting 50% of the total amount paid by the association. This will be broken down into these percentages: Rolling Hills- 45% or \$23,971.61, LPSNRD- 45% or \$23971.61, City of Lincoln- 10% or \$5,327.03.

The Subcommittee will consider a motion to recommend that the Board of Directors approve the Community Assistance Program request from Rolling Hills Park/Homeowner Association, for \$29,298.64 on cost-share assistance for the channel repair project, with the city of Lincoln reimbursing the NRD \$5,327.03.

Rolling Hills Park Association Inc. / HOA  
Attn: President, Mary Furnas  
1816 Trelawney Dr.  
Lincoln, NE 68512  
[furnas.rollinghillspark@gmail.com](mailto:furnas.rollinghillspark@gmail.com)  
402-770-8967

Lower Platte South Natural Resources District  
3125 Portia St.  
Lincoln, NE 68521

Attn: Drew Ratkovec  
Stormwater/Watershed Specialist

September 30, 2023

Dear Mr. Ratkovec and LPSNRD Board Members,

The Rolling Hills Park Association HOA (RHPA/HOA) appreciates the members of the Lower Platte South Natural Resources District and the Community Assistance Program. The LPSNRD has already received and approved the design plans from Clark & Enersen prior to the bids being let for the actual construction. The design we received from Clark & Enersen was phase-one of the erosion repair project which LPSNRD has already approved to cost share.

This letter of request is to ask for additional Community Assistance Program funds to help finance the construction phase of the project that is based on the design plan provided by Clark & Enersen. Both the LPSNRD and the City Watershed Dept are aware of the 3 bids and agree that we should move forward with the lowest bid, which is from **Nebraska Digging Services, LLC**, in the amount of **\$53,270.25**. Based on our conversation with all parties, the cost share would be broken down into 45% RHPA/HOA, 45% LPSNRD, and 10% City of Lincoln.

The Rolling Hills neighborhood consisting of 151 homes, was established in September of 1974, and includes a beautiful park which is used to connect with our friends, neighbors, and the community at large. We want it to be a safe and enjoyable place for all.

Thank you for considering the Rolling Hills Park Association, HOA's request for Community Assistance Program cost share funds to correct the erosion along the waterway that flows through our park. Please let me know if you have any questions.

Respectfully,

Mary Furnas  
President, Rolling Hills Park Association/ HOA

## ROLLING HILLS PARK CHANNEL REPAIRS

### BID TABULATION SUMMARY

September 22, 2023

Cost Estimate: \$43,300

CONTRACTOR	START DATE	END DATE		LUMP SUM BID	% Over Low Bid
Nebraska Digging Services, LLC	November 1, 2023	November 12, 2023	\$	53,270.25	0
Gana Trucking & Excavating	October 9, 2023	November 20, 2023	\$	58,900.00	10.6
H.R. Bookstrom Construction, Inc.	Winter/Spring 2024	Spring 2024	\$	91,380.00	71.5
General Excavating		NO BID			

It is our recommendation to proceed with Nebraska Digging Services, LLC. Along with providing the lowest bid, they also hold a good reputation and can provide exceptional construction services for this project.

PROPOSAL

TO: Rolling Hills Park HOA  
& Lower Platte South NRD  
attn: Mary Furnas

Date: 9/22/23

BID TOTAL

<u>Fifty Three Thousand Two Hundred Seventy and 25/100 Dollars</u>	<u>\$53,270.25</u>
(words)	(number)

TIME OF COMPLETION

The work to be performed under this Contract shall be commenced by November 1, 2023 and shall be completed by November 15, 2023 with such extensions of time as are provided by the Owner.

<u>Nebraska Digging Services, LLC</u>	<u>9/22/23</u>
Name of Firm	Date

<u>190 Main Street Alvo, NE 68304</u>	<u>402-432-5519</u>
Address	Phone

 Vice President  
Signature and Title of Responsible Official

Nebraska  
State of Incorporation



**Mary Furnas**

Sat, Oct 7, 8:54 PM (2 days ago)

to me

Susan,

As our LPSNRD elected District 10 Representative, attached please find a letter from our RHPA Board sharing our concerns regarding the Community Assistance Program cost share reimbursement policy. We need your assistance in informing other Urban Committee members, and LPSNRD Board members, prior to the upcoming meetings on October 11, 2023 and October 18, 2023, in hopes that a solution can be found to assist us in this urgent matter.

RHPA has already submitted a request letter to the LPSNRD board for Community Assistance Program funds for the construction phase of our erosion project. We intend to be at the meeting on October 11th and October 18th in hopes that our request for funding will be approved.

**RHPA has \$60,500.** Our dilemma is that we have been moving forward based on an estimated total project cost of \$58,000. (*\$15,000 Clark & Enerision for the plan design, and \$43,000 for the construction costs*). We knew we had enough money to do this. However, when the construction cost we were expecting to be \$43,000 came in at \$53,270.25 this pushed the total project cost to **\$68,270.25** and outside our financial capability. This leaves the RHPA short of the needed funds to pay both vendors **prior** to LPSNRD reimbursement for their portion of the cost share.

In the letter attached, we have provided a very simple solution but it will take the LPSNRD Board to approve a very small adjustment to the reimbursement policy. Without the LPSNRD Board's approval, RHPA will be substantially delayed in signing the contract with the vendor providing the work in the construction phase of our erosion project. This delay will lead to further deterioration, put homes at risk of flooding, and cost substantially more if it has to be delayed until next year.

Please review the attached letter. There is a chart showing a RHPA payout to vendors along with a reimbursement schedule. With just a few days grace given to us by LPSNRD and a very small adjustment to LPSNRD reimbursement policy., the project could move forward without delay. and *without thousands of dollars in additional costs*. You will see in our letter that both vendors would be paid by check at the same time however we would only submit for reimbursement for Vendor 1 (construction cost 1st) and the 2nd vendor would be told they can

*deposit immediately after we put the first reimbursement check in the bank. RHPA would then submit the reimbursement request to LPSNRD for the 2nd vendor, at the following LPSNRD meeting. RHPA can wait for the reimbursement from the 2nd request.*

We have been moving forward in good faith and full transparency regarding our finances. Had we known to expect a construction bid of \$53,270.25 instead of \$43,000 we could have held a special assessment members meeting early on to request extra dues for this purpose. At this point, our RHPA must have a member's meeting called specifically for the purpose of a special assessment vote. Our bylaws mandate a 30-day notice to all members before the meeting can occur, and 2/3 of the members in attendance must vote in favor. That meeting date has now been set for **November 2nd** and all members have been notified. However, we cannot sign a contract for the construction vendor until we have the member's vote of approval for the special assessment. Then we will need to give our members time to pay the special assessment dues before we can pay the vendors the \$68,270.25. This puts us well beyond the date the contractor needs a signed contract from the RHPA and beyond the scheduled start date for the construction work to begin. This puts us in jeopardy of losing our contractor.

Thank you for your prompt assistance in this matter.

Respectfully,

*Mary Furnas*

Mary Furnas, President  
Rolling Hills Park Association / HOA  
1816 Trelawney Dr.  
Lincoln, NE 68512  
402-770-8967  
[furnas.rollinghillspark@gmail.com](mailto:furnas.rollinghillspark@gmail.com)

**One attachment** • Scanned by Gmail



Looks good to me.

Very well said.

Thanks for the update.

ReplyForward

October 2, 2023

Dear LPSNRD Board Members,

As you know, the Rolling Hills Park Association (RHPA) received approval in May for cost sharing of Phase 1 of our Erosion Project, which is the Design Plan prepared by Clark & Enersen. We will submit our request letter for Phase 2, which is the construction phase, for review on October 11, 2023.

Throughout the process of working with the LPSNRD to request funding for the project, we understood that the Community Assistance Program is a Cost Share Program and that RHPA would pay vendors, submit proof of payment, and then get reimbursed by the LPSNRD.

*We were not aware that reimbursement could only occur after we pay **BOTH** vendors.* This is not stated in the materials provided to us, and we were not advised that we only one request for reimbursement could be submitted.

We have been transparent regarding our finances during meetings with Clark & Enersen and LPSNRD staff. We have \$50,000 available in our account, *which is why we are requesting LPSNRD funds.* According to our bylaws, we are only able to borrow \$10,500, which we plan to do. This would give us \$60,500. The original projected construction cost was \$43,000, which included a 10% contingency. The lowest bid for construction came in \$10,000 higher than the "estimate" of \$43,000 which our budget was based upon. Unfortunately, the lowest bid for construction was **\$53,270.25**.

This means that RHPA would need to pay Clark & Enersen & Clark Engineering **\$15,000** and Nebraska Digging Service **\$53,270.25** totaling **\$68,270.25** and then request reimbursement. We do not have \$68,270.25 in our bank account.

Project / Total Cost		Breakout of Cost Shares			Total to be Paid	Total Reimbursement to RHPA
Vendors	Cost of Service	City Watershed 1 <sup>st</sup> 10%	LPSNRD 45%	RHPA 45%		
Clark & Enersen Design Plan	\$15,000	\$1,500.00	\$6,750.00	\$6,750.00	<b>\$15,000.00</b>	<b>\$8,250.00</b>
Nebraska Digging Services, LLC	\$53,270.25	\$5,327.00	\$23,971.62	\$23,971.63	<b>\$53,270.25</b>	<b>\$29,298.62</b>
<b>Sub-Total</b>		<b>\$6,827.00</b>	<b>\$30,721.62</b>	<b>\$30,721.63</b>		
<b>Total</b>	<b>\$68,270.25</b>				<b>\$68,270.25</b>	
<b>Total Reimbursement to RHPA</b>						<b>\$37,548.62</b>

Project Total Cost	\$68,270.25		Notes
RHPA Cash on Hand		\$50,000.00	We have \$52,000 in the bank but need to leave \$2,000 in our account.
RHPA Loan		\$10,500.00	Bylaws allow us to borrow up to 105% of last year's income. 2022 tax filing shows our income as \$10,150 so we can only borrow up to \$10,657
<b>Total in RHPA account</b>		<b>\$60,500.00</b>	
<b>Cost of Project</b>			<b>\$68,270.25</b>
RHPA <b>Amount Needed</b>			<b>-\$7,770.25</b>

In our request In an email to LPSNRD this past Friday, we proposed the following solution that allow the project to move forward without delay:

- RHPA pay Nebraska Digging Service, LLC. \$53,270.25 and request reimbursement from LPSNRD in the amount of **\$29,298.62**
- **Next**, immediately after the deposit of the \$29,298.62 in to our RHPA account, we pay Clark and Enersen \$15,000. RHPA would then submit the proof of payment and request reimbursement of **\$8,250.00**.

RHPA	Payments	Balance
RHPA current \$		\$50,000.00
Loan (max)		\$10,500.00
<b>RHPA Total \$</b>		<b>\$60,500.00</b>
Pay NE Diggers	\$53,270.25	
RHPA Balance		\$7,229.75
LPSNRD Reimbursement	\$29,298.62	
RHPA Balance		\$36,528.37
Pay Clark & Enersen	\$15,000.00	
RHPA Balance		\$21,528.37
LPSNRD Reimbursement	\$8,250.00	
RHPA Balance		\$29,778.37
Pay Bank Loan + Interest	\$10,700.00	
RHPA Final Balance		\$19,078.37

If the LPSNRD does not allow for this exception to occur it would delay the construction, which may result in having to rebid the project, as well as a substantial increase in cost. Clark & Enersen stated that their cost would increase substantially if any changes to the design plan are required and the bidding process for contractors must be repeated. If we wait to do the work until spring, the current design plans may not be valid due to further erosion that would occur over the next several months.

The RHPA board would have only two options if our request is not approved:

**Option 1. Special Assessment of \$60 per 151 households = \$9,060 PLUS Borrowed Funds in the amount of \$10,500 which would total \$19,560**

- RHPA can borrow up to 105% of last year's deposits
- 2022 deposits according to our tax filing were \$10,150 so we can only borrow up to \$10,657 (and we would borrow \$10,500)
- 12.5% and a \$85 application fee
- **30 DAY Notice to ALL Members must occur**
- 2/3 vote in favor (of in person members or their proxy)
- If approved, then members must be given time to pay the assessment. **There is no guarantee that we would have all the funds we need in our account in time to pay both vendors.**
- We would have to request to delay signing the contract and delay the start date of the construction until we have membership approval for the special assessment. This would take us into winter.

**Option 2. Do not complete the project**

- We would still have to pay \$15,000 for the Design Plan that was done by Clark & Enersen, *which would then not be reimbursed by LPSNRD.*
- *Any delay in the project would mean further erosion.*
- *Any change to the design plan, due to additional erosion would cost us thousands more to Clark & Enersen and for the construction.*

**RHPA Bylaws:**

**Article IV - Section 4. Special Assessment**

Section 4. Special Assessment for Capital Improvement. In addition to the annual assessment authorized above, the Association may levy in any assessment year the assessment applicable to that year only for the purpose of defraying in whole or in part the cost of any construction or reconstruction, unexpected repair or replacement of the described capital improvement upon the Association's properties, including the necessary fixtures and personal property related thereto, provided that any such assessment shall have the consent of two-thirds of the votes of each class of members who are voting in person or by proxy at a meeting duly called for this purpose, written notice of which shall be sent to all members not less than thirty (30) days nor more than sixty (60) days in advance of the meeting setting forth the purpose of the meeting.

**Article VI - Maximum Indebtedness - Allows us to borrow up to 105% of our income for the previous fiscal year.**

ARTICLE VI

MAXIMUM INDEBTEDNESS

The highest amount of indebtedness or liability, direct or contingent, to which this Association may be subject at any one time shall not exceed 110% of the actual yearly cost for the preceding year while there is a Class B membership and thereafter shall not exceed 105% of its income for the previous fiscal year, provided that additional amounts may be authorized by the assent of two-thirds of the membership.

Thank you for your considering our request to allow for two requests for reimbursement, rather than one. This would allow everyone who has worked so hard at the LPSNRD, Clark & Enersen and our RHPA members to get this project completed. Come later this fall, we can then all celebrate a job well done!

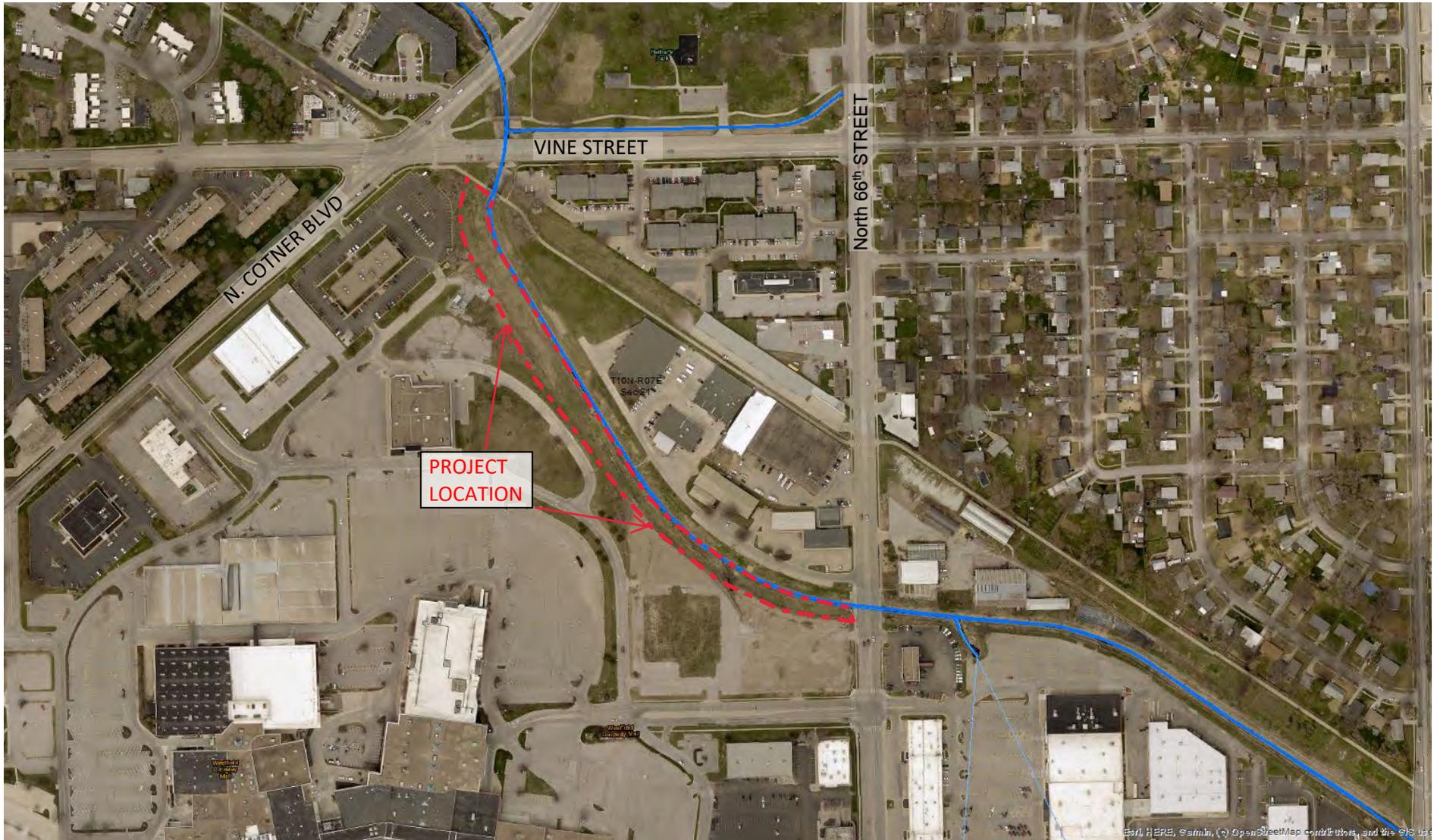
Respectfully,

*Mary Furnas*

Mary Furnas, President  
Rolling Hills Park Association / HOA  
1816 Trelawney Dr.  
Lincoln, NE 68512  
402-770-8967  
[furnas.rollinghillspark@gmail.com](mailto:furnas.rollinghillspark@gmail.com)

# Dead Mans Run Stream Bank Repair Left Bank - 66<sup>th</sup> to Vine Street

C





October 2, 2023

Mr. Mark Lindemann, District Engineer  
Lower Platte South Natural Resources District  
3125 Portia St  
Lincoln, NE 68521

RE: Proposal for Deadmans Run Bank Stabilization Repair Project – Construction Administration Assistance

Dear Mark:

Thank you for the opportunity to submit this proposal to provide construction administration assistance services for the Deadmans Run Bank Repair and Stabilization project between 66<sup>th</sup> Street and Vine Street in Lincoln. This agreement follows Felsburg Holt & Ullevig's design engineering for the project. It outlines services to assist with preparation of final bid documents, final permitting, bid assistance, construction administration assistance and project close-out.

Our scope of services and associated fees for the construction administration assistance services are as follows:

## Scope of Work

### I. Description of Tasks

The tasks for this project are as follows:

#### ***Task 1) Project Management and Meetings***

##### **Task 1.1 Project Management**

The ENGINEER shall monitor progress and schedule and facilitate coordination with the LPSNRD; prepare monthly invoicing with estimated percentage of work complete; prepare monthly progress reports; scope, schedule, and budget tracking; provide staffing management and contract administration; maintain communication with the Lower Platte South Natural Resources District (LPSNRD); maintain Quality Control; provide monthly project schedule updates and any explanations if not on schedule or budget. We have assumed a project duration of nine months for this task.

#### ***Task 2) Bid Letting Documents***

##### **Task 2.1 Address Final Review Comments**

Comments or changes from the Final submittal will be addressed in this contract plan set.

##### **Task 2.2 Assemble, Seal and Submit Bid Documents**

The ENGINEER will seal civil site plan sheets and coordinate with the design team to assemble and submit bid-ready documents for LPSNRD.

### ***Task 3) Final Environmental Permitting Services***

#### **Task 3.1 Final Agency Coordination & Floodplain Permit**

The ENGINEER will coordinate with LPSNRD, the U.S. Army Corps of Engineers (Corps) as needed, and as needed regarding Nebraska Department of Environment and Energy (NDEE) stormwater documentation.

In addition, a floodplain permit application will be completed and submitted to the City of Lincoln.

Assumption:

- Since the repair and stabilization disturbs less than an acre, this scope assumes a SWPPP and Post-Construction Stormwater Management Plan will not be required.

### ***Task 4) Bid Assistance***

#### **Task 4.1 Address Addenda**

The ENGINEER will answer contractor questions and prepare up to two (2) addenda in advance of the bid letting.

#### **Task 4.2 Evaluate Bids**

The ENGINEER will provide assistance in the review and evaluation of bids and provide a recommendation letter upon request.

### ***Task 5) Construction Administration Assistance Services***

#### **Task 5.1 Pre-Construction Meeting**

The ENGINEER will attend a pre-construction meeting at a location to be determined by the LPSNRD.

#### **Task 5.2 Submittals Review**

The ENGINEER will review up to three (3) shop drawing submittals related to the project.

#### **Task 5.3 RFIs**

The ENGINEER will review and respond to up to two (2) contractor RFIs related to the project.

#### **Task 5.4 Change Requests**

The ENGINEER will review and respond to one (1) change request related to the project.

#### **Task 5.5 Plan Revisions**

The ENGINEER will provide one (1) plan revisions based on RFIs and change requests. It is assumed that the request is in line with the hours projected for the task.

**Task 5.6 Construction Observation**

FHU has included time for site observation of key site features and project milestones including, but not limited to, concrete pours and flume, headwall, and apron construction, bench grading and coir log installation, and erosion control features. Visits to the site during the construction phase are included for the purpose of observing the progress and evaluating general conformance with the plans. Our hours are estimated based on three (3) hours of time average per visit day and assuming that out of the 43 working days allowed, we will need to visit the site 15 times.

It is assumed that any necessary attendance at construction meetings will be concurrent with these construction observation visits.

**Task 5.7 Process Monthly and Final Pay Requests**

Upon request, the ENGINEER will assist in the review of work progress and contractor’s payment applications for project related items. There are 4 hours assumed for this task.

**Task 5.8 Substantial and Final Walk Through**

The ENGINEER will attend a project walk through at the time of substantial completion, assist in the development of a punch list for construction related items, and attend a final walk through to verify that punch list items have been addressed.

**Task 5.9 Record Drawings (Civil Site Plans)**

The ENGINEER will assist in the preparation of record drawings for civil site plan sheets using information provided by others.

**Project Schedule and Fees**

FHU proposes to conduct the tasks on a time and expense basis withing the following schedule and fees:

**A. Project Schedule**

The following schedule has been provided for the project:

<i>Final Bid Plans &amp; Documents to LPSNRD</i>	<i>Late October 2023</i>
<i>Advertise Project</i>	<i>Early November 2023</i>
<i>Bid Opening</i>	<i>Early December 2023</i>
<i>Pre-Construction Meeting</i>	<i>Late January 2024</i>
<i>Construction Observation</i>	<i>February - May 2024</i>
<i>Substantial and Final Walk-Through</i>	<i>April - May 2024</i>
<i>Record Drawings and Closeout</i>	<i>May - June 2024</i>

The schedule assumes Notice-to-Proceed by October 23, 2023.

**B. Project Fees**

We propose to bill for our services on the basis of hourly charge rates plus reimbursable expenses incurred not to exceed the costs in the following table:

<i>Task 1) Project Management and Meetings</i>	<i>\$2,700.00</i>
<i>Task 2) Bid Documents</i>	<i>\$2,565.00</i>
<i>Task 3) Final Environmental Permitting</i>	<i>\$2,510.00</i>
<i>Task 4) Bid Assistance</i>	<i>\$2,770.00</i>
<i><u>Task 5) Construction Administration Assistance</u></i>	<i><u>\$19,010.00</u></i>
<i>Total Fees</i>	<i>\$29,555.00</i>

**II. Additional Assumptions**

The following additional assumptions have been made in the development of this scope.

- Additional services will be billed hourly.

This amount would be established as a “not to exceed” limit beyond which no charges could be made without your prior approval.

A breakdown of fees and hours allotted for each of the Project Tasks is outlined in Exhibit A, attached.

Under this agreement, we are compensated on an hourly basis for all labor. Additional services that are required outside the Scope of Work, such as additional meetings, design, plan changes, or coordination would be performed on a time and materials basis using the hourly rates. Additional work would not be performed without written authorization from the LPSNRD.

Direct expenses incurred on this project will be charged at cost. These may include items such as reproduction charges, postage, telephone, etc. Vehicle usage will be charged at the current Federal rate at the time of usage.

**Non-Discrimination**

Provider shall not, in the performance of this Agreement, discriminate or permit discrimination in violation of federal or state laws or local ordinances because of race, color, creed, religion, sex, marital status, sexual orientation, gender identity, age, or disability as recognized under 42 USCS 12101 et seq.

If the scope of services, attached standard contract provisions, and contract amount are acceptable, please sign in the space provided below and on Exhibit B Letter Agreement Standard Provisions. Please return a signed copy of this contract proposal for our files. If you have any questions about this proposal, please reach out to Dave Lampe at (402) 810-6261, [dave.lampe@fhueng](mailto:dave.lampe@fhueng) or Jodi Kocher at (402) 858-3284, email [jodi.kocher@fhueng.com](mailto:jodi.kocher@fhueng.com).

October 2, 2023  
Lower Platte South Natural Resources District  
Deadmans Run Bank Stabilization Repair – Bid/Construction Services Assistance  
Page 5

Sincerely,

**FELSBURG HOLT & ULLEVIG**



\_\_\_\_\_  
Accepted By

Dave Lampe  
Principal/Co-Project Manager

\_\_\_\_\_

\_\_\_\_\_  
Title



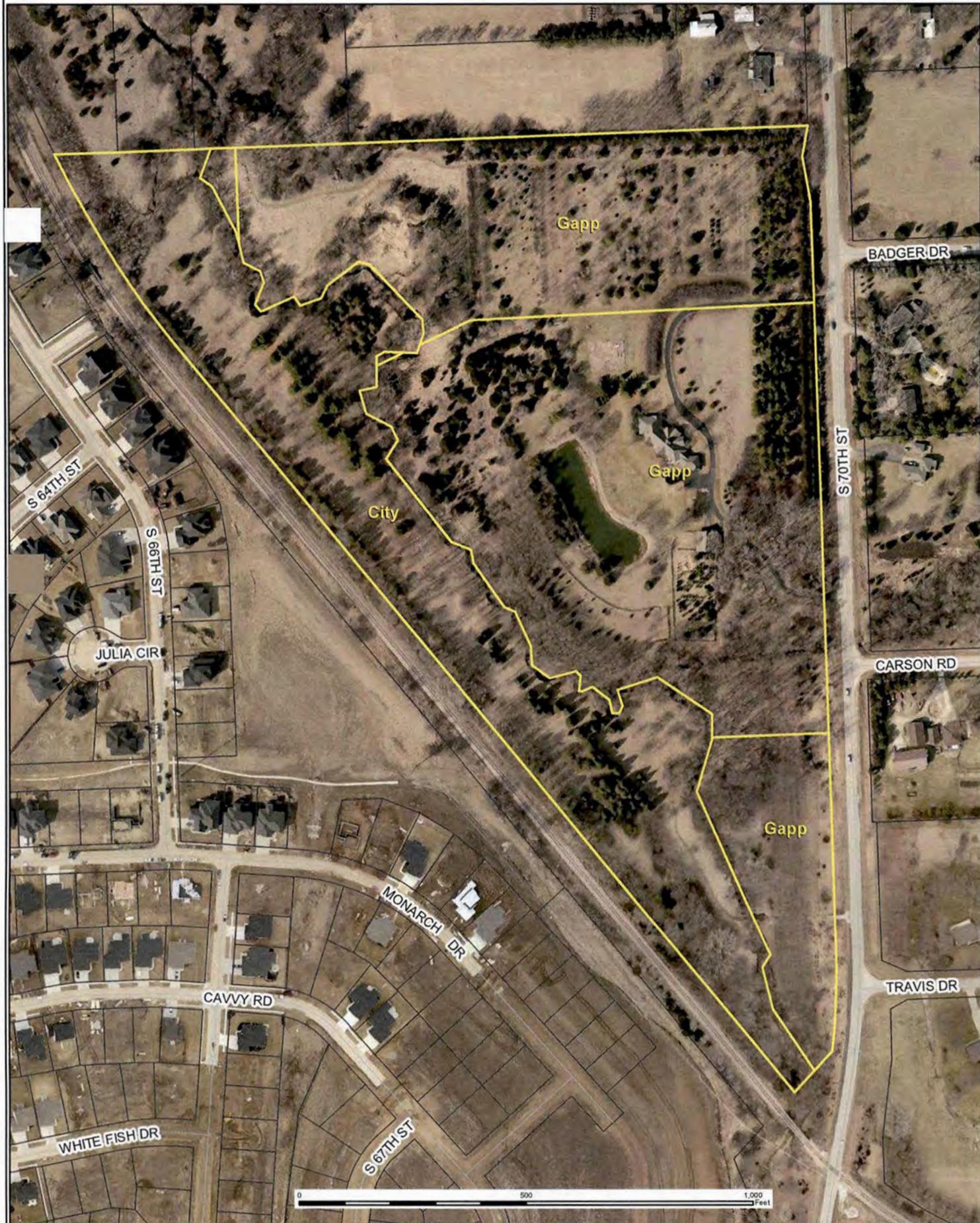
Jodi Kocher  
Senior Engineer/Co-Project Manager

\_\_\_\_\_  
Date

# Exhibit A

LOWER PLATTE SOUTH NRD																				
Deadmans Run Bank Repair Project - 66th to Vine Street, Left Bank																				
PRIME - Felsburg Holt and Ullevig				Felsburg Holt and Ullevig																
SUB # 1 -				TASK TOTAL	TASK TOTAL	PRIME TASK TOTAL	PRIME TASK TOTAL	Project										Admin	Direct Expenses	
SUB # 2 -								Principal / Sr Engr	Manager/ Sr Engr	Engineer III	Engineer II	Sr Enviro Scientist	Enviro Scientist IV	Enviro Scientist I						
SUB # 3 -																				
SUB # 4 -																				
				\$	HRS	\$	HRS													
<b>TASK 1 Project Management</b>																				
1.1	Project Management (9 months)			\$2,700	12	\$2,700	12		12											
	Task Hours				12		12	0	12	0	0	0	0	0	0	0	0	0	0	
	Task Fee			\$2,700		\$2,700		\$0	\$2,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>TASK 2 Bid Letting Documents</b>																				
2.1	Address Final Review Comments			\$805	5	\$805	5		1	4										
2.2	Assemble, Seal and Submit Bid Documents			\$1,760	9	\$1,760	9	1	4	4										
	Task Hours				14		14	1	5	8	0	0	0	0	0	0	0	0	0	
	Task Fee			\$2,565		\$2,565		\$280	\$1,125	\$1,160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>TASK 3 Final Environmental Permitting Services</b>																				
3.1	Final Agency Coordination & Floodplain Permit			\$2,510	14	\$2,510	14		2	8		4								
	Task Hours				14		14	0	2	8	0	4	0	0	0	0	0	0	0	
	Task Fee			\$2,510		\$2,510		\$0	\$450	\$1,160	\$0	\$900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>TASK 4 Bid Assistance</b>																				
4.1	Address Addenda (2)			\$1,310	7	\$1,310	7	1	2	4										
4.2	Evaluate Bids			\$1,460	6	\$1,460	6	2	4											
	Task Hours				13		13	3	6	4	0	0	0	0	0	0	0	0	0	
	Task Fee			\$2,770		\$2,770		\$840	\$1,350	\$580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>TASK 5 Construction Administration Assistance Services</b>																				
5.1	Pre-construction Meeting			\$1,460	6	\$1,460	6	2	4											
5.2	Submittals Review (3)			\$1,030	6	\$1,030	6		2	4										
5.3	RFIs (2)			\$1,460	6	\$1,460	6	2	4											
5.3	Change Requests (1)			\$1,030	6	\$1,030	6		2	4										
5.4	Plan Revisions (1)			\$1,610	10	\$1,610	10		2	8										
5.5	Construction Observation (3 hrs x 15 days)			\$6,685	45	\$6,685	45		2	43										
5.6	Process Monthly (4) and Final Pay Requests (1)			\$2,040	10	\$2,040	10	2	4	4										
5.7	Substantial and Final Walk Through			\$1,805	8	\$1,805	8	3	3	2										
5.8	Record Drawings			\$1,890	11	\$1,890	11	1	2	8										
	Task Hours				108		108	10	25	73	0	0	0	0	0	0	0	0	0	
	Task Fee			\$19,010		\$19,010		\$2,800	\$5,625	\$10,585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>TOTAL</b>																				
	Hours				161		161	14	50	93	0	4	0	0	0	0	0	0	0	
	Fee			\$29,555		\$29,555		\$3,920	\$11,250	\$13,485	\$0	\$900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

### Beal Slough - Gapp Project at S 70th St



Map By: Lower Platte South NRD, sdr - November 2019 - Sources: City of Lincoln/Lancaster County; Lower Platte South Natural Resources District

# CONSTRUCTION OBSERVATION REPORT



16253 Swingley Ridge Road, Suite 100  
Chesterfield, Missouri 63017, (636) 777-3000

<b>PROJECT NAME:</b> Beal Slough 70 <sup>th</sup> to Pine	<b>JOB NO.</b> 1922
<b>LOCATION:</b> Beal Slough from S 70 <sup>th</sup> St to Pine Lake Rd , Lincoln, NE	<b>DATE:</b> 2022-08-16
<b>TIME ARRIVED:</b> 2:00 pm	<b>TIME DEPARTED:</b> 4:00 pm
<b>TEMP:</b> Mid 70 degrees	<b>WEATHER:</b> Cloudy
<b>CONTRACTOR:</b> High Plains Enterprises	

**On Site:**

Mark Meyer – Intuition & Logic	Jared Nelson – City of Lincoln
Mike Murren – Lower Platte South NRD	Thomas Gapp – Land Owner
Mark Lindemann – Lower Platte South NRD	

**Work in Progress:** None

**Observations:** Planting Survival.

**Observation Measurements Table:**

The approach to measuring plant survival was to count observed living and dead livestakes in representative areas. Mark Meyer performed the counts by walking through the planted areas from the top of bank to the flowline and counting each living and dead livestake observed. In addition to sample counts, the site visit team generally observed plant survival at each structure location and was conscientious about performing plant counts only in locations that represented the general observed plant survival conditions.

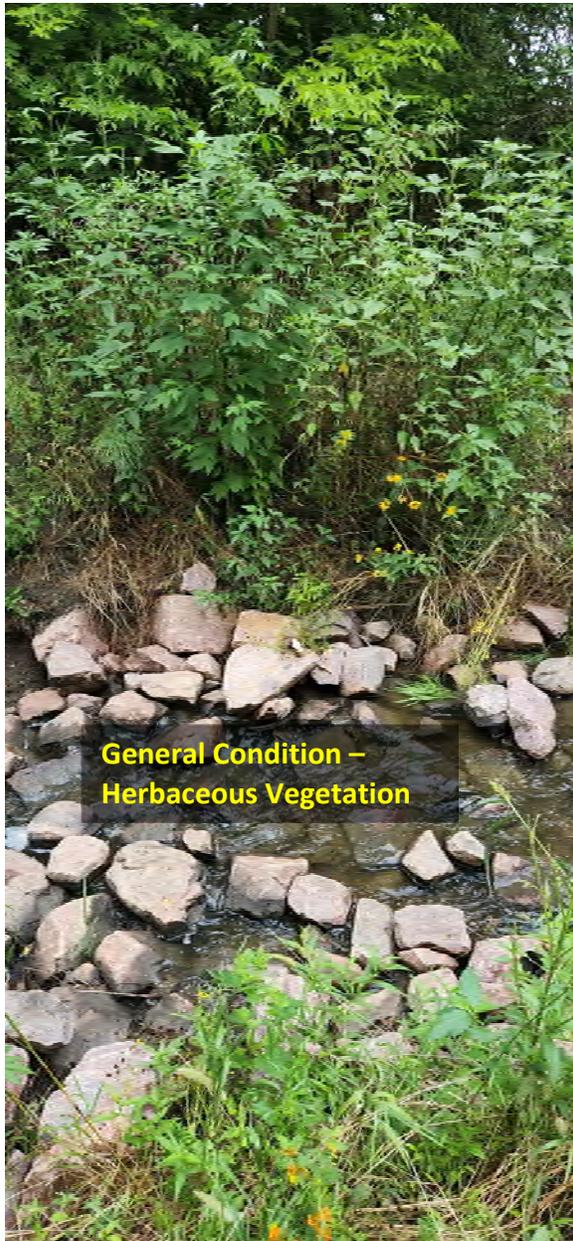
Location	Dead Livestakes Observed	Living Livestakes Observed	Does Plan Survival Meet Specifications (Yes/No)	Notes
VRLS - 18	9	2	NO	18% Survival.
VRLS - 17	9	0	NO	0% Survival.
VRLS - 16	10	3	NO	23% Survival.
VRLS - 15	11	1	NO	8% Survival.
VRLS – 14 VRLS – 13			NO	Very low livestake survival observed. No sample count taken.
VRLS – 12 VRLS – 11	10	3	NO	23% Survival.
VRLS – 10 VRLS - 9	8	4	NO	33% Survival.
VRLS – 7 VRLS - 8	35	20	NO	36% Survival. Small area of good survival noticed on RDB upstream half, lower bank at flowline.
VRLS – 6 VRLS - 5			NO	Very low livestake survival observed. No sample count taken.
VRLS - 4 VRLS - 3	12	3	NO	20% Survival. Very low livestake survival observed. No sample count taken.
VRLS - 2	11	10	NO	48% Survival. Lower survival on top of bank
VRLS - 1			NO	Very low livestake survival observed. No sample count taken.

# CONSTRUCTION OBSERVATION REPORT

Location	Dead Livestakes Observed	Living Livestakes Observed	Does Plan Survival Meet Specifications (Yes/No)	Notes
Access				Access route fabric netting appears not biodegradable

**Action Items:** replant livestockes per plans and specifications.

**Photos:** There were 23 photos taken during this site visit. All photos available upon request.



VRLS – 17 (top) and VRLS – 18 (bottom)

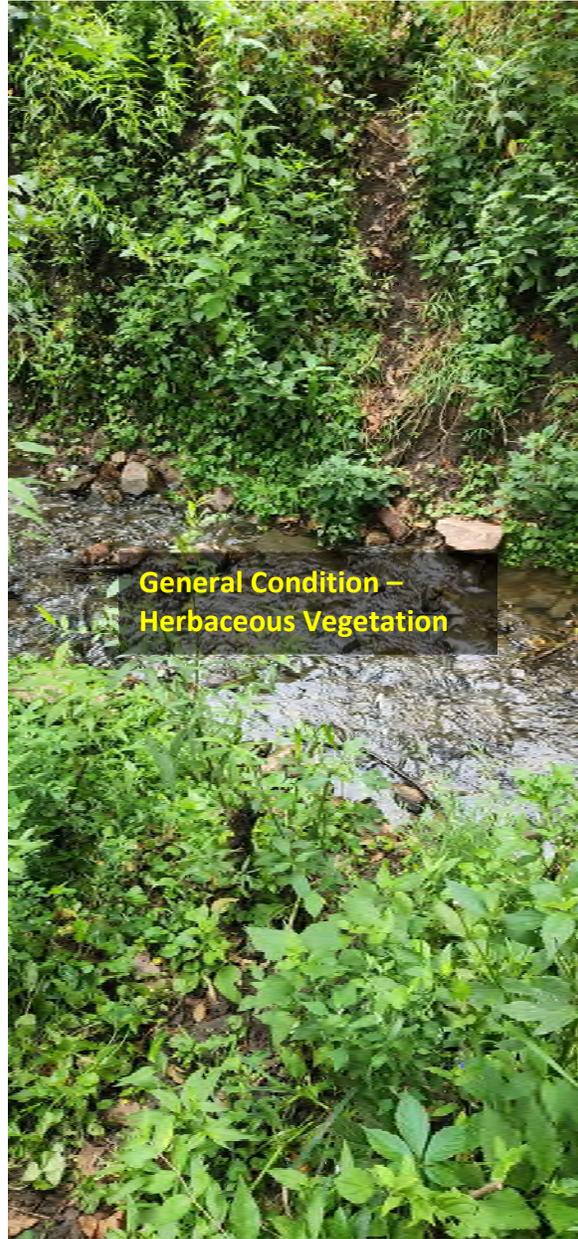


VRLS – 18

# CONSTRUCTION OBSERVATION REPORT



VRLS – 15 (left) and VRLS – 13 (right)



VRLS – 9 (top) and VRLS – 10 (bottom)

# CONSTRUCTION OBSERVATION REPORT



VRLS 8 – Living Livestake

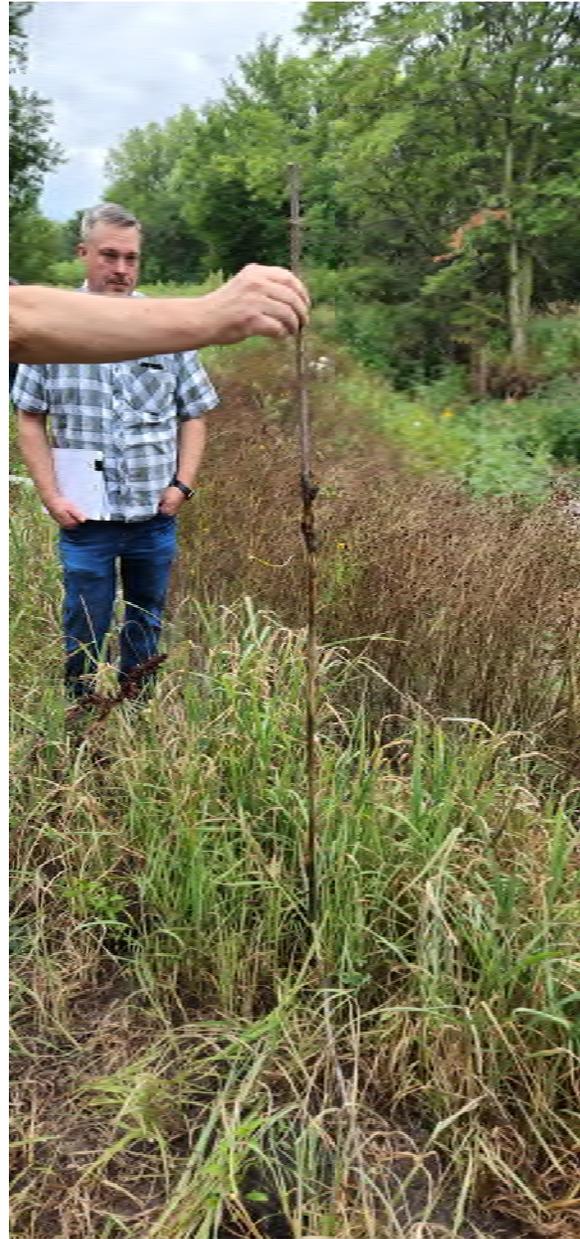


VRLS 8 – Dead Livestake

# CONSTRUCTION OBSERVATION REPORT



VRLS 8 – Area of Living Livestakes



VRLS 2 – pulled Dead Livestake out of ground

## CONSTRUCTION OBSERVATION REPORT



Fabric netting does not appear to be degrading

**Attachments:** None

**Report By:** Mark Meyer

The above is an accurate and complete representation of the conversations and observations to the best of my knowledge. If there are corrections or revisions, please send them to me as soon as possible and I will circulate a revised report. Please submit all corrections and revisions in writing to [mark@ilincworld.com](mailto:mark@ilincworld.com).

# CONSTRUCTION OBSERVATION REPORT



16253 Swingley Ridge Road, Suite 100  
Chesterfield, Missouri 63017, (636) 777-3000

<b>PROJECT NAME:</b>	Beal Slough 70 <sup>th</sup> to Pine	<b>JOB NO.</b>	1922
<b>LOCATION:</b>	Beal Slough from S 70 <sup>th</sup> St to Pine Lake Rd , Lincoln, NE	<b>DATE:</b>	2023-08-22
<b>TIME ARRIVED:</b>	2:00 pm	<b>TIME DEPARTED:</b>	4:30 pm
<b>TEMP:</b>	100+ degrees	<b>WEATHER:</b>	Sunny
<b>CONTRACTOR:</b>	High Plains Enterprises		

**On Site:**

Mark Meyer – Intuition & Logic Engineering	Thomas Gapp – Land Owner
Jenna Stombaugh – Intuition & Logic Engineering	Mark Smith - High Plains Companies
Mike Murren – Lower Platte South NRD	Tom Scharfen – Eagle Nursery
Mark Lindemann – Lower Platte South NRD	

**Work in Progress:** None

**Observations:** Planting Survival.

**Observation Measurements Table:**

The approach to measuring plant survival was to count observed living and dead livestakes. Mark Meyer performed the counts by walking through the planted areas and counting each living and dead livestake observed. Mark was conscientious about counting all visible living livestakes.

Location	Number of Livestakes Planted	Living Livestakes Required for 80% Survival	Living Livestakes Observed	Living Livestakes Observed / Living Livestakes Required	Dead Livestakes Observed	Living Livestakes Observed / total Livestakes Observed	Does Observed Plant Survival Meet Specifications (Yes/No)
VRLS - 18	228	182	15	8%	66	19%	NO
VRLS - 17	225	180	12	7%	24	33%	NO
VRLS - 16	78	62	8	13%	20	29%	NO
VRLS - 15	88	70	2	3%	11	15%	NO
VRLS - 14	15	12	0	0%	0	0%	NO
VRLS - 13	68	54	2	4%	13	13%	NO
VRLS - 12	100	80	3	4%	9	25%	NO
VRLS - 11	70	56	6	11%	0	100%	NO
VRLS - 10	31	24	2	8%	18	10%	NO
VRLS - 9	17	13	5	38%	3	63%	NO
VRLS - 8	420	336	22	7%	34	39%	NO
VRLS - 7	258	206	8	4%	23	26%	NO
VRLS - 6	58	46	2	4%	0	100%	NO
VRLS - 5	31	24	0	0%	0	0%	NO
VRLS - 4	99	79	6	8%	10	38%	NO
VRLS - 3	127	101	8	8%	0	100%	NO

## CONSTRUCTION OBSERVATION REPORT

Location	Number of Livestakes Planted	Living Livestakes Required for 80% Survival	Living Livestakes Observed	Living Livestakes Observed / Living Livestakes Required	Dead Livestakes Observed	Living Livestakes Observed / total Livestakes Observed	Does Observed Plant Survival Meet Specifications (Yes/No)
VRLS - 2	105	84	10	12%	8	56%	NO
VRLS - 1	100	80	6	8%	8	43%	NO
<b>TOTAL =</b>	<b>2118</b>	<b>1689</b>	<b>117</b>		<b>247</b>		

In general, the number of observed living livestock is significantly less than the number required to meet the plant survival specification.

**Photos:** There were 46 photos taken during this site visit. All photos available upon request.



# CONSTRUCTION OBSERVATION REPORT

**Report By:** Mark Meyer

The above is an accurate and complete representation of the conversations and observations to the best of my knowledge. If there are corrections or revisions, please send them to me as soon as possible and I will circulate a revised report. Please submit all corrections and revisions in writing to [mark@ilincworld.com](mailto:mark@ilincworld.com).