



LOWER PLATTE SOUTH natural resources district

3125 Portia Street | P.O. Box 83581 • Lincoln, Nebraska 68501-3581

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Memorandum

Date: May 15, 2020
To: Urban Subcommittee
From: Jared Nelson, District Engineer
Subject: Urban Subcommittee Meeting Minutes – May 2020

The Urban Subcommittee met at 5:30pm, on Wednesday, May 13, 2020, in a virtual 'GoTo' meeting to review, discuss and take action on two items. Subcommittee members present included Mike DeKalb, Karen Amen, Robert Andersen, Tom Green, Greg Osborn, Milt Schmidt and Ray Stevens. Members absent included Anthony Schutz. Others present included Larry Ruth, Paul Zillig, Dave Potter, Mike Murren, Al Langdale, Tracy Zayac, and Jared Nelson. Director DeKalb called the meeting to order at 5:30, gave a brief welcome, and reviewed the agenda. See attachments for supporting information. The following contains a summary of the meeting:

(a.) Consideration of Salt Creek Pipe Replacement below Charleston St Bridge (STA 234+77L). – Al Langdale, staff, described how a corrugated metal pipe (CMP) which outfalls through the left bank of Salt Creek, just downstream of old Charleston Street bridge, has corroded through. He described how staff previously identified this issue and has funds budgeted for engineering and design of a replacement. JEO Consulting Group confirmed it needs replacement due to deterioration and has provided a proposal for design, permitting, bidding services, and construction administration/observation. The Subcommittee will consider, the professional services agreement from JEO, for an amount not to exceed \$23,220, for the Salt Creek Pipe Replacement below Charleston St Bridge project.

It was moved by Stevens, seconded by Osborn, and unanimously approved by the Subcommittee to recommend that the Board of Directors approve the Professional Services Agreement with JEO Consulting Group, for the Salt Creek Pipe Replacement below Charleston St Bridge Project, in an amount not to exceed \$23,220, pending legal counsel review.

(b.) Consideration of the Fiscal Year 2020 - 2021 Work Plan for the Interlocal Agreement on Stormwater Management. – Jared Nelson, staff, explained how the City of Lincoln and NRD have put into place an interlocal agreement to list activities the entities cooperate on, and that each year, the City and NRD take up a Work Plan which describes specific activities for the upcoming year. Nelson described the activities this year are very similar to the past, and then discussed the following specific activities which are new this year: One paragraph (#12) includes the following construction project which is different: *Beal Slough MP, Larson Park water quality wetland project rehabilitation*. Two paragraphs (#9 and #16) include the following planning activities which are different: *Flood Mitigation Master Plan*, and *Little Salt Creek Watershed Plan*. Finally, one paragraph (#7) contains the following newly identified activities related to the Deadmans Run Flood Reduction Project:

- i. Hydrologic and hydraulic updates to Corps modeling for future floodplain re-mapping, bridge design, basin design, and channel & flume design.

- ii. Preliminary engineering design of RR bridge option.
- iii. Railroad engineering review of proposed improvements.

As it relates to Deadmans Run Flood Reduction project, Amen asked if discussions with the railroads are occurring more regularly now, with the bridge option now was being mentioned (item “ii” above). Staff responded that yes, there have been more productive discussions occurring with the railroad, and they are considering the proposed flume but are also exploring if they would want to build a bridge; the railroad has requested preliminary costs of a bridge option as part of these discussions. Nelson also described (related to “iii” above) that BNSF requires outside parties pay for an engineering review of any improvements proposed at their property which will be needed for the Deadmans Run project. Osborn asked if we were done with hydrologic and hydraulic modeling (related to item “i” above). Nelson responded that our consultant, FYRA, discovered errors in the USACE’s initial modeling and we’re working with USACE to make updates to the modeling, to ensure the project will reduce the risk of flooding and remove the FEMA floodplain designation to the greatest extent. It was also discussed that the modeling updates include the task of floodplain remapping, which is a project component that needs to be done. Amen asked about the term ‘removal of houses from the floodplain’ and discussion with the group noted the houses will not be physically removed; instead the project will remove the FEMA floodplain designation in certain areas, so fewer houses would no longer be mapped within the floodplain.

It was moved by Dekalb, seconded by Stevens, and unanimously approved by the Subcommittee to recommend that the Board of Directors approve the Fiscal Year 2020 - 2021 Work Plan for the Interlocal Agreement on Stormwater Management, with the City of Lincoln. .

(c.) Reports. – Below is a list of Reports given and a brief summary of updates given:

- 1. Deadmans Run Flood Reduction Project Design/Modeling
In addition to the updates provided above with the Workplan, Nelson and Zillig gave an update of the Flume model UNL began constructing, which is currently on hold due to COVID-19.
- 2. Community Assistance Program
Tracy Zayac, staff, referred to her attached Memo and gave status updates of Community Assistance Program projects.
- 3. Beal Slough Stream Stability Project, Pine Lake to 70th
Mike Murren, staff, provided an update of this project and referred to the attached ROW map. Construction is planned to occur this year and before the City Parks Department builds their planned trail. He also reported a construction estimate cost of about \$600,000, and a more expensive and aesthetically pleasing option using ledgestone would cost an additional \$100,000. Murren will be checking if the City wants to pay for the additional expense. Dekalb asked if this option uses a different footprint, and staff responded it would not. Finally, Murren and Zillig described that we will be hiring a third party to work on landrights, and that landowners will be contacted soon to begin discussions of landrights need for this project.
- 4. Salt Creek Levee USACE PL 84-99 Repair Project
Langdale reported progress of this project continues, but is slower than what the USACE and we would like to see; the contractor is reporting troubles of hiring staff.
- 5. Salt Creek Resiliency Study
Zillig reported this study is largely done, but with COVID-19, the next step of conducting public meetings is currently on-hold, but may hopefully occur later this summer, with NRD Board taking it up after that.

Enclosures (4)



**AGREEMENT
BETWEEN OWNER AND ENGINEER
FOR
PROFESSIONAL SERVICES**

THIS IS AN AGREEMENT effective as of May 20, 2020 ("Effective Date") between Lower Platte South Natural Resources District ("Owner") and JEO Consulting Group, Inc. ("Engineer").

Owner's project, of which Engineer's services under this Agreement are a part, is generally identified as follows:

Salt Creek Pipe Replacement ("Project").

JEO Project Number: 200755.00

Owner and Engineer further agree as follows:

ARTICLE 1 - SERVICES OF ENGINEER

1.01 Scope

- A. Engineer shall provide, or cause to be provided, the services set forth herein and in Exhibit A.

ARTICLE 2 - OWNER'S RESPONSIBILITIES

2.01 Owner Responsibilities

- A. Owner responsibilities are outlined in Section 3 of Exhibit B.

ARTICLE 3 - COMPENSATION

3.01 Compensation

- A. Owner shall pay Engineer as set forth in Exhibit A and per the terms in Exhibit B.
- B. The hourly not-to-exceed fee for the Project is: \$23,220
- C. The Standard Hourly Rates Schedule shall be adjusted annually (as of approximately January 1st) to reflect equitable changes in the compensation payable to Engineer. The current hourly rate schedule can be provided upon request.

ARTICLE 4 - EXHIBITS AND SPECIAL PROVISIONS

4.01 Exhibits

Exhibit A – Scope of Services

Exhibit B – General Conditions

4.02 Total Agreement

- A. This Agreement (consisting of pages 1 to 2 inclusive, together with the Exhibits identified as included above) constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement.

Owner:

Lower Platte South NRD

By: _____

Title: _____

Date Signed: _____

Address for giving notices:

Engineer:

JEO Consulting Group, Inc.

By: Ross Lawrence 

Title: Project Manager

Date Signed: May 8, 2020

Address for giving notices:

JEO Consulting Group, Inc.

2700 Fletcher Ave

Lincoln, NE 68504

Scope of Services
Lower Platte South NRD – Salt Creek Pipe Replacement
JEO Project No. 200755.00

Project Understanding:

JEO proposes to provide engineering services to assist the Lower Platte South NRD (Owner) with design, permitting, and construction services for replacement of one (1) existing stormwater drainage structure along Salt Creek near Oak Lake Park in Lincoln, NE. The existing structure consists of a manhole and a broken back corrugated metal pipe (CMP) culvert that drains to Salt Creek. This structure, installed in the early 1980s, needs replacement due to aging and deterioration as noted by NRD Staff and in TV inspection by Ace Pipe Cleaning from 2016. It is our understanding the existing pipe is outside of the Salt Creek Levee System and is on property that is operated and maintained by the NRD outside of the City of Lincoln street right-of-way (ROW).

The attached map shows the structure location. The existing CMP culvert and manhole will be removed to the point of connection to city owned concrete pipe sections and replaced with a new manhole and CMP or reinforced concrete pipe (RCP). Design drawings and specifications will be sealed and signed by a professional engineer and associated permits will be obtained. JEO has existing topographic data from previous system-wide projects that will be utilized to save the District time and money. The existing data will be reviewed against current site conditions during an inspection to assure the data is still accurate.

Scope of Services:

JEO proposes to provide the following Scope of Services

Task 1 – Project Management and Design

Task 1.1 Project Management

- Perform routine project management tasks
- Prepare and update a project schedule
- Prepare progress reports
- Communicate with Owner's representative to collaborate and collect data and key input, outside of formal meetings

Task 1.2 – Design

- Prepare engineering design drawings. Drawings are anticipated to include:
 - o Topographic survey information
 - o Existing site plan
 - o Pipe plan and profile
 - o Survey control
 - o Details and typical cross sections
- Develop budgetary quantities and opinions of construction cost
- Develop 60% design drawings and opinion of cost

Exhibit A

- Submit 60% design documents to owner for review and meet with Owner's representative at the project site to review 60% draft design documents
- Incorporate 60% review comments into development of 95% design drawings, specifications complete with bidding and contract documents and opinion of cost
- Submit 95% design documents to owner for review
- Incorporate 95% review comments and internal QA/QC into development of final documents (drawings, specifications, opinion of cost, and contract documents) signed and sealed by a professional engineer registered in the State of Nebraska.

Meetings:

- Attend one (1) plan in hand site meeting to review 60% design documents

Task Deliverables:

- Project schedule
- Project invoices
- Meeting support material
- Draft (60%) design drawings and cost opinion
- Draft (95%) design drawings, specifications, and cost opinion
- Final design drawings, specifications, and cost opinion

Key Understandings/Assumptions:

- Project invoices will be provided monthly
- Geotechnical exploration/testing is not included
- Changes to pipe size or other modifications are not anticipated. Design does not include any flow calculations; pipe capacity, hydrology, hydraulics, etc. If desired, an amendment to this Scope of Services will be necessary.
- No modifications will be made to City of Lincoln owned facilities and City reviews will be limited to floodplain permitting
- Design, specifications, and bid documents will be for one bid package

Task 2 – Permitting

Task 2.1 – Floodplain

- JEO will prepare a floodplain development permit application and the necessary supporting information and will submit to the City of Lincoln/Lancaster County Building & Safety Department
- The project improvements are within a regulatory floodway and will require a 'no-rise certification'

Task 2.2 – U.S. Army Corps of Engineers (USACE) Section 404

- Perform a wetland delineation in accordance with the 1987 USACE Wetlands Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0)

Exhibit A

- Compile and analyze field data and prepare a wetland delineation report that includes:
 - o Site Map
 - o Summary of desktop review
 - o Identification and mapping boundaries for all recorded Waters of the U.S. (WOUS) and wetlands
 - o Calculation of acreage of, and impacts to, WOUS, including wetlands (to the nearest 0.01 acre)
 - o Photographs of each sample point and all WOUS, including wetlands
 - o USACE Wetland Determination Data Forms
- Prepare and submit preliminary coordination letters to the U.S. Fish and Wildlife Service (USFWS), Nebraska Game and Parks Commission (NGPC), and History Nebraska that summarize the results of the wetland delineation and request effect determinations and project guidance, as appropriate.
- Prepare and submit a pre-construction notification (i.e. permit application) packages to the USACE to obtain a Section 404 authorization via Nationwide Permit (NWP)
- Although it is anticipated that permanent, unavoidable impacts to WOUS would be less than 0.1 acre, thus avoiding the requirement for compensatory mitigation, this may change based on the results of the wetland delineations and project design

Meetings:

- None

Task Deliverables:

- Floodplain development permit application
- Wetland delineation and report
- Section 404 permit application

Key Understandings/Assumptions:

- It will not be necessary to prepare a hydraulic model to obtain a floodplain permit
- It will not be necessary to conduct flow calculations, capacity analysis, and delineate ponding areas
- NEPA will not be required
- Disturbed area will be less than 1.0 acre and therefore National Pollution Elimination System (NPDES) permitting will not be required
- The pipe replacement will not require a Section 408 submittal
- A City of Lincoln Right-of-Way Permit will not be required

Task 3 – Construction Services

Task 3.1 – Bidding and Advertising

- Assist the Owner in advertising and letting the project
- Prepare bidding documents and facilitate delivery to prospective bidders

Exhibit A

- Prepare forms for contract documents including proposals, advertisements for bids, construction contracts, and payment and performance bonds as required (subject to approval by Owner)
- Respond to questions from potential bidders
- Attend bid letting; attended by JEO Project Manager or Project Engineer

Task 3.2 – Construction Administration and Resident Project Representative (RPR)

- JEO will provide part-time RPR services to observe construction of the project. RPR services include:
 - o Facilitate a pre-construction meeting
 - o Review of the contractor's work for general compliance with the plans and specifications
 - o Review, coordinate, and document construction progress
 - o Complete field reports and collect photographs to document the work
- JEO will provide construction administration services including:
 - o Contractor and NRD coordination
 - o Review of shop drawings and material certifications
 - o Review of material testing results
 - o Review of payment requests
 - o Processing change orders, if needed
 - o Develop punch list
 - o Project close-out and substantial completion documentation

Task 3.3 – Survey Staking

- JEO will provide construction staking to establish reference points and the general layout of the work
- Staking of the proposed improvements will be completed during one trip

Task 3.4 – Post Construction

- JEO will assist the Owner during the 12-month warranty period with questions and coordination with the Contractor for warranty period correction items
- Issue 11-month warranty letter to the Owner and Contractor. Conduct field reviews of the project should a field inspection be necessary.
- Issue a warranty period correction letter to the Contractor for warranty repair items, if necessary

Task 3.5 – Project Closeout and O&M Addendum

- Preparation of as-built plans to accurately record as-constructed locations and elevations of features
- Compile construction correspondence and documentation
- Preparation of O&M addendum per USACE guidance
 - o The addendum is intended to cover all pertinent inspections, operations and maintenance procedures for the added or altered features and for other portions of the project that are impacted by these added or altered features. Details of the added or

Exhibit A

altered features will be summarized and accompanied by the as-built plans and specifications for submittal to USACE.

Meetings:

- Bid letting
- Pre-construction meeting
- Routine on-site meetings with the Contractor and Owner during construction
- One (1) punch list walk-through with Contractor and Owner
- One (1) final walk-through with the Contractor and Owner when construction is complete

Task Deliverables:

- Bid documents
- Bid recommendation
- Pre-Construction meeting agenda and notes
- Reviewed shop drawings
- Reviewed payment requests
- Change orders, if necessary
- Construction photos
- Punch list
- Certificate of Substantial Completion
- Record drawings
- O&M Addendum submittal

Key Understandings/Assumptions:

- There will be one bid package
- Assumes RPR and Construction Administration (Task 3.2) will be limited to 24 total hours
- Material testing and coordination, if needed, is the responsibility of the Contractor
- Board meeting attendance and/or progress updates are not included but can be added if desired
- If construction duration exceeds the anticipated schedule or additional oversight is needed, an amendment to the contract may be required and will be coordinated with the Owner

Project Fee

JEO proposes to perform the described services at an hourly not-to-exceed fee as included in the following schedule:

Task 1 – Project Management & Design.....	\$10,665
Task 2 – Permitting.....	\$3,885
Task 3 – Construction Services.....	\$8,670

Project Total \$23,220

Exhibit A

*The Project Fee schedule is an estimate of the fee distribution between tasks. JEO reserves the right to invoice in excess of the individual task amount, provided the total fee does not exceed the project total.

Project Schedule

The proposed project is expected to take approximately five (5) months upon receipt of Notice to Proceed. Project duration in excess of 5 months (beyond control of JEO) may require an amendment to the Scope of Services.

**FISCAL YEAR 2020-2021 Work Plan
For the Interlocal Agreement on Stormwater Management
May 2020**

1) NPDES Administration: The City of Lincoln (City) and the Lower Platte South Natural Resources District (NRD) will continue to explore enhancements to provide comprehensive, effective and consistent review, inspection, implementation and enforcement of National Pollutant Discharge Elimination System (NPDES) items, especially related to erosion and sediment control and Post Construction standards (i.e. water quality Best Management Practices). City is the lead agency.

- Cost share from the NRD is \$30,000

- Cost share from the City for current Erosion and Sediment Control staff is \$145,000

2) Regional Storage Facilities: The City and NRD will explore alternatives to study significant flood reduction projects where feasible with the cooperation of landowners and developers and to cooperate where practical and feasible with other entities to design and construct storage facilities. Once a funding mechanism is developed and facilities are built the NRD may operate and maintain the facilities in cooperation with City.

3) Ordinance and Standards Updating: The City and the NRD will examine the need to update the floodplain and stormwater standards and propose revisions as necessary. Such items may include updating the Lincoln Municipal Code, Drainage Criteria Manual, Lincoln Standard Plans, Lincoln Design Standards and Post Construction Standards.

- The cost share is \$5,000 each (City lead)

4) Legislative Issues and Grant Writing: The City and NRD will work with other agencies, communities, citizens and legislators to coordinate on state legislative and funding issues related to floodplain and stormwater.

5) Floodplain and Stormwater Education: The City and NRD will jointly work on public education and involvement programs to educate city staff, contractors, developers, engineers, and the public regarding floodplains, stormwater and the Salt Creek Levee system. The City will continue to provide floodplain information at public events, to potential home buyers and on our websites. Floodplain information will also be provided at public meetings or open houses for projects involving the floodplain for both the City and NRD. Both the City and NRD will continue to provide erosion and sediment control and Post Construction standards information to developers, builders, engineers and contractors during builder training and safety workshops. Training to city staff will continue to be provided during inspections and training workshops.

Information regarding erosion and sediment control, general stormwater items, stormwater quality and Post Construction standards will continue to be available to the general public on our websites. The NRD will continue to provide information to the public regarding Salt Creek Levee risk and awareness.

- The cost share from the NRD is \$5,000

- The cost share from the City is \$15,000 (City lead)

6) Water Quality Monitoring: The City will continue water quality monitoring and other stormwater monitoring as required. It is planned for the City to do dry weather monitoring for 2020 and this is the third year of wet weather monitoring for the proposed 2018-23 NPDES cycle where wet weather monitoring is being planned for years 2 –5.

- The cost share is \$10,000 each (City lead)

7) Master Plan Implementation: The City and the NRD will contribute toward improvement projects for Master Planned basins. These improvement projects are anticipated to include such projects as stream bed and bank stability measures, stormwater storage facilities, wetlands, floodplain preservation, engineering, easements and land acquisition as generally identified in and consistent with the goals in basin plans (e.g. Watershed Master/Basin Plans/Conservation Plans) approved by the City and NRD. The City and NRD will continue to develop a plan and schedule for design, right-of-way and implementation of projects.

Master Plan Implementation projects are anticipated to include some or all the projects and project areas listed below and may include additional projects to be developed jointly by the City and NRD during the Work Plan period. City funds are from stormwater bond funds.

- Deadmans Run Flood Reduction Project is a COE lead with NRD as the principal partner. This project involves an approximate \$14.5M federal project with a 35% local match, and a local project for approximately \$10M. Projected expenditures for FY20-21 include the following with the City and NRD sharing equally:

- \$200,000 for the local cost share on the federal project (NRD lead)
- \$50,000 for the flume physical model and study with UNL (NRD lead)
- \$175,000 for hydrologic and hydraulic updates to Corps modeling for future floodplain re-mapping, bridge design, basin design, and channel & flume design (NRD lead)
- \$60,000 for preliminary engineering design of RR bridge option (NRD coordinating with BNSF and RTSD)
- \$49,000 for railroad engineering review of proposed improvements (NRD coordinating with BNSF and RTSD)
- \$770,000 for engineering design on 33rd Street bridge and engineering design on 48th Street bridge (City lead)
- \$200,000 for future amendments for design on detention basin (NRD lead)
- \$500,000 for ROW appraisals and acquisitions (shared City/NRD responsibility)
- \$400,000 for engineering design on 38th Street bridge (NRD coordinating with UNL)
- total for Deadmans Run Flood Reduction project for this fiscal year is \$1,202,000 each.
- Salt Creek Stream Stability Project SSC #4 near Old Cheney. Construction started Fall 2019 (City lead), \$ \$403,000 each
- Little Salt Creek grade stabilization project #2, 14th and Little Salt Creek with Lancaster County (NRD lead), \$80,000 each
- Beal Slough stream stability project 70th to Pine Lake at Gapp Park. Construction start Fall 2020 (NRD lead), \$350,000 each
- Others as identified before or during this interlocal, with cost shares and the lead agency decided on a case by case basis

8) Other Projects: The City and the NRD will contribute toward improvement projects that are not included in an approved Stormwater Master Plans. These projects could include water quality, water quantity and/or floodplain projects. City funds are from stormwater bond funds.

- N. 56th Street & Morton Drainage Way construction. Construction started 2018 (City lead), \$70,000 each for the local 25% cost share
- Others as identified before or during this interlocal, with cost shares and lead agency decided on a case by case basis

9) Watershed Master Planning: The City and the NRD have finalized work on the drainage Master Plan studies for all creeks draining through Lincoln. The City and NRD will work on the Unified Watershed Master Plan for Lincoln.

- Cost share from the City and NRD is \$200,000 each (City lead)
- Salt Creek Resiliency Study initiated February 2019 (City lead), \$3,000 each
- Flood Mitigation Master Plan (City lead), \$45,000 each

10) Floodplain/Floodprone Easements and Projects: The City and the NRD will consider purchase of easements or fee title on floodplain/floodprone areas and other structural and nonstructural measures for flood control and preservation. The lead agency will be coordinated on a project by project basis.

- Any projects to be identified before or during this interlocal, with cost shares and the lead agency decided on a case by case basis

11) Flood Warning System: The NRD will cooperate with Lincoln and Lancaster County to operate and enhance the Salt Creek Flood Warning System.

- The cost share from the NRD is \$35,000 (lead agency)
- The cost share from the City is \$25,000

12) Watershed Best Management Practice Rehabilitation: The city and the NRD will continue to coordinate and provide services to rehabilitate public Best Management Practices and selected completed Master Plan Projects. Best Management Practices and selected completed Master Plan Projects for rehabilitation will be mutually coordinated between the City and NRD.

- Beal Slough MP, Larsen Park water quality wetland project rehabilitation. (City lead), \$75,000 each

13) Stormwater BMP Demonstration Projects: The City and the NRD will consider opportunities for demonstration projects of stormwater best management practices on a case-by-case basis with developers, non-profits, business or similar type entities and Rainscaping with individual owners.

- Rainscaping Lincoln, Sustainable Landscapes Cost Share Program, \$15,000 each (City lead)
- Any projects to be identified before or during this interlocal, with cost shares and the lead agency decided on a case by case basis

14) Watershed Master Plan Project Inspection, Operation & Maintenance: It is planned that the City and NRD will periodically inspect, operate, and maintain all completed Watershed Master Plan Projects, Best Management Practices and conservation easements. Also the City will provide funds to rehabilitate selected Best Management Practices and the NRD will provide

funds and services to keep selected Best Management Practices maintained over the course of the fiscal year.

- Cost share is \$25,000 each

15) City of Lincoln Wetland Bank Annual Maintenance by the NRD: Maintenance activities will include mowing, noxious weed control, controlling woody vegetation, and maintaining stop logs for a fee of \$4,500 from the City.

16) Little Salt Creek Watershed Plan: The NRD is partnering with USDA/NRCS and will work jointly with the City to incorporate identified projects and components of the existing Little Salt Creek Master Plan and the Upper Little Salt Creek Saline Wetlands Plan and additional identified needs to create a Little Salt Creek Watershed Plan. This will allow for any of the projects in the plan to be eligible for Federal USDA/NRCS Watershed & Flood Prevention Operations (WFPO) funding.

- Cost is \$300,000, cost is 100% WFPO reimbursable (NRD lead)

17) Cost Summary: The total cost to the City and NRD according to this work plan in FY 2020-2021 is estimated to be \$5,525,500.

- The cost share from the NRD for 2020-21 is estimated to be \$2,853,000 and is subject to NRD Board approval of the proposed NRD FY 2020-21 Budget (NRD Fiscal year for FY2020-21 starts July 1, 2020)

- The cost share from the City for 2020-21 is estimated to be \$2,672,500 and is subject to the City approval of the general budget for FY2020-21. The City fiscal year for FY2020-21 starts September 1, 2020

18) Summary Report: The City in September 2021 will prepare an annual report of activities and accomplishments to be reviewed by the NRD.

IN WITNESS WHEREOF, the District and the City have caused these presents to be executed by their duly authorized officials as of the date below indicated.

Executed by the City this _____ Day of _____ 2020
CITY OF LINCOLN, NEBRASKA

City Clerk

Mayor

STATE OF NEBRASKA)
) ss.
COUNTY OF LANCASTER)

The foregoing instrument was acknowledged before me this ____ day of _____, 2020,
by _____, Mayor of the **City of Lincoln, Nebraska**, a municipal corporation, on
behalf of the municipal corporation.

(Seal)

Notary Public

Executed by the NRD this _____ Day of _____ 2020
LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT

Paul Zillig, General Manager
STATE OF NEBRASKA

)
) ss.

COUNTY OF LANCASTER

)

The foregoing instrument was acknowledged before me this _____ day of _____
2020, by Paul Zillig, General Manager of the **Lower Platte South Natural Resources District**.

(Seal)

Notary Public



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: April 1, 2020
To: Urban Subcommittee
From: Tracy Zayac
Subject: Status update on current CAP Projects

Following is a short summary of the current status of in-progress CAP projects.

1. The Preserve HOA dam rehabilitation (approved 7/20/2018): Construction is proceeding and appears to be on target to finish by the end of May. Most recently reported that the third dam is complete.
2. Weeping Water Gospel Run bank stabilization Phase 1 (approved 11/16/2018): No date set for sending out new bid packets. May be summer or early fall for construction start, based on projected contractor workloads.
3. Ashland drainage ditch improvements and Salt Creek bank stabilization (approved 4/26/2019): Construction complete and site visited October 2019. Awaiting reimbursement request from City.
4. Garland drainage study (approved 7/25/2019): drainage study report has been finalized. Awaiting receipt of report copy and reimbursement request.
5. Shadow Pines Townhome HOA bank stabilization Phase 2 (approved 9/18/2019): Construction is complete. Have received two partial reimbursement requests, totaling \$31,875 of the \$42,500 approved amount.
6. Louisville Mill Creek bank stabilization Phase 1 (approved 9/18/2019): Still waiting to receive 404 permit from USACE. According to most recent invoice, 84% of design work is complete.
7. Ceresco Hobson Branch study (approved 2/19/2020): fieldwork and H&H modeling are completed. Data and modeling information are being compiled into a technical memo, which will be presented to the Village Board at its April 21 meeting.

Jared Nelson

From: Mike Murren
Sent: Monday, April 20, 2020 8:34 AM
To: Anthony Schutz; Bob Andersen; David Potter; Greg Osborn; Jared Nelson; Karen Amen; Larry Ruth; Mike DeKalb; Milt Schmidt; Paul Zillig; Ray Stevens; Tom Green; Tracy Zayac
Subject: Beal Slough/Gapp Park
Attachments: 004_1922 - Beal Slough Design 70th to Pine Lake_ESMT-SHT-004.pdf

Urban sub-committee members

Our engineering firm has provided us a land right map for Gapp park project. That map is attached and shows the owners impacted. At this time it is for information only. We will be talking about this in the near future, we will notify the landowners of the proposed design and anticipate that at our may subcommittee meeting, the subcommittee will recommend authorizing the acquisition of the easement, holding a land rights hearing, and approving a professional services agreement to appraise damages to the easement areas. Intuition and Logic are to deliver the draft design and cost estimates later this week and i will provide that information as it becomes available. Our goal is to obtain the easements this summer, obtain permits late this summer, and build this fall and early winter, so this process needs to get started. This project is a 50%-50% cost-share with the City of Lincoln.

Thanks Mike



LOWER PLATTE SOUTH
natural resources district

INTUITION
LOGIC

Intuition & Logic Engineering Incorporated
18253 Svingley Ridge Rd.
Suite 100
Chesterfield, MO 63017
Phone (314) 432-5800
Fax (314) 432-5812

BEAL SLOUGH, INVESTIGATION
70TH TO PINE LAKE ROAD
Lincoln, Nebraska

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CONSTRUCTION

Expiration Date: DEC. 31, 2020

Rev	Date	Description

Date: APRIL XX, 2020
Drawn by: JDF
Design by: MEM
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Approved by: MEM

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SHEET TITLE:

EASEMENT AND
ACCESS

SHEET NUMBER:

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