



## LOWER PLATTE SOUTH natural resources district

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### Memorandum

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

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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)