




## LOWER PLATTE SOUTH natural resources district

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### Memorandum

**Date:** July 19, 2019  
**To:** Board of Directors  
**From:** Jared Nelson, District Engineer   
**RE:** Urban Subcommittee Meeting Minutes

The Urban Subcommittee met at 5:30 pm on Wednesday, July 17, 2019 in the NRD large conference room in Lincoln to discuss and/or take action on three agenda items. Subcommittee members present included Mike DeKalb, Robert Andersen, Debra Eagan, Tom Green, Luke Peterson, Milt Schmidt, and Ray Stevens. Members absent included Anthony Schutz. Others present included Paul Zillig, David Potter, Jared Nelson, Al Langdale, Bryce Jensen; Travis Figard with Olsson; Luke Dutcher with M&A; and Salene Ulrich, Wayne Regnier, Marilyn Patsch, Chris Ulrich, and Rachel Jamison all with the Village of Garland. Director DeKalb called the meeting to order at 5:30, gave a brief welcome, and reviewed the agenda.

#### (a.) **Community Assistance Program – Village of Garland Drainage Evaluation**

The Village of Garland has requested cost share funding through the Lower Platte South Natural Resources District's Community Assistance Program. The funding will be used to perform a drainage study on five problem areas with the community. The village is working with Miller & Associates, Consulting Engineers from Kearney, NE to assist in the evaluation. The problem areas are currently causing problems such as flooding of residential properties, standing water in roadways due to insufficient ditches/culverts, and erosion issues.

The proposed evaluation is estimated to cost \$16,000. This cost will include a survey, engineering analysis, and preparation of exhibits and options to remedy each problem. An opinion of cost will also be generated based on potential construction options. A letter of request from the village, a location map of the five areas, a memo from the engineer to the community, and photos were presented to the subcommittee.

David Potter presented background information on the project. Salene Ulrich introduced herself and the other four village representatives. Luke Dutcher with Miller & Associates identified the drainage issues in Garland and discussed the proposed drainage study and evaluation. Discussion from the subcommittee followed.

**It was moved by Stevens, seconded by Andersen, and unanimously approved by the Subcommittee to recommend approval of the Community Assistance Program application from the Village of Garland for the Drainage Evaluation in an amount of 50% of the estimated cost, not to exceed \$8,000 NRD funds.**

**(b.) Engineering Services Agreement for Design Services on a Channel Liner Repair in Antelope Creek.**

The second item was to consider a letter of agreement for profession services for a channel liner repair in Antelope Creek. Articulated block was used as the channel liner in the Antelope Creek Flood Reduction Project. The project was engineered by the US Army Corps of Engineers (USACE) and completed in phases. The entire project was completed in 2010. Phase 1 of the project reached from Salt Creek to Military Road. In 2006 a problem with the articulated block started to appear in an area just west of Bob Devaney Sports Center. The block began to uplift and shift somewhat. LPSNRD has submitted various reports to the USACE and has requested assistance on repair. Assistance from the USACE has been denied. Staff has decided to recommend hiring a consultant to look at possible repair options. A scope of services and fee has been prepared by Olsson, Inc. for design services for a channel liner repair in Antelope Creek – just upstream of Military Road west of Bob Devaney Sports Center. Services will include project management and coordination, site investigation, channel liner repair design, permitting, and bidding services. The total anticipated fee for all phases is \$15,000. A proposed scope of services and photos of the issue were supplied to the subcommittee.

Bryce Jensen discussed the problems and the proposed project. Travis Figard with Olsson further explained the proposed scope of services. The subcommittee and staff then discussed the history, problems, USACE request, timelines, and the need to make the repairs.

**It was moved by Eagan, seconded by Schmidt, and unanimously approved by the Subcommittee to recommend approval of the Letter of Agreement for Professional Services with Olsson, Inc. for the Antelope Creek Channel Liner Repair Project upstream of Military Road, in an amount not to exceed \$15,000, subject to legal counsel review.**

**(c.) Report - Deadmans Run Flood Reduction Project.**

The final item was to update the subcommittee on the Deadmans Run Flood Reduction Project. Paul Zillig discussed the railroad bridge flume physical modeling project, a meeting with the US Army Corps of Engineers on July 11<sup>th</sup>, and the water sustainability grant application. LPSNRD is planning to submit an application to the Natural Resources Commission for project assistance through the Water Sustainability Fund, however the application is not quite ready.

There being no further business the meeting adjourned at 6:05 pm.