MEMORANDUM

TO: Programs, Projects and Operations Subcommittee
FROM: Martin P. Cleveland, Construction Engineer
SUBJECT: West Branch Channel Drainage Structure Cleaning Project
DATE: November 1, 2016

The West Branch Channel Drainage Structure Cleaning Project is located in Papillion, Nebraska, between 54th Street and 84th Street, as shown on the enclosed location maps. Also, enclosed are structure photos. The cleaning project consists of removing silt and other deposits in three drainage structures (WB-L15, WB-R18 and WB-R16), ranging in size from a triple 60 inch diameter culvert to a triple 7 ft. by 7 ft. box culvert. There are 5 pipe openings with blockage of 20% to 40%, as noted on the attached photos. The pipe cleaning is being done to allow for District pipe interior inspection as mandated by US Army Corps of Engineers (USACE) to be done every 5 years. These drainage structures are approximately 20 years old and have not been cleaned in the past. The cleaning will also restore the design capacity of the structures to minimize landside drainage issues.

On October 25, 2016, the District received bids for the West Branch Channel Drainage Structure Cleaning Project and the two bids ranged from $53,000.00 to $63,750.00, as shown on the enclosed bid summary. The apparent low bid of $53,000.00 was submitted by Hurk Underground Technologies, Inc. of Grinnell, Iowa.

Management recommends that the Programs, Projects and Operations Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract with Hurk Underground Technologies, Inc. in an amount not to exceed $53,000.00 for the West Branch Channel Drainage Structure Cleaning Project, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.

File: 530 WB – PPO memo 11_1_16
# PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT

## West Branch Channel Drainage Structures Cleaning Project

### Bid Summary

**Opening Date/Time:** 10:00 a.m. on October 25, 2016

<table>
<thead>
<tr>
<th>Bidder</th>
<th>Lump Sum Bid</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>2. Valley Corporation</td>
<td>$63,750.00</td>
<td>Dec. 1, 2016</td>
<td>March 3, 2017</td>
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West Branch Pipe Blockage

WB-L15

Size: 60" RCP-CMP
Blockage: 40%
Length of Blockage: Last 35'

PAPIO-MISSOURI RIVER
NATURAL RESOURCES DISTRICT
8901 S, 154th Street
Omaha, NE 68138-3621
402.444.6222
www.papionrd.org
West Branch Pipe Blockage

WB-R18A / WB-R18B / WB-R18C

Size: 7'x7' Box Culvert
Blockage: 20% / 35% / 25%
Length of Blockage: \(\approx 170'\)
West Branch Pipe Blockage

WB-R16

Size: 90" RCP
Blockage: 30%
Length of Blockage: 120'

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