



DES MOINES WATER WORKS
Board of Water Works Trustees

Agenda Item No. III-C
 Meeting Date: August 25, 2015
 Chairperson's Signature Yes No

AGENDA ITEM FORM

SUBJECT: Request Authorization to Solicit Bids for 2015 Saylorville Water Treatment Plant Chemical Feed Modifications and Establish the Date of Public Hearing as the Date of the September 2015 Board Meeting

SUMMARY:

- As part of the approved budget for 2015, several chemical feed projects were identified for the Saylorville Water Treatment Plant.
- These chemical feed projects were identified to improve the operations of the membrane systems and to provide safe storage and feed of chemicals used in the treatment process. The new coagulant storage and feed system will provide for better operation of the pretreatment and improve ultrafiltration membrane operations. The new antiscalant storage and feed system will replace the current temporary system. The new hydrochloric acid storage and feed system will help improve the ultrafiltration cleaning process.
- Preparation of plans, specifications, and contract documents for the 2015 Saylorville Water Treatment Plant Chemical Feed Modifications is complete.
- The engineer's estimate is \$136,000.
- Staff recommends the Board to authorize staff to solicit bids for 2015 Saylorville Water Treatment Plant Chemical Feed Modifications and establish the date of Public Hearing as the date of the September 2015 Board meeting.

FISCAL IMPACT:

Funds for this project will come from the work plan budgets for the polyaluminum chloride to pretreatment, strong acid storage and feed system, and antiscalant storage system modifications work plans. Total amount of funds budgeted for this project is \$209,900.

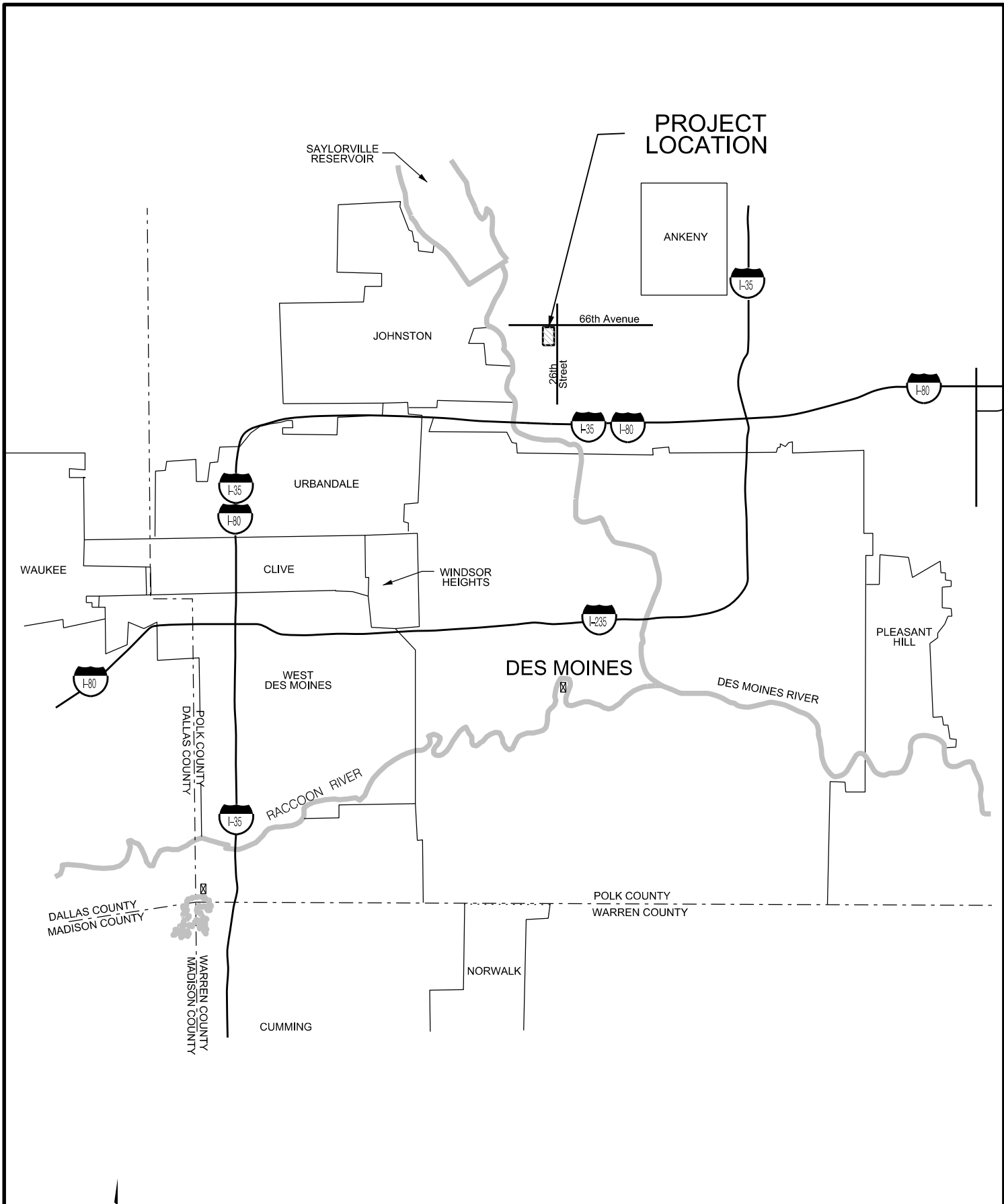
RECOMMENDED ACTION:

Authorize staff to solicit bids for 2015 Saylorville Water Treatment Plant Chemical Feed Modifications and establish the date of Public Hearing as the date of the September 2015 Board meeting.

BOARD REQUIRED ACTION:

Motion to authorize staff to solicit bids for 2015 Saylorville Water Treatment Plant Chemical Feed Modifications and establish the date of Public Hearing as the date of the September 2015 Board meeting, and direct staff to publish notice as provided by law.

_____ / _____ Nathan W. Casey, P.E. (date) Project Manager	_____ / _____ Danny J. Klopfer, P.E. (date) Engineering Services Manager	_____ / _____ William G. Stowe (date) CEO and General Manager
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PROJECT LOCATION


 NOT TO SCALE

Des Moines
Water Works
Water You Can Trust for Life
 ENGINEERING DEPARTMENT
 Des Moines, Iowa

2015 SAYLORVILLE
 WATER TREATMENT PLANT
 CHEMICAL FEE MODIFICATIONS