

**SCOTT COUNTY ENGINEER'S OFFICE**

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TARA YOUNGERS  
Administrative Assistant

**MEMO**

TO: Mahesh Sharma  
County Administrator

FROM: Jon Burgstrum  
County Engineer

SUBJ: Aluminum Box Culverts for Project L-619

DATE: March 9, 2017

This is a resolution for the approval of the Contract to purchase an aluminum box culvert for Project L-619. Project L-619 was originally intended to be a Bridge Replacement Project on 312<sup>th</sup> St near Big Rock. The existing bridge is a 21' x 20' concrete slab bridge on timber piling built in 1952 and is presently posted for reduced loading due to a structurally deficient substructure. After evaluating the existing bridge Angie and I determined that we can replace the bridge with an aluminum box culvert instead. Constructing the box culvert in lieu of a bridge will be a substantial reduction in the cost of the project. The estimated cost to build a bridge is \$200,000 and the estimated cost to build the aluminum box culvert is \$90,000. This project was moved forward in our program due to the ten cent increase in gas tax.

We have purchased five similar culverts for past projects. They are very effective and easy to handle and install.

Illowa Culvert & Supply Co.  
Low Moor, IA

\$65,806.57 L-619 Liberty 6B  
on 312<sup>th</sup> St

I recommend the Board of Supervisors approve the contract to purchase the aluminum box culvert in the amount of \$65,806.57. The FY17 budget for the project as a bridge is \$200,000.00.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT  
THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY  
THE BOARD OF SUPERVISORS ON \_\_\_\_\_  
DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

March 9, 2017

APPROVAL OF PURCHASE FOR ONE ALUMINUM BOX CULVERT FOR CULVERT  
REPLACEMENT PROJECT NO. L-619--73-82 ON 312<sup>TH</sup> STREET OVER A  
TRIBUTARY TO ROCK CREEK IN LIBERTY TOWNSHIP.

BE IT RESOLVED by the Scott County Board of Supervisors as  
follows:

Section 1. That the purchase of one aluminum box culvert  
from Illowa Culvert & Supply, Low Moor, IA for the  
total cost of \$65,806.57 be approved.

Section 2. That the Chairman be authorized to sign the  
contract documents on behalf of the Board.

Section 3. That this resolution shall take effect  
immediately.