



Black Hawk County Engineer

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“The mission of the County Engineer and Secondary Roads Department is to develop, construct, manage and maintain a safe and modern network of county roads and bridges, by being efficient, financially responsible and environmental stewards to the residents and visitors of Black Hawk County.”

Public Information Meeting Cedar Wapsi Road Bridge Replacement Project November 2nd, 2016

The existing Cedar Wapsi Road Bridge over the Cedar River was built in 1961. It is a 651-ft long by 24-ft wide bridge. The current bridge has deteriorated to a point that is not economical to repair. The Black Hawk County Engineer’s Office has started preliminary engineering along with several studies to determine the impact of replacing the Cedar River Bridge. Below is an outline of the studies:

1. Type, Size and Location Study
 - a. Define economical structure types along with alternative locations and sizes that meet the project design requirements.
 - b. Completed in April 2016 by AECOM of Waterloo, IA
 - i. Defined two alternative locations for the proposed bridge
 1. Alternate 1 – Build on Existing Alignment
 - a. 677’-0” long by 40’ wide concrete beam bridge
 - b. Bridge will be 3.4’ higher than existing bridge to accommodate flood flows
 - c. Road would be closed for duration of project
 - d. Estimated Cost: \$6.5 Million
 2. Alternate 2 – Building 55-ft south of Existing Bridge
 - a. 690’-0” long by 40’ wide concrete beam bridge
 - b. Bridge will be 3.9’ higher than existing bridge to accommodate flood flows
 - c. Road would be open for majority of construction
 - d. Estimated Cost: \$7.3 Million
2. Wetland Delineation Studies
3. Archaeology Studies
4. Threatened and Endangered Species Studies
5. Project Timeline
 - a. Public Input/Information meeting, Spring 2017
 - b. Project Alternative Selection, May 2017
 - c. Design Plans, July 2017 – December 2018
 - d. Project Construction, 2019 – 2020

Project Website:

<http://www.co.black-hawk.ia.us/674/Cedar-Wapsi-Road-Bridge-Project>