

CTH G Bridge Reconstruction Project  
2012 Highway Capital Improvement Program  
June 19, 2012

This outline is intended to give the County Board a brief summary of the Highway Departments proposed CTH G Bridge reconstruction project.

This project will provide a new bridge structure on CTH G over the Neenah Slough. The existing bridge is severely deteriorated with a number of the structural components showing some significant signs of age and wear.

The existing bridge was originally built in 1943 and has had various upkeep and maintenance projects done over the years. During times of high water and significant rainfall, water can reach the lower portions of the deck structure and has overtopped the roadway.

The bridge railings are not up to current safety standards, the west abutment is splitting, cracked and is beginning to separate, a wood girder is split and breaking apart, the east abutment columns are severely deteriorated and some of the other timber components are in the process of failing.

This project has been included in the Highway Department 5 year Capital Improvement Program for 2012 for design. If approved, construction will likely occur in 2014.

















This bridge has a sufficiency rating of 35, which qualifies it for Federal funding for replacement. Federal funds have been applied for on this project and have been approved in the amount of \$409,600 to apply towards construction costs. On this particular project, the costs of design will be the responsibility of the County. It's expected that the total project costs including design and construction, will be approximately \$612,000.

Average daily traffic (ADT) on CTH G in this area is approximately 1,400 vehicles per day. The bridge will be closed during the project and a detour will be posted and maintained by the County. It's expected that a bridge replacement project of this size should take approximately 4-6 months.

I will be returning to the County Board in July requesting a funding resolution be passed for this project in the amount of \$70,000 for design. Once the design is completed and we have good numbers on cost, I'll come back to the Board for construction funding.



**LEGEND**

-  U.S. HIGHWAY
-  STATE ROAD
-  COUNTY ROAD
-  LOCAL ROAD
-  RECREATION TRAIL
-  RAILROAD
-  CIVIL TOWN BOUNDARY
-  INCORPORATED AREA
-  CEMETERY
-  CITY/TOWN HALL
-  COUNTY AIRPORT
-  COUNTY COURTHOUSE
-  HOSPITAL
-  PUBLIC BOAT LAND
-  PUBLIC PARK
-  RECYCLING FACILITY

