



## **MEDIA RELEASE**

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**For more information contact:** Catherine E. Donker (920) 830-6121

### **College Avenue Bridge and Roadway Project Selected for the ASCE 2010 Engineering Achievement Award**

**APPLETON, WI** – The City of Appleton, Wisconsin's College Avenue Bridge and Roadway Project was recently honored with the 2010 Engineering Achievement Award by the American Society of Civil Engineers-Wisconsin Section (ASCE-WI). The award falls into Category C: Construction Cost over \$10M and under \$20M.

The City of Appleton, owner; Wisconsin Department of Transportation, design and managing agency; along with primary consultant OMNNI Associates and the primary contractors, Edward Kraemer & Sons and Vinton Construction were presented with the award during the ASCE's Annual Meeting at the Crowne Plaza in Madison, Wisconsin on September 17, 2010.

The ASCE-WI engineering achievement awards are presented annually for engineering projects that demonstrate excellence in engineering skills and represent a significant contribution to engineering progress and society.

The project involved the College Avenue Bridge and Roadway in Appleton, located on College Avenue, which is an east/west arterial that runs through the downtown area. The bridge carries 20,000 vehicles per day, and is one of three arterial crossings of the Fox River.

The design for the new bridge included a 76-foot-wide by 1,375-foot-long, four-lane structure positioned more than 65' above the Fox River channel. Also, the new structure has ten spans, a horizontal curve, and two different skewers for the piers and abutments, and it spans the Fox River below an adjacent dam, a navigational channel, a hydroelectric canal, and has four spans over land, including the Banta Court roadway and the Banta Court Bridge. An additional complication included the fact that the bridge was constructed in close proximity to a 100-year-old hydroelectric facility, and over the top of a railroad bridge.

In addition to the bridge replacement, 1.5 miles of College Avenue roadway reconstruction took place concurrently with the bridge reconstruction.

Located at the east end of the bridge, the College Ave/John St/Walter Ave intersection, experienced the highest crash rate in the City of Appleton. The signalized intersection was replaced with a roundabout, the first multi-lane roundabout in the city.

The west side of the river involved staged construction through the main campus of Lawrence University on an accelerated timeline. The second stage through the campus took place during fall semester with special attention to maintain pedestrian crosswalks through the work zone.

Construction of the College Avenue Bridge began in August 2008. The roadway reconstruction started in May 2009 and was completed in September, 5 weeks ahead of contract completion date. The bridge was open to traffic on October 30, 2009, two weeks ahead of schedule.

This award is one in a series of 6 awarded for the College Avenue Bridge and/or Roadway. The other five awards included two from the American Public Works Association (State and National); two from the WisDOT; and one from the Wisconsin Builder Magazine.