

Monitoring And Documenting A Top 10 Bridge With Work Zone Cam

December 09, 2020



Vrooman Road Bridge was a major project for the Ohio DOT. The blueprint included the construction of a new six-span, 1,800-ft-long bridge which built a brand new alignment over the scenic Grand River while connecting the existing Vrooman Road between the new structure and I-90 in Ohio. This year, this project was selected as one of Roads & Bridges Top 10 Bridge projects of 2020. EarthCam provided its 18 megapixel Work Zone Cam to document progress of the project for all stakeholders, and to give the general public interactive live views of the jobsite.

"EarthCam camera technology provided a great benefit to the Lake County, Ohio Engineer's Office during the construction of the Vrooman Road Bridge Replacement

Project," said Alan Exley, Chief Design Engineer at Lake County. "Having this camera solution available on our website furnished the engineer's team and the general public with continuous feed of the construction activities."

[Work Zone Cam](#) provides wireless 4G streaming, and it is easy to install and relocate as required throughout the life of the project. In addition to providing real-time views of the project, 4K time-lapse video content is captured automatically, and EarthCam can deliver stunning promotional time-lapse videos to showcase important stages of the project for marketing and public outreach.

"What a great way to keep our constituents updated and informed," Exley added. "The Vrooman Road Bridge Replacement Project is now a landmark in Lake County. Having this feed will provide us with the ability to use the hand-edited time-lapse movie to enhance project presentations."

This was a challenging project, as the river span had to be raised significantly beyond the 100-year high-water mark. Collaboration with the Grand River Advisory Council was necessary to ensure environmental compliance and piers were placed as far apart as possible to minimize impacts to the wetlands. Exley explained that having the camera integration provided much-needed overall data throughout the project.

The bridge is now open in both directions and forms a much safer drive between I-90 and State Route 84 and will make flood closures a thing of the past. Staying connected to the jobsite is easier than ever with the 4G Work Zone Cam jobsite camera. To learn more about how EarthCam can help you keep your jobsite monitored and recorded at all times, visit the links below.

WorkZoneCam.com

EarthCam.net

[View EarthCam's time-lapse to see construction from the ground-up.](#)

