

Re-Envisioning Doyle Drive through the Eye of a Camera

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The south access to the Golden Gate Bridge, known as Doyle Drive or Route 101, is undergoing a major structural and seismic renovation right before the eyes of local residents and the world thanks to two live EarthCam megapixel webcams.

The re-envisioning of the 74 year-old Doyle Drive, now called Presidio Parkway, began in December 2009. The Parkway, engineered to the latest seismic and structural standards, will include short tunnels, wider roadways, pedestrian and bicycle routes and improved access points to support the more than 100,000 vehicles that depend on the approach.

Throughout the process, the Presidio Parkway website (www.presidio-parkway.org) will keep the public informed until the project is completed in 2013. Live views of work on the High Viaduct and the Ruckman Bridge, complete traffic reports, construction progress updates and image archives provide a detailed management and public overview of the project.

The two EarthCam solar-powered, wireless cameras at Presidio Parkway represent two of the multiple EarthCam webcam systems in North America providing live video remote management for authorities and real-time visual information for the public. To the east of the Golden Gate Bridge, The San Francisco-Oakland Bay Bridge construction, for example, employs seven cameras including 72 megapixel panorama systems, an Advanced Megapixel 8 camera, and ConstructionCams providing live streaming video. More than 1.5 million images of the project have been archived since the webcam program began in April 2008.

Authorities in major projects from coast to coast, in the U.S. and Canada, are experiencing the value of webcams for management, live public monitoring and promotion. The ability to remotely monitor operations, share information with colleagues, archive project progress, keep the public informed and create time-lapse movies to document projects serves both authorities and the public.

