

Industry: Construction

Product: Bentley EADOC

Users: HDR, Inc.; URS; Counties of San Luis Obispo and Santa Clara, California

Country: United States

November 2, 2015

California Counties to Go Paperless on Capital Projects Using Bentley EADOC

Following a moratorium on construction that had been in place since 1988, the County of San Luis Obispo, California, and Construction Manager HDR, undertook construction of a USD 180 million wastewater treatment system. Prior to the new collection system and recycling facility, the entire city relied on a septic system.

EADOC helped to connect the geographically dispersed project team, and enabled them to exchange information and conduct public outreach through HDR's GIS interface. Using EADOC, the owner, contractors, engineers, and construction manager were able to geospatially index all project information to provide instant access to the latest drawings, documentation, change orders, daily reports, and more. EADOC reduced the turn-around time of RFIs and submittals, and eliminated the need to print, file, and ship paper copies of documents.

By consolidating and exchanging information electronically, the team reduced the typical delays that result from manual communications. Capturing this high-quality project data and using total stations to *build* the pipelines, HDR created a richer deliverable for the owner that would lead to reduced operating and maintenance costs.

Steve Mimiaga, P.E., project construction manager for HDR, said, "EADOC is the paperless solution that has been talked about for decades."

Ron Perkins, vice president, construction services manager, HDR noted, "EADOC was chosen as our preferred vendor because it manages all of the capabilities required by our clients, links to project schedules, and is very cost-effective."

Just north in San Jose, California, the County of Santa Clara decided to go paperless beginning with the construction of the San Jose Downtown Health Center. The new facility includes a trauma center, pharmacy, OBGYN department, laboratories, and a dental clinic.

The County of Santa Clara and construction manager, URS, used the cloud-based EADOC system to collaborate with over 200 project participants and stakeholders. EADOC improved daily communications and eliminated the need to print, file, and ship paper documents. Users could attach files without having to worry about size restrictions while keeping a record of who opened, received, and forwarded files.



To capture jobsite conditions and project progress, inspectors provided their daily reports electronically with photos. To obtain real-time financial reporting, the team processed change orders and pay applications electronically. User-configured dashboards and financial reports provided complete financial visibility and control.

As was evident in the health center project, the County of Santa Clara can now leverage EADOC for other projects to help achieve their goal to go paperless.

Sherry Ferguson, administrative contracts assistant, FAF/Capital Programs Division, County of Santa Clara, appreciates that everything is centralized and transparent in EADOC, and that all document activity is recorded. “You don’t have to send submittals outside of the system. It [EADOC] keeps a track record that allows a level of accountability that was never before possible.”

Image Link: <https://www.hightail.com/download/bXBibUpZeDNCSWRDaDhUQw>

Caption: HDR, Inc.; URS; Counties of San Luis Obispo and Santa Clara, California- Los Osos Wastewater Project