



# Construction Management And Inspection



## Fair Oaks 40” Pipeline – ARC Crossing Replacement Project

### Project Data

**Owner:**  
San Juan Water District

**Project Type:**  
Pipeline Crossing

**Project Duration:**  
Dec 2011 – Apr 2012

**Construction Value:**  
\$700,000

**CM / Inspection:**  
**ICM Group, Inc.**

**Designer:**  
Kennedy/Jenks Consultants

**Contractor:**  
Steve P. Rados, Inc.

### PROJECT OVERVIEW

The FO 40” ARC Crossing Replacement Project consisted of the removal of an existing severely damaged steel pipe that crossed an environmentally sensitive canyon and stream. Temporary bypass piping was installed and construction of a new pipe crossing was carried out. Micro-piles were drilled to serve as foundations for concrete anchor blocks on either side of the crossing. 36” inner diameter pipe was coated and installed over the canyon. The installation of this pipe presented many challenges as access to the site was limited and there were many environmental considerations. This project had a large SWPPP component.

### SERVICES PROVIDED

ICM Group, Inc. provided construction management, inspection, and document control services. Our services included inspection of construction materials and methods, monthly updates for City managers, change order review and processing, claims mitigation, processing RFIs and submittals, and progress payments.