



Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Authority's Church Ditch. Church Ditch flood repairs include restoring the Church Ditch to pre-flood conditions. The Leyden Creek Crossing Structure was rebuilt with this section of the ditch piped to prevent the uncontrolled diversion of flood waters in potential future events. For all areas of the ditch, sediment that was deposited by the flood was removed and the ditch banks were reshaped where sloughing occurred. Riprap was added to portions of the reconstructed ditch banks to prevent erosion and increase protection to the ditch. This project qualified for FEMA public assistance.

P R O J E C T D A T A		
<i>Sponsor:</i> Church Ditch Water Authority	<i>County:</i> Jefferson	<i>Water Source:</i> Clear Creek
<i>Type of Project:</i> Diversion Rehabilitation		<i>Board Approval Date:</i> October 2013
<i>Loan Terms: (Original)</i> \$606,000 at 2.85% for 30 years <i>(Disbursed)</i> \$591,178.65		
<i>Design Engineer:</i> Ecological Resource Consultants, Inc.& SM&RC Structural Engineers, Inc.		
<i>Contractor:</i> J.L. Melton Construction, Inc.; Kemp and Hoffman, Inc.; & Diamond Excavating, Inc.		
<i>Project Elements:</i> Piping a ditch crossing a creek. Bank stabilization.		