What is the Williams Creek Alternatives Analysis Project?

Current funding awarded to HCRCD by State of California allows for work to find options for restoring functionality to Williams Creek.

Goals of this project are to identify a restoration project design that will ultimately help:
- reduce flooding impacts to neighboring properties
- improve Williams Creek flows to the Salt River
- enhance fish & wildlife habitats
- improve water quality

Steps in this Project include:
- collecting creek and adjacent habitat data
- conducting in-depth analysis of existing but older design alternatives
- presenting to community a minimum of 3 design alternatives for consideration
- setting up the framework for permitting process to lead towards construction

Overview of Project Timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>Hold community meeting to discuss project feasibility and gather landowner input</td>
</tr>
<tr>
<td>2017</td>
<td>Gain access to private lands adjacent to Williams Creek</td>
</tr>
<tr>
<td>2017/18</td>
<td>Collect data, conduct field work</td>
</tr>
<tr>
<td>2017/18</td>
<td>Hold meetings with stakeholders</td>
</tr>
<tr>
<td>2018/19</td>
<td>Develop alternatives (options) for restoration</td>
</tr>
<tr>
<td>2018/19</td>
<td>Community selects desired alternative</td>
</tr>
</tbody>
</table>

Next Steps beyond Alternative Analysis Project

Once a preferred project design has been selected, HCRCD and partners will work to:
- Secure funding source(s)
- Obtain landowner agreements
- Obtain all necessary permits
- Finalize design plans
- Proceed to construction
- Develop on-going maintenance & adaptive management plan

About HCRCD

HCRCD is a non-regulatory organization that works in voluntary cooperation with landowners, residents, and community groups to provide information, technical assistance and funding to implement practices that improve and protect water quality and natural habitat on private lands. HCRCD relies solely on grant funding sources.

4 Factors Critical to Success of Any Restoration Project
- Landowner cooperation
- Funding
- Engineering designs
- Permit agency approvals
WILLIAMS CREEK RESTORATION PROJECT PROCESS

START HERE
for Alternatives Analysis
Project

Analysis
- Stakeholder input to set goals & objectives; review conceptual

Obtain Landowner Input and Data Collection
- Physical Data Collection: Sediment loads, stream surveys
- Data important to help define engineering

Stakeholders
- Salt River Watershed Council/Community Members
- Local Government
- Regulatory Agencies
- Private Landowners*

Maintainance & Adaptive Management

Construction

Contractor Bidding Process

Complete 100% Designs for Selected Alternative
- Design goes through regulatory review process

Permitting Process

Landowner Feasibility
Meet 1 on 1 and/or in groups with HCRCD to identify landowner and project constraints. Ongoing throughout project.

Create Conceptual 10% Designs for 1 to 3 Alternatives

Stakeholders Select Preferred Alternative

Obtain Landowner Agreements to Move Forward with Permit Process

Develop 50% Designs for Selected Alternative

*For a project to be successful, input from and partnerships with private landowners is expected at every phase of project.

Revised April 2017