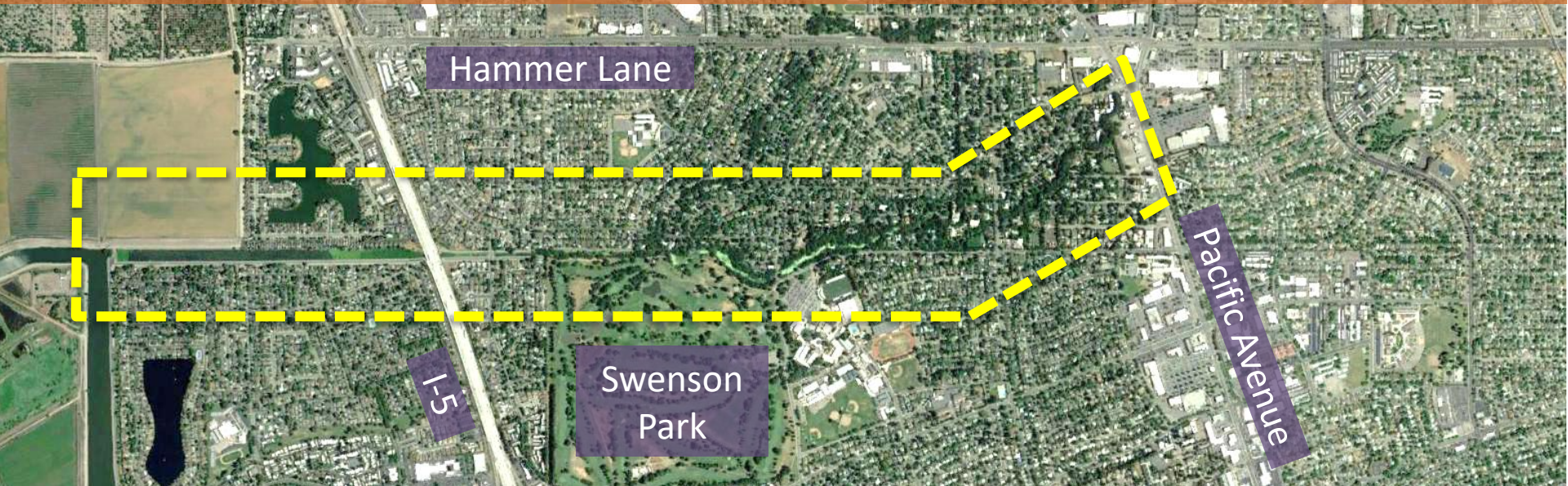


# Five Mile Slough and Five Mile Creek Project Study Report



## Project Schedule Update

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- November 2017:** Held first Public Meeting
- January 2018:** Submitted preliminary draft Report
- February 2018:** Received City comments on preliminary draft Report
- March 2018:** Held second Public Meeting
- April-Aug. 2018:** Submitted revised draft Report and held agency stakeholder meetings
- September 2018:** Third Public Meeting and release of Report

# Agenda

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- Present findings
- Outline potential future actions
- Q&A

## Findings

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1. The slough and creek culverts have capacity and are functioning correctly as a flood control facility. If storage capacity is reduced, additional pumps can be added to remedy.
2. Culverts have capacity. Alexandria Place culvert needs further investigation and possible repair.
3. CEQA and regulatory requirements are being met.
4. All new projects are subject to SWQCP requirements. This includes public projects.

# Potential Future Actions and Current Actions

No.	Action	Benefit	Cost Range	Implementation Timeline
1	Hammer Lane Widening project routing of clean and treated stormwater runoff into Five Mile Slough and Five Mile Creek, by City of Stockton	<ul style="list-style-type: none"> <li>Increased flow of treated stormwater into Five Mile Slough and Five Mile Creek</li> <li>Removal of future contributions of sediment and debris from Pershing Avenue</li> <li>Reduced future erosion in Pershing Avenue</li> </ul>	<b>\$75-100K</b>  (in construction)	2018
2	Implementation of new State-mandated Trash Provisions, by City of Stockton	<ul style="list-style-type: none"> <li>Reduced trash in waterways</li> <li>Increased water quality</li> <li>Increased aesthetics</li> </ul>	N/A	10 YEARS
3	Installation of gage to monitor flow and water level between I-5 and Five Mile Dam, by San Joaquin County	<ul style="list-style-type: none"> <li>Enhanced flood control monitoring</li> <li>Enhanced modeling of sedimentation impacts</li> <li>Proactive approach to required flood control improvements</li> </ul>	>\$20K	12 MONTHS

## Potential Future Actions and Current Actions

No.	Action	Benefit	Cost Range	Implementation Timeline
4	Alexandria Place culvert repair or replacement, and bank repair, by City of Stockton	<ul style="list-style-type: none"> <li>Improved flow underneath Alexandria Place</li> <li>Reduced sediment accumulation at Alexandria Place</li> <li>Reduced bank erosion at Alexandria Place</li> <li>Increased safety</li> <li>Increased aesthetics</li> <li>Improved maintenance</li> </ul>	\$300-750K	18-24 MONTHS
5	Evaluation of Alexandria Pump Station discharge configuration, by City of Stockton	<ul style="list-style-type: none"> <li>Reduced sediment transport, if link determined</li> </ul>	\$1-20K	18-30 MONTHS

# Potential Future Actions and Current Actions

No.	Action	Benefit	Cost Range	Implementation Timeline
6	<p>Formation of an Assessment District, or Association, or Community Facilities District, or Property and Business Improvement District, by property owners</p>	<ul style="list-style-type: none"> <li>• Defined funding source for invasive plant removal</li> <li>• Organized structure that includes local agencies</li> <li>• Vehicle to pursue grants, such as the Proposition 1 Ecosystem Restoration and Water Quality Grant Program (<a href="http://deltaconservancy.ca.gov/prop-1/">http://deltaconservancy.ca.gov/prop-1/</a>)</li> <li>• Ability to fund major and long-term projects</li> <li>• Ability to retain a waterway manager</li> </ul>	\$25-50K	8-12 MONTHS

# Q&A