

**Caltrans and Unincorporated Contra Costa County  
Cooperative Implementation Agreement  
Installation of Trash Capture Devices in unincorporated San Pablo  
Project Summary and Cost Estimate (Cost Rev. 5/13/20)**

**Project Summary**

<b>County Project Managers</b>	Michele Mancuso Contra Costa Watershed Program	Gus Amirzehni Contra Costa Flood Control
<b>Location</b>	Unincorporated San Pablo (Tara Hills), adjacent to I-80 2 watersheds west of I-80: E. Flannery and Shamrock	
<b>Goal</b>	Installation of large full trash capture systems to collect trash from the municipal separate storm sewer system (MS4) discharging from Caltrans I-80 right of way and unincorporated County to Garrity Creek.	
<b>Credits for Trash Reduction</b>	This project will provide trash reduction credit to both Caltrans and unincorporated Contra Costa County and may provide some credit in the reduction of PCBs and mercury.	
<b>Phasing/Timing</b>	Phase 1: Planning and Design	Phase 2: Construction
<b>Project Description</b>	This project proposes to plan, design and construct large full trash capture devices (FTCD) in two watersheds. It is estimated that these FTCDs will capture stormwater from approximately 39 acres of Caltrans right of way; and approximately 78 acres of moderate or high trash in the E. Flannery and Shamrock watersheds.	

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**Cost Estimate (Rev 5/13/2020)**

<b>Project Phases</b>	<b>Watersheds</b>	
	<b>E. Flannery</b>	<b>Shamrock</b>
Phase 1 Planning and Design	\$ 928,000	\$ 449,000
Phase 1 Total*	<b>\$ 1,377,000</b>	
Proposed to be invoiced by May 1, 2022		
Phase 2 Construction	\$ 1,737,000	\$ 829,000
Phase 2 Total*	<b>\$ 2,566,000</b>	
Proposed to be invoiced by May 1, 2023		
<b>Phase 1 &amp; 2 Total</b>	<b>\$ 3,943,000</b>	

\* Includes Contingency