



Final Project Report

10/11-6-41A(001)

Project Name : **Replace HVAC at Maint Facility - 10/11-6-41A(001)**

Project Scope	Original Application	Final Project
	Replace/Rennovate existing HVAC units at the RABA Maintenance Facility.	Replace existing HVAC units at the RABA Maintenance Facility.
Funding	Original Approved Project Cost	Final Project Cost
	99313 :	\$228,000
	99314 :	12,000
	PTMISEA Interest :	2,609
	Other Funds	
	Federal :	0
	State :	0
Total Project Cost	Local :	0
	\$242,609	\$80,337
Schedule Date	Original Project Schedule	Final Project Schedule
Begin Environmental :	Feb-2015	
End Environmental :	Apr-2015	
Begin Design :	Apr-2015	
End Design :	Dec-2015	
Begin Right of Way :		
End Right of Way :		
Begin Construction :	Jul-2016	
End Construction :	Jan-2017	
Vehicle/Equipment Order :		
Vehicle/Equipment Order :		
Begin Closeout Phase :	Feb-2017	Apr 2017
End Closeout Phase :	Mar-2017	Apr 2017
Performance Outcomes	Anticipated Performance Outcome	Actual Performance Outcome
	<p>The Heating, Ventilation, and Air Conditioning (HVAC) units on the original building were not upgraded or replaced when the maintenance facility added the three additional maintenance bays in 2009. The original HVAC units have outlived their useful life, are inefficient, and are in need of replacement or major overhaul.</p> <p>The new units will be more efficient and reduce operating costs.</p>	<p>Invoice of acquisition attached.</p> <p>The remaining \$162,713 in 99313 funds will be transferred to the existing Solar Canopy 10/11-2-41A(002) project to be used on the construction contract to install solar canopy at the RABA Maintenance Facility.</p> <p>The significant cost savings occurred because RABA was able to use the City of Redding's existing contracted vendor who was able to purchase the equipment and perform the work far under original estimates.</p> <p>Cost Benefit Outcome(s):</p>
Reception/Improvement Percentages	<p>Increased Ridership by %</p> <p>Reduced Oper/Maint Cost by 5%</p> <p>Reduced Emissions by %</p> <p>Increased System Reliability by %</p>	<p>Increased Ridership by %</p> <p>Reduced Oper/Maint Cost by 5%</p> <p>Reduced Emissions by %</p> <p>Increased System Reliability by %</p>

Signature:


Name and Title Angela Udovich, Authorized Agent Date 5/8/17

Please include verification of the project completed as scoped by providing evidence of completion such as a photo and/or invoice of acquisition.

Note: The same authority that signed the Allocation Request or is designated on the Authorized Agent form must sign here.