



STAFF REPORT

Date: August 19, 2020
To: TRPA Governing Board
From: TRPA Staff
Subject: Release of El Dorado County Mitigation Funds for Environmental Improvement Projects

Summary and Staff Recommendation:

El Dorado County requests funding for five EIP projects outlined in the tables below. Project information can be found in the attached project fact sheets taken from the EIP Project Tracker. Funds requested will be put towards project delivery and implementation and will also be used to help the County meet match requirements for pending and awarded grants.

Staff recommends that the Governing Board approve El Dorado County’s request, subject to the conditions cited below. The request is consistent with the Environmental Improvement Program and Regional Transportation Plan objectives, Chapter 65 of the TRPA Code of Ordinances, and the Governing Board’s policy guidelines for the release of mitigation funds.

Required Motion:

To approve the requested release, the Board must make the following motion:

- 1) A motion to approve the release subject to the conditions contained in this memorandum.

In order for the motion to pass, an affirmative vote of any eight Board members is required.

Air Quality Mitigation Funds				
EIP No.	Project	Current Balance	Allocation Request	Updated Project Balance
03.01.01.0004	Apache Avenue Pedestrian Safety and Connectivity Project	\$0	\$29,000	\$29,000
03.01.02.0142	South Tahoe Greenway - Upper Truckee Bridge at Johnson Meadow (Interest Account)	\$0	\$31,225	\$31,225
TOTAL			\$60,225.00	

The unencumbered account balance for the Air Quality fund for El Dorado County as of August 19, 2020 is \$227,864.81, which is sufficient to cover this request.

Stream Environment Zone Mitigation Funds				
EIP No.	Project	Current Balance	Allocation Request	Updated Project Balance
01.01.01.0021	Country Club Heights Stormwater Management and Erosion Control Project	\$4,834.64	\$53,000	\$57,834.64
01.01.01.0025	Meyers Stream Environment Zone/ Erosion Control Project	\$14,048.54	\$50,000	\$64,048.54
TOTAL			\$103,000.00	

The unencumbered account balance for the Stream Environment Zone fund for El Dorado County as of August 19, 2020 is \$175,732.66, which is sufficient to cover this request.

Water Quality Mitigation Funds				
EIP No.	Project	Current Balance	Allocation Request	Updated Project Balance
03.01.01.0004	Apache Avenue Pedestrian Safety and Connectivity Project	\$0	\$284,000	\$284,000
01.01.01.0021	Country Club Heights Stormwater Management and Erosion Control Project	\$0	\$30,000	\$30,000
01.01.01.0074	Oflying Water Quality Project	\$7,364.04	\$50,000	\$57,364.04
TOTAL			\$364,000.00	

The unencumbered account balance for the Water Quality fund for El Dorado County as of August 19, 2020 is \$516,935.31, which is sufficient to cover this request.

Conditions:

Staff recommends approving the release of these funds subject to the following conditions of approval:

1. The County shall only use the funds for the project cited above and as approved by TRPA.
2. TRPA reserves the right to withhold funds to ensure project priorities, goals, and objectives are consistent with those of the Environmental Improvement Program and TRPA's Regional Plan.
3. The County agrees to follow all laws, codes, and regulations adopted by federal, state, and local authorities/agencies.

4. The County agrees to maintain a report detailing the use and expenditures of all funds used on the project. These records shall be made available for review and audit by TRPA within thirty (30) calendar days upon written request.
5. All mitigation funds not used as described above shall be returned to TRPA. Upon written approval from TRPA, these funds may be re-allocated to another project.
6. The County agrees to request from TRPA a final inspection no later than 30 days after completion of the project.
7. TRPA approved signage shall be used on all projects during construction to identify TRPA as a funding source and shall include the EIP logo.
8. The County agrees to report the applicable EIP Performance Measures achieved by this project.

Regional Plan Compliance: The proposed releases comply with the TRPA Regional Plan and Code of Ordinances.

Contact Information: If you have any questions regarding this item please contact Kimberly Caringer, Division Manager, Environmental Improvement Program at kcaringer@trpa.org or by phone at (775) 589-5263.

Attachment:

- A. Apache Avenue Pedestrian Safety and Connectivity Project EIP Project Fact Sheet
- B. South Tahoe Greenway - Upper Truckee Bridge at Johnson Meadow Project Fact Sheet
- C. Country Club Heights Stormwater Management and Erosion Control Project Fact Sheet
- D. Meyers Stream Environment Zone/ Erosion Control Project Fact Sheet
- E. Oflyng Water Quality Project Fact Sheet

Attachment A

Apache Avenue Pedestrian Safety and Connectivity Project EIP Project Fact Sheet



Apache Avenue Pedestrian Safety and Connectivity Project

Project Number	03.01.01.0004
Action Priority	Improving Air Quality
Implementers	El Dorado County, CA
Primary Contact	Donaldo Palaroan (donaldo.palaroan@edcgov.us)
Stage	Planning/Design
Duration	2020 - 2025

Air Quality & Transportation > Improving Air Quality

Along Apache Avenue from the US 50/ SR 89 intersection to the Lake Tahoe Environmental Science Magnet School, implement sustainable mobility improvements to provide a safe walkable and bikeable roadway. The project will help support the Walk to School Day, Bike to School Day, and other activities in cooperation with the school district and the Meyers community. Apache Avenue is a major collector and provides challenges faced by the community walking and bicycling to the school and the nearby Tahoe Paradise Park.

Key Accomplishments

Accomplishments to be provided upon completion of project

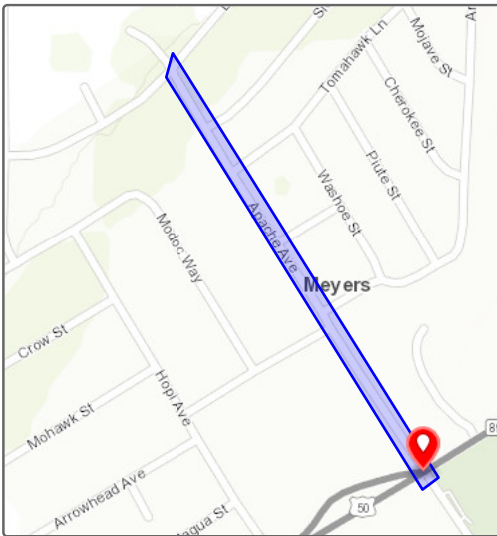
Threshold Categories

- Air Quality



Apache Roadway Conceptual Design

Location



Expenditures

No expenditures provided

Photos

Before



Apache Ave at East San Bernardino Ave; entrance to the Lake Tahoe Environmental Science Magnet School



from Apache Ave, looking toward US 50/SR 89 to the south



view to the north at the Apache Ave intersection, from US 50/SR 89

Project Fact Sheet Data as of 08/18/

Attachment B

South Tahoe Greenway - Upper Truckee Bridge at Johnson Meadow Project Fact Sheet



South Tahoe Greenway - Upper Truckee Connector Middle Reaches Pedestrian Bridge

Project Number	03.01.02.0142
Action Priority	Improving Transit and Trails Connections
Implementers	El Dorado County, CA, Tahoe Resource Conservation District
Primary Contact	Donaldo Palaroan (donaldo.palaroan@edcgov.us)
Stage	Planning/Design
Duration	2020 - 2025

Air Quality & Transportation > Improving Transit and Trails Connections

The Upper Truckee River is the largest watershed in the Lake Tahoe Basin flowing through the heart of South Lake Tahoe. Recently acquired into public ownership, the Johnson Meadow property was previously the largest swath of the Upper Truckee River that remained in private ownership. During severe winter storms of 2017, the heavily trafficked pedestrian bridge was made impassable with nearly 400 cubic yards of sediment washing out on the west side of the bridge. Future bridge connects the Sierra Tract neighborhood bordering on the East and the Barton/4th Street neighborhood bordering on the West. Planning is needed to identify the best location for a new bridge.

Key Accomplishments

Accomplishments to be provided upon completion of project

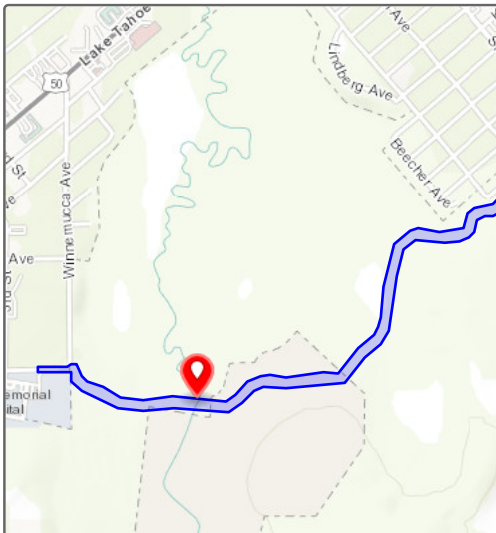
Threshold Categories

- Recreation



Summer 2017, bridge not connected to West side

Location



Expenditures

No expenditures provided

Photos

Before



2017 winter, before runoff disconnected existing bridge

Project Fact Sheet Data as of 08/19/

Attachment C

Country Club Heights Stormwater Management and Erosion Control Project Fact Sheet



Country Club Heights Stormwater Management and Erosion Control Project

Project Number	01.01.01.0021
Action Priority	Reducing Stormwater Pollution from City and County Roads
Implementers	El Dorado County, CA
Primary Contact	Donaldo Palaroan (donaldo.palaroan@edcgov.us)
Stage	Implementation
Duration	2011 - 2022

Stormwater Management > Reducing Stormwater Pollution from City and County Roads

The project, located in the Country Club Heights subdivision, is roughly bounded by Highway 50, the Upper Truckee River, and Crystal Air Drive. The main goal of this project is to reduce very fine/fine sediment from the County right-of-way from reaching the Upper Truckee River near Elks Club Drive to help achieve TMDL goals. Phases 1 & 2 focused on water quality (WQ) / Stream Environment Zone (SEZ) improvements throughout the subdivision. Phase 3 is focused on WQ / SEZ and User Access improvements surrounding the old "Elks Lodge" property between Elks Club Drive, Highway 50, and the Upper Truckee River.

Key Accomplishments

- Miles of Roads Decommissioned or Retrofitted: 5.1 miles
- Miles of Street Sweeping: 6.1 miles

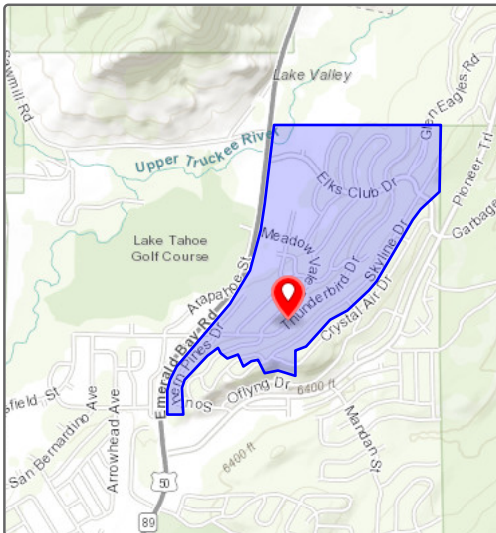
Threshold Categories

- Soil Conservation
- Water Quality

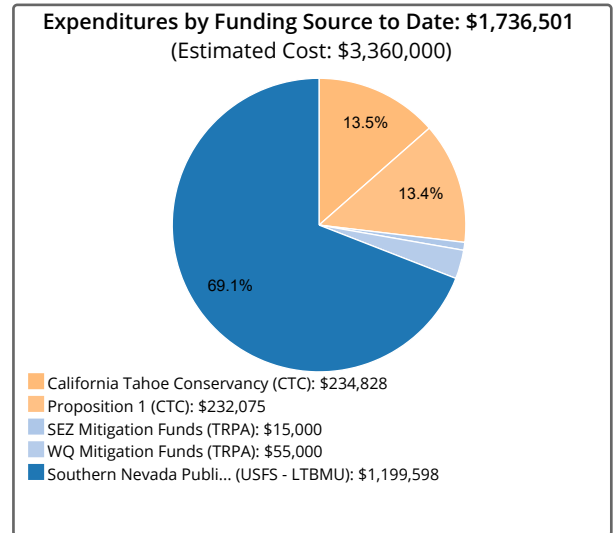


Phase 1/2 - Meadowvale Basin near corner of Boca Raton and Meadowvale Drive

Location



Expenditures



Photos

Before



Phase 1/2 - Eroding channel



Phase 1/2 - Sediment Deposition - Elks Club and Thunderbird Court

After



Phase 1/2 - New channel on east side of lower Elks Club Drive



Phase 1/2 - New outlet channel to meadow area off of Boca Raton

Project Fact Sheet Data as of 08/19/

Attachment D
Meyers Stream Environment Zone/ Erosion Control Project Fact Sheet



Meyers Stream Environment Zone/Erosion Control Project

Project Number	01.01.01.0025
Action Priority	Reducing Stormwater Pollution from City and County Roads
Implementers	El Dorado County, CA
Primary Contact	Donaldo Palaroan (donaldo.palaroan@edcgov.us)
Stage	Implementation
Duration	2010 - 2021

Stormwater Management > Reducing Stormwater Pollution from City and County Roads

This project aims to restore approximately nine acres of stream environment zone (SEZ) partially through the reconnection of Meyers Creek to its floodplain. In the 1960's, Meyers Creek was channelized linearly along the border of the SEZ to make way for urban development. The parcel is located on Santa Fe Road at the west end of Pioneer Trail in Meyers. By reconnecting the creek to its floodplain to restore wetland processes. The project will also have greenhouse gas reductions, groundwater recharge, flood control, water efficiency, possible regional treatment systems, and recreation. This project treats 5 miles of roadways through source control and hydrologic design.



Completed infiltrating sediment basin.

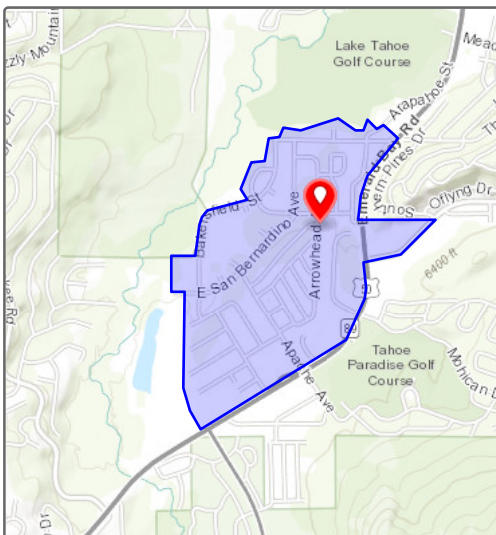
Key Accomplishments

- Acres of Habitat Restored or Enhanced: **0.84 acres**
- Acres of SEZ Restored or Enhanced: **3.5 acres**
- Impervious Coverage Retired: **2,345 sq ft**
- Miles of Street Sweeping: **1 miles**

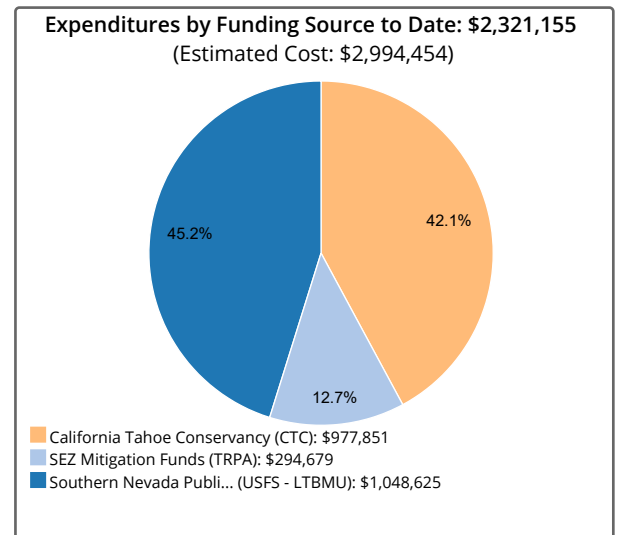
Threshold Categories

- Recreation
- Water Quality
- Soil Conservation

Location



Expenditures



Photos

Before



Publicly-owned parcel opportunity for stormwater treatment.



Previously constructed water quality improvement project near Pioneer Tr & US Hwy 50.

During



Construction of infiltrating sediment basin.

After



Water quality improvement enhancements for additional stormwater retention

Project Fact Sheet Data as of 08/19/

Attachment E
Oflyng Water Quality Project Fact Sheet



Oflyng Water Quality Project

Project Number	01.01.01.0074
Action Priority	Reducing Stormwater Pollution from City and County Roads
Implementers	El Dorado County, CA
Primary Contact	Donaldo Palaroan (donaldo.palaroan@edcgov.us)
Stage	Implementation
Duration	2017 - 2022

Stormwater Management > Reducing Stormwater Pollution from City and County Roads

Urban development in the Oflyng residential area has resulted in a concentrated flow of storm water from the County of El Dorado (County) right-of-way (ROW) directed to pervious forested land as well as the Upper Truckee River. The hydrologic connectivity between Lake Tahoe and the Oflyng area results in a high to moderate potential to deliver fine sediment to Lake Tahoe. Storm water runoff will be directed into infiltration improvements providing a direct reduction in the transport of fine sediment to Lake Tahoe. It is also anticipated that urban storm water infrastructure will be upgraded to current design standards w/ conveyance improved to allow for proper flow sizing/routing.



Oflyng - Failing Slope

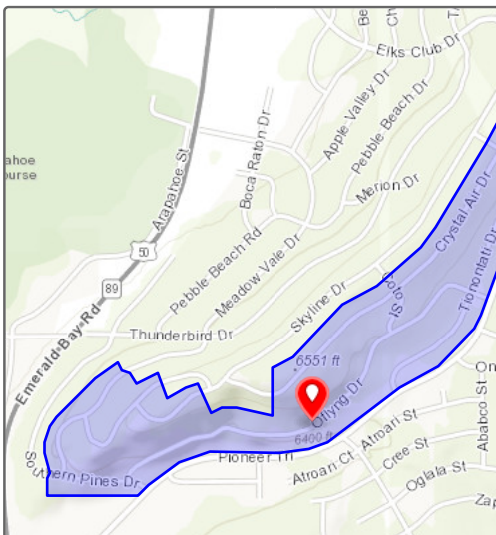
Key Accomplishments

Accomplishments to be provided upon completion of project

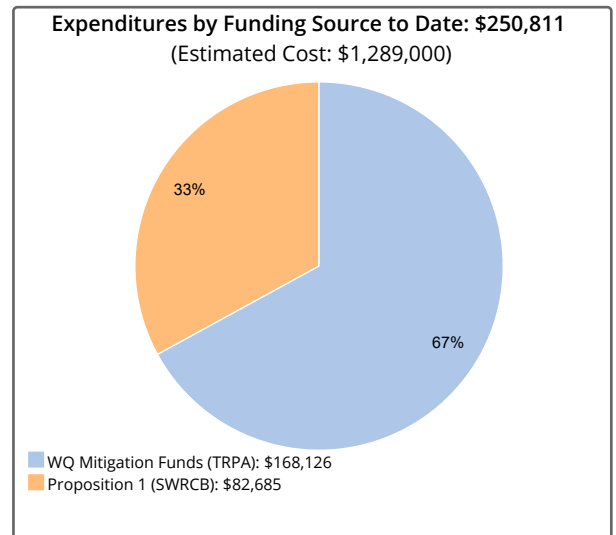
Threshold Categories

- Soil Conservation
- Water Quality

Location



Expenditures



Photos

Before



Outfall at Pioneer Trail - drains Crystal Air and Oflyng

Project Fact Sheet Data as of 08/19/