



M E M O R A N D U M
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
County of Placer

TO: Board of Supervisors

DATE: April 21, 2020

FROM: Ken Grehm, Director of Public Works
By: Ryan Decker, Senior Civil Engineer

SUBJECT: Engineering / Authorization to Advertise and Approve Finance Plan / Martis Valley Trail

ACTION REQUESTED

Approve the plans, specifications, and Finance Plan for the Martis Valley Trail Segment 3B, Project No. PJ00530, and authorize the Director of Public Works, or designee, to advertise for construction bids.

BACKGROUND

As part of the Martis Valley Trail Project, being built in partnership with the Northstar Community Services District (NCSD), the County plans to construct a paved multipurpose trail that extends from the southern limits of the Town of Truckee at the Nevada/Placer County line to a junction with Forest Route 73 near Sawmill Flat Reservoir and the Lake Tahoe Basin. The focus area of the current phase of work is on Segment 3B of the trail, beginning at the southeast edge of the United States Army Corp of Engineers' property line in the Martis Valley and ending at the Northstar Drive roundabout (see location map).

The total construction cost for Segment 3B is estimated at \$3,713,395 with three funding sources: (1) \$1,000,000 from Parks Capital Project. PJ00065, "Martis Valley Trail"; (2) \$771,637 in Transient Occupancy Taxes; and (3) \$1,941,758 in Congestion Mitigation and Air Quality (CMAQ) grant funds.

The CMAQ grant for planning, construction, and design of the project was awarded in 2014, however, due to environmental and right of way acquisition delays, construction funds were not authorized for release this year. Therefore, to proceed with construction of this highly-valued project in the 2020 season, the Department recommends using up to \$1,941,758 in park dedication fees from PDF Area #1 and replenishing those funds upon receipt of CMAQ funding utilizing Advance Construction (AC) authorization, which is scheduled for the third quarter of FY 2020-21.

PDF Area #1 has sufficient funds to support this reimbursable expenditure, and other PDF Area #1 projects will not be impacted. The current uncommitted balance in PDF Area #1 is \$2,240,000. \$1,941,758 is proposed as a reimbursable expenditure as described above, leaving a minimum balance of \$298,242.

All funding amounts and dates are based on anticipated construction scheduling, which could be subject to change. If construction expenditures exceed available funding, the Department may need to request Board authorization to use County Capital Reserves, or other acceptable sources, to fully fund construction until the CMAQ funds are received.

Figure 1 – Finance Plan Summary

	19/20 Q4	20/21 Q1	20/21 Q2	20/21 Q3
(a) Estimated Construction Expenditures	\$0.93	\$1.86	\$0.92	\$0
(b) Cumulative Estimated Construction Expenditures	\$0.93	\$2.79	\$3.71	\$3.71
(c) CMAQ Federal Fund Obligation	\$0	\$0	\$0	\$1.94
(d) Local Match Obligation	\$1.77	\$0	\$0	\$0
(c)+(d) Total Funding Obligation w/o AC	\$1.77	\$0	\$0	\$0
(e) Total Cumulative Funding Obligation	\$1.77	\$1.77	\$1.77	\$3.71
(b)-(e) Local AC Expenditure Obligation / PDF Loan Total	\$0	\$1.02	\$1.94	\$0
Local AC Expenditure Payback / PDF Loan Payback Amount	\$0	\$0	\$0	\$1.94

*All amounts shown in \$ millions. Assumes construction beginning summer 2020.

ENVIRONMENTAL IMPACT

The Northstar Community Services District (NCS D) prepared an Environmental Impact Report (EIR) for the Martis Valley Trail Project pursuant to the requirements of the California Environmental Quality Act (CEQA). The EIR was adopted by the NCS D Board on October 17, 2012. (State Clearinghouse No. 2010122057). The County has reviewed and is relying upon NCS D’s EIR in support of the requested Board action. The Martis Valley Trail Segment 3B was found to be Categorical ly Excluded under the National Environmental Policy Act (NEPA) by Caltrans under 23 CFR 771.117(c)(3) on February 22, 2018.

FISCAL IMPACT

The project is budgeted in the Department of Public Works FY 2019-20 and FY 2020-21 Final and Draft Budgets respectfully, under Tahoe Engineering Division project PJ00530, Martis Valley Trail. The project funding by phase is described in Figure 2. The total project cost is estimated to be \$4,546,644, and the total construction cost is estimated to be \$3,713,395. The maximum loan from the Park Dedication Fee Program is \$1,941,758. The Park Dedication Fee program has a current cash balance of \$2,240,000. This is a multi-year project.

Figure 2 – Project Funding by Phase

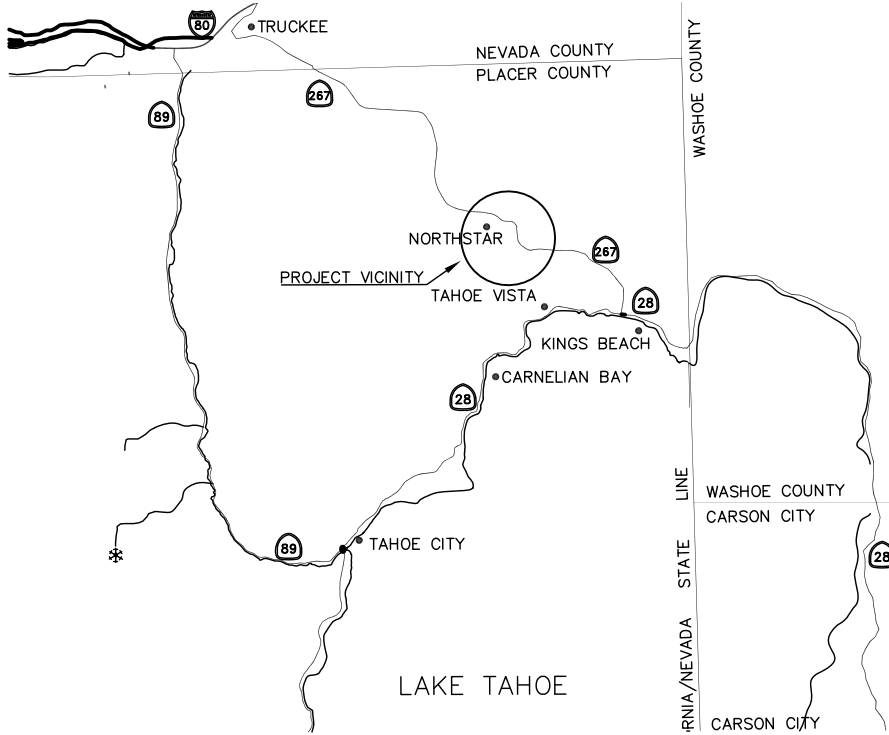
Funding Source	Pre-Construction Phase	Construction Phase	Total Project
	TOTAL (%)	TOTAL (%)	TOTAL (%)
Congestion Mitigation and Air Quality (CMAQ)	\$288,370 (35%)	\$1,941,758 (52%)	\$2,230,128 (49%)
Martis Valley Trail Project Account PJ00065	\$244,879 (29%)	\$1,000,000 (27%)	\$1,244,879 (27%)
Transient Occupancy Tax	\$300,000 (36%)	\$771,637 (21%)	\$1,071,637 (24%)
Total Funding:	\$833,249	\$ 3,713,395	\$4,546,644

ATTACHMENTS

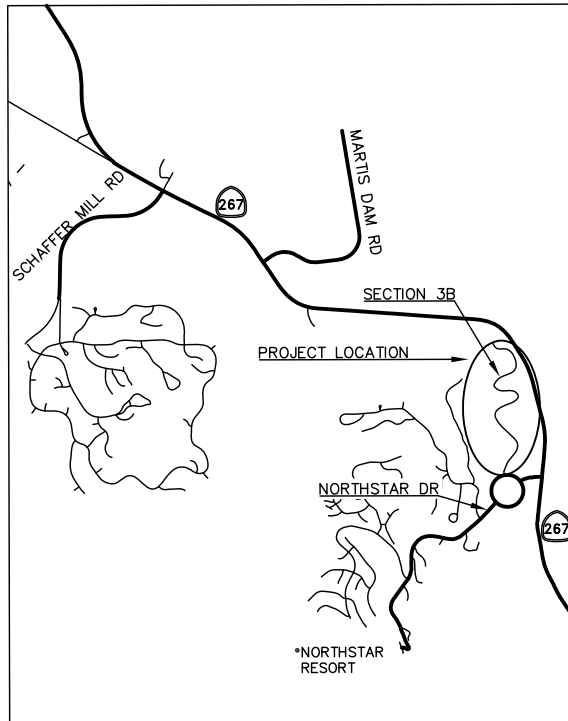
- Attachment A - Location Map
- Attachment B - Finance Plan

On file with Clerk of the Board: Plans and Specifications

MARTIS VALLEY TRAIL



VICINITY MAP
NO SCALE



LOCATION MAP
NO SCALE

Attachment B

FINANCE PLAN

MARTIS VALLEY TRAIL SEGMENT 3B PROJECT

PLACER COUNTY DEPARTMENT OF PUBLIC WORKS

Revised 4/2/2020

Part 1 - Project Expenditure and Park Dedication Fee Loan Summary

ENGINEERS ESTIMATE (CON): \$ 3,713,395.00
 TOTAL CMAQ FUNDING: \$ 1,941,758.00
 TOTAL PARK FEES SECURED: \$ 1,000,000.00
 TOTAL OTHER (TOT+) FUNDS: \$ 771,637.00

Calendar Year	Federal Fiscal Year & Quarter	County Fiscal Year & Quarter	Project Month No.	CMAQ Participating Project Expenditures / Funding Obligations			Park Dedication Fee Loan Summary to Fund Advance Construction Expenditures			
				Cumulative Expenditures (a)	Cumulative Federal Obligations + Match Funding (b)	End of Qtr Project Balance (b) - (a)*	Project Credit/Debit	PDF Program Credit/Debit	Cumulative Project Credit (c)	End of Qtr Project Balance w/ PDF Loan (b)-(a)+(c)
2020	2020 Q3	2020 Q4	0	\$ 928,349	\$ 1,771,637	\$ 843,288	\$ -	\$ -	\$ -	\$ 843,288
2020	2020 Q4	2021 Q1	3	\$ 2,785,046	\$ 1,771,637	\$ (1,013,409)	\$ 1,013,409	\$ (1,013,409)	\$ 1,013,409	\$ -
2020	2021 Q1	2021 Q2	6	\$ 3,713,395	\$ 1,771,637	\$ (1,941,758)	\$ 928,349	\$ (928,349)	\$ 1,941,758	\$ 0
2020	2021 Q2	2021 Q3	9	\$ 3,713,395	\$ 3,713,395	\$ -	\$ (1,941,758)	\$ 1,941,758	\$ -	\$ -

*Note: Negative balance represents Advance Construction expenditure need. Positive project credit from fee program funds AC expenditure need.

Part 2 - Transaction & Balance Detail for Park Dedication Fee Loans

Park Dedication Fee Program Transaction Detail

Loan #1 Area 1 PDF					
Calendar Year	Federal Fiscal Quarter	County Fiscal Quarter	Project Month No.	Current Balance:	
				Debt/Credit	Projected Balance
2020	Q3	Q4	0	\$ -	\$ 2,240,000
2020	Q4	Q1	3	\$ (1,941,758)	\$ 298,242
2020	Q1	Q2	6	\$ -	\$ 298,242
2020	Q2	Q3	9	\$ 941,758	\$ 1,240,000

Loan Amount	\$ (1,941,758)
Loan Term	9 Months
Minimum Balance	\$ 298,242