

Staff Report

for the Administrative Practices Committee Meeting of December 1, 2020

TO: Administrative Practices Committee Members

FROM: Shannon Wood, Business Services Technician
Doug Roderick P.E., Engineering Manager

DATE: November 23, 2020

SUBJECT: Loma Rica Drive District Financed Waterline
Extension – Budget Rollover to 2021

OPERATIONS

RECOMMENDATION:

Review and evaluate the potential project using District Financed Waterline Extension policy criteria, and advance a recommendation to the Board of Directors to approve the project and rollover \$916,232 to the 2021 budget.

BACKGROUND:

The District initially received a petition signed by twenty-three (23) landowners to extend treated water from the south end of Lee Lane continuing on Loma Rica Drive. After reviewing the area as submitted in 2018, it was determined that the area as a whole would not meet the minimum requirement of 60 percent participation to go forward. Staff reduced the area based on clustered interest and proposed a potential project as a viable District Financed Waterline Extension. The Engineering Committee recognized this DFWLE project January 16, 2018.

At the beginning of 2020, the DFWLE budget was reviewed for the Loma Rica DFWLE project. At that time, staff recognized that the 60 percent participation threshold had been reduced to 50 percent therefore making the originally petitioned project feasible; however, the 2020 budget did not cover the entire cost of the project. Staff was waiting to request both the 2020 and 2021 budgets to move the project forward. Since then, the DFWLE budget has not been funded for 2021. The representative for the Loma Rica DFWLE project requested that the District go forward with an appropriately sized project for the amount of funds available in the 2020 budget. Staff has since reviewed the area and is proposing the project as illustrated on the attached map.

The project, as proposed, is approximately 4,363 lf of 8-inch pipe, potentially serving 29 parcels. The portion of the petition represented in the project meets the 50 percent threshold.

There are 29 mainline connections and one (1) variance connection. Based on research on the Nevada County Parcel & Record Map website, there appears to be two (2) vacant parcels. The total not-to-exceed cost per participant, including meter, is \$41,905.

FINANCIAL IMPACT:

The project estimate is \$916,232, of which \$37,270 will be District participation leaving the balance to be recovered through DFWLE Funding Agreements or future District Reimbursement as follows:

Total Project Estimate: \$916,232

Community Investment Stabilization Fund (District Participation): \$37,270

Community Investment Stabilization Fund (Property Owner Participation): \$878,962

Capacity Charge @ \$10,929 + Meter Installation @ \$667 (29 connections): \$336,284

Reimbursement Potential: \$878,962 (based on minimum participation)

Cash Deposit (Good Faith Deposit 15 @ \$3,031): \$45,465 – beginning of project

Deferred Revenue (minimum of 15 @ \$27,278): \$409,170 – over 30 years

Future Reimbursement (14 parcels @ \$30,309): \$424,326 – at request of meter(s)

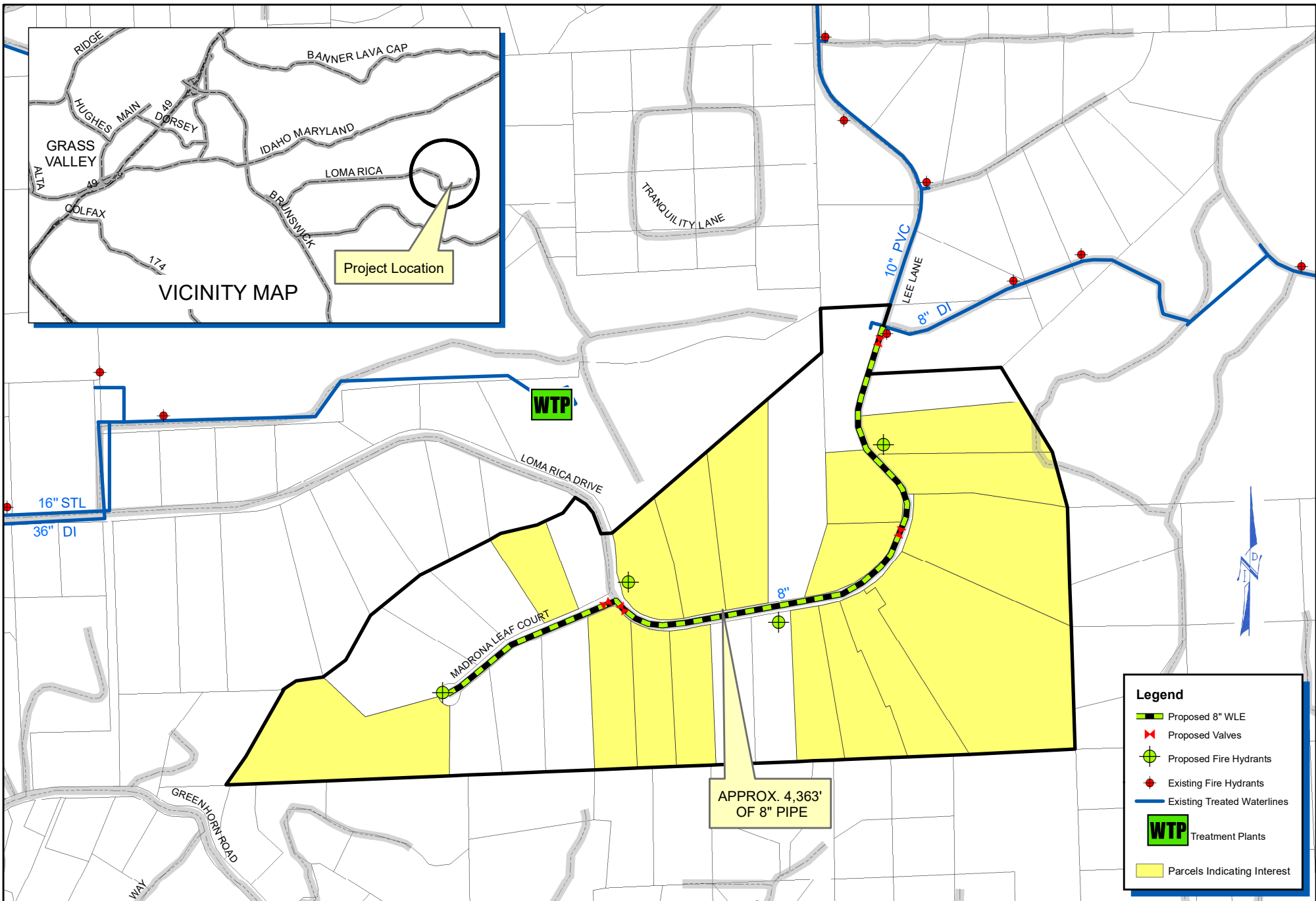
BUDGETARY IMPACT:

Approval of Budget Amendments will reduce the FY 2020 budget account number 10151-52912 by \$916,232, which will cause an increase in the FY 2020 estimated reserve balance. In addition, the requested item will increase the FY 2021 budget account number 10151-52912 by \$916,232, which will cause a decrease in the FY 2021 estimated reserve balance.

Attachments (4):

- Area Map
- Project Estimate
- 2020 Budget Amendment No. BA 2020-159
- 2021 Budget Amendment No. BA 2021-02

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Legend

- Proposed 8" WLE
- Proposed Valves
- Proposed Fire Hydrants
- Existing Fire Hydrants
- Existing Treated Waterlines
- Treatment Plants
- Parcels Indicating Interest



NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

LOMA RICA DRIVE DFWLE - 2020

Drawn By: D. HUNT

Date: 11/24/2020

Scale: 1" = 700' @ 8-1/2x11

Sheet: 1 of 1

Cost Estimate
LOMA RICA DRIVE DFWLE - LIMITED BUDGET
 District Financed Waterline Extension
 December, 2020

ADMINISTRATION

FATR - 2181

Description	Quantity		Unit Cost	Total Cost	District Participation		Project Participant Costs	
					Transmission & Storage Facilities	Community Investment Funds		
Up-Front	Preliminary engineering study (Labor)	1	ls	\$500	\$500	\$0	\$500	\$0
	Engineering administration (Labor)	1	ls	\$1,500	\$1,500	\$0	\$1,500	\$0
	Survey and Engineering (Consultant)	1	ls	\$2,500	\$2,500	\$0	\$2,500	\$0
	Right of way (Labor)	1	ls	\$1,000	\$1,000	\$0	\$1,000	\$0
	Engineering/Administration Subtotal				\$5,500	\$0	\$5,500	\$0
	Burden on Payroll (Labor only)	47	%		\$1,410	\$0	\$1,410	\$0
<i>Subtotal</i>				\$6,910	\$0	\$6,910	\$0	
After Agreement	Contract administration (Labor)	1	ls	\$3,000	\$3,000	\$0	\$0	\$3,000
	Engineering administration (Labor)	1	ls	\$10,000	\$10,000	\$0	\$0	\$10,000
	Engineering (Consulting fees)	1	ls	\$0	\$0	\$0	\$0	\$0
	Drafting (Labor)	1	ls	\$4,000	\$4,000	\$0	\$0	\$4,000
	Survey (Labor)	1	ls	\$10,000	\$10,000	\$0	\$0	\$10,000
	Inspection (Labor)	1	ls	\$10,000	\$10,000	\$0	\$0	\$10,000
	Right of way (Labor)	1	ls	\$5,000	\$5,000	\$0	\$0	\$5,000
	Right of way (Acquisition) ¹	1	ls	\$0	\$0	\$0	\$0	\$0
	Right of way (Consultant)	1	ls	\$0	\$0	\$0	\$0	\$0
	CEQA administration (Labor) ²	1	ls	\$1,000	\$1,000	\$0	\$0	\$1,000
	Fish & Game, CEQA, & Recording Fees	1	ls	\$0	\$0	\$0	\$0	\$0
Engineering/Administration Subtotal				\$43,000	\$0	\$0	\$43,000	
Burden on Payroll (Labor only)	47	%		\$20,210	\$0	\$0	\$20,210	
<i>Subtotal</i>				\$63,210	\$0	\$0	\$63,210	
Administration Subtotal				\$70,120	\$0	\$6,910	\$63,210	

CONSTRUCTION

Description	Quantity		Unit Cost	Total Cost	District Participation		Project Participant Costs
					Transmission & Storage Facilities	Community Investment Funds	
Clearing and grubbing/bonds/mob	1	ls	\$10,000	\$10,000	\$0	\$0	\$10,000
8-inch pipe	4,363	ft	\$110	\$479,930	\$0	\$0	\$479,930
2-inch blowoff	2	ea	\$2,700	\$5,400	\$0	\$0	\$5,400
Air release assembly	2	ea	\$3,600	\$7,200	\$0	\$0	\$7,200
8-inch valve	7	ea	\$2,500	\$17,500	\$0	\$0	\$17,500
Fire hydrant	4	ea	\$6,600	\$26,400	\$0	\$26,400	\$0
Main ending with blowoff	0	ls	\$2,000	\$0	\$0	\$0	\$0
Single service assembly	29	ea	\$3,400	\$98,600	\$0	\$0	\$98,600
Double service assembly	0	ea	\$2,000	\$0	\$0	\$0	\$0
Roadway Restoration - Chip Seal	100,349	sf	\$0.63	\$63,220	\$0	\$0	\$63,220
Patching-Miscellaneous	1	ls	\$20,000	\$15,000	\$0	\$0	\$15,000
Rock Removal	50	cy	\$250	\$12,500	\$0	\$0	\$12,500
<i>Construction Subtotal</i>				\$735,750	\$0	\$26,400	\$709,350
Contingency	15	%		\$110,362	\$0	\$3,960	\$106,402
Construction Subtotal				\$846,112	\$0	\$30,360	\$815,752

TOTAL ESTIMATED PROJECT COST \$916,232 \$0 \$37,270 \$878,962

TOTAL PARTICIPANT COST PER PARCEL = \$30,309

29 Total Parcels

LINEAR FEET PER PARCEL = 150

¹ Public Utility Easement exists on sides of roads; road access easement assumed to be granted by homeowners.

² Cost is for a Categorical Exemption



NEVADA IRRIGATION DISTRICT

BUDGET AMENDMENT FORM

Budget Amendment #

BA 2020 - 159

Date: 12/1/2020
 To: Greg Jones, Interim General Manager
 From: Doug Roderick, Interim Engineering Manager

Initial _____

Budget Increase: Accounts being increased. Enter positive number.

Department	Object / Account	Amount Increase
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Budget Decrease: Accounts being decreased. Enter negative number.

Department	Object / Account	Amount (Decrease)
10151 Engineering	52912 Program: Community Invest	\$ (916,232)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Reserve Impact: Increase = Positive, Decrease = Negative.

Division Funding	Funding Account	Increase/(Decrease)
10 Water Fund	34053 Capacity Fees	916,232
_____	_____	_____
_____	_____	_____

Explanation: Enter narrative explaining reason for amendment.

Rollover FY 2020 budget to FY 2021 for the Loma Rica DFWLE project.

APPROVALS:

	<u>Date</u>	<u>Signature</u>	<u>AGM/FM Initials</u>	<u>Approved/Denied</u>
Level I:				
Level II:				
Level III:				



NEVADA IRRIGATION DISTRICT BUDGET AMENDMENT FORM

Budget
Amendment #

BA 2021-02

Date: 12/1/2020
 To: Greg Jones, Interim General Manager
 From: Doug Roderick, Interim Engineering Manager

Initial _____

Budget Increase: Accounts being increased. Enter positive number.

Department	Object / Account	Amount Increase
10151 Engineering	52912 Program: Community Invest	\$ 916,232

Budget Decrease: Accounts being decreased. Enter negative number.

Department	Object / Account	Amount (Decrease)

Reserve Impact: Increase = Positive, Decrease = Negative.

Division Funding	Funding Account	Increase/(Decrease)
10 Water Fund	34053 Capacity Fees	(916,232)

Explanation: Enter narrative explaining reason for amendment.

Rollover FY 2020 budget to FY 2021 for the Loma Rica DFWLE project.

APPROVALS:

	<u>Date</u>	<u>Signature</u>	<u>AGM/FM Initials</u>	<u>Approved/Denied</u>
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