

Staff Report

for the Board of Directors' Meeting of February 22, 2017

TO: Board of Directors

FROM: Chip Close, Water Operations Manager
Shannon Wood, Business Services Technician

DATE: February 9, 2017

SUBJECT: Alderwood Way District Financed Waterline Extension

OPERATIONS

RECOMMENDATION:

Encumber funds for the Alderwood Way District Financed Waterline Extension project as recommended by the Administrative Practices Committee.

BACKGROUND:

The District received a petition signed by six (6) landowners to extend treated water from Lake Vera Purdon Road east on Alderwood Way. The signed petition meets the 60 percent threshold and the area has been mapped using the current policy methods.

The Engineering Committee recognized this group May 19, 2015. The project proposes approximately 1,260 lf of 8-inch pipe and 560 lf of 4-inch pipe, potentially serving 10 parcels of which 8 are mainline connections and 2 are variance connections. It appears that there are no vacant parcels.

The Administrative Practices Committee reviewed the project at the February 7, 2017 meeting. The committee unanimously agreed to advance to the Board of Directors to encumber funds as appropriate.

BUDGETARY IMPACT: The overall project estimate is \$320,560 of which \$18,700 will be District participation leaving the balance to be recovered through DFWLE Funding Agreements or future District Reimbursement as follows:

Total Project Estimate: \$320,560

Community Investment Stabilization Fund (District Participation): \$18,700

Community Investment Stabilization Fund (Property Owner Participation): \$301,860

Reimbursement Potential:

Cash Deposit (Good Faith Deposit 6 @ \$3,019): \$18,114 – beginning of project

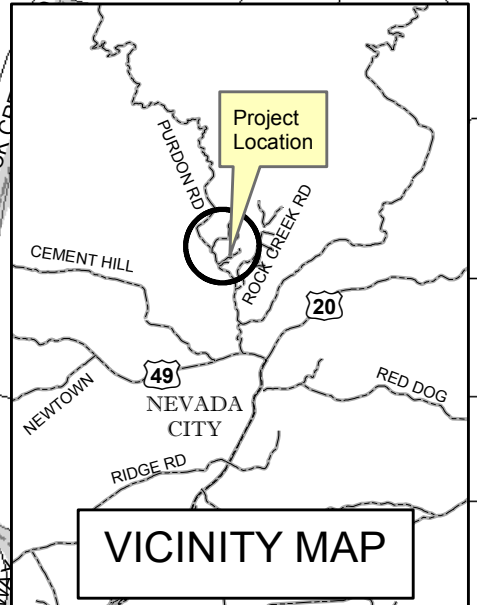
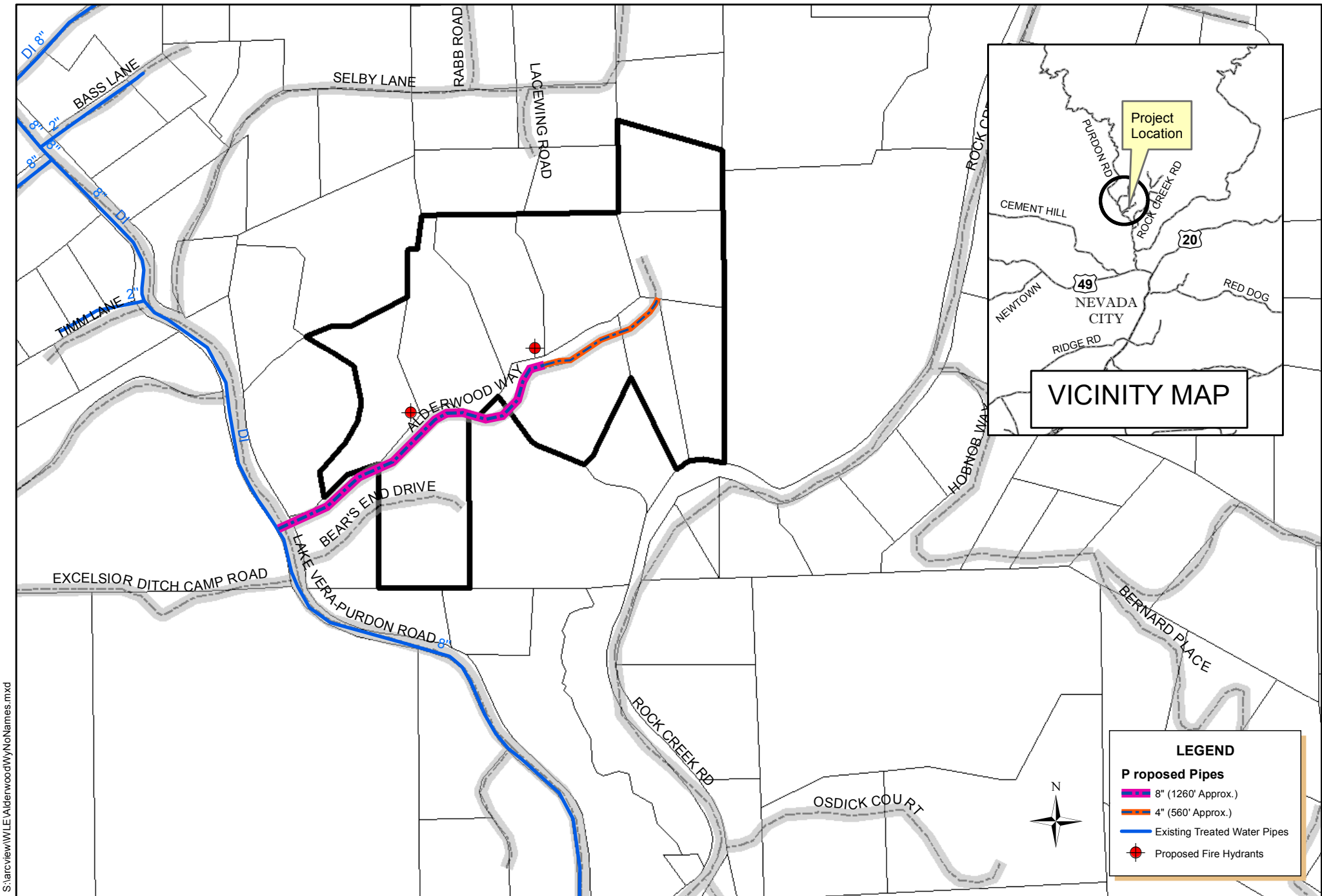
Deferred Revenue (minimum of 6 @ \$27,167): \$163,002 – over 20 years

Future Reimbursement (4 parcels @ \$30,186): \$120,744 – at request of meter(s)

/sm

Attachments (2):

- Project Estimate
- Area Map



LEGEND

P roposed Pipes

- 8" (1260' Approx.)
- 4" (560' Approx.)
- Existing Treated Water Pipes
- Proposed Fire Hydrants



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NEVADA IRRIGATION DISTRICT

NEVADA COUNTY -- PLACER COUNTY
GRASS VALLEY, CALIFORNIA

ALDERWOOD WAY WATERLINE EXTENSION

Drawn By: D. HUNT Date: 1/30/2017 Scale: 1" = 500' @ 8-1/2x11 Sheet: 1 of 1

ALDERWOOD WAY

District Financed Waterline Extension

ADMINISTRATION
Project No. 2012

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 (Labor)	1	ls	\$1,500	\$1,500	\$0	\$1,500	\$0
	Right of way (Labor)	1	ls	\$1,000	\$1,000	\$0	\$1,000	\$0
	Engineering/Administration Subtotal				\$4,500	\$0	\$4,500	\$0
	Burden on Payroll (Labor only)	60	%		\$2,700	\$0	\$2,700	\$0
	<i>Subtotal</i>				\$7,200	\$0	\$7,200	\$0
After Agreement	Contract administration (Labor)	1	ls	\$2,000	\$2,000	\$0	\$0	\$2,000
	Engineering administration (Labor)	1	ls	\$2,000	\$2,000	\$0	\$0	\$2,000
	Engineering (Labor)	1	ls	\$3,000	\$3,000	\$0	\$0	\$3,000
	Drafting (Labor)	1	ls	\$3,000	\$3,000	\$0	\$0	\$3,000
	Survey (Labor)	1	ls	\$6,000	\$6,000	\$0	\$0	\$6,000
	Inspection (Labor)	1	ls	\$4,000	\$4,000	\$0	\$0	\$4,000
	Right of way (Labor)	6	ea	\$500	\$3,000	\$0	\$0	\$3,000
	Right of way (Acquisition) ¹	3	ea	\$3,000	\$9,000	\$0	\$0	\$9,000
	Right of way (Consultant Appraisal)	3	ea	\$2,500	\$7,500	\$0	\$0	\$7,500
	CEQA administration (Labor) ³	1	ls	\$100	\$100	\$0	\$0	\$100
	Fish & Game, CEQA, & Recording Fees	1	ls	\$0	\$0	\$0	\$0	\$0
Engineering/Administration Subtotal				\$39,600	\$0	\$0	\$39,600	
Burden on Payroll (Labor only)	60	%		\$13,860	\$0	\$0	\$13,860	
<i>Subtotal</i>				\$53,460	\$0	\$0	\$53,460	
Administration Subtotal				\$60,660	\$0	\$7,200	\$53,460	

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
4-inch pipe ²	560	ft	\$60	\$33,600	\$0	\$0	\$33,600
8-inch pipe ²	1,260	ft	\$105	\$132,300	\$0	\$0	\$132,300
2-inch blowoff	1	ea	\$2,200	\$2,200	\$0	\$0	\$2,200
Air release assembly	2	ea	\$2,200	\$4,400	\$0	\$0	\$4,400
4-inch valve	1	ea	\$1,000	\$1,000	\$0	\$0	\$1,000
8-inch valve	1	ea	\$2,000	\$2,000	\$0	\$0	\$2,000
Fire hydrant	2	ea	\$5,000	\$10,000	\$0	\$10,000	\$0
Single service assembly	10	ea	\$1,800	\$18,000	\$0	\$0	\$18,000
Rock Removal	50	cy	\$250	\$12,500	\$0	\$0	\$12,500
<i>Construction Subtotal</i>				\$226,000	\$0	\$10,000	\$216,000
Contingency	15	%		\$33,900	\$0	\$1,500	\$32,400
Construction Subtotal				\$259,900	\$0	\$11,500	\$248,400

TOTAL ESTIMATED PROJECT COST \$320,560 \$0 \$18,700 \$301,860

TOTAL PARTICIPANT COST PER PARCEL = \$30,186

10 Total Parcels

2 Variances, 8 Mainline

¹ Easements provided by participating landowners - Non Participating landowner easements purchased

² Cost includes patch of roadway

³ Cost is for a Categorical Exemption