

# Staff Report

for the Board of Directors' Meeting of January 24, 2018

**TO:** Board of Directors

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

**DATE:** January 9, 2018

**SUBJECT:** Lodestar/Victoria Drive District Financed Waterline Extension  
Consent Agenda

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## *OPERATIONS*

### **RECOMMENDATION:**

Encumber funds for the Lodestar/Victoria Drive District Financed Waterline Extension project as recommended by the Administrative Practices Committee.

### **BACKGROUND:**

The District received a petition signed by eight (8) landowners to extend treated water from the corner of Lodestar/Conestoga east on Lodestar Drive continuing on Victoria Drive. 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 November 17, 2015. The project proposes approximately 3,000 lf of 8-inch pipe, potentially serving 14 parcels of which all are mainline connections. It appears that there are two (2) vacant parcels.

The Administrative Practices Committee reviewed the project at the January 9, 2018 special meeting. The committee unanimously agreed to advance to the Board of Directors to encumber funds as appropriate.

**BUDGETARY IMPACT:** The overall project estimate is \$637,494 of which \$28,300 will be District participation leaving the balance to be recovered through DFWLE Funding Agreements or future District Reimbursement as follows:

Total Project Estimate: \$637,494

Community Investment Stabilization Fund (District Participation): \$28,300

Community Investment Stabilization Fund (Property Owner Participation): \$609,194

Reimbursement Potential:

Cash Deposit (Good Faith Deposit 8 @ \$4,351): \$34,808 – beginning of project

Cash Due over \$30,000 Limit (minimum of 8 @ \$9,163): \$73,304 – after project  
reconciliation

Deferred Revenue (minimum of 8 @ \$30,000): \$240,000 – over 20 years

Future Reimbursement (6 parcels @ \$38,278): \$261,084 – at request of meter(s)

CC/sm

Attachments (2):

- Project Estimate
- Area Map

**LODESTAR - VICTORIA DRIVE DFWLE**  
District Financed Waterline Extension

**ADMINISTRATION**

December 20, 2017

EWO - 2011

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	\$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	%		\$1,800	\$0	\$1,800	\$0
	<i>Subtotal</i>				\$6,300	\$0	\$6,300	\$0
After Agreement	Contract administration (Labor)	1	ls	\$3,000	\$3,000	\$0	\$0	\$3,000
	Engineering administration (Labor)	1	ls	\$6,000	\$6,000	\$0	\$0	\$6,000
	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	\$6,000	\$6,000	\$0	\$0	\$6,000
	Inspection (Labor)	1	ls	\$7,000	\$7,000	\$0	\$0	\$7,000
	Right of way (Labor)	4	ea	\$500	\$2,000	\$0	\$0	\$2,000
	Right of way (Acquisition) <sup>1</sup>	0	ea	\$0	\$0	\$0	\$0	\$0
	Right of way (Consultant)	0	ea	\$0	\$0	\$0	\$0	\$0
	CEQA administration (Labor) <sup>3</sup>	1	ls	\$100	\$100	\$0	\$0	\$100
	Fish & Game, CEQA, & Recording Fees	0	ls	\$0	\$0	\$0	\$0	\$0
	Engineering/Administration Subtotal				\$28,100	\$0	\$0	\$28,100
	Burden on Payroll (Labor only)	60	%		\$16,860	\$0	\$0	\$16,860
<i>Subtotal</i>				\$44,960	\$0	\$0	\$44,960	
<b>Administration Subtotal</b>				<b>\$51,260</b>	<b>\$0</b>	<b>\$6,300</b>	<b>\$44,960</b>	

**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	\$20,000	\$20,000	\$0	\$0	\$20,000
8-inch pipe <sup>2</sup>	3,400	ft	\$105	\$357,000	\$0	\$0	\$357,000
Double Chipseal	70,000	sf	\$0.60	\$42,000	\$0	\$0	\$42,000
Micro Surface Brewer Road	96,000	sf	\$0.34	\$32,640	\$0	\$0	\$32,640
2-inch blowoff	2	ea	\$2,200	\$4,400	\$0	\$0	\$4,400
Air release assembly	2	ea	\$2,200	\$4,400	\$0	\$0	\$4,400
8-inch valve	4	ea	\$2,000	\$8,000	\$0	\$0	\$8,000
Fire hydrant	4	ea	\$5,000	\$20,000	\$0	\$20,000	\$0
Main ending with ARV	1	ls	\$4,000	\$4,000	\$0	\$0	\$4,000
Single service assembly	14	ea	\$2,000	\$28,000	\$0	\$0	\$28,000
Rock Removal	50	cy	\$250	\$12,500	\$0	\$0	\$12,500
<i>Construction Subtotal</i>				\$532,940	\$0	\$20,000	\$512,940
Contingency	10	%		\$53,294	\$0	\$2,000	\$51,294
<b>Construction Subtotal</b>				<b>\$586,234</b>	<b>\$0</b>	<b>\$22,000</b>	<b>\$564,234</b>

**TOTAL ESTIMATED PROJECT COST      \$637,494      \$0      \$28,300      \$609,194**

**TOTAL PARTICIPANT COST PER PARCEL =      \$43,514**

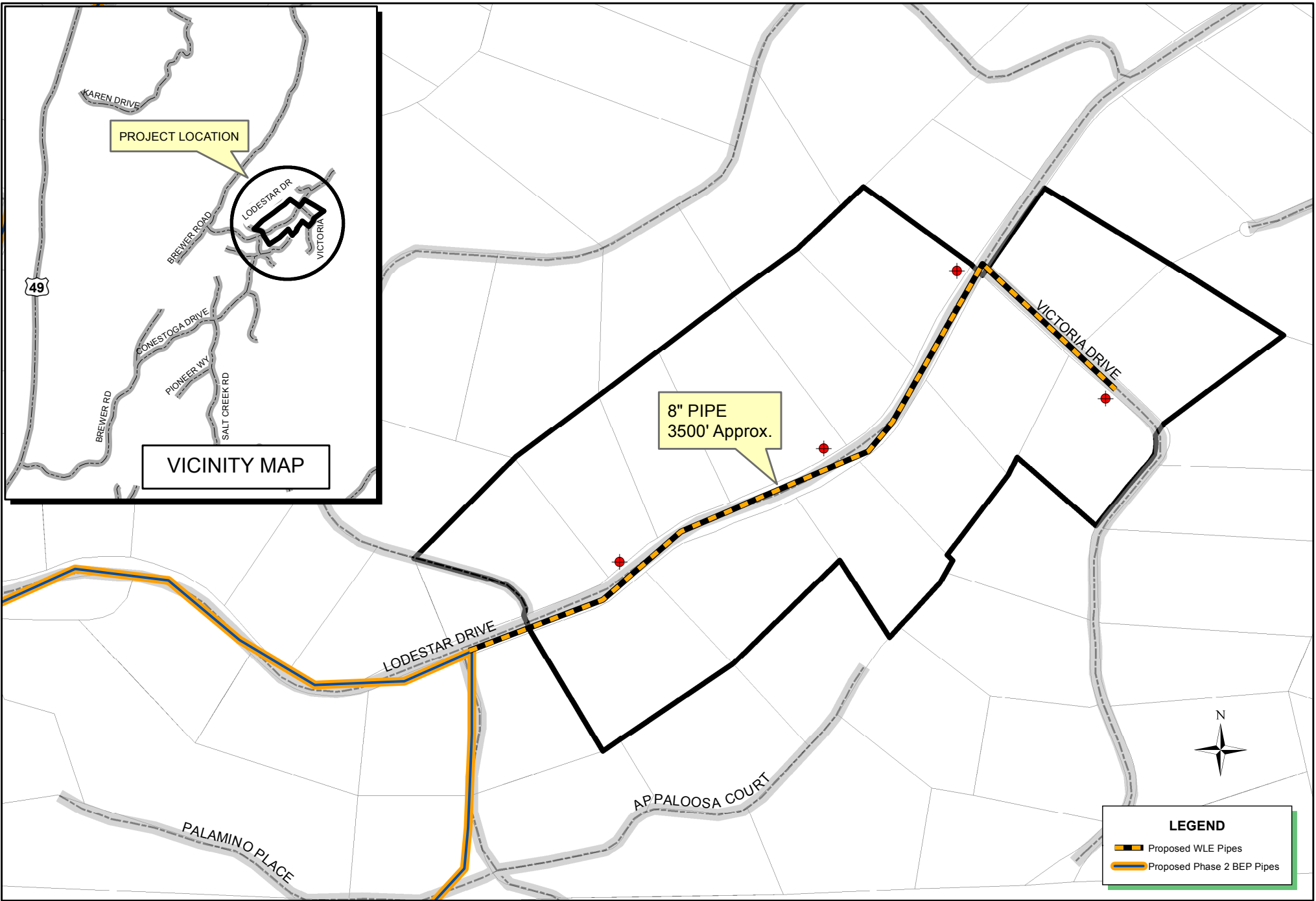
**14 Total Parcels**  
5 Not interested  
9 Interested

**AVERAGE LINEAL FEET OF PIPE PER PARCEL =      243**

<sup>1</sup> Public Utility Easement Exists for Lodestar Drive; 4 Easements will need to be donated on Victoria Drive.

<sup>2</sup> Cost includes patch of trench in roadway. Chipseal is a separate item.

<sup>3</sup> Cost is for a Categorical Exemption





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PROJECT LOCATION

VICINITY MAP

8" PIPE  
3500' Approx.

**LEGEND**

-  Proposed WLE Pipes
-  Proposed Phase 2 BEP Pipes



**NEVADA IRRIGATION DISTRICT**

NEVADA COUNTY -- PLACER COUNTY  
GRASS VALLEY, CALIFORNIA

**LODESTAR VICTORIA DRIVE WATER LINE EXTENSION**

Drawn By: D. HUNT

Date: 1/2/2018

Scale: 1" = 500' @ 8-1/2x11

Sheet: 1 of 1