

# Staff Report

for the Board of Directors' Meeting of September 14, 2016

**TO:** Board of Directors  
**FROM:** Gary King, Engineering Manager  
 Doug Hobbs, Associate Engineer  
**DATE:** September 6, 2016  
**SUBJECT: Backbone Extension Program (BEP)  
 Lodestar – Conestoga Pipeline**

**ENGINEERING**

---



---

**RECOMMENDATION:**

Award contract to McGuire and Hester in the amount of \$1,697,250, approve the associated budget for construction of the Lodestar – Conestoga Pipeline, and authorize the General Manager to execute the documents.

**BACKGROUND:**

The Lodestar – Conestoga Pipeline will complete Phases 3 & 4 of the Alta Sierra to Lake of the Pines (LOP) BEP Project. The pipeline will extend from the intersection of Brewer Road and Lodestar Drive thru the Lodestar and Golden Oaks Subdivisions to the intersection of Salt Creek Road and Pioneer Way. This project will connect the previously constructed pipeline segments to the north and south and enable the areas served to benefit from the higher pressure available in the Alta Sierra system.

Phases 3 & 4 will complete the majority of the required pipeline installation. A pressure sustaining/reducing station is still necessary at the intersection of E. Hacienda Drive and Magnolia Road to connect the Alta Sierra and LOP water systems. Additional improvements will also be required in Alta Sierra and possibly in LOP in order to provide higher flows in the future.

Quotes were requested from nine firms and the following five quotes were received on August 25, 2016:

McGuire & Hester	\$1,697,250
Lorange Brothers	\$1,919,236
T & S Construction	\$1,940,492
Hansen Brothers	\$2,045,520
Teichert Constuction	\$2,058,515

To address a concern of the Lodestar Homeowners Association about the bridge over South Wolf Creek which is owned by the Association, we want to make it clear that the

District will be responsible for any damage to the bridge related to the District's pipeline that will be attached to the underside of the bridge.

**BUDGETARY IMPACT:**

Funding for the project is proposed from a combination of BEP Funds, Capacity Fees, and Community Investment Funds. The project cost share is based on the BEP program funding the equivalent of an 8" pipeline or 44% of the 12" pipeline, Capacity Fees funding the remaining 56% and Community Investment Funds covering the cost of the fire hydrants. The breakdown is as follows:

Total Project Cost	Backbone Extension Program	Capacity Fees	Community Investment Program
\$1,697,250	\$730,862	\$866,388	\$100,000

GDK

Attachments:  
Budget Amendment  
Project Map

NEVADA IRRIGATION DISTRICT
<b>BUDGET AMENDMENT REQUEST</b>

DATE :  
 TO : Remleh Scherzinger, MBA, PE, General Manager  
 FROM: Department Manager Initials: \_\_\_\_\_  
 FROM:

A budget amendment is hereby requested for the following items:

1) Budget Transfer: Operating/capital revenue/expenditure line item:

<u>Department</u>	<u>Object #</u>	<u>Project/Facility #</u>	<u>Increase/(Decrease)</u>
10151	52912		\$ (100,000)
10151	52911	1080	\$ 100,000
_____	_____	_____	\$ -
_____	_____	_____	\$ -

2) Budget Increase: Operating/capital revenue/expenditure line item:

<u>Department</u>	<u>Object #</u>	<u>Project/Facility #</u>	<u>Increase/(Decrease)</u>
10151	52911	1080	\$ 866,388
10	34503		\$ (866,388)
_____	_____	_____	\$ -
_____	_____	_____	\$ -

Explanation:

1) Budget Transfer: Operating/capital revenue/expenditure line item:

Transfer budget from Community Investment Program to Backbone  
Extension Program for Lodestar/Conestoga

---



---

2) Budget Increase: Operating/capital revenue/expenditure line item:

Increase budget for Backbone Extension Program for Lodestar/Conestoga  
funded by Capacity Fee Reserves

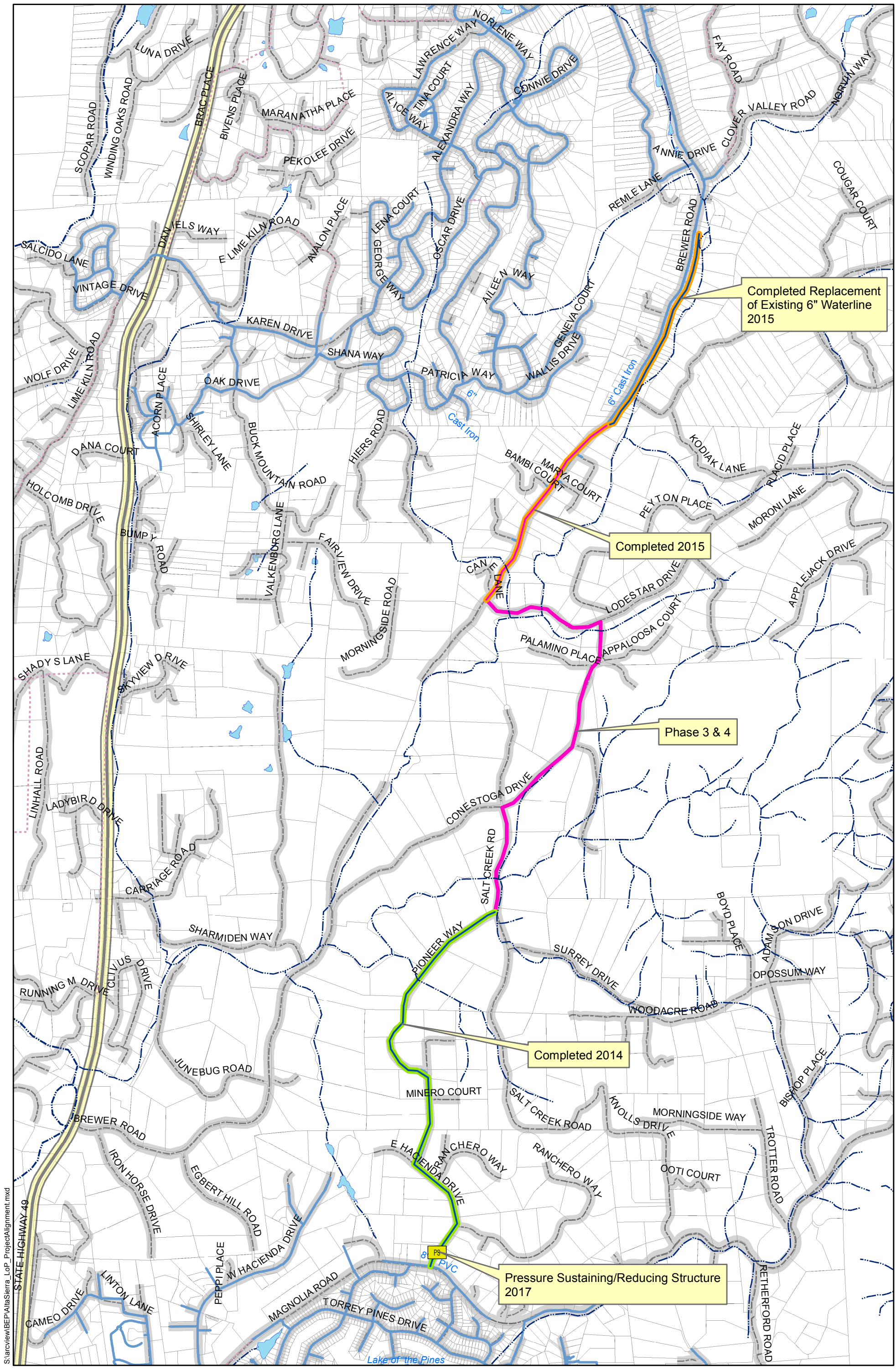
---



---

**APPROVALS:**

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



S:\arcview\BEP\altaSierra\_Lop\_ProjectAlignment.mxd



**NEVADA IRRIGATION DISTRICT**  
 NEVADA COUNTY – PLACER COUNTY  
 GRASS VALLEY, CALIFORNIA

**BEP - ALTA SIERRA / LOP - PROJECT ALIGNMENT**  
 Drawn By: D. HUNT Date: 9/1/2016 Scale: 1" = 2000' @ 11x17 Sheet: 1 of 1