

# Carbon Canal Flume/Flood Control Structure

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## Requester Information

**Legislator: Hinkins, David P.**

Creation Date: 2024-01-30

Submission Date: 2024-01-30

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## Section 1: Request Details

### Description:

The Carbon Canal experienced bank erosion and failure in 2023 as a result of flooding impacts. A large diameter steel culvert, was installed approximately 20 feet deep under the canal many years ago to channel storm water that collects in a major drainage wash that runs perpendicular to the canal. In preceeding years the culvert and wash leading up to the culvert filled in with sediment causing storm water to run over the top of an adjacent gas well road and the Carbon Canal which runs parallel to that road. The over-topping of water severely eroded, weakened and ultimately breached the canal's east bank. The flow of irrigation water was reduced and the season ended earlier than expected so that remedial action could be promptly initiated.

### Legislative designee contact information:

- Name: Kevin Cotner
- Organization: Carbon Canal Company
- Position: President

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## Section 2: Funding Information

### How will the appropriation be used?

	One-time	Ongoing
Personnel Services	2024: \$0.00 2025: \$0.00	\$0.00
In-State Travel	2024: \$0.00 2025: \$0.00	\$0.00
Out-of-state Travel	2024: \$0.00 2025: \$0.00	\$0.00
Supplies and Equipment	2024: \$0.00 2025: \$0.00	\$0.00
Technology Purchases	2024: \$0.00 2025: \$0.00	\$0.00
Infrastructure/Capital Investments	2024: \$0.00 2025: \$669,875.00	\$0.00
Other Charges/Pass Thru	2024: \$0.00 2025: \$0.00	\$0.00
Expenditure Total		
One-time 2024	One-time 2025	Ongoing 2025
\$0.00	\$669,900.00	\$0.00

### Funding Sources:

#### General Fund

- Amount Requested 2024 (One-time) \$0.00

- Amount Requested 2025 (One-time) \$669,875.00
- Amount Requested 2025 (Ongoing) \$0.00

Revenue Total

One-time 2024  
\$0.00

One-time 2025  
\$669,900.00

Ongoing 2025  
\$0.00

**Should unused funding be returned to the state at the end of the fiscal year?**

Yes

**Is this project scalable if the Legislature does not fund the full requested amount?**

No

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## Section 3: Agency Information

### Subjects:

Infrastructure and Mobility  
Land and Environment

### Agency:

560 / Natural Resources

### Type of entity to receive pass-through funding

- Private Not for Profit
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## Section 4: Performance Outcome Measurement

### Who would benefit from this request (who is the target audience)?

All agricultural producers in western and southern Carbon County and northern Emery County, to whom irrigation water is delivered by the Carbon Canal Company during the irrigation season that runs from March 1 through November 30 of each year.

### **What is this project or program intended to accomplish?**

The project involves the installation of a completely enclosed rectangular concrete culvert that will be 4' high, 20' wide, and 120' long and is currently being installed on a grade below the bottom of the canal alignment to safely channel storm water under the canal. Then, on the top of the rectangular culvert a new open channel concrete flume, approximately 118' long, 5' high, and 18' wide will be installed to replace that portion of the original earthen canal that was damaged/breached by storm water in 2023. Completion of the combined concrete structures will enable the irrigation season to commence on time in 2024 and facilitate delivery of irrigation water to the farms of the agricultural producers referenced in 4.1 above.

### **How will the Legislature know whether the project or program achieved its intended purpose?**

This is a straight forward simple project that is being constructed by experienced licensed contractors to be completed prior to commencement of the irrigation season. Following completion and as soon as irrigation water is available, water will be turned into the canal to test the integrity of the flume and its ability to facilitate delivery of irrigation water. Storms will have to be monitored to determine how well the concrete culvert under the grade of the canal can handle and channel flood waters that come down the drainage. The Carbon Canal Company will report their findings directly back to the Legislature as soon as possible in 2024.

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## **Section 5: Other Supporting Documents**

**Intent Language**

**Previous State Funding**