Buncombe County

Barnardsville Flood Project
May 2024
Objectives and Requests

Objectives

• Review of project background
• Update on the funding sources
• Status of Barnardsville Flood project phases
• Overview of the documents in packet

Requested Actions

• Motion to Approve Budget Amendment for Barnardsville Bridge Replacement Grant
• Motion to Approve Agreement with DOT for passthrough funding to build Barnardsville Bridge
• Motion to Adopt Resolution to receive ARPA funding
Map – Stream Migration

2010

2023
Impacted Area
# Funding Sources

<table>
<thead>
<tr>
<th>Grant Source</th>
<th>Purpose of Funds</th>
<th>Amount</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Appropriation of ARPA funds</td>
<td>Stream restoration</td>
<td>$2,750,000</td>
<td>Budget Amendment Approved on Oct. 17th, 2023</td>
</tr>
<tr>
<td>Land and Water Fund grant for right of way acquisition</td>
<td>Purchase impacted properties</td>
<td>$1,008,500</td>
<td>Budget Amendment Approved on Oct. 17th, 2023</td>
</tr>
<tr>
<td>Department of Public Safety Grant</td>
<td>Construction of the new bridge</td>
<td>$2,831,000</td>
<td>Budget Amendment needed, requesting today 5/7/24</td>
</tr>
</tbody>
</table>
Current Project Status

- Right of Way Acquisition and Site Prep – in process
- Stream Restoration – in process
  - Engineer hired
  - Stream restoration design is underway and will be amended should any changes to the new bridge alignment occur
  - Permitting process in progress
  - **ARPA funds**: require Resolution, in packet today
- Bridge Construction – design in process
  - DOT will partner
  - **DPS funds**: requires Budget Amendment and Agreement with DOT, in packet today
1. **Budget Amendment – DPS Grant for Barnardsville Bridge:** Amend budget to include funds from NC Department of Public Safety

2. **DOT Agreement – Passthrough of funds for construction of the Bridge:** Approve agreement with NC Department of Transportation to passthrough DPS grant funds for the construction of Barnardsville Bridge

3. **Resolution to Receive Funding – ARPA Grant:** Required by NC Department of Environmental Quality in order to receive ARPA grant funds for the stream restoration
Next Steps

• Process
  • RFQ for Design/Engineering for Stream Restoration: complete
  • Contract with Design/Engineering Firm Restoration: complete
  • Securing right of way: in process
Requested Actions

1. Motion to Approve Budget Amendment for Barnardsville Bridge Replacement Grant
2. Motion to Approve Agreement with DOT for passthrough funding to build Barnardsville Bridge
3. Motion to Adopt Resolution to receive ARPA funding
Appendix
Project Overview

• The project is located in Barnardsville near the intersection of NC HWY 197 and Paint Fork Road as well as the nearby intersection of Dillingham Creek, Ivy Creek, and the North Forks of Ivy Creek.

• Due to proximity to these waterways, Barnardsville has long been subject to flooding events and was severely impacted by Tropical Storm Fred in 2021.

• Over time, the infrastructure (mainly the bridge and culvert) have aged and is deteriorating.

• The area includes the U.S. Post Office, Barnardsville Elementary School, Ohio Electric Motors, Inc., and the frequent flooding impacts education, economic development and resident well-being. Overtime the creek bed has moved as depicted below.
DOT Agreement

• **Scope:** Barnardsville Bridge Construction Project costs $3,400,000 total. The DPS grant will contribute $2,831,000. Per the Agreement, DOT will contribute the remaining amount.

• **Funding:** The DPS Grant will passthrough Buncombe County to DOT

• **Notes:**
  • Preliminary engineering has started
  • DPS funds will be disbursed quarterly
  • Reporting is due to DPS quarterly. DOT will supply the report for the County to submit.