



BRIDGES NOT BARRIERS

A Collaborative Bridge Bundle
Replacement Project

PROJECT BUDGET

Better Utilizing Investments to Leverage Development (BUILD) Grant Program

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Project Budget

Eligible Expenses

The future eligible expenses total \$24,527,500. The cost estimate is based on 20 percent design plans and includes the capital costs of constructing replacement structures, as well as remaining project development costs, including final design, NEPA clearance, utility relocation, and ROW. BUILD funds would be used for the construction phase only.

The cost estimate, breakdown of funding sources, and commitment of non-federal and other funds for the project are detailed in the tables below. The structures are located in the following census tracts: 56.26, 207.01, 208, 209.01, 209.02, 210.04, 406, 415.06, 9203.02, 9204, 9206, 9307, 9309.01, 9310.01.

The Project Budget is shown in **Table 1**, and the budget split between census tracts is shown in **Table 2**. The budget split between urbanized and rural areas is shown in **Table 3**.

The financial commitment from NCDOT for the non-federal matching funds is included in the submittal package as attachment **Funding Commitments**. The cost estimate has been updated to reflect the current property acquisition values, construction costs and associated escalation.

Table 1: Project Budget Table

Funding Source	Design/NEPA	Utilities/ROW	Construction	Total Funding	%
	Funding Amount	Funding Amount	Funding Amount		
BUILD Funds:	\$0	\$0	\$19,622,000	\$19,622,000	80
Other Federal Funds:	\$0	\$0	\$0	\$0	0
Non-Federal Funds:	\$3,365,000	\$420,000	\$1,120,500	\$4,905,500	20
Total Project Cost:	\$3,365,000	\$420,000	\$20,742,500	\$24,527,500	

Table 2: Census Tract Cost Overview (2020)



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2020 Census Tracts	Project Costs Per Census Tract
9310.01	\$1,500,000
9309.01	\$1,889,000
9307	\$3,641,850
9206	\$1,889,000
9204	\$1,351,000
9203.02	\$1,401,000
415.06	\$1,657,500
406	\$1,500,000
210.04	\$1,948,850
209.02	\$1,175,000
209.01	\$1,303,120
208	\$1,561,875
207.01	\$1,557,650
56.26	\$2,151,562
Total Project Cost:	\$24,527,407

Table 3: Urban and Rural Cost Overview

2010 Census Tracts	Project Costs Per Census Tract
Urban (Population greater than 200,000)	\$5,757,912
Rural (Population less than 200,000)	\$18,769,495
Total Project Cost:	\$24,527,407

Sources, Uses, and Availability

BUILD funding will be applied to the construction of the project. The non-federal match will be sourced from Division Bridge Funds. No additional federal or local funds are associated with the project. In the event of a successful BUILD award, all appropriate steps will be taken to incorporate the projects into the STIP, Charlotte Regional Transportation Planning Organization (CRTPO) TIP, and Cabarrus-Rowan Metropolitan Planning Organization (CRMPO) TIP. A letter of funding commitment has been included in the submittal packet as attachment **Funding Commitments**.

Contingency Amount and Plan

The Bridges not Barriers – A Collaborative Bridge Bundle Replacement Project cost estimate includes a 20 percent contingency.

Level of Design

Three bridges and two culverts have already entered into project development, though they are currently on hold due to funding constraints. The Robinson Church Road and Penninger Road Projects are at a 25 percent design stage. The Austin Grove Road structure is at a 65 percent design stage, and the Old Aquadale Road structure is at an 85 percent design stage. Upon a BUILD award, these bridges are anticipated to “un-pause” and continue design efforts in Q2



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2027 to allow time for the other bridge groups to catch up to a similar design level. The remaining structures are anticipated to enter design in Q3 or Q4 of calendar year 2026.

Cost Estimates

The cost estimates included above are referencing estimates produced on December 10, 2024 by NCDOT Division 10 staff.

Cost Share

Of the required construction costs, \$4,905,500 (20%) will be provided from NCDOT Division 10 Bridge Funds. BUILD funds towards the project would total \$19,622,000 (80%). Together, these funding sources satisfy the statutory cost share requirements of the program.

