



# Town of Coventry

Office of the Town Engineer  
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*TM Penney*

Date: December 8, 2025

To: Town of Coventry Planning & Zoning Commission via Jana Roberson, Town Planner

Re: Bunker Hill Road Bridge Replacement over Rufus Brook Replacement  
8-24 Referral

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The Town of Coventry Engineering Department is seeking the statutory 8-24 referral from the Planning and Zoning Commission for the infrastructure project referenced above.

Coventry has programmed the complete replacement of the 1950s bridge (composite box culvert) that conveys Rufus Brook under Bunker Hill Road. This structure replacement is being funded 50% by the Connecticut Department of Transportation's State Local Bridge Program (SLBP) and 50% by Town Bonding funds approved by the Community in 2023. The poor quality of the super and sub-structure along with the road width and absence of roadside safety qualified the bridge to be awarded under the SLBP.

The new structure will comprise of new concrete (precast) footings, box culvert sections, wingwalls, and parapets. Other improvements such as uniform pavement width of 24 feet, drainage infrastructure and roadside safety guide rail install to protect traveling public from the bridge parapets. The box culvert will be poured with a grouted cobble bottom to enhance the fish passage as directed by the CT DEEP Fisheries Department.

The Project is hoped to be bid in Early 2026 with construction starting and being completed by the end of 2026 Construction Season. The Town will implement a full detour during the portion of the project involving the where the old structure is removed and the new structure and road have been substantially completed.