

**State Bridge Program  
State Project No. 148-212 (Constr.)  
Rehabilitation of Bridge No. 03225  
Route 150 over Unnamed Brook  
Town of Wallingford**

**Purpose and Description of the Project**

This project consists of the rehabilitation of Bridge No. 03225, which carries Route 150 over Unnamed Brook in the town of Wallingford. A location map is attached for reference.

The existing structure, built in the 1860s, is a 6 foot x 7.5 foot stone masonry arch which was extended with a 6 foot reinforced concrete pipe in 1929 when the roadway was widened. The bridge is eligible for the National Register of Historic places as determined by a February 6, 2006, letter from the State's Historic Preservation Officer. The overall length of the structure is approximately 86 feet long with a clear span on the arch of 6 feet. It carries approximately 23 feet of overburden with steep slopes wherein Route 150 is supported with a total roadway width of approximately 34.5 feet curb to curb for three vehicular traffic lanes. The outlet portion of the stone arch and wingwalls are located outside the State's Right of Way.

The proposed project consists of the rehabilitation of the existing stone arch and concrete pipe by repointing and/or re-grouting the mortar joints and loose stones, reconstructing a failing stone masonry wingwall on the southeast side of the arch outlet and providing a widened roadway to meet current geometric standards for the traffic volume occupying the road. The widened roadway will be achieved by providing retaining walls for support while allowing for placement of stable slopes over the stone arch and eliminating the ongoing erosion of the slopes.

Construction will be completed in stages. Two-way traffic will be maintained throughout construction.

Work is anticipated to begin in the spring of 2022 and be completed by the fall of 2022.