

**Form 1. Individual Project Proposal Descriptions and Justification**

Prepared by: Steve Masalin Date Prepared: January 10, 2014

Project Title: Lantern Hill Road Bridge Program Area: Road Infrastructure

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**Project Description:**

Replacement of the bridge over Whitford Brook at the Ledyard-Stonington Town Line.

Evaluation Category: RPH, DF, C

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**Planning Context:**

The existing bridge over Whitford Brook at the Ledyard-Stonington Town Line is too narrow for normal traffic and is particular safe in the event of head-on large vehicular traffic. The Town of Stonington has been conducting and advancing engineering design and planning efforts for several years and have included the replacement of this bridge in their CIP.

Town of Stonington absorbed the costs of advancing this initiative, which has included survey, wetlands delineation, and plan drawing of the existing conditions. The Towns of Ledyard and Stonington would split the expense of final engineering and replacement since it is a shared bridge.

Preliminary engineering was funded through the FY12 CIP in the amount of \$15,000 (50% cost share portion). Of this, \$4,400 has been expended. To date, an engineering study has been completed with detailed design still remaining. But the study updated construction cost estimates. The engineering effort has been paused while funding alternatives are evaluated for construction.

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**Schedule:** The project will proceed as full funding for it is appropriated by both towns.

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**Coordination:** May need to coordinate with resurfacing of Lantern Hill Rd.

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**Previous Town Meeting Action:** N/A

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**Project Priority**

H priority within program area

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**Estimated Cost:** \$ 375,000 (approx. 50% of total estimate of \$750,000)

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**Form 1 (Continued)**

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**Basis of Cost Estimate:** Check one of the following. If you want to provide more detail on the estimate, do so with a narrative after indicating the type of estimate.

- Cost of comparable facility or equipment
  - Rule of thumb indicator, unit costs
  - From the cost estimate from engineer, architect, or vendor
  - From bids received
  - Preliminary estimate, (e.g. no other basis for estimate, guesstimate)
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**Alternative Financing:** This project in its entirety would be eligible for LoCIP funding. The bridge is not in the State's bridge program inventory of bridges eligible for funding. More recently, because Lantern Hill Road is on the Indian Reservation Road list for the MPTN, the project would be eligible for BIA funding, though this is very competitive.

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