

Form 1. Individual Project Proposal Descriptions and Justification

Prepared by: Steve Masalin Date Prepared: January 9, 2013

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

Project Description:

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

Evaluation Category: RPH, DF, C

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 opportunities for securing Federal BIA funding through the MPTN are explored.

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

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

Previous Town Meeting Action: N/A

Project Priority

H priority within program area

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

Form 1 (Continued)

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.

Form 2. Project Summary and Impact of Individual Project Proposal on Operating Budget

Date Prepared: 01/09/13 Department: Public Works
 Prepared By: Steve Masalin
 Approved By:
 Project Title: Lantern Hill Road Bridge Replacement
 Work Done in Prior Years, if applicable: None.

Project Summary:

Cost Elements	FY14 Cost	FY15 Cost	FY16 Cost	FY17 Cost	FY18 Cost	Cost to Date	TOTAL
Planning/Design						\$15,000	\$15,000
Site Acquisition							\$0
Site Improvement							\$0
Construction	\$375,000						\$375,000
Purchase of Equipment							\$0
Other							\$0
Contingency							\$0
TOTAL						\$15,000	\$15,000

Impact of Individual Project Proposal on Operating Budget

Cost Elements	FY13 Cost	FY14 Cost	FY15 Cost	FY16 Cost	FY17 Cost	FY18 Cost	Explanation
Payroll & Fringes							
Professional Services							
Miscellaneous Expenses							
Other							
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0