



TOWN OF PLYMOUTH

DEPARTMENT OF PUBLIC WORKS

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MEMO

Date: February 9, 2017

To: Melissa Arrighi, Town Manager

cc: Board of Selectmen
Lynne Barrett, Finance Director
Sid Kashi, Town Engineer

From: Jonathan Beder,  Director of Public Works

Re: Road Pavement Preservation-\$5,000,000.00

In 2011, the DPW developed a Pavement Management Program for our 200 miles of Accepted Roads. The project scope entailed visual inspections of Town roadways to identify surface distresses and roadway features. The goal of the inspection program was to provide the Town with an independent evaluation of the roadway network.

In 2012 the Selectmen as Road Commissioners adopted this program to be used as the primary device for planning future road projects. In 2013, the scope was expanded to include the Town's unaccepted roads to the program, allowing the Town to evaluate approximately 400 miles of roadway with the program (5th largest road network in the state).

Our Chapter 90 disbursement cannot keep up with the necessary road improvements needed. Each year, we fall further behind in terms of necessary road repairs. Significant investment is needed to properly maintain and manage Plymouth's road network. The \$5M FY18 funding request would go towards all roadway improvements to including road reconstruction, paving, sidewalks, line striping, police details, and drainage, on accepted and unaccepted paved roads per the pavement management program.

These funds would be allocated at a 70/30 split to our accepted and unaccepted roads respectively. \$3.5M would go towards accepted and the remaining \$1.5M would go towards unaccepted improvements. This split represents the same ratio as our number of paved road miles at 200 accepted, and 90 paved miles of unaccepted. Should Town Meeting appropriate funding for this, the DPW anticipates spending the funds during the 2017 and 2018 construction seasons.



In working with the Finance Director, we are recommending a new funding mechanism by creating a Pavement Management Debt Stabilization Fund with excess proceeds from Motor Vehicle Excise Receipts from the annual budget process. This is being requested under a separate article within the Special Town Meeting. The purpose of this fund would be to accumulate funds from motor vehicle excise and allocate them at future Town Meetings to pay for the debt service associated with the Road Pavement Preservation Projects.

Funding this request would allow us to utilize the road program to its fullest extent and begin to invest/rehabilitate our paved roads (accepted and unaccepted) on a detailed and dedicated schedule.

We respectfully request that Board of Selectmen acting in their capacity as Road Commissioners support this Article 9 request.