



Article 55

2015 Road Program

ARTICLE 55. Mr. Smith moves: that the Town appropriate the amount of \$1,300,000 to be expended under the direction of the Town Manager for the design, repair, reconstruction or renovation of roads and streets within the town, including drainage and sidewalk improvements, and costs incidental or related thereto; and that to meet this appropriation, the Treasurer, with the approval of the Board of Selectmen, be authorized to borrow \$1,300,000 under the provisions of Chapter 44, §7 of the Massachusetts General Laws, or any other enabling authority; and further to authorize the Town Manager to apply for, accept and expend state grants as may be available for the same purpose and to authorize the Treasurer, with the approval of the Board of Selectmen, to borrow up to the amount stipulated in such grant or grants under the provisions of Chapter 44, §§ 6 and/or 6A, of the Massachusetts General Laws, in anticipation of reimbursement of such amount; and that the Board of Selectmen and Town Manager are authorized to take any actions necessary or convenient to carry out this vote.



Article 55

2015 Road Program Goals

- Repair and maintain the Town's 107 mile roadway network.
- Recommend adequate investments to repair both:
Major roadways and Residential roadways.
- Coordinate roadway projects with planned utility work (CMLP, CPW W/S, National Grid, etc.)
- Evaluate and implement drainage and safety improvements when applicable.





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2015 Road Program Funding Sources

- State aid – Chapter 90
 - ✓ Approximately \$689,000
- Roads Repair Revolving Fund
 - ✓ Road Cut Fees Collected
 - ✓ Approximately \$120,000 Annually
- CPW Operational Budget (Maintenance)
 - ✓ \$19,500 Crack Sealing
 - ✓ \$39,400 Pavement for Patching
- CPW Capital Budget
 - ✓ \$95,000 Roadway Rehabilitation
- ***Bonding Authorization Request***
 - ✓ ***\$1,300,000***





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2015 Road Program Lowell Road Culvert



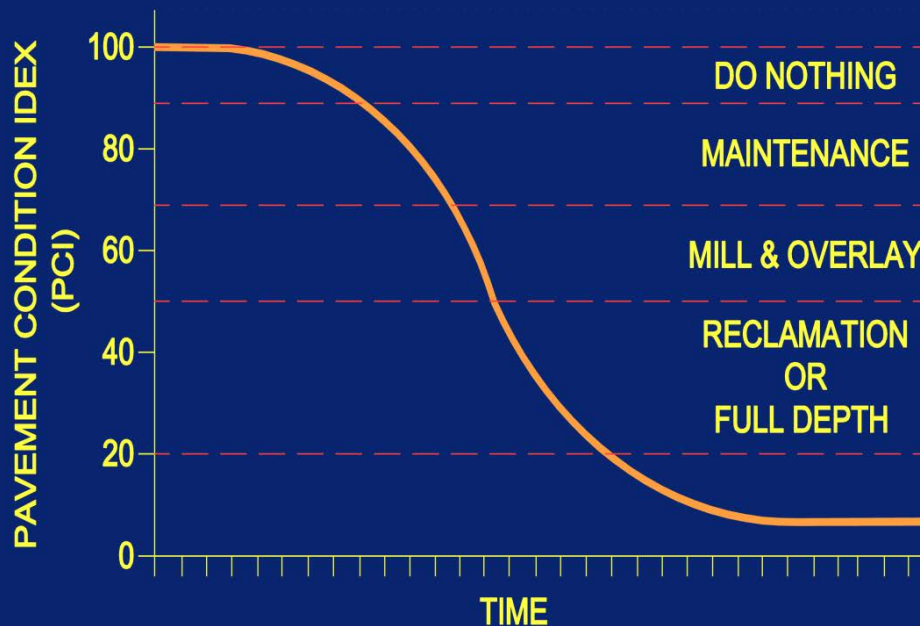
- FY2015 borrowing request increase of \$400,000
 - ✓ Included in previous capital outlays
 - ✓ Additional Funding targeted toward the **Lowell Road Culvert Improvement Project**
 - ✓ Supplement anticipated FEMA HMGP Funding

- FEMA HMGP – Hazard Mitigation Grant Program
 - ✓ Funds long term mitigation project to reduce loss of life and property after disaster declaration (Hurricane, Flooding)
 - ✓ Successful Applications for Fitchburg Tpk & Westford Rd.
 - ✓ Lowell Road Culvert Improvement Project
 - Identified in March 2010
 - Spring 2012 – HMGP Application
 - September 2012 – Project Waitlisted
 - March 2013 - MEMA Recommends Project to FEMA

- \$925,000 Construction Cost (75% Federal, 25% Local)
 - ✓ \$506,250 - Federal Share (75%)
 - ✓ \$168,750 - Town Match (25%)
 - ✓ \$250,000 - Curb to Curb Paving (work not in grant application)

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2015 Road Program Project Selection



Project Selection

1. Condition Inventory (Assign PCI)
2. Develop Treatment Strategies
3. Develop Project List
4. Rank Projects (Assign BVI)

Recommended Investment

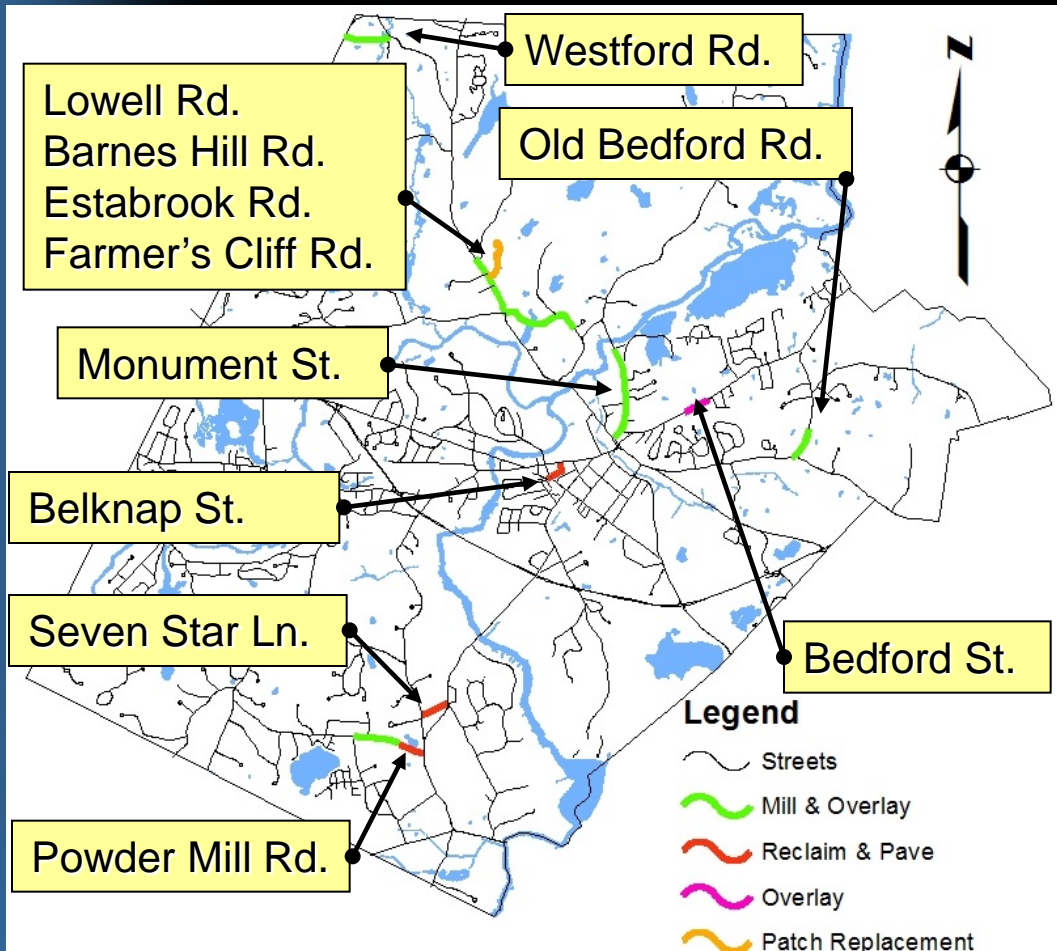
\$1.5 Million Dollar investment in pavement rehabilitation is required to maintain the Townwide target pavement condition of 80 PCI.



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2015 Road Program

Preliminary Plan



3.4 Miles of Road Improvement

Mill and Overlay:

- Monument Street (*Sudbury Road to Plainfield Rd.*)
- Old Bedford Road (*Lexington Road to Meriam Rd.*)
- Spencer Brook Road (*Town Line to Westford Rd.*)
- Barnes Hill Road
- Estabrook Road
- Lowell Road (*Barrett's Mill Rd. to Hugh Cargill Rd.*)

Reclamation:

- Seven Star Lane
- Belknap Street

Combination (M/O & Reclaim):

- Powder Mill Road (*Sudbury Road to Plainfield Rd.*)

Patch Repair:

- Farmer's Cliff Road



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