

Article 42

2016 Road Program



Mr. Smith moves: that the Town appropriate the sum of \$1,200,000 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 \$1,200,000 under the provisions of Chapter 44, §7 (5) 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.



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2016 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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2016 Road Program Funding Sources

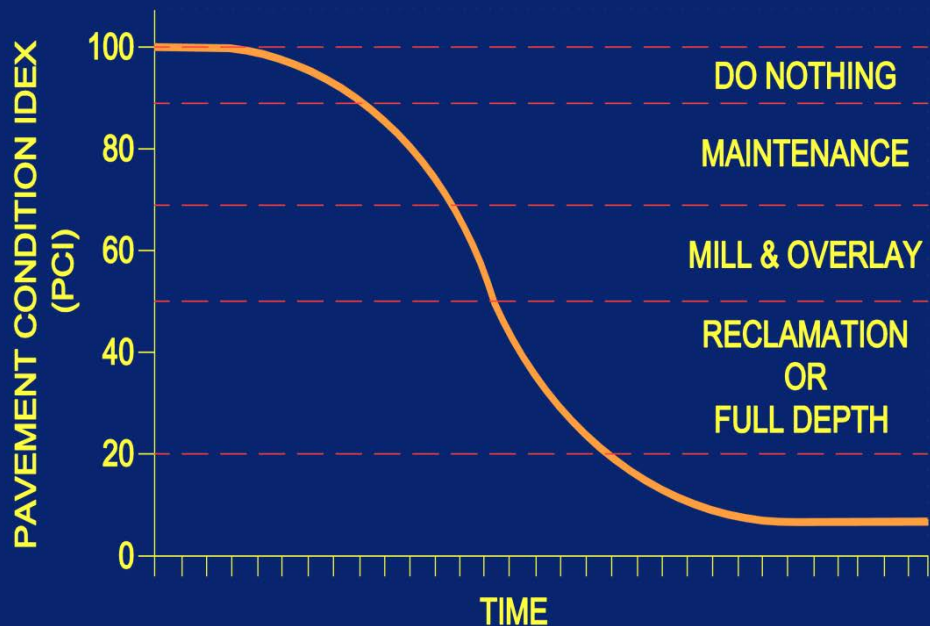
- State Aid (Chapter 90)
 - ✓ Approximately \$1,015,000
- Road Repair Revolving Fund (Article 43)
 - ✓ Road Cut Fees Collected
 - ✓ Approximately \$165,000
- CPW Operational Budget (Article 21, Item 17C)
 - ✓ \$18,000 Crack Sealing
 - ✓ \$41,800 Pavement for Patching
- CPW Capital Budget (Article 21, Item 23)
 - ✓ \$90,000 Roadway Rehabilitation
- **Bonding Authorization Request**
 - ✓ **\$1,200,000**





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2016 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

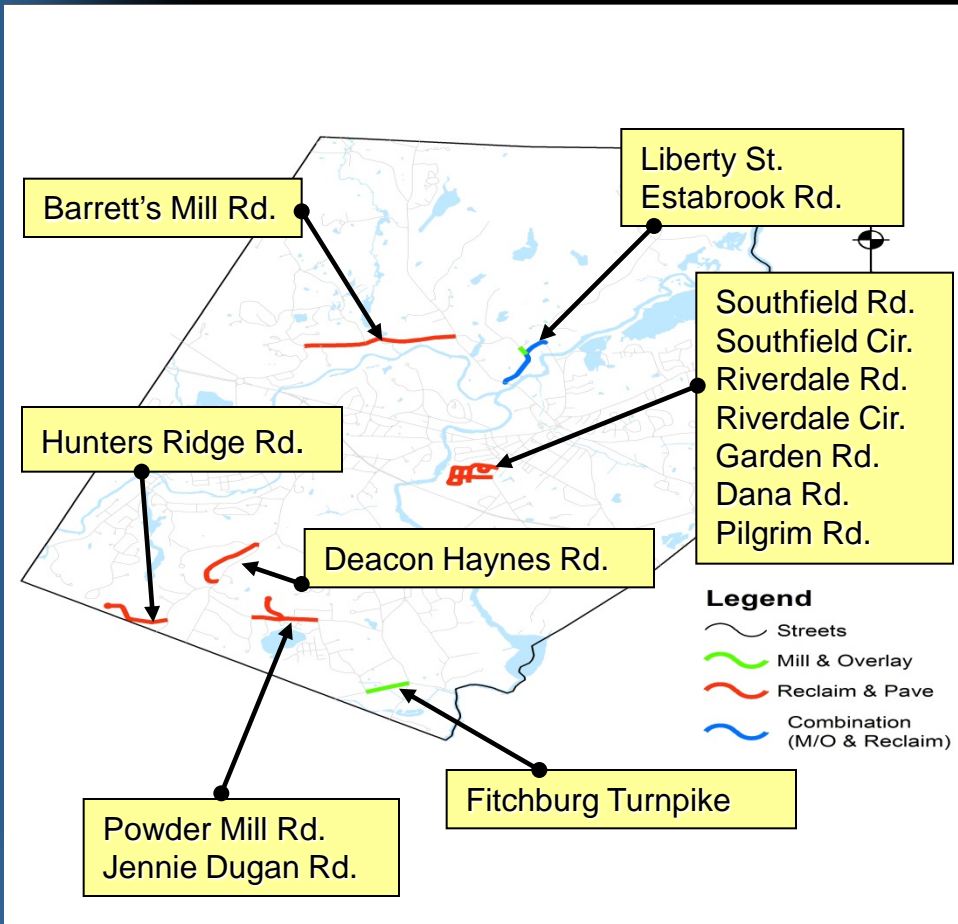
\$1.5 Million Dollar investment in pavement rehabilitation is required to maintain the Townwide target pavement condition of 80 PCI.



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Preliminary Plan



6.47 Miles of Road Improvement

Mill and Overlay:

- Estabrook Road (*Liberty St. to Cedar Way*)
- Fitchburg Turnpike (*Plainfield Rd. to Sudbury Rd.*)
- Barrett's Mill Road (*Lowell Rd. to College Rd.*)

Reclamation:

- Southfield Road
- Southfield Circle
- Riverdale Road
- Riverdale Circle
- Garden Road
- Dana Road
- Pilgrim Road
- Powder Mill Road
- Jennie Dugan Road
- Hunters Ridge Road
- Deacon Haynes Road

Combination (M/O & Reclaim):

- Liberty Street (*Lowell Rd. to Monument St.*)



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