



Article 26

2016 Road Program

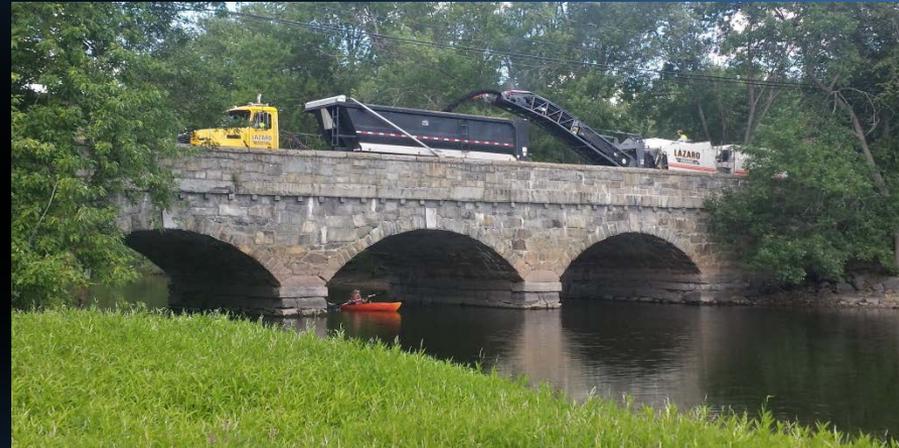
ARTICLE 26. To determine whether the Town will vote to raise and appropriate, or transfer from available funds in the treasury, or authorize the Town Treasurer with the approval of the Select Board, to borrow by the issuance of bonds or notes under the provisions of Chapter 44 of the Massachusetts General Laws, the sum of \$1,350,000, or any other sum, for the repair, reconstruction, renovation or design of roads, streets and parking lots within the town including drainage, curbing and sidewalk improvements said funds to be expended under the direction of the Town Manager; and further that the Town Manager be authorized to accept and expend state grants as may be available for the same purpose, and that the Treasurer, with the approval of the Select Board, be authorized to borrow up to the amount stipulated in such grant or grants under the provisions of Chapter 44 of the Massachusetts General Laws, in anticipation of reimbursement of this amount, or take any other action relative thereto.



Article 26

2016 Road Program Goals

- Repair and maintain the Town's 107 mile roadway network and paved public infrastructure.
- Recommend adequate investments to repair:
 - Arterial/Collector and Residential Roadways
 - Off-street Parking Facilities
 - Access Drives
- 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

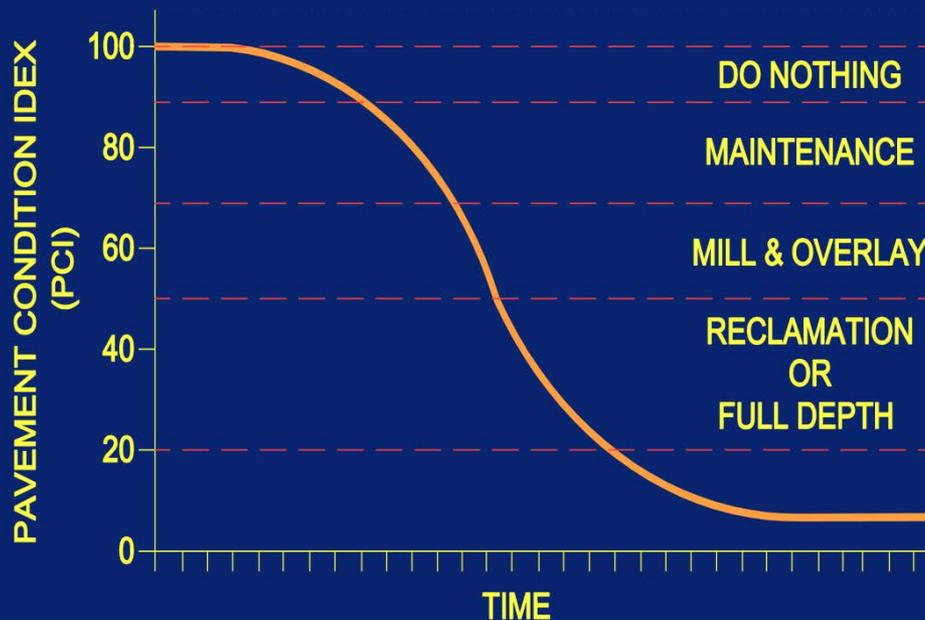
- State Aid (Chapter 90)
 - ✓ Approximately \$680,000 Annually
- Roads Repair Revolving Fund (Article 27)
 - ✓ Road Cut Fees Collected
 - ✓ Approximately \$140,000
- CPW Operational Budget (Article 7, Item 17C)
 - ✓ \$20,000 Crack Sealing
 - ✓ \$10,000 Infrared Patching
 - ✓ \$41,800 Pavement for Patching
- CPW Capital Budget (Article 7, Item 23)
 - ✓ \$90,000 Roadway Improvements
- **Bonding Authorization Request**
 - ✓ **\$1,350,000**





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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

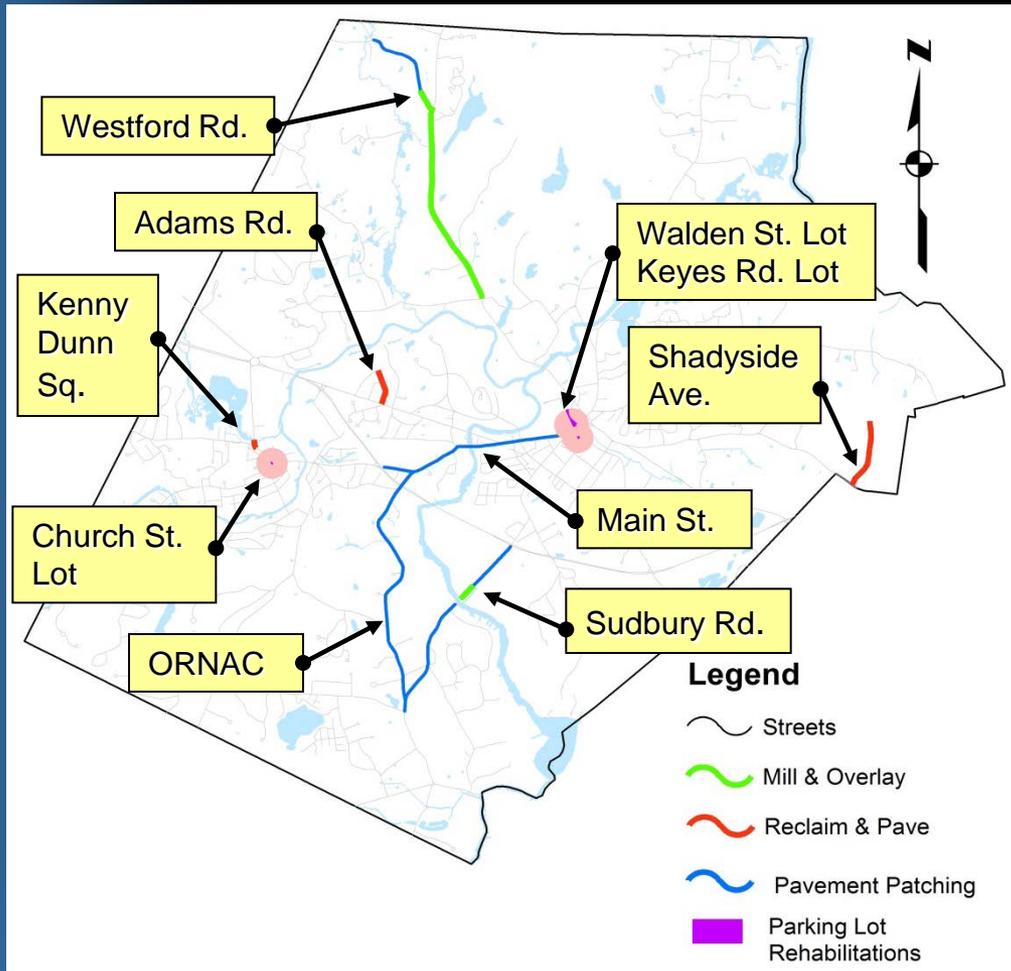
\$1.5 Million Dollar investment in pavement rehabilitation is required to maintain the Townwide target pavement condition of 80 PCI.



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Preliminary Plan



2.7 Miles of Road Reconstruction

- ❖ *Mill and Overlay*
 - Lowell Road (*Barrett's Mill Rd. to Westford Rd.*)
 - Westford Road (*900' Section West of Lowell Rd.*)
 - Sudbury Road (*1,000' Section at Heath's Bridge*)
- ❖ *Reclamation Treatment:*
 - Kenny Dunn Square
 - Shadyside Avenue
 - Adams Road

5.4 Miles of Planned Patching

- ORNAC
- Main Street (*Sudbury Rd. to Rte 2*)
- Sudbury Road (*Rte 2 to Powder Mill Road*)
- Westford Road

Parking Lot Rehabilitation

- Keyes Road
- Walden Street
- Church Street



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