



Article 47

2017 Roads & Parking Lot Program

ARTICLE 47. 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 \$1,415,000, 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, and further that any premium received by the Town upon the sale of any bonds or notes approved by this vote, less any such premium applied to the payment of costs approved by this vote in accordance with Chapter 44, section 20 of the Massachusetts General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount, or take any other action relative thereto.



Article 47

2017 Roads & Parking Lot 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 projects with planned utility work (CMLP, CPW W/S, National Grid, etc.)
- Evaluate and implement drainage and safety improvements when applicable.





Article 47

2017 Roads & Parking Lot Program Funding Sources

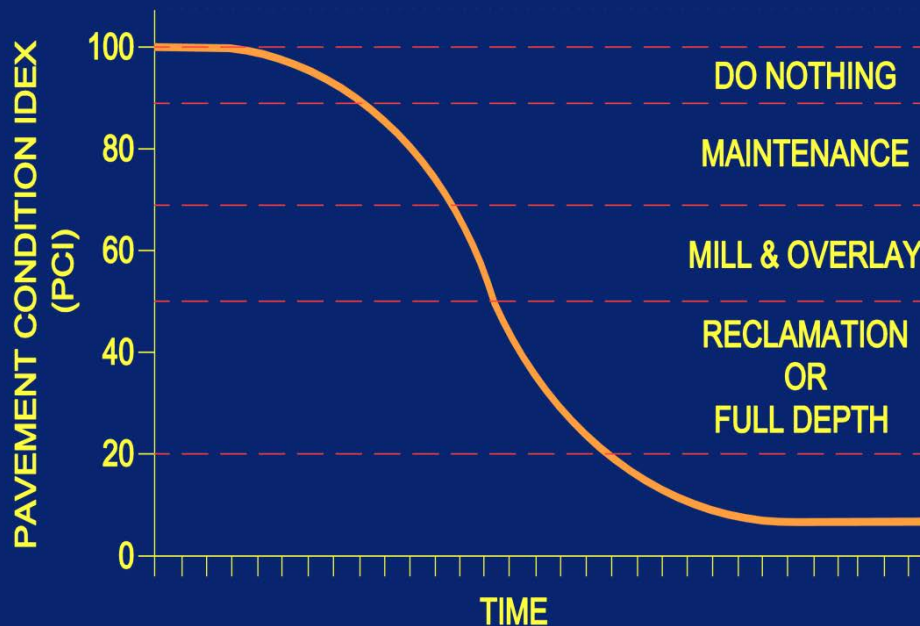
- State Aid (Chapter 90)
 - ✓ Approximately \$680,000 Annually
- Roads Repair Revolving Fund (Article 45)
 - ✓ Road Cut Fees Collected
 - ✓ Approximately \$120,000
- CPW Operational Budget (Article 7, Item 17C)
 - ✓ \$20,000 Crack Sealing
 - ✓ \$18,000 Infrared Patching
 - ✓ \$43,050 Pavement for Patching
- CPW Capital Budget (Article 7, Item 23)
 - ✓ \$90,000 Roadway Improvements
- **Bonding Authorization Request**
 - ✓ **\$1,415,000**





Article 47

2017 Roads & Parking Lot 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.



Article 47

2017 Roads & Parking Lot Program Preliminary Plan

4.3 Miles of Road Reconstruction

➤ Mill and Overlay

- Lowell Road (*Barrett's Mill Rd. to Westford Rd.*)
- Laurel Street (*Thoreau St. to Stow St.*)
- Monument Street (*Bridge to Hutchins Farm*)
- Sudbury Road (*Fitchburg Tpk. to Town Line*)
- ORNAC (*Main St. to Rte. 2*)

➤ Reclamation Treatment:

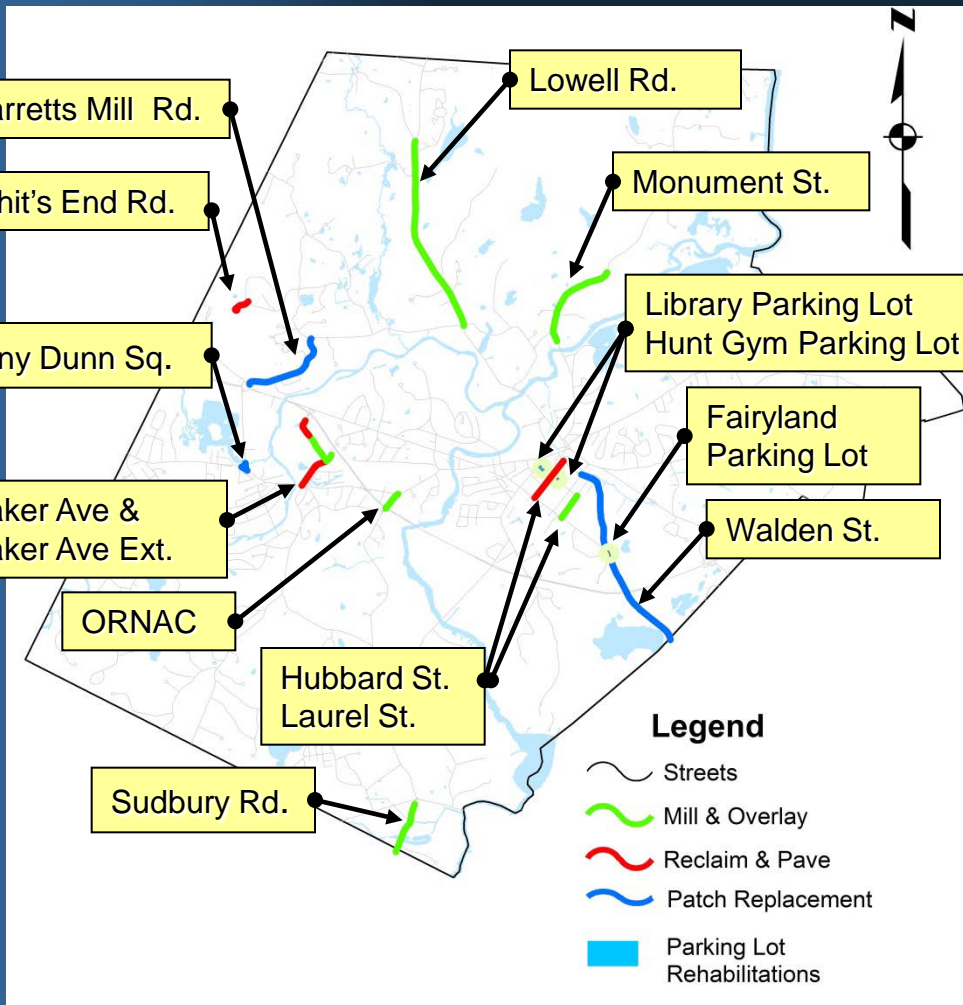
- Whit's End Road
- Baker Avenue (*Main St. to Baker Ave Ext.*)
- Baker Avenue Extension
- Hubbard Street

1.7 Miles of Planned Patching

- Walden Street (*Heywood St. to Rte 2*)
- Barrett's Mill Road (*College Ave. to Rte 2*)
- Kenny Dunn Square

Parking Lot Rehabilitation

- Fairyland Parking Lot – Walden Street
- Library Parking Lot - Stow Street
- Hunt Gym Parking Lot – Stow Street





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