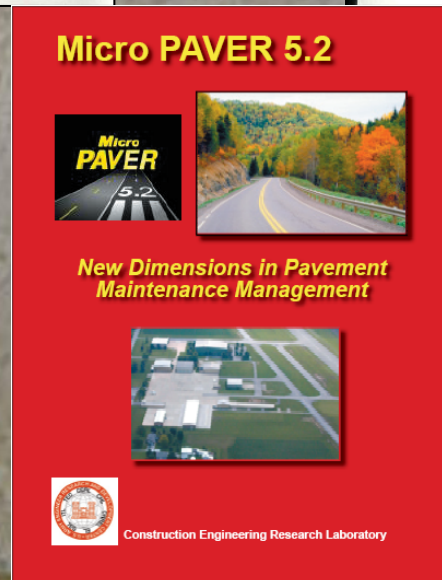
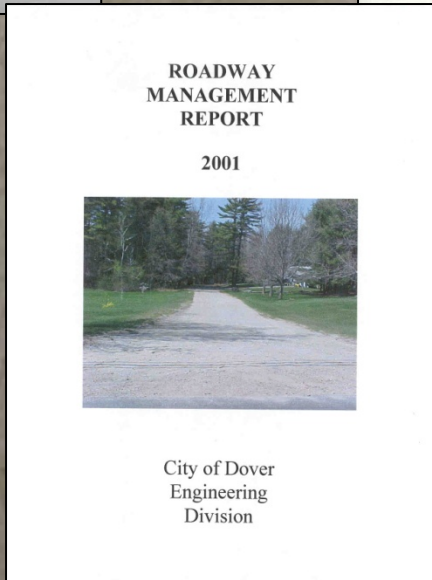
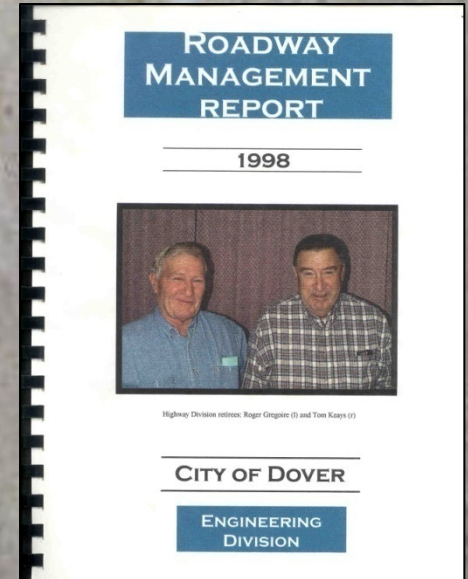
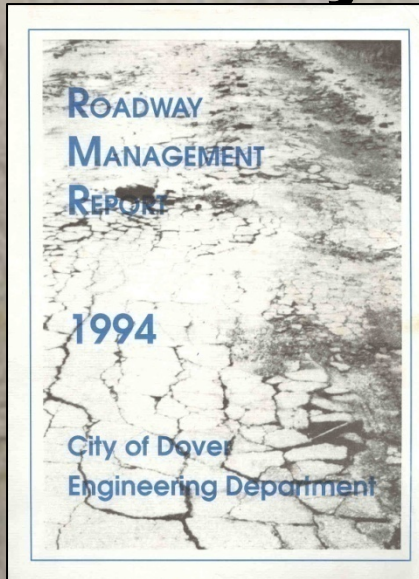
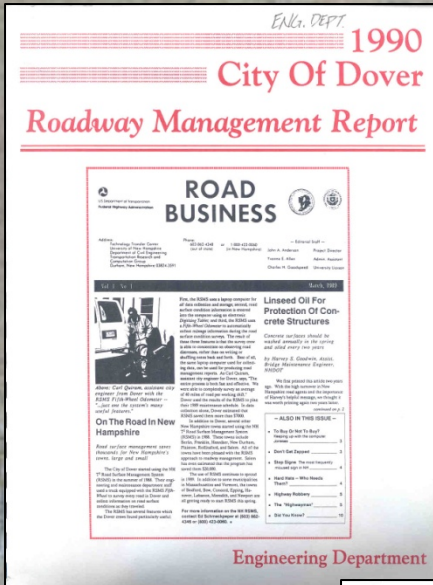


Street and Sidewalk Policy



Dover's Pavement Management History



Pavement Management Philosophy

- Pavement Management is the practice of planning for pavement repairs and maintenance with the goal of maximizing the value and life of a pavement network.
- Micro PAVER Program is currently being used and has been since 2003
- Micro PAVER has been endorsed by the American Public Works Association.



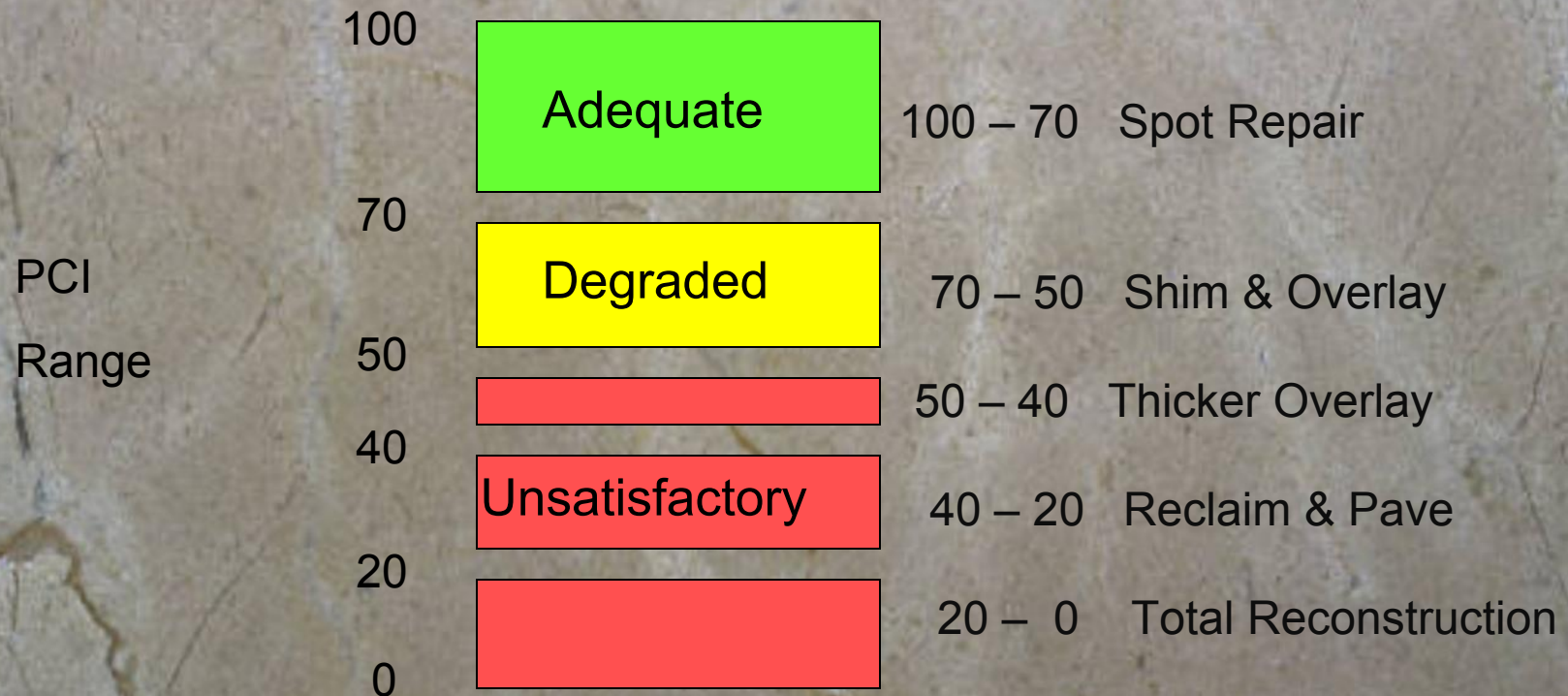
City of Dover
Pavement Management Plan

**Prepared and Presented by
City of Dover Engineering Department
and Vanasse Hangen Brustlin, Inc.
April, 2008**

Typical Road Deterioration Curve



Repair Categories



Paving – Street Selection

- Annually street list generated by Micro-PAVER program and reviewed by staff.
- Staff takes the following into consideration:
Water, Sewer, Drainage, Sidewalks,
Capital Improvement Program, and
Available Funding.

Procedure after selection

- Streets with minimal infrastructure improvement needs are repaired and paved (overlays and reclamation)
 - These Streets are funded out of the General Fund Streets Capital Outlay Budget.

- Streets with significant utility or sidewalk repairs are categorized as individual Capital Improvement Projects.
 - Example projects are Tolend and Watson Roads, and the Applevale Area.
 - Projects of this size are Debt Financed.

Repair Strategies

- Repair localized roadway problems with pavement preservation methods such as:
 - Crack Sealing
 - Cut and patch
 - Grind and Patch
 - Shim and Overlays

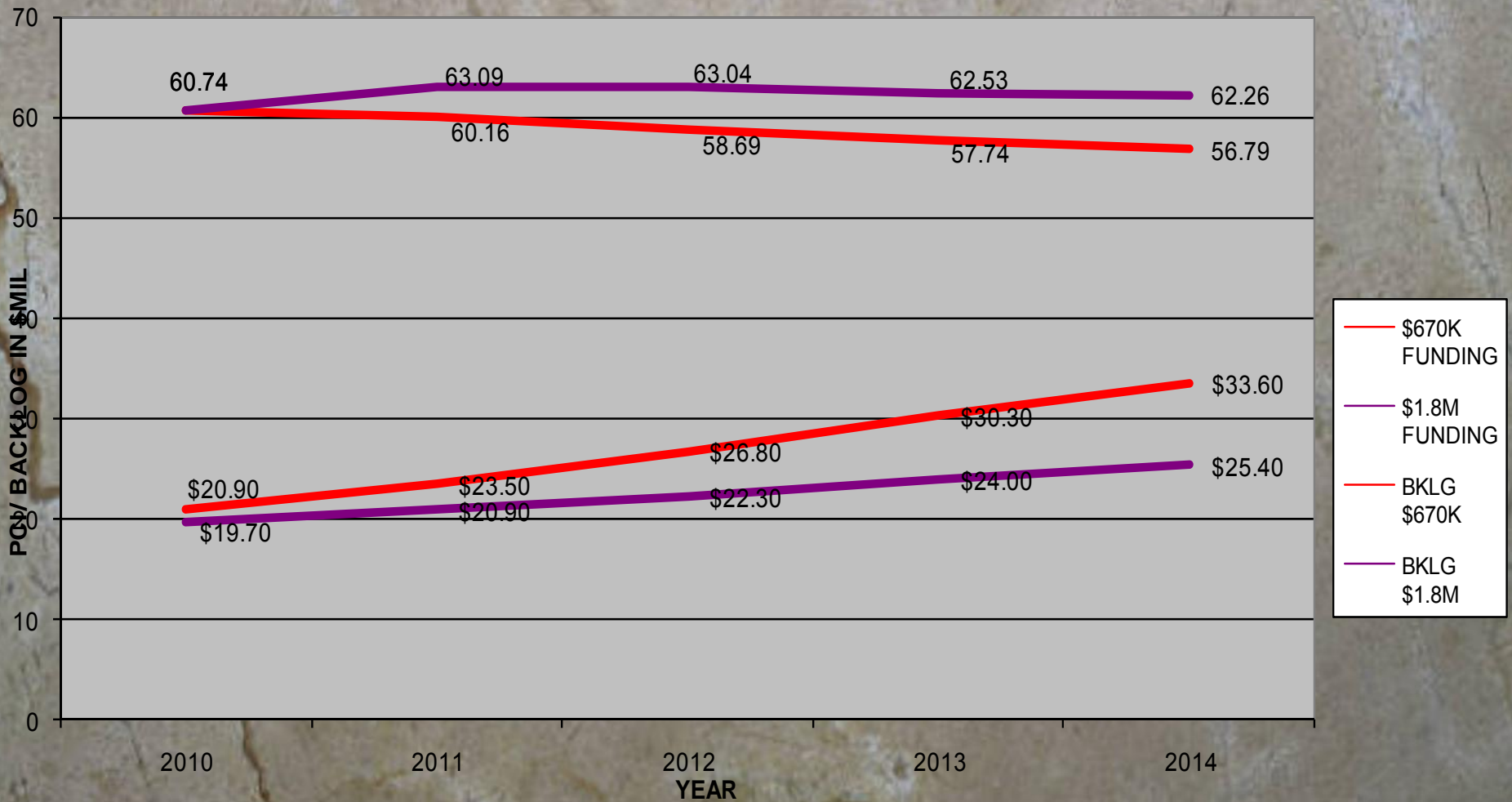
Repair Examples



Paving Recommendations

- Continue using Preventative Maintenance Strategies to repair deteriorated roadway portions to prolong service life.
- Continue philosophy of pavement preservation as opposed to a worst first approach.
- Provide annual funding that will assure city streets stay within a manageable PCI rating

PCI & Backlog with funding options



Sidewalk Policy

- Dover Sidewalk Management Program was developed in 1997
- City received an award from the State of New Hampshire Office of State Planning in 1998 for this program



Sidewalk Repair

- Priorities – schools, doctors, parks, elderly, downtown urban core
- Condition – cracking and roughness
- Concurrent with Paving Projects



Sidewalk Expansion

- Planning's Site and Subdivision Regulations 155- 46 Sidewalks.
- Master Plan encourages looping of existing sidewalks to enable more pedestrian traffic as well as safety for pedestrians.

Street and Sidewalk Resolution

- Accepts the city's use of the MicroPaver Program for Street Improvement Recommendations.
- Accepts the City's Sidewalk repair and expansion strategies.
- Acknowledges both General Fund and Capital Improvement Funds are required for sustaining these infrastructures.

Paving list FY2011-FY2012

- Ash St
- Autumn St.
- Arch St.
- Central Ave – Abbot St. to Hough St.
- Chandler St.
- Crestview Drive and Crestview Cr.
- Folsom Lot
- First St.
- Gold Post Rd.
- Grove St. – From Sixth St. to Fourth St.
- Main St.
- New Rochester Rd.
- Northway Circle
- Picard St.
- Parker St.
- Pinecrest Dr.
- Redden St.

Paving list FY2011-FY2012 Cont...

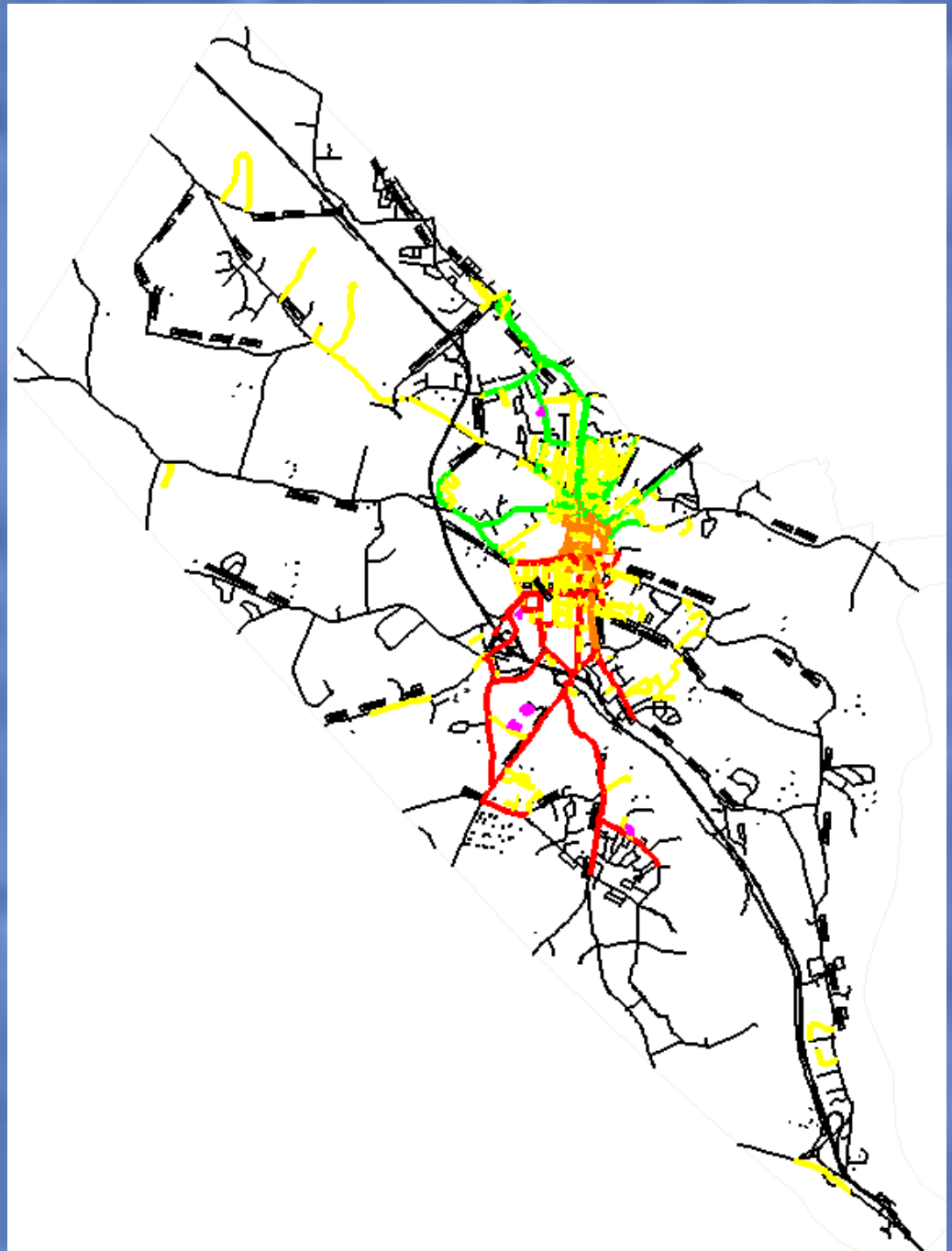
- St. Thomas St. – Belknap St. to Atkinson St.
- Wilbrod Ave.
- Willard Rd.
- Oak Hill
- West Concord St.
- Gerrish Rd.
- Chestnut St.
- Evan's Dr.
- Mast Road
- Woodman Park Dr.
- Arbor Dr.
- Finch Lane
- Gove St.
- Central – Silver St. to Washington St.
- Union St.
- Locust St. – Silver St. to Central Ave. upper end
- Bellamy Rd.



Sidewalk & Plow Routes

LEGEND

- DOWNTOWN PLOW ROUTE
- NORTH PLOW ROUTE
- SOUTH PLOW ROUTE
- NOT PLOWED
- CITY ROADS
- SCHOOLS



School Transportation Policy

- In Kindergarten through grade five who lives more than one mile from school**
- In grades six through eight who lives more than one and one-half miles from school**
- In grades nine through twelve who lives more than two miles from school**
- Identified as having a disability with transportation included in an IEP or 504 plan**
- Resides in an area designated hazardous by the Dover School Board**

Total Miles of sidewalks 62

- Total Miles Plowed 29
 - North Route: 10 miles
 - Downtown Route: 7 miles
 - South Route: 12 miles



10/05/2010

Plowing Challenges



