

Pavement Management Plan

- **Priorities**
- **Projected Costs**
- **Current Pavement Plan**
- Long term financing

Priorities

There are two types of roads based on how they serve the area.

- **Commuter Roads:** Any road that is a through street to other roads- higher traffic counts. These roads tend to need repair more often.
- **Development Roads:** Dead end roads that serve local areas or developments- lower traffic counts. Some can last 15 years on a 10 year maintenance schedule.

Priorities

Roads can be:

- Private- Road association/landowner's responsibility to maintain roadway
- Town- Town funds the improvement and maintenance of roads
- State: MDOT is responsible for maintenance (eg Roosevelt Trail & Webbs Mills Road & Meadow Road)

Priorities - Roads

Commuter Roads:

- | | |
|----------------|---------|
| 1. Valley Road | 2.17 mi |
| 2. Plains Road | 1.72 mi |
| 3. Main Street | .55 mi |

TOTAL= 4.44 mi

Priorities - Roads

Development Roads:

1. Panther Pond Pines	.230 mi
2. Patricia Avenue	.900 mi
3. Canal Road & Salmon Run Road	.495 mi
4. Tarklin Hill	.240 mi
5. Tenney Hill	1.110 mi

TOTAL = 2.975 mi

Priorities - Roads

Commuter Roads	4.440 mi
Development Roads	2.975 mi

**TOTAL= 7.415 miles that
needs to be reclaimed.**

Priorities - Examples



Road beveling or warping

Priorities - Examples



“Alligator” Cracking and Shoulder Deterioration

Projected Costs

Based on current tonnage costs for supplies and contract services:

- \$160,689.23/mi for asphalt & reclaim
- \$2.50/ft for ditching & erosion control
- \$74.00/ft for culverts (as needed)

This includes labor but does not include the surface prep, patching, or crack sealing... etc.

Projected Costs

- It costs approximately \$65,000 to complete 1 mile of 1.5" overlay every year. We should be doing about 4 miles a year to maintain a 10 year surface management cycle and preserve the life of the roadway*.
- It costs an additional \$30,000 in construction costs to cover ditching, surface prep, patching, cracking sealing...etc, on an as needed basis*.

* Based on current tonnage costs

Current Pavement Plan

FY 2012-13 Costs

- \$ 97,555 to reclaim 1 mile of Valley Road
- \$ 60,000 Construction Cost for Valley Road
- \$ 30,000 to overlay Conesca & patching jobs
- \$ 79,000 for shim & overlay of Tenney Hill

\$266,555 cost for road maintenance

Current Pavement Plan

FY2012-13 Budget

- \$240,000 Budget
- \$ 67,727 Carry Over from FY2011-12

\$307,727 available funding

Current Pavement Plan

\$266,555 Total Pavement Management Costs

-\$307,727 Total Budget

-\$41,172 Left for Unexpected Construction Costs

Long Term Financial Planning

In FY2014-15, financial capacity could become available from several bond funds:

- Road Construction Bond \$ 95,000
- FD Equipment Bond \$ 55,000
- Mid-Maine Waste Bond \$131,000

TOTAL= **\$281,000**

Long Term Financial Planning

- There will still be 5.24 miles of road that currently needs to be reclaimed at an estimated \$840,000, which does not include the yearly overlay and maintenance costs.

The End

This concludes our presentation of the Pavement Management Plan & Goals

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