Pavement Management Plan

- Priorities
- Projected Costs
- Current Pavement Plan
- Long term financing
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.
Risks 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 (e.g. 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   0.55 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

<table>
<thead>
<tr>
<th>Road Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commuter Roads</td>
<td>4.440 mi</td>
</tr>
<tr>
<td>Development Roads</td>
<td>2.975 mi</td>
</tr>
</tbody>
</table>

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
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
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.
This concludes our presentation of the Pavement Management Plan & Goals

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