

Public Works working for you –

Pavement Management Program (PMP)



**A better
product
at a lower
cost!**

Maintenance Office Hours:

7 a.m. - 3:30 p.m.,
Monday - Friday
Phone: 952-563-8760

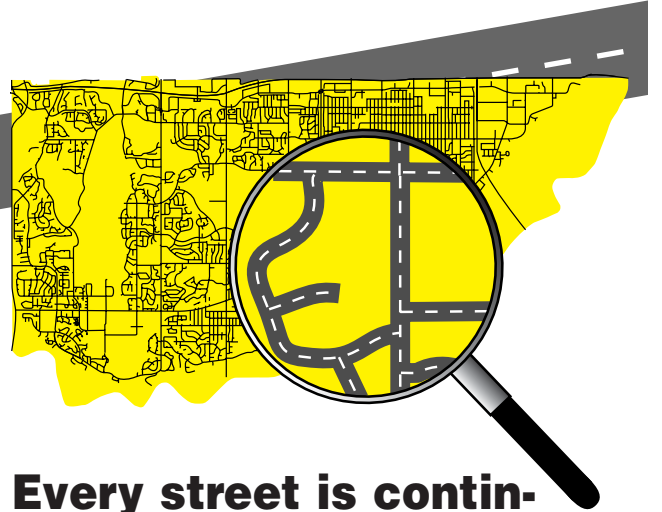
Engineering Office Hours:

8 a.m. - 4:30 p.m.,
Monday - Friday
Phone: 952-563-4870

(TTY 952-563-8740) Leave a Message 24 Hours a Day

The Pavement Management Program (PMP) is a maintenance plan for streets. Maintenance crews perform the proper maintenance techniques at the optimum time. The results include:

- Prolonged pavement life.
- Reduced overall cost for streets.
- Reduced overall assessment rates for property owners.



Every street is continually investigated

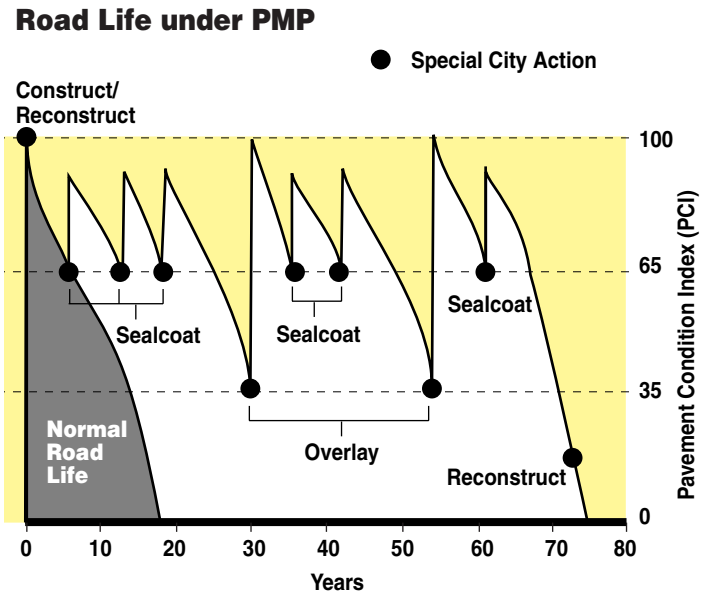
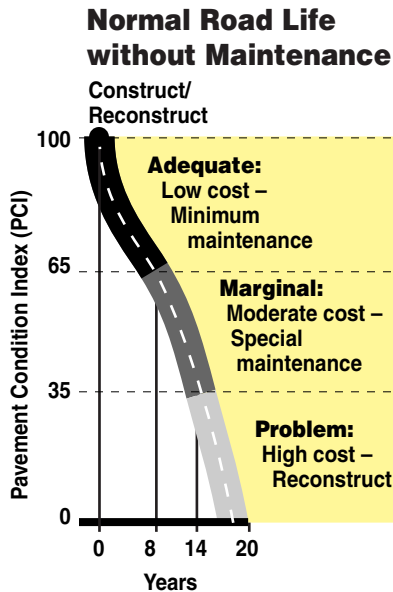
Bloomington has 360 centerlane miles of roadways valued at \$168 million. That's a big investment and a lot of pavement – and the condition of all those road surfaces are in the City's PMP database.

How does the PMP work? City staff inspect our streets and assign them PCI (Pavement Condition Index) numbers on a scale of 100 to 1. The numerical designation determines what maintenance needs to be performed:

<i>Number</i>	<i>Designation</i>	<i>Maintenance</i>
100	Newly reconstructed	None
99 - 66	Adequate	Sealcoat
65 - 36	Marginal	Mill and overlay
35 - 1	Problem	Reconstruct

Affordable price – PMP equals less costly roads

The typical street with little or no maintenance will last less than 20 years before it needs to be totally rebuilt. By performing periodic pavement sealcoats or overlays at the correct times, a street's lifespan can be more than tripled before costly reconstruction is needed.



Funding the PMP

The Public Works' Pavement Management Program has reduced the overall cost of keeping our streets in good condition. Sealcoating, the low-cost maintenance of roads, is funded from the City's General Fund. Overlay funds come from the Infrastructure Replacement Fund, distributed by the State of Minnesota from the fuel sales tax. Costly reconstruction of a street is funded from taxes and special assessments to property owners.

Lower assessment policy

Individual properties are only assessed for street reconstruction and, even then, only a portion of the costs. A single- or two-family residence only pays 25 percent of their portion of a project's cost. Other properties, such as commercial, industrial or multi-family residences, pay half the cost. Other funding sources make up the difference.



Assessment payment options

Road assessments may be paid with a one-time payment or over 10 years with a low simple interest charge.

Construction techniques used in Bloomington

Patch and Repair

What is it? A pothole or a small isolated section is cleaned of loose materials and filled. A rubberized sealant is placed in cracks which have been thoroughly cleaned and dried. Crack sealing provides a protective coating and seals out water.

Who patches and repairs? The City's Maintenance Division crews repair our streets.

Sealcoat

What is it? A bituminous adhesive is sprayed on the existing surface, small graded aggregate rock is applied. Excess aggregate is swept off. Sealcoat is a wear-resistant coating that protects pavements from oxidation and the effects of moisture.

Who sealcoats? The City's Maintenance Division crews sealcoat our streets.

Mill and Overlay

What is it? Bituminous surface is ground off and a new top layer of pavement is constructed. Milling creates an even surface to ensure an even overall thickness to the new overlay, which is critical to ride quality. An overlay is a structural improvement that renews the street surface and extends the life cycle of the original pavement.

Who does mill and overlay? The City hires contractors.

Reconstruction

What is it? Existing asphalt pavement and aggregate base are removed and replaced. Reconstruction may also involve subgrade soil corrections. For streets that are below current design standards for width, drainage, curb and gutter, an upgrade may be incorporated.

Who does reconstruction? The City hires contractors.

Glad you asked...

- What is a street made from?**
Asphalt cement and aggregate (rock) is mixed, heated and spread on a base of gravel.
- What will my boulevard look like afterward?**
All permitted items will be restored. If sodded, property owners will need to water the new grass.
- Will my mail or trash service be disrupted?**
No. Regular services will not be affected.
- How will the water and sewer lines be affected?**
Water, sanitary and storm lines will be checked and repaired as needed.
- We have a low spot in front of the house where water doesn't drain. Will it be fixed?**
Yes, but please notify the Street Maintenance to confirm we are aware of the situation.
- Can we have speed bumps to slow traffic?**
No. Speed bumps cause safety and maintenance problems and are difficult to plow.
- Can I get to my driveway during construction?**
Yes, except if curb and gutter concrete is replaced. Concrete requires one week to cure.
- How long will construction take?**
Two weeks before construction, you will get a notice with important information about the project. Large projects can take the entire summer (approximately three months).
- Will my sidewalk be repaired or replaced?**
Our first choice is repair sections of sidewalks.

For more information on streets

Construction:

Call Engineering at 952-563-4870.

Maintenance/repair/sealcoating:

Street Maintenance at 952-563-8760.

Visit the City web site at

www.ci.bloomington.mn.us

During construction

Construction areas are dangerous – stay away from equipment, materials and trenches. Be especially careful to keep children away from these areas and observe posted detour and/or warning signs.

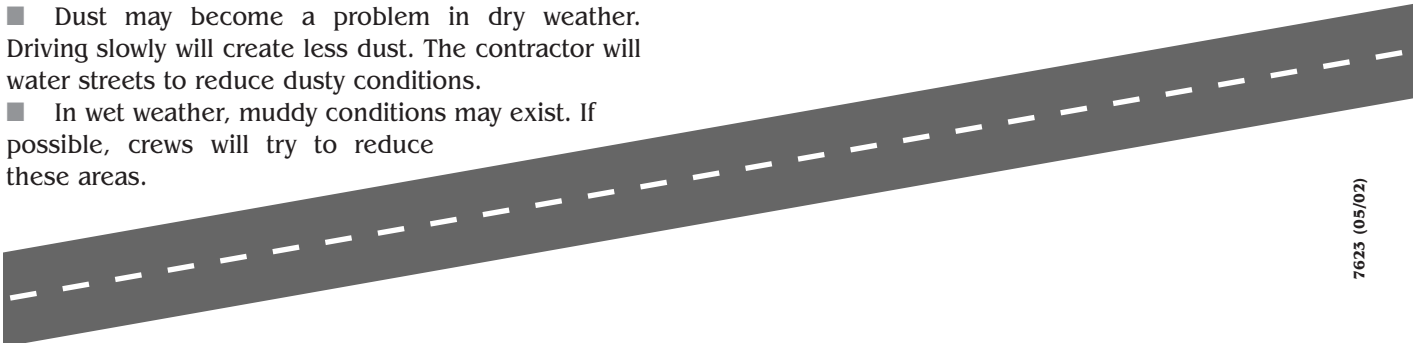


Survey stakes are important for project progress, please leave them up for the duration of the project.

Contractors have many jobs going on simultaneously and may not be in your area for some time. Bad weather and unforeseen factors often extend the completion date.

Uneven road surfaces, dust, mud

- The street may be rough and have areas where the surfacing has been removed.
- Dust may become a problem in dry weather. Driving slowly will create less dust. The contractor will water streets to reduce dusty conditions.
- In wet weather, muddy conditions may exist. If possible, crews will try to reduce these areas.



Disturbed boulevards, new sod

The contractor will restore the disturbed area to condition equal to that at the time of removal.

- If the disturbed area was sodded, watering the new sod is the *property owner's responsibility*.
- New sod will require frequent watering.
- The contractor is responsible for new sod for 30 days (30-day warranty).
- Do not cut new sod for about 21 days. After that, raise the mower deck when cutting the sod for the first few times. Longer grass promotes a healthy lawn.
- Please mark out any sprinkler system that may be buried in the boulevard.
- Remove or relocate electrical lighting and/or invisible dog fences from the right-of-way (boulevard). The property owner is responsible for relocating or repair to any items in the right-of-way that do not have an approved right-of-way permit.

City of Bloomington
Maintenance Division
1700 West 98th Street
Bloomington MN 55431-4531