

2015 SERVICE PLAN OVERVIEW

STREET PREVENTATIVE MAINTENANCE

[October 2014-September 2015]



The Public Works Street and Bridge Operations performs street preventative maintenance to improve the roadway surface and lifespan of roads through various treatment types and applications.

Why do we do this?

Having scheduled preventative maintenance will help prolong the life of the streets by protecting the surface from the effects of aging, cracking, deterioration, and water infiltration. Additionally, prolonging the life of our city streets by using these methods saves taxpayer money by intervening before full reconstruction is needed.

Full street reconstruction can be costly and time-consuming, therefore preventative maintenance before reconstruction is needed. This will save time and taxpayer money.

The 5 main treatment types we use:

① Sealcoat

Seal coat consists of spraying a thin layer of asphalt and water mixture over the pavement followed by a thin layer of small gravel. This is done to waterproof (seal) the existing street surface and to increase skid resistance.

② Overlay

Overlay consists of a single layer of hot mix asphaltic concrete (minimum of 1½ inch thick; but typically 2") used to level, waterproof, and restore the original street shape and ride.

③ Slurry Seal

A slurry seal is a mixture of asphalt, water, fine aggregate and mineral filler that has a creamy fluid-like appearance when applied. Slurry seals are used to fill existing pavement surface defects as a preparatory treatment for other maintenance treatments.

④ Crack Seal

Crack seal consists of sealing the cracks in the pavement with a sealant or asphalt-sealing product to prevent the moisture from entering into the base and subgrade material.

⑤ Fog Seal

Fog seal is a light application of diluted asphalt mixture, without the addition of any aggregate applied to the surface. The seal is used to renew aged asphalt surfaces and to seal small cracks and surface voids.

The following pages list streets that are scheduled for routine, preventative maintenance within our service plan for 2015.

Please note: Streets and Schedules are subject to change due to inclement weather, utility conflicts or emergencies, which can delay or defer planned work.