

Cape Seal

Cape Seal – Cape sealing is a combination of two preventive maintenance applications. First, a [chip seal](#) is applied to the surface of the road. Then seven to ten days later a [slurry seal](#) is applied to the top of that surface. A cape seal prevents water from penetrating through the roadway section and provides a new skid resistant surface. Cape seals are generally done on residential streets because of its ability to provide the strength of a chip seal and the smoothness (for ride-ability) of a slurry seal. Cape seals can extend the service life of pavement for up to 8 to 10 years.

Construction process:

1. Pavement failure areas will be dug out and repaired.
2. Street cracks will be cleared of vegetation and debris. The cracks will be filled with a crack sealant to prevent water intrusion.
3. 72 hours prior to the cape sealing process, affected residents/property owners will be notified via written notice by the City's Contractor.
4. On chip day, an asphalt binder will be applied to the pavement. Immediately after the application of the binder, aggregate chips will then be placed on top of the binder. The aggregate chips are then rolled with a roller to embed the chips into the pavement surface. The street will remain closed for 1 to 2 hours during this operation.
5. Street will be swept to remove any loose aggregate chips.
6. Approximately 7 to 10 days later, the slurry seal process begins.
7. 72 hours prior to the slurry sealing process affected residents/property owners will be notified via written notice by the City's Contractor.
8. On slurry sealing day, loose chips and debris will be swept off the street. Any location where the chips did not adhere to the binder will be repaired by the City's Contractor. Then the slurry seal will be applied to the street. The street will remain closed for 2 to 4 hours so that the slurry seal has time to cure.
9. Days after the cape seal, manholes and other utility valve covers will be adjusted to final grade.
10. Permanent striping will be replaced approximately two weeks after the final surfacing.