

2016 Capital Improvement Roadway Project

Annually in Castle Pines Village, the Metro District completes roadway preservation projects to rehabilitate and extend the useful life of the facilities. During 2016, approximately 25% of the Village roads will receive one of three different types of surface treatments; Slurry Seal, Cape Seal, or Overlay. The roads are evaluated each year by an Engineer, and rated on a scale of 1-100 based on their Pavement Condition Index (PCI). The PCI and the age of the street determine which surface treatment is appropriate for each individual roadway. Slurry Seal is a cost-effective maintenance procedure intended to extend the life of asphalt pavements that are still structurally sound, but may exhibit some light cracking or raveling of the surface aggregates. Cape Seal is an integrated process, with one treatment followed by another. It begins with a Chip Seal, designed to fill in the lost aggregate of the roadway, followed by a slurry seal roughly one week later to seal the newly filled aggregate of the road. Milling of the road is required when the asphalt surface has reached the end of its service life or if other methods of restoration cannot repair the roadway. During Overlay, roughly 2" of asphalt is removed and replaced.

These new asphalt services will improve driving conditions as well as the aesthetics of the roadways within the Village. The total project budget for 2016 is approximately \$1 Million.

Please click on the link below to find a map of the roads within the Village that will be affected, and dates that correspond to when the work will be completed, weather dependent. Should weather affect the schedule of any roadway work within the Village, this map will be updated accordingly.

<http://cpmd.maps.arcgis.com/apps/webappviewer/index.html?id=bcc388acbf274bc4b8983f17f2fb7b9f>