

Mill & Hot-Mix Asphalt (HMA) Overlay

What it is

Mill & Hot Mix Asphalt (HMA) Overlay consist of removing/milling 0.5 to 2 inches of the existing asphalt surface and then it is replaced with a composition of hot mix asphalt (HMA). It is used to treat poor pavement conditions when microsurfacing, asphalt rubber or bonded wearing course treatments are not suitable. The overlay provides a restored surface which is smooth and can withstand heavy traffic. If needed a pavement reinforcement fabric is applied before starting the HMA overlay process. The reinforce fabric is applied to prevent reflective cracking. Generally, this treatment can extend the life of a road by up to 8-12 years.

Process

- The existing asphalt wearing course is removed/milled.
 - Temporary traffic stripes and markings are placed as needed.
 - Where needed, a leveling course is applied to the road in order to restore proper profile and cross-section.
 - Streets are cleaned of vegetation or debris.
 - Pavement reinforcement fabric is laid if necessary and the HMA is applied and compacted with a roller.
 - Several weeks later, permanent striping is replaced.
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Impact to Residents

Preparation activities may begin as early as 1-2 weeks in advance to remove the existing pavement wearing course. Traffic delays can be expected during milling process; however, roads are typically not closed. For the overlay process, traffic delays, partial road closure and alternative traffic pattern can be expected, police details will be on hand to coordinate traffic. Travel lanes will be closed from 1-2 hours until the material has cured enough to withstand traffic. Adjacent property owners will be notified via door hanger notices at least 72 hours before. Vehicles may not be parked on affected roads on the day of the treatment application; however, they may be parked outside of the construction zone if you plan to use them that day. Coordinate with construction workers to determine an estimate time of when construction will take place across your property if you need to utilize your driveway. Residents with special needs may contact the Town

(icormier@concordma.gov) beforehand to plan accordingly. All work is coordinated with transit and waste providers to minimize impacts to service.
