



Climate Action Pocket Questions

Title: 2026 Street Resurfacing Contract

Purpose: Awarding the contract for maintenance of pavement on Town streets to the end of upholding safety and ease of use for road users

Department: Public Works

1. How will this action impact municipal or community greenhouse gas emissions?

This action will increase greenhouse gas emissions.

2. Please explain.

There are emissions associated with paving equipment and trucks hauling asphalt and millings.

3. How will this action impact the Town's environment?

This action will impact the environment by introducing some air pollution and the potential for surface run-off of paving materials.

4. Please explain.

The machinery used for milling and paving emit the typical pollutants (particulate matter, nitrogen oxides, VOCs, etc.) associated with diesel-burning engines. Although clean-up of excess material is stipulated in the contract, a small quantity of asphalt particles could be left on the surface of the recently paved street and is then subject to becoming run-off in a rain event. Public Works staff inspects job site locations during work and reports areas needing clean-up to contractor daily.

5. How is your department planning to mitigate any climate or environmental impacts? NOTE: This does not reflect a formal commitment by the Town of Carrboro.



Public Works' consistent practice of incorporating bicycle and pedestrian infrastructure improvements into resurfacing projects helps forward the Town's overall goal of creating a robust network of low- or no-fossil fuel mobility options which will decrease emissions in the long term as more people opt for alternatives to driving. Our annual resurfacing schedule is based on a comprehensive streets condition assessment which identifies streets based condition rating for resurfacing. Only streets in the worst condition will get the most intensive paving work. Public Works staff will work with the contractor to strategize schedule and work location sequencing to minimize unnecessary equipment movement in order to reduce emissions. Furthermore, Public Works accepts asphalt pavement millings for stockpiling on our property which reduces emissions associated with hauling the millings and enables us to use the millings for various construction projects, reducing the emissions cost that would be associated with using new raw materials instead.