Climate Action Pocket Questions

Title: Resolution Authorizing the Town Manager to Initiate a Municipal Agreement with NCDOT for the Bike Plan Group Project (BL-0149)

Purpose: The Town Council is asked to authorize the Town Manager to initiate a Municipal Agreement with NCDOT and to adopt a Capital Project Ordinance to construct three projects identified in the 2021 Updated Bicycle Plan: a sidepath along the southwest end of Shelton St, restriping East Poplar Avenue to create a pedestrian lane, and restriping the 100 Block Maple Avenue to create a contraflow lane.

Department: Planning, Finance

1. **How will this action impact the Town's or the community's greenhouse gas emissions?**
   a. <u>Will REDUCE greenhouse gas emissions</u>
   b. Will not reduce or increase greenhouse gas emissions
   c. Will INCREASE greenhouse gas emissions
   d. Not applicable

2. **Please explain.**
   All of the projects will enhance the bicycle network making it easier for less confident cyclists to ride and roll in the downtown area. This reduces greenhouse gas emissions by encouraging pollution-free multimodal travel.

3. **Does this action impact:**
   a. Water quality
   b. <u>Erosion and Surface run-off</u>
   c. Flooding
   d. <u>Air quality</u>
   e. Heat islands or extreme heat
   f. Biodiversity
   g. Solid waste
   h. Hazardous waste
   i. <u>Other</u>
   j. This action does not impact the environment

4. **Please explain.**
   The focus of the project is to provide the necessary infrastructure to allow residents, and particularly students, to be able to ride and roll to everyday

destinations, including safe access to school. This will reduce vehicle trips and improve air quality. In addition, the Shelton Street project will involve rebuilding the street to reduce stormwater run-off.

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.
Staff will work closely with the contractor to construct the projects in a way that minimizes environmental impact and climate pollution.