



Climate Action Pocket Questions

Title: Contract Amendment with Three Oaks Engineering, Inc. for scope and schedule extension for the Safe Routes to School (SRTS) Action Plan.

Purpose: The purpose of this agenda item is to authorize the Town Manager to extend the contract with Three Oaks Engineering, Inc. to complete the update to the SRTS Action Plan.

Department: Planning, Zoning & Inspections

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

- The SRTS Action Plan has the potential to reduce greenhouse gas emissions.

2. Please explain.

- By improving safety and making it easier and more enjoyable for students to walk, bike, and roll to school, the plan aims to increase the number of students using active transportation rather than being driven. Reducing vehicle drop-offs can help lower greenhouse gas emissions.

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

- The SRTS Action Plan has the potential to impact water quality, erosion and surface run-off, flooding, air quality, heat islands or extreme heat, biodiversity, solid waste, hazardous waste and other environmental impacts.

4. Please explain.

- Increasing active transportation and reducing vehicle drop-offs can lower emissions from idling and short car trips, improving local air quality.
- Infrastructure projects, such as new sidewalks, crossings, or paths, may increase impervious surface area, which can affect runoff, water quality, flooding, solid waste, etc. if not thoughtfully designed with appropriate stormwater controls, green infrastructure, native plantings or tree preservation goals, and material recycling practices.

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.



- There are several ways in which we might mitigate any adverse climate or environmental impacts, including:
 - Using green infrastructure (permeable pavement, bioswales, native plantings) to reduce runoff, improve water quality, and manage flooding
 - Prioritizing low-impact, context-sensitive design to minimize environmental disturbance
 - Reducing construction waste and encourage use of low-carbon or recycled materials
 - Pairing infrastructure with programs that encourage walking and biking to reduce emissions and improve air quality