

Grant Application Submission Notification Memo

TO: **Office of the City Council** | Jennifer Bruno, Taylor Hill, Sylvia Richards, Linda Sanchez, Lehua Weaver, Nick Tarbet
Office of the Mayor | Erin Mendenhall, Rachel Otto, Jill Love
Department of Finance | Mary Beth Thompson, Amy Dorsey, Randy Hillier
Office of the City Attorney | Jaysen Oldroyd, SLCRecorder@slcgov.com Katherine Lewis, Scott Fisher, Tina Orme

FROM: Annie Christensen

DATE: December 18, 2024

SUBJECT: #4 WFRC CRP 9 Line

FUNDING AGENCIES: Wasatch Front Regional Council

GRANT PROGRAM: Carbon Reduction Program

REQUESTED GRANT AMOUNT: \$592,000

DEPARTMENT: Transportation

COLLABORATING AGENCIES:

DATE SUBMITTED: 12/12/2024

SPECIFICS:

☐ Equipment/Supplies Only

☒ Technical Assistance

☐ Provides ____ Hourly Positions

☐ Existing

☐ New

☐ Overtime

☐ Requires Funding After Grant

Explanation: Please see below

☒ Match Required \$43,000

☐ In-Kind Services and ☒ Cash

GRANT DETAILS:

This project will sequester carbon by adding waterwise street trees and plants along the hottest blocks of Salt Lake City's 9-Line Trail. The 9-Line is underused in the hot summer months due to scorching heat and unshaded bus stops acting like solar ovens. More trees will encourage trail and transit use, reducing emissions.

The 9-Line Trail, a first segment of Salt Lake City's planned Green Loop around and into the heart of downtown, is not yet complete. Stark expanses of gravel line the trail, an inhospitable baked environment. Whereas motor vehicles provide air conditioning to occupants, trees and plants are needed to help people to choose to walk, bike, or take a bus in the hot summer months. Beyond shade, trees and plants cool the surrounding area through the biological process of evapotranspiration - akin to a swamp cooler. For these reasons, the City's adopted Urban Forest Action Plan (2023) identifies trees as critical transportation infrastructure. After adding strategic pockets of street greening along the trail, the City will collect data on pre- and post-project use. Each tree planted will sequester ~315 pounds of carbon over 20 years, per EPA calculations. While this uptake is valuable, the number illustrates the importance of prevention of emissions as a primary carbon reduction strategy.