

**STARS Project Version 0.6**

**Project Name: Santa Cruz County Regional Transportation Commission - State Route 1**

**Subject: Credits Recommended by the STARS TAC and Approved by the RTC  
for Application to the Highway 1 HOV Lanes Project**

**Version/Date: March 10, 2010**

Proposed Credits - 12	Program Categories and Credit Descriptions
<b>1</b>	<b>Integrative Process</b>
>	IP 1 <b>Comprehensive Project Goals &amp; Objectives</b> - Review the Purpose and Need of the project to ensure an interdisciplinary and multi-stakeholder approach to the addressing the issues and concerns of the community and includes measures of success..
<b>5</b>	<b>Access</b>
>	A 1 <b>Establish Access Goal</b> - Evaluate mode options and establish access goals that result in effective, high quality access for a range of trip purposes and needs for residents, employees and visitors.
>	A 2 <b>Evaluate Expanded TDM Strategies</b> - Evaluate high-impact Transportation Demand Management (TDM) strategies and establish realistically aggressive project TDM goals.
>	A 3 <b>Evaluate Expanded TSM Strategies</b> - Evaluate high-impact Transportation System Management (TSM) and establish realistically aggressive project TSM goals.
>	A 4 <b>Evaluate Expanded Transportation Options</b> - Could include opportunities for expansion of existing systems (ex. express bus service) or new options (ex. Bus Rapid Transit) to help achieve access, climate, and energy goals.
>	A 6 <b>Expanded Lanes &amp; Ramps</b> - Evaluate a range of expanded road infrastructure improvements (lanes, ramps, metering) to help achieve access, climate, and energy goals.
<b>5</b>	<b>Climate + Energy</b>
>	CE 1 <b>Establish Climate &amp; Energy Goal</b> - Significantly reduce the project's life cycle greenhouse gas emissions and energy consumption.
>	CE 2 <b>Vehicle Mile Reduction Goals &amp; Evaluation</b> - Determine which strategies are most likely to reduce energy use and climate pollution from reducing vehicle mile traveled (VMT).
>	CE 3 <b>Construction Materials &amp; Methods Goals &amp; Evaluation</b> - Identify the availability and effectiveness of alternative building materials (embodied and transport) and practices that reduce climate pollution and energy use.
>	CE 4 <b>Improved Flow Goal &amp; Evaluation</b> - Optimize vehicle operating efficiencies using the facility to minimize climate pollution and energy use on the corridor.
>	CE 5 <b>Renewable Energy Goal &amp; Evaluation</b> - Determine which strategies are most likely to reduce energy use and climate pollution from use of on-site renewable energy.
<b>1</b>	<b>Benefit/Cost</b>
>	BC 1 <b>Analyze Life Cycle Benefit Cost</b> - Determine the access-to-cost ratio of the full range of access strategies (recognizing the challenge of including all possible externalities, so that decision makers may make an informed decision).