

CALIFORNIA
1 Soquel
to Morrissey
AUXILIARY LANES PROJECT



Poppy Photo Credit: Jeff Larson

Environmental Features



Drainage – The project will incorporate biofiltration strips or swales to remove silt and pollutants from stormwater runoff before it reaches creeks or drain inlets. All construction-disturbed soil areas will be treated to reduce the potential for erosion. Treatments will include one or more of these methods: seeding, compost, fiber rolls, jute mesh and wood chip mulch. (photo source: Caltrans)

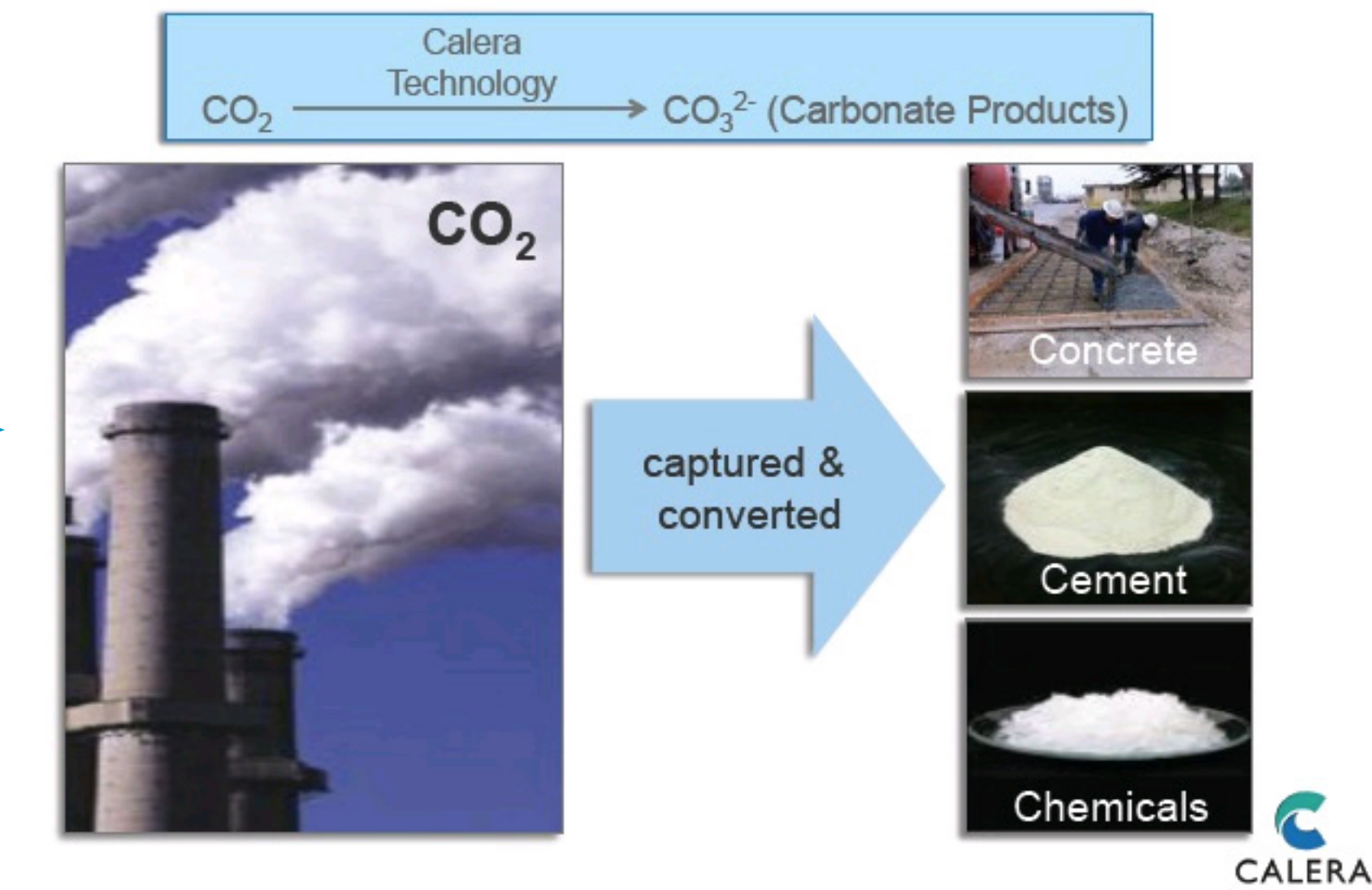


Landscaping – Similar to the Highway 1/17 Interchange Merge Lanes project, the majority of plants will be California natives such as ceanothus (ceanothus ‘Ray Harman’), western redbud (Cercis Occidentalis), coast live oak (Quercus Agrifolia) and the coast redwood (Sequoia Sempervirens ‘Santa Cruz’). All of the new soundwalls will be planted with climbing vines to reduce their visibility and to discourage graffiti.



Green Cement Sidewalk – The RTC plans to use an innovative material to construct a sidewalk that contains sequestered carbon dioxide from the nearby Power Plant. A Los Gatos based company Calera pioneered the technology to make a type of “green” cement, currently used as a partial cement substitute. Cement is the binding agent that hold concrete together. The company hopes to use its pilot plant in Moss Landing to produce the materials for the project. (photo source: Calera Corporation)

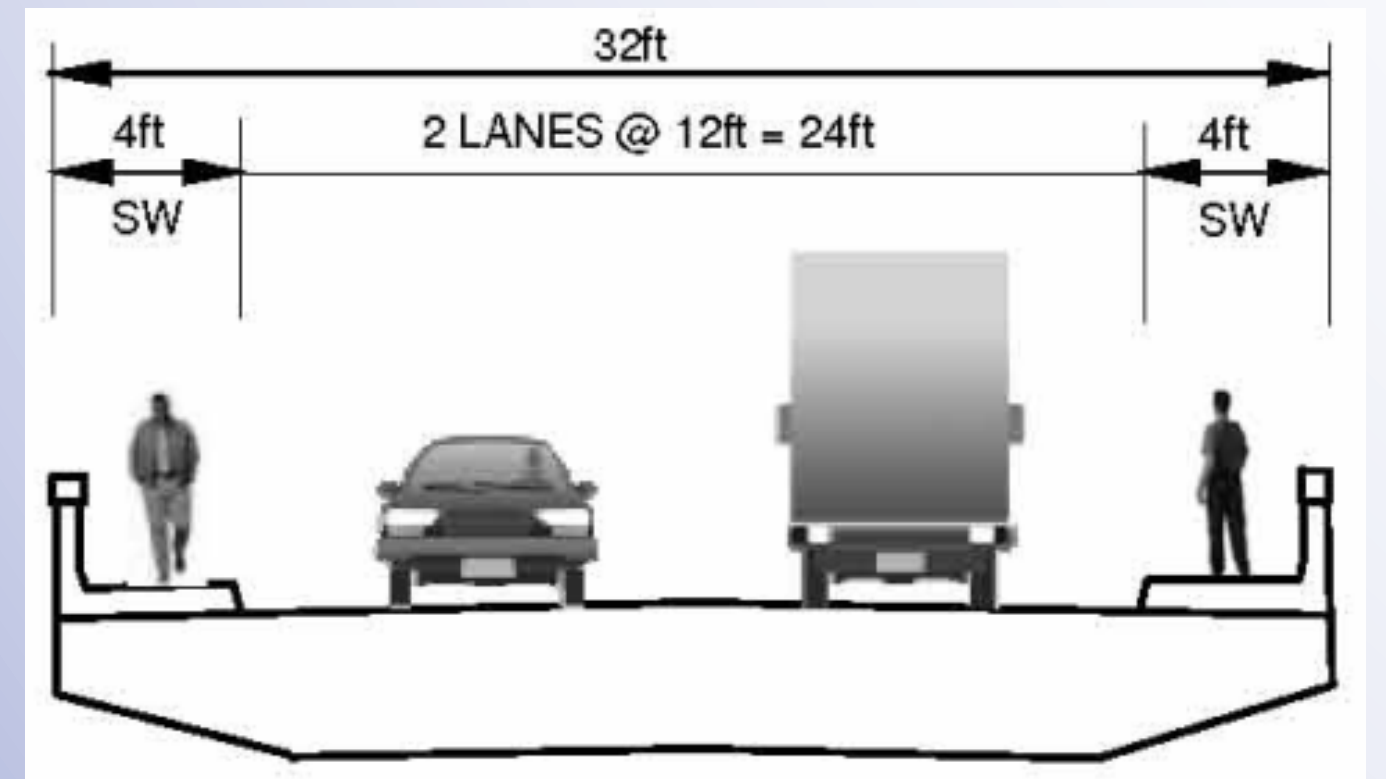
Vision: Carbon Dioxide to Carbonate Products



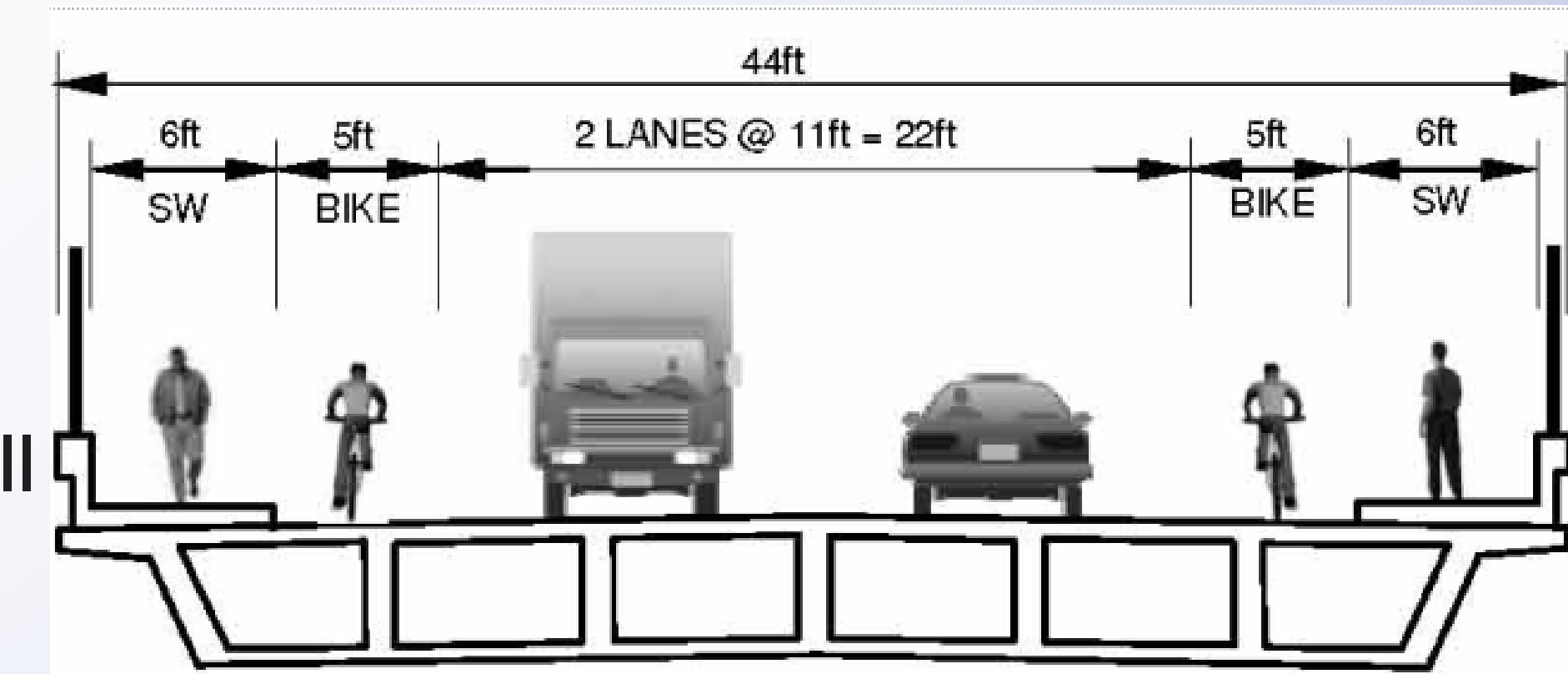
Sound Reduction – Sound walls will be constructed along the northbound side of Highway 1 to reduce noise level at 25 residences, reducing noise levels below existing conditions. Interior Acoustic treatment has already been provided for two buildings on the southbound side of Highway 1. Noise abatement is being provided where found to be warranted per federal and state environmental law/criteria as outlined in the environmental document.



Bicycle & Pedestrian Facilities – The new La Fonda Avenue bridge will feature 5 ft. bike lanes and 6 ft sidewalks in each direction. This greatly improves the existing condition which only has 4 ft sidewalks and no designated bike lanes. New sidewalks will be constructed on Rooney Street and Morrissey Boulevard (see above “green” cement). Facility improvement is an incentive for students, residents and employees/patrons of nearby businesses to use alternatives to driving.



Existing



Proposed