

Smart Mobility Definition and Principles

Smart Mobility is meeting the transportation needs of people and freight, while enhancing California's economic, environmental, and human resources.

Smart Mobility is an overarching basis for policy formation and action that coordinates and integrates many of Caltrans' existing activities and the activities of other public and private organizations. Smart Mobility rests on strong relationships between Caltrans and other State agencies as well as regional and local organizations.

Smart Mobility Principles

Advancing progress towards State goals for economy, environment and social equity can best be achieved through the four Smart Mobility principles introduced below. To achieve mobility as well as broader societal objectives, these principles must consistently be implemented with a focus on social equity.

1. Location Efficiency: to create an integrated land use and transportation system

Invest in transportation infrastructure and services that support land use patterns which enable high levels of non-motorized travel and transit use, reduced vehicle trip making, and shorter average trip length.

2. Reliability: to manage, reduce, and avoid congestion through operational and strategic actions

Emphasize reliability for all modes in Caltrans' operational and planning activities. Operational strategies will focus on congestion avoidance and reduction.

3. Health and Safety: to improve public health and reduce serious injuries

Health and safety groups bring together concerns from different but related parts of the health spectrum. Positive outcomes relating to multiple health concerns can be reached through various strategies, such as incorporating walk/bike access and pollutant exposure criteria into school siting decisions.

4. Stewardship: to protect and enhance all of California's resources

Three dimensions of stewardship reflect the different resources that the Department's activities should protect and enhance--the State's transportation assets, California's built and natural environments, and climate and energy sustainability.

