



# SR-79 Realignment Project

## 1. Pollutants Evaluated for the Air Quality Impacts

Criteria Pollutants and Precursors:	Mobile Source Air Toxics (MSATs)
Ozone (O <sub>3</sub> )	Benzene
Nitrogen Oxides (NO <sub>2</sub> )	Formaldehyde
Volatile Organic Compounds (VOCs)	Naphthalene
Sulfur Dioxide (SO <sub>2</sub> )	Diesel particulate matter (DPM)
Carbon Monoxide (CO)	Acrolein
Particulate Matter Equal to or Smaller than 10 microns (PM <sub>10</sub> )	1,3-butadiene
Particulate Matter Equal to or Smaller than 2.5 microns (PM <sub>2.5</sub> )	Polycyclic organic matter (POM)

## 2. Short Term Air Quality Impacts

- Construction of the Project may result in temporary impacts to air quality from equipment exhaust emission and fugitive dust. The project may also have the potential to temporarily affect the people who live or work nearby the construction site.
- Construction activities will comply with state and district regulations on construction equipment and vehicles, and control fugitive dust emissions.
- Additional emission minimization measures will be implemented to further reduce the construction emissions and the impacts.

## 3. GHG Emissions

- Both the future Build alternatives and future No Build Alternative show increases in GHG emissions over the existing levels;
- The future Build alternative GHG emissions are less than the future No Build Alternative emissions.
- Caltrans is committed to the GHG reduction strategies and climate change adaptation strategies in the regional planning process.

