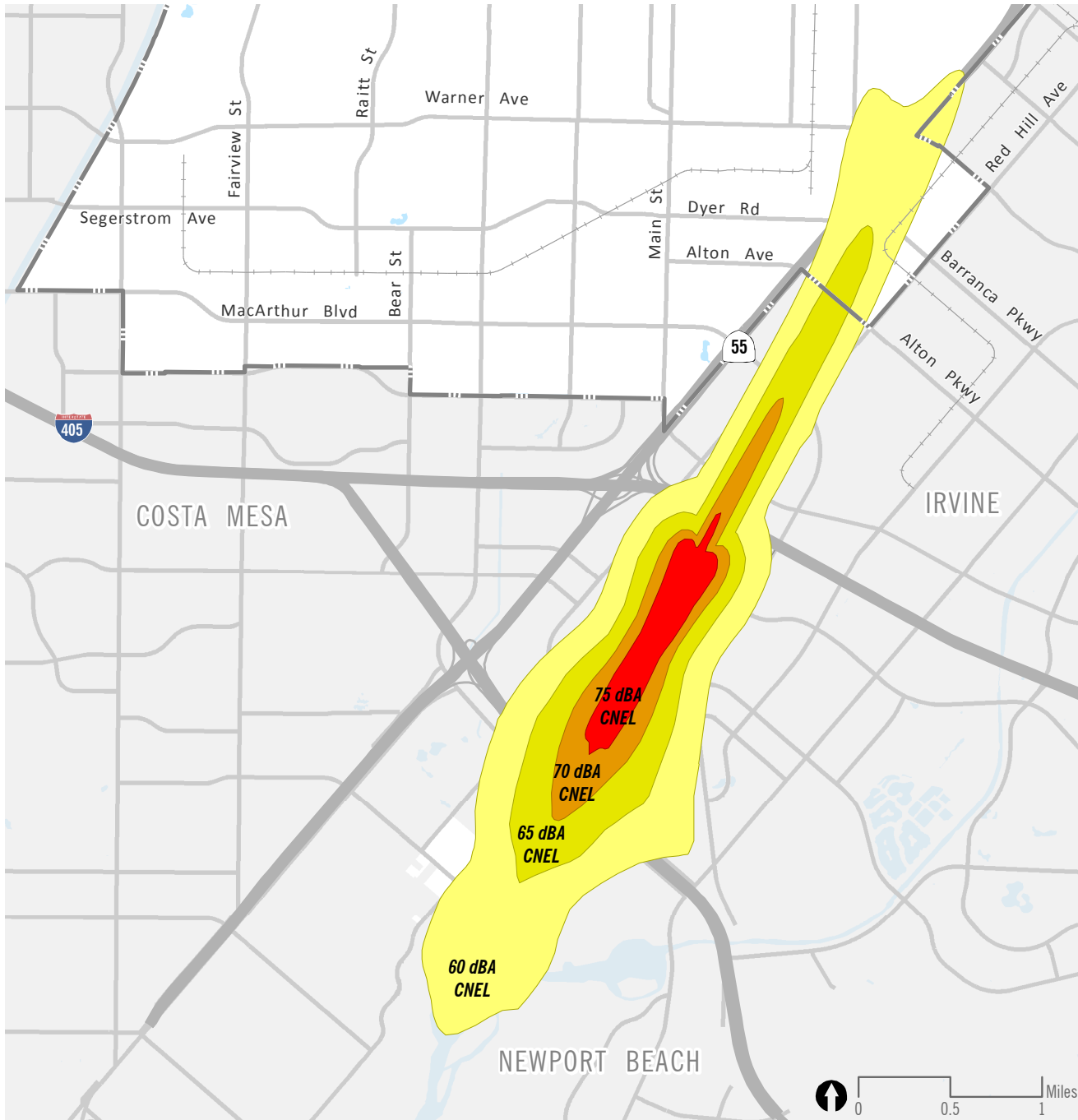


**ABOUT THE MAP.** This map shows the exterior levels of noise created by aircraft operations at John Wayne Airport. California Building Code (Title 21) standards states that the basis for the acceptable level of aircraft noise for persons living in the vicinity of airports is 65 decibels (dBA CNEL).



Santa Ana Airport 2012 Annual Noise Contours

- 60 dBA CNEL
- 65 dBA CNEL
- 70 dBA CNEL
- 75 dBA CNEL

Source: Recreated from Orange County Airport Land Use Commission, Airport Environs Land Use Plan for Santa Ana Airport, 2008. Date Published: 9/20/2020

**Community Noise Equivalent Level (CNEL):** The energy-average of the sound levels during a 24-hour period, with 5 decibels (dB) added to the levels from 7:00 pm to 10:00 pm and 10 dB added from 10:00 pm to 7:00 am. The decibels are measured in terms of relative loudness as perceived by the human ear, referred to as A-weighted decibels (dBA).

**FIGURE N-3**  
**AIRPORT NOISE CONTOURS**

