

GOAL N-1 NOISE

An environment where public health and welfare are protected by reducing existing noise problems and preventing future degradation of the acoustic environment.

Related Policies

Land Use Element

Policy LU-3.4 States:

Industrial Impacts.

Mitigate the impacts that industrial and other non-residential uses which use, store, produce, or transport toxics, *generate unacceptable levels of noise*, air emissions, or contribute other pollutants have on the surrounding community.

Policy LU-5.1 States:

Environmental Sustainability.

Ensure that new development is sensitive to the City's stewardship of the environment. *Provide measures to minimize the impacts of future development on air quality, runoff, water use, trash generation (and its impacts on the ocean), noise, and traffic (including things such as exhaust generated from underperforming intersections).*

Policy N-1.1 Noise Compatibility. Require mitigation to ensure existing and future land use compatibility as required by the City's Noise Ordinance (Table N-01), and interior and exterior noise standards identified in the building code.

Policy N -1.2 Enforcement and Maintenance of Local Standards. Enforce the City's Noise Ordinance to effectively regulate noise conditions that are expected to occur within the City. Update the ordinance when necessary to regulate new or previously unidentified noise conditions, comply with new laws and regulations, and reflect best practices in noise regulation.

Policy N -1.3 Building Standards. Require new projects comply with noise insulation and vibration standards of local, regional, and state building code regulations.

Policy N-1.4 Residential Development. When new residential development or redevelopment is proposed adjacent to land designated for mixed-, industrial or, commercial uses, require the developer to assess the potential noise impacts of the adjacent use on the proposed residential uses and fund feasible noise-related mitigation measures.

Policy N -1.5 Nonresidential Development. When new nonresidential development project or redevelopment project including expansion of existing facilities, significant redevelopment, or a change in use that requires discretionary action is proposed adjacent to land designated for mixed- or residential uses, including the residential overlay or is adjacent to existing sensitive receptors such as schools, religious institutions, public facilities, parks, open spaces, conservation areas, or offices, require the developer to assess the potential noise impacts of the nonresidential project on the adjacent use and include feasible on-site mitigation measures to reduce noise to an acceptable level.

Policy N-1.6 Noise from Businesses. Mitigate persistent, periodic, or impulsive noise impacts of business operations on surrounding neighborhoods and nearby Sensitive Receptors.

Policy N -1.7 Transportation Noise. Minimize potential transportation noise through roadway design, the enforcement of truck routes, the expansion of the city's pedestrian and bicycle networks, converting the City fleet vehicles to electric, implementing traffic control or abatement measures, and employing other transportation noise control strategies.

Policy N -1.8 Railroad Noise. Minimize the noise effect of railroad transit (freight and passenger) on residential uses and other sensitive land uses.

Policy N-1.9 Airport Noise. Advocate that future flight path selection be directed away from existing noise sensitive land uses.

- Policy N-1.10 Construction Noise.** Minimize the impacts of construction noise on adjacent uses through the enforcement of mitigation requirements established in the City’s Noise Ordinance, such as legal hours of operation, advance noticing of construction operations, incorporating physical barriers as necessary, and using tools and equipment properly outfitted with sound-dampeners.

- Policy N -1.11 Coordination with Transportation Authorities.** Collaborate with transportation providers, neighboring jurisdictions, Caltrans, and regional entities in the preparation and maintenance of transportation-related plans to identify and minimize noise impacts and provide appropriate mitigation measures. Support efforts to electrify transit fleets.

- Policy N -1.12 Metro Expansion.** Support and advocate plans for metro expansion that preserve or improve the existing interior and exterior noise environment of Redondo Beach residences and other sensitive land uses with consideration for volume of noise, level of vibration, location of future Metro operations, frequency of proposed metro operations compared to current rail operations, and metro operating hours compared to current rail operations. Oppose the use of the existing rail right-of-way for the extension of the Metro line and support the extension within the Hawthorne Boulevard right-of-way.

- Policy N -1.13 Coordination with Railroad Operators.** Collaborate with railroad operators to ensure maintenance of rail lines, establish operational restrictions to reduce adverse noise impacts in residential areas and other noise sensitive areas, and install noise control features where operations impact existing or planned residential uses.

- Policy N -1.14 Noise Element.** Review the Noise Element to determine if updates are required whenever the Safety Element is updated. Update the Noise Element including noise contours whenever the Land Use or Circulation Elements are updated to allow for more intense land uses or increased impacts from mobile noise sources.

Noise Control Measures

A variety of strategies can be used to control noise, including:

Noise abatement:

- Insulation
- Noise barriers
- Mechanical dampening
- Technological solutions

Design techniques:

- Building setbacks
- Placement of parking and utility areas
- Building orientation

Other mitigation:

- Staggered or limited operating hours