



Study Area: Noise & Vibration

Noise and vibration have the potential to impact the environment. The EIA will study these effects to help make sure the EWA is designed and built in a way that **delivers benefits to Caymanians** while minimizing disruptions to daily life and keeping **our natural spaces healthy**.

Noise and vibration associated with construction and with traffic can change the environment. It has the potential to affect residential properties, protected species, or other noise-sensitive areas. The EIA will consider the effects from construction noise and vibration, and the effects from traffic (operational) noise. The level of anticipated operational noise change is assessed per alternative and per the No-Build scenario by considering current and projected traffic volumes, speed, and vehicle composition.

NOISE AND VIBRATION

To evaluate noise and vibration, the EIA uses:



Current and projected traffic volumes



Speed



Vehicle composition

The EIA will assess the potential effect from noise and vibration on neighboring properties such as residences and community facilities:

165 ft away

On an area within **165 ft** (50m) of the existing roadways for construction of a new road

2,000 ft away

On an area within **2,000 ft** (600m) of a new roadway for operation of a new road

THE PROCESS

