

HIGHLIGHTING ENVISION CREDITS



QL1.2 Enhance Public Health and Safety



**Institute for
Sustainable
Infrastructure**



ENVISION™



Envision includes 64 sustainability and resilience indicators, called 'credits', organized around five categories.

CREDIT HIGHLIGHT

QL1.2

Enhance Public Health and Safety



CREDIT INTENT

Protect and enhance community health and safety during operation.



METRIC

Measures taken to increase safety and provide health benefits on the project site, surrounding sites, and the broader community in a just and equitable manner.



QUALITY OF LIFE: WELLBEING

WHAT DOES THIS CREDIT ADDRESS?

The degree to which infrastructure projects *contribute to increased safety and health* benefits on the project site, surrounding sites, and the broader community.

Envision does not in any way replace, supersede, or create exceptions for existing local, state/provincial, or national health and safety regulations.



WHY IS THIS IMPORTANT?

Enhancing and emphasizing positive health and safety benefits can *help change public perception about the value of infrastructure.*



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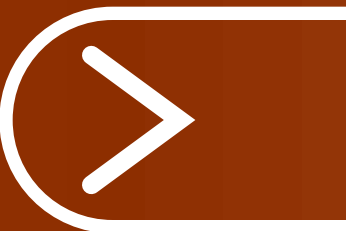
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Project teams should consider:

How improving the safety and health benefits of the project, its surroundings, and the broader community, and communicating these benefits to stakeholders, can help *combat negative perceptions that lead to conflicts* and project delays (e.g., “NIMBY”).



QL1.2

Enhance Public Health and Safety

Guides project teams to:

1. Confirm that the project *meets all health and safety regulations* and laws for operations.
2. Take actions to *exceed minimum* legal health and safety requirements.
3. Include health and safety improvements for the *immediate surroundings*.



QL1.2

Enhance Public Health and Safety

Guides project teams to:

4. Include health and safety improvements for the *broader host or affected communities*.
5. Demonstrate that health and safety risks and impacts are *not disproportionately borne* by one community over another.
6. Provide *critical infrastructure services* to communities experiencing, or at risk of experiencing, imminent negative health and/or personal safety impacts.



IN PRACTICE

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Grand Concourse, Phase 5 transforms a busy commercial and residential thoroughfare, one of the most iconic in Bronx, New York. The project is designed to improve safety and livability for the existing residents, address future increased traffic demands and congestion, and revitalize a key corridor. A safer, pedestrian-oriented environment is a primary goal, with raised crosswalks to help slow down vehicles at crossings, curb extensions to shorten distances to cross, and wider medians as safe refuges when crossing the street. For cyclists, this project delivers buffered bike lanes — with separation from vehicle traffic — and grade-raised bike lanes to improve the visibility and safety of cyclists. The project also introduces traffic calming measures such as reconfigured slip lanes and lower speed limits.

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Learn more at sustainableinfrastructure.org