

## Longfellow Street Shared Space Design

Santa Monica's Borderline Street Design is one of the first shared space designs in the United States. The concept mixes all road users in a low-speed environment where physical cues guide driver behavior rather than traditional traffic signals, signs, markings and curbs. Longfellow Street is two blocks long and 40-feet wide; it lies one block from a major arterial and links the Borderline neighborhood's retail corridor with Ozone Park, a treasured neighborhood resource in Santa Monica.

Nelson\Nygaard led a team of civil engineers, architects, and landscape architects in the development of conceptual and final designs for the project. Creating a street without curbs and sidewalks meant addressing public concerns and ADA issues; the team collaborated extensively with the neighborhood and the U.S. Access Board.

The design raises Longfellow and adjacent streets to sidewalk level. Paving materials, textures, tones, and colors guide users' movements. Gardens are expanded and made more sustainable with drought resistant landscaping, rain gardens, and permeable pavers. Pedestrian solar lighting and colored paving at the intersections create a neighborhood entrance. A narrow carriageway calms traffic and mitigates infringement from non-local traffic.

The design team continued their involvement in the project by providing construction administration support to the City of Santa Monica.



**Project Duration:** 2007-2010

**Total Budget:** \$427,000

**For more information:**

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