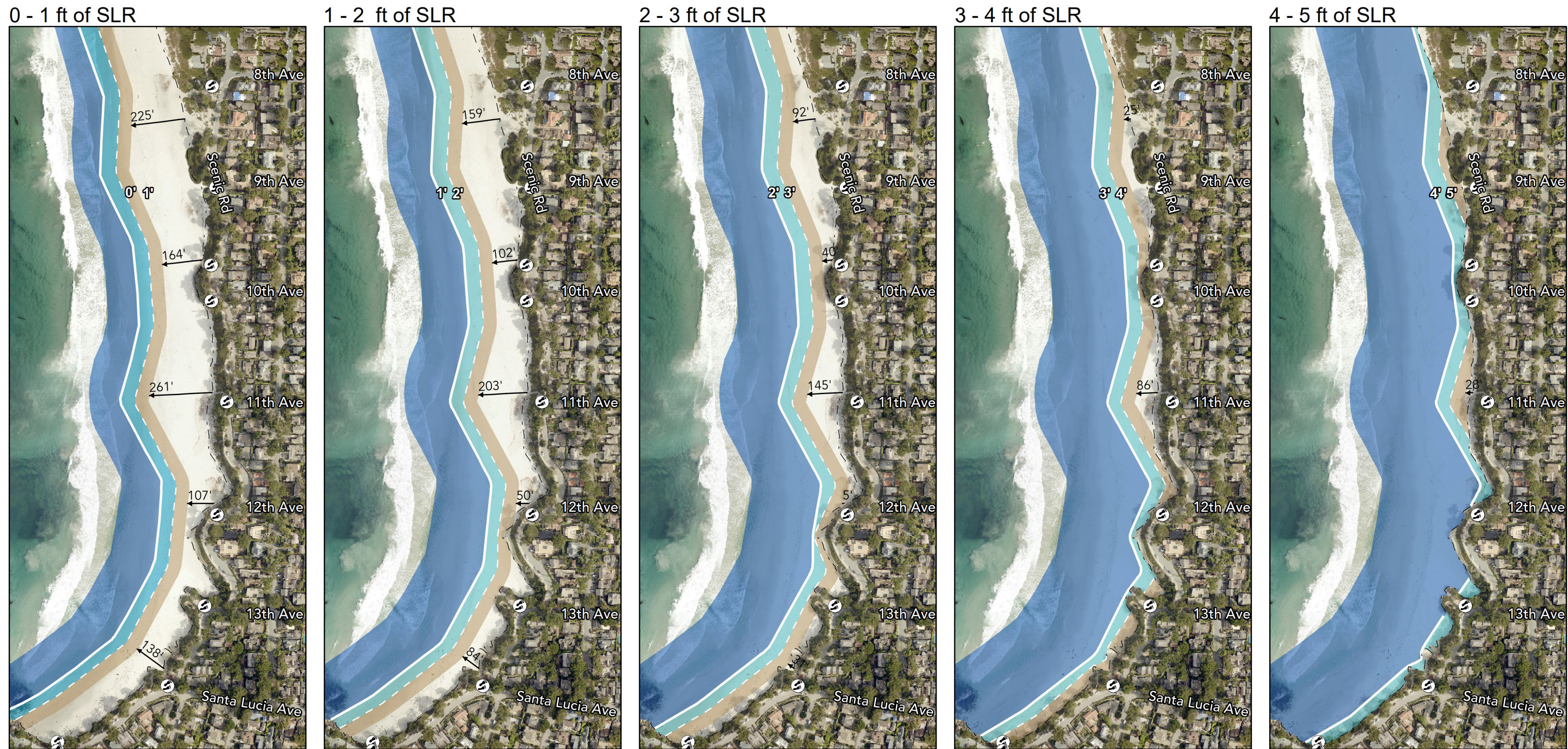


Summer Beach Width Change Projection - South Carmel Beach



Beach Narrowing by Foot of Sea Level Rise

Sub Tidal	Beach Narrowing	Wet Sand	Dry Sand
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Max. Beach Observed (1984-2021) Toe of the Cliff, Dune, or Armor

Shoreline Features

- Coastal Access Location
- Typical Summer Beach (1984-2021)
- Toe of the Cliff, Dune, or Armor (2022)
- Typical Summer Beach Projection - Elevation 1
- Narrowed Summer Beach Projection - Elevation 2

Notes: Beach changes represent a typical summer beach (75th percentile shoreline position determined using CoastSat data from 1984-2021).

Sea level rise elevations and time periods are based on 2018 OPC guidance and refer to a high emissions scenario with 2020 as a baseline.

Sources of sediment from potential dune and cliff eroded material have not been considered.

SLR Elev. (ft)	Projected Years	
	1-in-200 Chance	Likely
1	2045 - 2060	
2	2060 - 2080	
3	2070 - 2100	
4	2080 - 2100+	
5	2090 - 2100+	

0 150 300 Feet

Aerial: EagleView, 2022