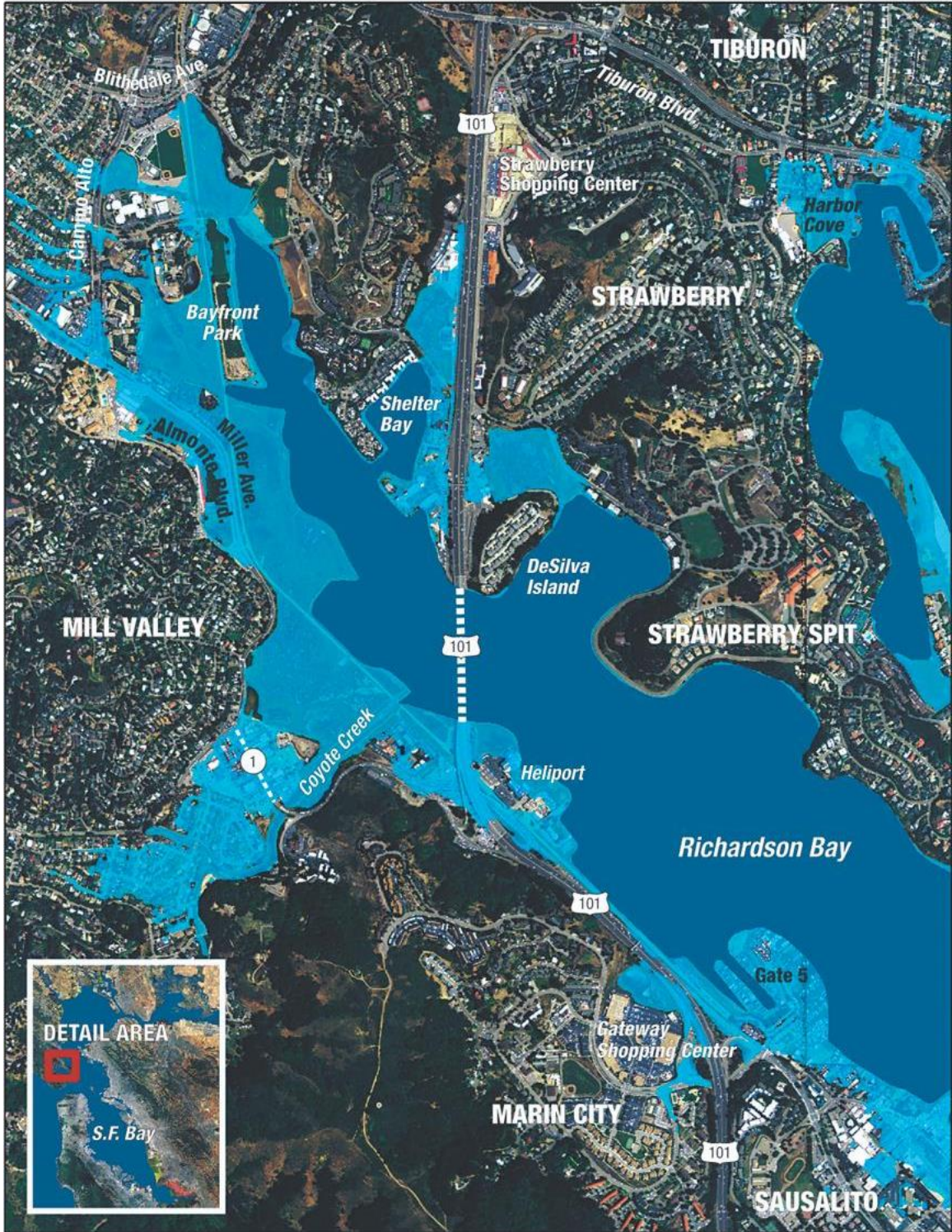


ADDENDUM IV
MAPS OF SEA LEVEL RISE

One meter sea level rise at Richardson Bay 



Source: BCDC

ADDENDUM IV MAPS OF SEA LEVEL RISE (Continued)

Excerpt from the Golden Gate National Parks Conservancy Booklet



Marin County Parks' 106-acre Bothin Marsh Open Space Preserve hosts a unique mix of wetlands and trails that will be severely affected by the 10 inches of sea level rise predicted in the next 10 years.

CHANGE IS HERE

Flooding from sea level rise makes local trails and roads impassable at least 30 times per year. Nearby homes, schools, buildings, and other infrastructure are likewise threatened by waters that will continue to rise.

While climate change projections vary, we expect that Bothin Marsh and the Mill Valley-Sausalito Multiuse Path (Bay Trail) will be severely inundated with 10 inches of sea level rise in 10 years (see map, left).

This amount of sea level rise will regularly flood 90 percent of Bothin's wetlands. Not only will floods be more common, they will also last longer. Storm surges will also become more powerful and damaging.

Under these conditions, important wetland and shoreline habitats will be lost, and with them the flood reduction, water filtration, and carbon storage they provide. The existing Bay Trail will also become unsafe.

But 10 inches is just the start. To help Bothin Marsh continue to evolve with rising tides, we are part of a broad coalition working to determine how to accommodate up to 36 inches of sea level rise. This represents what we believe is achievable in the near future, and how we can help prepare the Preserve for conditions expected by sometime in the middle of the century.

With the need to accommodate so much more water, the Bothin Marsh of the future will look different than it does today. We will work to ensure that its habitats, trails, and special character endure.

Because Bothin Marsh does not exist in isolation, we are also working with local agencies including the Marin County Department of Public Works and the City of Mill Valley. We will ensure what we are planning here is coordinated with what they are doing to address nearby flooding and safety issues.