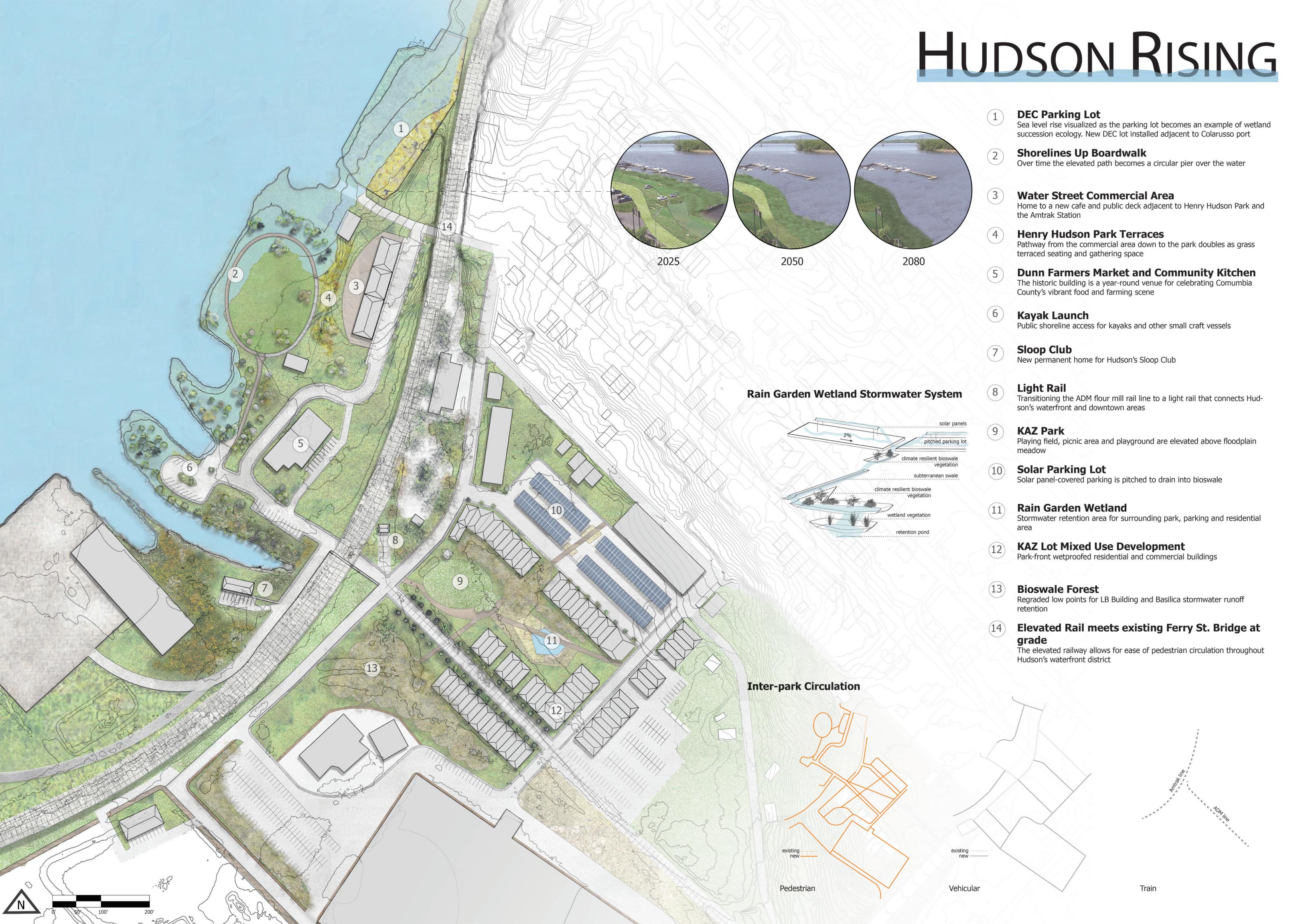
HUDSON RISING



Climate Adaptive Strategies

Elevating Circulation

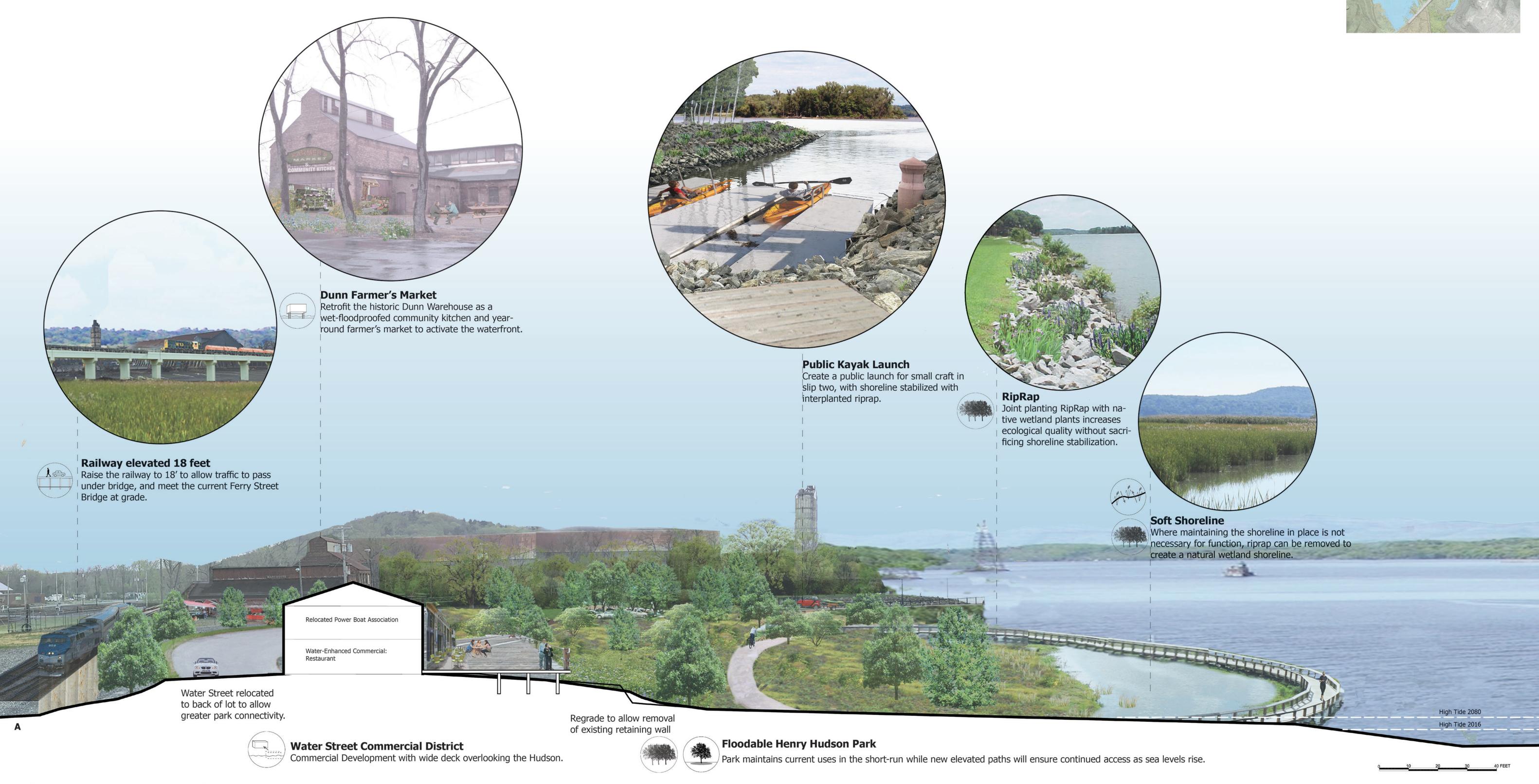
- 2016 Shoreline



HUDSON RISING

Connected Waterfront





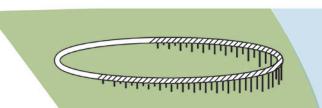
Ecologically Enhanced Shoreline
Existing: 1,444 feet
Proposed: 2,733 feet

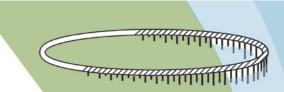
Commercial SpaceExisting: 325,776 square feet
Proposed: 432,194 square feet

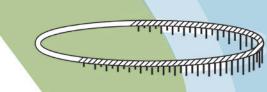
2025 : Current Uses

2050: Intertidal Zone Boardwalk

2080: Wetland Boardwalk







HUDSON RISING

Resilient Grid



Solar Parking Lot Solar Panels generate energy for surrounding buildings



Light Rail Extend 2nd Street the the L&G and Basilica sone with integrated light rail using the former ADM spur line.





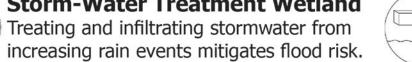
KAZ Site Development

All proposed development, residential and commercial, will have wet-floodproofed ground floor uses such as parking.

Visible Wetland



Storm-Water Treatment Wetland Treating and infiltrating stormwater from



KAZ Park Non water dependent activities such as soccer and picnicking that can no longer take place in Henry Hudson Park due to sea level rise.

Grid Expansion

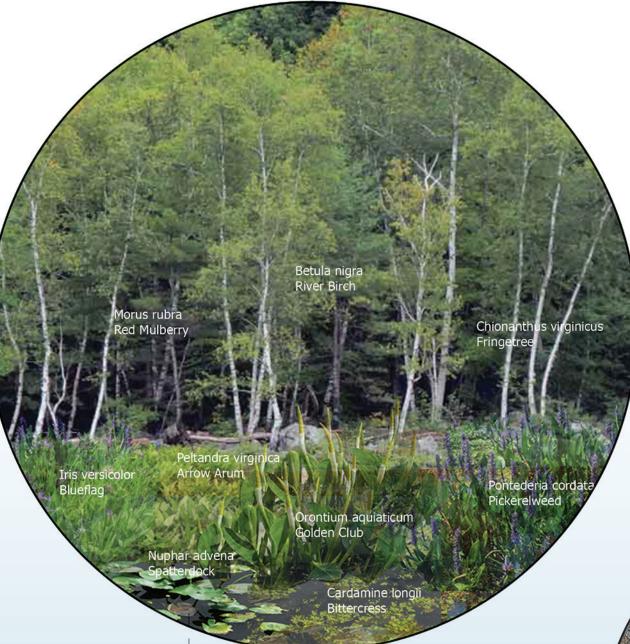
Extend 2nd Street to L&G building, develop KAZ lot and Hudson Hotel, and extend Deer Lane to 2nd Street.





South Bay Nature Trail

Build an integrated boardwalk loop over the former causeway and elevated 9G providing views of the rehabilitated wetland.

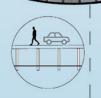




Encourage Wetland Migration

Rising water levels will drown the Phragmites which currently dominates South Bay; planting wild rice and other rare species can encourage their colonization of the







Create a formal, two-way road along the south edge of the L&B building which will allow gravel trucks to access the deep-water port without going through downtown Hudson or using the Causeway.



Existing: 2,307,638 square feet Proposed: 4,055,849 square feet

Permeable Surfaces Existing: 121339 square feet Proposed: 354,364 square feet

Parking Existing: 633 spaces Proposed: 832 spaces



Elevate 9G out of 2080 Floodplain

Raise highway 9G/23B to 12' on piles out of the current and future flood plain and allow wetland migration as the sea-level rises.



Open the Causeway

Create a 40' opening in the Causeway to double the area of valuable tidal marsh habitat and allow marsh migration; gravel trucks re-routed along L&B.

Existing Condition: Gravel Access Road

No Tidal Connectivity

Proposed Opening: Boardwalk Nature Trail **Full Tidal Connectivity**

