Measures Explorer

FLOOD MEASURES: Physical Infrastructure DESCRIPTION: Marine structures along the waterfront can be raised above the elevation of shoreline land to provide flood protection. This measure creates a floodwall along the shoreline using the marine structures and protects any buildings on top of the structure by raising them out of the flood levels. **Raised Marine Structures DESIGN LIFE IMPACT ON THE WATERFRONT SHORELINE LOCATION:** 50+ years Major Intervention **ADAPTABILITY CONSTRUCTION COST** Varies Medium TBD **COASTAL FLOOD IMPACTS MITIGATED:** Sea Level Rise Storm Surge Groundwater Waves Erosion $\mathbf{\Lambda}$ $\mathbf{\Lambda}$ **Types of Raised Marine Structures:** San Francisco Ferry Terminal Expansion Project **Elevated Wharf Elevated Piers**

