

Name of Exhibit: **ExhibitFLeverage**

Name of Applicant: **The State of Connecticut**

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Outcomes - Long-term solutions. This proposal outlines a long-term vision for establishing more resilient coastal communities where structures and critical infrastructure in the flood zone are adapted to withstand occasional flooding and protected by healthy buffering ecosystems, where critical services, infrastructure and transport hubs are located on safer, higher ground, and where strong connections exist between the two. By leveraging other ongoing and planned projects it is possible to make substantial progress in selected communities. This proposal outlines interventions throughout coastal communities, but primarily focuses on the expansion of opportunities and supporting infrastructure to create mixed-income, mixed-use, transit-oriented development in resilient centers. The proposal includes multi-phase projects with some components requiring upfront funding for construction and others that will require longer-term maintenance. The innovative funding mechanisms, including the provision of the long-term maintenance and programmatic costs, will be described for each project in Phase 2.

Co-benefits. Promoting development oriented toward transit networks will reduce climate and air quality impacts from transportation and relieve pressure on undeveloped land. Expanding housing choice within resilience zones will expand access to regional economic opportunities and help to support economically and socially diverse communities. Providing additional housing opportunities within the community also supports long-term community resiliency and social cohesion as residents affected by flooding will have ample housing choices that allow them to stay within their own communities. Mitigating flood risks with green infrastructure and living shorelines presents numerous opportunities to improve environmental quality.

Measuring success. Project-specific metrics will be developed for each program component in Phase 2. These metrics are likely to include: the increased number of affordable housing units created outside of flood zones or benefiting from mitigation measures; the increased number of housing units and amount of commercial building space built or renovated within a half mile of a

rail or bus station; the increased number of property owners with access to affordable financing for mitigation measures; the increased number of towns participating in the Community Rating System; the increased capacity of green infrastructure to manage surface run-off; the reduction in the number of households with limited egress from their homes during times of flooding; and reduction in the number (or value) of properties exposed to flood risk.

Leverage - Partners and stakeholders. The Applicant's partners include State agencies that are involved in major infrastructure projects being undertaken on a multi-decadal time scale (Exhibit C, pg. X). CTDOT has committed to coordinating applicable activities in its Capital Infrastructure Plan with this proposal. Other SAFR partners have committed to exploring similar opportunities during Phase 2. The regional partners, CCM and the COGs, as well as selected municipalities will be key to the implementation and maintenance of projects and have been active in developing this application. CIRCA Advisory Committee members, (Exhibit C, pg. X) have voiced their support for this application. The recent redevelopment and flooding mitigation project in Meriden demonstrates the State's ability to work cooperatively and draw upon diverse funding sources to support complex and large-scale redevelopment projects.

Financing resilience. The Applicant has consulted with CIRCA's advisory committee, Connecticut Green Bank (a public private partnership, which is approaching \$100 million in value for private financing for climate mitigation), the CDI, Munich Reinsurance America Inc., State Farm, the Housing Authority Insurance Group, and on the potential opportunities to finance the mitigation investments needed in Connecticut. These discussions on opportunities to use cost savings and other incentives to support mitigation will continue to be a priority for the State.

Co-benefits as leverage. Enhancing the resilience of the transportation network will result in cost savings from reduced business interruption, stabilized property values, and most importantly improved emergency access which reduce the loss of life and property. Using TOD as a tool for

economic resilience creates the potential to leverage private investment as well as public funding from the Governor's second-term priority of a "best-in-class transportation system" and funding to support smart growth. Green infrastructure can improve storm water management and reduce the investment needed to upgrade sewer infrastructure and improve water quality.

Committed and potential leverage. The State has already committed \$500,000 to prepare the CDBG-NDR application. Potential sources of leverage have been identified for projects in Phase 2 which have the potential to extend the reach of this approach beyond the MID counties. This leverage totals approximately \$2.75 billion including: Connecticut DOT 2015-2019 Capital Infrastructure Program (\$1.7 billion FY 2015); State-Sponsored Housing Portfolio revitalization plan (\$300M); Clean Water Fund (\$480M 2015 with \$103M set-aside for green infrastructure and adaptation); Drinking Water State Revolving Fund (\$133.6M SFY 2014&2015); Connecticut Microgrid Grant and Loan Program (\$23.1M); Shore Up Connecticut loans (\$25M); bond funds under the State's Hazard Mitigation Buyout Assistance Program (\$4M); Bond Funds for Beach Erosion or Flood Control Project; and the Connecticut Institute for Resilience and Climate Adaptation with a seed budget of \$2.5M, but also actively pursuing research grants from NOAA, USDA, EPA, NSF and USAID. The state's TOD workgroup has also identified and shared with SAFR 30 potential funding sources (over \$50M) to support TOD planning and implementation. The Governor's proposed budget has allocated new spending for green infrastructure (\$20M) and resiliency projects (\$20M). The EPA Long Island Sound Study and Connecticut Sea Grant also provide hundreds of thousands of dollars annually to support to research on coastal issues and climate change. With the support of the Tremaine Foundation, the Applicant will continue reaching out to the philanthropic community including the Fairfield County Community Foundation and the Community Foundation for Greater New Haven.