CDBG-DR Funding Project Description for Hurricane Ian

CDBG-DR Infrastructure and Public Facilities Program

Agency	Project Description	Proposed Funding
Orange County Utilities	***Orlo Vista Integrated Water Resources Project*** – Mitigation of flooding in the Orlo Vista area by pumping excess stormwater from the lake/pond system into the adjacent headwaters of Shingle Creek and subsequent withdrawal at the South Water Reclamation Facility (to be used for irrigation).	$12,600,000
Orange County Public Works	***Long Lake Pump Station Improvements*** – Improving the structural integrity of the Long Lake Pump Station infrastructure to enhance the flood resilience. Improvements include replacement of two diesel pumps with electric motor-driven pumps, installation of a backup generator, and rehabilitation of a 900 feet of discharge force main to restore full functionality.	$8,711,455
Orange County Public Works	***Bonnie Brook Subdivision Drainage Improvements*** – Construction of a new stormwater pump station, to include a new collection system to properly convey stormwater runoff while providing water quality treatment before discharging to Shingle Creek. The project also includes upgrading existing pumps.	$1,514,104
City of Orlando	***Richmond Heights Flood Mitigation*** – Improvements to the underperforming stormwater system to mitigate street flooding, protect homes and ensure evacuation and safety routes are passable.	$12,498,549
City of Orlando	***Haralson Estates Stormwater & Flood Mitigation Project*** – Conversion of an open-swale drainage system to a modern closed drainage system, significantly improving water conveyance and reducing standing water on roadways and private property. The project includes installation of underground stormwater pipes, resurfacing of roadways, and construction of sidewalks.	$8,701,411
City of Winter Garden	***Bethune, Edgeway, Basin, Maxey & Dunbar Drainage Project*** – Mitigation of flooding of existing homes in the East Winter Garden area by adding inlets and upgraded stormwater systems (ponds and piping). The project consists of surveying the area, stormwater modeling and plans development to maximize the collection of stormwater and implementation of improvements.	$6,562,500

City of Winter Park	***W/WWW Lift Station Project – Ravaudage & Wymore*** – A multi-jurisdictional project that consists of installation of new and upgraded pump stations (to include wet wells, duplex submersible pumps, and upgraded instrumentation, and hardening improvements) at Ravaudage and Wymore. Improvements are expected to mitigate future intrusion into properties and adjacent waterbodies, and to divert flow to free up capacity in the downtown core.	$5,157,507
Total CDBG-DR Infrastructure and Public Facilities		**$55,745,526**

CDBG-DR Mitigation Program

Agency	Project Description	Proposed Funding
Orange County Public Works	***Verona Park Subdivision & Pump Station Improvement*** – Mitigation of flooding within the subdivision and adjacent communities by reshaping the Azalea Park Canal east of the pump station and by constructing two new overflow weirs. Additional improvements include installation of new storm sewer pipes, inlets, and manholes along Toledo Street to capture and convey stormwater to the existing pond; and installation of a trash skimmer at the pond's outfall pipe to further reduce flood risk.	$3,660,966
City of Ocoee	***Roper Parkway & Capital Court Drainage Improvement Project*** – Drainage improvements to increase the flood resiliency of the communities located in the western portion of the Lake Lotta Basin. Improvement includes installation of upgraded culverts to provide a larger drainageway for stormwater to be safely conveyed through the basin.	$486,627
City of Orlando	***Orlando Flood Mitigation Through Drain Well Replacements*** – The project entails replacing 13 defunct drainage wells in low-to-moderate income areas of the city and adding baffle boxes where practicable to protect water quality. The project will assist in maintaining lake levels, allow lake levels to be lowered prior to storm events, relieve roadway flooding during heavy rains, and improve stormwater management in landlocked basins.	$15,750,000
Town of Eatonville	***Eatonville Resilience & Recovery*** – Mitigation of severe flooding from Lake King on the Catalina subdivision by creating overflow storage, implementing green stormwater infrastructure and upgrading the outfall system.	$8,291,743
Total Mitigation Projects		**$28,189,336**

CDBG-DR Planning Program

Agency	Project Description	Proposed Funding
Orange County Office of Sustainability & Resilience	***Building Community Resilience*** – Development of an action plan to transform Orange County's eight Community Centers into resilience hubs. Assessments will cover five areas: Programming and Services, Structure, Power, Communications, and Operations—prioritizing energy efficiency and reliability including solar and battery storage. The final deliverable will outline tailored improvement plans for each center.	$500,000
City of Ocoee	***Lake Lotta and Northwest Ditch Basin Studies*** – Studies to support comprehensive planning activities based on the Interconnected Channel and Pond Routing (ICPR) modeling that will prioritize mitigation measures to reduce or eliminate long-term flood risks. The studies will also help the City develop a Watershed Master Plan to support drainage improvement projects, avoid drainage issues in developing areas, and improve the City's rating with the Credit Risk Sharing (CRS) system.	$500,000
City of Orlando	***Nature Based Solutions for Flood Mitigation*** – Development of a sustainable approach to managing stormwater while enhancing urban ecosystems. By integrating green infrastructure, the City can mitigate flooding, reduce stormwater runoff, improve water quality and bolster long-term resilience against future extreme weather events without the embodied carbon that comes with traditional "grey" infrastructure. As a result, cost-effective NBS flood mitigation projects and standards will be identified.	$500,000
Total Planning		**$1,500,000**