

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
1	<b>Aquatic Gardens Flood Mitigation:</b> Replacement of insufficient box culvert to alleviate the identified main pinch point and reconstruct adjacent roadway. Property may also be acquired to enlarge the existing retention pond servicing the area	City of Atlantic Beach	City of Atlantic Beach - Department of Public Works	City of Atlantic Beach	F/SS	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding*  (See note; Includes HMGP, PA)	Y	\$2,000,000	In Progress as of December 2024	24 Months
2	<b>Stanley Road Flood Mitigation:</b> Replace all existing drainage piping related to a flood-prone area to redirect storm water to an FDOT-owned retention pond at Mayport Road	City of Atlantic Beach	City of Atlantic Beach - Department of Public Works	City of Atlantic Beach	F/SS	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$668,138	In Progress as of December 2024	24 Months
3	<b>Sea Gardens Lift Station Generator:</b> Purchase and install a generator at the sewer lift station at 2277 Seminole Rd	City of Atlantic Beach	City of Atlantic Beach – Department of Public Utilities	City of Atlantic Beach	CID	<b>Goal 1:</b> Reduce Risk	FEMA FY24 BRIC	Y	\$90,000	Existing	24 Months
4	<b>Cutlass Drive Box Culvert Expansion:</b> Expand the existing box culvert at Cutlass Drive and provide additional storage of stormwater runoff in the Hopkins Creek drainage ditch	City of Atlantic Beach	City of Atlantic Beach - Department of Public Works	City of Atlantic Beach	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP 4486-050-R	Y	\$1,500,000	In Progress as of December 2024	36 Months
5	<b>Dora Drive Flood Mitigation Pond:</b> Construct a pond providing stormwater runoff storage to help relieve flooding in the Francis Ave area	City of Atlantic Beach	City of Atlantic Beach - Department of Public Works	City of Atlantic Beach	F/SS	<b>Goal 1:</b> Reduce Risk	Multiple: Local/ State/ Federal (including pre & post disaster funding)	TBD	\$1,500,000	Existing	48 Months
6	<b>Mary Street Storm water Improvements:</b> Restoration of an existing storm water infrastructure via replacement of undersized driveway culverts and roadway culverts in the vicinity of Mary Street between Dutton Island Road, Stewart Street and Main Street. The project also consists of the regrading of drainage swales on the south side of Stewart Street	City of Atlantic Beach	City of Atlantic Beach - Department of Public Works	City of Atlantic Beach	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP Tier III	Y	\$383,422	In Progress as of December 2024	16 Months
7	<b>20th St Lift Station Generator:</b> Purchase and install a generator at the sewer lift station at 404 20th Street	City of Atlantic Beach	City of Atlantic Beach – Department of Public Utilities	City of Atlantic Beach	CID	<b>Goal 1:</b> Reduce Risk	FEMA FY22 BRIC	Y	\$94,400	Funded In Progress as of December 2024	12 Months
8	<b>Cavalla Road St Lift Station Floodproofing:</b> Protect the Cavalla Road sewage lift station from a 100-year flood	City of Atlantic Beach	City of Atlantic Beach – Department of Public Utilities	City of Atlantic Beach	CID	<b>Goal 1:</b> Reduce Risk	FDEP Resilient Florida Implementation Grant – 23FRP05	Y	\$400,000	Existing	24 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
9	<b>Palm Ave Lift Station Flood Protection.</b> Convert the existing lift station to a submersible station with a watertight hatch and relocate all electrical equipment to an elevation above the predicted 2044 BFE.	City of Atlantic Beach	City of Atlantic Beach – Department of Public Utilities	City of Atlantic Beach	CID	<b>Goal 1:</b> Reduce Risk	Pre or post disaster funds, City of Atlantic Beach Sewer Fund	N	\$510,000	Existing	12 months
10	<b>Drainage Master Plan:</b> Town of Baldwin drainage improvement plan	Town of Baldwin	Town of Baldwin - Public Works	Town of Baldwin	F/SS	<b>Goal 1:</b> Reduce Risk	Multiple: Local/ State/ Federal (including post disaster funding)	Y	\$100,000	Existing - Ongoing	More than 12 months
11	<b>Beach Renourishment Program:</b> Beach erosion project-program to mitigate storm surge damage.	All Beaches Municipalities, Duval	US Army Corps of Engineers (US-ACE)	All Beaches Municipalities, Duval	F/SS/W/ACC	<b>Goal 1:</b> Reduce Risk	Multiple: US-ACE; Capital Improvement Plan (CIP)	Y if Post-disaster through PA or HMGP (404 or 406)	\$22,000,000 (10+ miles @ \$3-5M per mile)	Existing	36 Months
12	<b>McCoy's Creek Project - Phase I &amp; II:</b> Floodplain restoration adjacent to McCoy's Creek and improvements to the flow characteristics of the creek. The City of Jacksonville is proposing to alleviate these problems in a combined project that demolishes and reconstructs, and elevates two low lying bridges (Phase 1A-Requesting HMGP/City Funding for King and Stockton Street Bridges) above the 100 yr flood plain, improves the creek water flow with a channel improvement project (Phase 1B-Requesting HMGP/City Funding, From Cherokee Street to the St. John's River), adds in multi-modal trail improvements, (Phase 1C-City/Other Grant Funding, Multi-modal from Leland Street). This application speaks to Phase 1A, 1B and 1C which will cost approximately \$51.7 M in funding with Phase 1A estimated costs of \$15 M, and Phase 1B and the outfall will cost \$28.6 M.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Multiple: Storm water Management Fund; Bond funds; Federal and State aid, if available	Y if Post-disaster	\$28,600,000	Partial HMGP Award	More than 12 months
13	<b>McCoy's Creek Project - Phase III:</b> Construction of a 40-acre storm water management facility. (Previously McCoy's Creek II) The above scope addresses the channel widening from Cherokee to the St. Johns River.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Multiple: Storm water Management Fund; Bond funds; Federal and State aid, if available	Y if Post-disaster	\$23,000,000	Existing	More than 12 months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
14	<b>Hogan's Creek Drainage Improvement Project:</b> Improved conveyance under the Arlington Street Expressway. Off-line Regional Storm water Facility at the Hart Expressway. In-line Regional Storm water Facility at Liberty Street. Relocation of repetitive loss properties	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Multiple: Storm water Management Fund; Bond funds; Federal and State aid, if available	Y if Post-disaster	\$15,000,000	Existing	More than 12 months
15	<b>The Emerald Necklace Pond (Hogan's Creek):</b> Flood mitigation for Hogan's Creek and Springfield neighborhoods - wet detection ponds	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Pre-Disaster* Funding (See note; includes FMA and STRLF)  Post-Disaster Funding	Y	\$2,000,000	Existing - Submitted to FEMA in 2013 PDM. Not implemented.	More than 12 months
16	<b>LaSalle Lift Station &amp; Generator</b> Installation of a pump station at LASalle Street in San Marco. Additional Improvements include: 1) new storm inlet rehabilitation and installations along roadways; 2) conveyance pipe rehabilitation and installation to a main trunkline 3) installation of a emergency generator to withstand 500 yr events.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS/CID	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	Lift Station Project cost is (\$8,400,000)  Emergency generator cost is (\$1,293,050)	Submitted to FDEM through HMGP DR4399 (Michael)	18 - 24 Months
17	<b>Acree Road Bridge Replacement Project</b> Demolition and replacement of three bridges along Acree Road. Acree Road is the primary road providing access to a major highway and connector for Duval and Nassau County.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS/CID	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$3,300,000	Submitted to FDEM through HMGP DR4399 (Michael)	6 Months
18	<b>Newtown Drainage Project:</b> Infrastructure improvement considerations include pavement widening, curb and gutter addition, sidewalks, and drainage improvements.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS/CID	<b>Goal 1:</b> Reduce Risk	Pre Disaster Funding Post Disaster Funding	Y	\$8,000,000	Existing	24 Months
19	<b>COJ Main CADD Building Fiber Optic IT Hub:</b> Replacement existing generator unit and associated electrical infrastructure (no longer produced) with a 600KW model generator and associated electrical infrastructure onto roof.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS/CID	<b>Goal 1:</b> Reduce Risk	Pre Disaster Funding Post Disaster Funding	Y	\$600,000	Submitted to FY21 BRIC	6 Months
20	<b>Hopkins Creek Regional Stormwater Improvements:</b> Increase the capacity of Hopkins Creek under the crossings of Florida Blvd. and Forest Ave. The project will also raise the elevations of these two roadways.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS/CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y	\$9,000,000	<b>New</b>	18 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
21	<b>Drainage Improvements:</b> Improvements for the interior drainage system of the Jacksonville Zoo and Gardens	City of Jacksonville	Jacksonville Zoo and Gardens	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$50,000	Submitted to FDEM through HMGP DR4337 (Irma)	12 Months
22	<b>Dinsmore Area Drainage Improvements:</b> Correct flooding occurrences in the North Side of Jacksonville	City of Jacksonville	Jacksonville Zoo and Gardens	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	State and Federal	Y	\$4,522,000	Not yet submitted	More than 12 months
23	<b>Main Jail Retrofit:</b> Elevation of generator serving the main jail	City of Jacksonville	Jacksonville Sheriff's Office (JSO) and City of Jacksonville Public Works	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP Tier III	Y	\$200,000	Submitted to FDEM through HMGP DR4337 (Irma)	More than 12 months
24	<b>Bal Harbour Estates Sanitary Sewer Rehabilitation and Restoration:</b> Post disaster drainage project for neighborhood impacted by Tropical Storm Debby - Engineering Study (Phase 1)	City of Neptune Beach	City of Neptune Beach - Public Works	City of Neptune Beach	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP Tier I	Y	\$600,000	Existing - Ongoing	36 Months
25	<b>8-inch Sanitary Sewer Force Main:</b> Extension of the Northwest Regional Water Treatment Plant - Florida Blvd	City of Neptune Beach	City of Neptune Beach - Public Works	City of Neptune Beach	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP Tier III	Y	\$750,000	Existing - Previously advanced to FDEM; not selected for funding	More than 12 months
26	<b>Sewer Rehabilitation:</b> 400-500 Block	City of Neptune Beach	City of Neptune Beach - Public Works	City of Neptune Beach	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP Tier III	Y	\$2,000,000	Existing - Previously advanced to FDEM; not selected for funding	More than 12 months
27	<b>Treatment Plant:</b> Expansion of the Anoxic Tank - Wastewater treatment plant	City of Neptune Beach	City of Neptune Beach - Public Works	City of Neptune Beach	F/SS	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$125,000	Existing	More than 12 months
28	<b>Culvert Upgrade:</b> Upgrade of culvert located on Florida Blvd and 5th Street	City of Neptune Beach	City of Neptune Beach - Public Works	City of Neptune Beach	F/SS	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$750,000	Existing	More than 12 months
29	<b>City Hall and Police Headquarters Generator Install:</b> Install generator to support law enforcement, ocean rescue, crossing guard and other life-safety services.	City of Neptune Beach	City of Neptune Beach - Public Works	City of Neptune Beach	F/SS/CID	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$105,000	Existing	12 months
30	<b>Vulnerability Study</b> Comprehensive vulnerability study (THIRA) for Beaches Municipalities	City of Jacksonville Beaches Municipalities	Neptune/Atlantic/Jacksonville Beach Planning Depts.	City of Jacksonville Beaches Municipalities	All Hazards	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$50,000	Existing	More than 12 months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
31	<b>Underground Utility Placement:</b> Pre-disaster plan for post-disaster underground placement	City of Jacksonville	JEA	City of Jacksonville	F/SS/W/CID	<b>Goal 1:</b> Reduce Risk	Multiple: HMGP/CIP	Y	Planning: \$100,000 Project: \$10,000,000	Existing - Ongoing	Ongoing
32	<b>Drawbridge Program:</b> Replacement program for 35 drawbridges on designated evacuation routes (Hecksher Road bridges and Main Street Bridge maintenance in progress)	City of Jacksonville	F-DOT/Local Jurisdictions	City of Jacksonville	F/SS/W	<b>Goal 1:</b> Reduce Risk	Multiple: Local/State/Federal	Y	\$10,000,000	Existing - Ongoing	Ongoing
33	<b>ACPS Building (2020 Forest St.) Generator Project:</b> Install generator at critical facility.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS/W	<b>Goal 1:</b> Reduce Risk	HMGP	Y	\$892,410	<b>Revised due to BRIC cancellation (2025)</b>	12 Months
34	<b>Storm water/Drainage Infrastructure:</b> Implementation of Storm water Management Plans/maintenance of drainage infrastructure	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Multiple: Local/ State/ Federal (including post disaster funding)	Y	\$10M	Existing - Ongoing	More than 12 months
35	<b>Study of Storm water Retention and Basins:</b> Study of regional cumulative impacts of natural storm water retention systems and storm basins	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Multiple: City of Jacksonville CIP and storm water utility fee/State/Federal	Y	\$5,000,000	Existing	More than 12 months
36	<b>WF Mitigation Projects:</b> Fuel reduction around critical facilities and residential areas (last project implemented - Town of Baldwin Firewise Program)	City of Jacksonville	Florida Forestry Service/Jacksonville Fire and Rescue	City of Jacksonville	WF	<b>Goal 1:</b> Reduce Risk	State and Federal	Unknown	\$50,000 (Master planning)	Existing - Ongoing	More than 12 months
37	<b>Brooks Bartram Green Houses Emergency Power Project:</b> Installation of new 80KW diesel generator (1-phase 240 volt) to provide a 100-amp emergency circuit to each Green House. The emergency circuit in each Green House would allow emergency power connection to the access control system, kitchen, and one (1) heat pump.	City of Jacksonville	Brooks Skills Nursing Facility, Inc.	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$122,276	Submitted under DR-4283 - not awarded.	2 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
38	<b>Brooks Bartram Lakes Emergency Power Project:</b> Installation of a utility generator tap box for emergency power outlets at the Assisted Living Facility, which is also licensed as an Extended Congregate Care (ECC) facility. The existing emergency circuit would allow emergency power connection to the resident rooms. The new breakers will be interlocked with the existing utility main breakers, so there will be no way to back feed the normal utility power with the temporary generated power.	City of Jacksonville	Brooks Skills Nursing Facility, Inc.	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$85,697	Submitted under DR-4283 - not awarded.	2 Months
39	<b>Brooks Corporate Administrative Additional Emergency Power Project:</b> Installation of two (2) emergency duplex receptacles and convert all the existing light fixtures to emergency power in the Brooks Rehabilitation Hospital Corporate Administrative building, which will enable the building to shelter Hospital medical and support staff during an emergency or event. The Brooks Rehabilitation Hospital Corporate Administrative building also houses and is utilized as the Alternate Hospital Command Center. These emergency duplex receptacles and lighting will be connected to an existing emergency power generator.	City of Jacksonville	Brooks Skills Nursing Facility, Inc.	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$32,313	Submitted under DR-4283 - not awarded.	2 Months
40	<b>Brooks Housing Project Emergency Power Project:</b> Installation of a new 180KW diesel generator to provide a 600-amp emergency distribution to a housing project that will support the Brooks Rehabilitation Hospital. This size emergency distribution would allow emergency power connection to the access control system, special needs electric motorized wheelchairs, durable medical equipment, kitchen units on each floor, critical outlet and light fixture in each room, fire alarm panel, water heaters, all A/C climate control equipment and egress lighting.	City of Jacksonville	Genesis Rehabilitation Hospital, Inc. d/b/a Brooks Rehabilitation Hospital	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$616,723	Submitted under DR-4283 - not awarded.	2 Months
41	<b>Brooks Network Command Center &amp; Alternate Hospital Command Center Project</b>	City of Jacksonville	Genesis Rehabilitation Hospital, Inc. d/b/a Brooks Rehabilitation Hospital	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$90,000	Submitted under DR-4283 - not awarded.	2 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
42	<b>Brooks Rehabilitation Hospital Command Center Upgrade Project:</b> The upgrade of the existing Hospital Command Center for the purposes of continuity of service and support during an emergency, cyber-attack, or event impacting business operations. These funds will be used to expand existing space, provide additional emergency power, and communications infrastructure available to the Hospital Command Center.	City of Jacksonville	Genesis Rehabilitation Hospital, Inc. d/b/a Brooks Rehabilitation Hospital	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$15,000	Submitted under DR-4283 - not awarded.	2 Months
43	<b>Brooks Rehabilitation Hospital Emergency Power Upgrade:</b> Installation of a new 600-amp feeder routed through the connector bridge between Memorial Hospital and Brooks Rehabilitation Hospital to provide emergency power to the Hospital and air conditioning units.	City of Jacksonville	Genesis Rehabilitation Hospital, Inc. d/b/a Brooks Rehabilitation Hospital	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$495,836	Submitted under DR-4283 - not awarded.	2 Months
44	<b>Brooks Rehabilitation Hospital Well with Emergency Power:</b> Drill a new Florida Aquifer well, well pad, permits, pump, water testing, plumbing from Well to building, installation of new 30-amp emergency circuit, new 30-amp breaker to existing emergency power generator, and electrical connections to the new Well pump pressure switch.	City of Jacksonville	Genesis Rehabilitation Hospital, Inc. d/b/a Brooks Rehabilitation Hospital	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$32,621	Submitted under DR-4283 - not awarded.	2 Months
45	<b>Brooks University Crossing Emergency Power Project:</b> Installation of six (6) emergency duplex receptacles and convert all the existing light fixtures to emergency power in the University Crossing Command Center and maintenance office on the first floor. The University Crossing Conference Room located on the first floor, is also utilized as the University Crossing Command Center. These emergency duplex receptacles will be connected to an existing emergency power generator.	City of Jacksonville	Brooks Skills Nursing Facility, Inc.	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$89,332	Submitted under DR-4283 - not awarded.	2 Months
46	<b>Brooks University Crossing Well with Emergency Power:</b> Drill a new Florida Aquifer well, well pad, permits, pump, water testing, plumbing from Well to building, installation of new 30-amp emergency circuit, new 30-amp breaker to existing emergency power generator, and electrical connections to the new Well pump pressure switch.	City of Jacksonville	Brooks Skills Nursing Facility, Inc.	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$32,621	Submitted under DR-4283 - not awarded.	2 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
47	<b>Brooks Bartram Campus Well with Emergency Power:</b> Drill a new Florida Aquifer well, well pad, permits, pump, water testing, plumbing from Well to building, installation of new 30-amp emergency circuit, new 30-amp breaker to existing emergency power generator, and electrical connections to the new Well pump pressure switch.	City of Jacksonville	Brooks Skills Nursing Facility, Inc.	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$32,621	Submitted under DR-4283 - not awarded.	2 Months
48	<b>Brooks Bartram Crossing Emergency Power Project:</b> Install six (6) emergency duplex receptacles and convert all the existing light fixtures to emergency power in the Bartram Crossing Command Center and maintenance office on the first floor. The Bartram Crossing Command Center is also utilized as the Bartram Campus Command Center. These emergency duplex receptacles will be connected to an existing emergency power generator.	City of Jacksonville	Brooks Skills Nursing Facility, Inc.	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$12,303	Submitted under DR-4283 - not awarded.	2 Months
49	<b>Brooks Rehabilitation Hospital Central Energy Plant and Decontamination Area Project:</b> This project will also provide a secure and sheltered area, in order to decontaminate emergency, ambulance, public safety, and first responder vehicles and personnel, who have been exposed to hazardous materials. This project will also implement protective measures from Chemical, Biological, Nuclear, Radiological, and Explosive (CBNRE) attacks for two (2) hospitals and one (1) Provisional Level II Trauma Center that are collocated.	City of Jacksonville	Genesis Rehabilitation Hospital, Inc. d/b/a Brooks Rehabilitation Hospital	City of Jacksonville	CID, CBRNE	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$31,000,000	Submitted under DR-4283 - not awarded.	< 1 Year
50	<b>Coastal Hardening Project – Storm water Outfall Extensions:</b> Extension of the dune storm water outfalls to 10 feet seaward of the dune system to avoid breaks and breaches in the dunes that cause flooding to occur from hurricane storm surge or nor'easter events. The current outfall locations require low points/breaks in the dune system, making the dunes more vulnerable to breaches and overflows. Extending the outfalls to 10 feet seaward of the dune system will allow the dune system to be built on top of the storm water outfall infrastructure, providing a stronger protection system.	City of Jacksonville Beach	City of Jacksonville Beach - Public Works	City of Jacksonville Beach	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$254,610	Submitted under DR-4283 - not awarded.	14 Months



Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
51	<b>Coastal Hardening Project – Dune Walkovers:</b> Increase the height and length of the 49 dune walkovers along 4.1 miles of beaches, to accommodate a higher and continually growing dune system, and to provide for future dune growth. The walkovers sustained damage from Matthew.	City of Jacksonville Beach	City of Jacksonville Beach - Public Works	City of Jacksonville Beach	F/SS	<b>Goal 1:</b> Reduce Risk	HMGP	Y-25%	\$1,293,702	Existing	14 Months
52	<b>Drainage:</b> Improvements for the interior drainage system of the Jacksonville Zoo and Gardens	City of Jacksonville	Jacksonville Zoo and Gardens	City of Jacksonville	F/SS	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$50,000	Submitted under HMGP DR4337 HMGP	12 Months
53	<b>Nemours Children's Specialty Care Clinic Generator:</b> This project will provide back-up power generation for Nemours Children's Specialty Care, Jacksonville's 736,677 square foot Clinic.	City of Jacksonville	Nemours Children's Specialty Care Clinic Generator	City of Jacksonville	CID	<b>Goal 1:</b> Reduce Risk	Post Disaster Funding	Y	\$3,000,000	Submitted under PDMG 2018 - Not Found Cost Effective	24 Months
54	<b>City Hall and Fire Station 46:</b> Hardening of critical infrastructure	Town of Baldwin	Town of Baldwin - Public Works	Town of Baldwin	W	<b>Goal 2:</b> Decrease Vulnerability	Multiple: HMGP-4068 Tier I, Landfill tipping fees	Y	\$65,000	Existing	18 Months
55	<b>Critical Infrastructure Hardening:</b> Post Disaster Shelter	Town of Baldwin	Town of Baldwin - Public Works	Town of Baldwin	W	<b>Goal 2:</b> Decrease Vulnerability	Multiple: HMGP-1785 Tier I, Landfill tipping fees	Y	\$3,000,000	Existing	More than 12 months
56	<b>Water Plant Generator:</b> Osceola Ave. Water Plant emergency power generator	City of Jacksonville Beach	City of Jacksonville Beach - Beaches Energy Services	City of Jacksonville Beach	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$400,000	Existing	More than 12 months
57	<b>Power Line Burying:</b> Convert overhead power lines to underground including all associated retrofit work.	City of Jacksonville/ JEA	City of Jacksonville JEA	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	Pre- and Post-Disaster Funding, PA Program	Y	\$51,000,000	Existing	Up to 10 years
58A	<b>Power Line Burying:</b> Convert overhead power lines and street crossings in wooded/problem areas to underground.	Jacksonville Beach & Neptune Beach	City of Jacksonville Beach dba Beaches Energy Services	City of Jacksonville Beach & Neptune Beach	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Pre- and Post-Disaster Funding, PA Program	Y	\$10,000,000, \$1M per year in 10 year phased project	Submitted to HMGP DR-4399 Tier III (Michael)	Up to 10 years
58B	<b>University Boulevard Undergrounding Power Lines Project</b>	City of Jacksonville/ JEA	City of Jacksonville JEA	City of Jacksonville	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Pre- and Post-Disaster Funding, BRIC	Y	TBD	Existing	TBD
59	<b>Portable Pump Program:</b> Portable pumps for lift stations (JEA has FLA WARN system serving region)	City of Jacksonville Beach	JEA/City of Jacksonville - Public Works	City of Jacksonville Beach	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Multiple: State, Federal, Post Disaster Funding	Y	\$4,000,000	Existing	More than 12 months
60	<b>Wind Retrofit Program:</b> Groups of fire stations grouped into phases 1-6 for wind retrofit (Groups I-IV complete; Group V in progress. )	City of Jacksonville	Jacksonville Fire and Rescue Department	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	Multiple: State, Federal	Y	\$150,000	Group V Awarded under HMGP DR-4337 - In Progress.	More than 12 months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
61	<b>Emergency Generators for Fire Stations:</b> Emergency Generator funding for fire stations at risk to power disruption during severe weather	City of Jacksonville	Jacksonville Fire and Rescue Department	City of Jacksonville	CID	<b>Goal 2:</b> Decrease Vulnerability	HMGP	Y-25%	\$1,293,702	Awarded under HMGP DR-4337 - In Progress	12 Months
62	<b>Fire and Rescue Boat Dock Mitigation:</b> Install boat lifts to protect rescue vessels from wave action and storm surge, FS #38, #39, #40	City of Jacksonville	Jacksonville Fire and Rescue Department	City of Jacksonville	F/SS	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$330,000	Ineligible under HMGP DR4668, seeking other funding	12 Months
63	<b>Debris Management:</b> Debris management plan to restore county more quickly after emergency event in disposal of storm-generated debris	City of Jacksonville <b>(Beaches? - NR)</b>	Public Works of each jurisdiction (COJ, COJB, NB, AB)	City of Jacksonville	F/SS/W	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$13,000,000 to \$75,000,000	Existing - Ongoing	Annual updates with revisions after each disaster event
64	<b>Facilities for Shelter Retrofit:</b> Ongoing review of buildings capable to sustain retrofit	City of Jacksonville	City of Jacksonville - Parks and Recreation Department	City of Jacksonville	F/SS/W	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$2,000,000	Existing	More than 12 months
65	<b>Public Buildings Retrofit:</b> A. Fleet Management Central Garage Wind Retrofit	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$700,000	Existing	More than 12 months
66	<b>Data Center Hardening:</b> Data center at Ed Ball Bldg.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	W/CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$300,000	Existing	More than 12 months
67	<b>Home Retrofit Program:</b> Residential Housing Hardening for Low Income Residents	City of Jacksonville	City of Jacksonville - Housing Division	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	RCMP/ HLMP	Y	\$500,000	Ongoing - on funds available through State RCMP, CDBG, etc.	More than 12 months
68	<b>Facilities for Shelter Retrofit:</b> Ongoing review of buildings capable to sustain retrofit	City of Jacksonville	City of Jacksonville - Parks and Recreation Department	City of Jacksonville	F/SS/W	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$2,000,000	Existing	More than 12 months
69	<b>Flood Ditch System Capabilities:</b> Ditch maintenance and clean out projects	City of Jacksonville	FDOT/Local Governments/City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 2:</b> Decrease Vulnerability	Annual Budgets	N	Included in Operations Budget	Existing - Ongoing	Annual
70	<b>Jacksonville Alternate Disaster Warehouse:</b> Hardening of facility serving county EM	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD)	City of Jacksonville	W/SS/F	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$200,000	Submitted for funding under DR4399, under review	More than 12 months
71	<b>Community Safe Room:</b> Construct a community safe room and disaster recovery center in NW Jacksonville	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD)	City of Jacksonville	W/SS/F	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$6,500,000	Phase 1 awarded DR 4486	More than 12 months
72A	<b>Community Safe Room:</b> Design component (Phase1)	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD)	City of Jacksonville	W/SS/F	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y/10%	\$430,000	Awarded HMGP 4486	36 Months
72B	<b>Community Safe Room:</b> Construction (Phase 2)	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD)	City of Jacksonville	W/SS/F	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y/10%	\$6,100,000	Pending Phase 1	36 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
73	<b>Legends Center Generator -</b> Replacement of the existing aging generator at the Legends Center, a dual population county evacuation shelter.	City of Jacksonville	City of Jacksonville - Public Works	City of Jacksonville	W/CID	<b>Goal 2:</b> Decrease Vulnerability	HMGP	Y	\$1,340,000	New	12 Months
74	<b>Generator Project:</b> Generator for City Hall	City of Neptune Beach	City of Neptune Beach - Public Works	City of Neptune Beach	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$100,000	Existing	More than 12 months
75	<b>Hurricane Risk Sheltering Program:</b> Shelter assessment and retrofit program	City of Jacksonville	City of Jacksonville/Duval County Public Schools (DCPS)/Universities and State Colleges	City of Jacksonville	F/SS/W	<b>Goal 2:</b> Decrease Vulnerability	Multiple: Local, State, Federal (including Post Disaster Funding)	Y	\$3,500,000	Existing - Ongoing	More than 12 months
76	<b>Critical Infrastructure Hardening Retrofit:</b> Twin Lakes Middle School Shuttering Retrofit	City of Jacksonville	Duval County Public Schools (DCPS)	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	Multiple: Local, State, Federal (including Post Disaster Funding)	Y	\$350,000	Existing	More than 12 months
77	<b>School Infrastructure Improvement:</b> DCPS Wind Retrofit and Wall Support for West Riverside Elementary School #12	City of Jacksonville	Duval County Public Schools (DCPS)	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	Public Shelter Retrofit Funding	Y	\$200,000	Existing	More than 12 months
78	<b>School Infrastructure Improvement:</b> Replacement of electric panels (lightning protection) and light fixtures, relocation of water meter and water main at Frank Peterson High School	City of Jacksonville	Duval County Public Schools (DCPS)	City of Jacksonville	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$250,000	Existing	More than 12 months
79	<b>School Infrastructure Improvement:</b> Replacement of electrical and 1200 AMP distribution panel for lightning protection at Lee High School	City of Jacksonville	Duval County Public Schools (DCPS)	City of Jacksonville	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$250,000	Existing	More than 12 months
80	<b>Relocation and/or retrofit of vulnerable critical facilities:</b> Identification and creation of mitigation plan for specific vulnerable facilities	City of Jacksonville	COJ Emergency Preparedness Division	City of Jacksonville	F/SS/W/ACC	<b>Goal 2:</b> Decrease Vulnerability	Multiple: Local, State, Federal (including Post Disaster Funding)	Y	\$500,000	Existing	More than 12 months
81	<b>Critical Infrastructure Hardening:</b> Health College to be used as medical needs hurricane risk shelter; inclusive of generators for special needs	City of Jacksonville	Florida State College Jacksonville (FSCJ)	City of Jacksonville	W/SS/F	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$5,000,000	Existing	More than 12 months
82	<b>Wind Retrofit:</b> Buildings on Fairgrounds Retrofit for Emergency Response and Recovery	City of Jacksonville	Greater Jacksonville Agricultural Fair (GJAF)/ Department of Agriculture	City of Jacksonville	F/SS/W	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$300,000	Existing	More than 12 months
83	<b>Wind and Safe Room Construction:</b> Design and construct Code Plus facility to support emergency response, recovery and provide tornado shelter for Fair attendees	City of Jacksonville	Greater Jacksonville Agricultural Fair (GJAF)/ Department of Agriculture	City of Jacksonville	F/SS/W/T	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$1,000,000	Existing	More than 12 months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
84	<b>Hardening Project:</b> Critical Facilities Hardening, Port-Wide	City of Jacksonville	JAXPORT	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	Multiple: Local, State, Federal (including Post Disaster Funding)	Y	\$5,000,000	Existing	More than 12 months
85	<b>Generator Project:</b> Emergency Energy Source for Port Central Operations Building (PCOB)	City of Jacksonville	JAXPORT/City of Jacksonville Emergency Preparedness Division (EPD)	City of Jacksonville	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$200,000	Existing	More than 12 months
86	<b>Structural Enhancement Program for Public Safety/Health and Medical Critical Facilities:</b> Review public and private hospitals, public safety and health and medical facilities for retrofit opportunities to support life safety issues	City of Jacksonville	City of Jacksonville/ Department of Health-Duval/EPD/Public and Private Hospitals	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$5,000,000	Existing	More than 12 months
87	<b>Pump Station Electrical Reliability:</b> Retrofit and upgrade JEA sewage lift stations to provide an alternate source of electric power and improve ancillary equipment. Expand backup electrical support of lift stations to newly identified critical sites. Supplying generators and ancillary equipment will allow uninterrupted service in the event of primary power source failure.	City of Jacksonville	JEA/City of Jacksonville - Public Works	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Multiple: State/Federal/Post Disaster Funding/JEA Capital Budget	Y	\$20,000,000	Existing - Ongoing	Multiple Years - 50 generators per year
88	<b>Fixed Diesel-Powered Bypass Pumps for 5 Critical Lift Stations:</b> <ul style="list-style-type: none"><li>• LS-001459 (1030 Mill Creek Rd.)</li><li>• LS-000205 (9380 Atlantic Blvd.)</li><li>• LS-000486 (2518 Broward Rd.)</li><li>• LS-000368 (8622 E Beechfern Ln.)</li><li>• LS-000629 (8343 Coralberry Ln.)</li></ul>	City of Jacksonville	JEA/City of Jacksonville - Public Works	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	HMGP DR4673 Ian	Y	\$1,002,625	Existing	More than 12 months
89	COJ Shelters/Special Medical Needs Shelters Critical Facility Generators	City of Jacksonville	COJ / DCPS	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	HMGP DR4734 Idalia	Y	\$187,700	Existing	More than 12 months
90	<b>Electric Substations Floodproofing:</b> Retrofit vulnerable electric substations	City of Jacksonville	JEA	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Multiple: State/Federal/Post Disaster Funding	Y	\$15,000 per substation	Existing	More than 12 months
91	<b>JEA Resilience Projects:</b> Bradley Road Pump Station Electrical and Associated Improvements	City of Jacksonville	JEA	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$2,100,000	Existing	More than 12 months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
92	<b>230 Kv River Crossing Improvement (Alternative #1):</b> Retrofit towers into current NECS code and increase clearance over navigable waterway – 190FT. High-dollar project replacing 50-year old infrastructure	City of Jacksonville	JEA	City of Jacksonville	F/SS/W/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$25,000,000	Existing	More than 12 months
93	<b>230 Kv River Crossing Improvement (Alternative #2):</b> Retrofit towers for current NECS code and increase clearance over navigable waterway – 220FT. High-dollar project replacing 50-year old infrastructure	City of Jacksonville	JEA	City of Jacksonville	F/SS/W/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$55,000,000	Existing	More than 12 months
94	<b>230 Kv River Crossing Improvement (Alternative #3):</b> Replace 1960s era towers , construction of two termination stations and underground 6-transmission circuits over navigable waterway – 220FT. High-dollar project replacing 50-year old infrastructure	City of Jacksonville	JEA	City of Jacksonville	F/SS/W/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$75,000,000	Existing	More than 12 months
95	<b>Alachua Master Pump Station Improvements:</b> Wet well retrofit and relining to prevent sanitary sewer overflow	City of Jacksonville	JEA	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$2,453,000	Existing	More than 12 months
96	<b>Springfield District Energy Plant Backup Power Upgrade:</b> Upgrade of chilled water plant for backup power to chillers and cooling towers serving the regional Shands trauma center. Installation of backup generators.	City of Jacksonville	JEA	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$2,100,000	Existing	More than 12 months
97	<b>Northwest Regional Water Treatment Plant:</b> Replace existing water treatment plant which serves the Jacksonville International Airport. Development increasing in this area.	City of Jacksonville	JEA	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$9,250,000	Existing	More than 12 months
98	<b>Southeast Water Treatment Plant:</b> Incorporate high service pumps and Metal Bldg. Replacement - primary provider to Mayo Hospital	City of Jacksonville	JEA	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$1,250,000	Existing	More than 12 months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
99	<b>PSI – South Shores Second Sub-Aqueous FM Crossing:</b> Provide a 36” force main parallel to existing 42” force main crossing under St. Johns River . High-dollar project replacing 40-year old infrastructure	City of Jacksonville	JEA	City of Jacksonville	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$8,700,000	Existing	More than 12 months
100	<b>Downtown Pile Supported Infrastructure Protection:</b> Add pile jacketing to protect the existing structural support systems and repairing any spalling of concrete and covering any exposed rebar.	City of Jacksonville	City of Jacksonville	COJ DPW	F/SS/ACC	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$33,000,000.00.	Existing	More than 12 months
101	<b>Homeless Shelter and Disaster Food Warehouse Retrofit:</b> Hardening of primary homeless shelter /securing food services for bulk distribution	City of Jacksonville	The Salvation Army	City of Jacksonville	W	<b>Goal 2:</b> Decrease Vulnerability	HMGP Tier III	Y	\$223,000	Existing - Previously Submitted to FDEM - Not selected	More than 12 months
102	<b>WJCT-TV Emergency Broadcast Capability:</b> Relocation of Emergency Radio Operations	City of Jacksonville	WJCT-TV/City of Jacksonville - Emergency Preparedness Division (EPD)	City of Jacksonville	F/SS/CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$300,000	Existing	More than 12 months
103	<b>Generators and Automatic Relay Switches for Selected Facilities:</b> Manatee Life Support System, Emerald Forest Life Support System, Stingray Bay Life Support System, Temple Generator Auto Start, Hospital Auto Start	City of Jacksonville	Jacksonville Zoo and Gardens	City of Jacksonville	CID	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$90,000	Submitted under HMGP DR4337 - Under Review	12 Months
104	<b>Retrofit Project:</b> Reduce the medical facility's vulnerability to damage from wind and flood events. Mitigation activities will focus on the building's envelope, as well as harden the building's roof, while also making site and facility improvements to reduce flood risk	City of Jacksonville	St. Vincent's Medical Center - Riverside	City of Jacksonville	W/SS/F	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$10,000,000	Submitted under HMGP DR4337 - Under Review	24 Months
105	<b>Retrofit Project:</b> Reduce the medical facility's vulnerability to damage from wind and flood events. Mitigation activities will focus on the building's envelope, as well as harden the building's roof, while also making site and facility improvements to reduce flood risk	City of Jacksonville	St. Vincent's Medical Center - Southside	City of Jacksonville	W/SS/F	<b>Goal 2:</b> Decrease Vulnerability	Post Disaster Funding	Y	\$10,000,000	Submitted under HMGP DR4337 - Under Review	24 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
106	<b>Awareness of Flood Hazards:</b> A program to require notification to prospective home buyers of potential flood hazard property	City of Jacksonville	Northeast Florida Board of Realtors /Banking Industry /City of Jacksonville - Planning Department for CRS	City of Jacksonville	All Hazards	<b>Goal 3:</b> Education, Training, Communications Outreach	Multiple: Local, State, Federal (including Post Disaster Funding), Public and Private sources	Y	\$300,000	Existing	More than 12 months
107	<b>Flood Insurance Education Programs:</b> Flood insurance education for at-risk property owners	City of Jacksonville	Florida Dept. of Business and Insurance Regulation/NFIP/Municipal building officials, City of Jacksonville - Planning and Development Dept. for CRS/ Floodplain Manager for jurisdictions	City of Jacksonville	All Hazards	<b>Goal 3:</b> Education, Training, Communications Outreach	Multiple: Local, State, Federal (including Post Disaster Funding), Public and Private sources	Y	\$300,000	Existing - Ongoing	Annually
108	<b>Education/Incentive Programs for Builders:</b> Higher building standards/cost-effective retrofitting	City of Jacksonville	Northeast Florida Builders Association /Building Officials Organization/Florida Department of Business and Professional Reg./FLASH	City of Jacksonville	F/SS/W/ACC	<b>Goal 3:</b> Education, Training, Communications Outreach	Private Funding, Pre and Post-disaster funding.	Y if Pre/Post Disaster	\$500,000	Existing - Ongoing	
109	Fire Education and Risk Reduction Program: Firewise and Community WF Protection Planning	City of Jacksonville	Fire Departments from individual jurisdictions/Florida Forestry Service	City of Jacksonville		<b>Goal 3:</b> Education, Training, Communications Outreach	Multiple: Local, State, Federal (including Post Disaster Funding), Public and Private sources	Y if Post Disaster	\$25,000	Existing	More than 12 months
110	<b>Property Owner and Business Education – Impacts to Wetlands:</b> Program for property owners to educate on the impacts of filling wetlands that might affect homes/businesses	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD)/City of Jacksonville - Planning and Development Department/CRS Program	City of Jacksonville	F/SS/ACC	<b>Goal 3:</b> Education, Training, Communications Outreach	Multiple: Local, State, Federal (including Post Disaster Funding), Public and Private sources	Y	\$10,000	Existing - Ongoing	Annual
111	<b>Promotional Program –Floodway Maintenance:</b> Environmental benefits of floodway maintenance. Neighborhood information program for all hazards.	City of Jacksonville	City of Jacksonville - Planning and Development Department/CRS Credits/City of Jacksonville - Public Works	City of Jacksonville	F/SS	<b>Goal 3:</b> Education, Training, Communications Outreach	City Operational Budget	N/A	\$8,000 Annually	Existing - Ongoing	Annual
112	<b>All Hazards Education:</b> Neighborhood information program for all hazards; disaster preparedness plan for neighborhoods; family. (Annual Preparedness Guide)	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD);Fire Departments/Volunteer Services/ARC	City of Jacksonville	F/SS/W/WF/T/ACC	<b>Goal 3:</b> Education, Training, Communications Outreach	Operational budget and public/private financing	N/A	\$75,000 - \$150,000	Existing - Ongoing	Annually
113	<b>Evacuation Shelter Education:</b> Hurricane evacuation/shelter education program for homes and businesses – shelter managers training	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD)/LEPC/ARC	City of Jacksonville	F/SS/WF/T/ACC	<b>Goal 3:</b> Education, Training, Communications Outreach	City Operational Budget, Public/Private financing	N/A	\$8,000 Annually	Existing - Ongoing	Annually

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
114	<b>Speakers Bureau:</b> All hazard mitigation speaker's bureau	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD)/ARC/Media	City of Jacksonville	All Hazards	<b>Goal 3:</b> Education, Training, Communications Outreach	City Operational Budget, Public/Private financing	N/A	\$20,000 Annually	Existing - Ongoing	Annually
115	<b>Get JaxReady! Build a Kit with Cricket:</b> Public education campaign addressing socially marginalized, medically vulnerable, and historically disadvantaged populations in Duval County	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division, Public and Private Partners	City of Jacksonville	All Hazards	<b>Goal 3:</b> Education, Training, Communications Outreach	Grants, In-Kind contributions, Public/Private financing	N/A	\$75,000	Existing	Annually
116	<b>Training Program:</b> Disaster preparedness training program for small businesses (such as Hurricane Biz or Small Business Development Center [SBDC] annual workshop)	City of Jacksonville	Small Business Administration/UNF/ Duval Prepares Business Sustainability Committee/Association of Contingency Planners	City of Jacksonville	W/SS/WF/ACC	<b>Goal 5:</b> Protect Business and Industry	City Operational Budget, Public/Private financing	N/A	\$35,000	Existing - Ongoing	Annually
117	<b>Northeast Florida Resilience Collaborative:</b> Funding to support a collaborative initiative to convene stakeholders to develop a unified resilience strategy for the region. Once parameters are set, the collaborative will be formalized through a Memorandum of Understanding between local municipal and county governments.	City of Jacksonville / NE FL Region	Northeast Florida Regional Council (NEFRC)	Duval County / NE FL Region	All Hazards	<b>Supports all goals, 1-6.</b>	Pre or post disaster funding, public/private financing.	N	\$50,000	Existing	More than 12 months
118	<b>Establishment Business Emergency Operations Center (EOC):</b> Co-locate business oriented EOC within County EOC to provide business information for response / recovery in all hazards environment	City of Jacksonville	City of Jacksonville - Emergency Preparedness Division (EPD) /Jacksonville Fire and Rescue Department	City of Jacksonville	F/SS/W/WF/T/ACC	<b>Goal 5:</b> Protect Business and Industry	Operational budget and public/private financing	N	\$75,000	Existing	More than 12 months
119	Firewise or Community WF Protection plans: DOF Firewise Program to be adopted throughout Duval County	City of Jacksonville	Duval Prepares/SEPPC Ratification	City of Jacksonville	WF	<b>Goal 5:</b> Protect Business and Industry	City Operational Budget	N	\$100,000	Existing	12 Months
120	COJ Preserve Park WF Mitigation: Fuel Reduction in 4 Parks (20 additional parks TBD)	City of Jacksonville	COJ Parks / EPD	City of Jacksonville	WF	<b>Goal 2:</b> Decrease Vulnerability <b>Goal 5:</b> Protect Business and Industry	Post Disaster Funding	Y 25%	\$562,275	Existing - Ongoing	12 Months
121A	<b>Beach and Peach Urban Park</b> Fire Mitigation and Fuel Reduction	City of Jacksonville	COJ Parks / EPD	City of Jacksonville	WF	<b>Goal 2:</b> Decrease Vulnerability <b>Goal 5:</b> Protect Business and Industry	Post Disaster Funding	Y 25%	\$52,500	Submitted HMGP 4734	12 Months
121B	<b>Bulls Bay Preserve</b> Fire Mitigation and Fuel Reduction	City of Jacksonville	COJ Parks / EPD	City of Jacksonville	WF	<b>Goal 2:</b> Decrease Vulnerability <b>Goal 5:</b> Protect Business and Industry	Post Disaster Funding	Y 25%	\$210,000	Submitted HMGP 4734	12 Months



Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
121C	Monticello A Fire Mitigation and Fuel Reduction	City of Jacksonville	COJ Parks / EPD	City of Jacksonville	WF	Goal 2: Decrease Vulnerability Goal 5: Protect Business and Industry	Post Disaster Funding	Y 25%	\$147,000	Submitted HMGP 4734	12 Months
121D	Seaton Creek Fire Mitigation and Fuel Reduction	City of Jacksonville	COJ Parks / EPD	City of Jacksonville	WF	Goal 2: Decrease Vulnerability Goal 5: Protect Business and Industry	Post Disaster Funding	Y 25%	\$126,000	Submitted HMGP 4734	12 Months
122	Elevation, Relocation, Acquisition Program for Repetitive Loss Properties: Focus on properties meeting technical feasibility and cost effectiveness standards set by F-DEM and FEMA	All Jurisdictions	Local jurisdictions/City of Jacksonville - Emergency Preparedness Division (EPD)	All Jurisdictions	F/SS/W/ACC	Goal 6: Prevention of Repetitive Loss	FEMA pre and post disaster grant program	Y	\$5,000,000	Existing - Ongoing	More than 12 months
123	Acquisition: 6934 Bakersfield Drive, Wills Branch Creek acquisition/demolition	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owner	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	FEMA pre and post disaster grant program	N	\$197,000	Existing - property removed from previous grant - will maintain status on LMS	24 Months
124	Acquisition: 6944 Bakersfield Drive, Wills Branch Creek acquisition/demolition	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owner	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	FEMA pre and post disaster grant program	Y	\$222,000	Existing - property removed from previous grant - will maintain status on LMS	24 Months
125	Residential Acquisition and Demolition: Up to 73 Properties in the Reed Subdivision and South Shores Road Area (32207), St. Johns River	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owners	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Pre-Disaster Funding; Post Disaster Funding	Y	\$20,000,000	Existing - submitted under HMGP DR- 4337	More than 12 months
126	Residential Acquisition and Demolition: Up to 220 properties located in the SFHA near Ribault River, Northwest Jacksonville	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/COJ Neighborhoods/Property Owners	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Pre-Disaster Funding; Post Disaster Funding; CDBG-DR Funding	Y	\$15,000,000 - \$1850,0000	Partially submitted under CDBG-DR Irma Home Buyout Program	More than 12 months
126A	Residential Acquisition and Demolition: 4635 Wrico Drive	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owners	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Pre-Disaster Funding; Post Disaster Funding; CDBG-DR Funding	Y	\$145,000	Awarded HMGP DR4673	24-36 Months
126B	Residential Acquisition and Demolition: 4629 Wrico Drive	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owners	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Pre-Disaster Funding; Post Disaster Funding; CDBG-DR Funding	Y	\$139,000	Submitted HMGP DR4673	24-36 Months
126C	Residential Acquisition and Demolition: 4651 Ken Knight Drive N	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owners	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Pre-Disaster Funding; Post Disaster Funding; CDBG-DR Funding	Y	\$134,000	Awarded HMGP DR4673	24-36 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
127	Residential Acquisition and Demolition: 8369 Bascom Road, Pottsburg Creek	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owners	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Post Disaster Funding	Y	\$302,000	Existing - Resubmitted FY23 FMAP	24 Months
128	Residential Elevation 2215 River Blvd.	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owner	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Post Disaster Funding Elevate FL	Y	\$762,760	Existing. Pending Homeowner documents	36 Months
129	Residential Elevation 1981 Greenwood Avenue	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owner	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	Post Disaster Funding Elevate FL	Y	\$500,000	Existing. Pending Homeowner documents	36 Months
130	Residential Elevation 4377 Port Arthur Road	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owner	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	FMA	Y	\$465,000	Submitted FY23 FMAP	36 Months
131	Residential Elevation 4248 Pat Road	City of Jacksonville	COJ - Emergency Preparedness Division (EPD)/Property Owner	City of Jacksonville	F/SS	Goal 6: Prevention of Repetitive Loss	FEMA pre and post disaster grant program	Y	\$377,200	Sumbitted FY24 FMAP	24 Months

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
Resilient Jacksonville Projects [jacksonville.gov/resilience] Projects are cross referenced with the City of Jacksonville Resilience Strategy's Implementation Matrix . The Resilience Strategy identifiers for these approaches and actions are provided in the description field: (RJ #)											
132	Expand Jacksonville's Tree Canopy with an Urban Tree Forestry Management Plan. Develop and implement a city-wide Urban Forest Management Plan to protect and expand Jacksonville's tree canopy. The Urban Forest Management Plan will provide guidance on tree planting and maintenance to maximize the resilience of Jacksonville's urban forests. (RJ 10.2)	COJ	City of Jacksonville, Office of Resilience and Partners	Duval	EH, F	Goals 1 , 2, 3, 4, and 6	City Tree Mitigation Fund, US Forest Service Urban Community Forestry Program	N	\$500,000	Existing	Medium Term 10+ years
133	Use best available science and data to inform decisions. The City of Jacksonville's Office of Resilience will continue to develop and implement resilience strategies based on cutting-edge science and data. The Office of Resilience will maintain and distribute updated climate and vulnerability data sets and will develop a compound flood model for Jacksonville to identify the most flood-prone areas. (RJ 40.2)	COJ	City of Jacksonville - Resilience/Mayor/Emergency Preparedness	Duval	F, SS, SLR, SW	All Goals	The City of Jacksonville, The Water Institute, and Academic Partners	Y	\$3, 000,000	Existing	Short-term
134	Update the City's Land development regulations. Land development regulations will be updated to account for current flood risks and future flood risk projections. Updates to the LDR will encourage infill in low risk areas that are well connected to infrastructure. Updates to the LDR will also provide incentives for other resilient building practices, like the use of green infrastructure. (RJ 1.1)	COJ	City of Jacksonville - Planning & Development, JEA, JTA, North Florida TPO/ Development Community	Duval	CID, CE	Goals 4,5, and 6	The City of Jacksonville	N	\$300,000	Existing	Short-term
135	Update public works design standards for resilience. Public works design standards will be updated to account for climate change impacts and support resilient infrastructure development. This project will include updating the standard details and specifications for street designs, as well as incorporating green infrastructure features into drainage specifications. (RJ 5)	COJ	City of Jacksonville - Public works/JEA/Sbdivision Standards and Policy Advisory committee/Context Sensitive Streets Committee	Duval	F, SS, SLR, SW, CIDs	Goals 1, 2 ,3 and 4	The City of Jacksonville, Philanthropy	Y	Hundreds of thousands	Existing	Short-term

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
136	<b>Monitor and improve water quality.</b> Support the continued monitoring of water quality and indicators of water quality, including submerged aquatic vegetation. Support efforts to improve water quality and watershed health. <i>(RJ 15.1)</i>	COJ	Local - Neighborhoods; City of Jacksonville - Environmental Quality Division, JEA; State - SJWMD, FDEP	Duval	SWI, HM, TTV (Biological, Chemical )	<b>Goals</b> 1, 4 and 6	EPA Brownsfield, Federal Environmental Justice Grants	TBD	Hundreds of thousands	Existing	Long Term 15+ years
137	<b>Address saltwater intrusion and rising groundwater threats.</b> Monitor threats to groundwater. Identify risks to groundwater resources. Identify potential solutions to minimize and mitigate saltwater intrusion and other threats to groundwater resources. <i>(RJ 15)</i>	COJ	Local - Neighborhoods; City of Jacksonville - Environmental Quality Division, JEA; State - SJWMD, FDEP	Duval	SW, CE, SWI	<b>Goals</b> 1, 2 4 & 6.	EPA Brownsfield, Federal Environmental Justice Grants	TBD		Existing	Long Term 15+ years
138	<b>Align infrastructure investments with land use priorities.</b> Roadbuilding and other strategic infrastructure investments will be used to guide development in areas that are lower-risk and well connected to existing infrastructure. Resources will be committed to CIP projects that promote resilience. Water, sewer, and energy services will be expanded into lower-risk areas. <i>(RJ 2)</i>	COJ	City of Jacksonville - Public Works, Planning and Development, JEA	Duval	CID, HM, EH, WS, EC	<b>Goals</b> 1, 2,4,5 and 6.	CIP, Independent Authorities Capital Planning	TBD	Hundreds of thousands	Existing	Short Term 5 years
139	<b>Increase and safeguard affordable housing.</b> Support land acquisition and deploy other strategies to expand the availability of affordable housing. Ensure adequate supply of affordable housing in low-risk and well-connected neighborhoods. Safeguard affordable housing by securing heirs' property rights. <i>(RJ 4)</i>	COJ	City of Jacksonville - The Jacksonville Community Land Trust (JCLT); NonProfits - Community Development Corporations (CDCs)	Duval	CIDs, SS, EH, SLR, CE, WS, EC, F, WF	<b>All Goals</b>	HUD Grants, Florida State Housing Initiatives Partnership	TBD	Millions of dollars	Existing	Short Term 5 years
140	<b>Build ecological and recreational connections.</b> Support the creation and expansion of the City's trail systems and ecological connections between parks and other open spaces. Continue support for the Emerald Trail system, as well as support for expanding Jacksonville's regional trail system. Connect open spaces and ecosystems to establish habitat corridors and improve water management. <i>(RJ 7)</i>	COJ	City of Jacksonville - Office of Resilience, Parks Department, Planning and Development, Public Works, North Florida Transportation Planning Organization, JEA	Duval	EH, F, SS, SLR, SW, CE, SWI, CIDs	<b>Goal: 2</b>	CIP, SJRWMD Critical Wetlands Acquisition Program	Y	Millions of dollars	Existing	Medium Term 10+ years

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
141	<b>Make room for the river and tributaries.</b> Restoration of historic flood plains. Create room for flood water along the edges of the river and its tributaries. Limit public funding to water-dependent structures along the river. Encourage vegetated buffers along rivers and wetlands. Replace hardened shorelines with green infrastructure. Limit new bulkhead permits on private property. (RJ 8)	COJ	City of Jacksonville - Office of Resilience, Parks Department, Public Works; Non-Profits - Growndwork Jacksonville, St.Johns Riverkeeper	Duval	EH, F, SS, SLR, SW, CE, SWI	<b>Goals</b> 1, 2,4 and 6	Resilient Florida, National Fish and Wildlife Foundation	Y	Millions of dollars	Existing	Medium Term 10+ years
142	<b>Develop a green stormwater infrastructure program.</b> Develop a city-wide green stormwater infrastructure program using the best available science and data to mitigate flooding, protect water resources, and reduce the heat island effect. Invest in green stormwater infrastructure, where it will have the greatest benefits. Support projects like the McCoys Creek Restoration and Ribault River Corridor Project. (RJ 9)	COJ	City of Jacksonville - Office of Resilience, Parks Department, Public Works	Duval	EH, F, SS, SLR, SW, CE, SWI, CIDs	<b>All Goals</b>	Resilient Florida, USACE Silver Jackets	Y	Hundreds of thousands	Existing	Medium Term 10+ years
143	<b>Improve energy resilience in Jacksonville's neighborhoods.</b> Improve the resilience of the City's energy infrastructure, including but not limited to maintenance of power poles, replacing transformers, adding redundancies in transmission lines, and developing microgrids, where appropriate. (RJ 11.2)	COJ	City of Jacksonville - JEA	Duval	EH, WS, EC, CID	<b>Goals</b> 1,2,3,5 and 6	JEA Capital Planning	TBD	Hundreds of thousands	Existing	Immediate 2 years
144	<b>Preserve ecologically important areas.</b> Preserve ecologically important areas with the capacity to manage water and mitigate extreme heat. Protect existing parks and preservation lands in perpetuity. Support strategic acquisition of additional land for conservation. (RJ 12)	COJ	City of Jacksonville - Office of Resilience, Parks Department, Real Estate Division; Non Profit North Florida Land Trust, Florida Forever Program, Timucuan Parks Foundation; State - St. Johns River Water Management District Those sub actions are protecting existing park and preserve lands	Duval	F, SLR, SS, SW, CE, WF, EH, TSFW	<b>Goals</b> 1, 2, 4 and 6	St.Johns Water Management District	TBD	Hundreds of thousands	Existing	Short Term 5 years

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
145	<b>WF risk reduction.</b> Manage growth with prescribed burns or a planned fire under controlled conditions. The City will prioritize investments in proactive land management to reduce WF risk, including increased monitoring and other vegetation mangement activities, such as the mechanical treatement of overgrown understory vegetation where prescribed burns are not appropriate. (RJ 113.3)	COJ	City of Jacksonville - Parks Department, Jacksonville Fire and Rescue Department (JFRD)	Duval	WF, SLR, SWI, CE, D	<b>Goals</b> 1, 2, 4, and 6	Increased general funding for the parks department, HMGP.	TBD	Hundreds of thousands	Existing	Short Term 36 months
146	<b>Identify shorelines where natural and nature-based solutions.</b> Identify shorelines where natural and nature-based solutions can provide long-lasting ecosystem service benefits. Evaluate site conditions to identify shorelines that are suitable for green or green-gray infrastructure. Address coastal erosion in public parks. Identify sand and sediment resources for nature-based solutions. (RJ 17)	COJ	City of Jacksonville - Parks Departmtnet, Office of Resilience; Federal - US Army Corps of Engineers	Duval	F, SLR, SS, SW, CE, WFs, EH, TSFW, CID, SWI	<b>Goals</b> 1,2,4,5 and 6	Resilient Florida, NFWF Coastal Resilience Fund	TBD	Tens of millions	Existing	Long term 15 + years
147	<b>Strengthen emergency response and evacuation plans.</b> Strengthen emergency response and evacuation plans using the best available science and data. Identify traffic intersections that flood frequently and install automated flood alert signage to alert drivers. Create response plans for extreme heat and freeze events. (RJ 19)	COJ	COJ - Office of Resilience, JFRD - Emergency Preparedness, JEA, Northeast Florida Regional Council (NEFRC)	Duval	F, SLR, SS, SW, EH, WS, EC,	<b>All Goals</b>	HGMP, USDOT, NOAA	TBD	Tens of thousands	Existing	Immediate 2 years
148	<b>Retrofit buildings Downtown with green and cool roofs.</b> Retrofit buildings in and near Downtown to reduce the heat island effect. Retrofit options may include but are not limited to the installation of green roofs, white roofs, and / or shade sails. (RJ 21.3)	COJ	COJ - Downtown Investment Authority, JEA, Parks Department; State- St. Johns Water Management District; NonProfits- Local Initiatives Support Corporation, Home Owner Associations, Academia, Community Development Council;	Duval	EH, Extreme Cold, F, TSFW	<b>All Goals</b>	JEA, Department of Energy	TBD	Millions of dollars	Existing	Medium Term 10 years +
149	<b>Repurpose vacant land for resilience.</b> Consider location, community needs, hazard risk, infrastructure service, and other factors to determine best use for vacant lands. Develop planning and decision-making framework to guide the re-use and redevelopment of City-owned vacant land. Realign redevelopment priorities for private properties with resilience objectives. (RJ 25)	COJ	COJ - Resilience, Public Works, Downtown Development Review Board, Jacksonville Community Land Trust	Duval	SW, SS, EH, SLR, F, ID, WF, WS, EC, CID	<b>Goals</b> 1, 2 ,4 ,and 6	RJ = CIP, JCLT, HUD GRANTS, PHILANTHROPY	TBD	Millions of dollars	Existing	Long Term 15 years +

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
150	<b>Voluntary residential buyouts and relocation program for high-risk areas.</b> Research best practices in buyout program design to understand how to stand up a long-term streamlined, accessible, proactive and voluntary buyout program for homes that repeatedly flood. Carefully design and manage a buyout and relocation program. (RJ 29)	COJ	COJ- Jacksonville Fire Rescue Department - Emergency Preparedness, Neighborhoods Deparmtnet - Housing Division	Duval	F, SLR, SS, SW, CID	All Goals	FEMA HMGP, HUD CDBG	TBD	Millions of dollars	Existing	Long Term 15 years +
151	<b>Strategic shoreline hardening.</b> The City will set height standards for public and privately owned bulkheads, provide material resources for privately owned bulkheads in locations necessary for continous shoreline protection to benefit the city as a whole, and will use the best available data to make informed decisions about hardening along the St. Johns River and its tributaries. (RJ 16)	COJ	Office of Resilience / Department of Public Works / USACE	Duval	SS, F	Goals 1, 2, 3, 4, and 5	CIP / Resilient Florida	TBD	Tens of millions	Existing	Medium-term
152	<b>Strengthen Jacksonville's lifelines and supply chains to withstand extended disruptions to regular operations and commerce.</b> Strengthen lifelines and supply chains with robust contingency plans for maintaining operations through multiple emergency scenarios. This will include working with critical service providers to ensure adequate stockpiles of resources as well as maintaining commerce into and out of the city through partnerships with the Port and other agencies. (RJ 20)	COJ	JaxPort, CSX, JFRD - Emergency Preparedness, and Hospitals	Duval	SW, ID	Goals 1 and 5	FEMA Regional Catastrophic Preparedness Grant Program	TBD	Tens of thousands	Existing	Short-term
153	<b>Expand retrofit programs.</b> Expand retrofit program for residential and commercial buildings to improve building energy performance, storm fortification, cooling, and stormwater detention. Improve community awareness of lower-cost floodproofing, heat, and energy performance upgrades. Partner with downtown building owners to adopt larger-scale retrofits like green roofs and shading. Explore retrofits for stromwater ponds. (RJ 21)	COJ	JEA / CDCs / LISC / SJRWMD / Parks / DIA / HOAs / Academia	Duval	EH, SW, TSFW, F	All goals	JEA / DOE	TBD	Millions of dollars	Existing	Medium-term

Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
154	<b>Resilient standards and codes for existing and new construction.</b> Identify and promote standards that improve building and roof resilience to high winds. Increase compliance with Florida Building Code standards, particularly on retrofits. Develop design standards and guidelines for riverfront properties to accommodate flooding. <i>(RJ 22)</i>	COJ	Planning and Development / Neighborhoods / DIA	Duval	TSFW, SW, F	<b>All goals</b>	FEMA Building Resilient Infrastructure and Communities	TBD	Hundreds of thousands	Existing	Short-term
155	<b>Critical Asset Hardening.</b> Harden vulnerable critical assets to mitigate damage from hazards and ensure continuity of operations. Fortify City-owned assets, such as evacuation roads and bridges. Work with utilities and independent agencies to identify and fortify their vulnerable critical assets. <i>(RJ 27)</i>	COJ	Public Works / JEA	Duval	TSFW, SW, F	<b>All goals</b>	CIP / FEMA / FHWA / HUD CDBG	TBD	Tens of millions	Existing	Medium-term
156	<b>Relocation plans for critical assets.</b> Develop relocation plans for vulnerable critical assets that can be moved outside the floodplain. Develop plans for moving City-owned critical assets where alternative adaptation options are infeasible, and work with utilities and independent agencies to develop and implement relocation plans for their critical assets. <i>(RJ 28)</i>	COJ	Office of Resilience / Department of Public Works	Duval	SS, F	<b>All goals</b>	FEMA HMGP	TBD	Tens of millions	Existing	Long-term
157	<b>Strengthen the citywide response to extreme heat and other public health emergencies.</b> Strengthen the citywide response to extreme heat and other public health emergencies by expanding the JaxReady alert system, extending open hours and access to cooling infrastructure and air-conditioned public facilities, providing heat training for schools and youth sports organizations, providing guidance on outdoor work standards for employers, and ensuring robust and dynamic public health planning for vector-borne diseases and pandemics. <i>(RJ 30)</i>	COJ	Jax Ready / Mayor's Office / Health Department / DCSP / JEA	Duval	EH, ID	<b>All goals</b>	Increased staff capacity and operations funding	TBD	Hundreds of thousands	Existing	Short-term



Duval County Local Mitigation Strategy Project List											
Project Number	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation.	Jurisdictions Directly Benefitting from the Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)*	Match (if applicable)	Estimated Costs	Status: New, Existing or Deferred	Timeframe for Completion
158	Jacksonville CRS Credits. Address rising flooding and homeowner's insurance costs by investing in risk reduction, including continued participation in FEMA's CRS program. (RJ 39.1)	COJ	FEMA	Duval	F	Goals 1, 2, 3, 4, and 5	Private sector funding / CRS Flood Insurance Premium Discounts	TBD	Millions of dollars	Existing	Medium-term

\* **Pre and Post Disaster Funding:** FEMA distinguishes between post-disaster mitigation funding, which is awarded after a specific incident, and pre-disaster mitigation funding, which is awarded in order to reduce future damage from an anticipated event. Mitigation measures can be funded by several FEMA programs: (1) any of the FEMA Hazard Mitigation Assistance (HMA) grant programs: the Hazard Mitigation Grant Program (HMGP), the Flood Mitigation Assistance Grant Program (FMA), and the Safeguarding Tomorrow Revolving Loan Fund Program (STRLF); and in limited circumstances, (2) FEMA Public Assistance (PA) funding under Stafford Act Section 406; and (3) FEMA Individual Assistance (IA) funding under Stafford Act Section 408. Three of these programs are available after a disaster (HMGP, IA, and PA), while the other two (FMA, STRLF) provide mitigation funding for use before an event occurs or in anticipation of an incident. FMA funding is awarded competitively on an annual basis. Two of the HMA programs (HMGP and STRLF) can provide funding to mitigate against all types of natural hazards. FMA grants are only available for flood mitigation measures in communities that participate in the National Flood Insurance Program (NFIP). [Congressional Research Service, Library of Congress: <https://www.congress.gov/crs-product/IF12833>]