
Sustainability Report

July 2022

Higgins
Strategic Plan

PRIORITY 2: ADAPTATION/SEA LEVEL RISE

GOAL 1: Build Municipal Capacity and Establish Long-Range Plans

1. Build an Adaptation Team:

- a. **FY22:** A&E Hired.
- b. FY23; In order of importance:
 - i. HARC Building Inspector moved back to Planning to help with LDR compliance.
 - ii. Hiring experienced Floodplain Manager in Building
 - iii. City Engineer & Engineering Director with Adaptation Experience in Engineering.
 - iv. Grant reporting/tracking help for all departments

~~**2. Adaptation Fund and SLR Funding Consultant:**~~ (June 22)— Never was funded.

3. Increase Communication/Transparency:

- Websites this year: Energy and Adaptation
- Interviewed by NPR Marketplace on 5/25 for Adaptation
- Featured as NOAA Case Study = [Home Elevation Program Helps Demystify The Process](#)

GOAL 2: Short-Term Critical Projects and Plans

1. Short Term List of Critical Infrastructure Projects:

- New List: Done! = [Proposed 22-23 Adaptation Projects](#)
 - i. New Asset Mgmt Software identified to track upkeep and upgrades to all City Bldgs. Thumbs up from Mike Henriquez, Mike Turner, Jason Overstreet from Ports and Joelle Deese at 6/6 meeting. Will incorporate Bldg Master Plan spreadsheet.
 - ii. Some stormwater projects postponed til FY24 due to capacity: Stormwater Master Plan Phase 3 Green Infrastructure; & Glass Reuse; Unsure about status Water Reuse Feasibility;
- Current Projects: See Grants List.

2. Protect Water Supply:

- Water Supply Plan/Timeline: Reviewed final comments with CM/ACM, legal, Bldg, Utilities, Planning and CBO. On agenda for Planning Board 8/18, pending meeting with CM on 7/12. Completed [Technical Memo](#). Key elements include:
 - i. 2 Day a Week Irrigation Schedules
 - ii. Mandatory Efficiency Fixtures for all construction (showerheads, faucets, dishwashers, washers, etc).
- Turkey Point Updates:
 - i. FKAA lost their challenge to the Turkey Point expansion permit.
 - ii. FPL had their permit to expand the life of 2 reactors withdrawn while they update their Environmental Study.
- Increase Cisterns
- Water ReUse Plan
 - i. Creating Potable Water from Wastewater is now considered fundable as an Alternative Water Supply Project, per State Bill: [FL Senate Bill 64](#)
 - ii. Succeeded in getting Water Reuse as priority project under EPA regional grant via WQPP team. Application expected to be released soon.

iii. Next Steps Feasibility will be in FY23 Utilities budget.???

3. Non-Infrastructure Measures: Still in Information Gathering Phase. Begin Fall 2023.

4. ~~Grade elevation~~ / Home Elevation Project: (Also serves Aff. Housing Goal 3: Preserve Existing)

- FMA Grant Project: Monroe County led effort to help local homeowners apply for FMA elevation funding. 5 applications were for rebuild and 12 were for elevation. Of the elevations, 4 are from Key West and 3 of those work for the City. Monroe's applications are 1/3 of entire state submittals. FDEM Quarterly meeting said we wouldn't hear more until October.
- Met with Elevation Contractor 1/13 to brainstorm potential collaborations
- City Staff met w County 1/18 to plan for next FMA Cycle.
- County hosted keyswide Planners mtg 2/24 for Model Elevation Language and just released compiled language (3/15).
- Met with City of Miami Beach, 2/16: they are creating a grant fund for up to \$20K per home.
- Had abstract selected for National Adaptation Forum.
- Had abstract accepted for Growing Sustainable Communities conference in October.
- Working on Outreach Plan with Monroe for next cycle, due early November.
- Related: [Florida Sales Tax Exemption for home impact windows and doors](#) in effect now through June 30, 2024.

GOAL 3: Long Term Adaptation Plan

1. Vulnerability Assessment &

2. Long Term Adaptation Strategy and Implementation Plan:

- Steps Needed to Begin:
 - i. LiDAR Clarification: We can have General Agreement signed before Monroe starts! ILA is on City Commission consent agenda for 7/6.
 - ii. FDEP General Agreement: Legal reviewed generic copy. Have questions on scope in to FDEP liaison. Plan to go forward to City Commission 8/16.
 - iii. RFQ: has been approved by legal and is waiting for 1) FDEP General Agreement, to ensure cohesiveness, and 2) Signing of FDEO General Agreement because they have to review RFQ after signing and before it goes out.
 - iv. FDEO General Agreement: Reviewed by Legal, plan to go to City Commission 8/16.
 - v. FDEO RFQ Review: Happens after FDEO General Agreement is signed.
- LiDAR Company Chosen (Wood). City staff met with Wood Feb 8. Woods Contract was signed with Monroe in June. They will sign our ILA in July. Islamorada will still go first.
- For additional detail, see *Active Grants*

GOAL 4: Partnerships and Linkages to Other Plans

1. Implementation Plan for Post Disaster Recovery and Reconstruction (PDRRP):

- Completed = [PDRRP Annual Plan FY22](#), Second reading passed Commission 5/3.

2. Integrate SLR into long range plans:

- Each Chapter of Adaptation Plan will integrate its recommendations into any necessary Plans.

3. Monroe County ACOE Coastal Storm Mitigation Project: [Summary Document Link Here.](#) Study Signed and Recommended for Funding to Congress 9/25. Non Federal Share is 35%, which can be state, local govt, County, grants, individuals. First \$ needed: FY23 for Design for Critical Infrastructure Floodproofing, then Construction Funds and everything else FY24 forward. List of all residences and commercial buildings identified by report will be published as Appendix F: Real Estate on [ACOE Report website](#). Update to BOCC 11/17. The funding bill is moving through Congress.

4. Monroe County GreenKeys!

- Roads Vulnerability Updates happened 2/17 & [2/23](#) and recently on 6/15. [New map website](#) shows three Key West projects with Conceptual Plans: #59-A: [Eaton & Palm](#) and #59-B: [Flagler](#), both of which are in the County's 2025 plan. And #60 [Atlantic Blvd](#) which ranked lower and will be considered after the 2025 plan.

5. Key West Representation on Local and Regional Boards:

- Local Mitigation Strategy Team: Met June 30: Are formally asking FDEM as group to ask FEMA for extension for HMGP projects.
- SE FL Regional Climate Compact:
 - i. The Compact was awarded \$225K for "Aiding Local Governments with Regionally Relevant Flood Thresholds and Predictions for Vulnerability Assessments"
- Regional Adaptation Coordination Team: County applied for FDEP Resilience Planning monies for Roads Vulnerability for region.
- ICLEI: Monthly Cohort Meetings: Will help us with Energy Plan and Green Infrastructure
- Sustainability Directors Network: Bi-Monthly Statewide Call.
- South FL Regional Planning Council:
 - i. See 6. Military Plans.
- FKAA: Board turned down funding of FKAA Vulnerability Assessment on 5/24.
- Private Sector: See PPP Grants.
- University Cooperation/UF FIBER Partnership: No Updates.

6. Military Plans (Navy, Coast Guard and JIATF):

- Met with NASKW Liaison at Adapt Mtg 2/9 – Talked of Military Grant opportunities and types of grants they prefer: Infrastructure, Redundancy, Community, Environment.
- Looking at DCIP funding: 2 Plans NAS-KW had liked were the BV Resilience Hub and Palm Ave Stormwater Upgrades. Follow up with new Community Liaison 5/19 preferred Palm Avenue for FY23.
- **Military Installation Resilience Readiness (MIRR)**: Includes NAS-KW & 3 others in partnership with South Florida Regional Planning Council & Jacobs. Kicked off 5/24. Site visits TBA. Recommendations will occur 14 months from now: Aug 2023.
- Plan to convene KWF collaboration workshop once we both have VA's:
- See *Upcoming Grants*

7. Explore Best Practices and International Policy and Academic Forums:

- Attended: FL Resilience Conf Sept, FL Energy and Climate Summit, Living Shorelines Oct, Southeast and [Caribbean Disaster Resilience Partnership](#), Floodplain Higher Standards Course. Gulf of Mexico Conf April, Aspen Ideas Festival May, National Planning Association May
- Attending:, National Adaptation Forum Oct, Growing Sustainable Communities Oct, Energy Manager Training TBA.

8. State (and Federal) Plans:

- FDEP Quarterly Mtg: May
- FDEP Annual Coastal: May
- FDEM Quarterly Meeting: June: New Grant program for [My Florida Safe Home](#). Homeowners will get free mitigation inspections and may apply for grants to perform work. Final details still forthcoming.
- FDOT received Monroe County Transportation Master Plan
- FDEO:
- FEMA Flood Maps: No updates.

- Biden Infrastructure Package
 - i. [Biden EV Plan](#)

GOAL 5: Regulatory Measures – Land Use, Planning and Zoning.

- 1. Comprehensive Plan Updates:** Part of Adaptation Chapters.
- 2. Regulatory Plans for Adaptation:** Part of Adaptation Chapters. See Home Elevations (P2.G2.4)

Related SAB Goals

- 3) Adapt and Mitigate for Climate Change
 - a) Begin Adaptation Master Plan: Fall.

Adaptation Planning Team:

- 1) Next meeting: TBD
- 2) Last Meeting Recap:
 - 6/10: Pre Disaster Contracts. FY23 Budgets. 2022 SLR Tech Update. CRS Class 4 efforts.
 - 2/9 CIP Projects, PDRRP Workplan, Floodplain
 - Dec: Everything. Training, Loss of Floodplain Manager. BCEGS Recertification meeting.

PRIORITY 4: ENVIRONMENTAL PROTECTION

GOAL 1: Energy Efficiency and Resilience

1/31: Keys Energy updated as to progress on all goals.

- 1. Energy Plan:** All Chapters Drafted. Marked up, needs EV and alt power blended in. Started finalizing Goals 6/1. Presents to Commission in ____.
- 2. Energy Use Map:** Planned for Fall 22.
- 4. Energy Efficiency in City Buildings:**
 - Police Building lights have arrived. Full \$25K approved to complete project this FY.
 - 2023 Plan and Budget completed.
- 5. LED Streetlights:**
 - List and Pricing done. Received 2nd revision from KES 3/21. Met with Legal 3/29. Executive Summary drafted. Meeting with KES on Cost of Services spreadsheet 5/24, which informs the current Tariffs. Decided to only spend \$80K in FY23 for lights which will save us \$. Expected to go in front of Commission in August.
- 6. Adhere to Resolution 19-328 on Solar Energy:** Solar Evaluation Form, V1 is complete and in use.
- 6. Waste To Energy:** Kelly Crowe. Feasibility Study pulled from 5/24 CC mtg. Needs to include gasification research.
- 7. Vehicle Electrification Readiness:** See below:
- 8. Electric Charging Stations:** Duke Masters Student officially hired as free intern to create EV Plan.
 - Attended 3 Keys Energy Board Workshops 2/9. Not promising.
 - Draft completed, Final report expected in late July.
 - See CUTR Partnerships.

GOAL 2: Recycling and Composting

Solid Waste Coordinator hired 3/22

- 1. Wastewater Sludge Composting:**
- 2. Mandatory and Incentivized Recycling for Businesses:**
- 3. Enforce Ban on Single Use Plastics: ~~Convene Leadership Meeting~~**
- 4. Multi-Family Housing:**

5. Requirement of Plans for Recycling in all Development and Redevelopment Initiatives:

6. “Love Your Island” Targeted PR Campaign for Schools/Youth:

7. Recycling Materials in City Infrastructure:

- Glassphalt and Glasscrete Workshop as LEED Forum?

8. LEED Certification: Will come as part of 10 Year Energy Plan goals. Spring 22.

- Working with USGBC to set date for the LEED certification course.

9. Green Procurement: Winter 2023

Related SAB Priorities:

2) Reduce Waste Stream:

- a) Renegotiate/Bid New Solid Waste Management Contract
 - Contract approved at City Commission 11/16.
 - Mandatory Commercial Recycling of 2 items.
 - Pilot Pay as You Throw Program
 - Seek New Uses for Glass = FY23???
 - Did Not Get: ~~Glass Crusher to Appropriations Committee~~
- b) Continue to Evaluate Mt. Trashmore
 - Utilities Consultant presented WQ sampling findings at SAB 8/12.
 - FDEP to presented favorable WQ findings at SAB Jan.
 - SAB considering recommending sending to planning professionals for public opinion on ultimate use. Gasification proposal given to SAB, seeking to incorporate with WTE study.
- c) Other
 - Extension Service Sargassum compost project is complete, waiting for final composition data.

GOAL 3: Near Shore Waters

- 1. Sediment Separators on Outfalls:** See Upcoming Grants.
- 2. Education for City Tenants and Liveaboard Owners:** Solid Waste Coordinator
- 3. Water Quality Posting at City-Owned Beaches and on the City’s Website:** Solid Waste Coordinator
- 4. Neighborhood Watch/Key West Connect:** Solid Waste Coordinator
- 5. Bags and Trash Pick Up for Liveaboards:** Solid Waste Coordinator
- 6. Evaluate Wastewater and Sewer Systems for Repair:** JP Castro
- 7. Dive for Debris:** Solid Waste Coordinator

GOAL 4: Water Efficiency and Resilience

- 1. Support Water Supply Plan:** See P2.G2.2
- 2. Update City Buildings:** Budgeted for FY23.
- 3. Water Reuse Plan:** See P2.G2.2
- 4. Protect Water Supply:** See P2.G2.2

GOAL 5: Build Municipal Capacity, Accountability and Partnerships

- 1. Increase Street Cleaning Capacity:** Solid Waste Coordinator
- 2. Keep Key West Beautiful/Adopt a Spot:** Solid Waste Coordinator
- 3. Increase Littering Fines:** Solid Waste Coordinator
- 4. Department Checklists:** Solid Waste Coordinator
- 5. Training and Resources for Landscapers, Electricians, Contractors and Plumbers:** Solid Waste Coordinator
- 6. Lease Agreements:**
- 7. Clean Marinas:** Establish Plan w McAlearney. Look for Funding.
- 8. Enforcement and Accountability Partnerships:**
- 9. Workshop on Green Businesses:** Late Summer? Private sector reusable bag idea: Will host mtg with TDC and other partners to see about Green Business Mapping project.

10. Water Quality Protection Program: Consult with experts to create Water Quality Plan for Key West

- Joined Sanctuary's WQPP Steering Committee 12/15
- Formed Ad Hoc Key West Water Quality Recommendations Team.
 - i. Met 2/11: Reviewed Goals, Opportunities and FDEP Sampling Report.
 - ii. Met 3/22: Reviewed Mt Trashmore and discussed sampling ideas/resources.
 - iii. Met 5/17: Reviewed College of the Florida Keys WQ Partnering Proposal.
 - 1. Recommending \$180K for help with EPA grant.
 - iv. Next Meeting: June
- Monroe updated WQPP on Canal Work and Resiliency Initiatives. 3/7
- Teamed with FDEP to load decade of back data to state database from marinas and outfalls.
- \$180K added to Adaptation budget for Water Quality to assist CoFK project.
- See Upcoming Grants

Non-Strategic Plan, Water Quality:

- Pursuing Fertilizer ordinance: Sponsors Johnston and Weekley. SAB 1/13. Tree Commission TBA. Planning Board TBA. City Commission TBA.
- Research FDEP Brownfields opportunities. Meeting 7/13.
- College of the Florida Keys was awarded a grant to study the conditions of the cruise ship harbor. Dr. Rice is presented to CC, was asked to collaborate on potential City budget for FY23. See budget above.
- **Florida Keys National Marine Sanctuary:** Many funding opportunities in the Environmental Protection Realm. Revised Blueprint being presented to SAC 7/12.
- **Sunscreen:** Samples were taken over the summer of 2021 in local waters.

Related SAB Goals

3) Adapt and Mitigate for Climate Change

b) Address Stormwater

- Increase Cistern Use: City Hall Cistern upgrade complete – Toilets running off cistern water! Police Station workplan and BV Resilience Hub included cisterns.
- Increase Pervious Areas: Recent uproar over # of impermeability/footprint variances sought. Mayor asked if we could put a moratorium until we found answer. Planning reviewed tracking system on 9/16. Answer was SWMP, Phase 3, but that might get bumped to FY24.
 - Discovered local lead on pervious concrete. Will arrange meet up with PE.
- Revise Stormwater Ordinances: Stormwater Master Plan, Phase 3, FY23.

c) Increase Environmental Protection

- 10 Year Energy Plan (A&E completed draft)
- Inventory Fossil Fuel Use (Annual report, due Oct)
- Increase Tree Plantings (In Transportation Goals, grant in Fall)
 - Convened multi city private property tree planting cohort 2/22
 - Coordinating partnership with Extension Service to encourage/track street tree planting.
 - Partnered with KES and Extension on Lunch and Learn (4/22) supporting Native Tree Giveaway (4/23) – alerted key sections of Crosstown Greenway
 - Seeking FY23 budget for FDOF Urban Forestry Match money.
- Reduce/Eliminate 2 stroke engine use
- Outreach program on sustainable yard maintenance (Workshop held Aug)
- Remove iguanas by all means possible

Non-Strategic, Environmental

- **Florida Keys Green Business Certification:** Somewhat included in Strategic Plan. Working into Energy Plan.

- **GM Mosquitos:** Passed. Phase one project over. Data being evaluated.
- **Green Building:** BPAS: Planning Department recently discovered that no one was checking on the BPAS deliverables before handing out Certificates of Occupancy. Daniel has assessed that only one project got certified. He is working on a notification to come into compliance for currently occupied residences and inserting Planning into the C/O process for all new residences.

PRIORITY 5: CLEANLINESS

GOAL 4: Improve Streetscapes

3. **Streetlights:** See G4.G1.4 and Safety Enhancement Plan
5. **Bike Racks:** See Multimodal Report
6. **Signage:** Commercial Core Signage overhaul (Wilkins/TAF)

PRIORITY 6: TRAFFIC & PEDESTRIAN FRIENDLINESS

GOAL 1: Complete Streets: Ensure Safer and More Accessible Bike and Pedestrian Routes in accordance with Bike/Ped Master Plan.

See Multimodal Report

1. **Wicker Bike Trail:** See Awarded Grants.
2. **Crosstown Greenway Phase II:** Budgeted 2023.
3. **Gap Closures on Trails: 2023.**
4. **E-bikes, Scooters and Other Micro-Mobility Devices:** Readvertising RFQ
5. **Additional Bike Racks:** FY23 Ask
6. **Investigate Alternative Parking Layouts:** Fort and Thomas
7. **Sidewalk Repair:** Annual
8. **Sidewalk Circulation Plans:** 2024 Grant Cycle
9. **Pedestrian Crossing and Intersection Enhancements:** Annual
10. **Wayfinding:** FY23 Ask
11. **Street Canopy:**
 - Implementation & Funding Plan Created. FDACS Grant due Fall.
12. **“Share Street” Pilot in Old Town:** Lazy Way.

GOAL 2: Improve Public Transit

1. **On Demand Transit Pilot:** On Hold. Applied for Innovation Grant.
2. **Maps at Bus Stops:** Most included in Final Mile FDOT Grant. Remaining budgeted for FY23.
3. **Lower Keys Shuttle:** Need more drivers before hourly can occur.
New Freebie partnership with County should help LKS go faster. Grant applied for early May. Would start in July 2023.
4. **WiFi:** Ready to turn on in LKS.
5. **Gain & Retain Bus Drivers (CDLS and Cutaway Drivers):**
 - Draft of campaign created and given to Elisa for comment.
 - Campaign sent to CUTR and meeting about scope 7/6.
6. **Increase Park N Ride Mobility Hubs and EV Infrastructure for Electric Buses.**
 - In discussions with County on grant opportunities.

GOAL 3: Parking Improvements

1. **Explore Additional Options:**
 - KWIC is undergoing feasibility study, due in August.
 - Rooftops design will be able to do all sites in FY23 for less!
2. **Parking Garage App for Availability:** Received first quote.
3. **Pay By Phone:** Done

GOAL 4: Reduce the Islands Carbon Footprint

1. Mobility Study: See Multimodal

2. Explore additional E-vehicles for City Transportation: See P4.G1.8

3. Electric Buses: See P4.G1.8 See RAISE Grant below.

4. Electric Charging Stations: See P4.G1.8

5. Public Information Efforts to Encourage Green Methods of Transportation: PIO,

Ryan to put fuel calculator on website to incentivize transit ridership for Dump the Pump Day 6/17.

Need to advertise more!

6. Policy and Code Changes: Fall 2023

7. Raise Parking Rates: Complete.

Related SAB Goals:

1. Less Cars on the Road (Also See Multimodal Report)

a) Free & Frequent Buses: See *Strategic Plan P6.G2.1*

b) Create Revenue Source for Transit FY23

- Infotainment passed on CC agenda 8/3. WiFi is next.

c) Continue to Implement Bike Ped Master Plan.

TCT/TAF: Next mtg: June 12

- Last Meeting: 5/20: Approved FY23 Budget; Brainstormed for Federal Transportation Grant.

- **Florida Keys Transportation Coordination Committee:** Special Meeting 1/24 finalized Master Transportation Priority Recommendations.

- **FDOT TAP Grant:**

- Final Mile: All paperwork complete. Going for bid in June.

- Wickers: Scheduled for FY25 unfortunately.

- **Transportation Intern:** "Transportation Research Assistant" is back to drawing board. SF Commuter Services confirmed that \$ is still usable in new FY. Either tie in with Transit on Demand or COAST.

- **Special Events Application:** Some parts missing from Transportation Recommendations.

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Grants:

Upcoming:

- **FDEM Watershed Master Plan:** Due June 3. Grant approval 5/26. Will achieve 120 points towards CRS Class 4. Applied for 6/3.
- **FDEP Coastal Resilience Implementation Grants:** Due Sept 1. Not available until Vulnerability Assessment has been conducted.
- **FHA Safe Streets and Roads for All:** Due Sept 15. Have to do "Safety Plan" with first round of funding. Then looking at North Roosevelt and a broader Safe Routes to School package.
- **RAISE Grant.** Did not apply, but created partnership with CUTR, Monroe, MiamiDade Transit & FDOT to create infrastructure plan that would create 3-4 Mobility Hubs along US1 that would include EV charging for public and Transit and act as evacuation points for those without cars. Group is working together for future grant availability.
- **ARRPA Covid Funds:** Need to determine how to spend remaining Covid funds (if any remains) Last estimated at ~\$12M. Recommended Fire Station 3 and BV Resilience Hub.
- **FDEP 319(h) Grant.** Due Fall. Green Stormwater Infrastructure (GSI) construction, monitoring and education to reduce nonpoint source pollution from land use activities.
- **FDEP Water Quality Assistance Grant.** Due ??. Fund GSI construction with the goal to reduce nonpoint source pollution from land use activities.
- **DOD Defense Community Infrastructure Program (DCIP):** Not applying this year in favor of completing design for Palm Corridor with County. Proposals due each July.

Applied For:

- **Covid HMGP:** White Street & Petronia Street Gravity Injection Well (~\$771K). Applied 12/21 Monroe County LMS only allocated \$601K.
- **FDEO BRIC, Round 2:** Fire Station #3 Resilience Hub. Applied 11/2.
 - \$16,500,000 (City Share: 37% match, ~\$6M). Advanced to RFI round. Not picked.
- **FDEO MIT General Infrastructure, Round 2:** Applied 9/17:
 - Bahama Village Community Center Resilience Hub: \$2,046,500/\$4,995,500 (58%)
 - Had 2nd Round Site Visit 11/29. Not Picked.
 - ~~6th Street and Patterson Pump Station: \$5,918,206/\$7,491,400 (21%)~~

Active Grants:

- **FDOT Transportation Alternative Program:** WON! Applied 2/18. Scheduled for FY25. Chose: Wickers & North Roosevelt Safety Enhancement Plan. Saltponds Design, Wayfinding Plan, Mobility Plan all on hold for new funding opportunities. Re-evaluating Wickers Cost 7/7 – may be able to do faster and cheaper.
- **FDEO Small Cities CV: KOTS:** Applied 11/1. Received!!
- **FDEP Florida Resilient Coastlines Grant (\$905K)**
Vulnerability Assessment, Roads & Infrastructure Chapter (including LiDAR) with Comp Plan and LDR Amendments. Must be complete in 3 years after contract signing. Working on agreement language and a singular RFP to cover work done under both this FDEP and FDEO grant below. Monroe County took lead to organize mobile LiDAR for incorporated areas: Wood was chosen. ILAs are drafted.
- **FDEO General Planning.**
 - Working to complete all pre-requirements as possible for both grants so we can hit the ground running post contract signatures. Regional meeting 9/2 & 11/3 shows that no govt has gotten through the process yet, mostly due to procurement policy issues. FDEO has sent both scopes up the chain to become agreements. Researching resolutions to ease procurement issues.
 - **Key West Comprehensive Adaptation and Resiliency Implementation Plan (CARIP):** \$500k for 6 Chapters of the ten-year implementation plan. Draft RFQ and General Agreement currently at legal - meeting 5/13.
 - **Duval Street Economic Corridor Resiliency Plan:** \$500k. Katie/Planning is lead. RFQ is released. General Agreement received and under review.
- **FDEO CPTA:** \$44k for Post Disaster Recovery and Reconstruction Plan w Comp Plan amendments. Project grant complete 6/24. 2nd reading passed Commission 5/3.
- **FDEO MIT General Infrastructure:** (\$150M/year for 3 years) 8 projects worth \$40,186,681

Fun d	Scor e	Ran k	Project Name (Lead)	Project Ask	Matc h%	Cash Match	In Kind
402	38.0	4	RFI - Harris & 10th Streets: Stormwater Improvements (Elizabeth)	\$ 2,703,996	58%	\$ 3,716,288	\$ 0
402	30.4	10	WON: Tide Valves and Outfall Improvements (Elizabeth)	\$ 3,099,159		\$ 2,989,189	\$ 0
402	22.8	35	WON: Fogarty & 3rd Streets: Pump Assist Well and Drainage	\$ 6,336,165	16%	\$1,206,900	\$ 650,936

			Collection System and Outfall (Elizabeth)				
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- **Irma CDBG-DR Grant – Round 1:** (\$1.78M) Force Main (Match for Irma HMGP)
- **Irma CDBG-DR Grant – Round 2 (\$34M/\$100M):** Submitted 8 applications 6/30: FDEO awarded Harris/10th and the Force Main 1/22. Grant awards now closed.

LMS	Original HMGP Grant	Project Title	Fed Ask
8	Irma	Force Main Relocation Project (Infrastructure Hardening)	\$ 3,563,054
30	Irma	Harris Ave / 10th Expanded Neighborhood (Drainage)	\$ 1,376,269

- **IRMA HMGP:** 10 projects: \$13.5M. Applied Aug 2018.
 - Utilities will pay match for 2 of 3 bldgs in Wind Retrofits of Public Service.
 - The Tide Valves project is dead as an HMGP project. Total Currently Available is \$3,493,562, but could potentially become \$4,428,807..
 - LMS Group met to discuss 2024 FEMA deadlines for HMGP Projects. Each entity will send list of projects that need extension to County by 7/14.

LM S	FL #	FEM A#	Status	Title	Project Ask	Tide Valve Funds Needed
8	223	501-R	Needs Extension	Force Main Relocation Project (Elizabeth)	\$ 2,330,000 + 2,219,991	
9	220	231-R	Cut by FDEM, Reallocating	Tide Valves and Outfall Improvements (Elizabeth)	\$3,493,562 Ph1 Design: \$504,372	N/A
20	218	396-R	Underway	Dennis Street and Venetia Street Outfall (Elizabeth)	\$ 1,309,459 +107,316	N/A
30	298	386-R	Expanding Scope; Needs Ext.	Harris Ave / 10th Expanded Neighborhood (Elizabeth)	\$ 5,625,000	
15	221	492-R	Cancelled, Reallocated	Generators for Critical Facilities Withdrawal request sent to FEMA.	\$ 107,316	N/A
16	297	441-R	Expanding Scope	Wind-Retrofit(s) of First Responder Facilities (Karen)	Expanding Scope	
13	219	451-R	Expanding Scope	Wind-Retrofit(s) of Public Service Facilities (Karen)	Expanding Scope	
25	222	493-R	Accepted	Patricia Ashby Pump Station Well (Elizabeth)	\$ 150,000	
14	296	415-R	Withdrawn	Fire Station 3 – FEMA 361 Upgrades	\$ 2,219,991	

- **Michael HMGP Tier 3:** \$17M across 4 applications turned in 5/1.

Michael HMGP	Cost	Lead
Fire Station 3 - FEMA 361 Upgrades	\$ 9,907,473	Karen W.
Fleming / Grinnell Gravity Injection Well (Drainage)	\$ 630,015	Elizabeth Ignaffo
Fogarty Avenue and 3rd St Pump Assist (Drainage)	\$ 6,740,054	Elizabeth Ignaffo
White Street & Petronia Street Gravity Injection Well	\$ 630,015	Elizabeth Ignaffo

Grants Planning

- **FDEO Small Cities CDBG.** Due 7/21. Project areas include Neighborhood Revitalization, Housing Rehabilitation and Commercial Revitalization. Separate, later funding for Economic Development.
- **PPP Grants:** Requested short list of funding opportunities for Private Public Partnership grants to prepare to proactively engage landlords and prospective new tenants of major shopping centers who have lost or are losing their anchor stores.
- **DOD Readiness and Environmental Protection Integration (REPI):** Preproposals due late Nov. Full proposals due in March.
- **Urban Forestry Grant:** Fall 2022.
- **Safe Routes to School.** Postponed to next cycle.
- **FDEO Defense Infrastructure Grant ad Defense Reinvestment Grant Programs.** (Early April)

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Sustainability Board

- **Next meeting:** June 9: Presentations. Guidance on Waste to Energy Study.
 - May 12: Presentations by EPA grantees
 - April: Cancelled, no staff liaison.
 - March 10: New Students Ambassadors. Hawk missile updates.
 - Feb 10: Reviewing WQPP Priorities. Hawk Missile updates.
- **Mt Trashmore –Revising sampling based on** Utilities report on water quality testing has led to discussions of expanded sampling effort. Also helping to post all current WQ sampling at beaches and ports to it's usable by researchers. Slowly working towards next Mt Trashmore report: passive uses and methane recapture. FDEP has 2019 data to share showing that the entire area is healthy. Still needs heavy metal sampling.