

Sustainability Report

November 2022

Strategic Plan

PRIORITY 2: ADAPTATION/SEA LEVEL RISE

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

1. Build an Adaptation Team:

- ✓ **FY22:** A&E position created. Job Description Posted and Advertised.
- a. FY23; In order of importance:
 - i. HARC Building Inspector moved back to Planning to help with LDR compliance.
 - 1. Started list of LDRs for oversight
 - ✓ Hired experienced Floodplain Manager in Building
 - ii. City Engineer & Engineering Director with Adaptation Experience in Engineering.
 - iii. Grant reporting/tracking help for all departments
 - iv. Oversight of Energy & Adaptation Coordinator
 - v. Job Description of Sustainability Coordinator

~~2. Adaptation Fund and SLR Funding Consultant: (June 22)~~— Decided unnecessary

3. Increase Communication/Transparency:

- Websites this year: Adaptation (Oct) and Energy (once ready for Commission)
- Presentations this Quarter: CC 10/6 (Residential Adaptation Resources) & 11/7 (Water Supply Plan)
- Publications this Quarter: **NPR Marketplace due out soon.**

GOAL 2: Short-Term Critical Projects and Plans

1. Short Term List of Critical Infrastructure Projects:

- New List: Updated 10/3! = **Top FY23 Adaptation Projects**
 - i. New Asset Mgmt Software Chosen. Gary M will arrange training.
 - ii. Projects postponed til FY24 due to capacity: Stormwater Master Plan Phase 3 - Green Infrastructure; Glass Reuse; and Water Reuse Feasibility;
- Current Projects: See Grants List.

2. Protect Water Supply:

- Water Supply Plan/Timeline: **Passed first reading on 10/6.** Waiting to schedule 2nd reading.
- Technical Memo. Key elements include:
 - i. 2 Day a Week Irrigation Schedules
 - ii. Mandatory Efficiency Fixtures (showerheads, faucets, dishwashers, washers, etc).
- Turkey Point Updates:
 - i. FCAA 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 FPL had their permit to expand the life of 2 reactors withdrawn while they update their Environmental Study.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: Got stormwater solutions on Strategic Plan!
- Water ReUse Plan: FY24
 - 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.
 - iii. David Hackworth, FCAA Director of Capital Projects is interested in this project.

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

4. Grade elevation / Home Elevation Project / Residential Adaptation:

(Also serves Aff. Housing Goal 3: Preserve Existing)

- [Residential Adaptation Resources](#) list added to City Adaptation Page.
- [FMA Grants](#): Closed til next Nov. 2-3x more applications than last year. (30 elev/10 reconst)
- Planning working on Model Elevation Language
- Miami Beach's [Private Property Adaptation Program](#) funds up to \$20K per home.

GOAL 3: Long Term Adaptation Plan

1. Vulnerability Assessment &

2. Long Term Adaptation Strategy and Implementation Plan:

- Steps Needed to Begin:
 - ✓ LiDAR Clarification: We can have General Agreement signed after Monroe starts! ILA passed City Commission 7/6.
 - ✓ FDEO General Agreement: Signed at City Commission 8/16.
 - ✓ RFQ: Final legal review 10/12, then Review by FDEO
 - FDEP General Agreement: Received package 10/4. Mtg legal on 10/12. CC on 11/15
- LiDAR: Pilot in ISL complete. Updates on Thursdays. Expected in KW in May.
- RFQ released and published 11/11

GOAL 4: Partnerships and Linkages to Other Plans

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

- Completed [PDRRP FY23 Annual Plan](#) and drafted [FY24 Annual Plan](#) (for budget planning)

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, [WRDA 2022](#), is moving through Congress and allocates \$1.5B to the Florida Keys. It was passed by the Senate on July 28 and is still going through committees in the House. The current allocation is the full federal share that should complete all Keys projects. Expected to pass before end of 2022.

- Need to acquire Critical Facilities list – requested from County
- Need to acquire Non-Structural list – [downloaded map](#) and [implementation schedule](#).

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. Monroe County applied for grant funding for Flagler under FL Coastal Resiliency (July) and BRIC (Nov).
- Harry Harris Park will get a resiliency redesign.

5. Key West Representation on Local and Regional Boards:

- Local Mitigation Strategy (LMS) Team: Met June 30: Are formally asking FDEM as group to ask FEMA for extension for HMGP projects. Key West sent in two projects: Force Main and Harris/10th with extension ask of 6/2025.
 - i. FEMA released an updated [Local Mitigation Planning Policy Guide, trainings are upcoming.](#)
- 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”
 - ii. Compact Summit in Ft Lauderdale, Dec 8-9
- 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. Creating a grant table.
- 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.
- 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 in Aug. Recommendation in will occur ~Aug 2023.
 - i. Kimberley and Karen W attended Site Visits and Stakeholder meetings. They plan to take lead on discussions between key partners to advance planning on WTE and potable water options.
 - ii. Alison/grantwriters will construct table to help all understand the 4 sources of military funding in order to align as many projects as able.
- See *Upcoming Grants*

7. Explore Best Practices and International Policy and Academic Forums: FY23

- Attended:
- Attending: Floodplain Manager Certification Dec (Alison, Zoe, Kim), Climate Summit Dec (Karen)

8. State (and Federal) Plans:

- FDEP Quarterly Mtg: [Nov 2](#)
- FDEP Annual Coastal: May
- FDEM Quarterly Meeting: Dec 13
- FDOT received Monroe County Transportation Master Plan
- FDEO:
- FEMA Flood Maps: No updates.
- Biden Infrastructure Package
 - i. [Biden EV Plan](#)
- [IRA \(Inflation Reduction Act\)](#)

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: Spring.

Adaptation Planning Team:

- 1) Next meeting: TBD
- 2) Last Meeting Recap:
 - 11/3: PDRRP Plan, Asset Mgmt, FY23 Adaptation Projects list
 - 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 TBD
- 2. Energy Use Map:** TBD
- 4. Energy Efficiency in City Buildings:**
 - Police Building lights have arrived, still no progress on installation.
 - 2023 Budget approved for 4 buildings: WWTP, Fire Station #3, Transit & _____.
- 5. LED Streetlights:**
 - Spending \$80K in FY23 for lights which will save us \$. Passed Commission 9/7. Has not begun.
- 6. Adhere to Resolution 19-328 on Solar Energy:** Solar Evaluation Form, V1 is complete and in use.
 - Looking at Purchase with KES for Solar investment on mainland.
- 7. Waste To Energy:** Kelly Crowe.
- 8. Vehicle Electrification Readiness:** See below:
- 9. 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.
 - Final report completed in late July.
 - EV Plan ready by April 23 budgeting.
 - See CUTR Partnerships.

GOAL 2: Recycling and Composting

Solid Waste Coordinator hired 3/22

- 1. Wastewater Sludge Composting:** Workshop on 8/11
- 2. Mandatory and Incentivized Recycling for Businesses:**
- 3. Enforce Ban on Single Use Plastics:**
- 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.
- LEED Green Associates Training and tests for 5 staff. Class Aug 12 in Chambers.
Need to follow up with test dates.
- 9. Green Procurement:** Winter 2023

Related SAB Priorities:

2) Reduce Waste Stream:

- 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??? KF?
 - Did Not Get: ~~Glass Crusher to Appropriations Committee~~
- 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.
 - Wrapping sampling into new EPA grant application with College of Florida Keys.
- Other
 - Extension Service Sargassum compost project is complete, waiting for final composition data.
 - Extension Service to present on Marine Debris program at SAB 9/8.

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:** Kelly Crowe
- 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:** TBD. 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. Met 7/21: Reviewed new CFK EPA proposal for 8/29, Narrated WQPP Priorities 1-3
 - v. Next meeting: TBD
- 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.
- College of the Florida Keys Partnership
 - i. \$180K added to Adaptation budget for Water Quality to assist CoFK project. ILA begun.
 - ii. Submitted FY23 Grant application:
 - 1. Continue monitoring of KW Harbor and shipping channel
 - 2. Add hydrogen sulfide monitoring equipment
 - 3. Focus on chemicals of emerging concern
 - 4. Develop a WQ monitoring certificate for BSc degree
 - 5. Complete WQ Monitoring and Improvement Plan
 - 6. Expand monitoring to high priority areas
- Next WQPP Meeting:
- 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. Met 7/13. Dropped for now.
- **Florida Keys National Marine Sanctuary:** Many funding opportunities in the Environmental Protection Realm. Revised Blueprint presented to SAC 7/12. SAB submitted recommendations.
- **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.
 - Could happen under Watershed Master Plan
- Revise Stormwater Ordinances: Stormwater Master Plan, Phase 3, TBD

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)
 - Dropped for FY23
- 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:** [Pilot D](#) started beginning of July, examining single-point releases of Oxitec male mosquitos in the middle keys. Pilot B was in May in same area. keysmosquitoproject.com/resources.
- **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
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 Fall 2024
 - TNC Treesilience Project? Equity trimming?
12. **“Share Street” Pilot in Old Town:** Lazy Way.
13. **Added Create a Plan for Vision Zero (FY23)**

GOAL 2: Improve Public Transit

1. **On Demand Transit Pilot:** Soft launch 11/28
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.
County did not get Freebie grant.
4. **WiFi:** Ready to turn on in LKS.
5. **Gain & Retain Bus Drivers (CDLS and Cutaway Drivers):**
 - Missed FY budget cycle. Will have to begin next season.
6. **Increase Park N Ride Mobility Hubs and EV Infrastructure for Electric Buses.**
 - In discussions with County on grant opportunities.
7. **Pilot EcoPass at Gardenvue.**

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!
- New ranking for rooftops is occurring.

2. Parking Garage App for Availability: PO Request is making the rounds.

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:

- 10/26: New Residential Plans, Roofdeck parking ranking
- 8/24: Postponed to Oct 6: New Residential Plans,
- 7/12: SEI Ask, Mobility discussion, Lighted stop sign placement,
- 6/13: Rooftop Designs, Commute Calculator, Wayfinding Designs, PAAT Update
- 5/20: Approved FY23 Budget; Brainstormed for Federal Transportation Grant.
- **Florida Keys Transportation Coordination Committee:**
 - Next Meeting: TBA
 - Special Meeting 1/24 finalized Master Transportation Priority Recommendations.
- **FDOT TAP Grant:**
 - Final Mile: Approved at higher cost.
 - Wickers: Grant will be dropped and project completed in FY23 for reduced cost.
- **Transportation Intern:** “Transportation Research Assistant” to work on Transit on Demand.
- **Special Events Application:** Some parts missing from Transportation Recommendations.
 - Recent issues (HTA Kids Day) with single serve plastics/styro at city Parks.

Grants:

Upcoming:

- BRIC Due 1/27
- **Land and Water Conservation Fund**
- **Save America’s Treasures.**
- **DOD Defense Community Infrastructure Program (DCIP):** Not applying this year in favor of completing design for Palm Corridor with County. Proposals due each July.
- **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.
- **EPA [Source Reduction Assistance Grant 7/22/22](#)**
- **LLMR?**
- **FDEP Coastal Resilience Implementation Grants:** Due Sept 1. Not available until VA done.

Applied For:

- **FHA Safe Streets and Roads for All:** Applied 9/15.
- **EPA South Florida:** Due 8/29. Partnered with CFK on Water Quality Monitoring
- **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:

- **FDEM Watershed Master Plan:** Won! Applied 6/3/22. Will achieve 120 points towards CRS Class 4. Received grant agreement on 10/6. Planning on January City Commission – waiting on extension approval from FEMA.
- **FDOT Transportation Alternative Program:** Planning for next round.
- **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. Singular RFP will 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 signed. Still working on scope w FDEP liaison.
- **FDEO General Planning.**
 - **Key West Comprehensive Adaptation and Resiliency Implementation Plan (CARIP):** \$500k for 6 Chapters of the ten-year implementation plan. RFQ posts 11/11.
 - **Duval Street Economic Corridor Resiliency Plan:** \$500k. Katie/Planning is lead. Consultant Chosen.
- **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	\$ 2,703,996	58%	\$ 3,716,288	\$ 0

402	30.4	10	Tide Valves and Outfall Improvements	\$ 3,099,159		\$ 2,989,189	\$ 0
402	22.8	35	Fogarty & 3rd Streets: Pump Assist Well and Drainage Collection System and Outfall	\$ 6,336,165	16%	\$1,206,900	\$ 650,936

- **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	\$ 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	Complete	Dennis Street and Venetia Street Outfall	\$ 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): WWTP, Xfer Station, Palm Ave Public Works	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
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Grants Planning

- **FDEO Defense Infrastructure Grant and Defense Reinvestment Grant Programs.** (Early April)
- **DOD Readiness and Environmental Protection Integration (REPI):** Preproposals due late Nov. Full proposals due in March.
- **FDEO Small Cities CDBG. July.** 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.
- **Urban Forestry Grant:** Fall 2022.
- **Safe Routes to School.** Postponed to next cycle. When?

Sustainability Board

- **Next meeting:** Oct: Restoration Blueprint, etc.
 - Nov:
 - Oct: Energy Plan,
 - Sept: Marine Debris, Community Solar, Restoration Blueprint, Airport Expansion.
 - Aug 11: Special Workshop re Wastewater Compost project
 - 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 and H2S sampling. Applied for EPA grant, partnering with CoFK for monitoring.