

Higgins  
**Adaptation  
Grants**

Upcoming:

- **Covid HMGP:** Monroe County LMS was allocated \$601K. Due Dec 21. The City will be applying for the White Street & Petronia Street Gravity Injection Well for ~\$450K
- **ARRPA Covid Funds:** Need to determine how to spend remaining Covid funds (if any remains) Last estimated at ~\$12M.

Applied For:

- **FDEO BRIC, Round 2:** Fire Station #3 Resilience Hub. Applied 11/2.
  - \$16,500,000 (City Share: 37% match, ~\$6M). Advanced to RFI round.
- **FDEO Small Cities CV:** KOTS: Applied 11/1. Still waiting word.
- **FDEO MIT General Infrastructure, Round 2:** Applied 9/17:
  - Bahama Village Community Center Resilience Hub: \$2,046,500/\$4,995,500 (58%)
    - Had 2<sup>nd</sup> Round Site Visit 11/29.
  - ~~6<sup>th</sup> Street and Patterson Pump Station: \$5,918,206/\$7,491,400 (21%)~~
- **US Economic Development Administration - American Rescue Plan Act (ARPA):** Partner to South Florida Regional Planning Council Regional application for the Build Back Better Challenge Grant. Mayor wrote support letter. Applied 11/12.

Active

- **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. Draft RFQ to FDEO 9/14, Final sign offs started rounds 10/5. Monroe County is taking the lead to organize mobile LiDAR for incorporated areas: Bids have been opened, Review Committee to meet in Dec.
- **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.
  - **Key West Comprehensive Adaptation and Resiliency Implementation Plan (CARIP):** \$500k for 6 Chapters of the ten-year implementation plan. Updated scope sent 11/2 to FDEO. RFQ received FDEO comments, and department comments, updated version due week of Nov 29.
  - **Duval Street Economic Corridor Resiliency Plan:** \$500k. Katie/Planning is lead. We are learning from the Duval process. 2<sup>nd</sup> draft RFP comments received from FDEO. Agreement received and under review.
- **FDEO CPTA:** \$44k for Post Disaster Recovery and Reconstruction Plan w Comp Plan amendments. Project grant complete 6/24. Comp Plan amendments passed Planning Board Sept 16. Presentation and Plan passed City Commission 10/5 and Comp Plan Reading #1 on Oct 19. 2<sup>nd</sup> reading still to occur. Final invoice from Jacobs paid. Reimbursement received.

**FDEO MIT General Infrastructure:** (\$150M/year for 3 years) 8 projects worth \$40,186,681

Fund	Score	Rank	Project Name (Lead)	Project Ask	Match %	Cash Match	In Kind
401	46.4	1	Kets (Albi)	-\$ 2,751,157	16%	-\$ 524,029	-\$ 0
402	38.0	4	RFI - Harris & 10th Streets: Stormwater Improvements (Elizabeth)	\$ 2,703,996	58%	\$ 3,716,288	\$ 0
401	36.4	8	Force Main Relocation Project (Elizabeth)	-\$ 2,876,152	71%	-\$ 0	-\$ 0
601	35.4	3	Bahama Village Douglass Gym (Karen)	-\$ 5,958,948	18%	-\$ 1,319,200	-\$ 0
401	33.8	9	Fire Station 3: Rebuild (Karen)	-\$13,484,543	16%	-\$2,568,485	-\$0
402	30.4	10	WON: Tide Valves and Outfall Improvements (Elizabeth)	\$ 3,099,159		\$ 2,989,189	\$ 0
401	31.2	13	Emergency Management Resilience and Readiness (Karen)	\$ 2,530,064	16%	-\$ 481,916	-\$ 0
402	22.8	35	WON: Fogarty & 3rd Streets: Pump Assist Well and Drainage Collection System and Outfall (Elizabeth)	\$ 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/10<sup>th</sup> 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
9	Irma	Tide Valves and Outfall Improvements (Drainage)	\$ 3,703,832
20	Irma	Dennis Street and Venetia Street Outfall (Drainage)	\$ 2,291,353
14	None 100%	Fire Station 3	\$ 15,368,902
36	Michael	Fogarty Avenue and 3rd St Pump Assist (Drainage)	\$ 6,834,830
31	None 100%	Fleming & Grinnell Gravity Injection Well	\$ 639,429
42	None 100%	White & Petronia Gravity Injection Well	\$ 639,429

- **IRMA HMGP:** 10 projects: \$13.5M. Applied Aug 2018.
  - Sent letter requesting reallocation of Generators (\$107K) to Dennis/Venetia.
  - Utilities will pay match for 2 of 3 bldgs in Wind Retrofits of Public Service.
  - LMS was alerted to a surplus in the DEM account. Group voted to assign to current project overages.
  - Tide Valves project was recently deemed noncompliant because it doesn't meet specific storm design criteria. Are employing Tidal Basin to rebut. If project drops, need to figure out what to spend the Key West free'd money on, AND if other grants will also deem noncompliance, AND find new money for Tidal Valves. To reallocate HMGP, would have to increase scope of an existing Key West project (roof for wind hardening projects) or specify which partner project we'd like the money to go towards (Monroe Home Elevation project?)

LMS	FL#	FEMA #	Status	Title	Project Ask	City Share
8	223	501-R	Underway	Force Main Relocation Project (Elizabeth)	\$ 2,330,000 + 2,219,991	
9	220	231-R	In Dispute	Tide Valves and Outfall Improvements (Elizabeth)	\$3,493,562	3,052,020

				Currently deemed noncompliant. \$\$ may be freed up?	Ph1 Design: \$504,372	Ph1 Design: \$440,627
20	218	396-R	Underway	Dennis Street and Venetia Street Outfall (Elizabeth)	\$ 1,309,459	
30	298	386-R	Underway	Harris Ave / 10th Expanded Neighborhood (Elizabeth)	\$ 5,625,000	
15	221	492-R	Cancelling	Generators for Critical Facilities Withdrawal request sent to FEMA.	\$ 107,316	
16	297	441-R	Underway	Wind-Retrofit(s) of First Responder Facilities (Karen)	\$ 66,411	
13	219	451-R	Underway	Wind-Retrofit(s) of Public Service Facilities (Karen)	\$ 531,507	
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

- **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.
- **FDEO Small Cities CDBG.** May not happen this year b/c Small Cities CARES grant.
- **DOD Defense Community Infrastructure Program (DCIP):** Preproposal due July. Final proposals due September.
- **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.** Going to skip for this round, but work with School District to make it less painful for next round in the summer.

### Projects

- **2020 Water Supply Plan Update:** Reviewed final comments with CM/ACM, legal, Bldg, Utilities, Planning and CBO. Aiming for Planning Board in December.
- **Army Corps Coastal Storm Study.** [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.
- **Regional Adaptation Coordination Team:** 8/13 meeting organized all muni's LiDAR spending to leverage for FDEP regional grant for roads planning. FDEP Grant turned in 8/27.
- **FMA Grant Project:** Monroe County led effort to help local homeowners apply for FMA elevation funding. 18 applications were received as of internal deadline (11/9), County

will forward to State by 11/19. 5 applications were for rebuild and 13 were for elevation. Of the 13 elevation, 5 were from Key West and 4 of those 5 work for the City of Key West.

**Adaptation Planning Team:** Next meeting: Dec 15, 10am: **Loss of Floodplain Manager.**  
BCEGS Recertification meeting.

1) **Last Meeting Recap:**

- Everything. Training opportunities, BCEGS review,

2) **Next Meeting:** PDRRP Annual Plan, Training Scheduling, Water Supply Plan.

- 3) **Training/Travel:** New Training: Climate Summit 12/9-10, SE/Caribbean Disaster Resilient Partnership in Jan, SCRRP Annual Meeting in Jan, potential in person at GoMCon (Apr 25-26)

• **Strategic Plan:**

Need to overhaul this report to incorporate new tasks from Strategic Plan.

- Goal 2: Adaptation. Operations Plan Received. Mtg 10/5.
- Goal 4: Environmental Protection: Ops Plan received. Mtg week of Oct 18.
  - Assisting Urban Forester with Tree Canopy Plan, focusing on Bike/Ped Greenways. Draft Plan due by end of Dec.
  - Working on Fertilizer ordinance, pursuing through Tree Commission with support through SAB.
  - Need to consider phasing [FDEP Nonpoint grants](#).
  - Research FDEP Brownfields opportunities.
  - Water Quality: Am pulling together marine professionals to advise the City on priority actions we could take to improve water quality. Will present at future StratPlan workshop.
  - Water Quality: College of the Florida Keys was awarded a grant to study the conditions of the cruise ship harbor. Will have them present to SAB.
  - Energy: New A&E Coordinator, Joelle Deese has begun on LED Streetlights project and building efficiency ranking.
- Goal 6 – Traffic and Pedestrian Friendliness: Operations Plan Received. Met 10/21

• **Private Sector:** See PPP Grants.

• **University Cooperation/UF FIBER Partnership:** Official research site of FIBER Resilient Housing class. Class will use details from BV3.2 as design guidelines. Mid Review of projects occurred Oct 27<sup>th</sup>. Final proposals 12/8 - Katie intends to have best final projects present to City.

• **Local Mitigation Strategy:** Next meeting 12/6. to discuss scoring new Covid HMGP projects.

Higgins

**Sustainability Board**

- **Next meeting:** Dec 9: WQ Presentation and Discussion. PAAT update. Hawk Missile Site
  - Nov 17: Cancelled due to Lack of Quorum.
- **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.
- **SAB Goals (Updated Priorities:**
  - 1) Less Cars on the Road (Also See Multimodal Report)

- a) Free & Frequent Buses: New On Demand model will be live around December. Planning to have new Multimodal help Transit for first quarter. And potential new intern paid through SF Commuter Services Funds.
- b) Create Revenue Source for Transit FY23
  - Infotainment passed on CC agenda 8/3.
- c) Continue to Implement Bike Ped Master Plan.
- d) Other:
  - **TCT/TAF:** Next mtg: Dec: 20, 10am.
    - Last Meeting: Nov 19: Shared Roads and Reverse Angle Parking ideas for Strategic Plan.
  - **Florida Keys Transportation Coordination Committee:** Special Meeting 9/24 to rank Master Transportation Priority Recommendations, which passed City Commission 10/5. Next meeting 12/3
  - **FDOT TAP Grant:** Working on CRA and Section 4(fs). 90% drawings received. Completed environmental review and surveyed bus stop sites on Big Pine – received FDOT comments 12/2, working on revised version. Interlocal maintenance agreements are in legal for Jan CC mtg. Am helping Marathon with 6(f) letters. Will not have to do 4F determinations!

## 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
    - Glass Crusher to Appropriations Committee
- b) Continue to Evaluate Mt. Trashmore
  - Utilities Consultant presented WQ sampling findings at SAB 8/12.
  - FDEP to present WQ findings at SAB 12/9.
  - SAB considering recommending sending to planning professionals for public opinion on ultimate use.
- c) Other
  - JP held Keyswide meeting into solid waste options 12/10. Data are being gathered for a feasibility study for WTE. Has become Strategic Plan goal.
  - Pilot Sludge Compost begins this year.
  - Extension Service Sargassum compost project is complete, waiting for final composition data.

## 3) Adapt and Mitigate for Climate Change

- a) Begin Adaptation Master Plan: Completed Planning Timeline. Received RFQ comments from FDEO.
- b) Address Stormwater
  - Increase Cistern Use: City Hall Cistern upgrade almost complete.
  - Increase Pervious Areas: Recent uproar over # of impermeability/footprint variances sought. Mayor asked if we could put a moratorium until we found answer. Will discuss at Adaptation Team meeting Planning reviewed tracking system on 9/16.
  - Revise Stormwater Ordinances: Stormwater Master Plan, Phase 3 in FY22.
- c) Increase Environmental Protection
  - 10 Year Energy Plan (A&E beginning draft write up in Dec)
  - Inventory Fossil Fuel Use (Annual report, due April)
  - Increase Tree Plantings (In Transportation Goals, grant in Fall)
  - Reduce/Eliminate 2 stroke engine use

- Outreach program on sustainable yard maintenance (Workshop held Aug
  - Remove iguanas by all means possible
- d) Other:

### 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. Will be arranging a LEED certification course for at least 3 employees.

### Energy (Deese)

- 1) Change all Street Lights to LEDs
  - Have \$100K in FY22 Budget for Phase 1 = Will pay KES for labor to replace ~40%
- 2) Partner with Keys Energy to develop an energy plan
  - Have asked KES to partner with us on Street Lighting to meet their Sustainability Goals.
- 3) KES held 2 EV workshops in May 18 and June 8
  - May 18: Good basic info on different models.
  - June 8: KES doesn't want to lead, but recognizes they will be affected and need to prepare.
- 4) Compact received grant to help local governments with energy efficiency goals. Kick off meeting was 11/3.

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#### **Other**

- **Regular Interns:** Done.
- **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.
- **Florida Keys National Marine Sanctuary Restoration Blueprint:** Many funding opportunities in the Environmental Protection Realm. Will lineup with Env Protection Strategic Plan. The College of the Florida Keys is applying to EPA to do WQ surveys post cruise ships. Mayor wrote letter of support. Revised Blueprint coming out soon.
- **Water Quality Protection Program:** Met Nov 15. Asked for interested folks for a to help prioritize the Environmental Protection Strategic Plan items for local government.
- **Compact:** Approved Annual Workplan and Legislative Priorities. Great updates on new executive orders and Agency programs that should bring many grants. Helping to organize Youth Panel for 12/9 Summit; 2 Key West students will present.
- **Outreach:** Sunrise Rotary presentation 11/5

#### **No Movement:**

- **Sunscreen:** Samples were taken over the summer of local waters.
- **GM Mosquitos:** Passed. Mosquitos released.
- **Florida Keys Green Business Certification:** Included in Strategic Plan.
- **FEMA Flood Maps:** No updates.
- **Greenhouse Gases** – Compact grant: No updates.
- **Special Events Application:** Some parts missing, need to follow up.