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Higgins
**Adaptation
Grants**

Upcoming:

- **FDEO Small Cities CV:** Due Nov 1. Only one project allowed: Kots
- **Safe Routes to School.** Due Dec 31. Planning on two applications: Wickers Realignment at Poincianna and Duncan Entry to Key West High School. 1st Meeting w School 9/23. Lots of hoops to this grant that need school cooperation.
- **FDEO BRIC, Round 2:** Due Nov 12. 25% match. Scheduling meeting to choose projects.
 - Navy is interested in partnering. Will pull together another meeting soon.
- **US Economic Development Administration - American Rescue Plan Act (ARPA):** Liaison to South Florida Regional Planning Council efforts on a Regional application for the Build Back Better Challenge Grant. Provided input on draft proposal of [The South Florida Green Economy Action Plan](#).

Applied For:

- **FDEO MIT General Infrastructure, Round 2:** Applied 9/17:
 - Bahama Village Community Center Resilience Hub: \$2,046,500/\$4,995,500 (58%)
 - 6th Street and Patterson Pump Station: \$5,918,206/\$7,491,400 (21%)

Active

- **FDEP Florida Resilient Coastlines Grant (\$905K)**
Vulnerability Assessment, Roads & Infrastructure Chapter (including LiDAR) and Comp Plan EAR and Text 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, commented on RFP 8/13, passed BOCC Aug 8/18. Key West is now first City to receive LiDAR drivetime.
- **FDEO General Planning.**
 - Working to complete all pre-requirements as possible for both grants so we can hit the ground running post contract signatures. Team meeting 8/31. Regional meeting 9/2 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. Working on Draft scope with FDEO with new 4-year timeline deadline.
 - **Duval Street Economic Corridor Resiliency Plan:** \$500k. Katie/Planning is lead. We are learning from the Duval process. 2nd draft RFP sent back to FDEO.
- **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 to City Commission 10/5 and Comp Plan Readings on Oct 19 and Nov 3. Final invoice from Jacobs paid. Reimbursement request sent 8/27.

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/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
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 voting to assign to current project overages.

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	Underway: Design Phase	Tide Valves and Outfall Improvements (Elizabeth)	\$3,493,562 Ph1 Design: \$504,372	3,052,020 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	Contract Soon	Wind-Retrofit(s) of Public Service Facilities (Karen)	\$ 531,507	
25	222	493-R	Backup	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 were due late Nov last year. Full proposals were due in March.
- **Urban Forestry Grant:** ACM deferred – Prep for next year.

Projects

- **2020 Water Supply Plan Update:** Reviewed final comments with CM/ACM, legal, Bldg, Utilities, Planning. Will put before Planning Board TBA.
- **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.
- **Regional Adaptation Coordination Team:** 8/13 meeting organized all muni's LiDAR spending to leverage for FDEP regional grant for roads planning. Grant turned in 8/27.
- **FMA Grant Project:** Monroe County lead is helping local homeowners apply for FMA elevation funding. Residents are having a hard time finding contractors that will give them a quote, so County will be putting our Seagrant Summaries on its website. Monroe also just approved our budget template to provide residents to provide to contractors for bids. I am applying myself.
- **Adaptation Planning Team:** Next meeting: 9/30
 - 1) **Last Meeting Recap:**
 - Everything. Key decisions:
 - 2) **Next Meeting:** PDRRP Annual Plan, Training Scheduling, Water Supply Plan.
 - 3) **Training/Travel:** FY21 funds toward Virtual Oct Living Shorelines workshop and virtual Compact Summit in Dec.
- **Strategic Plan:**
 - Goal 2: Adaptation. Operations Plan Received. Mtg 10/5.
 - Goal 4: Environmental Protection: Ops Plan received. Mtg week of Oct 11.

- Working on Fertilizer ordinance, pursuing through Tree Commission with support through SAB.
 - Need to consider phasing [FDEP Nonpoint grants](#).
 - Research FDEP Brownfields opportunities.
- Goal 6 – Traffic and Pedestrian Friendliness:
- **Private Sector:** See PPP Grants.
- **University Cooperation/UF FIBER Partnership:** Official research site of FIBER Resilient Housing class. Met with Planning 9/9, class will use details from BV3.2 as design guidelines. No other participation needed from City but will be invited to watch final proposals in December.
- **Local Mitigation Strategy:** No update.

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Sustainability Board

- **Next meeting:** Oct 14: KES Presentation, Trashmore and Fertilizer Discussion.
- **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.
- **SAB Goals** (Updated Priorities:
 - A)
 - 1) Less Cars on the Road:
 - 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 for 8/3.
 - c) Continue to Implement Bike Ped Master Plan.
 - d) Other:
 - **TCT/TAF:** Next mtg: 10/27: Transit on Demand
 - Last Meeting: 9/22: Ranked Monroe County Master Transportation Plan Recommended Actions. Will go to CC on Oct 5.
 - **Florida Keys Transportation Coordination Committee:** Special Meeting 9/24 to review Master Transportation Priority Recommendations.
 - **FDOT TAP Grant:** Working on CRA and Section 4(fs). 90% drawings received. Have begun environmental review and surveyed bus stop sites on Big Pine. Working on interlocal maintenance agreement. Will not have to do 4F determinations!
 - 2) Reduce Waste Stream:
 - a) Renegotiate/Bid New Solid Waste Management Contract
 - SAB Submitted letter supporting going out for bid after July 31st.
 - Contract discussions going back to City Commission.
 - 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.
 - Considering more sampling in nearshore waters. Need to design.
 - c) Other

- JP held Keyswide meeting into solid waste options 12/10. Data are being gathered for a feasibility study for WTE. May render all other goals moot.

3) Adapt and Mitigate for Climate Change

- a) Hire Adaptation Coordinator / Energy Manager. Posted 10/1. Received permission to post on social media. Working on professional listing pricing.
- b) Begin Adaptation Master Plan: Completed Planning Timeline. Sent RFQ to FDEO.
- c) 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 reviewing tracking system on 9/16.
 - Revise Stormwater Ordinances: Stormwater Master Plan, Phase 3 in FY22.
- d) Increase Environmental Protection
 - 10 Year Energy Plan (in budget for FY22)
 - Inventory Fossil Fuel Use (Annual report)
 - Increase Tree Plantings (In Transportation Goals)
 - Reduce/Eliminate 2 stroke engine use
 - Outreach program on sustainable yard maintenance
 - Remove iguanas by all means possible
- e) 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 3 employees.

Energy

FY22 Budget includes 50/50 Energy Manager/Adaptation staff and 10 Year Energy Plan.

- 1) Change all Street Lights to LEDs
 - Have \$100K in FY22 Budget for Phase 1.
 - Preliminary partnership talks with KES involve them surplus remaining non-LED bulbs, purchasing necessary replacement bulbs and City paying for labor. Estimates provided, need to draw up potential plans.
- 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 will be 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.

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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
- **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:** Meeting Nov 15.
- **Compact:** Approved Annual Workplan and Legislative Priorities. Great updates on new executive orders and Agency programs that should bring many grants.
- **Outreach:** Jacobs Presentation 9/21.

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.