

Higgins  
**Adaptation  
Grants**

Upcoming:

- **FDEO MIT General Infrastructure, Round 2:** Due August, contemplating projects now:
  - Stormwater Master Plan Project
  - CIP Seawall Projects
  - Resilience Hubs
- **FDEO BRIC, Round 2:** Notice of Intents requested, contemplating projects now.

Applied For:

- **FDEO CPTA (\$50K):** Did not get. Submitted grant application 5/18 for Housing Element segment of upcoming Comprehensive Plan EAR (Evaluation and Appraisal Report). Aligns with and pays for Housing Needs Assessment in Strategic Plan.

Active

- **FDEP Florida Resilient Coastlines Grant (\$905K)**  
FDEP Approved expanded Historic/Cultural scope to include Vulnerability Assessment, Roads & Infrastructure Chapter (including LiDAR) and Comp Plan EAR and Text Amendments. Working on agreement language and timing with Engineering and Planning. Must be complete in 3 years after contract signing.
- **Seagrant: Elevating Houses: (\$28.5K)** Videos posted to FIRM website. Completing reports for close out and reimbursement.
- **FDEO CPTA:** \$44k for Post Disaster Recovery and Reconstruction Plan w Comp Plan amendments. Project grant complete 6/24. Working on reimbursement and prepping Comp Plan amendments with Legal for Planning Board on August 19.
- **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 8/3.
  - **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. Draft scope submitted to FDEO on 5/26, comments received. Need to complete scope and submit it and RFQ before publishing.

**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
101	46.4	1	Kots (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
101	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
101	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. Secured an additional \$2.2M for Force Main by withdrawing underfunded Fire Station 3.
  - Send letter requesting reallocation of Generators (\$107K) to Dennis/Venetia.
  - Verified that Wind Retrofits for First Responders (Fire Station) budget is sound.
  - Utilities will pay match for 2 of 3 bldgs in Wind Retrofits of Public Service.
  - Project handoff meeting with Karen Wilman for 2 Wind Retrofit projects 8/3.

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 (Requested CLOSING)	\$ 107,316	
16	297	441-R	Underway	Wind-Retrofit(s) of First Responder Facilities (Karen)	\$ 66,411	
13	219	451-R	Awarded, Awaiting Contract	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

- **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.** Sent summary to ACM. Can be: Neighborhood Revitalization, Housing Rehabilitation, Commercial Revitalization or Economic Development. Due Fall 2021, but many prep activities must occur to score high. Re-sent to Elisa.
- **Urban Forestry Grant:** ACM deferred – Prep for next year.
- Alex Bennett is working on Grant calendar so we're better prepared.

## 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.** Update to BOCC 2/17, dropped all references to buyout, so eminent domain issue is moot. BOCC Accepted Plan, presented to City Commission 5/4. Total of \$2.5B, almost half which is slated for Key West (1.05B). 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:** 6/10 meeting discussed new LiDAR findings, the Adaptation Fund, ACOE's potential defunding of US1 projects, CRS ratings, etc.
- **Adaptation Planning Team:** Next meeting: TBD
  - 1) **Last Meeting Recap:**
    - Strategic Plan Draft; LiDAR discussion; Monroe Vulnerability Assessment, etc
  - 2) **Next Meeting:** SLR Design Criteria; PDRRP Actions/Timeline; Stormwater Projects/SWMP, Phase 3 Scope.
- **Strategic Plan:**
  - Goal 2: Adaptation. Presented to Commission 6/2. Finished 5 year projects list. Budget Created and passed first workshop.
  - Goal #4: Environmental Protection (Drafted: pump outs, clean marinas, coral restoration, green business, living shorelines). Presented at Retreat 8/5.

- Goal #6 – Traffic and Pedestrian Friendliness (Transit, Bike/Ped, Parking, Reduce Footprint) Presented to Commission 6/15.
- **Private Sector:** See PPP Grants.
- **University Cooperation/UF FIBER Partnership:** No Movement
- **Local Mitigation Strategy:** No update.

Higgins

## **Sustainability Board**

- **Next meeting:** Aug 12
  - Found new replacement for Effie Ford. Shelly Krueger approved by Comm. Wardlow.
  - **SAB Goals (Updated Priorities:**
    - 1) Less Cars on the Road:
      - a) Free & Frequent Buses: Helping with new On Demand model.
      - b) Create Revenue Source for Transit FY23
        - Infotainment on CC agenda for 8/3.
      - c) Continue to Implement Bike Ped Master Plan. On hold for new position.
        - Need advertising \$\$ for position in FY22.
      - d) Other:
        - **TCT/TAF:** Next mtg: 8/25: Goals, Transit on Demand
          - Last Meeting: TAF FY22, Goals
        - **Florida Keys Transportation Coordination Committee:** Discussed funding options. Master Plan had final outreach workshop 7/14.
        - **FDOT TAP Grant:** Working on CRA and Section 4(fs). 60% drawing samples received, Kickoff meeting with CRA subcontractor SEARCH. 7/21.
    - 2) Reduce Waste Stream:
      - a) Renegotiate/Bid New Solid Waste Management Contract
        - SAB Submitted letter supporting going out for bid after July 31<sup>st</sup>.
        - Contract discussions going to City Commission Aug 17.
        - Mandatory Commercial Recycling
        - Pilot Pay as You Throw Program
        - Seek New Uses for Glass
      - b) Continue to Evaluate Mt. Trashmore
        - Utilities Consultant to present WQ sampling findings at SAB 8/12.
      - 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. Will begin work on JD.
      - b) Begin Adaptation Master Plan: Planning Timeline now.
      - 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
        - 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 Certificate of Occupancy process for all new residences.

### Energy

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

- 1) Change all Street Lights to LEDs
  - Kelly working on street lighting, put phase 1 as FY22 budget ask.
- 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 does recognize that they will be affected and need to get out in front.

### Higgins

### **Other**

- **Regular Interns:** Last week. Dee Dee's helped catch up Energy Bills into EPA Portfolio Manager. Should have 1.5 years done by 8/13.
- **Transportation Intern:** "Transportation Research Assistant" is back to drawing board. Have contacted SF Commuter Services to see if \$ is still usable in new FY.
- **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.
- **Water Quality Protection Program:** Meeting July 23<sup>rd</sup>.
- **Compact:** Approved Annual Workplan and Legislative Priorities. Great updates on new executive orders and Agency programs that should bring many grants.
- **Outreach:** 7/30: Konk AM: TAF and Adaptation Budgets

### **No Movement:**

- **Sunscreen:**
- **Land Conservation:**
- **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.
- **Mt Trashmore** –Waiting on Utilities report on new water quality testing and engineering report on what can be done on site. Working towards next report for City Commission: passive uses and methane recapture.
- **Special Events Application:** Met with Todd who is putting it all online! Some parts missing, need to follow up.
-