

Sustainability Report

October 2020

Higgins Adaptation Grants

- **FDEP Florida Resilient Coastlines Grant**

Due Oct 9, 2020. We won't hear back about MIT Planning Grants in time, so will resubmit 1 application for the historical module. Scheduled for review with grant team on 10/7.

- **BRIC Building Resilient Infrastructure and Communities**

Due Jan 29, 2021. 25% local match. 100% mgmt costs.
Public infrastructure, Lifeline mitigation, nature based solutions, building codes.
State Allocation \$336M. National Competition \$446M. \$50M per application.

- **FDEO Small Cities CDBG.** Webinar 8/18.

\$25M available. Can be: Neighborhood Revitalization, Housing Rehabilitation, Commercial Revitalization or Economic Development. Will discuss needs for next years application at future grants meeting.

- **FMA (Flood Mitigation Assistance) National Grant** *(Probably will not apply)*

Due Jan 29, 2021. 3-year project timeline. 10% for management costs. 5% for subapplication budget. 25% local match, unless for Repetitive loss (10%) or Severe Repetitive Loss (0%)

1. **Project Scoping (\$4M).** \$600k cap per application
2. **Community Flood Mitigation Projects (\$70M)** \$30M cap per application
3. **Other (86M)**
 - **Technical Assistance.** \$50k per applicant
 - **Flood Hazard Mitigation Planning.** \$100k per applicant
 - **Individual Flood Mitigation Projects.** 4 year, \$30M application cap

- **Irma CDBG-MIT:**

- **General Planning.** Submitted 7/30. Presented on 9/25 & 28. Got good marks, "top of heap", few questions.

- Monroe County Regional Vulnerability Plan: \$2.5M. Submitted by County
- Key West Adaptation and Resiliency Plan: \$500k. Interview 9/28, 4pm
- Duval Street Economic Corridor Resiliency Plan: \$500k. Interview 9/25, 4pm

General Infrastructure (\$150M/year for 3 years) All turned in!

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	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 Expansion (Johnnie)	\$ 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	Tide Valves and Outfall Improvements (Elizabeth)	\$ 3,545,656	46%	\$ 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	Fogarty & 3rd Streets: Pump Assist Well and Drainage Collection System and Outfall (Elizabeth)	\$ 6,336,165	16%	\$1,206,900	\$ 650,936

- **FDEO CPTA** (Community Planning Technical Assistance Grants)
 1. WON!!! \$44k for Post Disaster Recovery and Reconstruction Plan w Comp Plan amendments Discussed scope at 8/21 Adaptation Meeting. Met with Jacobs on 9/11 on scope for Task order. Met with Justin from FDEO for scope tweaks on 9/17. Awaiting contract docs from FDEO.
- **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:

LMS	Original HMGP Grant	Project Title	Fed Ask
8	Irma	Force Main Relocation Project (Infrastructure Hardening)	\$ 3,563,054
9	Irma	Tide Valves and Outfall Improvements (Drainage)	\$ 3,703,832
30	Irma	Harris Ave / 10th Expanded Neighborhood (Drainage)	\$ 1,376,269
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

- **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. Johnnie Y.
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

- **IRMA HMGP:** 10 projects: \$13.5M. Secured an additional \$2.2M for Force Main by withdrawing underfunded Fire Station 3.
 - Quarterly Reports will be due mid Oct

LMS	FL#	FEMA#	Status	Title	\$\$
8	223	501-R	Under Review	Force Main Relocation Project	\$ 2,330,000 + 2,219,991

20	218	396-R	Comm Apprvd	Dennis Street and Venetia Street Outfall	\$ 1,309,459
9	220	231-R	Design Phase	Tide Valves and Outfall Improvements	\$ 4,658,082
25	222	493-R	Backup	Patricia Ashby Pump Station Well	\$ 150,000
13	219	451-R	Under Review	Wind-Retrofit(s) of Public Service Facilities	\$ 3,500,000
30	298	386-R	Contract recvd	Harris Ave / 10th Expanded Neighborhood	\$ 5,625,000
14	296	415-R	Withdrawn	Fire Station 3 - FEMA 361 Upgrades	\$ 2,219,991
15	221	492-R	Approved	Generators for Critical Facilities	\$ 278,000
16	297	441-R	Contract Recvd	Wind-Retrofit(s) of First Responder Facilities (Fire Station	\$ 650,000

- **2020 Water Supply Plan Update:** Adopting Miami Dade County's Water Fixtures Guidelines as an addendum to our Building Code.

Army Corps Coastal Storm Study. Draft report released 6/26. Public Comment ended Aug 10. www.saj.usace.army.mil/FloridaKeysCSRMFeasibilityStudy/. Meeting Scheduled mtg with ACOE to review elevation formulas and Voluntary buyout methodologies on 10/7.

- **Adaptation Planning Team:** Next meeting TBD: Stormwater Continued, Post Disaster Recovery Plan & Commission report prep.
 1. **Last Meeting Recap:** 9/22: Prepped for MIT Planning Grant Presentations.
 2. **NEA Grant:** Presenting Cultural Plan to City Commission Oct 6.
 3. **Elevating Houses:** Seagrant Application (\$28.5K) won!!!. Turned in new forms to Seagrant 7/16. Start date Aug 1. Ends July 31, 2021. Drafting interview questions for Home Summaries. Have contract documents from seagrant, will walk up the hall soon
 4. **Private Sector:**
 5. **University Cooperation:** Northeastern's Pre-Proposal to the NOAA Climate Grant was invited to submit a full proposal for their "Collaborative Modeling the Benefits, Consequences, and Trade-offs of Mangroves and Seawalls for Coastal Communities".
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- **UF FIBER Partnership:** Waiting on grants.
- **Local Mitigation Strategy:** WE need to add their webpage to our website <http://www.monroecountyfl-lms.com/> to get extra CRS points. Turned in 10 page data report on last 5 years of LMS related activity 7/24. 9/2 Meeting outlined next deliverables on reviewing previous action items, turned in 9/15

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Sustainability Board

- **Next meeting:** In person, Oct 8. Mt Trashmore, PAAT, Parking Reform discussion and FY21 Budget summary
- **SAB Goals (Prioritized 3/12)**
 - 1) Less Cars on Road: see Tim's report.
 - a) Continue Transit Overhaul and support with 6 month fare free intro periods
 - Transit working on updated 10 year plan.
 - b) Obtain Bike Friendly and Walk Friendly Certifications: Bike turned in Walk due in Jan.
 - c) Intern: Probably parking study...
 - Crosstown Greenway: Pushed off til late Oct, early Nov. TBA.

- **Duval Loop:** Awaiting Nov 20, 6 month evaluation of Loop \$1
- **TCT/TAF:** Next mtg: 10/28: Deeper dive into 10 Year Transportation Plan, Ecopass presentation. Final Parking Reform.
 - **Recap** 9/23 – First cut of 10 Year Transportation Plan, PAAT reporting, and Parking Reform Discussion.
 - Finished August \$90K up from original estimations, will revisit TAF projects accordingly.

Rank	Project	FY20	FY21
1	Bike Racks	\$45K	\$45K
2	Safety Improvements		\$50K
3	Stop Sign Study		\$20K
4	Traffic and Pedestrian Signal Upgrades	\$80K	
5	Infotainment on Lower Keys Shuttle		\$60K
6	EcoPass Pilot Study	\$	\$5K
7	Freebie Swag	\$2K	\$5K
8	Cultural Assessment for Final Mile Grant		\$15K
NEW	Pedestrian Signal Upgrades		\$80K
NEW	Pedestrian Upgrades		\$225K
NEW	Wickers Trail		\$100K
NEW	FDOT Last Mile Assistance		

- **Florida Keys Transportation Coordination Committee**
 - Transportation Master Plan Stakeholder Meeting held Aug 20.
 - Attended Master Plan Public meeting: 9/24
- **Cow Key Bridge Work:** No major issues.
- **FDOT TAP Grant:** Starting over. Seeking cost to farm out. Held Do-Over meeting with FDOT team 8/20. Updated map with all facility sites. Received scope pricing from Alfredo with KCI And will walk it down the hall soon.

2) Reduce Energy Use: Renewable Portfolio Standard

- a. Change all Street Lights to LEDs
 - Johnnie & Kelly working on street lighting.
- b. Partner with Keys Energy to develop an energy plan

The draft Ten Year Energy Plan has been reviewed in house, by stakeholders, KES and SAB. Next we will meet with ACM to be ready for Annual Report to Commission on Oct 20.

3) Reduce Waste Stream:

- a) Mandatory Commercial Recycling
- b) Pilot Pay as You Throw Program
- c) Seek New Uses for Glass
- d) Other
 - Did not get Compost Grant. Have received scoring\ and plan to address for next year
 - Assisting Extension Service with their seaweed compost grant.

4) Green Building

- a) Adaptation Master Plan that includes residential solutions and stronger policies.

- b) Finish updating Land Development Regulations
- c) Solve stormwater and impermeability issues
- d) Other:

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Other

- Urban Forestry Grant: ACM deferred to next fiscal year.
- **Land Conservation:** Working with Urban Forester to give 1st Annual Report on Land Conservation for 9/16 meeting. Bumped to 10/20.
- **Regular Interns:**
- **Transportation Intern:** "Transportation Research Assistant" has been approved and check has arrived. Cleared HR and looking for someone.
- **Healthy Living:** Assisting community group interested in creating community garden at the Senior Plaza housing. Group meeting 8/27: find pricing and grant calendar.
- **Florida Keys National Marine Sanctuary Restoration Blueprint:** 9/23 Meeting Recap: Joint mtg of SAC and WQPP, reviewed priorities and funding.:
- **Compact:** Completed State and Federal Policy recommendations 8/20. Participated in Muni Group Workshop on 10/1, to help other smaller Cities with mitigation and adaptation. Also serving on Virtual Summit committee. Attended Equity Training 9/8, 11, 14 & 15.
- **GM Mosquitos:** Passed. No releases til at least 2021.
- **Outreach:** Brainstorming with Dee Dee to do a Virtual Green Drinks.

No Movement:

- **Florida Keys Green Business Certification:** Building into 2021 Energy Plan. Converting to Google Forms application.
- **FEMA Flood Maps:** 6/17 BOCC meeting: Consultants have found multiple issues with FEMA's methodologies that should help rates. Have turned in comments to FEMA
- **FEMA CRS:** Key West got a #5 ranking – 25% off flood insurance, in effect October 1!! Researching with Caroline Horn on ordinance workshop with County.
- **CDL Drivers:** Courses beginning! Still incredibly short on bus drivers.
- **Greenhouse Gases** – Compact grant: Next meeting 8/28
- **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!
- **Ocean Friendly Restaurants:** Met regarding fold in to FKGBBC (above)
- **Florida Friendly Yard Designation:** Working on evaluation with Karen DeMaria. Want to certify City Hall.
- **VW Emission Settlement Grants.** No updates
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