

Sustainability Report

February 2021

Adaptation Grants

- **Seagrant: Elevating Houses: (\$28.5K)** Completed interviews for 6 homes. Contractors class sign up is live, starts Feb 16/17. Preparing for first report.

TIMELINE	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Interview & Publish Flyers									
4 webinars									
Advisor Help									
Buyers Coop									
Final Report & Closeout									30-Jul

- **FDEO CPTA:** \$44k for Post Disaster Recovery and Reconstruction Plan w Comp Plan amendments Stakeholder Workshop 1/15 yielded comments from 28 participants. Guidance Report completed and received at FDEO. Consultants beginning draft plan.

TIMELINE	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Technical Memorandum		early	29-Jan						
Stakeholder Webinar		mid	29-Jan						
Draft Plan					early	1-Apr			
Webinar					mid	1-Apr			
Revised Plan						1-Apr			
Draft Comp Amendments					#####				
Planning Board						18-Apr			
City Commission #1 & 2							11 & 25-May		
Close Out							28-May	30-Jun	

- **FDEP Florida Resilient Coastlines Grant** Submitted Oct 9 for \$75K Resubmitted 1 application for the historical module/Chapter. No word yet.
- **FDACS Wastewater Treatment Plant Energy Program.** Applied 10/29 for \$500K for Aeration System upgrades. Emailed requested follow up info on 12/21. No word yet.
- **Irma CDBG-MIT:**
 - **General Planning.** Submitted 7/30. Presented on 9/25 & 28.
 - Key West Comprehensive Adaptation and Resiliency Implementation Plan (CARIP): \$500k. WON!
 - Duval Street Economic Corridor Resiliency Plan: \$500k. WON!
 - Monroe County Regional Vulnerability Plan: DID NOT GET. This grant was to supply us with Chapter 1 of the CARIP. Intend to submit for FY21/22, working up costs now.

General Infrastructure (\$150M/year for 3 years) 8 projects worth \$40,186,681
The Tide Valves project presented to FDEO at 2pm on 12/14 and is receiving a site visit on 2/5.

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

- **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

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

- **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 January.

LMS	FL#	FEMA#	Status	Title	\$\$
8	223	501-R	Underway	Force Main Relocation Project	\$ 2,330,000 + 2,219,991
20	218	396-R	Underway	Dennis Street and Venetia Street Outfall	\$ 1,309,459
30	298	386-R	Underway	Harris Ave / 10th Expanded Neighborhood	\$ 5,625,000
15	221	492-R	Underway	Generators for Critical Facilities	\$ 107,316
16	297	441-R	Underway	Wind-Retrofit(s) of First Responder Facilities	\$ 66,411
13	219	451-R	Under Review	Wind-Retrofit(s) of Public Service Facilities	\$ 3,500,000
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
14	296	415-R	Withdrawn	Fire Station 3 - FEMA 361 Upgrades	\$ 2,219,991

*Three HMGP projects did not get into FY21 budget. Working with Finance to include.

- **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.
- **Urban Forestry Grant:** ACM deferred – Prep for next year.
- **2020 Water Supply Plan Update:** Reviewed final comments with CM/ACM, legal, Bldg, Utilities, Planning. Will put before Planning Board in Feb 18.
- **Army Corps Coastal Storm Study.** Update to BOCC on 10/21 shows drastically reduced buyout category (95 in KW to 22 Keyswide). Still no decision on mandatory buyout waiver. Draft report released 6/26. www.saj.usace.army.mil/FloridaKeysCSRMFeasibilityStudy/. Met with ACOE to review elevation formulas and Voluntary buyout methodologies on 10/22 = Only 9 properties, all of which will probably be dropped because they are part of multi-family buildings
- **Adaptation Planning Team:** Next meeting: TBD: Need to include Ports!
 - 1) **Strategic Plan:** Met with Elisa 2/4 to plan for Strategic Planning Retreat. Adaptation is #2 Community Need.
 - 2) **Last Meeting Recap:** 15 PDRP
 - 3) Planning Single Family zoning district, researching relaxing setbacks in order to increase accessory units as affordable housing.
 - 4) Next Meeting: Addressing Infrastructure (Chapter 1) of CARIP, review PDRRP Comments.
- **Private Sector:** See PPP Grants.
- **University Cooperation/UF FIBER Partnership:** No Movement
- **Local Mitigation Strategy:** Accepted by FDEO. Scott Fraser will submit to City Commission to accept.

Sustainability Board

- **Next meeting:** Feb 11 Water Supply Plan Fee Free Transit Discussion. Role and Efficacy of SAB board. Prioritization Discussion.
- **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
 - Discussed goals with Transit 1/13 & 2/3 for SAB discussion.
 - Cutaway busses are showing up shortly. 2 have arrived.
 - Transit working on updated 10 year plan.
 - b) Obtain Bike Friendly and Walk Friendly Certifications: Bike turned in. Walk missed.
 - c) Intern: Ecopass and Drivers Project. Want Grad Student: Waiting on HR.
 - **TCT/TAF:** Next mtg: 2/24: 10 Year Transportation Plan, Ecopass presentation. Final Parking Reform. Fare Free / Drivers Plan.
 - Finished Sept \$130K up from original estimations, AND first 2 months of new FY are \$72K above TAF estimations.

Rank	Project	FY21	Progress/Target
1	Bike Racks	\$45K	0% - April
2	Safety Improvements	\$50K	Cindy in progress Project List Needed
3	Stop Sign Study	\$20K	Postponed
4	Traffic and Pedestrian Signal Upgrades	\$80K	0% - no date yet.
5	Infotainment on Lower Keys Shuttle	\$60K	0% - Rod will resurrect
6	EcoPass Pilot Study	\$5K	0% - August
7	Freebie Swag	\$5K	0% - May/June
8	Phase II and Cultural Assessment for Final Mile Grant	??? + \$40K	Going to City Commission Feb 16
9	TDM Intern	\$5K	90%
10	CIP - Pedestrian Upgrades	\$225K	\$71K Flagler study \$80k Flagler Construction. Remaining: Upgrade controllers White/United.
11	CIP - Wickers Trail	\$100K	Finalizing Task Order

- **Florida Keys Transportation Coordination Committee:**
- **FDOT TAP Grant:** Working on CRA and Section 4(fs). Met with FDOT Environmental 1/8. All is on hold until 60% drawings come out.

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 got good reviews from City Commission. Timeline for completion set for April to City Commission. Have completed chapters up to year 3.

3) Reduce Waste Stream:

- a) Mandatory Commercial Recycling
- b) Pilot Pay as You Throw Program
- c) Seek New Uses for Glass

d) Other

- Assisting Extension Service with their seaweed compost grant.
- 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.

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:
 - Stormwater Master Plan will handle most of these.
 - 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.

Other

- **Regular Interns:** Prepping for Spring Break needs.
- **Transportation Intern:** "Transportation Research Assistant" has been approved and check has arrived. CUTR has identified a grad student and paperwork handed to HR.
- **Florida Keys National Marine Sanctuary Restoration Blueprint:** Feb Mtg.
- **Compact: Outreach:**

No Movement:

- **Sunscreen:**
- **Land Conservation:**
- **GM Mosquitos:** Passed. No releases til at least 2021.
- **Healthy Living:** Assisting community group interested in creating community garden at the Senior Plaza housing. Group:find pricing and grant calendar. No updates.
- **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. Appeals period expected soon.
- **Greenhouse Gases** – Compact grant: Next meeting 1/29
- **Mt Trashmore** –Waiting on Utilities report on new water quality testing (1/11) 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 FKGB (above)
- **Florida Friendly Yard Designation:** Working on evaluation with Karen DeMaria. Want to certify City Hall.
- **VW Emission Settlement Grants.** 2nd Phase EV announced, we do not qualify.