

Higgins
**Adaptation
Grants**

Upcoming:

- **FDOT Transportation Alternative Program:** Due Feb 18. Meeting 11/14 to go over potential projects: Wickers, Saltponds Design, Wayfingering Plan, Mobility Plan, North Roosevelt Blvd. **ARRPA Covid Funds:** Need to determine how to spend remaining Covid funds (if any remains) Last estimated at ~\$12M.
- **FDEP 319(h) Grant.** Due April. Green Stormwater Infrastructure (GSI) construction, monitoring and education to reduce nonpoint source pollution from land use activities.
- **FDEP Water Quality Assistance Grant.** Due April. Fund GSI construction with the goal to reduce nonpoint source pollution from land use activities.

Applied For:

- **Covid HMGP:** White Street & Petronia Street Gravity Injection Well (~\$771K). Applied 12/21) Monroe County LMS only allocated \$601K.
- **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 2nd Round Site Visit 11/29.
 - ~~6th 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.
- **FDEP Resiliency:** The Compact was awarded \$225K for “Aiding Local Governments with Regionally Relevant Flood Thresholds and Predictions for Vulnerability Assessments”

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. 2nd 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. 2nd 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 |
| 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/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 voted to assign to current project overages.
 - The Tide Valves project is dead as an HMGP project. Current HMGP projects are looking at expanded scope options, with the remainder specified toward a 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 | Cut by FDEM | Tide Valves and Outfall Improvements (Elizabeth) Currently deemed noncompliant. \$\$ may be freed up? | \$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 | 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.** Postponed to next cycle.

Projects

- **2020 Water Supply Plan Update:** Reviewed final comments with CM/ACM, legal, Bldg, Utilities, Planning and CBO. Aiming for Planning Board in February.
- **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. Ranking for LiDAR 12/13: Chose Wood.

- **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. There are now 4 applicants from Key West, 3 from the City. Potentially Monroe's applications are 1/3 of entire state submittals.

Adaptation Planning Team: Next meeting: TBD

1) **Last Meeting Recap:**

- Dec: Everything. Training opportunities, Loss of Floodplain Manager. BCEGS Recertification meeting.,

2) **Next Meeting:** Jan TBD: Contract Review & Pre Qualified Contracts

- 3) **Training/Travel:** New Training: Virtual SE/Caribbean Disaster Resilient Partnership in Jan, In Person Aspen Ideas in Miami Beach March 3-7, In Person GoMCon (Apr 25-26). Working on Flood Manager Certifications.

- **Strategic Plan:**

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

- Goal 2: Adaptation. Operations Plan Received. Waiting on funders.
- 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 complete, Funding plan due by end of Jan.
 - Pursuing Fertilizer ordinance: Sponsors Johnston and Weekley. SAB 1/13. Tree Commission Feb. Planning Board March. City Commission April.
 - 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: See A&E Coordinator Report from Joelle Deese.
- Goal 6 – Traffic and Pedestrian Friendliness: Operations Plan Received.
 - See Multimodal Report from Ryan Stachursk.

- **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 27th. Final presentations viewed on 12/8, final projects due 12/24. Katie intends to have best final projects present to City.

- **Local Mitigation Strategy:**

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Sustainability Board

- **Next meeting:** Jan: WQ Presentation and Discussion. PAAT update. Hawk Missile Site
 - Dec 9: 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: Jan 26:
 - Last Meeting: Dec: 20, 10am. Ranked Shared Roads/Reverse Angle 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: TBD
 - **FDOT TAP Grant:** Working on CRA and Section 4(fs). 100% drawings received. Completed environmental review and surveyed bus stop sites on Big Pine – received FDOT comments 12/16, returned revision 12/24. Interlocal maintenance agreements passed at Jan 4 CC mtg. Have turned in Marathon's 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 Jan.
 - 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.

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Other

- **Regular Interns:** Potential Grad Student from Duke University to help with EV research. Referred to HR for official intern process 11/12.
- **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 received award from EPA to do WQ surveys post cruise ships. 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. Helped to organize Youth Panel for 12/9 Summit; 2 Key West students presented.
- **Outreach:** Konk FM 12/9: Green Giving

No Movement:

- **Sunscreen:** Samples were taken over the summer of local waters.
- **GM Mosquitos:** Passed. Phase one project over. Data being evaluated.
- **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.