
Sustainability Report

March 2022

Higgins
Strategic Plan

PRIORITY 2: ADAPTATION/SEA LEVEL RISE

GOAL 1: Build Municipal Capacity and Establish Long-Range Plans

- 1. Build an Adaptation Team:** A&E Hired. What does Engineering need for FY23?
- 2. Adaptation Fund and SLR Funding Consultant:** (June 22) Use \$ for something else? Sweden?
- 3. Increase Communication/Transparency:**
 - Konk FM 1/13: Sustainable Fisheries. Keller Williams Real Estate: Home Elevation Programs.
 - Websites this year: Energy (March) and Adaptation (May)

GOAL 2: Short-Term Critical Projects and Plans

1. Short Term List of Critical Infrastructure Projects:

- New List: Done! = [Proposed 22-23 Adaptation Projects](#)
 - i. Met with Mike Henriques to design Bldg Master Plan spreadsheet, to track upkeep and upgrades to all City Bldgs. Ports reported that they hired someone to do just that for their buildings.
 - ii. Ports may has a current major seawall project that hasn't thought of SLR. Sent out poll to set date.
 - iii. Setting meeting with County to talk about collaborating with extra HMGP funds and outside grants on their newly prioritized "neighborhood" #57 = Palm/Eaton/Flagler from the Road Vulnerability Study. (see Greenkeys)
- Current Projects: See Grants List.

2. Protect Water Supply:

- Water Supply Plan/Timeline: Reviewed final comments with CM/ACM, legal, Bldg, Utilities, Planning and CBO. On agenda for Planning Board March 18. Working on Technical Memo. Key elements include:
 - i. 2 Day a Week Irrigation Schedules
 - ii. Mandatory Efficiency Fixtures for all construction (showerheads, faucets, dishwashers, washers, etc)
- Turkey Point Updates: FKAA lost their challenge to the Turkey Point expansion permit, but appeals filed by NRDC, Friends of the Earth and Miami Waterkeeper were successful at getting the US Nuclear Regulatory Commission to halt its decision on two license renewals granted to extend the life of Units 3 & 4 for an additional 20 years. FPL will need to do a more rigorous environmental review before consideration.
- Increase Cisterns
- Water ReUse Plan
 - i. Creating Potable Water from Wastewater is now considered fundable as an Alternative Water Supply Project, per State Bill: [FL Senate Bill 64](#)
 - ii. Trying to get Water Reuse as priority project under EPA regional grant via WQPP team.
 - iii. Next Steps Feasibility will be in FY23 Utilities budget.

2. **Non-Infrastructure Measures:** Still in Information Gathering Phase. Begin Fall 2023.

4. ~~Grade elevation~~ / **Home Elevation Project:** (Also serves Aff. Housing Goal 3: Preserve Existing)

- 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.
- Met with Elevation Contractor 1/13 to brainstorm potential collaborations. Received template for elevation estimates, but needs updating with current and local info.
- City Staff met w County 1/18 to plan for next FMA Cycle.
- County hosted Keyswide Planners mtg 2/24 for Model Elevation Language. Will meet again in 2 months.
- Compared Notes with City of Miami Beach, 2/16. They might be hiring someone to help with FMA applications.
- Was interviewed by NOAA for Case Study 2/8. Expected final product June.
- Completed 2 abstracts for National Adaptation Forum: Featured by Compact and one just City.

GOAL 3: Long Term Adaptation Plan

1. Vulnerability Assessment &

2. Long Term Adaptation Strategy and Implementation Plan:

- Cohort Call on 2/23 gave procurement solutions for RFQ, meeting with Carolyn Sheldon ³/₄.
- Received contract from FDEO 2/22.
- Governor's Budget finally announced 2/4, includes FDEP grant!
- Still waiting on FDEP final scope and agreement.
- LiDAR Company Chosen (Wood). City staff met with Wood Feb 8.
- For additional detail, see *Active Grants*

GOAL 4: Partnerships and Linkages to Other Plans

3. Implementation Plan for Post Disaster Recovery and Reconstruction (PDRRP):

- Completed = [PDRRP Annual Plan FY22](#)

4. Integrate SLR into long range plans:

- Each Chapter of Adaptation Plan will integrate its recommendations into any necessary Plans.

5. Monroe County ACOE Coastal Storm Mitigation Project: 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.

6. Monroe County GreenKeys!

- Attended Drawdown Presentation by County Extension. Discussed adapting for local presentation.
- Roads Vulnerability Updates happened 2/17 & 2/23, [recording here](#). [New map website](#) shows they have divided Key West based projects into two groups:
 - i. #59: Eaton, Palm and Flagler: High Priority and High Criticality. Affected by 2025.
 - ii. #60 Atlantic Blvd. Lower priority. Not impacted until beyond 2035.

7. Key West Representation on Local and Regional Boards:

- Local Mitigation Strategy Team: Trained on Web EOC 2/10. Have suggested training calendar.
- SE FL Regional Climate Compact:

- i. The Compact was awarded \$225K for “Aiding Local Governments with Regionally Relevant Flood Thresholds and Predictions for Vulnerability Assessments”
 - ii. Approved Annual Workplan and Legislative Priorities. Great updates on new executive orders and Agency programs that should bring many grants.
 - iii. Helped to organize Youth Panel for 12/9 Summit; 2 Key West students presented. They have also submitted an abstract to present at National Adaptation Forum.
- 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. Negotiation meeting #1 was 1/24. All muni’s mtg Wood separately.
- ICLEI: Monthly Cohort Meetings: Will help us with Energy Plan and Green Infrastructure
 - i. Invited 2 Key West ambassadors to Sweden. Waiting for discussion/decision from CM.
- Sustainability Directors Network: Bi-Monthly Statewide Call. Leads on Parking Counter and Private Property Tree Planting Programs and Tree Cells.
- South FL Regional Planning Council:
 - i. See 6. Military Plans.
- South Florida Water Management District. Attended annual Everglades Goals workshop on water flow, nutrient loading and other .
- 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. Katie intends to have best final projects present to City.

6. Military Plans (Navy, Coast Guard and JIATF):

- Met with NASKW Liaison at Adapt Mtg 2/9 – Talked of Military Grant opportunities and types of grants they prefer: Infrastructure, Redundancy, Community, Environment.
- 2 Plans they especially liked were the BV Resilience Hub (which just lost funding) and Palm Ave Stormwater Upgrades. Palm will need a partner meeting quickly as there are many of them.
- Plan to convene workshop for collaboration by fall. (Perhaps wait until we both have VA’s?)
 - The entire south region of the military received a grant through the South Florida Regional Planning Council to do an Adaptation Readiness Survey. NAS-KW will be evaluated, and recommendations will occur 18 months from now: Aug 2023
- See *Upcoming Grants*

7. Explore Best Practices and International Policy and Academic Forums:

- Invited: ICLEI World Congress in Malmo, Sweden for two representatives.
- Attended: FL Resilience Conf Sept, FL Energy and Climate Summit, Living Shorelines Oct, Southeast and [Caribbean Disaster Resilience Partnership](#),
- Attending: Aspen Ideas Festival May, Gulf of Mexico Conf April, National Planning Association April, National Adaptation Forum Oct, Growing Sustainable Communities Oct, Energy Manager Training TBA.

8. State (and Federal) Plans:

- FDEP Quarterly Mtg 2/2
- FDEM Quarterly Meeting 3/8
- FDOT received Monroe County Transportation Master Plan
- FDEO:
- FEMA Flood Maps: No updates.
- Biden Infrastructure Package
 - i. [Biden EV Plan](#)

GOAL 5: Regulatory Measures – Land Use, Planning and Zoning.

1. **Comprehensive Plan Updates:** Part of Adaptation Chapters.
2. **Regulatory Plans for Adaptation:** Part of Adaptation Chapters. See Home Elevations (P2.G2.4)

Related SAB Goals

- 3) Adapt and Mitigate for Climate Change
 - a) Begin Adaptation Master Plan:

Adaptation Planning Team:

- 1) Next meeting: TBD. Pre Disaster Contracts. FY23 Budgets.
- 2) Last Meeting Recap:
 - 2/9 CIP Projects, PDRRP Workplan, Floodplain
 - Dec: Everything. Training, Loss of Floodplain Manager. BCEGS Recertification meeting.

PRIORITY 4: ENVIRONMENTAL PROTECTION

GOAL 1: Energy Efficiency and Resilience

1/31: Keys Energy updated as to progress on all goals.

1. **Energy Plan:** 10 Chapters Drafted. Will review next week. Presents to Commission in April.
2. **Energy Use Map:** Planned for Fall 22.
8. **Energy Efficiency in City Buildings:**
 - 2 Buildings chosen and undergoing evaluation.
 - Plan and Budget expected early March.
9. **LED Streetlights:**
 - List and Pricing done. Sent revised contract language to KES 2/23. Executive Summary drafted.
 - Aiming for same CC meeting as Energy Plan presentation.
10. **Adhere to Resolution 19-328 on Solar Energy:** Solar Evaluation Form, V1 is complete and in use.
6. **Waste To Energy:** JP Castro.
7. **Vehicle Electrification Readiness:** See below:
8. **Electric Charging Stations:** Duke Masters Student officially hired as free intern to create EV Plan.
 - Attended Keys Energy Board Workshop 2/9. Not promising.
 - May: Public Meeting. Done in June.

GOAL 2: Recycling and Composting

1. **Wastewater Sludge Composting:**
2. **Mandatory and Incentivized Recycling for Businesses:**
3. **Enforce Ban on Single Use Plastics:** ~~Convene Leadership Meeting~~
4. **Multi-Family Housing:**
5. **Requirement of Plans for Recycling in all Development and Redevelopment Initiatives:**
6. **“Love Your Island” Targeted PR Campaign for Schools/Youth:**
7. **Recycling Materials in City Infrastructure:**
 - Glassphalt and Glasscrete Workshop as LEED Forum?
8. **LEED Certification:** Will come as part of 10 Year Energy Plan goals. Spring 22.
 - Sought dates for LEED certification course for at least 3 employees.
9. **Green Procurement:** Winter 2023

Related SAB Priorities:

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 = FY23
 - Did Not Get: Glass Crusher to Appropriations Committee
- b) Continue to Evaluate Mt. Trashmore
 - Utilities Consultant presented WQ sampling findings at SAB 8/12.
 - FDEP presented WQ findings at SAB Jan.
 - SAB considering recommending sending to planning professionals for public opinion on ultimate use.
 - WQPP ad hoc group will recommend sampling design. See G5.10
- c) Other
 - Extension Service Sargassum compost project is complete, waiting for final composition data.

GOAL 3: Near Shore Waters

- 1. Sediment Separators on Outfalls:** See Upcoming Grants.
- 2. Education for City Tenants and Liveaboard Owners:** Solid Waste Coordinator
- 3. Water Quality Posting at City-Owned Beaches and on the City's Website:** Solid Waste Coordinator
- 4. Neighborhood Watch/Key West Connect:** Solid Waste Coordinator
- 5. Bags and Trash Pick Up for Liveaboards:** Solid Waste Coordinator
- 6. Evaluate Wastewater and Sewer Systems for Repair:** JP Castro
- 7. Dive for Debris:** Solid Waste Coordinator

GOAL 4: Water Efficiency and Resilience

- 1. Support Water Supply Plan:** See P2.G2.2
- 2. Update City Buildings:** Will budget for FY23.
- 3. Water Reuse Plan:** See P2.G2.2
- 4. Protect Water Supply:** See P2.G2.2

GOAL 5: Build Municipal Capacity, Accountability and Partnerships

- 1. Increase Street Cleaning Capacity:** Solid Waste Coordinator
- 2. Keep Key West Beautiful/Adopt a Spot:** Solid Waste Coordinator
- 3. Increase Littering Fines:** Solid Waste Coordinator
- 4. Department Checklists:** Solid Waste Coordinator
- 5. Training and Resources for Landscapers, Electricians, Contractors and Plumbers:** Solid Waste Coordinator
- 6. Lease Agreements:**
- 7. Clean Marinas:** Establish Plan w Bradshaw. Look for Funding.
- 8. Enforcement and Accountability Partnerships:**
- 9. Workshop on Green Businesses:**
- 10. Water Quality Protection Program:** Consult with experts to create Water Quality Plan for Key West
 - Joined Sanctuary's WQPP Steering Committee 12/15
 - Formed Ad Hoc Key West Water Quality Recommendations Team. Next mtg 2/11.
 - Monroe to update WQPP on Canal Work and Resiliency Initiatives. 3/7
 - Teamed with FDEP to load decade of back data to state database from marinas and outfalls.
 - Researching partnership grant with FDEP for floating marine debris collector for Historic Bight.
 - Linked Sailing Club with Extension Service's Water Watch program.
 - See Upcoming Grants

Non-Strategic Plan, Water Quality:

- Pursuing Fertilizer ordinance: Sponsors Johnston and Weekley. SAB 1/13. Tree Commission April. Planning Board March. City Commission April.
- Research FDEP Brownfields opportunities.
- College of the Florida Keys was awarded a grant to study the conditions of the cruise ship harbor. Will have them present to SAB.
- **Florida Keys National Marine Sanctuary:** Many funding opportunities in the Environmental Protection Realm. Revised Blueprint coming out soon.
- **Sunscreen:** Samples were taken over the summer of local waters.

Related SAB Goals

3) Adapt and Mitigate for Climate Change

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.

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)
 - Convened multi city private property tree planting cohort 2/22
- Reduce/Eliminate 2 stroke engine use
- Outreach program on sustainable yard maintenance (Workshop held Aug)
- Remove iguanas by all means possible

Non-Strategic, Environmental

- **Florida Keys Green Business Certification:** Somewhat included in Strategic Plan.
- **GM Mosquitos:** Passed. Phase one project over. Data being evaluated.
- **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.

PRIORITY 5: CLEANLINESS

GOAL 4: Improve Streetscapes

- 3. Streetlights:** See G4.G1.4 and Safety Enhancement Plan
- 5. Bike Racks:** See Multimodal Report
- 6. Signage:** Commercial Core Signage overhaul (Wilkins/TAF)

PRIORITY 6: TRAFFIC & PEDESTRIAN FRIENDLINESS

GOAL 1: Complete Streets: Ensure Safer and More Accessible Bike and Pedestrian Routes in accordance with Bike/Ped Master Plan.

See Multimodal Report

- 1. Wicker Bike Trail:** See Upcoming Grants.
- 2. Crosstown Greenway Phase II:**
- 3. Gap Closures on Trails: 2023.**
- 4. E-bikes, Scooters and Other Micro-Mobility Devices:**

5. **Additional Bike Racks:**
6. **Investigate Alternative Parking Layouts:**
7. **Sidewalk Repair:**
8. **Sidewalk Circulation Plans:** 2024 Grant Cycle
9. **Pedestrian Crossing and Intersection Enhancements:**
10. **Wayfinding:**
11. **Street Canopy:**
 - Implementation Plan Created. Funding Plan due Feb. FDACS Grant due Fall.
12. **“Share Street” Pilot in Old Town:**

GOAL 2: Improve Public Transit

1. **On Demand Transit Pilot:** On Hold. Applied for Innovation Grant.
2. **Maps at Bus Stops:** Part of Final Mile FDOT Grant. Fall 2022
3. **Lower Keys Shuttle:**
4. **WiFi:** Ready to turn on in LKS.
5. **Gain & Retain Bus Drivers (CDLS and Cutaway Drivers):**
 - Funding for Innovative Campaign. Hasn't begun.

GOAL 3: Parking Improvements

1. **Explore Additional Options:**
 - KWIC is undergoing feasibility study.
 - Rooftops design will seek funding in FY23
2. **Parking Garage App for Availability:** Hasn't begun. Fall 22
3. **Pay By Phone:** Done

GOAL 4: Reduce the Islands Carbon Footprint

1. **Mobility Study:** See Multimodal
2. **Explore additional E-vehicles for City Transportation:** See P4.G1.8
3. **Electric Buses:** See P4.G1.8
4. **Electric Charging Stations:** See P4.G1.8
5. **Public Information Efforts to Encourage Green Methods of Transportation:** PIO,
 - March Green Commute Challenge, April 4-10
6. **Policy and Code Changes:** Fall 2023
7. **Raise Parking Rates:** Complete.

Related SAB Goals:

1. **Less Cars on the Road** (Also See Multimodal Report)
 - a) Free & Frequent Buses: See *Strategic Plan P6.G2.1*
 - b) Create Revenue Source for Transit FY23
 - Infotainment passed on CC agenda 8/3. WiFi is next.
 - c) Continue to Implement Bike Ped Master Plan.

TCT/TAF: Next mtg: 2/23: Began Budget Brainstorming for Next Year

- Last Meeting: Dec: 20, 10am. Ranked Shared Roads/Reverse Angle ideas for Strategic Plan.
- **Florida Keys Transportation Coordination Committee:** Special Meeting 1/24 finalized Master Transportation Priority Recommendations.
- **FDOT TAP Grant:** CRA and Section 4(fs) completed. 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 and all have been received back. Have turned in Marathon's 6(f) letters and completed GIS map.

- **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.
- **Special Events Application:** Some parts missing from Transportation Recommendations.

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Grants:

Upcoming:

- **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.
- **RAISE.** Transportation. Due Summer.
- **DOD Defense Community Infrastructure Program (DCIP):** Preproposal due July. Final proposals due September. Will pursue Palm/Eaton Corridor for Stormwater and Electric Wire burial. Need to approach County and Perry Court.

Applied For:

- **FDOT Transportation Alternative Program:** Turned Wickers in 2/18.
- **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. First Site Visit 3/4.
- **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. Did not get.
 - ~~6th Street and Patterson Pump Station: \$5,918,206/\$7,491,400 (21%)~~

Active Grants:

- **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, working on federal procurement language.
 - **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 |
|------|-------|------|---|--------------|--------|--------------|------------|
| 402 | 38.0 | 4 | RFI - Harris & 10th Streets: Stormwater Improvements (Elizabeth) | \$ 2,703,996 | 58% | \$ 3,716,288 | \$ 0 |
| 402 | 30.4 | 10 | WON: Tide Valves and Outfall Improvements (Elizabeth) | \$ 3,099,159 | | \$ 2,989,189 | \$ 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 |

- **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. Am inquiring into County's Road Elevation HMGP project.
 - HMGP POIs met 2/1 to discuss expanded scope. Karen will request spalling be included. Updated LMS list shows Dennis/Venetia still underfunded, although we asked for Generator funds to go towards it. FDEM confirmed funds to go to D/V and requested official form for Tidal Valves.

| LM S | 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) | \$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 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.

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Sustainability Board

- **Next meeting:** Feb 10: New Students Ambassadors. Reviewing WQPP Priorities. Hawk Missile updates.
 - Jan: WQ Presentation and Discussion. PAAT update. Hawk Missile Site
- **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. Still needs heavy metal sampling.