

				TOP PRIORITY HAZARDS						
H-M-L priority for action over the Short or Long term (& Ongoing) V = Vulnerability S = Strength				Coastal Flooding from Storm Surge	Coastal Flooding from Sea Level Rise	Flooding from Heavy Rain Events	Wind/ Erosion	Top priorities:	Priority	Time
Features								1. CFP entrance 2. Mapping the neighborhood 3. Road flooding; education; septic; grants; generator at Community Hall	H - M - L	Short Long Ongoing

Infrastructural Assets	Location	Ownership	V or S	Details About this Feature	Potential Actions	Priority	Time
Community Hall	Anthony Road	CFPIA	S/V	<p>Strengths: Not flood-prone due to elevation. Provides demonstration for stormwater green infrastructure. Social aspect very strong (YMCA after school program, Zumba, Music program, art program). Provides a forum for communication and discussion of issues. Could serve as an emergency shelter (pets not allowed). <i>Note: there are different types of shelters, so the exact use must be identified and then it must be certified (done by Red Cross via the Emergency Manager)</i></p> <p>Vulnerabilities: Vulnerable to strong winds. In need of a generator (propane preferred), but expensive (quote acquired 5+ years ago was approximately \$14K). The specific needs of vulnerable community members are unknown.</p>	<ul style="list-style-type: none"> - Host educational events (and determine the topics, resources needed, etc.) - Enhance communication capabilities. - Propane generator (check on safety aspect for use in a shelter, get a new quote, write a grant proposal to purchase one, identify someone who could perform ongoing generator testing and maintenance) - Evaluate feasibility as an emergency shelter/warming center.- Evaluate how many CFP residents are CFPIA members (vs. nonmembers) to help support ongoing infrastructure improvements. 	High/Medium	Ongoing
CFP Entrance/Exit	Anthony Road/ Railroad Right of Way	RIDOT/Town/ National Grid	V	<p>Vulnerabilities: Low-lying area subject to flooding from rain events. Small drain can't handle the volume of floodwater/runoff. Too deep to drive through when flooded; evacuation concerns. CFP is isolated when entrance is blocked; emergency vehicles can't get through. One-way (increases vulnerability).</p>	<ul style="list-style-type: none"> - Design new plan (widen bridge/entrance point; make drivers stay in their lane; add a three-way stop (DONE); provide pedestrian access, street lights, mirrors to increase visibility; address drainage and collection basin issue (create retention and explore other options) - Evaluate whether a third access/egress point ((Attleboro Ave/golf course) is necessary/possible, especially for during emergencies (e.g. storm) - Conduct a meeting with all the parties to discuss concerns and plans. - enlist engineer to look at the tracks - install signage directing trucks to access road - find out if/when National Grid replaces wooden poles with larger metal ones (and if they can help in other ways with the flooding issue) <i>Note: CFP is not on the list for the wooden poles to be replaced this year (2019). Also, due to the water runoff from Anthony Rd. into the grassland at the entrance of CFP, it is now considered wetland. National Grid said that because it is a</i> 	High	Long

Infrastructural Assets	Location	Ownership	V or S	Details About this Feature	Potential Actions	Priority	Time
					wetland it is now a town issue. However, at some point in the future, the wooden poles (high tension wires) will be replaced with larger metal poles (where the "wetland" is located at the entrance to CFP). If the issue of drainage at the entrance to CFP has not been addressed, then this would be the time to pressure National Grid to fix the issue.		
Septic Systems	Low-Lying Areas	Private	V	Vulnerabilities: Over 600 systems; heavy rains result in flooding and foul smells. Concerns about the height of the water table (and continued rise due to sea level rise), the increase in pump outs, and the costs associated with change (\$15-\$20K to upgrade). Homeowners are on fixed incomes.	<ul style="list-style-type: none"> - Evaluate all sources/causes of septic-related flooding - Provide information and education (even town-wide) on septic vs. sewer pros & cons, cost-benefit, condition of water table - Identify laws/regulations - Outreach on benefits of regular pump-outs (particularly as hurricane season approaches) - Identify consequences of non-compliance (e.g., fines) - Evaluate costs to homeowners vs. the whole community (e.g., could be cheaper for individuals/residents to go in as a group) - Subsidize upgrade opportunities (e.g., low interest loans like RI Infrastructure Bank's Community Septic System Loan Program (CSSLP)- residents may borrow up to \$25,000) 	High	Short/Ongoing
VFW Hall	Anthony Road	Private	S	Strengths: Gathering place, supports diverse community and culture.	<ul style="list-style-type: none"> - Apply for grant funds for generator and other updates. - Develop educational events and products (e.g., pamphlet). - Evaluate suitability as a shelter. <i>Note: there are different types of shelters, so the exact use must be identified and then it must be certified (done by Red Cross via the Emergency Manager)</i> 	High/Medium	Ongoing
Streets	CFP Blvd, Others/All	Town	V	Vulnerabilities: Very small and narrow, many often flood. Vehicles (including emergency vehicles) must park on the road. Some residents are draining their sump pumps on to the road which then ice over in cold weather. The sea wall on CFP Blvd. is not as effective as it used to be due to rising water levels and erosion.	<ul style="list-style-type: none"> - Provide opportunities to learn about the factors contributing to road drainage issues. - Implement home assessment programs. - Monitor (and possibly restrict) the emptying of sump pumps. - Create (and continually evaluate) an action plan. - Contact Department of Public Works to discuss concerns. 	High	Short/Ongoing
Taylor Point ROW	Taylor Point, CFP Blvd	Town?/DEM?/CFPIA?	V/S	Strengths: Coastal access point for CFP. Vulnerabilities: The area is getting "pocked" from people parking on the edge and breaking up the tar. Trash. Taylor Point wetland is manmade and not maintained (used to be dry land but is now a salt marsh due to rising water levels). Collection point for debris/pollution for upriver.			

Marina	Two Locations	Private	S	<p>Strengths: Support for emergency access, has a hurricane preparedness plan, replaced below-ground storage tanks with above-ground storage tanks.</p> <p>Vulnerabilities: if it gets flooded, they can't transport/move people. Boat ramps could be affected by altered water flow and erosion or sediment deposit due to the collapse of the old stone bridge in Island Park. Fuel spillage and debris (boat storage materials (wrap, etc.) originating from Marina seen in the basin and along the breakwall).</p>	- Marina to remove debris on a regular basis		
CF Blvd/Foxboro	CF Blvd and Foxboro	Town	V	<p>Vulnerabilities: Floods often; trenches are dug which seems to make things worse.</p>	- Discuss with Public Works the concept, and effectiveness/limitations, of trenches in this area		
Infrastructural Assets	Location	Ownership	V or S	Details About this Feature	Potential Actions	Priority	Time
Under Bridge (to get to Rte. 24)	Anthony Road	Town	V	<p>Vulnerabilities: Subject to flooding; may present evacuation concerns.</p>			
Old Stone Bridge	Island Park	State of RI	V	<p>Vulnerabilities: It is collapsing, which may affect the flow of water and cause damage to the marina. Tiverton side has been repaired and upgraded; State funding has been slated for repair of the Portsmouth side.</p>	<p><i>Note: March 22, 2019 a large piece of the Old Stone Bridge fell into the Sakonnet River on the Portsmouth, RI side. Due to the erosion of this bridge, RIDOT deemed this a "class-one emergency." However, as of July 25, 2019 (within 4 months) this large project was "finished" according to DOT. The town of Portsmouth is planning on going to the State House to override DOT's "finished" statement due to DOT not completing the structural soundness and safety of this bridge which would impact CFP residents living along the Sakonnet River.</i></p>		
Potable Water Supply		Town		How and where does it come in to CFP? From Fall River/Tiverton?	- Disseminate information (from Town Water Department; Ray Perry is also a resource).		
Residential Structures	CFP Neighborhoods	Private	S/V	<p>Strengths: Strong sense of community; people check in on their neighbors.</p> <p>Vulnerabilities: Low-lying houses are at risk of flooding. Mold concerns. The high density of houses results in increased potential for fire damage (along with outdated electrical systems in older homes). Many homes don't have generators; concerns about propane in low-lying areas (subject to flooding)- trucks can't get in to refill/deliver. Concern about tie-down of tanks. Solar panels, shingles, siding, etc. susceptible to wind damage (while many residents may have flood insurance, they may not be covered for wind damage). Building standards may not take Category IV or V-force winds into consideration. Residents may be liable for damage to neighbors' houses from debris. Seasonal residents may not take care of property.</p>	<ul style="list-style-type: none"> - Identify which households have generators. - Implement home assessment programs. - Investigate FEMA recommendation of 30 feet of cleared space between houses to prevent the spread of fire (there's currently much less than that in CFP, with old trees and propane tanks adding to the fuel supply in these spaces) 		

Baseball/Recreational Field (Thomas F. Kennedy Memorial Field)	Across from Community Hall	CFPIA	V	Vulnerabilities: Floods often. Potential for future salt marsh, storm/flood water capture.	- relocate to higher ground within the field		
Golf Course		Private	S	Strengths: Lower-lying than adjacent properties so floodwaters collect there (sediment was removed from the golf course to be used in the construction of the Newport bridge). Restaurant. Vulnerabilities: Potential herbicide use. Located on land that could potentially be used for a third exit.	- Evaluate if there are alternative options, to include both mitigation and operational/behavioral, in case of CFP evacuation.		
CFP Public Access ROW (to the shore & community beach)		Mount View/ "The Point"	V	Vulnerabilities: Erosion, trash from visitors.			
Convenience Store		Private	S/V	Strengths: Only store in neighborhood. Vulnerabilities: Storms and it might be forced to close if no one uses it.			
Societal Assets	Location	Ownership	V or S	Details About this Feature	Actions	Priority	Time
Communications (sign, email, e-newsletter, Facebook, etc.)	All	n/a	S/V	Strengths: A lot of communication takes place. Vulnerabilities: No single point of contact for information sharing. Need even more communication and publicity (e.g., signage re. where to park during storms). Concern that evacuation orders won't be taken seriously (e.g., very few people left during Superstorm Sandy). Not enough focus on pollution (especially cigarette butts)	- Create a directory/communication tree. - Develop an alert system (e.g., e-mail, Facebook, texts, signs). - Survey residents (where do they get information? what are their skills/background? what are their needs?) - Host events (e.g., open house/soft launch) and increase publicity. - Identify programs (e.g., Game Nights) for teens (link with sports, YMCA; coordinate radio program with schools and community service opportunities). - Community text program through URI - National Weather Service mock evacuation exercise - Hurrevac	Medium	Ongoing
Medical Services Access	All		V	Vulnerabilities: Nowhere within CFP to get medications-many come by mail.	- Evaluate feasibility of transforming the old State DPW building on Anthony Rd into a firehouse for CFP (<i>NOTE: this is on the Town's radar, but they're looking at a different building (they prefer Town vs. State-owned)</i>)		
Elderly/Special Needs	All	Private	V	Vulnerabilities: Especially if the power goes out (e.g., no power for electrical medical needs). There isn't anywhere to obtain medications within the community (most come through the mail or outside of the community in some other way). Concerns about evacuation procedure. There is only one convenience store within CFP (food concerns).	- Identify isolated/vulnerable residents and their needs (e.g., by conducting "Map My Neighborhood" events). - Complete/update Special Needs Registration. - Make sure people adhere to FEMA's preparedness guidelines for medications and other aspects of personal readiness (if medications are available for 84 hours, emergency medications can usually be surged in)	Medium	Ongoing
Pets	All	Private	V	Vulnerabilities: Can't bring to Town evacuation shelter.			

Children	All	Private	V	Vulnerabilities: Concern about evacuation and the potential need to shelter in place.		Medium	Ongoing
Grant Writer	All	Individual	S/V	Strengths: Conley Zani & Sue Farrier (Sue is not a CFP resident but helped write grants for CFP) Vulnerabilities: No one else knows how to locate or write appropriate grants	- Obtain funding for the education and training of more grant writers. - Invite RI Foundation to CFP for a grant writing workshop (e.g., https://web.uri.edu/ceps/programs/certificate-programs/professional-development/ , www.nonprofitready.org/grant-writing-classes)	High	Short/ Ongoing
Community Events	CFPIA hall, park	CFPIA	S	Strengths: Social gatherings (e.g., holiday events, movie nights, Food Truck Wednesdays).			
Sportsman Club	Sakonnet Dr	Private	S	Strengths: Hosts community events. CFPIA Trustees are involved.			
Tourists/Visitors	Beach Access Areas	Individual	V	Vulnerabilities: Trash, traffic, erosion.			
"The Rock"		Off shoreline of CFP Blvd.	S	Strengths: Used for recreation (kids jump off of it) and as a "tide gauge."			
Environmental Assets	Location	Ownership	V or S	Details About this Feature	Actions	Priority	Time
Bedrock Ledge	Summit area	Private	V	Concerns re. drainage (septic, etc.) downslope.			
Shoreline	Common Fence Blvd/ Mount View	Town/CFPIA?/ Private	S/V	Strengths: Many. Vulnerabilities: Foot traffic has eroded the minimal amount of marsh left. Rocks were brought in to one area to combat erosion from the forces of the Bay. Wind and flooding (from Nor'easters, for example) threaten Common Fence Blvd., near Mount View, etc. Natural collection point for debris/pollution from towns north of Mt. Hope Bay.	- Evaluate protection needs. - Conduct a cost-benefit analysis. - Update Comprehensive Plan and/or Hazard Mitigation Plan - Explore potential to move homes or for residents to relocate pre and post events (i.e., land swaps) - Conduct a feasibility study (garden drainage, ditches, reduce filling of vulnerable areas, parking enforcement on vulnerable shoreline areas, etc.)	High	Short
Phragmites/Invasive Reeds	Mainly the pond at the playground; also some at larger pond at the end of Hope Ave	n/a	V	Vulnerabilities: Chokes out native vegetation. Very difficult and expensive to get rid of (residents didn't want goats). Has successfully been treated on one property.	- Identify what CFP is allowed to do. - Educate residents on pros and cons of Phragmites. - Eradicate/restore in certain areas.	Medium/ Low	Ongoing
Soil			S	Strengths: Very permeable sand/gravel- good for septic systems.			
Salt Marsh, Freshwater Ponds (2)	Common Fence Blvd/ Anthony Road & end of Hope Ave	CFPIA or Town?	S/V	Strengths: Offer functions and values (e.g., wildlife, recreation); part of CFP's character. Vulnerabilities: Affected by Phragmites. Poor drainage results in standing water that becomes stagnant and breeds mosquitoes. Collection point for debris/pollution from up river (or streets).	- Clean ponds and surroundings to avoid drowning and wildlife concerns.	Medium	Ongoing

Trees/Vegetation	Along streets		S/V	<p>Strengths: Attractive and helps prevent erosion.</p> <p>Vulnerabilities: Blocks some people's view (one tree was girdled). Not maintained. Protection from wind is lost if they're cut down.</p>	- Work with RI CRMC/DEM on recommendations for "best" shoreline vegetation to prevent erosion		
Scenic Coastal View			S/V	<p>Strength: Neighborhood character. Great selling feature. Beautiful.</p> <p>Vulnerabilities: Trees get removed in order to enhance view, further weakening wind and erosion protection.</p>			