

Cocoa Sustainability Draft Plan - 2-3-2020

Built Environment - Achieve Livability, Choice, and Access for All Where People Live, Work, and Play.								
STAR Objective	Initiative	Local Action/Investment	Condition Level Outcome	Time Period	Ease/Cost	Importance	Priority	City Champion/Point of Contact
BE-1: Ambient Noise & Light: Minimize and manage ambient noise and light levels to protect public health and the integrity of ecological systems.	Reduce excessive noise and light trespass that adversely impact residents and local wildlife	Study noise (noise level monitoring) and light trespass of new development/improvements in Cocoa Waterfront Master Plan for Riverfront Park, Lee Wenner Park, Taylor Park, and adjacent lands	New development/improvements should have minimal noise and light pollution	Before Riverfront Park Promenade improvements bid announced on 12/2/2019	TDB		1	Cocoa CRA, Office of Economic Development, (321) 433-8509, business@cocoafl.org; Charlene Neuterman, Deputy Community Services Director ; City of Cocoa Public Works, Capital Projects Division, Gary Palmer, Capital Projects Division Manager, (321) 433-8770, gpalmer@cocoafl.org
BE-1: Ambient Noise & Light: Minimize and manage ambient noise and light levels to protect public health and the integrity of ecological systems.	Protect views of the night sky without compromising pedestrian safety	Reduce misdirected (upward, outward) light emissions caused by street lighting	Update municipal street lighting to fully shielded and downward facing to reduce sky glow along bridges and roadways; install motion sensitive lighting; use warm-white lighting rather than LED bluish-white and yellow	12/31/2020	TDB		2	City of Cocoa Public Works Department, Street Division, Abigail Diaz, Streets Division Manager, (321) 433-8771, adiaz@cocoafl.org; FPL Street Lighting Program
BE-1: Ambient Noise & Light: Minimize and manage ambient noise and light levels to protect public health and the integrity of ecological systems.	Technical study on effects of development and deployment of 5G technology	Minimize ambient noise and any harmful effects of increased higher frequencies in more abundant and close proximity to humans and wildlife	Review study findings and host public comment opportunity before city enters into future 5G technology contracts	12/31/2020	TDB		1	Unbiased independent third party technical research group
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Improve resilience of City of Cocoa Utilities water supply and water collection services	Perform routine scheduled maintenance on water supply infrastructure; take inventory of status of entire system infrastructure/identify aging infrastructure; perform repair/replacement of aging infrastructure; establish public reporting policy requirements.	Regularly monitor and upgrade infrastructure to prevent leaks, breaks in the system to ensure clean and secure water supply for all customers	12/31/2020	State and local funds, grants, revenue from customer base		On-going	City of Cocoa Utilities Department, Jack Walsh, Utilities Director, (321) 433-8400, jwalsh@cocoafl.org; Don Downs, Conservation/Public Relations Officer, (321) 433-8705, ddowns@cocoafl.org
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Improve resilience of City of Cocoa Utilities water supply and water collection services	Upgrade and improve stormwater, wastewater, and reclaimed water treatment facilities	Assess current status of all existing facilities; compile list of anticipated improvements and their calculated costs	12/31/2020	State and local funds, grants, revenue from customer base		1	City of Cocoa Stormwater Division: Abigail Diaz, Stormwater Manager, (321) 433-8770, adiaz@cocoafl.org; Wastewater Reclamation: Jerry Sellers Water Reclamation Facility, Superintendent, Frank Palmieri, (321) 433-8739, fpalmieri@cocoafl.org
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Improve resilience of City of Cocoa Utilities water supply and water collection services	Identify dedicated revenue streams to bring aging infrastructure critical to water supply to a state of good repair	Dedicate a city employee to administrative task of identifying sources of dedicated revenue streams	12/31/2020	No cost if duties and responsibilities assigned to city staff (Grant Writer)		1	City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Improve resilience of City of Cocoa Utilities water supply and water collection services	Develop contingency plan in the event of water conflicts due to demand for water resources and potable water exceeding supply, or control over access and allocation of water being disputed	Contingency plan in place with assistance of a municipal risk management company	12/30/2021	TBD		2	Municipal risk management company

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BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Improve resilience of City of Cocoa Utilities water supply and water collection services	Establish new water resilience framework in city's departments specialized in planning and addressing water resilience needs	Establish Water Resilience Department within the City of Cocoa	12/31/2010	TBD		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Demonstrate commitment to local government transparency and public access to water monitoring data	Increase frequency of Annual Water Quality Report/Consumer Confidence Report (CCR) for community water supply system	Publish water quality report quarterly rather than annually; In addition to posting on city website, provide printed hardcopies at Customer Service for customers, upon request	12/31/2020	TBD		2	City of Cocoa Utilities Department, Jack Walsh, Utilities Director, (321) 433-8400, jwalsh@cocoafl.org; Don Downs, Conservation/Public Relations Officer, (321) 433-8705, ddowns@cocoafl.org
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Develop Emergency Water Plan	Improve city's capacity to respond to crisis by ensuring access to an alternative drinking water supply to residents, especially low-income and vulnerable residents	Implementation by vendor contract - other recommendations included in EPA's June 2011 publication on Planning for an Emergency Drinking Water Supply	12/31/2019	TBD		1	City of Cocoa Emergency Management (EM) Division - City of Cocoa Fire Department, (321) 639-7613 - Fire Chief, Jonathan Lamm, (321) 639-7610/jlamm@cocoafl.org; City of Cocoa City Manager, John Titkanich, (321) 433-8737/jtitkanich@cocoafl.org
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Develop Emergency Water Plan	Design and implement a strong emergency preparedness campaign for residences	Survey residences; multiple or one-time mailing (one-pager or pamphlet) to Cocoa water customers along with their monthly bill, or all residences; make hardcopy checklists available for customers at Customer Service; post campaign on city website and 1x week on city social media outlets	Months leading up to 6/1/2020 (Hurricane Season)	Design, printing and mailing costs		1	City of Cocoa Utilities Department, Jack Walsh, Utilities Director, (321) 433-8400, jwalsh@cocoafl.org; Don Downs, Conservation/Public Relations Officer, (321) 433-8705, ddowns@cocoafl.org; City Manager's Assistant/Public Relations Specialist, Samantha Senger, (321) 433-8685, ssenger@cocoafl.org
BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Promote and educate residences on water conservation methods	Design and implement City of Cocoa water conservation program and campaign for residences	Become an EPA WaterSense partner by 2021; survey residences, establish community outreach program on BMPs for reducing consumption; disseminate free collateral and media materials given to partners (e.g., public service announcements, fact sheets, brochures, press releases, water-efficiency messages for utility providers, campaigns such as "Fix a Leak Week"; post campaign on city website and 1x week on city social media outlets ("Water Wednesday"); educate residences on Florida Friendly Landscaping (FFL) Programs (UF/IFAS), Xeriscaping lawn practices with goal of all municipal buildings to employ Xeriscaping or alternative low-water lawn practices by 2022 and at least 1/3 of city residential lawns being certified through the KBB Lagoon Friendly Lawn Program by 2027	12/31/2021	Design, printing and mailing costs		2	City of Cocoa Utilities Department, Jack Walsh, Utilities Director, (321) 433-8400, jwalsh@cocoafl.org; Don Downs, Conservation/Public Relations Officer, (321) 433-8705, ddowns@cocoafl.org; City Manager's Assistant/Public Relations Specialist, Samantha Senger, (321) 433-8685, ssenger@cocoafl.org; U.S. Environmental Protection Agency (EPA) WaterSense Program, 1-866-987-7367; Keep Brevard Beautiful (KBB) Lagoon Friendly Lawn Program, Kaytlyn Palmer, Environmental Programs Coordinator, bkaylynpalmerkbb@gmail.com

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BE-2: Community Water Systems: Provide a clean and secure water supply for all local users through the management of potable water, wastewater, stormwater, and other piped infrastructure.	Promote and educate residences on water conservation methods	Incentivize residences for practicing water conservation	Offer water customers rebates for purchases of WaterSense products-such as water-efficient toilets, showerheads, and faucets-as well as water conservation services; rate-payer funded rebate programs that reimburse residents and businesses for purchasing more water-conserving appliances and systems; strong campaign to promote city programs already in existence.	12/21/2021	TBD		2	Don Downs, Conservation/Public Relations Officer, (321) 433-8705, ddowns@cocoafl.org; City Manager's Assistant/Public Relations Specialist, Samantha Senger, (321) 433-8685, ssenger@cocoafl.org
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Sustainable design and development	Design and implement a pilot Sustainable Design Scorecard for residential and non-residential at the planning and permitting stage, a sustainable design assessment tool used to evaluate new buildings or alterations against set sustainable design benchmarks: Energy/Water Efficiency; Thermal Comfort; Overall Environmental Sustainability Performance, to create a more sustainable city.	Assess and improve sustainability of single residence homes, townhouse developments, apartment buildings, and large, non-residential mixed-use developments	12/31/2020	TBD		1	City of Cocoa Planning & Zoning Department - Dodie Selig, Planning & Zoning Manager, (321) 433-8510 - Angela Essing, Senior Planner, (321) 433-8522; City of Cocoa Building & Permitting Department (321) 433-8502
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Assess future public transportation accessibility and safety needs	Take inventory of all modes of public transportation within city; request design plans for future transportation modes (i.e., Virgin Trains USA/Brightline and FDOT D5 specific to development in City of Cocoa); assess potential public safety issues with public input; take measures at city-level to address issues/concerns	Host future of transportation public forum at Cocoa Civic Center	12/1/2020	N/A		1	City Manager's Assistant/Public Relations Specialist, Samantha Senger, (321) 433-8685, ssenger@cocoafl.org; Virgin Trains USA (Brightline) VP, Government Relations, Rusty Roberts, 407-825-6234; FDOT D5, Government Liaison Administrator, Anna Taylor, (386) 943-5499, Anna.Taylor@dot.state.fl.us
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Promote pedestrian-scaled, mixed-use development in high-density areas that support public transit	Improve safety and connectivity for pedestrians on and along S.R. 520, Cocoa Village	Work together with FDOT D5 to reduce speed on S.R. 520 east of U.S. 1; work together with Cocoa PD to enforce	12/31/2020	TBD		1	FDOT D5, Government Liaison Administrator, Anna Taylor, (386) 943-5499, Anna.Taylor@dot.state.fl.us; City of Cocoa PD, (321) 639-7620
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Promote pedestrian-scaled, mixed-use development in high-density areas that support public transit	Enhance wayfinding signage for Cocoa Village on S.R. 520 & Brevard Avenue	Work together with FDOT D5 to request wayfinding signage along S.R. 520	12/31/2021	FDOT covers wayfinding signage expenses along SR 520 in compliance with FAC 14-51		2	FDOT D5, Government Liaison Administrator, Anna Taylor, (386) 943-5499, Anna.Taylor@dot.state.fl.us; Douglas Towson, Traffic Engineer, (386) 943-5311, Doug.Towson@dot.state.fl.us

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BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Promote pedestrian-scaled, mixed-use development in high-density areas that support public transit	Revitalize older commercial districts and historic downtown and encourage economic development by 2025	Prioritize Barton Business District on Fiske and Barton Boulevards, along US-1 and 520 corridors; adopt ordinances as necessary	12/31/2025	State and local funds, Florida Main Street Grant, other grants		2	Cocoa Village Main Street, Executive Director, Allan Chapman, (321) 631-9075; Division of Historical Resources, Florida Department of State, Florida Main Street, (850) 245-6345; Main Street America, (312) 610-5613
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Promote pedestrian-scaled, mixed-use development in high-density areas that support public transit	Promote safe pedestrianization in Historic Cocoa Village	Marked and lighted crosswalks every 100 feet on pedestrian streets, at midblock locations	12/31/2020	State and local funds, Florida Main Street Grant, other grants		1	City of Cocoa Public Works Department, Street Division, Abigail Diaz, Streets Division Manager, (321) 433-8771, adiaz@cocoafl.org
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Promote pedestrian-scaled, mixed-use development in high-density areas that support public transit	Promote safe pedestrianization at corner radiuses throughout the city	Repaint marked crosswalks that are worn away (i.e., corner radius of Barton and Fiske Boulevards); add stop here for pedestrians signage in advance of a marked crosswalks that cross an uncontrolled multi-lane approach in busier areas with more pedestrian traffic	12/31/2020	State and local funds, other		1	City of Cocoa Public Works Department, Street Division, Abigail Diaz, Streets Division Manager, (321) 433-8771, adiaz@cocoafl.org
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Promote pedestrian-scaled, mixed-use development in high-density areas that support public transit	Study and identify any areas where bus stop locations cause dangerous conditions due to disruption in traffic flow, could be relocated	Survey traffic conditions during bus service at bus stop located at SR 520 & Brevard Avenue (SW Corner)	12/31/2020	TBD		1	Space Coast Area Transit (SCAT), Transit Director, Scott Nelson, 321-635-7815; Space Coast Transportation Planning Organization (TPO), (321) 690-6890, tpostaff@spacecoasttpo.com
BE-3: Compact & Complete Communities: Concentrate development in compact, human-scaled, walkable centers and neighborhoods that connect to public transit, offer diverse uses and services, and provide housing options for families of all income levels.	Promote pedestrian-scaled, mixed-use development in high-density areas that support public transit	Enhance the experience of bus passengers and passers-by at citywide bus stops	Addition of solar-lighted shelters, benches, area maps, native plantings and/or artwork	12/31/2021	State and local funds, grants		2	City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; Space Coast Transportation Planning Organization (TPO), (321) 690-6890, tpostaff@spacecoasttpo.com
BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Encourage affordable housing through local zoning reforms	Adopt an inclusionary zoning ordinance for income-eligible households to access affordable housing, support mixed-income housing development	Create a city Inclusionary Housing Program; Consider inclusionary zoning provisions to require developments of 10 or more units to allocate 20% of residential floor area for low-and moderate-income tenants or moderate-and middle-income homebuyers; retain an economic consultant to prepare a feasibility study	12/31/2022	Cost of feasibility study		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; independent third-party economic consultant; City of Cocoa Planning & Zoning, (321) 433-8535; City of Cocoa Building & Permitting (321) 433-8502

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BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Encourage affordable housing through local zoning reforms	Offer fee waivers or tax abatements to builders who voluntarily agree to include affordable housing units in their projects	Create as standalone program independent of local inclusionary housing program to incentivize developers for voluntary provision of affordable units or to reduce the burden on otherwise subsidized affordable housing developments	12/31/2022	TBD		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Planning & Zoning, (321) 433-8535; City of Cocoa Building & Permitting (321) 433-8502
BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Encourage affordable housing through local zoning reforms	Reduce regulatory burdens of development to reduce the cost to developers	Review all specific zoning rules and regulations applicable to development in the City of Cocoa, identify regulations that can be waived to produce cost-savings for low-income housing developers and make it easier to navigate the city's building processes	12/31/2022	No fiscal impact		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Planning & Zoning, (321) 433-8535; City of Cocoa Building & Permitting (321) 433-8502
BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Encourage affordable housing through local zoning reforms	Expedite processing of projects with an affordable and workforce housing component in zoning, planning, and building permit processing	Faster processing reduces risk and financing costs and allows developers to bring projects to the market faster	12/31/2022	No fiscal impact		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Planning & Zoning, (321) 433-8535; City of Cocoa Building & Permitting (321) 433-8502
BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Encourage affordable housing through local zoning reforms	Offer density bonuses to incentivize the production of affordable and workforce housing near transit stations in exchange for increases in allowable dwelling units per acre (DU/A), Floor Area Ratio (FAR) or height	Consider a program 10-20% over baseline permitted density in exchange for the provision of affordable housing in transit-served areas	12/31/2022	No fiscal impact		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Planning & Zoning, (321) 433-8535; City of Cocoa Building & Permitting (321) 433-8502
BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Encourage affordable housing through local zoning reforms	Establish an Affordable Housing Trust/Fund with the mission of expanding and protecting affordable housing opportunities in City of Cocoa, serving as both a policy advisory board and a loan committee meeting monthly to review proposals for new housing preservation and development efforts	Create board that includes experts in housing policy, finance, development, design, and advocacy; receive ongoing dedicated sources of public funding to support the preservation and production of affordable housing through the acquisition, new construction, reconstruction, and/or rehabilitation of decent housing with suitable amenities	12/31/2022	Federal, state and local funds, grants, other		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org
BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Collaborate to identify city-level solutions to the affordable housing crisis	Partner with local nonprofits with mission of housing affordability	Attract and use diversified funding sources to sustain an economically diverse housing stock, important for local labor markets to function and for family and community well-being	12/31/2022	Federal, state and local funds, private funds, grants		1	State and county elected officials, United way of Brevard (2-1-1 Brevard) for a listing of nonprofits

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BE-4: Housing Affordability: Measures location efficiency through the combined costs of housing and transportation and encourages affordable housing in areas where transportation costs are already low due to public transit accessibility.	Collaborate to identify city-level solutions to the affordable housing crisis	Collaborate with other jurisdictions to address affordable housing and location efficiency needs in the region	Set up meetings, attend forums to discuss needs and solutions that have worked for other similar areas, implement findings	12/31/2022	No fiscal impact		1	Surrounding cities, counties, other states
BE-5: Infill & Redevelopment: Analyzes redevelopment and the condition of public infrastructure to encourage efficient use and reuse of land.	Encourage efficient land use and reuse through local land use planning and zoning reforms	Utilize land assembly to consolidate small pieces of land into larger plots in infill areas with the goal of repurposing underutilized areas to their fullest potential by 2025	Survey and identify small pieces of land that makes good prospects for land assembly	12/30/2025	TBD		2	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Planning & Zoning, (321) 433-8535
BE-5: Infill & Redevelopment: Analyzes redevelopment and the condition of public infrastructure to encourage efficient use and reuse of land.	Encourage efficient land use and reuse through local land use planning and zoning reforms	Focus growth and development in infill areas to reduce urban sprawl and interference with the environmental, economic and aesthetic value of natural resource land	Demonstrate the city's commitment to preserve the environmental, economic and aesthetic value of natural resource land over overdevelopment	On-going	TBD		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Planning & Zoning, (321) 433-8535
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Create an ample supply of green spaces designed to encourage consistent active and passive use	Create a system of well-used and maintained public green space--parks, allotments, community gardens, strays, commons-- that feature equitable, convenient access for residents throughout the community	Demonstrate that residential properties are located within a 1/2-mile walking distance of public green space based on population density as follows: High or Intermediate-High: 85% or greater, Intermediate-Low or Low: 70% or greater	12/31/2020	TBD		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Develop a better understanding of the economic value of public green space and its relationship with property value, culture, community involvement, perceptions health and well-being, and neighborhood satisfaction	Incorporate findings in promoting use of public green spaces	Findings will develop better appreciation of green space by the city and it's residents	12/31/2021	No fiscal impact		1	City of Cocoa Leisure Services, (321) 639-3500, leisureservices@cocoafl.org; City Manager's Assistant/Public Relations Specialist, Samantha Senger, (321) 433-8685, ssenger@cocoafl.org
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Promote, protect and preserve public green spaces	Develop an effective campaign to create public consciousness of communal ownership of green space and encourage active use, i.e., social media video ads; radio ads during summer months (end of May-end of July); hardcopy brochures dispersed throughout municipal buildings and public locations	Video ads to promote increased knowledge/use of available green space and city resources by viewers	12/31/2020	TBD		1	City of Cocoa Leisure Services, (321) 639-3500, leisureservices@cocoafl.org; City Manager's Assistant/Public Relations Specialist, Samantha Senger, (321) 433-8685, ssenger@cocoafl.org

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BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Promote, protect and preserve public green spaces	Adopt site design guidelines for new public green space and improvements to existing facilities to strengthen environmental benefits and provide visitor amenities	Design guidelines specific to type of green space and improvements prioritized by need	12/31/2020	State and local funds, grants, other		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Parks (321) 639-3500; Brevard County Parks & Recreation (321) 633-1874
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Promote, protect and preserve public green spaces	Work with stakeholders to ensure equal access to adequately maintained public parks, green space and facilities	Ensure consistent quantity and quality of active and passive public green space in underserved, low-income areas, i.e., Diamond Square CRA, as compared to other areas in City of Cocoa	Immediate	State and local funds, grants, other		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Parks (321) 639-3500; Brevard County Parks & Recreation (321) 633-1874; Diamond Square CRA (321) 433-8525
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Promote, protect and preserve public green spaces		<u>Provost Park areas to improve:</u> Pavilions lack picnic tables, park lacks benches, water fountain out of order, sign has been posted indicating that restrooms are closed at 2 p.m. and are locked earlier than 2 p.m., despite park's operating hours of dawn to dusk, soccer goal net destroyed; lack in addressing congregation of homelessness					
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Promote, protect and preserve public green spaces		<u>Carl E. Anderson Park areas to improve:</u> Picnic tables under pavilion require bench replacement or repair, no water fountain, no restroom					
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Promote, protect and preserve public green spaces	Consistently invest sufficient capital and operational funding to create and maintain public green space	Identify dedicated sources of funding for on-going maintenance and repairs to ensure quality	12/31/2020	State and local funds, grant, other		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Parks (321) 639-3500; Brevard County Parks & Recreation (321) 633-1874

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BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Promote, protect and preserve public green spaces	Hire Cocoa Parks Director (rather than Cocoa Parks listed under Leisure Services)	To effectively oversee and manage the day-to-day operations and maintenance needs of the city's parks, it requires a standalone position, rather than placing additional responsibilities on Leisure Services, whose main function is programming and special events	12/31/2019	TBD		1	City of Cocoa City Council; City Manager, John Titkanich, (321) 433-8737, jtitkanich@cocoafl.org; City of Cocoa Parks (321) 639-3500; Brevard County Parks & Recreation (321) 633-1874
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Demonstrate city support of public green spaces through it's promotion of various activities	Collaborate to host more programming of activities and events in public green spaces that bring the community together and encourage physical activity and better health	Increase public green space activity and usage over the next 3 years by 50%	12/31/2023	State and local funds, grant, other		2	City of Cocoa Leisure Services, (321) 639-3500, leisureservices@cocoafl.org; City Manager's Assistant/Public Relations Specialist, Samantha Senger, (321) 433-8685, ssenger@cocoafl.org
BE-6: Public Parkland: Promotes accessibility to abundant, well-designed parks and greenways.	Pursue historic preservation opportunities in underrepresented communities within City of Cocoa	Inventory possible designation of historic properties that are associated with communities currently underrepresented in the National Register of Historic Places and among National Historic Landmarks	Submit new nomination to the National Register of Historic Places or National Historic Landmark program, or an amendment to an existing National Register or National Historic Landmark nomination to include underrepresented community(ies) within 1 year of the grant	Grant deadline 11:59 p.m. 12/17/2019	Historic Preservation Fund Grants to Underrepresented Communities (P20AS00003), https://www.grants.gov/web/grants/view-opportunity.html?oppId=321200		1	U.S. Department of the Interior, National Park Service, Grants Management Specialist, Seth Tinkham, (202) 354-2020, stlpg@nps.gov (email preferred)

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STAR Objective	Initiative	Local Action/Investment	Condition Level Outcome	Time Period	Ease/Cost	Importance	Priority	City Champion/Point of Contact
Equity and Empowerment - Ensure Equity Inclusion and Access to Opportunity for all Residents.								
EE-1: Civic Engagement: Facilitate inclusive civic engagement through the empowerment of all community members to participate in local decision making.	1. Compile an inventory of regional sustainability resources to include citizens groups and organizations. The resources document will serve the needs of both sustainability groups and members of the Cocoa community.	1. Complete compilation of sustainability resources document. 2. Review and update sustainability resources document annually.	1. Distribute sustainability resources document to at least 50 organizations or businesses. 2. Post the resources document on the City of Cocoa website		Designate committee members to work on the project and develop timeline.			Sustainability Committee 2-1-1 Brevard
EE-1: Civic Engagement: Facilitate inclusive civic engagement through the empowerment of all community members to participate in local decision making.	2. Improve communication by making sure that City of Cocoa residents have access to digital billboards similar to the one on US1. (Suggested by SAC members).	1. Monitor content of digital billboards placed on US 1 by the intersection of 520, outside the Cocoa Police Department building and on 520 and by the fire station on Clearlake Road 524. 2. Monitor instillation of new billboard planned for Michigan Avenue.	Monitor progress of instillation of electronic billboard on Michigan Ave.		Designate committee members to monitor bill boards in different locations.			City of Cocoa Public Relations/Information Technology
EE-1: Civic Engagement: Facilitate inclusive civic engagement through the empowerment of all community members to participate in local decision making.	3. Improve communication by Increasing use of the City of Cocoa website and FB page. (Suggested by SAC members).	Monitor the usage of the City of Cocoa's website and FB page.	Develop a plan to publicize and increase usage of the website and FB page by 10% over 3 years.		Will require assistance from City Staff members			City of Cocoa Information Technology/Samantha
EE-1: Civic Engagement: Facilitate inclusive civic engagement through the empowerment of all community members to participate in local decision making.	4. Promote participation in district townhall meetings and Neighborhood Watch meetings.	1. Develop strategies to increase attendance at scheduled district townhall meetings. 2. Work with UF/IFAS to encourage attendance at planned series of meetings/townhalls on environmental issues.	Increase attendance at Town Hall meetings by 10% over 3 years through: Developing Social media campaigns Utilizing digital billboards and website Direct outreach to community stakeholders Providing incentives for participation Use the same strategies to promote attendance at (UF/IFAS) townhalls on environmental issues.					City of Cocoa Public Relations and City Council
EE-1: Civic Engagement: Facilitate inclusive civic engagement through the empowerment of all community members to participate in local decision making.	5. Promote participation in the Mayor's Challenge	Develop strategies to increase participation in the Mayor's challenge by residents from all areas of the city.	Increase numbers of participating city residents by 10% over 3 years by: Advertising the Mayor's Challenge utilizing social media Holding Mayor's Challenge events in different parts of the city Promoting attendance at kick-off events Increasing sustainability awareness by asking participants not to request a new T-shirt each year		Work with the City to develop activities originating in Cocoa such as walks with the Mayor and City Council members, team games, fun runs and youth activities			Mayor's Challenge Team Leader, Mayor and City Council members

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EE-1: Civic Engagement: Facilitate inclusive civic engagement through the empowerment of all community members to participate in local decision making.	6. Develop events to promote increased voter turnout in the City of Cocoa.	Sponsor events designed to increase voter turnout rates during presidential elections and non-presidential elections such as: Voter registration events in all council districts Promoting participation in Candidate Forums	Demonstrate at least a 65% voter turnout rate in local elections during presidential election years or at least 50% during non-presidential election years. Increase the voter turnout rates for the community's 3 lowest performing wards or districts in local elections over time. Dedicate city space for election signs.		Monitor statistics from previous years and set goals for 2020. Increase voter registration drives at diverse locations within the city.			Brevard Supervisor of Elections Office League of Women Voters of the Space Coast NAACP and other nonpartisan organizations that promote voter registration.
EE-1: Civic Engagement: Facilitate inclusive civic engagement through the empowerment of all community members to participate in local decision making.	7. Provide civics education programs directed towards teens, young adults and adult residents of the city.	Provide civics education programs that support the development of positive, strong youth leaders, with a particular focus on engaging individuals from low-income and/or minority neighborhoods Conduct adult education campaigns about the electoral process and voter participation targeted at geographic areas or populations with low voter participation Encourage participation in Citizen's Academy by adults and high school or EFSC students.	Develop a timeline for development and initiation of civics focused educational programs. Develop strategies for making programs available to all sectors of the Cocoa community. By March 2020 have the initial civics education plan ready for review and implementation. Invite students to attend Cocoa City Council meetings.		Work with Champion Organizations such as LWV of the Space Coast to develop civics program.			League of Women Voters of the Space Coast NAACP ACLU
EE-3: Environmental Justice: Ensure no neighborhoods or populations are overburdened by environmental pollution.	1. Conduct a comprehensive environmental justice assessment.	Look at NAACP's study goals for Environmental Justice and apply what has been learnt from other studies. If necessary develop a plan to fund and conduct a comprehensive environmental justice assessment for the City of Cocoa. Action - Study and Research	1. Following review of other Environmental Justice studies develop 3-5 major goals. 2. Develop Plan					Champion needs to be identified
EE-3: Environmental Justice: Ensure no neighborhoods or populations are overburdened by environmental pollution.	2. Provide information and education to the public regarding environmental justice conditions and available programs and services to alleviate disproportionate impact.	Identify organizations to collaborate with to provide information . Work with Legal Aide organizations to provide information on Environmental justice Rights.	1. Develop a timeline for conducting public workshops on climate change in each of Cocoa's 4 districts.					Champion needs to be identified
EE-3: Environmental Justice: Ensure no neighborhoods or populations are overburdened by environmental pollution.	3. Implement projects to reduce exposure to contaminants and risks associated with environmental justice conditions. Identify major risks from study .	Develop Projects to decrease risks a plan to address the major environmental justice goals identified from the comprehensive environmental assessment and/or other studies.	1. Develop strategies to address the identified environmental justice goals. 2. Initiate a timeline to address the major goals identified					Champion needs to be identified

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Health and Safety - Strengthen communities to be healthy, resilient and safe places for all residents and businesses.								
HS-1: Active Living: Enable adults and kids to maintain healthy, active lifestyles by integrating physical activity into their daily routines.	1. Include a chapter, section, or plan element focused on active living or active transportation in the comprehensive plan.	Create a Healthy Living mission statement for the City of Cocoa. Review City of Cocoa Strategic and Comprehensive plans to determine if they contain elements of a healthy living plan. Determine gaps that exist in the current healthy living plans and develop plans to address the identified gaps.	By June 2020 develop Healthy Living statement and a time line for working on a healthy living plan.					Space Coast Health Foundation
HS-1: Active Living: Enable adults and kids to maintain healthy, active lifestyles by integrating physical activity into their daily routines.	2. To increase awarness of city and county parks.	Review and update current information on parks. Develop a plan to convey accurate update information to city residents. Work with the city to update the current parks map.	Increase the awareness and use of city and county parks by 5% over 3 years.		Disseminate written material on parks and update city website.			City of Cocoa Parks Dept.
HS-1: Active Living: Enable adults and kids to maintain healthy, active lifestyles by integrating physical activity into their daily routines.	3. Improve bicycle and pedestrian amenities in new major development projects in high-density, mixed-use areas or near transit stations. ☐	1. Recognize businesses and /or organizations offering bicycle and pedestrian amenities. 2. Partner with DOT and other organizations on active transport projects for the Cocoa area to ensure utilization of existing amenities and guide further expansion. (Report) 3. City of Cocoa to Promote active transport with police bicycle patrols and adopting policies to incentivize city employees to use active transport to and from work or during the working day.	1. The City of Cocoa currently partners with TPO and FDOT - request regular updates on current projects starting in January 2020 . 2. Develop an awards program to incentivize businesses to offer pedestrian and bicycle amenities by January 2021 . 3. City of Cocoa develops a program to incentivize city employees to use active transport by June 2021 . 4. Develop a walk/bike to school program - look at increasing tree coverage on targeted streets like Fiske to encourage running, walking and bike riding.					City of Cocoa Utilities FDOT
HS-1: Active Living: Enable adults and kids to maintain healthy, active lifestyles by integrating physical activity into their daily routines.	4.Partner with community groups to host programs that encourage active (Healthy) living for adults and kids.	Develop a plan to increase participation in the Mayor's challenge, activities at the Cocoa YMCA and other identified athletic programs for adults, children and teens. Design a social media program to promote active living events.	Increase participation in the identified programs by 5% over 3 years.					United Way YMCA City of Cocoa (Cocoa Schools)
HS-1: Active Living: Enable adults and kids to maintain healthy, active lifestyles by integrating physical activity into their daily routines.	4.Partner with community groups to host programs that encourage active (Healthy) living for adults and kids.	Monitor funding issues at the Cocoa YMCA. Determine if there are any advocacy actions that SAC members can take to prevent closure of the YMCA.	By September 2020 contact the Cocoa YMCA to identify any actions the SAC can take adocate for additonal funds and to prevent closure.					United Way YMCA City of Cocoa (Cocoa Schools)
HS-2: Community Health: Achieve positive health outcomes and minimize health risk factors associated with behaviors and poor indoor air quality in schools and homes.	1. Conduct a comprehensive community health assessment, which includes data collection and analysis of public health conditions, trends, and problems affecting the community (Summarize the already existing assessment) ☐	Analyze the data available from the 2019 Community Health Needs Assessment (CHNA) Report and the Brevard county Community Health Improvement plan to identify gaps that can be addressed in the Sustainability Plan.	Complete analysis of the data and summarize resulting recommendations by December 2020 .					United Way Space Coast Health Foundation

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HS-2: Community Health: Achieve positive health outcomes and minimize health risk factors associated with behaviors and poor indoor air quality in schools and homes.	2. Develop a community health improvement plan to strengthen the delivery of health services and improve community health	Analyze the data available from the 2019 Community Health Needs Assessment (CHNA) Report and the Brevard county Community Health Improvement plan to identify gaps that can be addressed in the Sustainability Plan.	Complete analysis of the data and summarize resulting recommendations by December 2020.					United Way Space Coast Health Foundation
HS-2: Community Health: Achieve positive health outcomes and minimize health risk factors associated with behaviors and poor indoor air quality in schools and homes.	3. Develop and implement a comprehensive program focused on vector-borne diseases, such as Zika, Dengue, Chikungunya, and Lyme disease Include other infectious diseases as epidemics emerge.	Analyze the data and informational brochures available from the Brevard/Florida Department of Health on potential vector-borne diseases.	Develop a plan and appropriate timeline to disseminate this information on the city website and via social media by January 2021 . - Communication					Brevard Department of Health Space Coast Health Foundation
HS-2: Community Health: Achieve positive health outcomes and minimize health risk factors associated with behaviors and poor indoor air quality in schools and homes.	4. Engage the public, local businesses, and nonprofit entities in assessing, developing, and implementing strategies focused on improving health behaviors related to smoking (vaping) and obesity	1 Review pertinent information available in the 2019 Community Health Needs Assessment (CHNA) Report and the Brevard county Community Health Improvement plan. 2. Consider promoting programs to increase the following: <i>Developing shade canopies in parks and over trails.</i> <i>Promote the United Way Walk and Talk program</i> <i>Align access to parks with transportation to increase activity level and reduce carbon foot print.</i> <i>Promote outside exercise under bridges etc.</i> <i>Review Ted Talks on using plants in cities.</i>	Develop a plan to address identified health issues through social media campaigns and/or Health Education presentations by January 2021 .					United Way Space Coast Health Foundation
HS-2: Community Health: Achieve positive health outcomes and minimize health risk factors associated with behaviors and poor indoor air quality in schools and homes.	5.Provide information on grants or loans to remediate indoor air pollution problems in low-income homes or affordable rental units	List available grants for remediation of indoor pollution on the city website.	Publish information on available grants and application process by June 2022					City of Cocoa
HS-3: Emergency Management & Response: Reduce harm to humans and property by utilizing collaborative approaches to increase capability and capacity to respond to emergency incidents.	1. Publish information encouraging residents to develop emergency kits and evacuation plans, and encourage businesses to develop emergency procedures and shelter-in-place plans.	Review current emergency plans and procedures for possible gaps. Review FPL information on backup generator safety.	1.Complete review and present recommendations 2. Conduct review and evaluation of emergency plans on an annual basis.					City of Cocoa
HS-3: Emergency Management & Response: Reduce harm to humans and property by utilizing collaborative approaches to increase capability and capacity to respond to emergency incidents.	2. Adopt a local comprehensive plan for emergency response that includes provisions for evacuating low-income, disabled, and other persons likely to need assistance. Review the resiliency plan to find out what is included.	Review current emergency plans and procedures for possible gaps. Review FPL information on backup generator safety.	1.Complete review and present recommendations 2. Conduct review and evaluation of emergency plans on an annual basis.					City of Cocoa

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HS-3: Emergency Management & Response: Reduce harm to humans and property by utilizing collaborative approaches to increase capability and capacity to respond to emergency incidents.	3. Collaboarate with emergency services to ensure there are adequate emergency kits/supplies available for low-income and vulnerable residents should an emergency situation occur.	1. Evaluate current resources, policies and procedures for providing emergency kits and providing emergency information . 2. Work with the general public to make sure that all Cocoa residents have plans in place for emergency supplies of medication as well as emergency plans for patients on dialysis and those reliant on oxygen. 3. Distribute information on shelter locations, availability of sand bags and drinking water.	1. Complete review of current policies and procedures and resources for distributing emergency kits 2. Ensure that there are plans in place for residents with chronic healthcare conditions that may require oxygen, dialysis, and medications such as insulin.					City of Cocoa Emergency services - fire and police departments (Space Coast Health)

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Natural Systems - Design and maintain a network of green infrastructure features that integrate with the built environment to conserve ecosystem functions and provide associated benefits to human populations.								
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	Protecting and restoring the health of our local waterways: assessments of local waterways.							
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	1. Assessments	1a. Assist local agencies and environmental groups in obtaining information on water quality indicators including nitrogen, phosphorus, turbidity and chlorophyll-a.	With the help of local organizations, we can obtain information about water quality of the lagoon and surrounding bodies. We can then publish the information to help spread awareness of the issues with support from the data.		Already implemented. Report card is updated annually			Marine Resources Council
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	1. Assessments	1b. Assist local agencies and environmental groups in obtaining habitat data including the presence (or lack of) sea grass and viability of oyster habitats.	With the help of local organizations, we can obtain information about local habitats.		Already implemented. Site assessments have already been done. If an oyster reef is viable, it is already in the database			Brevard Zoo
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	2. Community Education	2a. Fertilizer impacts, bans and types (i.e. slow release and no phosphorus), grass clippings harm and incentivize natural lawn care practices. Neighborhood enforcement.	Coordinate with local environmental groups to host and publicize educational opportunities. City advertises fertilizer ban info and educational information each year.		FYI Newsletter Public event			Public Works/Utilities, Code Enforcement
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	2. Community Education	2b. Sanitary sewer lines and septic tanks impacts and the need for inspections.	City has Conservation/PR Officer in Utilities to conduct education sessions					Utilities
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	2. Community Education	2c. Drain-to-waterways public education.	City already participating		Already implemented			Public Works
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	2. Community Education	2d. Pursue opportunities for public involvement in restoration measures.	Encourage citizens to partake in local events around the area. Hopefully this would lead to large turnout and more cohesiveness in the community about wanting to take action.					Public Works
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3a. Participate in habitat restoration programs on public lands to filter/improve IRL water quality.	Brevard Zoo is working on shoreline restoration. (Restore Our Shores. Participate in and advertise events that pertain to this topic.) Signage in waterfront parks about oyster reefs.		FYI Newsletter			Public Works

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NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3b. Pursue all available resources for assisting in removal of muck from navigable waterways including: lagoon sales tax, Save Our Lagoon, One Lagoon, St. Johns River Water Management District (SJRWMD), and other local and governmental resources available.	Work on a collaboration with other organizations to work on restoring the lagoon and other bodies.		County contracting out this work.			Public Works
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3c. Evaluate City's impervious footprint and create incentives, programs and projects that reduce pavement/building footprints, increase green areas/use permeable pavements, and reroute rainwater into the ground as close to where it falls as possible.	Need to evaluate city's footprint		Will require assistance from city staff			Public Works/Utilities, Communications, Waterworks
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3d. Increase the frequency of the City's street sweeping program, in areas that drain to the IRL, to reduce debris, trash and leaf litter entering the public storm sewer system that flows to the IRL.	Need to evaluate current street sweeping program		Will require assistance from city staff			Public Works
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3e. Active stormwater treatment such as aeration, diffusion, bioactive sorptive media (BAM) to improve nutrient reduction effectiveness.	Need to evaluate current stormwater treatment		Will require assistance from city staff (potentially already in progress)			Public Works
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3f. Create stormwater pond parks and bioretention sidewalks and trails.	Create parks that are beneficial to aid in the stormwater issue and create green spaces for citizens.					Public Works
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3g. Create logo/kiosk, signage/strategy, for the education of the public of various waterway protection strategies.	Display created signage around the city and do evaluations to make sure that people are actually reading the materials and finding them useful.					Public Works
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3h. Update City's Stormwater Master Plan on a regular basis to adapt to progress, new technologies available and assure that stormwater infrastructure and improvements are resilient and will be functional in future sea level rise and climate change conditions.	Update City's Stormwater Master Plan		Will require assistance from city staff (potentially already in progress)			Public Works

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NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3i. Pursue funding opportunities for inspection of lateral sewer lines	Annual process					Utilities
NS-5: Water in the Environment: Protect and restore the biological, chemical and hydrological integrity of water in the natural environment.	3. Waterway Restoration	3j. Continuation of City Watershed-related Sustainability Initiatives outlined in 2010-20 City of Cocoa Comp Plan including: Installation of additional 2 nd generation nutrient-removal baffle boxes to improve runoff quality to the IRL, Exploring options such as a treatment basin within the IRL to remove excess nutrients, Undertaking studies to determine the effectiveness of existing solar-powered mixer at Bracco Pond in consideration of adding additional mixers at other City owned stormwater ponds and lakes to improve water quality and City Rain Barrel Rebate Program.	City has Conservation/PR Officer in Utilities to conduct education sessions regarding rain barrel rebate program and other programs for sustainability					Community Services updating COMP Plan using Evaluation and Appraisal Reports amendments

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Climate and Energy - Reduce negative climate impacts and increase resource efficiency in order to create a safer, healthier, and more resilient Cocoa.								
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase stormwater absorption, retention, and management capacity and effectiveness. Ensure stormwater system is healthy and aligned with best known practices of environmental management for Florida's water rich environment.	<p>1. Inventory/Map Stormwater System.</p> <p>A. Create in house Stormwater System Inventory to depict system publicly and support management internally. Mimic Water Enterprise's system inventory and mapping: location, function, age, maintenance etc. on Cocoa's stormwater pipes, ditches, weirs, ponds, important swales, and etc. B. Create layer/dataset/map to Identify known problems, and anticipated repair needs. C. Create layer/dataset/map to track flood reports from PW and citizens. D. Create/Update layer/dataset/map of pervious/impervious surfaces and retention ponds, (LID features?), in Cocoa used to determine stormwater assessments.</p>	<p>A. Stormwater inventory/management system exists and is in use daily by PW to manage maintenance . Percentage of stormwater system captured/tracked grows to near 95%. Maps are publicly available and current within 1-2 years. B,C, D. Engineers and managers and residents can access maps. Residents can report flooding and see this reflected. Residents can track changes in pervious/impervious surfaces in a 1-2 year interval and adjust their stormwater assessment.</p>					Cocoa Public Works. ARC/ESRI resource in City or County? Water Enterprise "loan/matrix" employee(s)?
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase stormwater absorption, retention, and management capacity and effectiveness. Ensure stormwater system is healthy and aligned with best known practices of environmental management for Florida's water rich environment.	<p>2. Enhance stormwater capacity and effectiveness. A. Research and understand restoring/enhancing connectivity and flow of stormwater ponds, including remnants of Mud Lake and Clear Lake etc., to improve capacity of stormwater absorption in surge events, without discharging to IRL. Enhance flow/connectivity as findings direct. B. Remove debris and plant materials and muck from ditches and stormwater ponds. Replant to increase absorption, crowd invasives, promote best function as passive maintenance. C. Manage stormwater "shorelines" as an attractive water feature that increases the value of Cocoa as a community for aesthetics, recreation, community building, and health, as well as absorbing stormwater. D. Develop comprehensive recommendations on linking the management and development of stormwater assets, recreational areas and parks, and linear parks or trails and routes in order to: increase absorptive capacity, support multi-modal transportation choices, connect neighborhoods, promote exercise among residents, be an attractive recreational opportunity for visitors.</p>	<p>A. Commission research report and publish findings. B. Budget and schedule debris removal. C. Plan, budget, and schedule shoreline/littoral replanting. D. Include stormwater areas in 2020 Parks review and DOT/Multimodal considerations.</p>					Cocoa Public Works. Identify/matrix new Cocoa PARKS department??? Consider UCF/FIT/EFSC internships? St. John's Water Management District. FDEP.

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CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase stormwater absorption, retention, and management capacity and effectiveness. Ensure stormwater system is healthy and aligned with best known practices of environmental management for Florida's water rich environment.	Seek stormwater-related grants methodically and exhaustively. Identify and track local, state, regional, national, and international opportunities to improve stormwater management and performance. Support budgeting and implementation of efforts to improve smart stormwater management.	Identify and report 20 relevant grants to SAC in 2020. Apply for 10. Win 30-40%; increase percentage of wins over the years. Develop a system to identify and track grants.					??? Who is Cocoa's grant department??? If it is dispersed throughout the staff, does this become a real objective? Are there state level support resources? coordinate with SOIRL, FDEP, St. John's etc.
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase stormwater absorption, retention, and management capacity and effectiveness. Ensure stormwater system is healthy and aligned with best known practices of environmental management for Florida's water rich environment.	Plant native stormwater gardens and shade/windbreak gardens in prominent places. Design and SIGN to teach residents and be reproducible in their yards. Promote local vendors and service contractors who will maintain it.	Identify and plant 5 stormwater gardens, 2 in 2019, 3 in 2020. Identify and plant 5 shade/windbreak gardens, 2 in 2019, 3 in 2020.					Public Works; IFAS Commercial Horticulture Agent; Cooperate with local nurseries and vendors. Cocoa/Rockledge Garden Club?
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce stormwater-related pollution	Ensure residential waste laterals and septs are not leaking (nutrients into the stormwater system). Communicate to residents/owners. Seek grants and opportunities to make it easy to correct. Establish correction schedule.	Schedule, conduct and complete smoke testing, etc. in 2020. Replace/repairs complete by 2027.					Cocoa Public Works
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce stormwater-related pollution	Convert septic to sewer to prevent nutrient pollution, especially in known flood zones, or areas with active/fast/high groundwater activity.	2020-2025; 100% conversion by 2025.					Cocoa with SOIRL Grants. Cocoa seems to have especially active/high groundwater wctivity that may accelerate flow rates and diminish natural filtering/remediation of nutrient polution.
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce stormwater-related pollution	Understand and appropriately manage algal blooms in stormwater and canal systems. Consider Beemats or other potential solutions to reduce nutirients in stormwater ponds, and thereby reduce algal populations.	Design internship and recruit interns by April 2019. Findings available by August 15 2019					Public Works. Beemats. University Internship in Summer 2019?
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce stormwater-related pollution	Support ongoing research and monitoring of stormwater systems to understand, manage and ensure healthy evolution of stormwater ecosystems. Budget future maintenance and upgrades as needs and technology create opportunities for positive impact.	Begin implementation May 2020.					Public Works. University Coordination/Internship/Research; DEP; St. John's WMD, Public Works.

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CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce stormwater-related pollution	Supplement stormwater infrastructure along IRL with baffle boxes or cyclonic separation systems (CDS) or other solution best adapted to Cocoa conditions	100% conversion of stormwater drains leading directly to IRL by 2022.					Public Works; SOIRL; DEP
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce stormwater-related pollution	Increase greenspaces that can absorb groundwater; plant to enhance absorptive capacity.	Formally identify pocket parks as a stormwater asset. Include in maintenance plan and budget starting in 2020.					Economic Development; Finance; Public Works
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce and minimize exposure to flood	Investigate array of flood hazards in Cocoa. Consider retiring residential properties in high probability flood zones, and converting to green infrastructure.	Publish succinct flood study June 2019 (ahead of hurricane season). Could be part of stormwater inventory/maps.					Fire; Public works; Website/PR/Communications
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce and minimize exposure to flood	Identify municipal properties and emergency/rescue/shelter facilities that are not above the 100-500 year flood zones. Identify plans for work arounds, mitigation, or potential for relocation.	Migration or mitigation plan. Completion 2027.					Public Works; Fire
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce and minimize exposure to flood	Inventory and prioritize all roadways vulnerable to 100-500 year floods. Prepare 5-year schedule to remedy.	Publish List roads and remediation plan.					Cocoa with SOIRL Grants and FDOT; design remedy to prevent stormwater from entering IRL without effective treatment.
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce and minimize exposure to flood	Ensure waterfront park restoration maximizes "Living Shorelines" by linear foot, captures expertise of Zoo, and funding from SOIRL. Install coquina and/or rip rap in front of sea wall. Investigate living breakwater islands.	Incorporate in RFPs and execution of waterfront park plans.					Matt F. as lead for waterfront project
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Reduce and minimize exposure to flood	Identify vulnerable properties, or properties best suited as a greenspaces for reasons such as minimizing cost of stormdamage to built environment, absorbing stormwater, serving as a buffer/transition zone, or connecting other green spaces. Work with agencies and organizations to purchase them and permanently preserve them. Identify maintenance needs and budget accordingly.	List properties. Esitmate acquisition costs. Create acquisition plan. Apply for grants.					

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CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase protection from wind.	Identify and implement opportunities to plant natural windbreaks (islands of trees), natural breakwaters, and convert seawalls in Cocoa to more resilient shorelines.	Convert 500 linear feet of seawall. Plant 10 windbreaks on city properties. Investigate breakwaters east of waterfront park.					
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase protection from wind.	Identify oppoortunities for increasing windbreaks as a matter of course development, building, and permitting opportunities, by managing orientation of buildings and design features. Prevent wind tunnels.	Windbreaks required in new developments.					
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase protection from wind.	Ensure that code prevents wind hazards such as debris, abandoned materials, buildings in a state of disrepair, etc. Establish a pre-hurricane protocol for identifying and removing hazards (such as a txt notification with a City point of contact).	Code change. Listing on emergency preparations.					Code Enforcement. IT.
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase protection from wind.	Update providers of tree services with most current information about tree maintenance and trees' optimal structural wind mitigation.	Letters sent annually.					Website; info from IFAS
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase protection from wind.	Update homeowners with most current information about tree maintenance and trees' and plants' optimal structures and arrangement for wind mitigation.	Social media campaign complete. Repeated every two years.					Communication/Website; info from IFAS
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase shade canopy.	Increase natural and native shade canopies. Shade trees provide atmospheric cooling, sequester carbon, absorb stormwater, improve aesthtics, and make properties more accessible and enjoyable for a longer portion of the year. Design, plan, and budget installation and management of natural canopies that will increase the season for Cocoa's public areas. Also focus on shading walkways that connect neighborhoods and transportation hubs. Additionally, as part of Tree City USA, educate and encourage homeowners to put more of the right trees in the right places to restore Cocoa's tree canopy.	Increase Cocoa's tree canopy potential by 75% by 2030. (Potential means the trees are planted and have been successfully growing for three years. Their canopy may not yet be mature, but is likely to reach maturity. Planting complete in 2027.)					UF/IFAS Sally Scalera. Cocoa Tree Board; Brevard County GIS resources; Tree City USA

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CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase shade canopy.	Where trees cannot be planted and maintained, and people need to be outside, install man-made shade structures (perhaps combined with solar collection features). As examples: solar bus stops; awnings on buildings where there is foot traffic; over benches at parks.	10-15 structures installed.					Economic Development; Public Works; SEC
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Require minimum public greenspaces.	Assess suitability of requirements and model of Lakeside West for new developments.	? 15% of a neighborhood should be reserved as public greenspace, parks. 5% additional for stormwater					Planning and Zoning. UF's Program for Resource Efficient Communities. They have done a lot of work with new developments to ensure best sustainability practices.
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Require minimum public greenspaces.	Retrofit older neighborhoods, like Cocoa Hills, with parks and community greenspaces. Design plantings and installations to teach residents best practices and be something than can copy in their yards.	Build new park in Cocoa Hills by March 2020.					Seek Community partners and sponsors. Public Works. Brevard County Parks and Rec. And UF/IFAS Master Gardeners!
CE-1: Climate Adaptation: Strengthen the resilience of communities to climate change impacts on built, natural, economic, health, and social systems.	Increase robustness of energy supply to key crisis facilities.	As part of resilience plan, convert key facilities to 'solar with storage' (acquire funding from FEMA etc.): emergency shelters, emergency operation centers, hospital (work with Rockledge/Wuesthoff), fire stations, police department, city hall, and the water processing facilities.	Convert all buildings by 2024					Community Services; cooperate with State and County Resilience planners
CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Educate residents on solar energy costs and payback.	Coordinate with FSEC to provide cogent briefing on current cost of solar energy, and most accurate way to model cost/benefit analysis (not years to payback).	1-2 pages published on city website; info used in social media campaign; series of articles published in FYI, billboard notices.					Communications/PR; Don Downs?
CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Reduce permitting fees and simplify process for solar permitting.	Implement online application. Publish broadly: on city website, in city office space, electronic billboards, newsletter, FB, water bills. . . .	Information published on website by April 1 2018					IT, Communication/PR Specialist (Sam Senger). Don Downs? Does Cocoa have a good office to serve as a belly button for solar issues? Should we have one? Should Cocoa cooperate with a non-profit/ngo to advance these goals and extend its resources simultaneously?

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CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Increase access to funding and financing options for residential and commercial solar installations.	Review, vett, and publish information about PACE, SELF, etc. Research and publish information about grants. Hold twice yearly information sessions for homeowners and contractors and businesses to promulgate information. Post on city website. Promote with FB announcements, digital billboards, quarterly newsletter. Promote conversions of households to solar.	Cogent information and links published on website. Hardcopy information push campaign tracked, reported. Social media campaign commissioned and completed.					Communication/PR. Don Downs? Grants.
CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Increase conversion to solar energy for residential and commercial properties.	Conduct PR/educational campaign to drive conversions to solar energy. Inform and encourage residents on city website. Track and publish conversions; Estimate savings and pollution impact per kwh. Hold twice yearly information sessions for homeowners and contractors to promulgate information. Post on city website. Promote with FB announcements, digital billboards, quarterly newsletter.	5% by 2021, 10% by 2023, 80% by 2029.					Communication/PR, IT, Community Services, coordination w/ FSEC. Housing authority.
CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Increase solar energy use in municipal buildings.	Study existing enery consumption and costs of municipal buildings. Convert major municipal buildings to solar energy, beginning with the largest consumption: City Hall, Dyal/WFO buildings	5% by 2021, 10% by 2023, 80% by 2029.					City Manager. Facility Manager and Electricians. Public Works. Water Enterprise.
CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Increase solar energy use in affordable housing.	Require affordable housing to have minimum solar energy collection to cover maximum use during summer AC season. Include in RFP's.	5% by 2021, 10% by 2023, 80% by 2029.					Community Services, Affordable housing. Finance/contracts?
CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Identify and vett solar suppliers/installers to reduce risk and barriers or consumers.	Publish a certified vendors list; update quarterly. Create a channel to receive feedback from customers.	Active List on City website by December 2019.					Communications/PR, Facilities, Affordable Housing, Coordinate with FSEC and Cocoa IT.

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CE-3: Greening the Energy Supply: Increase participation in solar energy production and use.	Investigate and establish vocational cross training in PV/electrical/roofing. Create a new career path of solar technician to support increased conversions in FL, and maintenance thereafter. Market more broadly: Cocoa's new local business skill.	Coordinate with Solar Energy Center, CareerSource Brevard (as they have funds for training and OJT), Cocoa High, adult education center, and relevant licensing organizations. Develop and deploy courses. Serve as a model for other communities. Establish a leadership position in solar expertise; market to space industry and other regions. Consider incubating related businesses.	Launch new training in 2020. Graduate first class in December 2020.					EFSC collaboration? Adult Ed.? FSEC? Cocoa High vocational building? (Much of the career material already exists; needs to be re-packaged.) Cocoa Works Program. Facilities Management and Electricians.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Transition city fleet vehicles to alternative fuel vehicles.	Adapt fleet replacement plan. Add local/fleet recharge stations; promote to tourists; seek grants. Focus on Rivian Trucks because of range, towing, and two-way battery serves as mobile generator for mutiple uses including EOC and short-term enterprise and wastewater support.	By 2026 (and/or according to replacement schedule) convert entire fleet.					Fleet management. City Manager. Public Works. Water Enterprise.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Transition police to 25% bicycle beat, especially December through May. Consider electric motorcycles (Orlando is using).	Not realistic to pursue in 2019/20, but is included in plan for future reference.	Identify interested staff, create deployment/scheduling plan, training plan, equipment, maintenance budget.					Cocoa PD. City Manager.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Transition police fleet to EV.	Monitor market; consult with AutoPort Canaveral. (They modify many law enforcement vehicles.) As 2018 Tesla-like acceleration, range, size become mainstream affordable, convert replacement plan to EV; install charging station at Police Station. It should pay for itself with reduced gas and maintenance.	2027/2028					Cocoa PD
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Promote participation in energy audits by businesses and residents.	Provide information on Cocoa websites, waterbills, quarterly newsletters, annual workshop, and visiting contractors. Promote 10-20 most effective house hacks to contractors and homeowners, new residents (when they hook up water), and Net0 homes specs.	Get 80% participation by 2023					Community Services; Communiation/PR specialist. IT.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Adapt building codes to ensure high-efficiency construction.	Florida's energy code is statewide maximum. Cocoa can encourage "beyond code" construction with incentives for green building.	Publish new codes 2022.					Community Services. Permitting. Code Enforcement Board. Solar Energy Center. Code Enforcement Board. Planning and Zoning Board.

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CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Host a highly visible EV charging station.	Aggressively pursue Tesla PV charging station ofn 524/95; investigate building one with FPL if it falls through. Consider DCFC station at the same time/location; VW funds may become available to help support. Offer incentives/cooperate with businesses such as Publix or Walmart to install EV stations. Become a visible leader in solar EV support. Update Google Map/Ways -- literally get on the map with EV.	Prominently visible EV charging station on 520/520/95 in Cocoa; featured on Ways etc. ; conduct earned media campaign					Economic Development. Community Services. Communication/PR. IT
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Optimize bus access in Cocoa; link to train, bike trails/rentals and other multi-modal accesses.	Review SCAT's comprehensive plan; advocate, augment, and adjust to ensure Cocoa residents have good public transit access to local job markets.	2019 25% on bicycles during the day, focusing in certain neighborhoods					Community Services; Economic Development with SCAT and FDOT.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Make bus stops more rider-friendly.	Create rider-friendly bus stops, to include: bench, shade, solar-powered fan, storm resilient design, and local art and Cocoa aesthetic. Prioritize conversions based on a combination of ridership and discomfort.	Prototype developed/selected; 5-10 stops upgraded by May 2020;local PR campaign to let riders know backstory and increase awareness.					Community Services. Public Works; Cocoa Works Internship Program; SCAT liaison; FDOT liaison. Communications.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Encourage SCAT to acquire alternative fuel buses (CNG, electric, or bio-fuel).	Working with the county and other municipalities, strongly encourage conversion to alternate fuel source buses as SCAT cycles through its inventory. Research and assess decisions of other cities and organizations that have transitioned (BaltimoreWashington Airport, City of Orlando. . .)	Draft plan in 2019; initiate in 2020 and complete by first full inventory rotation of SCAT buses.					Community Services, and Economic Development.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Develop bike paths to link neighborhoods, schools, libraries, markets etc., and promote health and eco-tourism.	Work with TPO to identify opportunities and tap into existing expertise; look into flyover to link east and west Cocoa across Rt1. (What does TPO Masterplan say about roads and trails in Cocoa? What did Titusville do to become a "trail city?" Create and Promote 'Cocoa by Cycle' tour to work in heritage, leisure activities, and points of interest. Promote health, eco-tourism, community-building, and making Cocoa more attractive to future tech employers. Publish maps online and as brochures; paint trails. Add hisorical "stops" for self-guided tours. Integrate community art with routes and branding of routes.	Create and promote "Cocoa by Cycle" bicycle trail. Complete 5 miles of Bike Paths in 2021; 5 more in 2022; 5 more in 2023; by 2025 there is a complete network that connects north and south Cocoa to Rockledge, Merritt Island. Long term, link to beaches; promote region as cycling as eco/active tourism haven!					City Manager. Transportation liaisons. Economic Development; Public Works; Leisure services. Communications/PR specialist.

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CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Research/seek/incentivize vendors of (electric) bike rentals.	Identify where there are opportunities or needs for a successful venture. Cooperate with SCAT and major employers. Investigate contracts with Lime? Orange? Publish/promote program on City social media. Bikes can support multi-modal transportation, toursim, and recreation.	Contract and bikes in place by February 2020					Community Services; Leisure services; Affordable Housing.
CE-4: Energy Efficiency: Minimize energy use and demand in the residential commercial, and industrial sectors as a means to increase energy efficiency in the community.	Investigate a car-free walking district in Cocoa Village.	Consider whether a car-free walking district in Cocoa Village could be beneficial and or enhance the appeal of Cocoa to residents and visitors? Weekend only? (DC closes 5+ miles of Rock Creek Parkway on Sunday afternoons to create a bicycle, walking, running, rollerblading activity zone. It is a boon to local residents and businesses alike.)	Create and conduct online survey by December 2019. Get \$5 credit off water bill to complete survey.					Economic Development, Leisure Services, Public Works, Community Services. IT
CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Reduce waste entering IRL and stormwater systems.	Research options and value/impact tradeoffs. Install baffle boxes (or CDS etc.) in stormwater drains that flow directly to IRL or Bracco Ponds. Increase street sweeping runs. Increase frequency of cleaning out storm drains. Social media campaign on grass clippings; also target lawn care service providers. Provide warning notices to educated residents.	Start in 2019 and Complete in 2021. Measure and track pounds of waste and nitrogen that does NOT enter the lagoon, or stormwater system.					Public Works; Communication; SOIRL collaboration?
CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Decrease recycling contamination.	Work with county and waste vendors to review and update recycling instructions and information to simplify, clarify, and an improve compliance. Put new stickers on bins. Mail a flyer with Cocoa water bills.	Contamination reports improve; we produce a cleaner grade of recycling (will sell for more/revenue increases)					Communications/PR. IT. Public Works. Coordinate with County, Waste Management.
CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Decrease "roadside litter."	Increase fines and penalty for littering; conduct zero litter campaign. Post signs. Develop fb campaign. Publish on digital signboards. Seek radio coverage. Establish local culture and pride in the beauty of our community, and an intolerance for fouling it. Promote amnesty days 2-3 times a year for items like mattresses, tires, paints; organize volunteers to help with the surge.	Kids, Fishermen, 20-something year olds, smokers in Cocoa know not to litter in Cocoa.					Public Works; City Website; City PR/Communications; Litter Quitters

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CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Promote home composting.	Provide or link to clear directions, instructions, and suppliers on city website to reduce foodwaste and improve soil health (and water retention capacity) in yards. Also consider establishing relationship with farm or nursery or public gardens that need compost material; facilitate donations. Educate residents on how organic content in soil dramatically increases absorptive capacity of soil (thereby helping with stormwater, and reduction in watering costs.	City gets increasing number of request for best practices compost bins. Totaling 1,000.					Community Services. UF/IFAS Extension. Waste Management.
CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Strategically update renewal contract with Waste Management or other vendor.	Consider: Moving back in house; Include composting in new contract with Waste Management; Fats and oils? Identify opportunities to link business/manufacturing with recycling stream (glass production or bottling, hurricane glass. . . etc.)	Discussions must get underway 2020.					Council. City Manager. Community Services. Public Works.
CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Deliberately raise status, visibility and "branding" of waste workers as city heroes (along with water, stormwater, wastewater etc. employees).	They make our city beautiful and healthy! Update language to "Community Service Professionals," consider Green Collar Workers, etc. Identify colorful t-shirts as 'uniforms', coordinate with paintings on vehicles and buildings and web pages, feature articles in FYI/website/billboard and city publications. Participation in Cocoa Works.						Communications, Public Works. . . Community Services. City Manager.
CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Reduce consumer good packaging and waste materials.	Join with other municipalities to ask grocery stores, restaurants, fast food vendors, shipping vendors, moving vendors, etc. to reduce packaging and waste materials, and to increase percentage of recyclable packaging and materials. Link with existing programs such as Litter Quitters, KBB or My Brevard Yard, etc.	Ordinance in place. List of participating business published on city website.					Council. Waste advisors. Coordinate with other cities who have made strides in more efficient management of city waste. City Manager?
CE-7: Waste Minimization: Reduce and reuse material waste produced in the community.	Increase recycling of construction and electronics and scrap metals.	Identify organizations and locations that will accept materials.	Organizations listed on city website.					Community Services; Economic Development; Brownfields???. Communication; Public Works?