

CHAPTER 3 - PLAN IMPLEMENTATION

It is incumbent on all of us to do our part to ensure the success of this Comprehensive Plan through its implementation. Plan implementation occurs in various ways.

Foremost, it begins with establishing familiarity with the plan. The Comprehensive Plan is, by its very nature, the articulation of the City's future planned land use vision and repository of its associated land use policies. In order to bring about that shared vision, familiarity with the five Planning Areas, the City-wide elements, their corresponding policies and recommendations, and the Reference Handbook-- which references all other plans, studies, and design guidelines documents adopted by reference as part of the Comprehensive Plan-- is essential. This applies whether the user is a customer preparing an application for development review or a City official who references it during the review to determine consistency with City policy. The Planning Commission and the City Council should consult the Comprehensive Plan's Policy Document and Reference Handbook in their consideration of discretionary development applications. The *Code of Virginia* (15.2-2232) states the Comprehensive Plan "shall control the general or approximate location, character and extent of each feature shown in the plan." Decisions made should be consistent with the City's long-range vision for 2040 and the policies contained in this plan.

The locally-adopted Capital Improvement Plan (CIP) is one of four tools Virginia's local governments are authorized to use when implementing their local comprehensive plan. The CIP is one of the oldest tools of plan implementation in existence. For too many years, the tool was viewed as a resource only to be used by public works and engineering. Over the past thirty-five years, however, the CIP has come into its own as a tool of plan implementation.ⁱ By design, the CIP focuses on a locality's immediate and longer-term capital assets and infrastructure needs. Capital assets and infrastructure needs traditionally include land, facilities, parks, playgrounds, streets, bridges, bike and pedestrian systems, water and sewer systems, technology systems and equipment, and other items of value from which the community derives benefit for a significant number of years.ⁱⁱ

The *Code of Virginia* requires that the adopted CIP be consistent with the adopted local Comprehensive Plan. Recognizing the important linkage between long-range land use planning and capital improvement planning, the *Code of Virginia* (15.2-2239) enables local planning commissions to, at the discretion of the governing body, prepare and revise annually a CIP based on the comprehensive plan of the locality for a period not to exceed the ensuing 5 years.ⁱⁱⁱ In Virginia Beach, although the Planning Commission has not been delegated this authority by the City Council, there is still a proper role for the Planning Commission to play as a stakeholder in the preparation and public review of the CIP.

Plan implementation is also accomplished by monitoring and reporting on our progress. It is important to do this with regard to both the effectiveness of the policies contained in the Comprehensive Plan (how well they are working or not to achieve desired outcomes) and the implementation of the plan's recommendations contained in the "**Agenda for Future Action.**"

An "Agenda for Future Action Summary" table is presented in this chapter as a quick reference tool. It is derived from the recommended next steps actions following adoption of the plan that are contained in each corresponding chapter of the Policy Document. It is presented with suggestions for which entity(s) (e.g., City Administration or community group) should take lead responsibility

for implementing that stated recommendation, and a suggested time frame of completion. In essence, it serves as our blueprint for important next steps that either reinforces or adds to the land use policies put forward in this plan. The implementation time frame purposely corresponds with the City's 6-year CIP, the first year of which is adopted annually by City Council as the Capital Improvement Budget; and, because the Planning Commission is required by state law to conduct review the Comprehensive Plan in 5-year intervals and recommend to City Council any necessary updates or amendments.

By monitoring progress our progress, and holding both City officials and the public accountable for partnering on its implementation, we can be informed and make necessary mid-course corrections in order to stay focused on achieving our city's long-range range for 2040. It is recommended that the Department of Planning & Community Development prepare an annual report on Comprehensive Plan effectiveness and implementation status to be presented to the Planning Commission. Subsequently, the Planning Commission should prepare an annual report to the City Council with any intermediate recommendations for amendment. This ensures that the Comprehensive Plan stays dynamic and responsive as needs change and new situations arise over time, in between the 5-year review periods.

Finally, another key plan implementation tool is the systematic and holistic review of the City's various development ordinances (e.g. Comprehensive Zoning Ordinance, Subdivision Ordinance, Site Plan Ordinance, Floodplain Ordinance, Landscape Ordinance, etc.). The land use vision articulated in the Comprehensive Plan depends on our land development regulations for implementation. Therefore, it is incumbent upon City leaders and administrators to use this Plan's recommendations as the platform for updating local development regulations, so that they can enable or bring about the desired outcomes we seek for our city's future growth and development. The development ordinances, coupled with public and private investment decisions, bring to life our many years of community planning, manifested in the body of adopted planning documents that comprise the Comprehensive Plan. It is essential that we set ourselves to the immediate task of review our development ordinances to this end so that all of our land use planning and implementation tools are consistent and mutually-supportive. After all...it's our future!

AGENDA FOR FUTURE ACTION - RECOMMENDATIONS SUMMARY

ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
Chapter 1, Section 1.2 - Urban Areas (Strategic Growth Areas)			
Burton Station SGA			
1.2-1	Update the <i>Burton Station SGA Master Plan</i> through a public process to reflect changes to the foundational assumptions that guided the development of the Burton Station SGA plan, particularly the extensive changes affecting future land use throughout the western half of the SGA.	Department of Planning & Community Development	Up to 2 years <i>Completed 11/20/2018</i>
Pembroke SGA			
1.2-2	Prepare a Master Transportation Plan for the Pembroke SGA using a public process that involves the adjacent neighborhoods.	Department of Planning & Community Development	Up to 2 years
Chapter 1, Section 1.3 - Suburban Area			
1.3-1	Draft Infill Development Design Guidelines in the Comprehensive Plan's Reference Handbook.	Department of Planning & Community Development	Up to 2 years
1.3-2	Develop planning and zoning tools and incentives to encourage new investment in declining neighborhood commercial centers.	Department of Planning & Community Development, Department of Economic Development, City Attorney's Office	Up to 2 years
1.3-3	Develop planning and zoning or other tools to assist distressed property owner associations with the preservation and maintenance of neighborhood parks and open spaces.	Department of Planning & Community Development, Department of Housing & Neighborhood Preservation, Office of Volunteer Services	2-6 years
1.3-4	Revise the Suburban Area section of the Comprehensive Plan, as appropriate, when sea level rise and recurrent flooding policies are adopted by City Council.	Department of Planning & Community Development	2-6 years <i>Completed 6/2/2020</i>
1.3-5	To ensure that the function of Princess Anne Road is not reduced due to numerous access points within Suburban Focus Area 2.1 (North Courthouse), the City should construct all or a portion of at least two lanes of London Bridge/Drakesmile Extended.	Department of Public Works	6+ years
1.3-6	Study the area between Holly Road and Pacific Avenue, north of 32nd Street to 42nd Street to determine need for infill development and redevelopment policies and design guidelines.	Department of Planning & Community Development, Planning Commission	Up to 2 years <i>Completed 3/8/2017</i>
1.3-7	Using a public process involving area stakeholders, study the Historic Seatack Community and Vicinity Area for potential designation as a Suburban Focus Area (SFA) with associated land use recommendations.	Department of Planning & Community Development, Planning Commission	Up to 2 years <i>Completed 12/14/2016</i>
Chapter 1, Section 1.4 - Princess Anne Commons & Transition Area			
Princess Anne Commons			
1.4-1	Update the <i>Princess Anne Commons Design Guidelines</i> .	Department of Planning & Community Development, Princess Anne Commons Task Force	Up to 2 years
1.4-2	Conduct a relocation feasibility study of the existing public facility yards located between Rosemont Road and Princess Anne Road to assess possible alternative uses for this area.	Department of Public Works, Department of Planning & Community Development, Department of Economic Development, Princess Anne Commons Task Force	2-6 years

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ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
1.4-3	Conduct an inventory of all natural resource features on City-owned property in the Princess Anne Commons to determine which ones should be retained during development for their inherent water quality benefits. These features can be combined with man-made stormwater facilities and trails and incorporated into a "green infrastructure" network that can serve as an amenity for economic development sites.	Department of Parks & Recreation, Princess Anne Commons Task Force	Up to 2 years
1.4-4	Update or replace the <i>ITA & Vicinity Master Plan</i> through a public planning process to reflect changes that have occurred since the plan was adopted in 2011. Pay particular attention to infrastructure planning and design to support planned land uses.	Department of Planning & Community Development, Princess Anne Commons Task Force, Transition Area - ITA Citizens Advisory Committee	Up to 2 years Completed 12/12/2017
Transition Area			
1.4-5	Explore the feasibility of amending the Agricultural Reserve Program ordinance to include properties located in the Transition Area.	City Attorney's Office, Department of Agriculture	Up to 2 years
Chapter 1, Section 1.5 - Rural Area			
1.5-1	Review Section 402(b) of the Zoning Ordinance (Agricultural Districts) for possible amendment to address Code of VA Section 15.2-2157(c) and because it limits density by reference to how well different soil types can accommodate a traditional on-site septic system. The City should consider factors other than soil types to limit density, including, but not limited to: adverse impact on agriculture; the presence of floodplains; groundwater table elevation and drainage; and, drainage, roadway, and other infrastructure conditions.	Zoning Administrator, City Attorney's Office	Up to 2 years
1.5-2	Using GIS, analyze floodplains in the Rural Area to determine where future rural residential development should be avoided.	ComIT/Center for GIS, Environment and Sustainability Office, Department of Planning & Community Development	Up to 2 years
1.5-3	Use GIS Analysis to determine how many platted lots of 5 acres or less along rural roadways that were not considered buildable due to soil constraints are potentially buildable under state AOSS regulations. Assess the extent to which rural roadways may be impacted.	ComIT/Center for GIS, Department of Planning & Community Development, Department of Health, Department of Public Works	Up to 2 years
1.5-4	Formally delineate the Pungo Rural Village boundary using stakeholder input and community consensus-building.	Department of Planning & Community Development	2-6 years
1.5-5	Using stakeholder input and community consensus-building, prepare a Master Plan for the Pungo Rural Village to determine the type and form of future desired growth. An important aspect of this planning process should be to anticipate when that growth might reasonably be expected to occur.	Department of Planning & Community Development	2-6 years
1.5-6	Conduct a study in Pungo Rural Village to determine if the existing on-site septic systems should be used if Rural Area development policies remain at the current density limit, or if such systems cannot be repaired or rehabilitated using AOSS technology if they are currently found to be failing. If it is found that existing onsite systems are failing and cannot be repaired, or if development with increased density is anticipated (or desired) to such an extent that onsite technology will not work, a study should be conducted to determine the need for, technology options, and feasibility for providing public sanitary sewer treatment systems for the Pungo Rural Village. The study should also investigate and evaluate the feasibility and cost of various alternatives.	Department of Public Utilities, Department of Public Health, Department of Planning & Community Development	2-6 years
1.5-7	Enhance the Pungo Village Design Guidelines in the Comprehensive Plan's Reference Handbook with illustrations.	Department of Planning & Community Development	Up to 2 years

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ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
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Chapter 1, Section 1.6 - Military Installations & Support

1.6-1	Support the mission of the military installations in Virginia Beach. Continue to route to the Community Planning Liaison Officers (CPLOs) all discretionary and by-right development applications within "areas of interest" Work closely with the Community Planning Liaison Officers (CPLOs) in the review of development applications for "areas of interest" to avoid potentially incompatible uses.	City Manager's Office, City Attorney's Office, Department of Planning & Community Development	On-going
1.6-2	Continue to route applications for all discretionary and by-right development within "areas of interests" and AICUZ to the Community Planning Liaison Officers (CPLOs) to avoid potentially incompatible uses.	Department of Planning & Community Development	On-going

Chapter 2, Section 2.1 - Master Transportation Plan

Roadways

2.1-1	Adopt updated general typical sections and plan views to be consistent with those currently in the Public Works Design Standards.	Strategic Growth Areas Office/Transportation Division, Department of Public Works	Up to 2 years
2.1-2	Implement the improvements shown on the City's Primary Roadway Network Map, the Regional 2040 Long Range Transportation Plan, and the <i>Bikeways and Trails Plan</i> to the extent funding is available in the City's <i>Capital Improvement Plan (CIP)</i> , the State's <i>Six Year Improvement Program (SYIP)</i> .	Department of Public Works, Department of Parks & Recreation	6+ years

Transit

2.1-3	City Council has adopted a Locally Preferred Alternative to extend The Tide from the Newtown Road station in Norfolk to terminate at a new station in Town Center near Constitution Avenue. Plan for the future extension of this high capacity transit system as follows:	City Council, Department of Public Works, Strategic Growth Areas Office, Department of Planning & Community Development	2-6 years
	1. East to the Oceanfront		6+ years
	2. North to Joint Expeditionary Base Little Creek - Ft. Story and south and west to Norfolk International Airport area		6+ years
	3. South to Princess Anne Commons and the Municipal Center		6+ years
	4. West to Chesapeake		6+ years
2.1-4	Evaluate appropriate technology for these high capacity corridors including light rail, maglev, bus rapid transit (BRT) and others that depend on a rail or similar fixed guideway that separates the transit from normal vehicular use.	Strategic Growth Areas Office/Transportation Division	6+ years
2.1-5	Light Rail System Planning - Construct the eastern terminus of the light rail station proposed at Constitution Avenue so that it can easily be expanded to serve as a major passenger hub, with enhanced amenities and platforms to serve future east, north, and south high capacity transit corridors.	Department of Public Works, Strategic Growth Areas Office	2-6 years
2.1-6	Establish an east-west multi-modal corridor - Develop a shared use path generally within the old Norfolk Southern railroad alignment from Newtown Road to Town Center. This proximity will allow for greater connectivity to light rail stations and greater multi-modal choice.	Strategic Growth Areas Office, Department of Parks & Recreation Department of Public Works	2-6 years
2.1-7	Light Rail Station Connectivity - Enhance pedestrian/bicycle connections to all high capacity transit stations and bus route stops to provide safe access and enhanced modal choice.	Strategic Growth Areas Office, Department of Parks & Recreation, Department of Public Works	2-6 years
2.1-8	Coordinate annual evaluation of new bus routing, frequency of service, and duration of service. In the near future (within 5 years), implement the proposed feeder bus network needed to serve the light rail extension from Norfolk to Virginia Beach Town Center. Enhance local bus service to become a viable option for people who could choose to drive, otherwise referred to as "choice riders." The provision of frequent, reliable, comfortable service can reduce single occupancy automobile travel and, thus, address traffic congestion and reduce the need for additional construction of highway lane miles.	Strategic Growth Areas office	2-6 years

Active Transportation

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ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
2.1-9	Develop a study to identify additional and improved crossings of I-264 and I64 to serve both the existing demand and the likely increases in demand for active transportation modes as The Tide extension begins service. The most urgent specific connection is in the Town Center area, to relieve the hazardous crossings along Independence Boulevard.	Department of Parks & Recreation, Strategic Growth Areas Office, Department of Public Works	2-6 years
2.1-10	Continue to use the City's <i>Bikeways and Trails Plan</i> as the guiding active transportation policy document and initiate a plan update.	Department of Parks and Recreation	2-6 years
Transportation Demand Management (TDM)			
2.1-11	Develop a comprehensive TDM Plan, including telecommuting, flexible work schedules, and off peak business hours, especially in the City's main employment centers. Utilize TRAFFIX staff to survey major employers in these centers to formulate the TDM plans with necessary incentives.	Strategic Growth Areas Office/Transportation Division	2-6 years
2.1-12	Recognize and reduce the impacts of parking supply on travel demand by developing new fee-based parking strategies and regulations in appropriate areas with good transit service.	Strategic Growth Areas Office/Transportation Division, Resort Area Office	2-6 years
Intelligent Transportation Systems (ITS)			
2.1-13	Update plans for traffic signalization every three years.	Department of Public Works	2-6 years
2.1-14	Monitor trends regarding emerging technologies in the areas of Information and Communication (ICT), Global Positioning Systems (GPS), and ITS. Stay current with trends in ITS to develop it as an on-going resource for transportation network infrastructure.	Strategic Growth Areas Office/Transportation Division	2-6 years
2.1-15	Create parking strategies that merge technology and infrastructure. Adopt innovations to deliver live parking data to citizens including heat maps that can show drivers available parking on a block-by-block basis. Consider dynamic meter pricing raising the price for on-street parking during peak time to make some spaces available. When spaces are available, drivers spend less time searching for parking.	Strategic Growth Areas Office/Transportation Division	2-6 years
2.1-16	Consider developing dynamic pricing mechanisms for roads, parking spaces, and shared-use assets to balance supply and demand.	Strategic Growth Areas Office/Transportation Division	2-6 years
2.1-17	Continue to develop and implement adaptive signal control in coordination with the Federal Highway Administration (FHWA).	Department of Public Works	2-6 years
2.1-18	To promote the use of local transit, consider equipping parking garages with more internal directional signage to show the location of transit stops.	Strategic Growth Areas Office/Transportation Division	2-6 years
Chapter 2, Section 2.2 - Environmental Stewardship Framework			
Water Resources Protection and Management - Surface Water			
2.2-1	Implement regulatory requirements relating to stormwater management, including but not limited to meeting NPDES MS4 and Chesapeake Bay TMDL mandates.	Department of Planning & Community Development, Department of Public Works, Department of Public Utilities, Department of Parks & Recreation	2-6 years
2.2-2	Promote partnerships with the non-governmental organizations to achieve the City's water quality improvement goals.	Green Ribbon Committee, Clean Waters Task Force	On-going
2.2-3	Implement requirements of the 2014 Chesapeake Bay Watershed Agreement.	Department of Planning & Community Development, Department of Public Works, Department of Parks & Recreation Green Ribbon Committee, and Clean Waters Task Force	2-6 years
2.2-4	Develop design criteria that help achieve water quality objectives in conjunction with other SGA objectives, such as preserving open space and planning for sea level rise and recurrent flooding.	Departments of Planning & Community Development, Department of Public Works, Department of Parks & Recreation, Strategic Growth Areas Office	6+ years

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ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
2.2-5	Complete efforts that are currently underway to develop a Stormwater Master Planning Analysis and Inventory.	Department of Public Works	2-6 years
Water Resources Protection and Management - Ground Water			
2.2-6	Develop a targeted educational program that increases public awareness about the importance of protection and conservation of non-potable groundwater resources and their use.	Clean Waters Task Force	2-6 years
2.2-7	Establish protocols to conserve and protect groundwater on city properties: 1. Develop an integrated pest management (IPM) and nutrient management plan. 2. Complete an underground storage tank (UST) remediation on all City sites.	Department of Planning & Community Development, Department of Parks & Recreation	6+ years
Parks and Conserved Lands			
2.2-8	Acquire open space in strategic locations, including SGA's, that can provide multiple benefits in terms of flood control, water quality, public access to waterways, preserving or creating tree canopy, and preserving unique ecological and cultural heritage sites.	Department of Parks & Recreation, Department of Planning & Community Development, Strategic Growth Area Office	6+ years
2.2-9	Commit resources to maintain the high quality of the existing park system and to expand the trail system.	Department of Parks & Recreation	6+ years
2.2-10	Implement the recommendations in the <i>Virginia Beach Bikeways and Trails Plan</i> .	Department of Parks & Recreation, Department of Public Works	2-6 years
2.2-11	Implement the recommendations in the <i>Virginia Beach Outdoors Plan</i> .	Department of Parks & Recreation	6+ years
Green Infrastructure			
2.2-12	City properties within the Princess Anne Commons and Interfacility Traffic Area should be studied to identify conservation lands and green infrastructure opportunities that can complement the plans for future economic development projects.	Princess Anne Commons Task Force, Department of Parks & Recreation, Department of Economic Development, Department of Public Works	Up to 2 years
Living Resources and Ecosystem Protection Management - Urban Forestry			
2.2-13	Implement the recommendations in the <i>Urban Forest Management Plan</i> .	Department of Parks & Recreation	2-6 years
2.2-14	Improve the viability and resilience of the City's urban forest by initiating the three-trophic layer (canopy trees, understory trees, shrub and groundcover) approach.	Department of Parks & Recreation, Department of Planning & Community Development	2-6 years
2.2-15	Improve inspections and enforcement capabilities to better achieve the objectives of local landscaping and tree protection ordinance requirements.	Department of Planning & Community Development, Department of Parks & Recreation	2-6 years
2.2-16	Enhance policies that guide development requirements for landscape practices on proposed projects.	Department of Planning & Community Development, Department of Parks & Recreation	Up to 2 years
Living Resources and Ecosystem Protection Management - Living Shorelines			
2.2-17	Train regulatory boards (Wetlands and CBPA) on decision making tools developed by the Center for Coastal Resources Management at VIMS.	Department of Planning & Community Development, City Attorney's Office	Up to 2 years
2.2-18	Follow the development of the state-wide General Permit being developed by the Virginia Marine Resources Commission (VMRC). Ensure that local policies are consistent with the provisions of the permit.	Department of Planning & Community Development	Up to 2 years
2.2-19	Educate citizens and stakeholders on new shoreline management strategies including Living Shorelines.	Clean Waters Task Force, Green Ribbon Committee	2-6 years

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ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
2.2-20	Evaluate and develop a locality-wide regulatory structure that encourages a more integrated approach to shoreline management.	City Attorney's Office, Department of Public Works, Department of Parks & Recreation, Department of Planning	2-6 years
2.2-21	Evaluate and recommend cost share opportunities for construction of living shorelines.	Clean Waters Task Force, Green Ribbon Committee	2-6 years
Living Resources and Ecosystem Protection Management - Unique Plants and Animal Habitats			
2.2-22	Develop and implement policies and programs that protect, restore and enhance critical habitats along the City's waterways.	Department of Planning & Community Development	2-6 years
2.2-23	Restore and attain sustainable inventories of native edible oysters in the Lynnhaven River.	Department of Planning & Community Development, Department of Public Health, Clean Waters Task Force, and Green Ribbon Committee	2-6 years
2.2-24	Restore oyster reefs in the Lynnhaven and Owls Creek estuaries by developing a hatchery plan and constructing sanctuary reefs.	Department of Planning & Community Development, Clean Waters Task Force, and Green Ribbon Committee	2-6 years
2.2-25	Work with Virginia Institute of Marine Science (VIMS) and other partners to restore Submerged Aquatic Vegetation (SAV) through planting and habitat enforcement efforts.	Department of Planning & Community Development, Department of Public Works, Clean Waters Task Force, and Green Ribbon Committee	6+ years
2.2-26	Undertake one wetlands restoration project each year in the Elizabeth River Watershed, the Lynnhaven River Watershed, Back Bay Watershed, North Landing River Watershed, and Rudee Inlet/Owls Creek Watershed.	Department of Planning & Community Development and community organizations	2-6 years
2.2-27	Develop a City program to effectively manage invasive plants and animals.	Department of Planning & Community Development, Department of Parks & Recreation	6+ years
Sea Level Rise, Recurrent Flooding, and Hazard Mitigation			
2.2-28	Develop a program to educate the public on the beneficial functions and values of floodplains.	Department of Planning & Community Development	Up to 2 years
2.2-29	Complete the City <i>Comprehensive Response Plan to Sea Level Rise and Recurrent Flooding</i> for all areas of the City and implement the recommendations therein, subject to funding.	Department of Planning & Community Development, Department of Public Works	2-6 years
2.2-30	Preserve and enhance beaches and dunes along the City's Atlantic Ocean and Chesapeake Bay shorelines.	Department of Public Works	6+ years
2.2-31	Implement the recommendations of the <i>Regional Hazard Mitigation Plan</i> .	Fire Department/Emergency Management, Department of Planning & Community Development, Department of Public Works	2-6 years
Land Development Management/Stormwater Management			
2.2-32	Complete and adopt the <i>Integrated Site Design Guide</i> as a component of Planning's <i>Design Specifications and Standards</i> .	Department of Planning & Community Development	2-6 years
2.2-33	Enhance stormwater management by exploring alternatives to conventional stormwater management facilities (SWMFs), such as Low Impact Development (LID) approaches that are applicable to the Coastal Plain.	Department of Planning & Community Development, Green Ribbon Committee, Clean Waters Task Force	2-6 years
2.2-34	Work with regional partners to implement the <i>Green Sea Blueway and Greenway Management Plan</i> .	Department of Planning & Community Development, Department of Parks & Recreation, Convention & Visitors Bureau, City Attorney's Office	6+ years

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ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
2.2-35	Develop online tools to assist the public with identification of sensitive environmental areas in the development review process.	Department of Planning & Community Development, Communication/IT - Center for GIS	Up to 2 years
Energy Resources Management			
2.2-36	Prepare action and public communications plans to support the Commonwealth's goal to reduce electric energy consumption by 10% below 2006 levels by 2020.	City Manager's Office	2-6 years
2.2-37	Implement the City's commitment to the US Mayor's "Climate Protection Agreement."	City Manager's Office	2-6 years
Alternative Energy Development			
2.2-38	Encourage research and development of alternative energy sources and promote their use.	Mayor's Energy Advisory Committee	2-6 years
2.2-39	Work with the Virginia Coastal Energy Research Consortium (VCERC) on offshore wind development.	City Manager's Office	2-6 years
Noise Pollution			
2.2-40	Explore alternative means of noise attenuation along roadways and at intersections where noise attenuation is not mandated through the use of wider shoulders and increased vegetation.	Department of Public Works, Department of Planning & Community Development, Department of Parks & Recreation	6+ years
Light Pollution			
2.2-41	Develop and adopt a Dark Skies Initiative Administrative Directive.	Department of Planning & Community Development, Department of Museums	2-6 years
Solid and Hazardous Waste Management			
2.2-42	Participate with the region's localities to develop a post-2018 SPSA (Southeastern Public Service Authority) Agreement for regional waste management.	Department of Public Works, City Manager's Office	Up to 2 years
2.2-43	Expand participation and types of materials accepted in the City's recycling program.	Department of Public Works	2-6 years
2.2-44	Promote increased recycling in the tourism industry through the development of incentives.	Resort Area Advisory Committee, Department of Public Works	2-6 years
Chapter 2, Section 2.3 - Housing and Neighborhoods			
2.3-1	Develop an integrated housing strategy addressing affordability and neighborhood preservation, based on best available data and national best practices	Department of Housing and Neighborhood Preservation	2 years
2.3-2	Perform a housing study to help define additional strategies for achieving neighborhood preservation.	Department of Housing and Neighborhood Preservation	Up to 1 year
Chapter 2, Section 2.4 - Economic Vitality			
2.4-1	Continue to promote Virginia Beach as a year-round destination.	Convention & Visitors Bureau	On-going
2.4-2	Develop a Transit-Oriented Development land use and zoning strategy for the SGAs.	SGA Office	2-6 years
2.4-3	Reshape non-conforming business districts (e.g., Pembroke SGA-Central Village District, etc.) into well-planned and designed commercial nodes that are compatible with adopted plans and design guidelines.	Department of Economic Development, Strategic Growth Areas Office, Department of Planning & Community Development	6+ years
2.4-4	Update the Master Plan and associated design guidelines for Corporate Landing Commerce Park.	Department of Economic Development, Department of Planning & Community Development	Up to 2 years

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ACTION ID	RECOMMENDED ACTION	LEAD RESPONSIBLE PARTY(S)	ESTIMATED TIME FRAME FOR COMPLETION
2.4-5	Inventory the conditions of neighborhood commercial centers and strip shopping centers. Consider incentives for façade improvements (e.g., cost share grants, etc.). Consider opportunities for repurposing over-parked commercial parking lots for possible permanent or temporary/seasonal infill uses, while adhering to recently updated commercial use parking standards in the Zoning Ordinance.	Department of Economic Development, City Attorney's Office	2-6 years
2.4-6	Inventory industrial zoning districts to determine if there is a sufficient supply of appropriate zoning for both light and heavy industrial uses, especially for the types of desired compatible land uses within SEGAs.	Department of Economic Development, Department of Planning & Community Development	Up to 2 years

ENDNOTES

ⁱ Michael Chandler. "The CIP in Virginia: An Overview and Explanation." Virginia Tech, Land Use Education Program Workshop: Funding the Future – the Role of the CIP. October 29-30, 2015. Richmond, VA.

ⁱⁱ *Ibid.*

ⁱⁱⁱ *Ibid.*