



NBV100

NORTH BAY VILLAGE

Comprehensive Plan

Goals, Objectives, and Policies

Adopted:
March 8, 2023



North Bay Village

NBV100 Comprehensive Plan

Goals, Objectives, and Policies

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Welcome To
NORTH BAY
VILLAGE





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North Bay Village
HEART OF THE BAY
WELCOME

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NORTH BAY VILLAGE

Comprehensive Plan

Introduction





INTRODUCTION

Prior to 1940, most of what is now North Bay Village lay beneath the waters of Biscayne Bay. The only dry land was Broadcast Key, a five-acre island from which pioneer radio station WIOD began broadcasting in 1926. Today, television station WSVN-TV maintains its headquarters at this same site, now joined with Treasure Island.

In 1940, dredging and bulk-heading created North Bay Island. By 1941, palm-lined streets had been laid out, and 12 homes had been built and occupied. Today, the Island has grown into a lush neighborhood of attractive single-family residences.

During the mid-1940s dredging and filling created Harbor Island and Treasure Island. Harbor Island is composed primarily of multi-family buildings. Treasure Island whose street name was drawn from Robert Louis Stevenson's classic adventure novel *Treasure Island*, is a mixture of single-family dwellings and multifamily dwellings. Treasure Island's streets also took their names from the novel such as Cutlass, Buccaneer, Hispanola, and even Pirate's Alley.

North Bay Village was incorporated in 1945. Harbor Island and Treasure Islands were annexed several years later. Broadcast Key, also known as Cameo Island, was annexed in 1963. During its early years, North Bay Village was primarily a haven for winter residents. The Village became widely known for its popular restaurants and nightclubs, which attracted celebrities like Frank Sinatra and Judy Garland.

Most of today's residents live here year-round. North Bay Village continues to be home to several of South Florida's most popular restaurants, as well as a variety of business enterprises, apartment buildings, condominiums and 376 single-family homes.

On March 14, 2006, North Bay Village adopted *The 2006 Evaluation and Appraisal Report* (EAR). The EAR provided a summary analysis of the successes and failures of the Comprehensive Plan, identified major issues of concern, and proposed changes to amend and update the entire Comprehensive Plan. North Bay Village's Comprehensive Plan was updated using the best available data and analysis gathered within the *2006 Evaluation and Appraisal Report* and edited to ensure accuracy and consistency.

The 2006 EAR identified five (5) major issues which the Village addressed in the EAR-based Comprehensive Plan Amendments.

- **Major Issue 1:** Hurricane evacuation for permanent and seasonal residents.
- **Major Issue 2:** Affordable housing.
- **Major Issue 3:** Redevelopment.
- **Major Issue 4:** Replacement of existing water and sewer infrastructure.



- **Major Issue 5:** Transportation (specifically, reassessment of parking standards).

On December 11, 2007, the Village Commission adopted the 2006 EAR-based Comprehensive Plan Amendments.

The Village prepared a Public School Facilities Element Amendment that contained associated amendments to the Intergovernmental Coordination and Capital Improvements Elements and a revised Interlocal Agreement for School Concurrency between the Village and the School Board of Miami-Dade County. The revised Interlocal Agreement was adopted by Resolution on February 21, 2008, and the Public School Facilities Element Amendment was adopted by Ordinance by the Village Commission on October 14, 2008.

The Village prepared the 10-Year Water Supply Facilities Work Plan which included associated amendments to the Infrastructure and Aquifer Recharge Element, the Coastal Management, Conservation, Intergovernmental Coordination and Capital Improvements Elements of the Comprehensive Plan. The Village was required to coordinate its Comprehensive Plan with the South Florida Water Management District's Lower East Coast Water Supply Plan by including a 10-year Water Supply Facilities Work Plan into the Comprehensive Plan. The Village Commission adopted the Amendment by Ordinance on March 10, 2009.

In 2016, the Village prepared an update to the Comprehensive Plan focusing on redevelopment issues, seeking to revitalize its commercial sector and attract new mixed-use developments to its downtown and urban center areas. The Village also prepared an update to its 10-year Water Supply Facilities Work Plan. Additionally, coastal vulnerability issues were examined, and policies were adopted to protect against sea level rise and other coastal related vulnerabilities.

In 2017, the Village amended the Coastal Management Element to address the State of Florida Peril of Flood legislation. Florida Statutes 163.3178(2)(f) 1 – 6 requires that Comprehensive Plans include a redevelopment component with principles that must be used to eliminate inappropriate and unsafe development in coastal areas.

In 2018, the Village amended the Future Land Use Element to create a Transfer of Development Rights Program allowing a transfer of density from Village-owned properties to properties in the Multi-Family High Density Residential Future Land Use Category and the Commercial Future Land Use Category.

In 2020, while celebrating its 75th anniversary, the Village engaged the community on an extended public discussion about future growth and development issues that will shape the Village's future for the next 25 years. That effort resulted in the adoption of a visioning



and planning document known as the NBV100 Master Plan. The NBV100 Master Plan, which has won awards for planning excellence from the APA FL Gold Coast Section and the APA FL Chapter, is guided by principles which originated from the common concerns of North Bay Village residents during the master planning process. The Master Plan is centered on equipping the Village with the tools to become a more livable, resilient, and prosperous community, one that can adapt to the challenges of a changing climate.

Since its adoption, the NBV100 Master Plan has helped guide amendments to the Village Comprehensive Plan policies as well as the Unified Land Development Code to help advance the three pillars of the Master Plan: Livability, Resilience, and Prosperity.

Consequently, in 2021, the Village amended the Future Land Use Element, by introducing changes to the Commercial Future Land Use Category and policies related to the revitalization of the Village's commercial corridor and the activation of its waterfront, to implement the goals of the NBV100 Master Plan.

Also in 2021, but unrelated to the NBV100 Master Plan, the Village added a Property Rights Element to the Comprehensive Plan, as required by the State of Florida. The requirements of this legislation are codified in Section 163.3177(6)(i), Florida Statutes.

In 2022, the Village conducted an Evaluation and Appraisal Review (EAR) of the Comprehensive Plan consistent with Section 163.3191, Florida Statutes. In addition to addressing changes introduced to state requirements since the previous EAR, the 2022 Comprehensive Plan update reflects changes in local conditions that have occurred since that time. In January of 2022, a public discussion was held with the Village Commission to inform the community of the upcoming EAR-based update process, and to solicit input regarding key local issues that may need to be addressed in this update of the Comprehensive Plan. From input received, the following were identified as major issues in this EAR and have been proposed for incorporation into the Plan:

- Incorporation of the NBV100 Master Plan vision, pillars and strategies as goals, objectives, and policies.
- Coordinated focus and emphasis on sustainability, resiliency and climate change response.
- Additional emphasis on housing affordability.
- Additional emphasis on multimodal mobility management.
- Review and update of land use and other policies, to ensure consistency is retained and strengthened between the Comprehensive Plan and recent and anticipated changes to the Unified Land Development Code intended to further support the implementation of the NBV100 Master Plan vision.



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NORTH BAY VILLAGE

**Comprehensive
Plan**

Population
Estimates and
Projections





POPULATION ESTIMATES AND PROJECTIONS

The population data utilized for North Bay Village is based on the most current and accurate data available from the Florida Office of Economic and Demographic Research (FL OEDR). According to this data, the estimated population of North Bay Village in 2021 was 8,211. As shown in the table below, the population is expected to increase by 1,183 to 9,397 by 2045.

North Bay Village Population 2020 U.S. Census and Projections						
Year	2020 Census	2025	2030	2035	2040	2045
Population	8,159	8,487	8,784	9,022	9,222	9,397
% Change		0.04	0.04	0.03	0.02	0.02

Source: Projected population calculated as the Village's share (0.301%) of the projected population of Miami-Dade County prepared by the Florida Office of Economic and Demographic Research.

These projections based on FL DER's countywide projections do not take into account potential population growth that might result from development projects approved or in the pipeline. While development pressure on the Village's non-residential property was dormant for a long time, within the last 7 years the Village has approved construction of 588 new residential units, all of which could be completed within the next 3-5 years, subject to infrastructure capacity. If built, these new projects could accommodate approximately 1,370 new residents (based on a 2020 U.S. Census median household size of 2.33 persons per household).

The Village also recently approved a Special Area Plan for a large-scale project which could generate an additional 1,936 new residential units and more than 4,500 new residents to North Bay Village over a period of 30 years, potentially bringing the Village's population to over 15,000 residents by the end of the planning horizon of this Comprehensive Plan.

In addition, projects currently in the pipeline but not yet approved could add another 345 new residential units within the next 10 years, resulting in a potential increment of about 800 new residents, if the anticipated development materializes.



Projected North Bay Village Population and Housing Units Based on Approved and Planned Development						
Year	2020 Census	2025	2030	2035	2040	2045
Estimated Units*	4,395	5,158	5,919	6,241	6,563	6,855
Population **	8,159	11,863	13,614	14,354	15,095	15,767
Source: 2020 U.S. Census, North Bay Village project data and CGA calculations. *Assumes 933 units from approved and planned projects built over a period of 10 years and 1936 units from approved Special Area Plan built over a period of 30 years **Based on an assumed household size of 2.3 persons per household						

The revitalization of the stagnant areas of the Village has been a stated priority in the Comprehensive Plan for a long time. The development and redevelopment of these areas align with the vision, goals and objectives for future land use. At the same time, the Village comprehends the significance and potential implications for services and infrastructure capacity, fiscal health, and long-term sustainability, and is proactively taking steps to ensure that these concerns are proactively addressed in the Comprehensive Plan and through a variety of ongoing and planned initiatives.

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NORTH BAY VILLAGE

Comprehensive Plan

I. Vision



 *North Bay Village*



OPENING PRESENTATION

#NBV100

October 23, 2019





I. NBV100 VISION

The vision for North Bay Village at its centennial in 2045, as outlined in the NBV100 Master Plan, is that of a more complete, sustainable, and economically successful community – a community that can adapt to the challenges of a changing climate.

Three guiding principles or pillars frame and propel this vision, all emanating from the common concerns of residents:

Livability: This pillar focuses on the desire by the three-island community to have a stronger sense of place to more accurately reflect the existing civic pride, create a more people-centered public realm, and leverage the value of North Bay Village's privileged but underutilized bay frontage.

Key goals in making North Bay Village a more livable home to its residents involve greater walkability; more public access to the waterfront; additional gathering spaces and services; and projecting a renewed and art-infused image to the world.

Resilience: A series of infill islands reclaimed from Biscayne Bay, North Bay Village faces the challenges of rising tides and a challenged drainage system. To ensure its long-term resilience, the Village must secure the perimeter of the islands, protect its assets and the built environment, provide responsible stewardship of Biscayne Bay and the Village's natural ecosystems at the islands' edges, and efficiently managing stormwater and flood waters.

Prosperity: This pillar speaks to the shared goal to see the Village center attract more retail, businesses, and services to serve local residents and visitors. Key to achieving this goal is the reinvention of the Kennedy Causeway as a welcoming pedestrian-oriented and business-friendly mixed-use main street.

GOAL: North Bay Village will strive to become a more livable, resilient, and prosperous community in the 21st century.

Objective 1.1: The Village will enhance a sense of community and focus on placemaking by:

- **Prioritizing people over cars.**
- **Embracing the waterfront.**
- **Improving quality of life.**
- **Synergizing public space to refresh the identity of North Bay Village.**

Policy 1.1.1: Continue to implement the strategies of the NBV100 Master Plan through updates to the Unified Land Development Code and capital improvements planning.



- Policy 1.1.2:** Support the implementation of the complete streets design strategies for the Kennedy Causeway as specified in the NBV100 Master Plan.
- Policy 1.1.3:** Implement the waterfront design strategies as specified in the NBV100 Master Plan.
- Policy 1.1.4:** Implement the design strategies for bus shelters as public art and for the transformation of Pirates Alley to promote quality of life as specified in the NBV100 Master Plan.
- Policy 1.1.5:** Implement design strategies for the Downtown Gateway Bridge and Neighborhood Roundabouts as specified in the NBV100 Master Plan.
- Policy 1.1.6:** Promote economic development and create a compelling destination by capitalizing on existing resources and incentivizing flexibility and predictability in land development regulations.

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II. Future Land Use Element





II. FUTURE LAND USE ELEMENT

Goals, Objectives, and Policies

GOAL: Secure the maximum physical, economic, and social welfare for the Village and its residents through the thoughtful use and development of land, buildings, streets, and public facilities, while maintaining, its existing character as an attractive waterfront residential environment.

To implement this goal, the Village has further established the following objectives and policies.

Objective 2.1: Manage future growth and development by implementing and enforcing all existing plans and regulations and by preparing and adopting new regulations as needed.

Policy 2.1.1: Periodically review the Village's current balance of land uses and revise the Village's Comprehensive Plan and Land Development Regulations as necessary.

Policy 2.1.2: Adopt the following Future Land Use categories consistent with the Future Land Use Map and further defined in the Unified Land Development Code to support the goals of the NBV100 Master Plan:

Residential – Residential areas with dwelling units used for permanent housing and subdivided into three districts based on density: Single family or low density allowing up to six dwelling units per acre, multi-family medium density allowing up to 40 units per acre, and multi-family high density allowing up to 70 dwelling units per acre with ancillary commercial up to 0.5 FAR.

Commercial – This land use category designates those areas in the Village suitable for commercial and mixed-use development. Uses permitted include a broad range of office, commercial, lodging, civic, educational and support functions; and high-density residential up to 150 dwelling units per acre. The gross floor area of any development on land designated Commercial shall not exceed a maximum intensity (also known as the maximum Floor Lot Ratio (FLR)) of 13.0 times the net lot area of a subject property. The buildable intensity on any particular site shall be governed by specific regulations contained in the Unified Land Development Code (ULDC) and thus the stated maximum FLR may exceed the actual capacity that a site can sustain when other regulations of the Code are applied to the site.



Recreation and open space – Permanent public parks and open spaces for recreational use, protection of natural resources, and urban buffers up to 0.25 FAR.

Educational – Public schools and ancillary facilities up to 2.0 FAR.

Public Buildings and Grounds – Government provided uses and facilities primarily serving the public up to 2.0 FAR.

Institutional – A non-profit or quasi-public use, including, but not limited to religious facilities, nursing homes, community centers, public or private schools or colleges, and hospitals or clinics up to 2.0 FAR.

Marina – Areas where boat docking facilities are offered for rent including docks and dry storage facilities up to 0.5 FAR.

Policy 2.1.3: Prohibit infilling of lots, expansion of existing uses, or replacement of land uses with development that is incompatible with the Future Land Use Plan by strict enforcement of zoning and development regulations.

Policy 2.1.4: Continue to provide for, and promote, viable mixed-use development opportunities on the Village's Future Land Use and Zoning Maps and in the Unified Land Development Code

Policy 2.1.5: Require developers of all projects to furnish proof of availability of public services and facilities prior to receiving any development order or permit. All applicants for final development orders, permits, or certificates of occupancy shall be required to provide all information deemed necessary by the Village so that the impacts of the proposed development may be accurately assessed. In those instances when services or facilities are not or will not be available, development approval will be withheld unless there is an agreed-upon plan between the Village and the developer to provide such services and/or facilities or to implement conditions or mitigations options, including scaling back to make the project concurrent.

Policy 2.1.6: Maintain the existing coordination and monitoring mechanisms allowing the Village to keep abreast of the regulatory responsibilities and activities of other units of government which might have impacts upon the Village.

Policy 2.1.7: Ensure that all development orders and permits are consistent with the goals and objectives of the Village's Flood Damage Protection



Ordinance and withhold such orders and permits when they conflict with the Ordinance.

Policy 2.1.8: Ensure that all development orders and permits are consistent with the Village's stormwater management Master Plan and standards and withhold such orders and permits when they conflict with Master Plan and standards.

Policy 2.1.9: Continue to ensure that all new development is consistent with the goals and objectives and levels of service established by the various Elements of the adopted Comprehensive Plan.

Policy 2.1.10: Require unsubdivided lands to be subdivided prior to the issuance of future building permits.

Policy 2.1.11: Require unplatted parcels to be platted prior to the issuance of future development orders or building permits of any kind.

Policy 2.1.12: The following restrictions apply to future buildings within the Commercial Future Land Use category:

1. Commercial spaces shall be designed for tenant flexibility, anticipating the requirements of different uses.

Policy 2.1.13: A transfer of density rights (TDR) program shall allow reallocation of residential density to be approved for new development in the Multi-Family High Density Residential Future Land Use Category. The sending sites shall include all land owned by the Village. Total bonus density allocation within the Village shall not exceed the total developable potential of the sending sites. Bonus density shall be conditional upon approval by the Village Commission and payment by the developer of a community contribution fee, the standards and procedures for which shall be outlined in the Unified Land Development Code.

1. Total density, including bonus, shall not be approved to exceed the base density of 70 dwelling units per acre by no more than 30 percent for any property in the Multi-family High Density Residential Future Land Use Category.
2. Total density, including bonus, shall not be approved exceeding 70 dwelling units per acre for properties without direct access to Kennedy Causeway in the Commercial Future Land Use Category.



3. Total density, including bonus, shall not be approved exceeding 100 dwelling units per acre for properties with direct access to Kennedy Causeway in the Commercial Future Land Use Category.

Objective 2.2: **Implement policies, strategies and actions to promote the Village's character as an attractive, sustainable and resilient waterfront community and direct future development and redevelopment to be consistent with the desired community character, the vision and pillars of the NBV100 Master Plan, and goals, objectives, and policies within the Plan.**

Policy 2.2.1: Maintain and, as necessary, periodically upgrade the entry treatments and/or features at the Village's gateways, including, but not limited to installing aesthetically pleasing, distinctive signage, lighting and lush, sustainable tropical landscaping that reflect the community's branded identity and spirit.

Policy 2.2.2: The Village shall continue to enhance and improve public landscapes and support such improvements in front elevations in neighborhoods and commercial areas.

Policy 2.2.3: The Village shall continue to implement the goals of the NBV100 Master Plan to transform Kennedy Causeway into Kennedy Boulevard, a complete street that prioritizes walkability, a diverse range of transportation options, and the success of local businesses.

Policy 2.2.4: The Village shall continue to enhance and strengthen the character and the identity of the Village through design criteria and a timetable for the improvement of street intersection elements and street furnishings. In addition, the Village shall continue to develop and implement mechanisms to address the nature and design of crosswalks, signage, benches, sidewalks (including widening, meandering and enhanced sidewalk accessibility), pavement and pavement markings, and other key elements of the public rights-of-way.

Policy 2.2.5: The Village shall continue to encourage all future land use development and redevelopment to emphasize aesthetic quality, livability, sustainability, resilience, and overall acceptability to local residents.



- Policy 2.2.6:** The Village Planning & Zoning Board shall continue to ensure that proposed development and redevelopment is consistent with written guidelines and regulations for development and redevelopment.
- Policy 2.2.7:** Reevaluate the Village's marina regulations and establish standards for marina development which will ensure compatibility with other land use goals and objectives. Reevaluate the Village's marina regulations and establish standards for marina development which will ensure compatibility with other land use goals and objectives.
- Policy 2.2.8:** The Village shall promote a mixed-use and vibrant commercial street life through the promotion of active ground floor retail and personal service establishments.
- Policy 2.2.9:** The Village shall continue to seek opportunities to create a community gathering place for recreational, cultural, and art activities.
- Policy 2.2.10:** The Village shall develop and implement a strategy to support the expansion of existing Village businesses and incentivize new business to locate in the Village.
- Objective 2.3:** **Require future development and redevelopment to be consistent with that indicated in the Future Land Use Element and with any adopted redevelopment plan.**
- Policy 2.3.1:** Continue to strongly enforce all zoning laws.
- Policy 2.3.2:** Protect distinct functional areas and districts from intrusion and encroachment of incompatible uses by strict compliance to the land use plan.
- Policy 2.3.3:** North Bay Village shall use the South Florida Regional Council's dispute resolution process when necessary to mediate the resolution of conflicts with other local governments and regional agencies. The Village may use alternative procedures whenever appropriate for the matter of imminent dispute, including agreements authorized by Section 163.3177, F.S., or other non-judicial approaches.
- Policy 2.3.4:** The Village, although not currently impacted, shall enter into any appropriate agreement with the State of Florida University System or the Miami-Dade County School Board regarding campus master plans.



Policy 2.3.5: During pre-development program planning and site selection activities, the Village, as service provider, will coordinate with the Miami-Dade County Public School system to consider all reasonable opportunities to co-locate new libraries, parks, and other facilities with public schools, where compatible, and the potential exists to create logical focal points for community activity. Early review and coordination activities will be modified as necessary to timely consider these potentials.

Policy 2.3.6: North Bay Village will maintain, as a particular area of attention in its planning program, a systematic review of the aesthetics and physical conditions between its boundary and those between unincorporated areas and other cities in an effort to improve the appearance of these areas and the compatibility and transition between the adjoining communities. Joint planning area agreements will be implemented if appropriate.

Policy 2.3.7: Schools shall be allowed in the Multi-Family High Density and Educational land use categories.

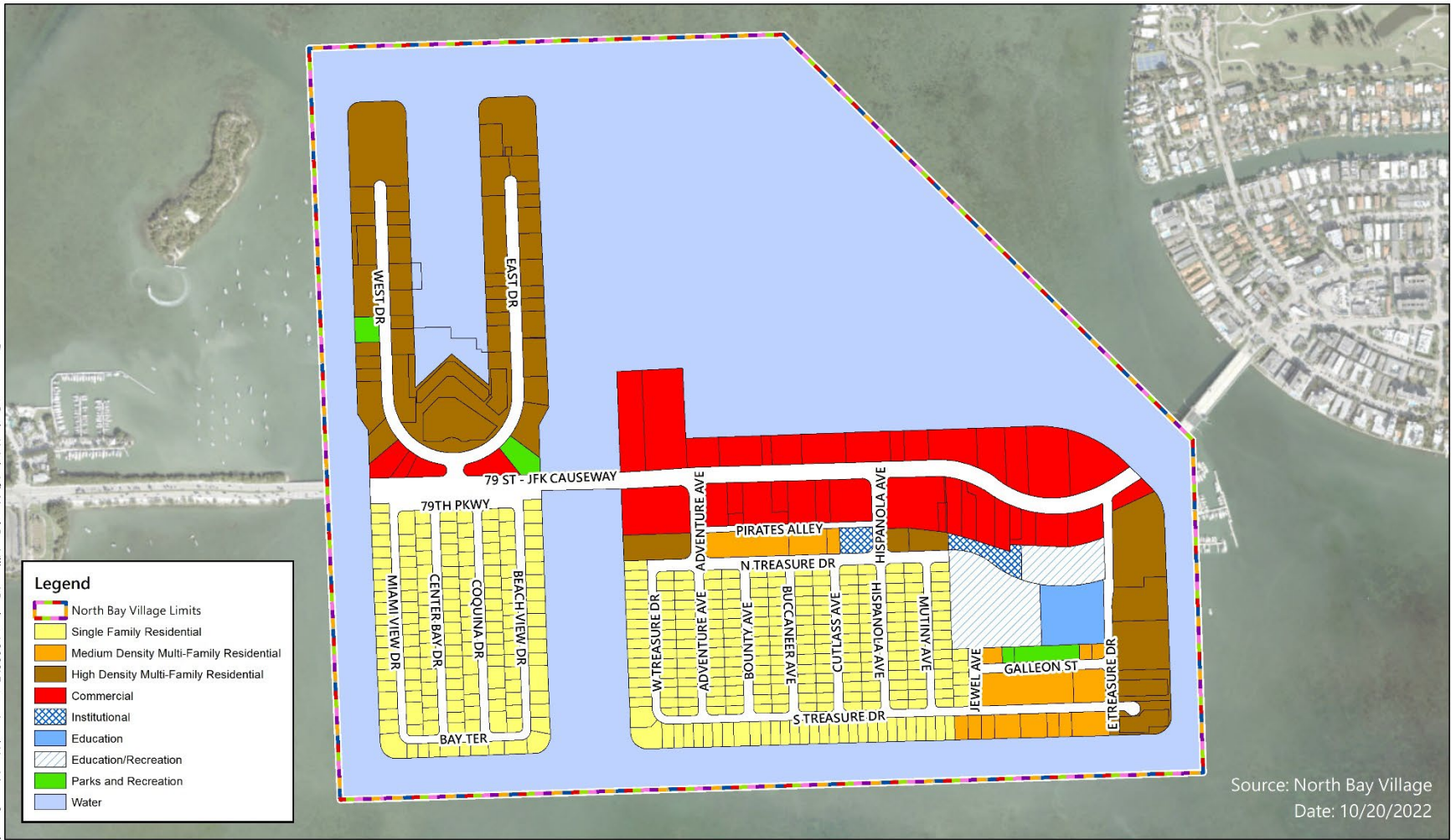
Objective 2.4: **In accordance with the vision of the NBV100 Master Plan, the Village shall encourage innovative development and redevelopment in the Commercial Future Land Use District, while adjusting regulatory metrics in favor of good street frontages, an inviting public realm, better connections to the water (where applicable), a wider range of building types, a more varied skyline and better architecture, consistent with the goals of the NBV100 Master Plan and this comprehensive plan.**

Policy 2.4.1: The Village shall rely primarily on the application of regulatory metrics such as setbacks, stepbacks and building heights that align with the goals of the NBV100 Master Plan to define the envelope of buildings in the Commercial Future Land Use District.

Policy 2.4.2 Incentivize the integration of public uses, streets, and squares that are safe, comfortable, and attractive for the pedestrian in new development and redevelopment projects, with adjoining buildings open to the street and minimizing, to the extent possible, interference of parking with pedestrian, transit, automobile, and non-motorized travel modes.



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NBV100 - Future Land Use Map

1 inch = 600 feet



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NORTH BAY VILLAGE

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III. Transportation Element





III. TRANSPORTATION ELEMENT

Goals, Objectives, and Policies

GOAL: Maintain the Village’s existing traffic circulation system, which provides for the safe and efficient movement of people and goods through and within the Village.

To implement this goal, the Village has further established the following objectives and policies.

Objective 3.1: Communicate with other local, county, and state officials so as to coordinate transportation plans of all related entities.

Policy 3.1.1: Continue to communicate with the other applicable agencies and with the residents of the Village.

Objective 3.2: Require street and walkway improvements in conjunction with all new development and/or redevelopment to ensure continued levels of service, convenience, and safety.

Policy 3.2.1: Maintain a peak hour traffic level of service “C” on the Village’s local roadways, combined with the adoption and implementation of a multimodal transportation strategy (in lieu of traditional concurrency).

Policy 3.2.2: As identified in the NBV100 Master Plan Vision for the Village, proper provisions for connectivity, safety, and multimodal transportation friendliness shall be ensured by requiring and improving pedestrian ways, the installation of bike paths and the installation of traffic calming devices.

Policy 3.2.3: Enforce a maximum of 25-mile-per-hour speed limit through the Village, excepting the Kennedy Causeway.

Policy 3.2.4: Study necessary improvements to East Treasure Drive from the Kennedy Causeway to Galleon Street.

Policy 3.2.5: Require that new development and redevelopment plans identify, by means of a traffic impact study any negative impacts the plans may have upon streets and walkways to ensure the appropriate mitigation and maintenance of levels of service and safety within the Village. Mitigation shall be mandatory to the extent that a development or



redevelopment contributes to the identified impact. No development or redevelopment plan shall be permitted without an approved traffic impact study and mitigation plan.

Policy 3.2.6: Traffic impact studies shall be performed by a traffic engineer, professional planner or planning firm qualified by training and experience to perform such studies. The planner or firm will be acceptable to Village staff and paid for by the landowner or developer.

Policy 3.2.7: Review site plan applications for the provision of safe and convenient on-site traffic flow, considering motorized and non-motorized vehicle parking.

Policy 3.2.8: Enforce on-site parking standards for all new development and redevelopment. Any redevelopment resulting in an increase in units shall be required to conform to parking standards for all units in effect at the time of redevelopment. All new residential development and redevelopment projects shall be required to provide on-site parking for each residential dwelling unit. On-site guest parking shall be required in addition to the parking required for the dwelling units. At a minimum, guest parking shall be equal to 10% of the parking required for the dwelling units.

Policy 3.2.9: Periodically review the allowances for off-street parking in the Unified Land Development Code to reflect changing conditions, to ensure such allowances continue to adequately address parking needs and the availability of and access to transit or other non-motorized modes of travel.

Policy 3.2.910: As suggested by the Village's NBV100 Master Plan, the Village shall seek to:

- create a consistent, harmonious, connected, and safe sidewalk and bikeway system along the Causeway;
- provide wider sidewalks in neighborhoods, where appropriate; and
- support the creation of new and improved crosswalks, pedestrian safety islands and use of asphalt art, where appropriate, to make Kennedy Causeway intersections safer for easier access across the Causeway.



Policy 3.2.11: Establish multimodal street cross-sections, design standards, and operational measures to ensure Village streets are safe, convenient, and appealing for all modes of travel.

Objective 3.3: **On a regular basis, monitor problems on the Kennedy Causeway to determine if congestion problems exist and investigate the feasibility of improvements.**

Policy 3.3.1: Monitor all proposed major improvements to Kennedy Causeway with Miami-Dade County and the Florida Department of Transportation.

Policy 3.3.2: The Village shall require all potential development or redevelopment projects to contribute to providing a safe, convenient, comfortable, and aesthetically pleasing transportation environment that promotes walking, cycling, and transit use. Appropriate improvements or enhancements to the multimodal network shall be required to mitigate any impacts as a condition of development approval.

Policy 3.3.3: Coordinate closely with neighboring municipalities and applicable regional and state agencies to identify and implement areawide transportation demand management strategies that alleviate congestion, promote transportation choice, and overcome deficiencies in the multimodal transportation network.

Objective 3.4: **Protect road rights-of-way from building encroachment through zoning code and site plan review standards and criteria.**

Policy 3.4.1: Monitor all multi-family, mixed-use, and commercial redevelopment projects yearly to ensure the protection of rights-of-way.

Objective 3.5: **Control access points of roads and driveways to roadways through zoning and site plan standards and criteria.**

Policy 3.5.1: Review and enforce, through the Village's development standards and criteria, all multi-family, mixed-use, and commercial redevelopment plans for adherence to the standards for access points of roadways and driveways to roadways.

Objective 3.6a: **Enhance the circulation of non-motorized traffic and alternate modes of travel.**

Policy 3.6a.1: Require, through the Village's site plan approval process, that all multi-family, mixed-use, and commercial redevelopment projects plan for and provide adequate and safe pedestrian circulation facilities and



facilities for other forms of travel to reduce reliance on automobile usage.

Policy 3.6a.2: Promote a connected pedestrian and bicycle network throughout the Village, with convenient modal connections and links to regional transportation where feasible.

Policy 3.6a.3: Ensure that buildings are oriented to provide pedestrians and bicyclists with easy access and a visually interesting environment that reduces perceived travel distances and increases the legibility of the bicycle and pedestrian network.

Objective 3.6b: **The Village shall continue to pursue all applicable funding options for beautification of Kennedy Causeway.**

Policy 3.6b.1: The Village shall aggressively seek funds from all appropriate agencies, public and private, to meet the funding necessary for Kennedy Causeway improvement projects.

Policy 3.6b.2: The Village shall coordinate activities with the state, regional, and local jurisdictions to promote beautification of Kennedy Causeway.

GOAL: **Assure a safe and orderly evacuation of all Village residents when necessary.**

To implement this goal, the Village has further established the following objectives and policies.

Objective 3.7: **The Village shall follow, review and update the Village's Hurricane Evacuation Plan, and coordinate with the Miami-Dade Office of Emergency Management when necessary or to reduce hurricane evacuation times.**

Policy 3.7.1: The Village shall periodically update the Emergency Evacuation Assistance Program to provide notice and transportation to citizens who require evacuation assistance.

Policy 3.7.2: The Village shall continue to annually review hurricane evacuation plans for the Village as presented in the Miami-Dade County Office of Emergency Management's Plan and notify residents of any changes.



Policy 3.7.3: The Village shall work with Miami-Dade Transit Authority to ensure adequate transportation is available to all citizens who require it.

Policy 3.7.4: During an evacuation event, two of the eastbound lanes on the Kennedy Causeway shall be redirected to westbound in addition to a “lock down” of the drawbridges.

GOAL: **In lieu of traditional Transportation Concurrency, develop and maintain a multimodal transportation system that meets the diverse circulation needs of the Village in a safe and efficient manner, reduces reliance on single-occupancy vehicles, and protects the quality of life for all residents.**

Objective 3.8: **Develop a safe, convenient, effective, and sustainable transportation network and support infrastructure that supports multimodal mobility.**

To implement this goal, the Village has further established the following objectives and policies.

Policy 3.8.1: Continue to support the implementation of a complete streets design strategy for Kennedy Causeway as supported by the NBV100 Master Plan and this Comprehensive Plan.

Policy 3.8.2: Adopt strategies to mitigate, exempt, or discount the mobility impacts of locally desired development and redevelopment in in-lieu of transportation concurrency.

Policy 3.8.2: Consider adopting a mobility fee or similar mechanism and allocating funding needed to implement the improvements identified in this Element and the NBV100 Master Plan.

Policy 3.8.3 North Bay Village falls under Miami-Dade County’s designated Transportation Concurrency Exception Areas (TCEA). A TCEA is a compact geographic area designated to support the urban infill and redevelopment to circumvent the adverse impacts of concurrency requirements. As an alternative to concurrency, the Village may seek designation as a Transportation Concurrency Exception Area (TCEA) from the Miami-Dade County Transportation Planning Organization (TPO) for Kennedy Causeway while pursuing alternatives to increased automobile use through improved public transportation, pedestrian ways, and bikeways.



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Source: FDOT
Date: 10/20/2022



NBV100 - Future Transportation Map

1 inch = 600 feet





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IV. RESERVED Goals, Objectives, and Policies

Goal:Reserved

Objective 4.1: Reserved

Policy: Reserved



V. RESERVED Goals, Objectives, and Policies

Goal: Reserved

Objective 5.X: Reserved

Policy: Reserved

NBV100



NORTH BAY VILLAGE

**Comprehensive
Plan**

**IV. Housing
Element**





VI. HOUSING ELEMENT

Goals, Objectives, and Policies

GOAL: Provide an attractive, safe, and affordable place to live and still maintain the Village's present residential character.

To implement this goal, the Village has further established the following objectives and policies.

Objective 6.1: Preserve and protect the quality of the Village's housing stock through a continued rigorous code enforcement program.

Policy 6.1.1: Review existing development regulations to ensure they promote long-term sound housing and aesthetically pleasing neighborhood environments.

Policy 6.1.2: Continue the enforcement of Miami-Dade County's Minimum Housing Code and the Florida Building Code to protect and preserve the character and quality of the Village's housing stock.

Policy 6.1.3: Require, through code enforcement standards, the rehabilitation and/or redevelopment of aging structures as they deteriorate.

Policy 6.1.4: Due to the island characteristics of the Village, and the potential threat of hurricane damage, continue to prohibit mobile home parks.

Policy 6.1.5: Ensure that future redevelopment studies identify opportunities to create or preserve affordable housing which is consistent with the requirements of law and the existing character and quality of the Village's housing stock.

Objective 6.2: Under the direction of the Miami-Dade County's Historic Preservation Office, preserve housing with historical significance.

Policy 6.2.1: The Village shall identify and preserve housing having historical significance.

Policy 6.2.3: The Village shall promote its significant architectural history and guide future residential redevelopment to be consistent with goals, objectives, and policies that encourage preservation of historic structures. In furtherance of this policy, the Village shall encourage the submission of Florida Master Site File forms for structures that meet the 50-year benchmark for historic resource eligibility.



Objective 6.3: **The Village will identify and support programs to increase the range of affordable housing opportunities for very low, low, and moderate income families, as defined.**

Policy 6.3.1: Continue to support existing mortgage down payment subsidies for very low, low and moderate income families seeking affordable housing in the Village.

Policy 6.3.2: The Village will continue to enforce Energy Efficiency and other building codes which foster greater affordable housing conditions.

Policy 6.3.3: The Village shall coordinate with the Florida Housing Finance Corporation, the Miami-Dade Housing Finance Authority, Miami-Dade County, the Florida Department of Economic Opportunity and other regional, state and federal agencies to mitigate the affordable and workforce housing shortage.

Policy 6.3.4: The Village shall enter an interlocal agreement with Miami-Dade County and/or the South Florida Regional Council to address the affordable housing shortage in the Village and to provide affordable housing options for employees working in the Village.

Policy 6.3.5: The Village shall explore amending the regulations of the Unified Land Development Code to include incentives for major new development and redevelopment that provide affordable housing for very low-, low- and moderate-income families, and shall continue to monitor and calibrate the minimum requirements and incentives for the provision of workforce housing.

Policy 6.3.6: Seek to reduce policy barriers, eliminate excessive requirements, and incentivize housing affordability by streamlining the administrative approval and permitting process for developers proposing affordable and workforce housing.

Policy 6.3.7: Offer incentives for the provision of sustainable green homes. consistent with the US Green Building Council's LEED Green Building Rating System as amended and/or other nationally recognized green standards acceptable to the Village.

Objective 6.4: **The Village shall address any identified affordable housing affordability deficits through the implementation of short term and long-term programs. Such long-term programs shall include an interlocal agreement or other cooperative mechanisms with Miami-Dade County**



to develop a regional solution for the Village's affordable housing affordability deficits.

Policy 6.4.1: The Village will provide residents and individuals employed in the Village access to information pertaining to countywide programs to aid in job training, day-care facilities, English language courses and high school equivalency (GED) which are currently provided by the following agencies.

- Children and Families
- Miami-Dade Community College
- Miami-Dade County Department of Human Services
- Miami-Dade County Public Schools

Policy 6.4.2: The Village will request updated recommendations from the South Florida Regional Council and adopt a long-range housing affordability implementing policy.

Policy 6.4.3: The Village shall implement and apply a variety of housing affordability strategies for its residents, including but not limited to the following:

- As part of the redevelopment of the Kennedy Causeway Corridor, provide expedited development review and reduced permitting charges as incentives for employers to offer assistance in meeting the housing needs of employees who are cost-burdened.
- Identify and pursue new revenue sources including SHIP, CDBG, and HOME funds to be earmarked for use by eligible families to provide low-interest mortgages and down payment assistance.
- In the event the Village seeks future additional density or permissible units in any sector of the Village, any feasibility studies or evaluation related to such increases shall consider appropriate mitigation for infrastructure impacts and hurricane protection and evacuation for the net increase in density.
- Encourage home occupations and live/work units where consistent with the Unified Land Development Code to support a jobs/housing balance.
- Work on identifying the housing needs of the community through periodical housing needs assessments and continue to develop appropriate programs to support housing affordability.
- Explore new housing construction technologies (e.g., smart housing, adaptable building systems, etc.), modern living arrangements (e.g., co-living) and innovative regulatory trends (e.g., parking unbundling, reduced requirements, etc.) which can help reduce the cost of housing.



- Make available to interested homeowners information, resources, and the advice of Village staff concerning topics that can support affordability, such as green building, energy conservation measures and resilience hardening in the home and neighborhood.
- Continue to promote flood risk reduction and resilient housing design and construction through the implementation of regulations in the Unified Land Development Code and Building Code and through capital improvement priorities.

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NORTH BAY VILLAGE

Comprehensive Plan

VII. Infrastructure
and Aquifer
Recharge
Element



MIAMI BEACH, FLORIDA 33139



VII. INFRASTRUCTURE & AQUIFER RECHARGE ELEMENT

Goals, Objectives, and Policies

GOAL: To provide the highest level of public utility service, consistent with the population needs and level of service demand.

To implement this goal, the Village has further established the following objectives and policies.

Objective 7.1: Continue maintenance of sanitary sewer facilities to ensure maximum system efficiency and operation.

Policy 7.1.1: Ensure the provision of sewage transmission capacity consistent with federal, state, and county regulations.

Policy 7.1.2: Maintain all sewer mains and laterals as indicated by the Village's Sewer System Evaluation Study and replace mains and laterals identified in the study within a ten (10) year period.

Policy 7.1.3: Monitor the adequacy of the Sanitary Sewer Impact Fees and adjust as necessary.

Policy 7.1.4: The Village shall replace existing Village water lines that have demonstrated leakage.

Objective 7.2: Define and implement a program of Best Management Practices for the disposal of the Village's solid waste.

Policy 7.2.1: Provide collection capacity consistent with the solid waste level of service rate of four (4) pounds per person per day.

Policy 7.2.2: Continue to enforce existing littering regulations on both public and private property.

Policy 7.2.3: Continue to reduce the excessive generation of solid waste by maintaining the Village's commercial and residential recycling program.

Policy 7.2.4: Conform, when applicable, with Miami-Dade County solid waste management plans.

Objective 7.3: Require all new development and redevelopment and any future repair, maintenance, or rebuilding of existing systems within the Village to



conform to Miami-Dade County Department of Regulatory and Economic Resources, Division of Environmental Resources Management Regulations.

- Policy 7.3.1:** Require all new private land development and redevelopment to comply with stormwater management regulations enforced by Miami-Dade County Department of Regulatory and Economic Resources – Division of Environmental Resources Management and to comply with the policies of the Village’s stormwater management utility.
- Policy 7.3.2:** Require compliance with applicable Florida Department of Environmental Protection Rules whenever the existing storm sewer system needs to be repaired, rebuilt, or otherwise modified.
- Policy 7.3.3:** Implement the recommendations of the Village-wide *Stormwater Master Plan (June 2022)* through amendments to the Unified Land Development Code incorporating Low Impact Development (LID) best management practices, as well as by annually updating the Village’s Capital Improvements Program.
- Policy 7.3.34:** Incorporate the mandatory provisions of the Village’s National Pollutant Discharge Elimination System Permit into existing operating procedures rules and regulations.
- Policy 7.3.45** Issue no development orders or development permits without first determining whether adequate water supplies to serve the development will be available no later than the anticipated date of issuance by the Village of a certificate of occupancy or its functional equivalent. The Village will also ensure that adequate water supplies and facilities are available and in place prior to issuing a certificate of occupancy or its functional equivalent.
- Policy 7.3.6:** Protect the Biscayne Bay Aquatic Preserve (BBAP) through measures such as, but not limited to requiring stormwater treatment systems to meet the required non-degradation water quality standards for this Class III, Outstanding Florida Water body and discouraging development that proposes to fill within the Bay or discharge contaminants to its waters; reducing turbidity, nutrient loading, and bacterial loading from wastewater facilities and vessels; reducing the number of improperly maintained stormwater systems; and requiring private marinas to implement hazardous materials spill plans.
- Objective 7.4:** **Continue periodic water monitoring to ensure that the Village’s residents and visitors have a safe and reliable potable water supply.**



Policy 7.4.1: In conjunction with Miami-Dade County Water and Sewer Department, provide for an adequate water supply to meet a level of service of 110 gallons per capita per day.

Policy 7.4.2: Continue to cooperate with other local government and regional water treatment authorities to plan for future water needs.

Policy 7.4.3: In any future construction work, utilize the opportunity to install proper design features (where needed) which prevent the unnecessary interruption of water service.

Policy 7.4.4: To minimize the possibility of polluting the public water supply, require the installation of backflow prevention devices in all future multi-family and commercial construction work.

Policy 7.4.5: Require that all installed back-flow prevention devices be maintained and serviced by a state certified firm annually.

Policy 7.4.6: Encourage all existing multi-family and commercial buildings greater than three (3) stories to retrofit their fire systems with back-flow prevention devices.

Objective 7.5: **Promote water conservation by implementing programs such as the Village's monitoring of water consumption, thus alerting the citizen and Village of possible system difficulties and also encouraging them to conserve water.**

Policy 7.5.1: Review and implement South Florida Water Management District's water conservation guidelines in the process of reviewing applications for development and redevelopment projects, where applicable.

Policy 7.5.2: Use the Village's website and available social media as a vehicle to discuss and promote water conservation within the Village.

Policy 7.5.3: Enhance the program of large diameter meter replacement and water meter testing within the Village.

Policy 7.5.4: Within eighteen months of approval of the most current South Florida Water Management District's Regional Lower East Coast Water Supply Plan Update, the Village shall revise the Potable Water sub-element to include a Water Supply Facilities Work Plan for at least a 10-year planning period addressing water supply facilities necessary to serve existing and new development for which the Village is responsible.

Policy 7.5.5: The Village shall coordinate appropriate aspects of its Comprehensive Plan with the South Florida Water Management District's Regional



Water Supply Plan adopted November 8, 2018, along with the Miami-Dade Water and Sewer Department 20-Year Water Supply Facilities Work Plan (2014 – 2033), adopted February 4, 2015, and its amendments thereto, inclusive of all potable water projects. The Village shall amend its Comprehensive Plan and update its Water Supply Facilities Work Plan within six (6) months of the effective date of this comprehensive plan, or as required to provide consistency with the District and County plans.

Policy 7.5.6: Promote water conservation through the enforcement of the adopted Florida Building Code which requires such items as low-volume commodes, water flow restrictions for showers and spigots and similar devices in all new construction and renovations and will comply with the South Florida Water Management District (SFWMD) use restrictions.

Policy 7.5.7: Continue to cooperate with the South Florida Water Management District (SFWMD) in its efforts to restrict the unnecessary consumption of potable water, particularly as it relates to irrigation, lawn watering, and car washing during periods of drought, supply reduction, and other emergencies.

Policy 7.5.8: Continue to require the use water-efficient landscaping in all new development and redevelopment to minimize the need for irrigation and require functioning rain-sensor devices on all automatic irrigation systems on both new and existing systems.

Policy 7.5.9: Inform residents and businesses of, and shall encourage their participation in, the Miami-Dade County Water and Sewer Department water conservation programs.

Policy 7.5.10: Coordinate local water conservation education efforts with the SFWMD and the Miami-Dade County School Board.

Policy 7.5.11: Encourage the use of low impact development techniques (such as the Florida Water StarSM program, which is a point based, new home certification program for water-efficient developments, similar to the federal Energy Star program).

Policy 7.5.12: Incorporate measures to encourage the use of native landscaping in both private and public development.

Objective 7.6: *Provide adequate, safe, efficient, economical, reliable and environmentally sound infrastructure systems to serve the Village's service customers.*



Policy 7.6.1: Ensure adequate potable water and sewer service is available to serve any future development within the Village prior to approving any proposed development, including water main sizes, and that such infrastructure will be upsized if required based on the proposed development and existing domestic and fire water flow demands.

Policy 7.6.2: Whenever a private sanitary sewer pump station is required to serve future development, the station shall be designed pursuant to section 24-42.2 of the Code and Chapter 62-604 of the Florida Administrative Code.



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NORTH BAY VILLAGE

**Comprehensive
Plan**

**VIII. Coastal
Management
Element**





VIII. COASTAL MANAGEMENT ELEMENT Goals, Objectives, and Policies

GOAL: Protect human life and the environment and limit destruction in areas subject to natural disaster through implementation of hazard mitigation strategies.

To implement this goal, the Village has further established the following objectives and policies.

Objective 8.1: The Village shall continue to coordinate with Miami-Dade County Emergency Operations Center to provide hurricane warning notice and information about evacuation conditions for residents in order to maintain or reduce hurricane evacuation times.

Policy 8.1.1: The Village shall periodically update its Emergency Evacuation Assistance Program to identify and provide notice to citizens who require evacuation assistance.

Policy 8.1.2: The Village shall work with Miami-Dade Transit Authority to ensure adequate transportation is available to all citizens who require such assistance.

Policy 8.1.3: Continue the coordination program with Miami-Dade County on hurricane evacuation of the Village's citizens to County-wide shelters (from the pickup point on Treasure Island).

Policy 8.1.4: Upon posting of a hurricane watch, the Village shall contact Village residents identified through the special assistance survey conducted as per Policy 8.1.1 through e-mail and direct phone calls to urge evacuation and establish the need for evacuation assistance upon posting of a hurricane warning.

Policy 8.1.5: The Village shall coordinate with the County and the South Florida Regional Planning Council to reduce or maintain evacuation time to twelve (12) hours. The Village shall adopt an evacuation policy in concert with Miami-Dade County Emergency Operations Center which immediately informs residents when an evacuation order has been issued.

Policy 8.1.6: Critical evacuation roadway links shall receive high priority for annual maintenance and capital improvement expenditures.



Policy 8.1.7: Hurricane Storm Surge Evacuation Zones shall be the areas designated/delineated by Miami-Dade County, as requiring evacuation and/or early evacuation in any storm event impacting Zone B (Orange Zone).

Policy 8.1.8: The Coastal High-Hazard Area, shall be defined as stated in Florida Statutes Chapter 163, as the areas below the elevation of the category 1 storm surge line as established by a Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model, as described in Florida Statutes 163.3178(2)(h). The area defined should be based upon the most recently available data published by the Florida Division of Emergency Management.

Policy 8.1.9: The Village will conduct specific measures to ensure that properties fronting along the 79th Street (Kennedy) Causeway will conform to the adopted Revitalization Plan for this corridor. As a minimum, these measures shall include:

- a. Make Kennedy Causeway intersections safer.
- b. Creation of an inventory of corridor buildings by age in order to establish which buildings do not conform to Florida Building Code Hurricane Standards.
- c. Annual corridor building inspections by the Village Building Official to determine the status of those structures in relation to Florida Building Code Hurricane Standards.
- d. Continued emphasis on early evacuation measures to ensure that the revitalization strategies maintain or reduce hurricane evacuation clearance times in County-wide or Village initiated early evacuation.
- e. Establishing a cost impact index within one (1) year that determines the potential costs of damages to substantial structures, properties, and infrastructure in the absence of building renovation or replacement under the Village's Revitalization Plan.
- f. Performing yearly inspections to determine risk exposure of water/sewer lines, overhead utility lines, traffic signal heads, and other infrastructure to hurricane storm surges within Zone B (Orange Zone).
- g. Requiring new residential development or redevelopment within the corridor to offset increased demand on shelter space, if warranted, by providing \$200 per shelter space for the demand created or \$70



per residential unit constructed. Such cost is to be funded by the developer of the residential project.

- h. Limiting public expenditures in the Coastal High Hazard Area, except for:
 - 1. upkeep and maintenance of existing infrastructure;
 - 2. provision of public access to the shoreline; and
 - 3. that needed to make public facilities more disaster resistant.
- i. Executing an interlocal agreement(s) with the Village and Miami-Dade County Office of Emergency Management and any other applicable agency such as FDOT, FHP, and any other affected municipality to reduce clearance times during evacuations.
- j. Requiring new development or redevelopment along the corridor water access properties to provide public access to the shoreline areas.
- k. Annual staff reports will be completed recording cumulative impacts on causeway evacuation clearance times based on new residential development or redevelopment in the corridor.

Policy 8.1.10: The Village shall continue to implement programs and policies in conjunction with Miami Dade County to protect residents and businesses from disasters and mitigate hazards. The Village shall implement the post-disaster programs and procedures outlined in the County's Hurricane Procedures, to identify immediate actions necessary to protect the health, welfare, and safety of its residents.

Policy 8.1.11: The Village shall monitor updates to the Miami-Dade County Local Mitigation Strategy (LMS) and the Miami-Dade County Emergency Operations Plan procedures to ensure that all applicable provisions of the hazard mitigation are incorporated and/or addressed in local hazard mitigation procedures.

GOAL: **Provide for increased safe and nondestructive public use of natural coastal resources for North Bay Village.**

To implement this goal, the Village has further established the following objectives and policies.

Objective 8.2: **Increase public access to coastal views and recreational opportunities such as boardwalks, marinas, kayak and canoe launches and fishing**



areas to the extent possible in private development and redevelopment.

Policy 8.2.1: Continue to implement the Village's Island Walk Program and Criteria Development by establishing mechanisms for obtaining public access rights and improvements from new coastal development and redevelopment projects.

Policy 8.2.2: Continue to review and, if necessary, modify zoning regulations to create more opportunities for safe direct water access.

Policy 8.2.3: Ensure that views of the waterfront are not blocked by fencing or other barriers, and that accessible seating and other amenities are provided at the water's edge.

GOAL: **Provide for the conservation and protection of coastal resources.**

To implement this goal, the Village has further established the following objectives and policies.

Objective 8.3: **Continue to regulate and encourage proper coastal management techniques through site plan review and zoning mechanisms.**

Policy 8.3.1: Continue to enforce the ordinance requiring landscapers to store grass clippings in bags.

Policy 8.3.2: Implement and improve shoreline clean-up operations where needed to reduce the amount of debris that accumulates along portions of the Village's shoreline.

Policy 8.3.3: Encourage the use of rip rap as a desirable option when restoring bulkheads to prevent erosion, enhance stability, and improve aquatic habitat.

Policy 8.3.4: Continue to coordinate with Miami-Dade County Department of Regulatory and Economic Resources – Division of Environmental Resources Management on permitting for docks and for coastal development in general.

Policy 8.3.5: Give preference to stormwater management techniques such as berming and backsloping, the use of low maintenance, salt tolerant landscaping, and retention and infilling techniques.

Policy 8.3.6: Continue to monitor all applicable resource protection plans and determine their effect upon existing Village policies and requirements.



Policy 8.3.7: The Village will ensure that any new regulation to protect water resources is consistent with SFWMD's environmental resource permitting and consumptive permitting use permitting rules.

Policy 8.3.8: The Village will ensure that any new regulation to protect water resources is consistent with the most current Miami-Dade County's 20 Year Work Plan and South Florida Water Management District's (SFWMD) environmental resource permitting and consumptive permitting use permitting rules.

Objective 8.4: **Reduce the amount of surface water runoff, if economically feasible.**

Policy 8.4.1: Provide facilities for on-site infiltration or offsite discharge of stormwater, after water quality treatment, to the extent economically feasible, during development or redevelopment of North Bay Village, or during rehabilitation of the stormwater sewer system.

Policy 8.4.2: Maintain or increase unpaved landscape to ease stormwater infiltration. Adhere to native landscaping methods which align to Miami-Dade County's recommended salt tolerant and water absorbent vegetation. The Village will implement landscaping programs and processes via local development review processes, establishing meaningful and legitimate standards and providing salient guidelines for more detailed land development and use regulations in reference to promoting vegetation that is highly water absorbent, can withstand the marine environment, and the impacts of tropical storm winds.

Objective 8.5: **The Coastal High Hazard Areas in the Village shall be the area below the elevation of the category 1 storm surge line as established by a "Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model".**

Policy 8.5.1: The Village shall inventory and identify all reimbursable improvements in the coastal area eligible for federal funding and include this information in the Village's local mitigation strategy plan.

Objective 8.6: **Coastal High Hazard Area Land Use and Infrastructure: Limit Village funds used to improve infrastructure within its planning area that would have the effect of directly subsidizing development above the adopted intensity and density standards of the Village.**



- Policy 8.6.1:** The Village shall not fund any public infrastructure capacity expansion if such funding and such expansion would have the effect of directly subsidizing a specific private development.
- Policy 8.6.2:** Objective 8.6 and Policy 8.6.1 above shall be implemented in such a way as to not preclude the Village's plan to extend sewer lines, improve drainage facilities or reconfigure streets in order to provide adequate infrastructure to serve the Future Land Use Plan development pattern or development for which rights were vested prior to enactment of this Plan.
- Policy 8.6.3:** The Village shall prohibit any future proposed land use amendment and/or development or redevelopment activity which would increase the adopted density/intensity of the Coastal High Hazard Area as it currently is defined.
- Policy 8.6.4:** The Village will conduct yearly inventories of existing infrastructure focusing on the condition of water, sewer, and stormwater runoff systems. This analysis will determine if the existing systems need to be repaired, expanded, or replaced to maintain adopted level of service standards and meet infrastructure demands of proposed developments.
- Policy 8.6.5:** Funding for infrastructure improvements necessary to meet the demands generated by the development or redevelopment will be part of the Village's yearly updating process in its Capital Improvements Plan. Funding phasing for the infrastructure improvements will coincide with these development demands. The Village shall not fund infrastructure improvements (or increase infrastructure capacity) that would support population densities and intensities above the levels allowed for in the Future Land Use map.
- Policy 8.6.6:** The Village shall support development measures which integrate innovative climate adaption and mitigation designs where possible.
- Objective 8.7:** **The Village shall address and prepare for the impacts of sea level rise. All infrastructure projects must consider potential impacts of sea level rise during all project phases. The Village manager will evaluate sea level rise risks to existing infrastructure.**
- Policy 8.7.1:** The Village shall regularly collaborate with stakeholders to analyze the best available data and maintain efforts to identify and understand the risks, vulnerabilities and opportunities for strategies within the updated



planning horizons and projections set by the Southeast Florida Regional Climate Compact. The Village will adjust and change planning horizons and projections to continue to meet the standard proposed by the Compact.

- Policy 8.7.2:** The Village shall determine a procedure to review vulnerable critical facilities and assets and rank them relative to importance, level of vulnerability, and life expectancy
- Policy 8.7.3:** The Village shall educate property owners about mitigation strategies they can implement to protect their property.
- Policy 8.7.4:** New development will be required to meet new building standards as determined by the Village and or State as applicable.
- Policy 8.7.5:** The Village shall address recurring flooding issues by implementing the 2022 *Stormwater Master Plan*.
- Policy 8.7.6:** The Village shall review the Florida Department of Economic Opportunity's "Community Resiliency Initiative: Planning for Sea Level Rise," as well as other state and federal planning resources, as part of its efforts to establish effective strategies to plan for and adapt to sea level rise. In examining the statewide planning framework, the Village can better determine how best to integrate sea level rise adaptation policies into existing processes.
- Policy 8.7.7:** The National Oceanic and Atmospheric Administration (NOAA) Sea Level Rise Inundation Methodology will continue to be used to model current and future sea level rise, compounded with extreme tides.
- Policy 8.7.8:** The Village shall continue to coordinate with the Miami-Dade Water and Sewer Department and other municipalities in Miami-Dade County to improve the resiliency of key water and wastewater infrastructure.
- Policy 8.7.9:** The Village shall monitor planning guidance, modeling and vulnerability analysis methodologies, effective modes for communicating sea level rise risks, and continually request technical assistance to support sea level rise adaptation policies from the State of Florida, South Florida Regional Planning Council, Miami-Dade County, the Southeast Florida Regional Climate Compact, and the Department of Economic Opportunity. The Village shall coordinate with the Southeast Florida Regional Climate Compact for needed support in data and analysis regarding sea level rise vulnerability for the Village.



Policy 8.7.10: The Village shall continue the process of lining of wastewater pipes and shall continue to evaluate and implement measures where feasible to flood proof coastal pumping stations and electrical facilities in vulnerable areas.

Policy 8.7.11: The Village shall continue to reinforce increased inflow into the storm water system in vulnerable areas by installing flap gates, sleeve valves and/or duckbill valves as appropriate and:

1. Continue to evaluate the need for new pumping stations in vulnerable areas.
2. Continue to ensure development and redevelopment consider the best available data on minimum floor elevation, including FEMA flood zones.

Policy 8.7.12: The Village shall coordinate with Miami-Dade County to identify Adaptation Action Areas within the Village and assist with multi-jurisdictional solutions to address identified vulnerabilities.

Policy 8.7.13: The Village shall continue to identify and address public buildings and infrastructure vulnerable to sea level rise and other climate change related impacts. This analysis shall include public buildings, water and wastewater systems, transmission lines and pump stations, stormwater systems, roads, libraries, parks, fire and police stations and facilities.

Policy 8.7.14: The Village shall identify funding sources to address identified vulnerabilities with priority given to addressing vulnerabilities to critical facilities and infrastructure.

Policy 8.7.15: The design, location and development of infrastructure and buildings operated by or on behalf of the Village shall include evaluation of sea level rise utilizing the *Unified Sea Level Rise Projection Report (2019)*, prepared by the Southeast Florida Regional Climate Change Compact.

Policy 8.7.16: In order to address and adapt to the impacts of climate change, the Village shall continue to improve analysis and mapping capabilities for identifying areas of the Village vulnerable to sea level rise, tidal flooding, and other impacts of climate change.

Objective 8.8: ~~The Village shall provide immediate response to post-hurricane situations in concert with its post-disaster redevelopment plan, to be adopted within one year of this Plan's adoption, which will reduce or~~



eliminate the exposure of human life and public and private property to natural hazards.

Policy 8.8.1: After a hurricane, but prior to re-entry of the population into evacuated areas, the Village Commission shall meet to hear preliminary damage assessments, appoint a Recovery Task Force, and consider a temporary moratorium of building activities not necessary for the public health, safety, and welfare.

Policy 8.8.2: The Recovery Task Force shall include the Building Official, Public Works Director and other Village staff members as directed by the Village Commission. Staff shall be provided by the Departments whose Directors sit on the Task Force. The Task Force shall be terminated after implementing its responsibility.

Policy 8.8.3: The Recovery Task Force shall review and decide upon emergency building permits; coordinate with Miami-Dade County, State and Federal Officials to prepare disaster assistance applications; analyze and recommend to the Village Commission hazard mitigation options including reconstruction or relocation of damaged public facilities; develop a redevelopment plan; and recommend amendments to the Village's Comprehensive Plan, Miami-Dade County's Emergency and Evacuation Assistance Program, and other appropriate policies and procedures.

Policy 8.8.4: The Recovery Task Force shall propose immediate repair and clean-up actions needed to protect the public health and safety of citizens including repairs to potable water, wastewater, and power facilities; removal of building and/or vegetative debris; stabilization or removal of structures about to collapse; and minimal repairs to make dwelling habitable such as minor roof repairs and other weatherproofing/security measures. These actions shall receive first priority in permitting decisions. Long term redevelopment activities shall be postponed until the Recovery Task Force has completed its tasks.

Policy 8.8.5: The Recovery Task Force shall propose Comprehensive Plan amendments which reflect the recommendations in any interagency hazard mitigation reports or other reports prepared pursuant to Section 406 of the Disaster Relief Act of 1974 (PL93-288).

Policy 8.8.6: If rebuilt, structures which suffer damage in excess of fifty percent (50%) of their appraised value shall be rebuilt to meet all current requirements, including those enacted since construction of the structure.



- Policy 8.8.7:** Structures which suffer recurring damage to pilings, foundations, or load-bearing walls shall be required to rebuild landward of their current location to modify the structure to structurally enhance the structure, institute other mitigation measures, or delete the areas most prone to damage.
- Policy 8.8.8:** Repair or reconstruction of the existing seawalls in the Village must be accompanied by appropriate shoreline protection, revetment or rip-rap, in order to maintain the stability of the seawall and the conditions of the adjacent navigable waters.
- Policy 8.8.9:** Following a natural disaster, and prior to the implementation of long-term redevelopment, the Village shall do the following: Based upon the damage assessment report prepared by the Miami-Dade Transportation and Public Works Department, the Village shall consult with its Public Works officials and consultant engineer to evaluate options for damaged public facilities including abandonment, repair in place, relocation, and repair with structural modification, to determine the most strategic approach to long-term development. The evaluation shall include, but not be limited to, issues pertaining to damage caused by natural disaster, cost to construct repairs, cost to relocate, cost to structurally modify, limitations of right-of-way, and maintenance costs.
- Policy 8.8.10:** Structures existing within the Coastal High Hazard Area which suffer recurring damage (damage in excess of fifty percent [50%] of current replacement cost of construction) shall be modified in accordance with the most recent Florida Building Code requirements. This may include, but is not limited to, retrofitting, stormproofing, and other structural upgrades to structures.
- Policy 8.8.11:** Structures which are damaged in excess of fifty percent (50%) of their current replacement value shall be required to be rebuilt to meet all current land development requirements as determined by the Village Building Official.
- Policy 8.8.12:** The Village shall utilize the following criteria to distinguish between immediate repair and clean up actions and long-term redevelopment subsequent to a natural disaster.
1. *Potable Water Facilities:* Immediate repair shall include implementation of necessary actions, including but not limited to, repairing or replacing water lines and plumbing facilities to ensure a



closed system, proper disinfection, and sufficient pressure to meet demands for fire flow and domestic water (for consumption purposes only), the utilization of auxiliary pumps and electrical generators.

Long-term redevelopment shall include implementation of the necessary actions to return the Village's water distribution system to at least its condition prior to the onset of the natural disaster. This may include relocation of facilities, retrofitting, stormproofing, and other structural upgrading.

2. *Wastewater Facilities:* Immediate repair shall include implementation of necessary actions, including but not limited to, repairing or replacing wastewater lines and pumping facilities, utilization of auxiliary pumps and electrical generators, and methods to remove and treat raw sewage to avoid discharge of raw sewage into adjacent water bodies and onto land.

Long-term redevelopment shall include implementation of necessary actions to return the Village's sanitary sewer system to at least its condition prior to the onset of the natural disaster. This may include relocation of facilities, retrofitting, stormproofing, and other structural upgrading.

3. *Drainage Facilities:* Immediate repair shall include implementation of necessary actions, including but not limited to, the removal of sand and debris from drainage structures, pumping of stormwaters, utilization of temporary electrical generators to ensure function of the system to address potential flooding.

Long-term redevelopment shall include: Implementation of actions necessary to return the Village's stormwater system to at least its condition prior to the onset of the natural disaster. They may include relocation of facilities, retrofitting, stormproofing, and other structural upgrading.

4. *Habitable Structures:* Immediate repair shall include removal of debris and vegetation; stabilization or removal of structures about to collapse and minimal repairs to make dwellings and other structure habitable such as minor roofing repairs and other weatherproofing/security measures. In these instances, building permits shall not be necessary prior to performing the work but retroactive permits shall be required in accordance with the provisions set forth in Ordinance No. 92-99 of Miami-Dade County, Florida.

Long-term redevelopment activities shall include normal construction activities for rebuilding and/or substantial structural



repairs in accordance with the Florida Building Code and other limitations contained within the Village's Comprehensive Plan and Land Development Regulations.

Objective 8.9: **The Village will achieve a flood resilient community status by phasing out inappropriate and unsafe development in the coastal areas when opportunities arise, using studies, surveys, and data to assess flooding risks which result from high-tide events, storm surge, flash floods, stormwater runoff, and the related impacts of sea level rise. Assessments will provide the basis for redevelopment practices as identified by the Peril of Flood legislation, (Section 163.3178, F.S.).**

Policy 8.9.1: The Village shall evaluate Miami-Dade County and other local government post-disaster guidelines and propose appropriate guidelines for post-disaster development. The proposed guidelines will also address the relocation, mitigation, or replacement of Coastal High Hazard Area infrastructure and will implement the Village's coastal management element. The post-disaster guidelines shall distinguish between the recovery phase and long-term redevelopment including the removal, relocation, or structural modifications of damage and unsafe structures and infrastructure.

Policy 8.9.2: The Village will implement development and redevelopment principles, strategies, and engineering solutions that reduce the flood risk in coastal areas. The process for making long-term redevelopment decisions in a post disaster period shall be consistent with the following general guidelines and principles for the relocation, removal or modification of damaged structures:

1. Identify site development techniques and best practices that may reduce losses due to flooding and claims made under flood insurance policies issued in this state.
2. Be consistent with, or more stringent than, the flood-resistant construction requirements in the Florida Building Code and applicable flood plain management regulations set forth in 44 C.F.R. part 60.
3. In order to reduce flood risk from, or associated with, high-tide events, storm surge, flash floods, stormwater runoff and the impacts related to sea-level rise, continue to promote the use of the development and redevelopment principles, strategies and engineering solutions contained in the supplemental data and analysis report from the South Florida Regional Planning Council, the Florida Building Code and the Village's Unified Land Development Code.



Policy 8.9.3: The Village adopts the following definitions for making decisions pertaining to redevelopment in the Coastal High Hazard Area.

1. Based upon the following definitions, all rebuilding activities shall be subject to Coastal Construction Code Standards and Coastal High Hazard Area limitations:
 - a. “*Repair*” means the restoration of a portion of the structure, including the foundation of the structure, to its original design configuration of an equivalent structural standard. Repair of a structure assumes that a significant portion of the structure, including its foundations, remains intact. If the supported structure or its foundation has collapsed to the point that either the supported structure or the foundation requires substantial rebuilding, then such activity shall not constitute repair. If a structure, as a result of damage to either the supported structure or the foundation, is no longer habitable, such structure shall be presumed to require substantial rebuilding.
 - b. “*Rebuilding*” means any construction activity including alteration of an existing foundation, which would result in structural stability such that the survivability of the structure during a coastal storm is increased. Rebuilding shall also include any construction activity which, as noted above, involves the substantial rebuilding of either the supported structure or the foundation of the structure.
2. Rebuilding (as defined above) activities will be in accordance with Florida Department of Environmental Protection’s requirements for development seaward of the Coastal Construction Control Line, and all structural requirements of the Florida Building Code. Further, prior to approving such redevelopment activities, the Village shall require the applicant to provide documentation that the structure being built is as landward as possible from the Federal Emergency Management Agency Velocity Zone and the Coastal Construction Control Line. The applicant shall provide proof that the structure cannot be moved any further landward on the lot without causing harm to public health and safety. The Village may vary building setback requirements in order to accomplish the intent of this policy.
3. The Village shall keep a record of all repairs and rebuilding activities. Structures may not be rebuilt (as defined above) more than twice in any 100-year period in the Velocity Zones

Policy 8.9.4: The Village shall identify land and structures in the Coastal High Hazard Area, inventory their assessed value, judge the utility of land for public use and make recommendations for acquisition when post-disaster opportunities arise. Because of the extremely high land and existing



structure costs in the Village, should acquisition opportunities arise, the Village will explore funding options such as grants and/or loans.

Policy 8.9.5: When undertaking post-disaster redevelopment activities, development permits may be waived for short term recovery measures such as: emergency repairs to streets, water, electricity, or other utilities to restore service; removal of debris; and public assistance matters including temporary shelter or housing.

Policy 8.9.6: In planning post-disaster redevelopment activities for repair and clean up, factors to be considered in order to protect the public health and safety shall include:

1. Repairs to potable water, wastewater and power facilities.
2. Removal of debris.
3. Stabilization or removal of structures in a perilous conditions.
4. Minimal repairs to make structures habitable.

These conditions shall receive first priority in determining the appropriateness of emergency building permits. Long-term redevelopment activities shall be postponed until the Recovery Task Force has coordinated immediate repair and clean-up operations.

Policy 8.9.7: Permitting Decision Priorities. Immediate recovery actions needed to protect the public health and safety shall take priority in permitting decisions following hurricane or other storm events or natural disasters. Such priority actions will include, but not be limited to, debris removal: roadway and infrastructure repair: water use restrictions, if necessary: access restrictions, if required to protect lives or property, and other similar activities needed to assure the safe movement of people, goods and supplies within the impacted area. Long term repair or recovery actions, such as relocating infrastructure, rebuilding of damaged structures and the like, will be distinguished from the short-term actions herein described.

Policy 8.9.8: The applicable provisions of the Florida Building Code relating to hurricane precautions inspections and permitting are hereby adopted by reference.

Policy 8.9.9: The Village adopts the following criteria relating to the consideration of relocating public infrastructure, cognizant of the Village's geographic limitations and development status:

1. The land upon or under which the infrastructure existed is gone or reconfigured so that replacement is not possible technically or financially as determined by the Village Commission.



2. The costs of repairs or retrofitting versus relocation costs.
3. Opportunities arising out of acquisition of land by the Village or other government entity.

Policy 8.9.10: Notwithstanding the preceding policies, no regulations, permitting procedure or post disaster redevelopment planning shall be approved or applied to property, as the case may be, so as to constitute a taking or inordinately burden an existing use of real property or a vested right to a specific use of real property within the meaning of the Bert J. Harris, Jr., Private Property Rights Protection Act, codified as Section 70.001, Florida Statutes.

Policy 8.9.11: The Village recognizes that certain vested development rights may exist for property within the Village. The Village will consider such claims after a petition is made to the Village and, after due public hearings, the Village Commission may grant approval to the request. The documentation for a claim shall follow the procedures found in Section 2-114.1, Code of Miami-Dade County, Florida.

Policy 8.9.12: Adaptation strategies may apply to the Village's Unified Land Development Code, as well as the Comprehensive Plan. Through implementation of all plans, the Village will continue to ensure that all new buildings or structures shall meet, or exceed, the flood-resistant construction requirements of the Florida Building Code and federal flood plain management regulations including for wind, flood proofing and storm surge protection.

Policy 8.9.13: The Village will continue to work with the South Florida Regional Planning Council and other agencies at the local, County, Regional, State, Federal, and global levels to address climate change and to encourage best practices with regards to redevelopment and flood mitigation.

Policy 8.9.14: The Village will continue to investigate participation in the National Flood Insurance Program Community Rating System.



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NORTH BAY VILLAGE

**Comprehensive
Plan**

**IX. Conservation
Element**





IX. CONSERVATION ELEMENT

Goals, Objectives, and Policies

Goal: Promote the protection and conservation of the Village's natural resources.

To implement this goal, the Village has further established the following objectives and policies.

Objective 9.1: Continue to aid Miami-Dade County in its goals of meeting Environmental Protection Agency air quality standards

Policy 9.1.1: Reduce points of traffic congestion.

Policy 9.1.2: Enforce regulations requiring all construction equipment to have appropriate emission control devices.

Objective 9.2: Continue to protect the quality of the surrounding bay waters and aid Miami-Dade County in achieving its goal of meeting applicable federal, state, and local surface water quality standards.

Policy 9.2.1: Continue street sweeping and solid waste collection efforts which provide for the reduction of stormwater and groundwater contamination.

Policy 9.2.2: Continue the installation of drainage wells in connection with the rehabilitation of drainage systems and with redevelopment projects.

Policy 9.2.3: Comply with Miami-Dade County Department of Regulatory and Economic Resources – Division of Environmental Resources Management requirements on any new stormwater systems for new developments.

Policy 9.2.4: Continue to enforce all Village regulations related to the disposal of garbage, lawn cuttings, etc. into the bay.

Policy 9.2.5: Redevelop existing stormwater facilities to reduce their contribution to flooding and pollution.

Policy 9.2.6: The Village shall revise and update the Conservation Element to assess projected water needs and sources for at least a 10-year planning period considering the latest South Florida Water Management District's Lower East Coast Water Supply Plan Update.



Policy 9.2.7: The Village will ensure that any stormwater management, aquifer recharge, and water reuse policies and projects are consistent with the Village's Water Supply Work Plan Update, the ~~2014~~ Miami-Dade County 20-year Work Plan, and the South Florida Water Management District's 2013 Regional Supply Plan Update.

Policy 9.2.8: The Village will ensure that any new regulation to protect water resources is consistent with the most current Miami-Dade County's 20 Year Work Plan and South Florida Water Management District's (SFWMD) environmental resource permitting and consumptive permitting use permitting rules.

Policy 9.2.9: The Village recognizes that it relies upon the Miami-Dade County Water and Sewer Department facilities for the provision of potable water for its residents, businesses and visitors, and as such the Village is within the SFWMD and that the continued supply of potable water will be dependent upon all local governments striving to maintain demand for potable water at sustainable levels. As such, the Village will:

- a. Continue to maintain relationships with the SFWMD and the Miami-Dade County Water and Sewer Department to maintain or reduce potable water consumption through education, conservation, and participation in ongoing programs of the region, county and Village including coordinating local conservation education efforts with the SFWMD and the Miami-Dade County Water and Sewer Department programs.
- b. Require landscaping in all new development or redevelopment to use water-efficient landscaping and require functioning rain-sensor devices on all automatic irrigation systems on both new and existing systems.
- c. The Village shall inform residents and businesses of, and shall encourage their participation in, the Miami-Dade County Water and Sewer Department water conservation programs.

Objective 9.3: Continue to protect the habitat of aquatic life surrounding the islands

Policy 9.3.1: Before the reconstruction of any seawalls (including the replacement of panels and driving of piles) consult with Miami-Dade County Department of Regulatory and Economic Resources– Division of Environmental Resources Management as to the methods and types of construction to be used.



Policy 9.3.2: Require compliance with Miami-Dade County Department of Regulatory and Economic Resources – Division of Environmental Resources Management requirements for seawall construction.

Objective 9.4: **The Village will continue to protect and enhance the natural plant communities within the Village.**

Policy 9.4.1: The Village will remove and prohibit exotic or nuisance vegetation on public lands.

Policy 9.4.2: The Village will encourage restoration of natural plant communities through landscaping with native plants.

Policy 9.4.3: The Village will seek funding from local, state, and federal sources for protection and restoration of natural plant communities.

Objective 9.5: **Promote resilient and environmentally sustainable developments that protect and enhance the natural features of the Village.**

Policy 9.4.45.1: The Village will enhance the Kennedy Causeway by requiring new development in their design and layout to enhance bay views, create signage at key entry points and add landscaping including water features.

Policy 9.4.5.2: The Village will create an Urban Design and Streetscape Master Plan for East and West Drives on Harbor Island.

Policy 9.4.65.3: In order to enhance conservation, the Village will continue to promote, monitor and calibrate, as necessary, the implementation of the Island Walk Design Criteria Package.

Policy 9.4.75.4: The Village shall implement programs and policies which prevent erosion on the bridge area located in the north entrance of the Village.



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NORTH BAY VILLAGE

Comprehensive Plan

X. Recreation
and Open
Space Element





X. RECREATION AND OPEN SPACE ELEMENT

Goals, Objectives, and Policies

Goal 10: Provide for the recreational and open space needs of all Village residents.

To implement this goal, the Village has further established the following objectives and policies.

Objective 10.1: Obtain additional recreation and open space sites and/or facilities in the Village.

Policy 10.1.1: Assess the full recreational needs of the Village consistent with a changing demography.

Policy 10.1.2: Include a definition of open space in the zoning code. The definition should include “undeveloped lands suitable for passive or active recreation or conservation uses.”

Policy 10.1.3: Adopt 1.5 acres per 1,000 population as the level of service for park and recreation facilities, which shall include the Island Walk and waterfront areas otherwise available to the residents.

Policy 10.1.4: Define specific standards to be used in land regulations for improving public access to the waterfront.

Policy 10.1.5: Develop incentives for public/private joint ventures to allow public use of under-utilized private recreational facilities and undeveloped land.

Policy 10.1.6: Continue to identify potential parcels, of land or facilities that the Village may acquire for recreational purposes and leverage private development opportunities to expand public recreation space.

Policy 10.1.7: The Village shall implement the Island Walk Program which requires as a part of waterfront development and redevelopment to provide a bay walk on the north/east side of Treasure Island, and applicable areas of Harbor Island which will afford all residents of the Village access to the waterfront for walking and other passive activities.

Policy 10.1.8: Continue to maintain and improve the existing tot lot and encourage the development of pocket parks where opportunities exist.

Policy 10.1.9: Continue to work with the Miami-Dade County Public Schools Board for the use of its facilities on the Treasure Island Elementary School site.



Policy 10.1.10: Develop incentives for developers to provide recreational facilities within their developments or redevelopments.

Policy 10.1.11: The Village shall improve lighting on the bridges and seawalls around the islands.

Policy 10.1.12: The Village shall promote waterfront amenities such as boardwalks and boating access to the north shore and encourage small marinas.

Objective 10.2: **Consider negotiations to obtain the use of recreation and open space sites and/or facilities in nearby areas through contractual agreements with the appropriate agencies.**

Policy 10.2.1: As necessary, enter into agreement for access to and use of recreation and open space sites and/or facilities in nearby areas with the appropriate agencies.

Policy 10.2.2: The Village shall form partnerships with adjacent municipalities to improve access to public community facilities such as swimming pools.

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NORTH BAY VILLAGE

Comprehensive Plan

XI.
Intergovernmental
Coordination
Element





XI. INTERGOVERNMENTAL COORDINATION ELEMENT

Goals, Objectives, and Policies

Goal: Maintain effective coordination, communication, and cooperation between the Village and county, state, federal, and related agencies.

To implement this goal, the Village has further established the following objectives and policies.

Objective 11.1: Continue to participate in the monitoring mechanism which enables the Village to keep abreast of the regulatory responsibilities and plans of other units of local government providing services but not having regulatory authority over the use of land and to achieve coordination of all development activities of these units.

Policy 11.1.1: Continue to monitor the actions of the appropriate agencies and keep abreast of publications documenting agency plans.

Policy 11.1.2: Continue to require elected officials and/or staff to participate in intergovernmental coordination activities with the identified agencies.

Policy 11.1.3: Appoint Village citizens to local, county, regional, and state advisory committees when the opportunity arises to promote the interaction between different levels of government.

Policy 11.1.4: Allow the responsibility for developing and maintaining the intergovernmental coordination to remain with the Village Manager.

Policy 11.1.5: Maintain formal liaisons with the appropriate county and state departments which have policy and permitting responsibilities for Biscayne Bay.

Policy 11.1.6: Coordinate with service providers that have no regulatory authority over the use of land in the Village to develop recommendations that address ways to improve coordination of the Village's concurrency management methodologies and systems, and levels of services.

Objective 11.2: Ensure the compatibility between the Comprehensive Plan of the Village and those of neighboring local governments, Miami-Dade County, the South Florida Regional Council, and the State of Florida, both in plan preparation and implementation, and designate the South Florida Regional Council as the forum to mediate any disputes.



- Policy 11.2.1:** Continue to review plan amendments of other governmental entities to determine how such amendments may affect the Village.
- Policy 11.2.2:** Continue to attend planning coordination meetings of such agencies throughout their planning periods.
- Policy 11.2.3:** Use the South Florida Regional Council for informal mediation when development issues cross jurisdictional lines and cannot be resolved by the Village alone.
- Policy 11.2.4:** Obtain copies of plans that will be completed after the Village plan has been adopted, and review for compatibility.
- Policy 11.2.5:** Coordinate the plans of County, as well as adjacent communities, with the Village's Comprehensive Plan to address joint infrastructure service areas.
- Policy 11.2.6:** Create an interlocal agreement with adjacent municipalities and Miami-Dade County for greater efficiency and effectiveness in extra-jurisdictional service delivery areas.
- Policy 11.2.7:** Conduct a review of Village locational standards to determine whether conflicts exist between Village regulations and neighboring jurisdiction regulations, what can be done to resolve any conflicts found, and any improvement in the effectiveness or efficiency to be gained through a county-wide approach to standards that would be more uniform in their application.
- Policy 11.2.8:** Coordinate with Miami-Dade County and adjacent municipalities within the County in the development, review, and recommendation of efficient county-wide guidelines to coordinate the location of problematic land uses.
- Objective 11.3:** **Continue to meet with state, regional, or local entities having operational or maintenance responsibilities for public facilities within the Village for the purpose of maintaining current levels of service standards for such facilities.**
- Policy 11.3.1:** Continue to notify the appropriate entities having operational or maintenance responsibilities of any problems arising within the Village that may impact the provision of regional levels of service.
- Policy 11.3.2:** North Bay Village shall use the South Florida Regional Council's dispute resolution process when necessary to mediate the resolution of conflicts with other local governments and regional agencies. The Village may



use alternative procedures whenever appropriate for the matter of imminent dispute, including agreements authorized by Section 163.3177, F.S., or other non-judicial approaches.

- Policy 11.3.3:** The Village, although not currently impacted, shall enter into any appropriate agreement with the State of Florida University System or the Miami-Dade County School Board implementing the requirements of Section 1013.30, F.S., regarding campus master plans.
- Policy 11.3.4:** During pre-development program planning and site selection activities, the Village, as service provider, will coordinate with the Miami-Dade County Public School system to consider all reasonable opportunities to co-locate new libraries, parks, and other facilities with public schools, where compatible, and the potential exists to create logical focal points for community activity. Early review and coordination activities will be modified as necessary to timely consider these potentials.
- Policy 11.3.5:** North Bay Village will maintain, as a particular area of attention in its planning program, a systematic review of the aesthetics and physical conditions between its boundary and those between unincorporated areas and other cities in an effort to improve the appearance of these areas and the compatibility and transition between the adjoining communities. Joint planning area agreements will be implemented if appropriate.
- Policy 11.3.6:** The Village shall coordinate with the South Florida Water Management District by requesting the District to review the Village's Plan to ensure that the Comprehensive Plan is consistent with the District's Lower East Coast Water Supply Plan Update.
- Policy 11.3.7:** Establish, by formal agreements with affected governmental entities, coordinated planning efforts for the development of public facilities and services.
- Policy 11.3.8:** Annually, or on an as-needed basis, review the services planning and provision responsibilities of the Florida Department of Transportation (state and federal roadways), the South Florida Water Management District (drainage and potable water supply), and the South Florida Regional Council (regional policies) for coordination with Village needs.
- Policy 11.3.9:** Coordinate with Miami-Dade County for the provision of county-wide facilities (solid waste disposal, et cetera).
- Policy 11.3.10:** Coordinate with the TPO, FDOT, the County, and the Miami-Dade County Transit Authority for the provision of bridges, major transportation facilities, and mass transit.



- Policy 11.3.11:** Forward to the South Florida Regional Council and the Miami-Dade County Emergency Management Office notice of all proposed future land use policies regarding hurricane shelters and evacuation routes to determine shelter space availability and the effect of the increasing population on evacuation clearance times and routes.
- Policy 11.3.12:** Review the South Florida Regional Council's Hurricane Evacuation study for issues pertaining to requests for additional residential density increases and the general application of residential future land use densities in coastal high hazard areas.
- Policy 11.3.13:** Continue to establish level of service standards for facilities within the Village limits and take measures where applicable, to assure that the facilities meet the established Levels of Service. Such measures shall include maintenance and repair of utility lines, streets and other service avenues.
- Policy 11.3.14:** Coordinate the Village's transportation needs with the needs of other municipalities within the County and FDOT.
- Policy 11.3.15:** Forward all requests for access to County of state-maintained roadways to each respective agency for comments concerning their respective plan policies.
- Policy 11.3.16:** Within eighteen months of approval of the South Florida Water Management District's most current Regional Lower East Coast Water Supply Plan Update, the Village shall revise the Potable Water sub-element to include a Water Supply Facilities Work Plan for at least a 10year planning period addressing water supply facilities necessary to serve existing and new development for which the Village is responsible. *(Same as Policy 7.5.4. from Infrastructure & Aquifer Recharge Element)*
- Policy 11.3.17:** The Village shall issue no development orders or development permits without first consulting with Miami-Dade County Water and Sewer Department (the Village's potable water service provider) to determine whether adequate water supplies to serve the development will be available no later than the anticipated date of issuance by the Village of a certificate of occupancy or its functional equivalent. The Village will also ensure that adequate water supplies and facilities are available and in place prior to issuing a certificate of occupancy or its functional equivalent.
- Policy 11.3.18:** The Village will participate in the development of updates to SFWMD's Water Supply assessment and district Water Supply Plan and in other



water supply development related initiatives facilitated by the SFWMD that affects the Village.

Policy 11.3.19: The Village shall coordinate with the Village's Public Works Department, Miami-Dade County Water and Sewer Department, Miami-Dade County Department of Regulatory and Economic Resources – Division of Environmental Resources Management, SFWMD and the Lower East Coast Water Supply Plan Update to ensure that the Village's estimates and projections for potable water demand are incorporated into the County's estimates of demand. In addition, the Village will:

- a. Continue to maintain relationships with SFWMD and Miami-Dade County Water and Sewer Department to maintain or reduce potable water consumption through education, conservation, and participation in ongoing programs of the region, county and local jurisdictions including coordinating local conservation education efforts with SFWMD and Miami-Dade County programs.
- b. Continue to coordinate, as appropriate, with the Village's Public Works Department, Miami-Dade County Water and Sewer Department, and SFWMD regarding water supply issues. The coordination efforts will include, but not be limited to, sharing of information regarding water supply needs, implementing alternative water supply projects (including reuse and other conservation measures), and establishing level of service standards.

Objective 11.4: **Develop Village population projections for greater planning coordination with the County.**

Policy 11.4.1: Regularly update population projections for consideration of inclusion in the Comprehensive Plan, including population generated by approved development.

Policy 11.4.2: Coordinate with the County to develop county-wide population projections of expected growth for the community.

Policy 11.4.3: Forward comprehensive plan population projections to the School Board for projected growth and development consideration relating to School Board 5-, 10-, and 20-year facility plans.

Policy 11.4.4: The Village shall enter an interlocal agreement with Miami-Dade County and/or the South Florida Regional Council to address the housing affordability shortage in the Village and to provide housing affordability options for employees working in the Village.



Objective 11.5: Coordinate school siting efforts with the Miami-Dade County School Board.

Policy 11.5.1: Cooperate with the School Board in their effort to update the "Process/Procedures Manual" for public school siting reviews for greater accomplishment of comprehensive plan objectives and policies.

Policy 11.5.2: Cooperate with the School Board to establish provisions for a scoping process for educational facilities review.

Policy 11.5.3: Annually review the School Board's plans for public school siting within its jurisdiction to ensure consistency with the comprehensive plan. This review shall include the School Board's 5, 10, and 20-year facility plans, as well as plans to locate specific new school sites or expand existing schools.

Policy 11.5.4: Annually review the School Board's 5, 10, and 20-year facility work programs (School Plant Surveys) for coordination with the comprehensive plan.

Policy 11.5.5: COORDINATION OF PUBLIC SCHOOLS FACILITIES PLANNING. North Bay Village and Miami-Dade County Public Schools shall follow the procedures established in the adopted "Amended and Restated Interlocal Agreement for Public Schools Facilities Planning in Miami-Dade County" and the Comprehensive Plan's Public School Facilities Element and the Capital Improvements Element for coordination and collaborative planning and decision making of land uses, public school facilities siting, decision making on population projections, and the location and extension of public facilities subject to concurrency.

The Village shall abide by all of its obligations as set forth in the adopted Amended and Restated Interlocal Agreement for Public Schools Facilities Planning in Miami-Dade County, Florida Statutes, and the Comprehensive Land Use Plan's Educational Element, Intergovernmental Coordination Element, and Capital Improvements Element. Coordination of the Interlocal Agreement, and the Village's obligations therein, shall be achieved via participation in the established Staff Working Group of the Interlocal Agreement.

Policy 11.5.6: ACHIEVING LOS STANDARDS FOR PUBLIC SCHOOLS. North Bay Village shall coordinate with Miami-Dade County Public Schools and other parties to the adopted Interlocal Agreement for Public Schools Facilities Planning to establish, promote, and achieve Level of Service Standards for public school facilities and any amendments affecting public school concurrency.

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NORTH BAY VILLAGE

Comprehensive Plan

XII. Capital
Improvements
Element





XII. CAPITAL IMPROVEMENTS ELEMENT

Goals, Objectives, and Policies

GOAL: Adequately provide needed public facilities to all residents within the Village’s jurisdiction so as to protect investments in existing facilities, maximize the use of existing facilities, and promote orderly compact urban growth.

To implement this goal, the Village has further established the following objectives and policies.

Objective 12.1: The five-year Capital Improvements Plan will be updated annually to maintain its financial feasibility, which assures the adopted level of service standards will be achieved and maintained.

Policy 12.1.1: Conduct a review of community needs each year and analyze potential revenues to balance the proposed Capital Improvements Plan costs.

Policy 12.1.2: The Village shall include all capital improvement projects identified in the elements of this Comprehensive Plan as involving infrastructure, equipment purchases, or construction which results in a capitalized asset costing more than \$10,000.00 and having a useful (depreciable life) of two years or more.

Policy 12.1.3: The Village shall, as a matter of priority, schedule for funding any capital improvement projects in the five-year Schedule of Improvements which are designed to correct existing public facility deficiencies.

Policy 12.1.4: Proposed capital improvement projects shall be evaluated and ranked in order of priority according to the following guidelines.

1. Whether the project is needed to protect public health and safety, to provide facilities and services, or to preserve or achieve full use of existing facilities, or to maintain or repair existing facilities;
2. Whether the project increases efficiency of use of existing facilities, prevents or reduces future improvements costs, provides service to developed areas lacking full service, or promotes in-fill development; and
3. Whether the project represents a logical extension of facilities and services.



Policy 12.1.5: North Bay Village shall manage the land development process so that public facility needs of future development created by previously issued land development orders do not exceed the Village's ability to ensure provision of needed capital improvements. As part of the development approval process, applicants will be required to submit Letters of Availability from appropriate water and sewer utilities.

Policy 12.1.6: The Village shall use level of service standards adopted in the various elements of this Comprehensive Plan in reviewing the impacts of new development and redevelopment upon public facility provision. The adopted levels of service shall be as follows:

Local Roads	C
Wastewater	110 gpd per capita
Potable Water	110 gpd per capita
Solid Waste	4 lbs per person per day
Parks	1.5 acres per 1,000 population
Schools	100% utilization of Florida Inventory of School Houses (FISH) Capacity (with relocatable classrooms).

Policy 12.1.7: The Village shall continue to maintain the Updated and Restated North Bay Village and Miami-Dade County School Board Interlocal Agreement for Public School Facility Planning which shall address coordinating of new schools in time and place with land development.

Policy 12.1.78: The Village will maintain a water supply facilities work plan that is coordinated with SFWMD's most current Water Supply Plan and the Miami-Dade County Water and Sewer Department by updating its own work plan within 18 months of an update to SFWMD's Water Supply Plan that affect the Village.

Objective 12.2: **The Village shall ensure the provision of capital improvements as set forth on its five-year Capital Improvements Plan through its annual budget process.**

Policy 12.2.1: No development orders or permits will be issued unless public facilities and services needed to support the development are available concurrent with the impacts of such development.

Policy 12.2.2: The Village shall annually adopt a five-year Capital Improvement Program and capital budget as a part of its budgeting process.



Policy 12.2.3: Development orders which substantially increase the demand of infrastructure on the Village shall not be issued unless and until the Village determines that either the level of service for sewer, solid waste, potable water, drainage, recreation, and transportation facilities can and will be maintained at or above the Village's adopted standards subsequent to the development, or that such additional infrastructure needed to maintain the adopted level of service will be in place in accordance with the following:

1. For sewer, solid waste, drainage and potable water facilities, the facilities must be in place no later than the certificate of occupancy.
2. For parks and recreation facilities, the facilities must be in place no later than one (1) year after the issuance of the certificate of occupancy.
3. For transportation facilities, the facility must be in place under actual construction no later than three (3) years after issuance of a certificate of occupancy.

Policy 12.2.4: Determination of concurrency shall be made prior to the approval of an application for a development order or permit which contains a specific plan for development, including the densities and intensities of development.

Policy 12.2.5: Attempt to secure grants or private funding whenever available to finance the provision of capital improvements.

Policy 12.2.6: North Bay Village recognizes that the Miami-Dade County Water and Sewer Department provides their potable water and although no capital improvement projects are necessary within the Village, or for which the Village will be financially responsible in connection with supply of potable water to the Village and its businesses and residents, the Village will support and coordinate with the Miami-Dade County Water and Sewer Department, as necessary, to assist in the implementation of their Capital Improvements projects through the year 2033.

Objective 12.3: **Base decisions regarding the issuance of development orders and permits upon coordination of the development requirements included in this plan, the land development regulations, and the availability of necessary public facilities needed to support such development at the time needed.**



Policy 12.3.1: Establish the standards discussed earlier in this element as the levels of service for North Bay Village and use these levels of service in reviewing the impacts of new development and redevelopment upon public facility provision.

Policy 12.3.2: Future development shall bear proportionate costs of facility improvements as needed to accommodate the development and to maintain LOS standards. Proportionate costs shall be based on established impact fees. Correction of existing deficiencies shall be made using funding mechanisms such as user fees, special assessments and the like, so that the costs of existing deficiencies and of worn out or obsolete facilities are equitably shared, and new development pays for its impacts. Allow phased development projects, or phasing public facilities, which will be available and in place and concurrent with the impacts of development in order to mitigate development impacts on public facilities.

Policy 12.3.3: Update impact fee studies on a periodic basis to ensure that fees remain appropriate to capital needs caused by new development.

Policy 12.3.4: Evaluate proposed plan amendments and requests for new development or redevelopment on project-by-project basis according to the following guidelines, to ensure that capital facilities stay concurrent with development:

1. Will the action contribute to a condition of public hazard as described in the Infrastructure and Aquifer Recharge Element and the Coastal Management Element?
2. Will the action exacerbate any existing public facility capacity deficits as described in the Traffic Circulation Element, Infrastructure and Aquifer Recharge Element, and the Recreation and Open Space Element?
3. Will the action generate public facility demands that may be accommodated by capacity increases planned in the 5-Year Schedule of Improvements?
4. Does the action conform with future land uses, as shown on the future land use map of the Future Land Use Element?
5. If public facilities are developer-provided, will the action accommodate public facility demand based upon adopted level of service standards?



6. If public facilities are provided, in part or whole, by the Village, is the action financially feasible subject to this element?

Policy 12.3.5: The Village shall continue to maintain the Updated and Restated North Bay Village and Miami-Dade County School Board Interlocal Agreement for Public School Facility Planning which shall address coordinating of new schools in time and place with land development.

Policy 12.3.6: The Village recognizes that it relies upon the Miami-Dade County Water and Sewer Department facilities for the provision of potable water for its residents, businesses and visitors, and as such the Village is within the SFWMD and that the continued supply of potable water will be dependent upon all local governments striving to maintain demand for potable water at sustainable levels. As such, the Village will:

1. Continue to maintain relationships with the SFWMD and the Miami-Dade County Water and Sewer Department to maintain or reduce potable water consumption thorough education, conservation, and participation in ongoing programs of the region, county and Village including coordinating local conservation education efforts with the SFWMD and the Miami-Dade County Water and Sewer Department programs.
2. Require landscaping in all new development or redevelopment to use water-efficient landscaping and require functioning rain-sensor devices on all automatic irrigation systems on both new and existing systems.

The Village shall inform residents and businesses of, and shall encourage their participation in, the Miami-Dade County Water and Sewer Department water conservation programs.

Objective 12.4: PUBLIC SCHOOL FACILITIES WORK PROGRAM: Pursuant to Chapter 163, Florida Statutes, the Miami-Dade County Public Schools 5 Year District Facilities Work Program, adopted September 5, 2007, and as revised annually by the Miami-Dade School Board, is incorporated by reference into the Village's Capital Improvement Plan, as applicable.

North Bay Village shall coordinate with Miami-Dade County Public Schools to annually update its Facilities Work Program to include existing and anticipated facilities for both the 5-year and long-term planning periods, and to ensure that the adopted level of service standard, will



continue to be achieved and maintained. North Bay Village, through its updates of the Capital Improvements Element and Program, will incorporate by reference the latest adopted Miami-Dade County Public Schools Facilities Work Program for educational facilities. North Bay Village and Miami-Dade County Public Schools will coordinate their planning efforts prior to and during the Village's Comprehensive Plan amendment process, and during updates to the Miami-Dade County Public Schools Facilities Work Program.

The Miami-Dade County Public Schools Facilities Work Program will be evaluated on an annual basis to ensure that the level of service standards will continue to be achieved and maintained throughout the planning period.

Policy 12.4.1. North Bay Village shall update its Capital Improvements Element and Program annually, to include the annual update of the Miami-Dade County Public Schools 5-Year District Facilities Work Plan.

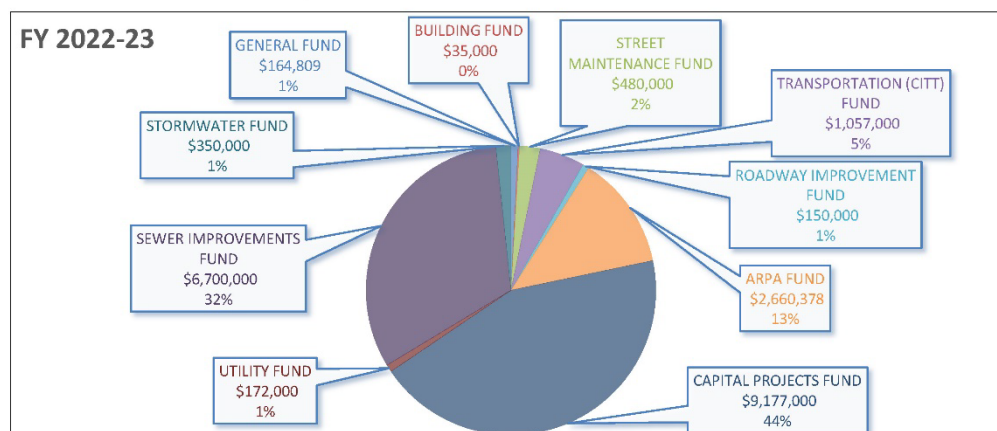


North Bay Village, Florida Five-Year Schedule of Capital Improvements

Summary 5-Year CIP

NORTH BAY VILLAGE, FLORIDA FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM FY 2022-23 THROUGH FY 2026-27

	Cost of Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
GENERAL FUND	\$ 565,873	\$ 164,809	\$ 99,016	\$ 99,016	\$ 99,016	\$ 104,016
BUILDING FUND	\$ 35,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -
STREET MAINTENANCE FUND	\$ 690,000	\$ 480,000	\$ 50,000	\$ 55,000	\$ 50,000	\$ 55,000
TRANSPORTATION (CITT) FUND	\$ 1,257,000	\$ 1,057,000	\$ 75,000	\$ 75,000	\$ 25,000	\$ 25,000
ROADWAY IMPROVEMENT FUND	\$ 1,350,000	\$ 150,000	\$ -	\$ 1,000,000	\$ 100,000	\$ 100,000
ARPA FUND	\$ 2,660,378	\$ 2,660,378	\$ -	\$ -	\$ -	\$ -
CAPITAL PROJECTS FUND	\$ 31,507,000	\$ 9,177,000	\$ 12,530,000	\$ 9,800,000	\$ -	\$ -
UTILITY FUND	\$ 622,000	\$ 172,000	\$ 187,500	\$ 87,500	\$ 87,500	\$ 87,500
WATER IMPROVEMENTS FUND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SEWER IMPROVEMENTS FUND	\$ 6,700,000	\$ 6,700,000	\$ -	\$ -	\$ -	\$ -
STORMWATER FUND	\$ 24,650,000	\$ 350,000	\$ 9,300,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
TOTAL VILLAGE FUNDS	\$ 70,037,251	\$ 20,946,187	\$ 22,241,516	\$ 16,116,516	\$ 5,361,516	\$ 5,371,516





Detailed 5-Year CIP Tables

NORTH BAY VILLAGE, FLORIDA FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM FY 2022-23 THROUGH FY 2026-27

GENERAL FUND			Cost of Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
PROJECT	DESCRIPTION	CIE						
GENERAL GOVERNMENT & INFORMATION SERVICES								
MF23-03	Office 365	G	\$ 85,000	\$ 15,000	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
MF23-02	CCTV Equipment	R	5,000	-	-	-	-	5,000
MF23-04	Security Equipment	R	4,000	4,000	-	-	-	-
MF23-01	Computer Equipment	R	24,000	4,000	5,000	5,000	5,000	5,000
GENERAL GOVERNMENT & INFORMATION SERVICES TOTAL			\$ 118,000	\$ 23,000	\$ 22,500	\$ 22,500	\$ 22,500	\$ 27,500
POLICE & CODE COMPLIANCE								
GF23-02	Tasers (24)	CL	\$ 107,580	\$ 21,516	\$ 21,516	\$ 21,516	\$ 21,516	\$ 21,516
GAF23-01	Body Worn Camera (28)	CL	160,000	40,000	30,000	30,000	30,000	30,000
GAF23-02	Panasonic Laptops (22)	R	41,293	41,293	-	-	-	-
GAF23-03	Body Armor (23)	R	12,000	12,000	-	-	-	-
POLICE & CODE COMPLIANCE TOTAL			\$ 320,873	\$ 114,809	\$ 51,516	\$ 51,516	\$ 51,516	\$ 51,516
VILLAGE CLERK								
GF23-01	Closed Captioning Software	R	\$ 127,000	\$ 27,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
VILLAGE CLERK TOTAL			\$ 127,000	\$ 27,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
TOTAL GENERAL FUND			\$ 565,873	\$ 164,809	\$ 99,016	\$ 99,016	\$ 99,016	\$ 104,016

BUILDING FUND			Cost of Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
PROJECT	DESCRIPTION	CIE						
TECHNOLOGY IMPROVEMENTS								
BF23-01	GIS DATABASE	D	\$ 35,000	\$ 35,000	-	-	-	-
TECHNOLOGY IMPROVEMENT TOTAL			\$ 35,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -
TOTAL BUILDING FUND			\$ 35,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -
PROJECTED FUNDING								
	Cash Carried Forward			887,248	858,148	905,776	957,642	1,014,165
	Building Permits			466,000	512,600	563,860	620,246	682,271
	Other Revenue			43,759	44,197	44,639	45,085	45,536
	Transfer from Technology Fees			35,000	-	-	-	-
	Transfer from Educational Fees			3,000	-	-	-	-
	Less: Non-Capital use for Maintenance			(541,859)	(509,169)	(556,633)	(608,808)	(666,166)
TOTAL FUNDING AVAILABLE			\$ 893,148	\$ 905,776	\$ 957,642	\$ 1,014,165	\$ 1,075,805	\$ 1,075,805
BALANCE AVAILABLE AT SEPTEMBER 30			\$ 858,148	\$ 905,776	\$ 957,642	\$ 1,014,165	\$ 1,075,805	\$ 1,075,805

CIE: Capital Improvement Element
 CL: Capital Lease
 D: Deficiency
 G: Growth
 R: Replacement



**NORTH BAY VILLAGE, FLORIDA
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2022-23 THROUGH FY 2026-27**

STREET MAINTENANCE FUND			Cost of					
PROJECT	DESCRIPTION	CIE	Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
STREETS PROJECTS								
SMF23-02	Landscaping Equipment	G	\$ 15,000	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000
SMF23-03	Decorative Street Lighting Project	R	-	-	-	-	-	-
SMF22-05	Village-wide Landscaping along Kennedy Causeway Medians (Design & Construction)	G	275,000	275,000	-	-	-	-
SMF23-06	Village-wide Landscaping Projects	G	275,000	75,000	50,000	50,000	50,000	50,000
SMF23-07	Entrance-Way Sign East	D	100,000	100,000	-	-	-	-
STREETS TOTAL			\$ 665,000	\$455,000	\$ 50,000	\$ 55,000	\$ 50,000	\$ 55,000
TRAFFIC CONTROL PROJECTS								
SMF23-01	Treasure Island Parking Study	G	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -
TRAFFIC CONTROL TOTAL			\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -
TOTAL STREET MAINTENANCE FUND			\$ 690,000	\$ 480,000	\$ 50,000	\$ 55,000	\$ 50,000	\$ 55,000
PROJECTED FUNDING								
Cash Carried Forward				0	0	0	0	0
1 to 6 Cents Local Option Fuel Tax				92,421	97,042	101,894	106,989	112,338
1 to 5 Cents Local Option Fuel Tax				35,586	37,365	39,234	41,195	43,255
Motor Fuel Tax				83,111	87,266	91,629	96,211	101,021
FDOT Maintenance MOU				7,836	5,000	5,000	5,000	5,000
FDOT Grant-FY22 Causeway Beautification Grant sFM23-05				100,000	-	-	-	-
Other Revenue				1,500	1,545	1,591	1,639	1,688
Transfer from General Fund				500,653	166,300	163,615	150,409	146,654
Less: Non-capital Use for Maintenance				(341,107)	(344,518)	(347,963)	(351,443)	(354,957)
Less: Engineering Overhead				-	-	-	-	-
TOTAL FUNDING AVAILABLE			\$ 480,000	\$ 50,000	\$ 55,000	\$ 50,000	\$ 55,000	\$ 55,000
BALANCE AVAILABLE AT SEPTEMBER 30			\$ -	0	0	0	0	0

CITIZEN'S INDEPENDENT TRANSPORTATION TRUST FUND (CITT)			Cost of					
PROJECT	DESCRIPTION	CIE	Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
ADA IMPROVEMENTS								
TF23-01	Treasure Island ADA Improvements (Phase II) - Construction *	D	\$ 207,000	\$ 207,000	\$ -	\$ -	\$ -	\$ -
ADA IMPROVEMENTS TOTAL			\$ 207,000	\$ 207,000	\$ -	\$ -	\$ -	\$ -
TRANSIT IMPROVEMENTS								
TF23-02	Causeway Bus Shelters - Design & Construction	G	\$ 125,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
TF23-03	Street Sign Replacement	G	150,000	50,000	50,000	50,000	-	-
TF23-04	Electrical Vehicle Charging Station(s)	D	25,000	25,000	-	-	-	-
TF23-05	ECO Bus & Charging Station	G	750,000	750,000	-	-	-	-
TRANSIT IMPROVEMENTS TOTAL			\$ 1,050,000	\$ 850,000	\$ 75,000	\$ 75,000	\$ 25,000	\$ 25,000
TOTAL CITIZEN'S INDEPENDENT TRANSPORTATION TRUST FUND			\$ 1,257,000	\$ 1,057,000	\$ 75,000	\$ 75,000	\$ 25,000	\$ 25,000
PROJECTED FUNDING								
Cash Carried Forward				\$ 1,047,330	1,070,748	1,298,895	1,479,642	1,713,945
Surtax				410,000	414,100	418,241	422,423	426,648
Less Non-Capital Use for Maintenance				(45,500)	(47,250)	(49,613)	(52,093)	(54,698)
Less: Downtown Express				(72,125)	(72,125)	(72,125)	(72,125)	(72,125)
Transfer to Debt Service - Roadway Improvements Capital Projects Fund				(111,056)	(110,056)	(109,896)	(108,736)	(112,576)
Transfer from General Fund (MOU)				55,248	55,248	55,248	55,248	55,248
Other Revenues				3,350	13,230	13,892	14,586	15,315
FDOTL *				153,000	-	-	-	-
FDOT Grant For Low Emission Buses (85%) - Not Matching				637,500	-	-	-	-
FDOT **				50,000	50,000	-	-	-
TOTAL FUNDING AVAILABLE			\$ 2,127,748	\$ 1,373,895	\$ 1,554,642	\$ 1,738,945	\$ 1,971,758	\$ 1,971,758
BALANCE AVAILABLE AT SEPTEMBER 30			\$ 1,070,748	\$ 1,298,895	\$ 1,479,642	\$ 1,713,945	\$ 1,946,758	\$ 1,946,758

* Grant to be awarded by FDOTL for Treasure Island ADA Improvements Phase II.
**Pending approval from FDOT

CIE: Capital Improvement Element
CL: Capital Lease
D: Deficiency
G: Growth
R: Replacement



**NORTH BAY VILLAGE, FLORIDA
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2022-23 THROUGH FY 2026-27**

ROADWAY IMPROVEMENT CAPITAL PROJECT FUND			Cost of					
PROJECT DESCRIPTION	CIE	Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	
ROADWAY IMPROVEMENTS								
RCP22-00	Treasure Island Roadway Improvement Project - Design	G	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -
RCP22-02	Harbor Island Roadway Improvement Project - Design & Construction	G	1,050,000	50,000	-	1,000,000	-	-
RCP26-01	North Bay Island Roadway Improvement Project - Design	G	200,000	-	-	-	100,000	100,000
ROADWAY IMPROVEMENTS TOTAL			\$ 1,350,000	\$ 150,000	\$ -	\$ 1,000,000	\$ 100,000	\$ 100,000
TOTAL ROADWAY IMPROVEMENT CAPITAL PROJECT FUND			\$ 1,350,000	\$ 150,000	\$ -	\$ 1,000,000	\$ 100,000	\$ 100,000
PROJECTED FUNDING								
	Cash Carried Forward		\$ 1,147,768	\$ 997,768	\$ 997,768	\$ -	\$ -	\$ -
	Transfer from CITT Fund		-	-	2,232	100,000	-	-
	Financing		-	-	-	-	-	1,000,000
TOTAL FUNDING AVAILABLE			\$ 1,147,768	\$ 997,768	\$ 1,000,000	\$ 100,000	\$ 1,000,000	
BALANCE AVAILABLE AT SEPTEMBER 30			\$ 997,768	\$ 997,768	\$ -	\$ -	\$ 900,000	

CAPITAL PROJECTS FUND			Cost of					
PROJECT DESCRIPTION	CIE	Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	
CAPITAL PROJECTS								
CP23-01	Kennedy Cswy Complete Streets - Lane re-purposing Design%	G	200,000	200,000	-	-	-	-
CP25-01	Kennedy Cswy Complete Streets - Lane re-purposing Construction%	G	1,500,000	-	-	1,500,000	-	-
CP23-02	Island Walk (Baywalk) North Plaza - Construction*	G	927,000	927,000	-	-	-	-
CP23-02	Island Walk (Baywalk) North Plaza - CEI*	G	150,000	150,000	-	-	-	-
CP23-03	Island Walk (Baywalk) Phase I - Design**	G	850,000	850,000	-	-	-	-
CP23-04	Island Walk (Baywalk) Phase I - Construction**	G	6,000,000	3,000,000	3,000,000	-	-	-
CP23-07	Island Walk South Plaza Public Art #	G	30,000	30,000	-	-	-	-
CP23-05	Vogel Park Marine Facility- Construction***	G	350,000	350,000	-	-	-	-
CP22-08	Vogel Park Public Art -Bathroom &	G	15,000	15,000	-	-	-	-
CP22-09	Vogel Park Public Art -Sculpture ^	G	35,000	35,000	-	-	-	-
CP22-02	Treasure Island Elementary School Community Park - Design@	G	296,454	296,454	-	-	-	-
CP23-06	Treasure Island Elementary School Community Park - Construction@	G	2,703,546	2,703,546	-	-	-	-
CP24-01	Schonberger Park-Improvements, including Picnic Facility ****	R	400,000	-	200,000	200,000	-	-
CP24-02	7560 West Treasure Dr-Land Acquisition @@@	G	1,200,000	-	1,200,000	-	-	-
CP22-10	Civic Park Dock - Design+	G	150,000	150,000	-	-	-	-
CP24-03	Civic Park Dock - Construction++	G	1,700,000	-	850,000	850,000	-	-
CP23-08	Village Hall Facility (Fire/Police Station/Village Hall) @@	G	15,000,000	470,000	7,280,000	7,250,000	-	-
CAPITAL PROJECTS TOTAL			\$ 31,507,000	\$ 9,177,000	\$ 12,530,000	\$ 9,800,000	\$ -	\$ -
TOTAL CAPITAL PROJECTS FUND			\$ 31,507,000	\$ 9,177,000	\$ 12,530,000	\$ 9,800,000	\$ -	\$ -



**NORTH BAY VILLAGE, FLORIDA
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2022-23 THROUGH FY 2026-27**

UTILITY FUND		Cost of					
PROJECT DESCRIPTION	CIE	Five-Year Program	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27
UTILITIES ADMINISTRATION							
UF23-04	Satellite Operation Yard Improvements	G	\$ 90,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000
UF23-05	Small Fork Lift	G	10,000	10,000	-	-	-
MF23-03	Office 365	G	85,000	15,000	17,500	17,500	17,500
MF23-04	Security Equipment	R	4,000	4,000	-	-	-
MF23-01	Computer Equipment	R	24,000	4,000	5,000	5,000	5,000
UF23-06	Holiday Lights	R	\$ 219,000	\$ 39,000	\$ 45,000	\$ 45,000	\$ 45,000
UTILITIES ADMINISTRATION TOTAL			\$ 432,000	\$ 122,000	\$ 77,500	\$ 77,500	\$ 77,500
SEWER UTILITY PROJECTS							
UF22-01	SSES Evaluation Study	G	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -
SEWER TOTAL			\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -
SANITATION PROJECTS							
UF23-01	Dumpsters	R	\$ 50,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
UF24-01	Sanitation Assessment Study	D	100,000	-	100,000	-	-
SANITATION TOTAL			\$ 150,000	\$ 10,000	\$ 110,000	\$ 10,000	\$ 10,000
TOTAL UTILITY FUND			\$ 622,000	\$ 172,000	\$ 187,500	\$ 87,500	\$ 87,500
PROJECTED FUNDING							
	Cash Carried Forward		\$ 2,593,832	\$ 3,497,585	\$ 4,824,306	\$ 6,387,528	\$ 8,203,253
	Water & Sewer Revenues		5,982,937	6,282,084	6,596,188	6,925,998	7,272,298
	Sanitation Revenues		1,844,000	1,936,200	2,033,010	2,134,661	2,241,394
	Other Non-Operating Revenues		657,000	689,850	724,343	760,560	798,588
	Transfer to Water Improvement Fund		(398,326)	(368,733)	(368,733)	(368,733)	(368,733)
	Transfer to Sewer Improvement Fund		(249,145)	(249,145)	(249,145)	(249,145)	(249,145)
	Less Non-Capital Use for Maintenance		(3,840,855)	(3,956,080)	(4,074,763)	(4,197,006)	(4,322,916)
	Less Non-Capital Use for Operating		(2,879,858)	(2,966,254)	(3,055,242)	(3,146,899)	(3,241,306)
	Less Non-Capital Use for Engineering/Planning		(40,000)	(41,200)	(42,436)	(43,709)	(45,020)
TOTAL FUNDING AVAILABLE			\$ 3,669,585	\$ 4,824,306	\$ 6,387,528	\$ 8,203,253	\$ 10,288,411
BALANCE AVAILABLE AT SEPTEMBER 30			\$ 3,497,585	\$ 4,824,306	\$ 6,387,528	\$ 8,203,253	\$ 10,200,911

PROJECTED FUNDING							
	Cash Carried Forward		\$	-	\$ 7,359,785	\$ 7,883,000	\$ 328,500
	% TPO CGP Grant - Kennedy Causeway Project			25,000	-	207,000	-
	Transfer from CITT Fund			-	-	-	-
	Transfer From Park Improvement Fund			-	-	-	-
	Future Grants			-	-	-	-
	* FDOTLAP - No Match Required, NBV responsible for anything over \$1M				927,000	-	-
	** FIND - NBV Match, Reimb Grant that is not reimbursable until construction contract				-	-	-
	** FIND - NBV Match, Reimb Grant that is not reimbursable until construction contract				-	-	-
	** FIND - NBV Match, Reimb Grant that is not reimbursable until construction contract				425,000	-	-
	** Islandwalk Seawall Coastal Resiliency Grant-Matching (Island Walk)				3,000,000	-	-
	*** FIND -NBV Match, FRDAP can be used as part of match for Vogel Park				100,000	-	-
	*** FRDAP - VOGEL CONSTRUCTION - No Match				42,500	-	-
	+ FIND - Civic Park Project				60,000	-	-
	++ LWCF - Civic Park Project				-	850,000	-
	@ General Obligation Bond - TIES / Park Bond Series 2022				3,000,000	-	-
	* General Obligation Bond - TIES / Park Bond Series 2022				290,000	-	-
	@ General Obligation Bond Series 2022 - Island Walk				136,000	-	-
	# General Obligation Bond Series 2022/Island Walk South Plaza				30,000	-	-
	@@ Miami-Dade County - Fire Station				-	4,670,000	-
	@@ General Obligation Bond - Village Hall				7,501,285	-	-
	++ Financing for Civic Park Project that is not fully funded				-	-	545,500
	@@ Financing for Village Hall Project that is not fully funded				-	2,828,715	-
	** Financing for Island Walk Projects that are not fully funded				435,000	3,000,000	-
	% Financing for Kennedy Causeway Project that is not fully funded				175,000	-	1,293,000
	*** Restricted Fund Balance from Community Contribution fee from 7918 West Drive/Vogel Park				250,000	-	-
	& Restricted Fund Balance from Community Contribution fee from 7918 West Drive/Vogel Park				15,000	-	-
	^ Restricted Fund Balance from Community Contribution fee from 7918 West Drive/Vogel Park				35,000	-	-
	*** Restricted Fund Balance from Community Contribution fee from 7918 West Drive/Civic Park				90,000	304,500	-
	**** Potential FRDAP - Schonberger Park				-	200,000	-
	**** Park Impact Fees for Schonberger Park				-	-	200,000
	@@@ Potential FRDAP - 7560 West Treasure Dr				-	-	200,000
	@@@ Park Impact Fees for 7560 West Treasure Dr				-	1,000,000	-
TOTAL FUNDING AVAILABLE					\$ 16,536,785	\$ 20,413,000	\$ 10,128,500
BALANCE AVAILABLE AT SEPTEMBER 30					\$ 7,359,785	\$ 7,883,000	\$ 328,500

CIE: Capital Improvement Element
CL: Capital Lease
D: Deficiency
G: Growth
R: Replacement



**NORTH BAY VILLAGE, FLORIDA
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2022-23 THROUGH FY 2026-27**

WATER IMPROVEMENT FUND		Cost of	FY	FY	FY	FY	FY
PROJECT DESCRIPTION	CIE	Five-Year Program	22-23	23-24	24-25	25-26	26-27
DISTRIBUTION SYSTEM - WATER MAINS		G	\$ -				
DISTRIBUTION SYSTEM - WATER MAINS TOTAL			\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL WATER IMPROVEMENT FUND			\$ -	\$ -	\$ -	\$ -	\$ -
PROJECTED FUNDING							
Cash Carried Forward							
Impact Fees							
Federal Project							
Transfer From Utility Fund							
			398,326	368,733	368,733	368,733	368,733
State Revolving Loan Debt & Interest Annual Payment							
			(398,326)	(368,733)	(368,733)	(368,733)	(368,733)
TOTAL FUNDING AVAILABLE			\$ -	\$ -	\$ -	\$ -	\$ -
BALANCE AVAILABLE AT SEPTEMBER 30			\$ -	\$ -	\$ -	\$ -	\$ -

SEWER IMPROVEMENT FUND		Cost of	FY	FY	FY	FY	FY
PROJECT DESCRIPTION	CIE	Five-Year Program	22-23	23-24	24-25	25-26	26-27
WASTEWATER PUMP STATIONS							
SI21-01	Wastewater Pump Station Improvements All 4 Pumps - Construction	R	\$ 6,700,000	\$ 6,700,000	\$ -	\$ -	\$ -
WASTEWATER PUMP STATIONS TOTAL			\$ 6,700,000	\$ 6,700,000	\$ -	\$ -	\$ -
SEWER LATERAL SYSTEMS							
SEWER LATERAL SYSTEMS TOTAL			\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SEWER IMPROVEMENT FUND			\$ 6,700,000	\$ 6,700,000	\$ -	\$ -	\$ -
PROJECTED FUNDING							
Cash Carried Forward							
			\$ -	\$ -	\$ -	\$ -	\$ -
Impact Fees							
			-	-	-	-	-
State Revolving Loan* - Approved in June 2021							
			6,700,000	-	-	-	-
Project Contingency							
			(500,000)	-	-	-	-
State Appropriation***							
			500,000	-	-	-	-
Transfer From Utility Fund							
			249,145	249,054	249,054	249,054	249,054
State Revolving Loan Debt & Interest Annual Payment							
			(249,145)	(249,054)	(249,054)	(249,054)	(249,054)
TOTAL FUNDING AVAILABLE			\$ 6,700,000	\$ -	\$ -	\$ -	\$ -
BALANCE AVAILABLE AT SEPTEMBER 30			\$ -	\$ -	\$ -	\$ -	\$ -

* A State Revolving Loan from FDEP was approved for the Wastewater Pump Station Improvement Project for all pump stations in the Village. The loan increased from \$2.2M to \$6.7M.

** Financing, through a State Revolving Loan, will need to be obtained to fund the Sewer Lateral Project. Funding must be approved prior to work being started on the Design and Construction phases of the project.

*** The Legislative Appropriation by Florida Department of Economic Opportunity for the WasteWater Pump Station Project.

CIE: Capital Improvement Element
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G: Growth
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**NORTH BAY VILLAGE, FLORIDA
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
FY 2022-23 THROUGH FY 2026-27**

STORMWATER FUND			Cost of					
PROJECT DESCRIPTION	CIE		Five-Year	FY	FY	FY	FY	FY
			Program	22-23	23-24	24-25	25-26	26-27
STORMWATER								
SW24-01	Inlet and Catch Basin Filters***	D	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -
SW21-01	North Bay Island Stormwater Pump Station - Design & Construction**	R	3,200,000	200,000	3,000,000	-	-	-
SW24-02	Treasure Island Stormwater Pump Station - Design	R	150,000	-	150,000	-	-	-
SW24-03	Stormwater Improvements	D	21,000,000	-	6,000,000	5,000,000	5,000,000	5,000,000
SW23-01	Village Wide Vulnerability Study	G	150,000	150,000				
STORMWATER TOTAL			\$ 24,650,000	\$ 350,000	\$ 9,300,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
TOTAL STORMWATER FUND			\$ 24,650,000	\$ 350,000	\$ 9,300,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000

PROJECTED FUNDING

Cash Carried Forward	\$ 178,940	\$ 410,121	\$ 27,279	\$ 1,130,213	\$ 2,668,711
Stormwater Fees	228,826	457,652	900,424	1,343,197	1,785,969
Stormwater Fee Increase	228,826	442,772	442,772	442,772	442,772
Less Non-Capital Use for Maintenance	(226,471)	(233,265)	(240,263)	(247,471)	(254,895)
FDEP Grant **	200,000	2,100,000	-	-	-
State Appropriation*	150,000	150,000	-	-	-
REFERENDUM/GO BOND FINANCING	0	6,000,000	5,000,000	5,000,000	5,000,000

TOTAL FUNDING AVAILABLE

\$ 760,121 \$ 9,327,279 \$ 6,130,213 \$ 7,668,711 \$ 9,642,557

BALANCE AVAILABLE AT SEPTEMBER 30

\$ 410,121 \$ 27,279 \$ 1,130,213 \$ 2,668,711 \$ 4,642,557

* \$150,000 award by the Florida Department of Economic Opportunity for the Vulnerability Study.

** NBI Stormwater Pump Station Design expected to take 8-10 months, with the construction expected to take 9-12 months.

The Legislative Appropriation by FDEP for the NBI Pump Station is currently for the construction phase of the project. Public Works is looking into

** being able to apply the appropriation to the design phase of the project.

*** \$150,000 State appropriation for Inlet Filters

ARPA (AMERICAN RESCUE PLAN ACT) FUND			Cost of					
PROJECT DESCRIPTION	CIE		Five-Year	FY	FY	FY	FY	FY
			Program	22-23	23-24	24-25	25-26	26-27
IMPROVEMENTS								
SW23-03	Villagewide Stormwater Master Plan CIP	G	\$ 1,685,378	\$ 1,685,378	\$ -	\$ -	\$ -	\$ -
SW23-01	Village Wide Vulnerability Study	G	75,000	75,000	-	-	-	-
SW23-02	Inlet & Catch Basin Filters	G	150,000	150,000	-	-	-	-
SI23-02	SSSES Evaluation Repairs for HI & NBI	G	750,000	750,000	-	-	-	-
IMPROVEMENTS TOTAL			\$ 2,660,378	\$ 2,660,378	\$ -	\$ -	\$ -	\$ -
TOTAL ARPA FUND			\$ 2,660,378	\$ 2,660,378	\$ -	\$ -	\$ -	\$ -

PROJECTED FUNDING

Cash Carried Forward	\$ 2,660,378	\$ 2,017,689	\$ 2,017,689	\$ 2,017,689	\$ -
ARPA	2,017,689	-	-	-	-
Less Non-Capital Use for Maintenance	-	-	-	-	-

TOTAL FUNDING AVAILABLE

\$ 4,678,067 \$ 2,017,689 \$ 2,017,689 \$ 2,017,689 \$ -

BALANCE AVAILABLE AT SEPTEMBER 30

\$ 2,017,689 \$ 2,017,689 \$ 2,017,689 \$ 2,017,689 \$ -

CIE: Capital Improvement Element

CL: Capital Lease

D: Deficiency

G: Growth

R: Replacement



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NBV100



NORTH BAY VILLAGE

**Comprehensive
Plan**

XIII. Public
School Facilities
Element





XIII. PUBLIC SCHOOL FACILITIES ELEMENT

Goals, Objectives, and Policies

- GOAL** **Develop, operate, and maintain a system of public education by Miami-Dade County Public Schools, in cooperation with the Village and other appropriate governmental agencies, which will strive to improve the quality and quantity of public educational facilities available to the citizens of North Bay Village and Miami-Dade County, Florida.**
- Objective 13.:** **Promote Work towards the reduction of the overcrowding, which currently exists in the Miami-Dade County Public Schools, while striving to attain an optimum level of service pursuant to Objective 13.2. Provide additional solutions to overcrowding so that public school enrollment in North Bay Village will meet state requirements for class size.**
- Policy 13.1.1:** Coordinate with Miami-Dade County Public Schools in their efforts to continue to provide new student stations through the Capital Outlay program, insofar as funding is available.
- Policy 13.1.2:** Inform the Miami-Dade School Board of all proposed new development within North Bay Village so that they can receive impact fees funds from the applicant prior to the issuance of building permits.
- Policy 13.1.3:** Coordinate with Miami-Dade County Public Schools in their efforts to develop and implement alternative educational facilities, such as primary learning centers, which can be constructed on small parcels of land and relieve overcrowding at elementary schools, insofar as funding and rules permit.
- Policy 13.1.4:** Coordinate with Miami-Dade County Public Schools in their efforts to provide public school facilities to the students of Miami-Dade County, which operate at optimum capacity, insofar as funding available. Operational alternatives may be developed and implemented, where appropriate, which mitigate the impacts of overcrowding while maintaining the instructional integrity of the educational program.
- Policy 13.1.5:** Coordinate with Miami-Dade County Public Schools in their efforts to maintain and/or improve the established level of service (LOS), for Public Educational Facilities, as established for the purposes of school concurrency.
- Policy 13.1.6:** Miami-Dade County Public Schools' comments shall be sought and considered on residential comprehensive plan and zoning amendments which could impact the school district, to be consistent with the terms of



the state mandated Interlocal Agreement pursuant to Sections 1013.33 and 163.31777, Florida Statutes.

Policy 13.1.7: Capital improvement programming by Miami-Dade Public Schools shall be based on future enrollment projections and demographic shifts and targeted to enhance the effectiveness of the learning environment. The future enrollment projections shall utilize student population projections based on information produced by the demographic, revenue, and education estimating conferences pursuant to Section 216.136, Florida Statutes, where available, as modified by Miami-Dade County Public Schools based on development data and agreement with the local governments, the State Office of Educational Facilities and the State SMART Schools Clearinghouse.

Miami-Dade County Public Schools may request adjustment to the estimating conferences' projections to reflect actual enrollment and development trends. In formulating such a request, Miami-Dade County Public Schools shall coordinate with the Cities and County regarding development trends and future population projections.

Policy 13.1.8: Coordinate with Miami-Dade County Public Schools and applicable local governments through the Staff Working Group of the Interlocal Agreement to review annually necessary revisions to the Public School Facilities Element, school enrollment projections the interlocal agreement, and other objectives and policies herein.

Policy 13.1.9: North Bay Village shall rely upon the consensus data and analysis, also known as the "Supporting Data and Analysis for the Special Application Requesting Amendments to the Miami-Dade County Comprehensive Development Master Plan Addressing Public School Facilities", dated July 3, 2007, prepared by the Miami-Dade County Department of Planning and Zoning, and as periodically updated, to support all Objectives and Policies herein.

Further, for any revision of the Public Education Facilities Element, the Village will coordinate with the Miami-Dade County School Board, the County, and the municipalities to ensure consistency among the Public Education Facilities Elements of the County and municipalities.

Objective 13.2: **Coordinate new residential development with the future availability of public school facilities consistent with the adopted level of service standards for public school concurrency, to ensure the inclusion of those projects necessary to address existing deficiencies in the 5-year schedule of capital improvements, and meet future needs based upon**



achieving and maintaining the adopted level of service standards throughout the planning period.

Policy 13.2.1: Beginning January 1, 2008, the adopted level of service (LOS) standard for all public school facilities within and served by North Bay Village is 100% utilization of Florida Inventory of School Houses (FISH) Capacity (With Relocatable Classrooms). This LOS standard, except for magnet schools, shall be applicable in each public school concurrency service area (CSA), defined as the public school attendance boundary established by Miami-Dade County Public Schools.

The adopted LOS standard for Magnet Schools is 100% of FISH (With Relocatable Classrooms), which shall be calculated on a districtwide basis.

Policy 13.2.2: It is the goal of Miami-Dade County Public Schools and the Village for all public school facilities to achieve 100% utilization of Permanent FISH (No Relocatable Classrooms) capacity. To help achieve the desired 100% utilization of Permanent FISH by 2018, Miami-Dade County Public Schools should continue to decrease the number of relocatable classrooms over time. Public school facilities that achieve 100% utilization of Permanent FISH capacity should, to the extent possible, no longer utilize relocatable classrooms, except as an operational solution to achieve the level of service standard during replacement, remodeling, renovation or expansion of a public school facility.

The Village, in coordination with Miami-Dade County Public Schools, will assess the viability of modifying the adopted LOS standard to 100% utilization of Permanent FISH (no relocatable classrooms) for all Concurrency Service Areas (CSAs).

Policy 13.2.3: In the event the adopted LOS standard of a CSA cannot be met as a result of a proposed development's impact, the development may proceed, provided at least one of the following options is satisfied:

- a) The development's impact can be shifted to one or more contiguous CSAs that have available capacity and is located, either in whole or in part, within the same Miami-Dade County Public Schools designated geographic areas (Northwest, Northeast, Southwest, or Southeast) as the proposed development; or,
- b) The development's impact is mitigated, proportionate to the demand for public schools it created, pursuant to a Proportionate Share Mitigation Agreement through a combination of one or more



appropriate proportionate share mitigation options, as defined in Section 163.3180 (13)(e)1, Florida Statutes, as amended. The intent of these options is to provide for the mitigation of residential development impacts on public school facilities, guaranteed by a legal binding agreement, through mechanisms that include, one or more of the following: (1) contribution of land; (2) the construction, expansion, or payment for land acquisition or construction of a permanent public school facility; or (3) the creation of a mitigation bank based on the construction of a permanent public school facility in exchange for the right to sell capacity credits. The Proportionate Share Mitigation Agreement is subject to approval by Miami-Dade County Public Schools and North Bay Village Commission and must be identified in the Miami-Dade County Public Schools Facilities Work Program; or,

- c) The development's impacts are phased to occur when sufficient capacity will be available.

If none of the above conditions is met, the development shall not be approved.

Policy 13.2.4: Concurrency Service Areas (CSAs) shall be delineated to: 1) maximize capacity utilization of the facility; 2) limit maximum travel times and reduce transportation costs; 3) acknowledge the effect of court-approved desegregation plans; 4) achieve socio-economic, racial, cultural and diversity objectives; and 5) achieve other relevant objectives as determined by Miami-Dade County Public Schools' policy on maximization of capacity. Periodic adjustments to the boundary or area of a CSA may be made by Miami-Dade County Public Schools to achieve the above stated factors. Other potential amendments to the CSAs shall be considered annually at the Staff Working Group meeting to take place each year no later than April 30 or October 31, consistent with Section 9 of the Interlocal Agreement for Public School Facility Planning.

Policy 13.2.5: Ensure, via the implementation of the concurrency management system and Miami-Dade County Public School Facilities Work Program for educational facilities, that existing deficiencies are addressed and the capacity of schools is sufficient to support residential development at the adopted level of service (LOS) standards throughout the planning period in the 5-year schedule of capital improvements.



Policy 13.2.6: Miami-Dade County Public Schools will provide the Village with a copy of its Facilities Work Program annually, pursuant to the timeframes established in the Interlocal Agreement.

Policy 13.2.7: Pursuant to Chapter 163, Florida Statutes, the Miami-Dade County Public Schools 5-Year District Facilities Work Program, developed by Miami-Dade Public Schools and adopted by the Miami-Dade County School Board on September 5, 2007, is incorporated by reference into the Village's Capital Improvement Plan, as applicable. North Bay Village shall coordinate with Miami-Dade County Public Schools to annually update its Facilities Work Program and/or concurrency service area maps to include existing and anticipated facilities for both the 5-year and long-term planning periods, and to ensure that the adopted level of service standard will continue to be achieved and maintained. North Bay Village, through its annual updates of the 5-year Capital Improvements Program, will incorporate by reference the latest adopted Miami-Dade County Public Schools Facilities Work Program for educational facilities. North Bay Village, Miami-Dade County Public Schools, and other local governments will coordinate their planning efforts prior to and during the Village's Comprehensive Land Use Plan amendment process, and during updates to the Miami-Dade County Public Schools Facilities Work Program. The Miami-Dade County Public Schools Facilities Work Program will be evaluated on an annual basis to ensure that the level of service standards will continue to be achieved and maintained throughout the planning period.

Objective 13.3: Obtain suitable sites for the development and expansion of public education facilities.

Policy 13.3.1: Where possible, Miami-Dade County Public Schools should seek sites for future educational facility development which are adjacent to existing or planned public recreation areas, community centers, libraries, or other compatible civic uses for the purpose of encouraging joint use facilities or the creation of logical focal points for community activity.

Policy 13.3.2: When selecting a site, Miami-Dade County Public Schools will consider if the site meets the minimum size criteria as recommended by the State Department of Education or as determined to be necessary for an effective educational environment.

Policy 13.3.3: When considering a site for possible use as an educational facility, Miami-Dade County Public Schools will review the adequacy and proximity of other public facilities and services necessary to the site such as roadway access, transportation, fire flow and portable water, sanitary sewers, drainage, solid waste, police and fire services, and means by



which to assure safe access to schools, including sidewalks, bicycle paths, turn lanes, and signalization.

Policy 13.3.4: When considering a site for possible use as an educational facility Miami-Dade County Public Schools will consider whether the present and projected surrounding land uses are compatible with the operation of an educational facility.

Policy 13.3.5: Coordinate with Miami-Dade County Public Schools in the potential use of appropriate public schools as emergency shelters as necessary during emergencies.

Policy 13.3.6: The Village shall encourage Miami-Dade County Public Schools to submit proposed site plans for public school facilities in North Bay Village to the Village for its review and comment.

Objective 13.4: **Coordinate with Miami-Dade County Public Schools towards avoiding minimizing and mitigating adverse impacts of public school facilities on the surrounding communities, particularly as it relates to traffic, infrastructure, landscaping, operational activities, security, historical resources, and aesthetics.**

Policy 13.4.1: Coordinate with Miami-Dade County Public Schools and other adjoining jurisdictions and agencies in the development of policies and procedures that address the adverse impacts of existing and new public school facilities on the surrounding communities.

Policy 13.4.2: Miami-Dade County Public Schools shall be encouraged to develop and operate all of its public school facilities within the framework of the Village's established land use regulations, processes, and procedures.

Policy 13.4.3: The Village shall encourage Miami-Dade County Public Schools to submit proposed site plans for public school facilities in North Bay Village to the Village for its review and comment.

Objective 13.5: **Miami-Dade County Public Schools, in conjunction with the Village and other appropriate agencies, will strive to improve security and safety for students and staff.**

Policy 13.5.1: Coordinate with Miami-Dade County Public Schools to develop and/or implement programs and policies designed to reduce the incidence of violence, weapons and vandalism on school campuses. Encourage the design of facilities, which do not encourage criminal behavior and provide clear sight lines from the street.



Policy 13.5.2: Coordinate with Miami-Dade County Public Schools to develop and/or implement programs and policies designed to reduce the number of incidents related to hazardous conditions as reported by the Environmental Protection Agency (EPA), the fire marshal, the State Department of Education (DOE), and other appropriate sources.

Policy 13.5.3: Coordinate with Miami-Dade County Public Schools to provide for the availability of alternative programs for at-risk students at appropriate public educational facilities.

Policy 13.5.4: Coordinate with Miami-Dade County Public Schools and other appropriate agencies to provide for pedestrian and traffic safety in the area of schools, and signalization for educational facilities.

Policy 13.5.5: Coordinate with Miami-Dade County Public Schools' Division of School Police and other law enforcement agencies, where appropriate, to improve and provide for a secure learning environment in the public schools and their vicinity.

Objective 13.6: Develop programs and opportunities to bring the schools and community closer together.

Policy 13.6.1: Coordinate with Miami-Dade County Public Schools in their efforts to provide "full service" schools, parent resource centers, adult and community schools and programs as appropriate.

Policy 13.6.2: Coordinate with Miami-Dade County Public Schools in their efforts to continue to provide opportunities for community and business leaders to serve on committees and task forces, which relate to the development of improved provision of public educational facilities.

Policy 13.6.3: Coordinate with Miami-Dade County Public Schools to continue to work with the development industry to encourage partnerships in the provision of sites and educational facilities including early childhood centers.

Policy 13.6.4: Coordinate with Miami-Dade County Public Schools through agreement with appropriate agencies to increase medical, psychological, and social services for children and their families as appropriate.

Objective 13.7: Miami-Dade County Public Schools will continue to enhance effectiveness of the learning environment.



- Policy 13.7.1:** Miami-Dade County Public Schools is encouraged to continue the design and construction of educational facilities which create the perception of feeling welcome, secure and positive about the students' school environment and experiences.
- Policy 13.7.2:** Miami-Dade County Public Schools is encouraged to continue to design and construct facilities which better provide student access to technology designed to improve learning, such as updated media centers and science laboratories.
- Policy 13.7.3:** Miami-Dade County Public Schools is encouraged to continue to improve existing educational facilities, insofar as funding is available, through renovation and expansion to better accommodate increasing enrollment, new educational programs and other activities, both curricular and extra-curricular.
- Objective 13.8:** **Miami-Dade County Public Schools, the Village, and other appropriate jurisdictions shall establish and implement mechanism(s) for on-going coordination and communication, to ensure the adequate provision, compatibility, and quality of public educational facilities.**
- Policy 13.8.1:** Coordinate with Miami-Dade County Public Schools, the State, and other appropriate jurisdictions and agencies to develop or modify rules and regulations in order to simplify and expedite proposed new educational facility developments and renovations.
- Policy 13.8.2:** The location of future educational facilities should occur where capacity of other public facilities and services is available to accommodate the infrastructure needs of the educational facility.
- Policy 13.8.3:** Miami-Dade County Public Schools will coordinate school capital improvement plans with the planned capital improvement projects of the Village and other jurisdictions and agencies.
- Policy 13.8.4:** Coordinate with Miami-Dade County Public Schools in their efforts to ensure that they are not obligated to pay for off-site infrastructure in excess of their fair share of the costs.
- Policy 13.8.5:** Miami-Dade County Public Schools shall periodically review the Educational Facilities Impact Fee Ordinance to strive to ensure that the full eligible capital costs associated with the development of public school capacity (new schools and expansion of existing ones) are identified when updating the impact fee structure. Pursuant to the terms of the state mandated Interlocal Agreement, Miami-Dade County



Public Schools shall annually review the Ordinance, its formula, the Educational Facilities Impact Fee methodology and technical report, in order to make recommendations for revisions to the Miami-Dade County Board of County Commissioners.

Policy 13.8.6: Coordinate with Miami-Dade County Public Schools in the annual review of the Village's Public School Facilities Element, and make amendments as necessary, pursuant to Florida Statutes.

Policy 13.8.7: Coordinate with Miami-Dade County Public Schools in formalizing criteria for appropriate sharing of responsibility for required off-site facility improvements attributable to construction of new public schools or expansion of existing ones. The criteria should be prepared prior to the next full review of the School Impact Fee Ordinance.

Policy 13.8.8: Coordinate with Miami-Dade County Public Schools and other jurisdictions and agencies as appropriate to eliminate infrastructure deficiencies surrounding existing school sites.

Policy 13.8.9: Coordinate with Miami-Dade County Public Schools to ensure the availability of adequate sites for the required educational facilities.

Policy 13.8.10: Coordinate with Miami-Dade County Public Schools as to the appropriate roles and responsibilities of affected governmental jurisdictions in ensuring the timely, orderly and efficient provision of adequate educational facilities.

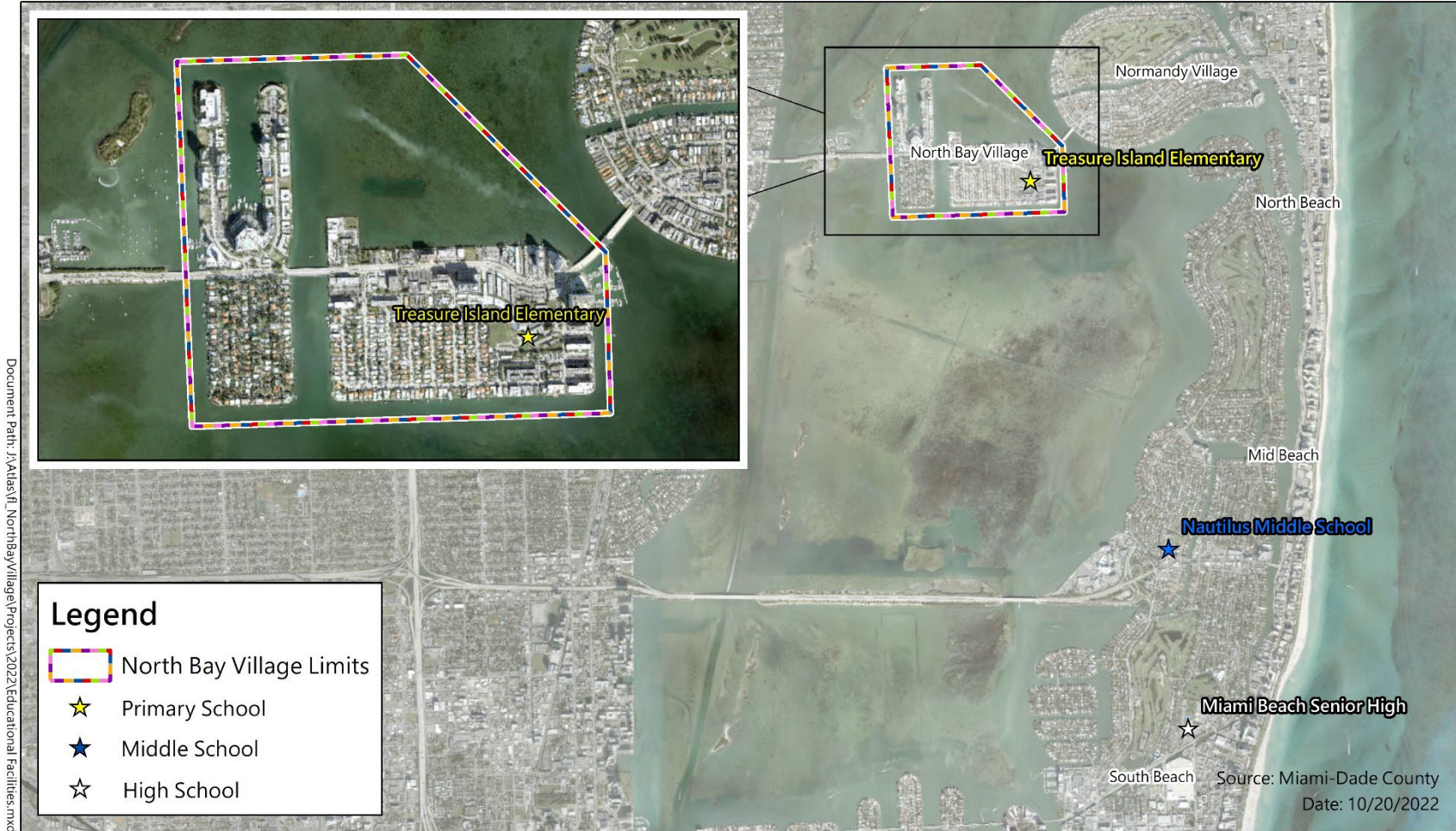
Policy 13.8.11: Account for the infrastructure needs of new, planned or expanded educational facilities when formulating and implementing its own capital improvement plans.

Objective 13.9: Monitor, evaluate, and implement public school-related provisions in the Public School Facilities Element, Intergovernmental Coordination Element, and Capital Improvements Element.

Policy 13.9.1: Coordinate with Miami-Dade County Public Schools with reference to the monitoring, evaluation, and implementation of the Public School Facilities Element, Intergovernmental Coordination Element, and Capital Improvements Element, in accordance with Florida Statutes and the Interlocal Agreement.



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NBV100 - Educational Facilities Serving NBV





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NBV100



NORTH BAY VILLAGE

**Comprehensive
Plan**

XIV. Property
Rights Element





XIV. PROPERTY RIGHTS ELEMENT

Goals, Objectives, and Policies

GOAL: Consider rights of property owners in local decision-making.

Objective 14.1: Apply rules, ordinances, and regulations, with sensitivity for private property rights and not be unduly restrictive.

Policy 14.1.1: In local decision-making, the Village shall consider the right of a property owner to physically possess and control his or her interests in the property, including easements, leases, or mineral rights.

Policy 14.1.2: In local decision-making, the Village shall consider the right of a property owner to use, maintain, develop, and improve his or her property for personal use or for the use of any other person, subject to state law and local ordinances.

Policy 14.1.3: In local decision-making, the Village shall consider the right of the property owner to privacy and to exclude others from the property to protect the owner's possessions and property.

Policy 14.1.4: In local decision-making, the Village shall consider the right of a property owner to dispose of his or her property through sale or gift.



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NBV100



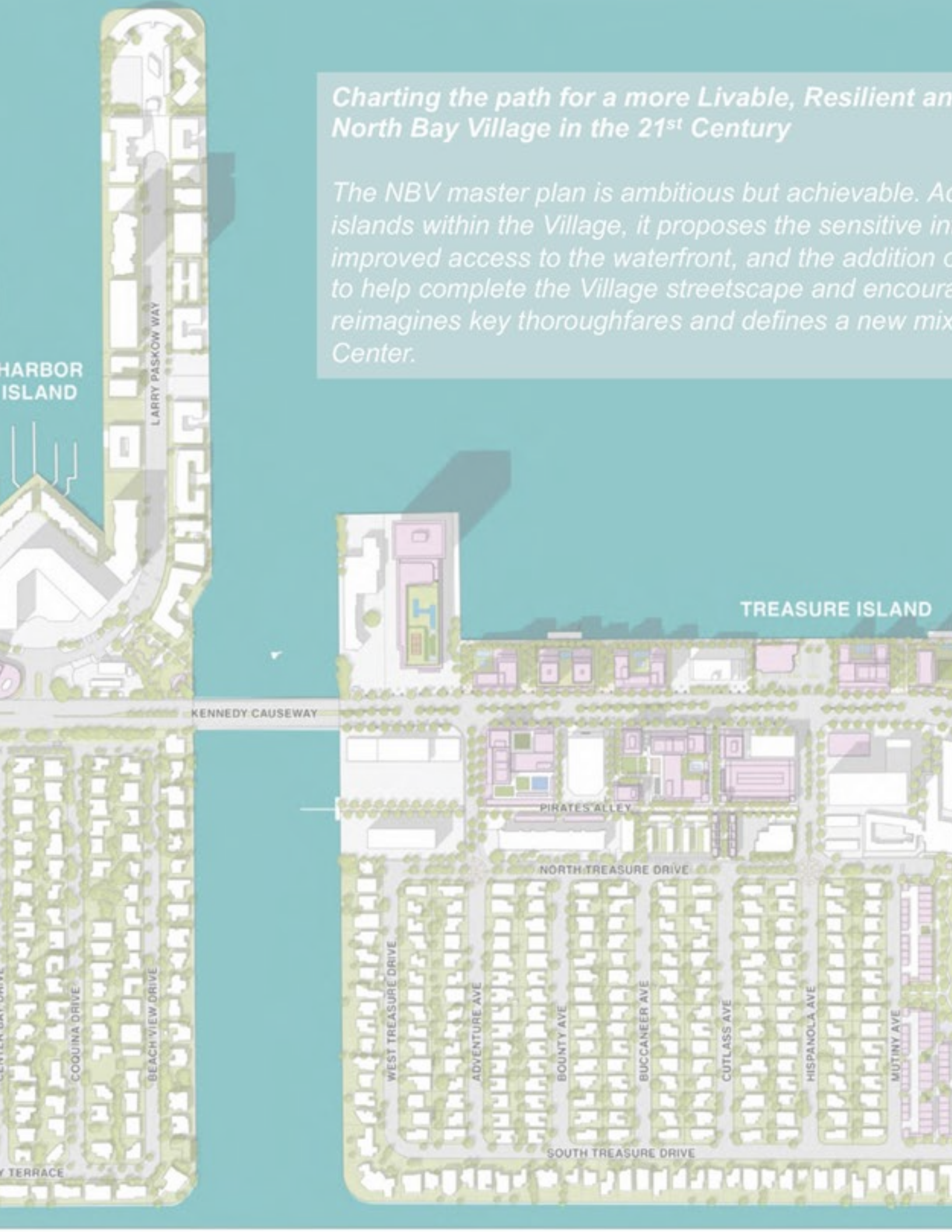
NORTH BAY VILLAGE

**Comprehensive
Plan**

XV. Climate and
Resilience
Element

Charting the path for a more Livable, Resilient and North Bay Village in the 21st Century

The NBV master plan is ambitious but achievable. As islands within the Village, it proposes the sensitive inclusion of new buildings, improved access to the waterfront, and the addition of green spaces to help complete the Village streetscape and encourage pedestrian activity. The plan reimagines key thoroughfares and defines a new mix of uses for the Harbor Center.



HARBOR ISLAND

LARRY PASKOW WAY

KENNEDY CAUSEWAY

TREASURE ISLAND

PIRATES ALLEY

NORTH TREASURE DRIVE

SOUTH TREASURE DRIVE

COQUINA DRIVE

BEACH VIEW DRIVE

WEST TREASURE DRIVE

ADVENTURE AVE

BOUNTY AVE

BUCCANEER AVE

CUTLASS AVE

HISPANOLA AVE

MUTINY AVE

Y TERRACE



XV. CLIMATE CHANGE AND RESILIENCE ELEMENT

Goals, Objectives, and Policies

GOAL: Prepare for current and future environmental challenges through implementation of the land use, resilience, environmental, and infrastructure strategies described in the NBV100 Master Plan.

Objective 15.1: Collaborate with local and regional partners in developing and implementing programs and policies to protect residents and business from the impacts of climate change, in particular sea level rise.

Policy 15.1.1: Continue to participate in the Southeast Florida Regional Climate Change Compact and adopt the Compact's Climate Action Plan, as may be updated from time to time, recommended adaptation strategies and engineering solutions as appropriate to North Bay Village.

Policy 15.1.2: Evaluate the feasibility of involving North Bay Village in future sea level rise vulnerability prediction modeling in collaboration with the South Florida Regional Council.

Policy 15.1.3: Explore the preparation and potential adoption of an Adaptation Action Area Plan to designate those areas of North Bay Village deemed most vulnerable to sea level rise and other climate change impacts including but not limited to extreme high tides, heavy local rain events, and storm surge to leverage the ability to prioritize funding and adaptation planning.

Objective 15.2: Coordinate the transportation system with the Future Land Use Map (FLUM) and the goals, objectives and policies of the Future Land Use Element to ensure that transportation facilities and services reduce fossil fuel use and vehicle miles travelled; improve overall mobility; provide a choice of transportation options; and increase the Village's resiliency to the impacts of climate change.

Policy 15.2.1: Implement policies and standards which encourage connectivity between land uses and between modes of transportation to improve accessibility and expand availability of low carbon emission mobility options.

Policy 15.2.2: Support linking local and state infrastructure investments to improve and integrate mixed use land patterns and transit corridors that promote multi-modal transportation options in order to encourage reductions in



vehicle miles traveled and greenhouse gas emissions and improve energy efficiency.

Policy 15.2.3: Coordinate with Miami-Dade County and nearby jurisdictions to collaboratively assess and implement strategies for a connected and efficient area-wide transit system, expand the network of pedestrian-ways and bikeways, meet county-wide greenhouse gas emission reduction goals, coordinate transportation-related adaptation policies across jurisdictional boundaries and ensure consistency among broader planning and plan implementation efforts to prepare for sea level rise, such as increasing road surface elevation standards, subsurface stabilization, stormwater management and drainage, and adjustment of bridge heights to allow for navigation.

Objective 15.3: **Pursue and implement green building and development practices, techniques and standards to reduce the production of greenhouse gases and promote community resiliency from natural disasters including impacts resulting from sea level rise.**

Policy 15.3.1: Support and regulate the placement of solar panels, wind turbines and other renewable energy resources in all new and existing construction.

Policy 15.3.2: Require all new public buildings to be designed and constructed to the standards of LEED Silver and all existing Village buildings, when retrofitted, to be at a minimum LEED Certified and/or to any nationally or locally recognized green standards acceptable to the Village.

Policy 15.3.3: Require that large scale development meet or exceed Leadership in Energy and Environmental Design (LEED), Low Impact Development (LID), or similar green building and energy sustainability standards.

Policy 15.3.4: Consider providing impact fee credits or other tax preferences for the inclusion of green building standards in new development.

Policy 15.3.5: Continuously investigate best industry practices in sustainable development, and accordingly update the Unified Land Development Code to include provisions, standards and incentives based on such practices.

Policy 15.3.6: Adopt regulations in the Unified Land Development Code for maximum impervious areas for all zoning districts to support resilience and sustainable water management practices.



- Policy 15.3.7:** Require the use of landscaping measures and materials that help reduce the impacts of flooding and sea level rise.
- Policy 15.3.8:** Support long-term resilient design and development of all building types by offering flexibility in the zoning framework, including finding efficiencies in development review for projects that emphasize resilience.
- Policy 15.3.9:** Every 5 years, identify and assess existing public investments and infrastructure at risk from sea level rise and other climate change related impacts, including but not limited to: government buildings, including police and fire stations; water and wastewater treatment plants, transmission lines and pumping stations; stormwater systems; roads, bridges, and all transportation and transit infrastructure; power transmission infrastructure.
- Policy 15.3.10:** Work closely with partner agencies to ensure that the planning, siting, construction, replacement and maintenance of future public infrastructure incorporates adaptation to climate change impacts, especially sea level rise.
- Policy 15.3.11:** All public wastewater collection and transmission systems shall be protected from flood waters and inflow by having all mechanical and electrical equipment and all system openings placed above the Base Flood Elevation plus applicable freeboard and sea level rise.
- Objective 15.4: Protect existing water-adjacent, water-dependent and water related uses.**
- Policy 15.4.1:** Collaborate with federal, state and county regulators to allow and encourage shorelines to be designed or restored as “living” shorelines when appropriate, to improve landscape and water quality, human health, and resilience.
- Policy 15.4.2:** Continue to enforce the application of the Village's adopted Seawall Design Criteria to the restoration of existing and construction of new seawall to become more resilient to sea level rise, increased storm surge, and king tides in the future
- Policy 15.4.3:** Continue to explore and encourage the use of new technologies and materials, such the University of Miami College of Engineering's fiber-reinforced polymers, to increase the life of seawalls.



Policy 15.4.4.: Encourage the use of seawater in place of freshwater in the concrete mix of seawalls to reduce the impact seawall construction has on the environment

Objective 15.5: **Mitigate the causes of climate change while providing for cleaner energy solutions and a more energy efficient way of life for visitors and residents.**

Policy 15.5.1: Mitigate North Bay Village's contribution to global climate change by reducing government operations' greenhouse gas emissions and Village-wide greenhouse gas emissions to or below county-wide greenhouse gas emission target of 50% reduction by the year 2030. The Village shall implement measures to regularly monitor and track progress toward achieving this goal.

Policy 15.5.2: Plan for and facilitate the development of infrastructure that provides public access to alternative fuels and electric vehicle charging stations.

Objective 15.6: **Continue to protect and enhance local and regional ecosystems through habitat restoration, urban reforestation, and expanded green infrastructure, in order to create a healthy, enjoyable, and climate resilient environment.**

Policy 15.6.1: Continue to support local environmental restoration, mitigation and adaptive management initiatives, and coordinate with national, state, regional efforts, as well as public, private, and institutional partners to improve the resiliency of natural systems to climate variability and change.

Policy 15.6.2: In partnership with neighboring municipalities and Miami-Dade County, promote species diversity and the planting of native landscapes.

Policy 15.6.3: Consider potential partners to investigate the feasibility of conducting a green roof pilot study to evaluate the feasibility of green roofs and to determine an appropriate plant palette, maintenance requirements, and potential water conservation benefits.



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NBV100

Comprehensive Plan



NORTH BAY VILLAGE