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Miami Beach Integrated Water Management

Neighborhood Project Prioritization – Methodology and Results

Final

April 1, 2020

City of Miami Beach

RFQ 2018-312-KB



JACOBS®

Memorandum

3150 SW 38th Avenue, Suite 700
Miami, FL 33146
T 305.441.1846
F 305. 443.8856
www.jacobs.com

Subject	**Neighborhood Project Prioritization – Methodology and Results**
Project Name	Integrated Water Management – Work Order 01 – Task 3 Deliverable
Attention	City of Miami Beach, Public Works Department
From	Jacobs
Date	April 1, 2020

Executive Summary

Background

On February 28, 2019, Jacobs was awarded the Miami Beach Master Design Consultant for Integrated Water Management. On May 6, 2019, three priority tasks were assigned to Jacobs including, Task 3 Neighborhood Project Prioritization, an objective evaluation system to prioritize implementation of the City of Miami Beach's (hereafter, "the City's") various capital infrastructure projects. The City requested that the neighborhood project prioritization consider flood risk management, public safety, and the supply reliability of key City services. Key highlights from the prioritization process include:

- A total of **560 City projects** were reviewed and **401 were selected** for inclusion in the prioritization analysis. Projects that did not involve significant capital infrastructure improvements were not included. Included projects span all City infrastructure planning.
- The full range of the City's planning was reviewed to identify capital infrastructure projects to be included in the prioritization. Specific plans reviewed included:
  - Transportation Master Plan (Gannett Fleming, 2016)
  - Water Master Plan (Hazen and Sawyer, 2019)
  - Sewer Master Plan (Hazen and Sawyer, 2019)
  - Fire flow geographic information system data
  - Water & Sewer Renewal and Replacement Report (Hazen and Sawyer, 2018)
  - City Capital Improvement Program (CIP)
  - General Obligation Bond Program
  - Blueways Master Plan (EDSA et al., 2014)
  - Additionally, Jacobs developed **64 new Tidal Flood Adaptation Projects** (TFAPs) (Jacobs, 2020)
- Extensive engagement the City's READY team was conducted to align management priorities and the prioritization methodology. A public meeting was also conducted to present the purpose, priorities, and methods of prioritization to the community. Feedback received during these engagements were factored into the final methodology.

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Methodology

As part of this effort, Jacobs performed the following tasks:

- Created a Project Evaluation Framework, or *formula,* for Miami Beach projects based on the City's vulnerability and goals.
- Evaluated individual capital projects' benefits in support the City's management priorities and goals.
- Aggregated individual capital projects into logical geographical Project Group Areas (PGAs) that can each be implemented as single consolidated projects to minimize impact on communities from construction activities.
- Prioritized PGAs based on City management priorities and planning scenarios, including flood risk management.
- Conferred with City Manager's READY Team and Public Works and aligned City's priorities. Conducted a public meeting to gather and document comments.
- Recommended prioritization of capital PGAs to be sequenced and funded over time as a next step and to be implemented through individual Design Criteria Packages (DCPs) for PGAs.

The Project Evaluation Framework was publicly vetted and then applied to individual capital improvement projects. It included the following categories:

- Coastal flooding risk management
- Potable water distribution/fire suppression
- Emergency/critical facilities and roads
- Sanitary sewer delivery
- Rain stormwater management
- Environmental benefits
- Economic development
- Pedestrian and bicycle mobility
- Road classification
- Road conditions
- Aesthetics

Weight factors for each category were established to align with the management goals of City leadership.

Results

Projects were scored and ranked and then logically grouped into PGAs, each of which formed the basis for a future DCP. At the City's request, Jacobs developed two planning scenarios for the PGAs to identify the range of options for implementation: Scenario 1: Flood Risk and Scenario 2: Flood Risk with Water & Sewer (to minimize construction disruption).

Each scenario was further evaluated based on total project score and total project score normalized by population served.

Recommendations and Next Steps

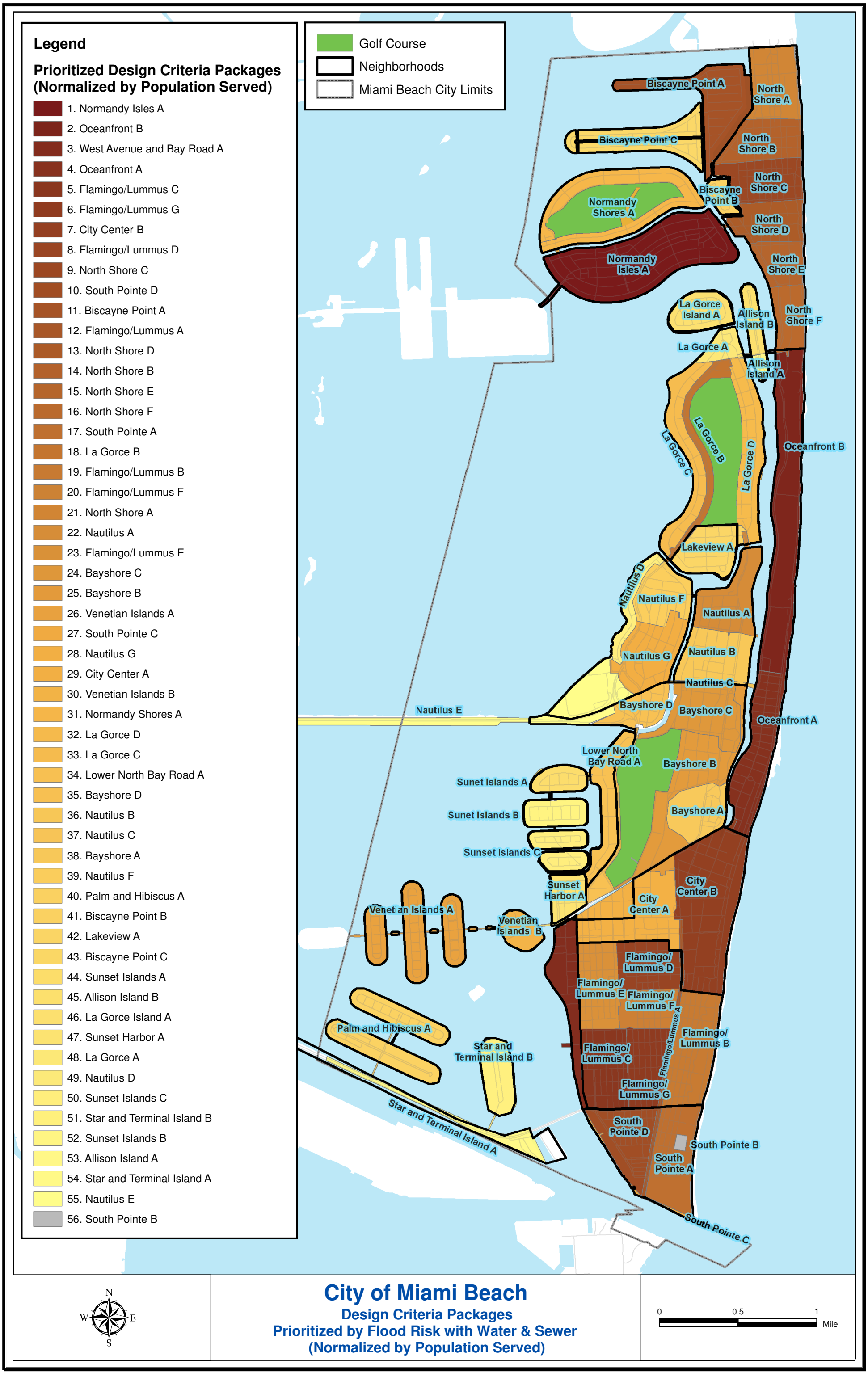
Jacobs recommends that the City proceed with planning and development of DCPs beginning with Scenario 2 results (Flood Risk with Water & Sewer), normalized by population served (see Figure ES-1). Scenario 2 is recommended because it reflects a balance between flood risk management priorities and water/sewer management priorities. *The top five priority DCPs, not already in design or construction, fall generally within the Normandy Isles, Oceanfront, and Flamingo/Lummus neighborhoods.*

Once consensus is reached on the City's approach (scenario), then the projects should be sequenced and costs estimated within available and planned funding during the next few years. Sequencing and financial planning will create an updated CIP for City Commission approval and initiation of neighborhood project design criteria packages.

Jacobs further recommends that each DCP:

- Consider and include as much green infrastructure as possible and feasible to address water quality protection, augment flood management performance, and aesthetically enhance the landscape. Green infrastructure can also help in harmonizing the transition between grade changes associated with TFAPs, in some cases.
- Integrate innovative urban design elements to increase co-benefits and public support. Living with water, placemaking, active healthy lifestyle, and economic development are important planning objectives that can help turn climate risks into opportunities for improvement and sustainable growth.
- Confirm READY Team and City Commission alignment. The long-term success of the City's adaptation to climate change depends on alignment across City departments and among the City's elected officials.
- Plan for extensive community engagement to confirm community input is factored into design and sequencing. Keeping the community informed and soliciting input during the design is critical to managing the level of community acceptance of change.

Figure ES-1


Legend
Prioritized Design Criteria Packages (Normalized by Population Served)
1. Normandy Isles A
2. Oceanfront B
3. West Avenue and Bay Road A
4. Oceanfront A
5. Flamingo/Lummus C
6. Flamingo/Lummus G
7. City Center B
8. Flamingo/Lummus D
9. North Shore C
10. South Pointe D
11. Biscayne Point A
12. Flamingo/Lummus A
13. North Shore D
14. North Shore B
15. North Shore E
16. North Shore F
17. South Pointe A
18. La Gorce B
19. Flamingo/Lummus B
20. Flamingo/Lummus F
21. North Shore A
22. Nautilus A
23. Flamingo/Lummus E
24. Bayshore C
25. Bayshore B
26. Venetian Islands A
27. South Pointe C
28. Nautilus G
29. City Center A
30. Venetian Islands B
31. Normandy Shores A
32. La Gorce D
33. La Gorce C
34. Lower North Bay Road A
35. Bayshore D
36. Nautilus B
37. Nautilus C
38. Bayshore A
39. Nautilus F
40. Palm and Hibiscus A
41. Biscayne Point B
42. Lakeview A
43. Biscayne Point C
44. Sunset Islands A
45. Allison Island B
46. La Gorce Island A
47. Sunset Harbor A
48. La Gorce A
49. Nautilus D
50. Sunset Islands C
51. Star and Terminal Island B
52. Sunset Islands B
53. Allison Island A
54. Star and Terminal Island A
55. Nautilus E
56. South Pointe B
Golf Course
Neighborhoods
Miami Beach City Limits
Biscayne Point A
North Shore A
Biscayne Point C
North Shore B
Biscayne Point B
North Shore C
Normandy Shores A
North Shore D
Normandy Isles A
North Shore E
La Gorce Island A
Allison Island B
North Shore F
La Gorce A
Allison Island A
La Gorce C
La Gorce B
La Gorce D
Oceanfront B
Lakeview A
Nautilus D
Nautilus F
Nautilus A
Nautilus G
Nautilus B
Nautilus C
Nautilus E
Bayshore D
Bayshore C
Oceanfront A
Lower North Bay Road A
Bayshore B
Sunet Islands A
Sunet Islands B
Bayshore A
Sunset Islands C
Sunset Harbor A
City Center B
City Center A
Venetian Islands A
Venetian Islands B
Flamingo/ Lummus D
Flamingo/ Lummus E
Flamingo/ Lummus F
Flamingo/Lummus A
Flamingo/ Lummus B
Palm and Hibiscus A
Star and Terminal Island B
Flamingo/ Lummus C
Flamingo/ Lummus G
Star and Terminal Island A
South Pointe D
South Pointe B
South Pointe A
South Pointe C
N
W
E
S
City of Miami Beach
Design Criteria Packages
Prioritized by Flood Risk with Water & Sewer
(Normalized by Population Served)
0
0.5
1
Mile

1. Objectives

The City of Miami Beach (hereafter, the "City") provides a broad range of services that support the welfare of residents and enable economic growth and prosperity while protecting the environment. In recent years, sea level rise (SLR) and severe weather events exacerbated by climate change threaten the long-term reliability of these services—the City must adapt. The City currently employs a variety of planning processes that identify capital projects to maintain and improve service delivery. While some projects address flooding risks, the City is seeking to more comprehensively factor flood risks into how all capital programs are prioritized for implementation. Additionally, as it adapts to SLR and climate change, the City seeks to both accelerate project implementation and minimize disruption and community impact from construction activities. Based on these objectives, the City asked Jacobs to develop and apply a methodology to achieve the following:

- Evaluate individual capital projects (from multiple planning areas) based on the degree to which the benefits of each project support the City's management priorities and goals.
- Aggregate individual capital projects from all planning processes into logical geographically bounded Project Group Areas (PGAs) that can each be implemented as single, consolidated projects to minimize impact on communities from construction activities.
- Prioritize PGAs based on a range of management priorities and planning scenarios, including flood risk management.
- Recommend a final prioritization of capital PGAs to inform how implementation will be sequenced across the City. Implementation will be supported by Design Criteria Packages (DCPs) that will be developed for individual PGAs.

The development and application of the methodology was informed by the following guiding principles:

- ***The methodology should be standardized, unbiased, objective, and transparent***. This emphasizes the need for a comprehensive evaluation framework where ratings are based on standardized criteria and scales to be applied across all projects. Transparency requires that the general public has full visibility into the process of prioritizing projects.
- ***The methodology should reflect the management focus on flood risk management in the prioritization of PGAs.*** This emphasizes the need to design the prioritization methodology to give extra weight to projects that provide a flood management benefit.
- ***The methodology should incentivize the creation of sustainability co-benefits, including environmental and social***. This supports the City's goal to integrate innovative urban design into the mitigation of risks to improve environmental sustainability and positively enhance the landscape and social/economic benefits to the community. Projects that address known risks in the implementation area but also drive social and environmental sustainability co-benefits should rank higher.

2. Approach

Given the guiding principle of transparency and supporting community stakeholder understanding of how infrastructure capital projects will be prioritized within the City, Jacobs established an approach that included technical methods combined with public involvement and engagement with City leadership. The key steps in the development and application of the methodology included:

- ***Development of Project Evaluation Framework***. This included development of project benefit categories with associated weight factors that reflect the City's management priorities. This also included establishing a scale of attributes for each category to support differentiation of project benefits across a range of service levels.
- ***Public Vetting of Project Evaluation Framework***. The Project Evaluation Framework (categories, attributes, and weight factors) were presented to the general public to solicit feedback and provide the community with an understanding of the methodology.

- ***Alignment with Department of Public Works, City READY Team, and Mayor/City Commission.*** The Project Evaluation Framework (categories, criteria, and weight factors) was presented to City leadership functions for alignment before it was applied. This helps maintain objectivity by not having the alignment on methods be biased by the results they would produce.
- ***Development of Capital Project List***. This included review of the City's key planning documents, extraction of individual capital projects, and geolocating these projects in the City. As explained in Road Elevation Strategy and Recommended Sea Level Risk/Tidal Flood Adaptation Projects (Jacobs, 2020), Jacobs also developed 64 Tidal Flood Adaptation Projects that focus on raising road elevations to achieve the desired level of flood risk management from tidal ("sunny day") flooding.
- ***Scoring Individual Capital Projects***. This included Jacobs experts applying the Project Evaluation Framework to each individual project to create an overall score to be used for inter-project comparisons and relative prioritization. A spreadsheet tool was created to support project scoring.
- ***Aggregation of Individual Capital Projects into Neighborhood PGAs.*** This included clustering individual projects into PGAs based on geographic proximity, site constraints, and the desire to manage the size of PGAs to avoid excessively long construction schedules and minimize community disruptions from construction activities.
- ***Developed Two Planning Scenarios that Reflect Different City Planning Priorities.*** These included 1) Flood Risk and 2) Flood Risk with Water and Sewer. The difference in these scenarios are the projects that are used for prioritization. As further explained below, Scenario 1 prioritizes based on projects intended to address flooding risks and Scenario 2 prioritizes based on projects intended to address flooding risks and projects that address water and sewer service delivery. The same methodology was applied in both scenarios but because of the different projects used for prioritization, each produces a different ranking of the PGAs.

2.1 Development of Project Evaluation Framework

The Project Evaluation Framework can be applied to individual capital projects. It is organized by project benefit categories (11 in all, as explained below), each with a weight factor to indicate relative importance among categories. Each project benefit category also has a defined scale of attributes used to rate the level of service within that category. The following strategic objectives were used to design project benefit categories:

- ***Public Health and Safety***. Priorities in this planning area include emergency response (for example, maintaining adequate capacity and pressure in the water system to support fire suppressions systems), drinking water safety/reliability, critical flooding risks, and SLR.
- ***Flood Management and Water Quality Protection***. Priorities in this planning area include reducing the risks to property from stormwater and king tide events and protecting environmental water quality from stormwater point and non-point sources.
- ***Long-Term Supply Reliability of City Services***. Priorities in this planning area focus on capacity enhancements, system maintenance and improvements for water distribution, wastewater collection, climate adaptation, and the transportation system.
- ***Sustainability: Environmental and Social***. Priorities in this planning area focus on mobility, climate mitigation, natural resource management, watershed protection/restoration, waste reduction, and social issues.

Project categories span the range of benefits that any one project might provide; note that a single project can provide benefits across multiple categories. The resultant list of project benefit categories used to evaluate individual capital projects and prioritize PGAs includes:

- ***Coastal Flood Risk Management***. Includes the reduction of exposure and sensitivity to king tides, SLR, and storm surge from extreme coastal storms, such as tropical storms and hurricanes.

- ***Potable Water Distribution/Fire Suppression Systems.*** Includes the protection of public health through reliable, safe drinking water. Also includes maintenance of capacity and pressure in the water system for fire protection systems and enhanced public safety.
- ***Emergency/Critical Facilities and Roads.*** Includes transportation (ingress and egress) and service delivery (water, sewer, stormwater) to critical facilities.
- ***Sanitary Sewer Service Delivery.*** Includes public health and environmental protection benefits of proper wastewater management.
- ***Rain-Driven Stormwater Management.*** Includes the flood management benefits of the control of stormwater runoff volumes and the social, environmental, and regulatory compliance benefits of water quality protection.
- ***Environmental Benefits.*** Includes protection of Biscayne Bay, reduction in heat island effect, habitat restoration/protection, and environmental education.
- ***Economic Development***. Includes urban design and landscape modifications that support tourism, historic preservation, and increased commercial activity.
- ***Pedestrian and Bicycle Mobility***. Includes modifications to roadways and public spaces that promote and protect bicycle and pedestrian movement.
- ***Road Classification.*** Considers the overall capacity of roads, ranging from arterial and emergency roads to local commercial and residential roads.
- ***Road Condition Maintenance.*** Considers the remaining service life of existing roads; longer service life corresponds to greater benefits.
- ***Aesthetics.*** Includes urban design and landscape modifications that enhance the quality of the built environment and maintain historic feel.

2.1.1 Establishing Weight Factors for Project Benefit Categories

The preceding categories all provide benefits in support of City goals, but not to an equal degree. To account for this difference, Jacobs developed relative weight factors using a pairwise comparison technique. A panel of Jacobs experts compared each category to each of the other categories. For each comparison, the panel had to reach a consensus on the relative importance between the two categories being compared. The scoring options include:

- Much More Important
- More Important
- Equally Important
- Less Important
- Much Less Important

When discussing and debating scores, the panel reflected on both the guiding principles and the City's strategic priorities. The panel had to ultimately agree on a single score for each comparison pair. After all comparisons were scored, weight factors were calculated. Appendix A provides a detailed summary of weight factors. Raw calculated weight factors were rounded as a final step. Table 1 lists the final category weight factors used in the prioritization process.

Table 1. Category Weight Factors

Category	Weight Factor
Coastal Flood Risk Management	100
Potable Water Distribution/Fire Suppression Systems	100
Emergency/Critical Facilities and Roads	90
Sanitary Sewer Service Delivery	85
Rain-Driven Stormwater Management	85
Environmental Benefits	70
Economic Development	60
Pedestrian and Bicycle Mobility	50
Road Classification	40
Road Condition Maintenance	40
Aesthetics	35

The final weight factors align with the City's strategic priorities; more specifically:

- *Coastal Flood Risk Management* and *Potable Water Distribution/Fire Suppression Systems* are both top priorities.
- *Emergency/Critical Facilities and Roads* is a very high priority but has a dependency on *Coastal Flood Risk Management* and *Potable Water Distribution/Fire Suppression Systems*. Also, Fire Suppression is part of the first line of emergency response and so has slightly higher priority.
- *Sanitary Sewer Service Delivery* and *Rain-Driven Stormwater Management* are equally and highly important, reflecting public health and environmental benefits of a reliable sanitary sewer system. Both are equally important compared to protecting people and property from stormwater flooding and protecting the environment from polluted stormwater runoff.
- *Environmental Benefits* rank slightly higher than *Economic Development*, reflecting the importance of environmental protection and restoration to the tourism economy of the City. *Environmental Benefits* also satisfy regulatory requirements that the City must satisfy.
- *Pedestrian and Bicycle Mobility* ranks higher than *Road Classification and Road Condition Maintenance*, reflecting the priority of increasing pedestrian and bicycle mobility and protecting these modes of transportation from vehicular traffic.
- *Aesthetics* ranked the lowest because of the limited degree to which it reduces priority risks. Within the prioritization methodology, projects that are solely aesthetic (no other project benefit categories are involved) will rank fairly low. However, *Aesthetics* has an important influence on prioritization when it is a component of projects that have benefits across higher priority categories.

2.1.2 Development of Level of Service Attributes to Rate Project Performance in Each Category

For each category, Jacobs defined a specific scale of attributes to rate the level of service that an individual project has within the category. For each category, five attributes were defined corresponding to different levels of service. To support prioritization, each attribute within a category was given a value of between 10 (high) and 0 (Not Applicable). Attribute values within each category were established using the pairwise comparison technique. Figure 1 provides an example for the Coastal Flood Risk Management attributes. Appendix A provides the full list of categories, attributes, and attribute values.

Coastal Flood Risk Management	Coastal Storm Surge	10
	Sunny Day Flood Risk: High	10
	Sunny Day Flood Risk: Med High	8
	Sunny Day Flood Risk: Med	6
	Sunny Day Flood Risk: Low	4
	Not applicable	0

Figure 1. Coastal Flood Risk Management Attributes and Assigned Attribute Values

Section 2.5 provides a complete explanation of how categories, attributes, and attribute values are used to score individual projects.

2.2 Public Vetting of Project Evaluation Framework

In accordance with the guiding principles of prioritization and the desire for the public to believe and trust the prioritization results, a public meeting was held on January 21, 2020. During the meeting, the entire Project Evaluation Framework (including categories, weight factors, attributes, and attribute values) was presented and explained to the public. Examples of how the framework would be applied were also provided. The meeting was advertised in advance per City policy and a public comment period was provide for a few days after the meeting. Feedback from the public was considered when finalizing the overall Project Evaluation Framework. Appendix B includes notes from public meeting.

2.3 Alignment with Department of Public Works, City READY Team, and Mayor/City Commission

Several meetings were held between the Jacobs team developing the prioritization methodology and the City departments and leadership that will rely on the results it produces. The purpose of these meetings was to confirm City understanding of the underlying design principles of the prioritization methodology, as this is critical to understanding the results. The following meetings were conducted in support of this goal:

- ***September 12, 2019 – READY Team Briefing.*** The categories were presented and validated.
- ***December 12, 2019 – READY Team Briefing***. The in-progress draft of the full methodology was presented and discussed, including a listing of the source documents from which capital projects would be extracted for prioritization. The feedback received informed improvements to the methodology. The discussion also yielded progress in aligning the Jacobs project team with City departments and leadership on needed clarifications. Prioritization results were not shared at this meeting.
- ***January 9, 2020 – READY Team Briefing***. The updated methodology was shared with the READY Team in preparation for the public meeting that was held January 21, 2020. The full Project Evaluation Framework was shared, including categories, weight factors, attributes (with attribute values), and a listing of the source documents from which capital projects would be extracted for prioritization. Example applications of the methodology were shared. Prioritization results were not shared at this meeting.
- ***January 27, 2020 – Commissioners Retreat/Workshop***. The full rationale and methodology for the Project Evaluation Framework was presented including the categories, weight factors, attribute scales, and a listing of the source documents from which capital projects would be extracted for prioritization. Draft results were presented showing a map and ranked bar chart of 21 neighborhoods prioritized. During this meeting, the City requested two scenarios be evaluated: 1) Flood Risk and 2) Flood Risk with Water and Sewer.
- ***February 6, 2020*** – ***Department of Public Works (DPW)***. The Jacobs team met with DPW personnel to review the full list of projects to be included in the prioritization. The projects were

extracted from the various planning documents provided by the City. Projects were flagged for either inclusion or exclusion from the prioritization at the direction of DPW.

- **February 13, 2020 – READY Team**. The updated methodology including both scenarios was presented along with ranked bar charts for all scenarios of neighborhoods prioritized by project counts from the various planning sources. The approach to incorporation of flood risks was presented and discussed resulting in a modification to the approach.
- ***February 18, 2020*** – ***Department of Public Works***. Based on the February 6 meeting, Jacobs prepared and submitted a final list of all projects to be included in the prioritization for final review and comment by DPW.
- **February 27 and March 23, 2020** – ***Department of Public Works***. During these meetings, the draft prioritization results were presented to DPW. Results included neighborhood prioritizations for all scenarios, based on total score and score normalized by population served. Additionally, the prioritized PGAs were presented for all scenarios, based on total score and normalized by population served. Discussions focused on understanding the results. Jacobs recommended prioritization of PGAs from Scenario 2 (Flood Risk with Water and Sewer), normalized by population served) be used to guide future planning (Section 4 provides the rationale for this recommendation).

These meetings were critical to maintaining a path toward alignment on the final methodology and results.

2.4 Development of Capital Project List

A comprehensive list of previously identified City capital projects was developed for inclusion in the prioritization analysis. This project list was compiled from multiple data sources including the City Capital Improvement Program (CIP), master plans, general obligation bond projects, water and sewer master plans, and rehabilitation and replacement (R&R) reports. In addition, road elevation projects, referred to as Tidal Flood Adaptation Projects (TFAPs), were developed and included in the prioritization. Each planning source is briefly described in the following bullets.

- ***Transportation Master Plan (Gannett Fleming, 2016)***. The Transportation Master Plan establishes goals to achieve an overall multimodal vision for the City's transportation network. It describes City planning efforts, such as area plans, corridor studies, and other Commission-driven activities that modify and enhance the mobility and connectivity of the residents and visitors. Because no road reconstruction projects are included, no applicable Transportation Master Plan projects were identified for use in the prioritization analysis.
- ***Stormwater Drainage Reports (AECOM, 2017, 2018, and 2019)***. These drainage reports, referred to here as the "Stormwater Master Plan", provide the location and design of proposed pump stations, gravity collection system improvements, and pumped outfalls to achieve the City adopted 10 year, 24-hour design storm level of service for rainfall-driven flood risk management. Geographic information system (GIS) layers containing these proposed improvements spanning every sub-basin of the City were imported into GIS and grouped as stormwater improvements. Collectively the drainage reports include 27 capital projects, and all were included in the prioritization analysis.
- ***Water System Master Plan (Hazen and Sawyer, 2019)***. The Water System Master Plan identifies capital projects for implementation over a planning horizon spanning 25 years (2020 to 2045). Specific projects are identified for implementation, including the recommended year of implementation based on priority. Types of projects include booster stations, aerial crossings, and fire flow projects. For most water mains across the City, specific projects were not identified. Instead, the Water System Master Plan recommends pipe replacements by prescribing that a percentage of the overall City-wide system be replaced based on a risk-based prioritization that used estimated probabilities of failure and consequences of failure. GIS layers containing these prioritizations were imported into GIS and clustered into three priority levels: high (projects to be implemented between 2020 and 2025), medium (projects to be implemented between 2026 and 2036), and low (projects to be implemented between 2037 and 2045).
- ***Sanitary Sewer System Master Plan (Hazen and Sawyer, 2019)***. This master plan identifies capital projects for implementation over a planning horizon spanning 25 years (2020 to 2045). Specific

projects are identified for implementation, including the recommended year of implementation based on priority. Types of projects include gravity mains, pump stations and aerial crossings. For most of the gravity and force mains across the city, specific projects were not identified. Instead force main replacements were recommended by prescribing that a percentage of the overall city-wide system be replaced based on a risk-based prioritization that used estimated probabilities of failure and consequences of failure. GIS layers containing the prioritizations for force mains were imported into GIS and clustered into three priority levels; high (projects to be implemented between 2020 and 2025), medium (projects to be implemented between 2026 and 2036) and low (projects to be implemented between 2037 and 2045). GIS layers for gravity mains were also imported.

- ***Fire Flow Utility Data in GIS*** (***Hazen and Sawyer).*** This standalone dataset in GIS was provided by Hazen and Sawyer. This dataset consists of fire flow improvement projects, water mains, telelogger locations and associated age, material, breaks, and condition information. Unique fire flow projects were identified and delineated in GIS for incorporation in the prioritization analysis. A total of 19 force main and lateral projects included in the data set were included in the prioritization analysis. Some projects in this data set were redundant with projects listed in the Water System Master Plan.
- ***Water & Sewer Renewal and Replacement Report (Hazen & Sawyer, 2018)***. This report serves as a condition assessment of existing aboveground water and wastewater assets, which include pump stations and aerial crossings and provides recommendations for enhancement and replacement of those assets. The recommended water aerial crossings and pump stations projects were delineated in GIS. The report includes 46 projects, and all were included in the prioritization analysis. Some projects in this data set were redundant with projects listed in the Water System Master Plan and Sanitary Sewer System Master Plan.
- ***City of Miami Beach Capital Improvement Plan – Upcoming Projects Planning, Design (Active CIP, June 2019).*** The City established the CIP in the summer of 2001 to consolidate the City's capital construction efforts into a single entity that would serve as a focal point for planning and construction program management activities. The City is currently managing many active CIP projects in planning, design, and construction phases. Two of these projects were included in the prioritization analysis. The majority of projects in the CIP were not included because they were either in progress or did not involve significant structural changes to infrastructure.
- ***G.O. Bond (November 6, 2018, referendum)***. The Miami Beach General Obligation Bond Program (hereafter, the "G.O. Bond Program") is a $429-million program designed to revitalize public spaces, public infrastructure, and public safety and security. Upgrading City functions and enhancing city aesthetics at an unprecedented scale, the G.O. Bond Program is working to implement separate improvement projects that will positively impact quality of life, economic health, and overall resilience of the City. G.O. Bond Projects were delineated based on project descriptions from the G.O. Bond website (https://www.gombinfo.com/). Most projects do not involve significant structural changes to infrastructure. The four projects included are large, multi-faceted structural infrastructure projects and were included in the prioritization analysis. Jacobs recommends that the aesthetic, non-structural projects that were excluded from the analysis be included in final DCP planning.
- ***City of Miami Beach Blueways Master Plan (EDSA et al., 2014)***. The Blueways Master Plan is a 5-year planning document containing projects intended to increase the interaction of residents and tourists with the waterways in and around the City. Applicable Blueways Master Plan projects were extracted from this Plan and delineated in GIS based on project name and description. The projects identified for use in the analysis consisted of waterfront and street-end projects considered neighbor-hood improvements. Four projects were included in the prioritization analysis. Jacobs recommends that the aesthetic, non-structural infrastructure projects that were excluded from the analysis be included in final DCP planning.
- ***Tidal Flood Adaptation Projects (Jacobs, 2020).*** TFAPs are projects comprised of elevating City roads that have a high risk of tidal flooding based on their low surface elevation. These project areas were delineated based on roads having the highest risk to flooding today. These projects were used for delineations of PGAs and project prioritization. A total of 64 TFAP projects were developed and all were included in the prioritization analysis.

Based on the project description and planning source, each project was evaluated to determine if it would be included or excluded from the prioritization process. Individual projects were excluded based on the following criteria:

- Project completed
- Project under contract to being design
- Project in design
- Project in construction
- Project does not incorporate a structural change to infrastructure

A total of 560 individual projects were evaluated as part of the review process, with 401 projects selected to be included in the prioritization process. Appendix C provides a complete summary of all projects evaluated with details on whether the project was included or excluded. Relevant information that was extracted from each source document included the following:

- Project Name
- Unique Tracking Number
- Location (road, intersection, etc.)
- Description
- Neighborhood
- Spatial extent (GIS-based)

Note that the information provided by the City came in a variety of formats and the available information for each individual project varied greatly, including some projects that had no description. Therefore, it is possible that some projects that were excluded from the prioritization process could have been included if more information were available.

2.5 Scoring Individual Capital Projects

Each individual project was scored using the Project Evaluation Framework (using the Categories and Attribute scales described in Sections 2.1.1 and 2.1.2). Appendix C summarizes the benefit scores for each of the 401 projects. The general process of scoring individual capital projects selected for inclusion in the prioritization analysis included the following:

- ***Assign Categories***. The available information for each project was reviewed and a determination was made regarding the categories for which the project provided benefits. Some projects provided benefits in only one category (for example, fire flow) and some projects provided benefits across multiple categories depending on the type of project.
- ***Select Attribute***. The available information for each project was reviewed to select the attribute within each category that best represented the level of service the project is expected to deliver within that category.
- ***Calculate Individual Project Score***. Individual project scores were calculated by multiplying the category weight factor by the selected attribute value. The values for all categories were then summed to provide an overall project score to be used in subsequent prioritization analyses.

2.6 Aggregation of Individual Capital Projects into Project Group Areas and Neighborhood Rankings

GIS layers containing each individual CIP project were spatially analyzed to identify project groupings that formed the PGAs. Note that the establishment of PGA boundaries is intended to form the initial grouping for DCP planning purposes and may not represent the final project boundaries. Further review of PGA boundaries will be necessary prior to the DCP phase to address project sizing and sequencing based on

the City's capital project experience, private development projects, available resources to manage projects, and limiting transportation impacts, and to align with available funding. Additional project grouping and sub-divisions may be warranted to address these issues and/or other identified capacity or system performance issues. CIP projects were grouped into PGAs with a focus on grouping projects adjacent to or overlapping one another. Consolidating multiple types of projects together into PGAs helps to minimize disruption of services during construction and maintaining ingress and egress.

PGA boundaries were delineated using design and engineering knowledge of multiple systems (that is, stormwater, water, fire flow, wastewater, and transportation), and in consideration of project phasing and efficient use of resources. For example, where a PGA boundary spans multiple wastewater collection system projects, project limits start at the downstream portion of the collection system and work upstream with subsequent projects or project phases to ensure adequate capacity is provided at the downstream end before upstream capacity improvements are provided. Where PGA boundaries cross proposed wastewater collection lines, preference was given to break the PGA at mainline junctions or pump stations.

To better support decision making within each planning scenario, prioritization results were developed for PGAs based on the total score for all projects within the PGA (per Section 2.5) and based on total score normalized by the population served within the PGA. The benefit score of each project within a PGA was summed to calculate the score for each respective PGA. These scores were then standardized to a 100-point scale.

To support normalizing by population served, each PGA was overlaid with the 2010 census block data to calculate total population server for each respective PGA. The PGA benefit score was multiplied by the total population served and then standardized to a 100-point scale. Neighborhoods were then ranked based on their respective PGA benefit score and PGA benefit score weighted by the total population served.

2.7 Planning Scenarios

The City requested PGAs and neighborhood prioritizations across two different scenarios to consider a range of options for how to proceed with implementation. Each scenario aligns with a specific City management priority. Variations between scenarios are driven by the use of different capital project lists, as described below:

Scenario 1 – Flood Risk. This scenario focused exclusively on prioritizing PGAs based on the flood management benefits of the projects. The projects used to develop this scenario included all capital projects that were determined to provide a Coastal Flood Risk Management or Rain-Driven Stormwater Management benefit based on application of the Project Evaluation Framework. The strength of this scenario is its singular focus on flood risk reduction, but that comes at the cost of having to return to a community to implement other capital projects (for example, water and sewer) and thereby subjecting the community to another construction project in their area.

Scenario 2 – Flood Risk and Water and Sewer. This scenario focused on prioritizing PGAs based on integrating flood risk management capital projects with water and sewer capital projects to minimize the impact on communities by performing construction for these projects at the same time (and thereby avoiding two separate construction events). Cost reductions through synergies may also be a benefit of this scenario. The projects used to build this scenario included the same flood risk projects from Scenario 1 with the addition of the water and sewer capital projects. The reduction in community impact is the primary strength of this scenario from consolidating construction activities; its lack of green infra-structure and opportunity to incorporate innovative urban designs are its primary weaknesses.

Appendix D summarizes each project's assigned scenario(s).

3. Results

The prioritization methodology was applied to the portfolio of capital projects that were aggregated into PGAs. Prioritizations were developed for both planning scenarios. Two prioritizations were developed for each scenario: one based on total project scores within the PGA and one based on the total score normalized by population served within the PGA. The results include:

- ***Prioritized Project Group Areas***. A comprehensive ranked listing of all PGAs is provided for each scenario (total score and normalized by population served). These results are the foundation for development and implementation of DCPs.
- ***Neighborhoods***. These results provide a higher-level understanding of which neighborhoods within the City are high, medium, or low priority overall. Note that the primary prioritization basis for planning is the PGA and that prioritization of neighborhoods is intended to support engagement with external stakeholders that may want to understand the relative priority of a specific neighborhood in its entirety (as opposed to the specific PGAs in a neighborhood).

The results of prioritization are presented in Tables 2 and 3 and in Appendix E, which includes a comprehensive set of charts, maps and tables (maps were only developed for Scenarios 1 and 2, normalized by population). The PGA nomenclature is based on the neighborhood within which it is located (for example, OCFT is Oceanfront); the number is not a ranking but was used to maintain a unique identification for each PGA to distinguish between multiple PGAs within the same neighborhood.

Table 2. PGA and DCP Rankings

	Scenario 1 (Flood Risk)		Scenario 2 (Flood Risk with Water/Sewer)	
Rank	Un-Weighted	Population Weighted	Un-Weighted	Population Weighted
1	Oceanfront A	Oceanfront A	La Gorce B	Normandy Isles A
2	La Gorce B	West Avenue and Bay Road A	Star and Terminal Island A	Oceanfront B
3	La Gorce C	Normandy Isles A	Oceanfront A	West Avenue and Bay Road A
4	Bayshore C	South Pointe A	City Center B	Oceanfront A
5	South Pointe A	La Gorce B	Normandy Isles A	Flamingo/Lummus C
6	Normandy Isles A	Oceanfront B	North Shore C	Flamingo/Lummus G
7	South Pointe C	Flamingo/Lummus C	La Gorce C	City Center B
8	West Avenue and Bay Road A	Flamingo/Lummus G	North Shore D	Flamingo/Lummus D
9	Allison Island B	South Pointe D	Venetian Islands A	North Shore C
10	Nautilus G	Bayshore C	Bayshore C	South Pointe D
11	Flamingo/Lummus E	Biscayne Point A	South Pointe D	Biscayne Point A
12	South Pointe D	South Pointe C	Bayshore B	Flamingo/Lummus A
13	Nautilus F	Flamingo/Lummus D	Flamingo/Lummus C	North Shore D
14	Normandy Shores A	North Shore B	Flamingo/Lummus D	North Shore B
15	Allison Island A	North Shore A	Oceanfront B	North Shore E
16	Flamingo/Lummus C	Flamingo/Lummus E	Flamingo/Lummus G	North Shore F
17	Bayshore A	City Center B	La Gorce D	South Pointe A
18	La Gorce D	La Gorce C	Sunset Islands A	La Gorce B

Table 2. PGA and DCP Rankings

	Scenario 1 (Flood Risk)		Scenario 2 (Flood Risk with Water/Sewer)	
Rank	Un-Weighted	Population Weighted	Un-Weighted	Population Weighted
19	Biscayne Point A	Nautilus G	Bayshore D	Flamingo/Lummus B
20	Bayshore D	Normandy Shores A	Flamingo/Lummus E	Flamingo/Lummus F
21	Flamingo/Lummus D	Flamingo/Lummus A	Lower North Bay Road A	North Shore A
22	Flamingo/Lummus G	North Shore C	Nautilus A	Nautilus A
23	Bayshore B	North Shore E	Flamingo/Lummus A	Flamingo/Lummus E
24	City Center A	North Shore D	Biscayne Point A	Bayshore C
25	La Gorce A	North Shore F	La Gorce A	Bayshore B
26	Nautilus D	Nautilus A	West Avenue and Bay Road A	Venetian Islands A
27	Lower North Bay Road A	Flamingo/Lummus B	Star and Terminal Island B	South Pointe C
28	Nautilus A	Flamingo/Lummus F	North Shore E	Nautilus G
29	Nautilus B	City Center A	Bayshore A	City Center A
30	Nautilus E	Nautilus F	Nautilus G	Venetian Islands B
31	North Shore A	Bayshore B	North Shore F	Normandy Shores A
32	North Shore B	La Gorce D	City Center A	La Gorce D
33	Oceanfront B	Venetian Islands B	Palm and Hibiscus A	La Gorce C
34	City Center B	Allison Island B	South Pointe A	Bayshore D
35	North Shore D	Nautilus B	La Gorce Island A	Lower North Bay Road A
36	Biscayne Point B	Biscayne Point B	Flamingo/Lummus B	Nautilus B
37	La Gorce Island A	Bayshore A	Venetian Islands B	Nautilus C
38	Lakeview A	Bayshore D	Flamingo/Lummus F	Bayshore A
39	North Shore E	Lower North Bay Road A	North Shore B	Nautilus F
40	Biscayne Point C	Lakeview A	Normandy Shores A	Palm and Hibiscus A
41	Flamingo/Lummus A	Biscayne Point C	Sunset Islands B	Biscayne Point B
42	Flamingo/Lummus B	Allison Island A	South Pointe C	Lakeview A
43	Flamingo/Lummus F	Nautilus D	Nautilus B	Biscayne Point C
44	North Shore C	Sunset Islands A	Nautilus C	Sunset Islands A
45	North Shore F	La Gorce A	North Shore A	Allison Island B
46	Sunset Islands A	Nautilus E	Nautilus F	La Gorce Island A
47	Sunset Islands B	La Gorce Island A	Allison Island B	Sunset Harbor A
48	Star and Terminal Island A	Sunset Islands B	Biscayne Point B	La Gorce A
49	Star and Terminal Island B	Star and Terminal Island B	Nautilus E	Sunset Islands C
50	Venetian Islands B	Star and Terminal Island A	Biscayne Point C	Nautilus D

Table 2. PGA and DCP Rankings

Scenario 1 (Flood Risk)			Scenario 2 (Flood Risk with Water/Sewer)	
Rank	Un-Weighted	Population Weighted	Un-Weighted	Population Weighted
51	Nautilus C	Nautilus C	Sunset Islands C	Star and Terminal Island B
52	Palm and Hibiscus A	Palm and Hibiscus A	Lakeview A	Sunset Islands B
53	Sunset Harbor A	Sunset Harbor A	Nautilus D	Allison Island A
54	Sunset Islands C	Sunset Islands C	Allison Island A	Star and Terminal Island A
55	South Pointe B	South Pointe B	Sunset Harbor A	Nautilus E
56	Venetian Islands A	Venetian Islands A	South Pointe B	South Pointe B

Table 3. Neighborhood Results Based on PGA and DCP Scores

Scenario 1 (Flood Risk)			Scenario 2 (Flood Risk with Water/Sewer)	
Priority	Un-Weighted	Population Weighted	Un-Weighted	Population Weighted
High	La Gorce	Oceanfront	Flamingo/ Lummus	Flamingo/ Lummus
	Bayshore	Flamingo/ Lummus	North Shore	North Shore
	Flamingo/ Lummus	South Pointe	La Gorce	Oceanfront
	Nautilus	West Avenue and Bay Road	Nautilus	Normandy Isles
	Oceanfront	Normandy Isles	Bayshore	South Pointe
	South Pointe	North Shore	Oceanfront	West Avenue and Bay Road
	North Shore	La Gorce	South Pointe	City Center
Med	Allison Island	Bayshore	Star and Terminal Island	Nautilus
	Biscayne Point	Nautilus	City Center	Bayshore
	Normandy Isles	Biscayne Point	Sunset Islands	Biscayne Point
	West Avenue and Bay Road	City Center	Venetian Islands	La Gorce
	City Center	Normandy Shores	Biscayne Point	Venetian Islands
	Normandy Shores	Allison Island	Normandy Isles	Normandy Shores
	Star and Terminal Island	Venetian Islands	Lower North Bay Road	Lower North Bay Road

Table 3. Neighborhood Results Based on PGA and DCP Scores

Scenario 1 (Flood Risk)			Scenario 2 (Flood Risk with Water/Sewer)	
Priority	Un-Weighted	Population Weighted	Un-Weighted	Population Weighted
Low	Sunset Islands	Lower North Bay Road	West Avenue and Bay Road	Sunset Islands
	Lower North Bay Road	Lakeview	Palm and Hibiscus	Palm and Hibiscus
	La Gorce Island	Sunset Islands	La Gorce Island	Allison Island
	Lakeview	La Gorce Island	Allison Island	Lakeview
	Venetian Islands	Star and Terminal Island	Normandy Shores	Star and Terminal Island
	Palm and Hibiscus	Palm and Hibiscus	Lakeview	La Gorce Island
	Sunset Harbor	Sunset Harbor	Sunset Harbor	Sunset Harbor

4. Recommendations

Based on the results of prioritization, Jacobs recommends that the City proceed with planning and development of DCPs beginning with Scenario 2 results (Flood Risk with Water and Sewer), normalized by population served. Scenario 1 (Flood Risk) is not recommended because of its limited focus. Though Scenario 1 focuses on a top priority issue (flood risk management), it de-emphasizes other important priorities, such as fire flow (that is, other forms of public safety). Scenario 2 (Flood Risk with Water and Sewer) has a significantly different PGA ranking compared to Scenario 1, which indicates that the addition of water and sewer projects has an important role in the prioritization.

Scenario 2 reflects a balanced prioritization that addresses both flood risk and water/sewer management priorities. This integrated infrastructure approach has all aspects of water resource management included and provides the opportunity to more robustly integrate additional green infrastructure and environmental and urban design projects during the development of DCPs. These enhancements will help harmonize the changes with surrounding land use and will increase the social, environmental, and economic co-benefits of projects. Improved harmonization and increased co-benefits will increase public support for the broader change that the current portfolio of infrastructure projects will create. Augmenting Scenario 2 in this way will also increase its alignment with the recommendations made in the 2018 Urban Land Institute. Certain G.O. Bond and Blueways projects are not included in the prioritization because they were not significant infrastructure projects. However, the City should consider including these projects in the DCPs because of the urban design and aesthetic benefits they provide.

The next step for the City is to begin the process of developing DCPs for the top priority PGAs. Based on the recommendation on the previous page, the top five PGAs that could be considered for DCP development are:

- ***Normandy Isles A.*** This PGA contains 15 infrastructure capital projects spanning the range of City services, including stormwater management, wastewater pump station (rehab), water pump station, water booster pump station (rehab), fire flow improvements, sewer force main replacements (priority 1), sewer gravity main replacements, water main replacements (priority 1), and 8 TFAPs. Normalizing the total score by the total population served by this PGA increased the ranking of this PGA by four places.

- ***Oceanfront B.*** This PGA contains 11 infrastructure capital projects that span multiple City services but with a skew toward sewer force main replacements. This PGA includes priority 1, 2, 3, 4, and 5 sewer force main replacements as well as stormwater improvements, Sewer Pump Station #27 rehab and new force main, replacement of water mains (priority 1), and two TFAPs. Normalizing the total score by the total population served by this PGA increased the ranking of this PGA by 13 places.
- ***Oceanfront A***. This PGA contains seven infrastructure projects including stormwater management improvements, two living shorelines, pedestrian connectivity improvements, fire flow improvements, replacement of water mains (priority 1), and one TFAP. The ranking for this PGA was not significantly different based on total and normalized score.
- ***Flamingo/Lummus C.*** This PGA contains 10 infrastructure capital projects spanning the range of City services, including stormwater management improvements, two fire flow improvements, replacement of priority 1 and 2 sewer force mains, replacement of priority 2 sewer gravity mains, replacement of priority 2 water mains, and three TFAPs. Normalizing the total score by the total population served by this PGA increased the ranking of this PGA by eight places.
- ***Flamingo/Lummus G.*** This PGA contains nine infrastructure capital projects spanning the range of City services, including stormwater management improvements, replacement of priority 1 and 2 sewer force mains, replacement of priority 2 sewer gravity mains, sewer pump station (rehab), fire flow improvements, replacement of priority 2 water mains, and two TFAPs. Normalizing the total score by the total population served by this PGA increased the ranking of this PGA by 10 places.

One PGA (WABR 52 in the West Avenue/Bay Road neighborhood) ranked in the top five but is not recommended for inclusion in the top five list of DCPs because the City has already initiated a major infrastructure capital program in this area that includes a TFAP and water and sewer improvements. As previously mentioned, this prioritization did not include projects that have already been initiated.

As the City moves forward with the DCP development process, Jacobs recommends the following considerations:

- Consider adding green infrastructure projects in each DCP area. Green infrastructure will improve water quality protection, augment flood management performance, and aesthetically enhance the landscape. Green infrastructure can also help in harmonizing the transition between grade changes associated with TFAPs in some situations.
- Review each DCP for opportunities to integrate innovative urban design elements and to increase the co-benefits and public support for the project. Living with water, placemaking, active healthy lifestyle, and economic development are important planning objectives that can help turn climate risks into opportunities for improvement and sustainable growth.
- Confirm DCP project limits and contents based on the available funding and related constraints. DCPs need to be aligned with overall funding levels and conform to the policy that governs the use of funds from specific sources. Cost estimating was not part of the current task and should be done during the next phase of work.
- Determine the recommending implementation sequence within each DCP. The implementation sequence of infrastructure capital improvements should be established to minimize the impact on communities during construction. Sequencing should also be established to maximize construction efficiency and to avoid construction of one capital project impacting an already completed construction project.
- Add DCPs to the City's CIP schedule, including allocated funding. Once finalized, DCPs should be added to the City CIP program so that they are integrated with the City's existing project planning and implementation management processes.
- Confirm READY Team and City Commission alignment with DCP priorities and implementation plans. The long-term success of the City's adaptation to climate change depends on alignment across City departments and among the City's elected officials.

- Plan for extensive community engagement before DCPs are finalized to confirm community input is factored into design considerations and implementation sequencing. Keeping the community informed and soliciting their input during the design of projects is critical to managing the level of community acceptance of the level of change that implementation of DCPs will created in some neighborhoods.

5. References

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6. Appendices

Appendix A: Category and Scoring Criteria

Appendix B: Public Meeting Notes

Appendix C: Individual Needs Summary

Appendix D: Prioritized Needs Scoring by Scenario

Appendix E: Prioritization Results

- Charts and Tables
- Neighborhood Prioritization Maps
- Project Group Area Prioritization Maps
- Design Criteria Package (DCP) Prioritization Maps

Appendix A
Category and Criteria Summary

Category Weight Factors

Aspect / Aspect	Aesthetics	Emergency (Critical) Facilities & Roads	Environmental Benefits	Coastal Flood Risk Management	Economic Development	Potable Water Distribution / Fire Suppression System	Pedestrian and Bicycle Mobility	Sanitary Sewer Service Delivery	Rain Driven Storm Water Management	Road Classification	Road Condition Maintenance
Aesthetics		5	4	5	3	5	4	5	5	4	4
Emergency (Critical) Facilities & Roads	1		2	4	2	3	1	3	3	1	1
Environmental Benefits	2	4		5	3	5	2	3	3	1	2
Coastal Flood Risk Management	1	2	1		2	3	1	2	2	1	1
Economic Development	3	4	3	4		5	2	5	5	2	2
Potable Water Distribution / Fire Suppression System	1	3	1	3	1		1	2	2	1	1
Pedestrian and Bicycle Mobility	2	5	4	5	4	5		5	4	3	2
Sanitary Sewer Service Delivery	1	3	3	4	1	4	1		3	1	1
Rain Driven Storm Water Management	1	3	3	4	1	4	2	3		1	1
Road Classification	2	5	5	5	4	5	3	5	5		3
Road Condition Maintenance	2	5	4	5	4	5	4	5	5	3	
Sum	16	39	30	44	25	44	21	38	37	18	18
Weight To Use	36	89	68	100	57	100	48	86	84	41	41
Rounded Weights	35	90	70	100	60	100	50	85	85	40	40

Road Classification

	Arterial	Collector	Local Commercial	Local Residential	Alley	Notes
Arterial		2	2	2	1	1. Capacity is a key driver; greater capacity is higher priority because ingress/egress from the island is a public safety factor 2. Higher capacity roads support public access for tourism, commercial and recreational
Collector	4		3	2	1	
Local Commercial	4	3		3	1	
Local Residential	4	4	3		1	
Alley	5	5	5	5		
Sum	17	14	13	12	4	
Points	10	8	8	7	2	

Road Condition Maintenance

	0-2 yrs	3-6	7-10	11-15	15 + yrs	Notes
0-2 yrs		2	1	1	1	1. Priority driven exclusively by remaining service life (in years)
3-6	4		2	1	1	
7-10	5	4		2	1	
11-15	5	5	4		3	
15 + yrs	5	5	5	3		
Sum	19	16	12	7	6	
Points	10	8	6	4	3	

Emergency (Critical) Facilities & Roads

	Critical facility	Water Service to Facility	Transporation Access to Facility (Ingress and Engress)	Stormwater and Flooding Protection of Facility	Wastewater Service to Facility	Notes
Critical facility		2	2	2	1	1. Critical Facilities are related to emergency services (hospitals, fire stations, emergency operations centers, etc.)
Water Service to Facility	4		3	3	1	2. The integrity and operability of the facility is top prioritiy, however these facilities have a dependence on key city services to remain operable.
Transporation Access to Facility (Ingress and Engress)	4	3		2	1	3. Transporation v Stormwater: Effective transporation projects include stormwater management
Stormwater and Flooding Protection of Facility	4	3	4		2	
Wastewater Service to Facility	5	5	5	4		
Sum	17	13	14	11	5	
Points	10	8	8	6	3	

Coastal Flood Risk Management

	Coastal Storm Surge	Sunny Day Flood Risk: High	Sunny Day Flood Risk: Med High	Sunny Day Flood Risk: Med	Sunny Day Flood Risk: Low
Coastal Storm Surge		4	3	2	1
Sunny Day Flood Risk: High	5		3	2	1
Sunny Day Flood Risk: Med	4	5		3	2
Sunny Day Flood Risk: Med	4	4	4		3
Sunny Day Flood Risk: Low	5	5	4	4	
Sum	18	18	14	11	7
Points	10	10	8	6	4

Notes:

1. Climate Change/SLR and hurricanes/storms are key drivers of King Tides and Storm Surge
2. King Tides and Storm Surge require defense/mitigation
3. King Tides and Storm Surge can impact people, property and city services
4. Given that storm surge would most likely impact all/majority of island, It might be difficult to distinguish between impacts to property, people and city services. Lower level surge
5. Storm surge high consequence, low probability; King Tide higher probability, lower consequence.
6. CMB should be planning to defend against storm surge

Potable Water Distribution / Fire Suppression System

	Fire Suppression: Pressure and Capacity	Domestic Water Supply: Quality	Domestic Water Supply: Capacity	Domestic Water Supply: Capacity P1	Domestic Water Supply: Capacity P2	Domestic Water Supply: Capacity P3	Reliability & Performance Improvements: Breaks & Leaks	Reliability & Performance Improvements: Materials
Fire Suppression: Pressure and Capacity		5	4	4	3	2	2	2
Domestic Water Supply: Quality	5		4	4	3	2	2	2
Domestic Water Supply: Capacity	5	5		4	3	2	2	2
Domestic Water Supply: Capacity P1	5	5	4		3	2	2	2
Domestic Water Supply: Capacity P2	5	4	4	4		2	2	2
Domestic Water Supply: Capacity P3	5	4	4	4	3		2	2
Reliability & Performance Improvements: Breaks & Leaks	5	4	4	4	3	2		2
Reliability & Performance Improvements: Materials	5	4	4	3	3	2	2	
Sum	35	31	28	27	21	14	14	14
Points	10	9	8	8	6	4	4	4

Notes:

1. Fire suppression is a top public safety priority

2. The interconnected and looped nature of CMB's system can reliably provide adequate flow and pressure for domestic/commercial water users (with the possible exception of particularly high water use rates for commercial/industrial operations). Fire suppression flow and pressure will typically drive water system improvement projects.

3. Higher critieria scores were given to projects that ranked as a higher Priority based on the H&S Water Master Plan

4. In most cases, breaks and leaks impact but are not expected to eliminate the ability to respond to fires

Sanitary Sewer Service Delivery

	Replace Lift Stations	Upgrade Lift Stations	Replace Pipes	Replace Pipes P1	Replace Pipes P2	Replace Pipes P3	Replace Pipes P4	Replace Pipes P5	Replace Pipes P6	Upgrade Pipes	Upgrade Pipes P1	Upgrade Pipes P2	Upgrade Pipes P3	Upgrade Pipes P4	Upgrade Pipes P5	Upgrade Pipes P6	Collection System: Inflow and Infiltration
Replace Lift Stations		5	5	5	5	3	3	2	2	5	5	5	4	4	1	1	5
Upgrade Lift Stations	5		5	5	5	3	3	2	2	5	5	5	4	4	1	1	5
Replace Pipes	5	5		4	4	3	3	1	1	4	4	4	3	3	1	1	1
Replace Pipes P1	5	5	4		4	2	2	1	1	4	4	4	3	3	1	1	1
Replace Pipes P2	5	5	4	4		1	1	1	1	4	4	4	1	1	1	1	1
Replace Pipes P3	3	3	3	3	3		1	1	1	3	3	3	1	1	1	1	1
Replace Pipes P4	3	3	3	3	3	1		1	1	3	3	3	1	1	1	1	1
Replace Pipes P5	2	2	1	1	1	1	1		1	2	2	2	1	1	1	1	1
Replace Pipes P6	2	2	1	1	1	1	1	1		2	2	2	1	1	1	1	1
Upgrade Pipes	5	5	4	4	4	3	3	1	1		3	3	3	3	1	1	1
Upgrade Pipes P1	5	5	4	4	4	3	3	1	1	4		3	3	3	1	1	1
Upgrade Pipes P2	5	5	4	4	4	2	2	1	1	4	3		1	1	1	1	1
Upgrade Pipes P3	4	4	3	3	3	1	1	1	1	2	3	3		1	1	1	1
Upgrade Pipes P4	4	4	3	3	3	1	1	0	0	2	3	3	1		1	1	1
Upgrade Pipes P5	3	3	1	1	1	1	1	0	0	1	1	1	1	1		1	1
Upgrade Pipes P6	3	3	1	1	1	1	1	0	0	1	1	1	0	0	0		1
Collection System: Inflow and Infiltration	5	5	1	1	1	1	1	0	0	1	1	1	0	0	0	0	
Sum	64	64	47	47	47	28	28	14	14	47	47	47	28	28	14	15	24
Points	10	10	7	7	7	4	4	2	2	7	7	7	4	4	2	2	4

Notes:

1. Lift stations (either replaced or upgraded) impact the largest areas

2. Higher critieria scores were given to projects that ranked as a higher Priority based on the H&S Sewer Master Plan

3. Pipe replacement and upgrades improve system performance and reliability while also reducing I&I

Rain Driven Storm Water Management

	Stormwater Quantity and Quality issues	Stormwater Quantity issues	Stormwater Quality issues	Non-Point Source Pollution Prevention	Non-Stormwater Discharge Elimination
Stormwater Quantity and Quality issues		2	2	2	2
Stormwater Quantity issues	4		3	2	2
Stormwater Quality issues	4	3		2	3
Non-Point Source Pollution Prevention	4	4	4		3
Non-Stormwater Discharge Elimination	4	4	3	3	
Sum	16	13	12	9	10
Points	10	8	8	6	6

Notes

1. Projects that address both flooding and water quality are highest priority given combined flooding issues and water quality concerns.

2. Projects that address either flooding or water quality improvement are secondary to dual benefit projects. However these projects typically improve conditions for larger areas compared to non-stormwater discharges (thus a higher priority). Point source non-stormwater discharges that have very high pollutant loads could be higher priority (depends on the project/situation).

3. Stormwater quality is structural; NPS is non-structural (e.g., trash cans, dog waste)

Pedestrian and Bicycle Mobility

	Pedestrian Pathways, Bicycle Lanes With Street lighting	Pedestrian Pathways and Bicycle Lanes	Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	Only street lighting (safety)	Notes
Pedestrian Pathways, Bicycle Lanes With Street lighting		2	2	2	1	1. Improvements to Pedestrian and Bicycle mobility are equal benefit
Pedestrian Pathways and Bicycle Lanes	4		2	2	1	2. Street lighting is an important additional benefit, but secondary to physical separation of pedestrian/bicycle movement from vehicular movement.
Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	4	4		2	1	3. Some degree of lighting is provided without street lights by other light sources (e.g., business and vehicle lights)
Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	4	4	4		1	
Only street lighting (safety)	5	5	5	5		
Sum	17	15	13	11	4	
Points	10	9	8	6	2	

Economic Development

	Green / Open Space / Parks	Tourism / Hotel / Restaurant	Historic property or Architecturally Significant Designation	Residential	Commercial	Notes:
Green / Open Space / Parks		3	3	1	1	1. Green/park/open spaces support multiple city goals (residential, commercial, tourism) while also providing opportunties to improve reslience and sustainability.
Tourism / Hotel / Restaurant	3		3	2	2	2. Supporting tourism and preserving historic property are key drivers of the economy and are very important community values.
Historic property or Architecturally Significant Designation	3	3		2	2	3. Projects that support residential and commercial development are important, but most activity in these areas is expected to be redevelopment as opposed to new development, are not expected to be frequent city projects.
Residential	5	4	4		3	
Commercial	5	4	4	3		
Sum	16	14	14	8	8	
Points	10	9	9	5	5	

Aesthetics

	Public open space / parks	Green streets	Maintain historic feel	Residential aesthetics	Business visibility; curb appeal
Public open space / parks		3	3	1	1
Green streets	3		3	2	2
Maintain historic feel	3	3		2	2
Residential aesthetics	5	4	4		3
Business visibility; curb appeal	5	4	4	3	
Sum	16	14	14	8	8
Points	10	9	9	5	5

Notes:

1. Overall, we don't expect many projects to be implemented by the City for purely aesthetic reasons.
2. Higher priority is given public/open space because support multiple city goals and quality of life.
3. High priority on green streets due to the opportunity to better manage flooding and harmonize road raising.
4. High priority on maintaining historic feel given the importance of history to the future
5. Residential and commercial aesthetics is largely implemented by private sector/citizens; however there could be scenarios where the City supports an aspect of these type of projects (e.g., Sunset Harbor).

Environmental Benefits

	Opportunity to improve quality of stormwater discharge to Bay	Opportunity to address heat island effects	Opportunity to enhance natural habitat	Opportunity for natural system educational and interpretation	Opportunity to sequester carbon
Opportunity to improve quality of stormwater discharge to Bay		2	2	1	2
Opportunity to address heat island effects	4		2	2	1
Opportunity to enhance natural habitat	4	4		2	2
Opportunity for natural system educational and interpretation	5	4	4		2
Opportunity to sequester carbon	4	5	4	4	
Sum	17	15	12	9	7
Points	10	9	7	5	4

Notes:

1. Biscayne Bay is a key driver of the local economy; protecting the services is provides as a fishery, important habitat, recreational use, and inspiring vistas.

2. Reduction of heat island effect benefits residents, tourism, business from a quality of life perspective as well as an economic perspective.

3. Natural habitat preservation/restoration supports quality of life and offer opportunities to enhance the landscape to support recreation.

4. Sequestering carbon is an important part of climate mitigation however the City's priority is on adaptation.

Project Category	Project Attribute	Criteria Value (1-10) 10=high, 1=low 0=NA
Road Classification	Arterial Road	10
	Collector Road	8
	Local Commercial	8
	Local Residential	7
	Alley	2
	Not applicable	0
Road Condition Maintenance	Remaining service life: 0-2 years	10
	Remaining service life:3-6 years	8
	Remaining service life:7-10 years	6
	Remaining service life: 11-15 years	4
	Remaining service life: 15+ years	3
	Not applicable	0
Emergency (Critical) Facilities & Roads	Critical facility	10
	Water Service to Facility	8
	Transporation Access to Facility (Ingress and Engress)	8
	Stormwater and Flooding Protection of Facility	6
	Wastewater Service to Facility	3
	Not applicable	0
Coastal Flood Risk Management	Coastal Storm Surge	10
	Sunny Day Flood Risk: High	10
	Sunny Day Flood Risk: Med High	8
	Sunny Day Flood Risk: Med	6
	Sunny Day Flood Risk: Low	4
	Not applicable	0
able Water Distribution / Fire Suppression Syst	Fire Suppression: Pressure and Capacity	10
	Domestic Water Supply: Quality	9
	Domestic Water Supply: Capacity	8
	Domestic Water Supply: Capacity P1	8
	Domestic Water Supply: Capacity P2	6
	Domestic Water Supply: Capacity P3	4
	Reliability & Performance Improvements: Breaks & Leaks	4
	Reliability & Performance Improvements: Materials	4
	Not applicable	0

Project Category	Project Attribute	Criteria Value (1-10) 10=high, 1=low 0=NA
Sanitary Sewer Service Delivery	Replace Lift Stations	10
	Upgrade Lift Stations	10
	Replace Pipes	7
	Replace Pipes P1	7
	Replace Pipes P2	7
	Replace Pipes P3	4
	Replace Pipes P4	4
	Replace Pipes P5	2
	Replace Pipes P6	2
	Upgrade Pipes	7
	Upgrade Pipes P1	7
	Upgrade Pipes P2	7
	Upgrade Pipes P3	4
	Upgrade Pipes P4	4
	Upgrade Pipes P5	2
	Upgrade Pipes P6	2
	Collection System: Inflow and Infiltration	4
	Not applicable	0
Rain Driven Storm Water Management	Stormwater Quantity and Quality issues	10
	Stormwater Quantity issues	8
	Stormwater Quality issues	8
	Non-Point Source Pollution Prevention	6
	Non-Stormwater Discharge Elimination	6
	Not applicable	0

Project Category	Project Attribute	Criteria Value (1-10) 10=high, 1=low 0=NA
Pedestrian and Bicycle Mobility	Pedestrian Pathways, Bicycle Lanes With Street lighting	10
	Pedestrian Pathways and Bicycle Lanes	9
	Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	8
	Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	6
	Only street lighting (safety)	2
	Not applicable	0
Economic Development	Green / Open Space / Parks	10
	Tourism / Hotel / Restaurant	9
	Historic property or Architecturally Significant Designation	9
	Residential	5
	Commercial	5
	Not applicable	0
Aesthetics	Public open space / parks	10
	Green streets	9
	Maintain historic feel	9
	Residential aesthetics	5
	Business visibility; curb appeal	5
	Not applicable	0
Environmental Benefits	Opportunity to improve quality of stormwater discharge to Bay	10
	Opportunity to address heat island effects	9
	Opportunity to enhance natural habitat	7
	Opportunity for natural system educational and interpretation	5
	Opportunity to sequester carbon	4
	Not applicable	0

Appendix B
Public Meeting Notes



Stormwater Management Program Presentation - Tuesday, January 21, 2020

Public Outreach Report

MIAMIBEACH
RISING
ABOVE

Table of Contents

Community Outreach.....3
Project Website
E-blast
Social Media
Advertisment
Door to Door

Public Workshop.....21
Meeting Summary
Sign-in Sheets
Interactive Boards
Meeting Photos

Appendix.....41
Presentation
Boards

Community Outreach

STORMWATER MANAGEMENT PROGRAM

HOME > CITY HALL > PUBLIC WORKS > OPERATIONS DIVISION > ANNUAL WATER QUALITY REPORT > STORMWATER MANAGEMENT PROGRAM

On Tuesday, January 21, 2020, Jacobs Engineering conducted a public meeting alongside the City of Miami Beach to present tasks 2-3 of their multi-task work order: the road elevation policy and projects prioritization matrix. The meeting provided the following:

- More information about how the recommended road elevation policy will help reduce flooding caused by sea level rise and high tides;
- Insight to the criteria that Jacobs is using to evaluate and prioritize future projects;
- An opportunity for the public to provide feedback before the final recommendations are delivered.

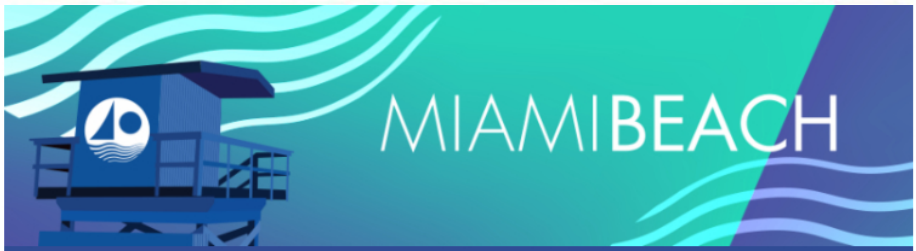
Download the meeting presentation: Jacobs Engineering Tasks 2-3

Review the boards and renderings: Jacobs Engineering Display Boards

Click HERE to watch the recording of the meeting.

For more information please contact:
Liz Bello-Matthews | Public Information Officer | lizbello-matthews@miamibeachfl.gov

https://www.miamibeachfl.gov/city-hall/public-works/operations-division/storm-water-utility/stormwaterprogram/



What's Next For The City's Stormwater Management Program?

Tonight, January 21| 5:45 PM

J oin the City of Miami Beach and Jacobs Engineering in a presentation about the road elevation policy and projects prioritization list:

• Learn more about how the recommended road elevation policy will help reduce flooding caused by sea level rise and high tides.
• Gain a better understanding of the criteria that Jacobs is using to evaluate and prioritize future projects.
• Provide input prior to the delivery of their recommendations.

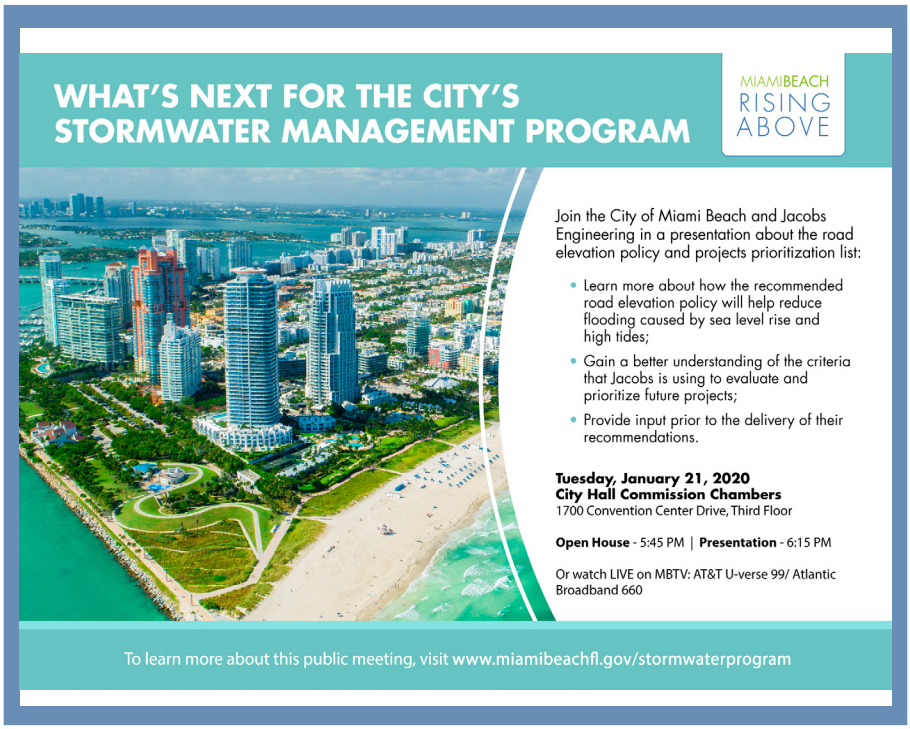
Tuesday, January 21, 2020
City Hall Commission Chambers
1700 Convention Center Drive, Third Floor

Open House – 5:45 PM | Presentation – 6:15 PM

Or watch LIVE on MBTV: AT&T U-verse 99/ Atlantic Broadband 660



E-blast sent on 1/21/2020 - "Learn What's Next For The City's Stormwater Management Program? - Tonight, 1/21"



E-blast sent on 1/3/2020 - "You are Invited"
E-blast sent on 1/13/2020 - "You are Invited"
E-blast sent on 1/20/2020 - "See you Tomorrow"



E-blast sent on 1/22/2020 - "Thank you for joining us!"



Posted on January 21, 2020 – Twitter



Posted on January 21, 2020 – Twitter



Posted on January 16, 2020 – Twitter



Posted on January 14, 2020 – Twitter



Posted on January 10, 2020 – Twitter



Posted on January 9, 2020 – Twitter



Posted on January 7, 2020 – Twitter



Posted on January 6, 2020 – Twitter



Posted on January 21, 2020 – Facebook



Posted on January 21, 2020 – Facebook



Posted on January 16, 2020 – Facebook



Posted on January 14, 2020 – Facebook



Posted on January 10, 2020 – Facebook



Posted on January 9, 2020 – Facebook



Posted on January 7, 2020 – Facebook



Posted on December 30, 2019 – Facebook

MEETING NOTICES

January 20 - 24, 2020

MONDAY, January 20

	Martin Luther King Jr. Day – Holiday Observed	City Hall Closed

TUESDAY, January 21

8:00 a.m.	Land Use and Sustainability Committee**	Commission Chamber 3rd Floor, City Hall
9:30 a.m.	Art in Public Places Committee	TCD Conf., Room, 5th FL. 1755 Meridian Avenue
3:00 p.m.	Sustainability Committee	City Manager's Small Conf. Room, 4th Floor, City Hall
	ADDED	
3:30 p.m.	Disability Access Committee	City Manager's Large Conf. Room, 4th Floor, City Hall
5:00 p.m.	Animal Welfare Committee (Pets Allowed)	Mayor's Conference Room 4th Floor, City Hall
5:45 p.m.	What's Next for the City's Stormwater Management Program*	Commission Chamber 3rd Floor, City Hall
6:00 p.m.	Police/Citizens Relations Committee	MIS Community Room 1100 Washington Ave.

WEDNESDAY, January 22

9:00 a.m.	Personnel Board	Human Resources Office 3rd Floor, City Hall

THURSDAY, January 23

	ADDED	
9:00 a.m.	Special Master Hearings*	Commission Chamber 3rd Floor, City Hall
3:00 p.m.	Audit Committee	Office of the Inspector General, 6th Floor 1130 Washington Ave.
4:30 p.m.	General Obligation Bond Oversight Committee	City Manager's Large Conf. Room, 4th Floor, City Hall

FRIDAY, January 24
No Meetings Scheduled

For any and/or all of the above meetings, one or more members of the Miami Beach City Commission, and or City board/committee members may be in attendance and participate in discussions.

* Aired live on MBTV. Atlantic Broadband 660, AT&T Uverse 99, Instaware Communications 395 & ROKU device on PEG TV
** Commission Committee Aired live on MBTV

No. 0004494821-01

MIAMIBEACH

We are committed to providing excellent public service and safety to all who live, work and play in our vibrant, tropical, historical community.

Members of the public may present audio/visual (AV) materials relating to Agenda Items at televised meetings held in the Commission Chamber by utilizing the City's AV equipment, provided that materials are submitted to the Department of Marketing and Communications by 8:30 A.M., one (1) business day prior to the meeting. Advance submittal of a presentation will allow the Communications Department to plan for the use of the appropriate AV equipment. AV materials may be submitted via email at communications@miamibeachfl.gov, or hand delivered in a jump drive, CD or DVD to: Attention: Department of Marketing and Communications, 1701 Meridian Avenue, Fifth Floor, Miami Beach, FL 33139. Presentations, videos or links must include a label noting the name or group, contact person, daytime telephone number, email address, description/title of the presentation and Agenda Item Title as well as the Agenda Item number. Acceptable formats for electronic submission are .pdf, .ppt, .pptx, .pps, .ppsx, .wmv, .avi and .mov. (Note that .pdf is the preferred format for PowerPoint presentations.)

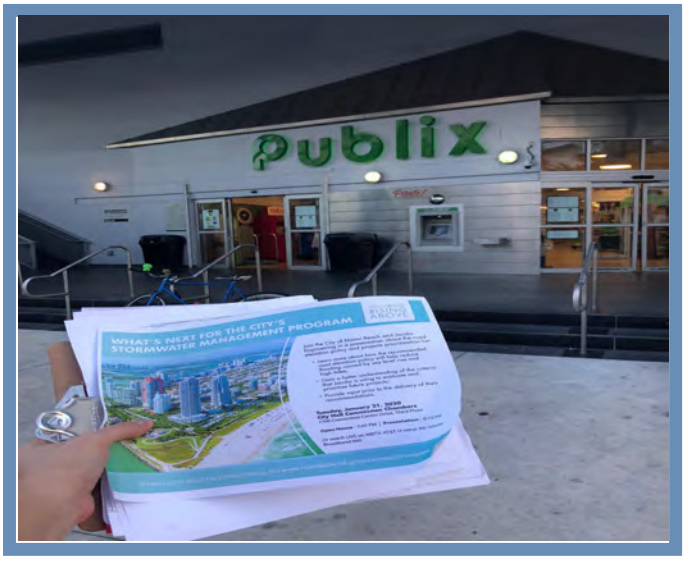
City Hall is located at 1700 Convention Center Drive; and the Miami Beach Convention Center is located at 1901 Convention Center Drive. Any meeting may be opened and continued, and under such circumstances, additional legal notice will not be provided. To request this material in alternate format, sign language interpreter (five-day notice required), information on access for persons with disabilities, and/or any accommodation to review any document or participate in any City-sponsored proceedings call 305.604.2489 and select 1 for English, then option 6; TTY users may call via 711 (Florida Relay Service). A meeting not noticed in the Weekly Meeting Notice ad and determined to be an emergency meeting will be posted on the bulletin boards throughout City Hall and will be available on the City's website at: http://web.miamibeachfl.gov/cityclerk/default.aspx?id=1776

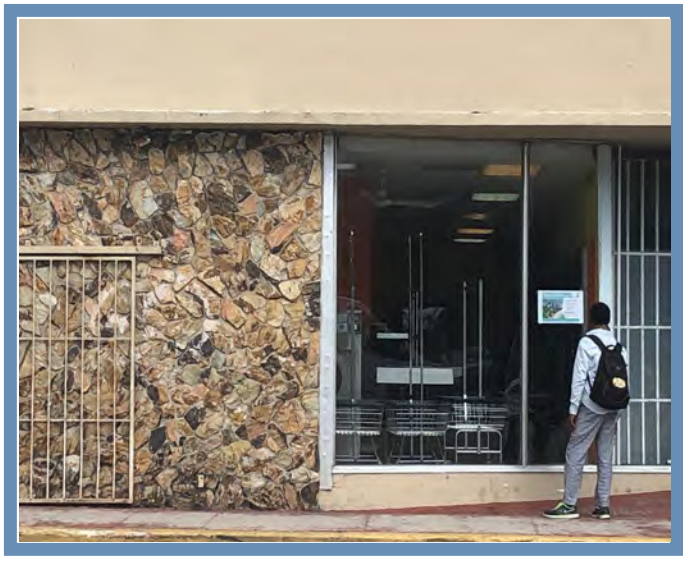
Pursuant to Section 286.0105, Fla. Stat., the City hereby advises the public that if a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Weekly Meeting Notices Ad for the Week of January 20 – 24, 2020 Miami Herald


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WHAT'S NEXT FOR THE CITY'S STORMWATER MANAGEMENT PROGRAM



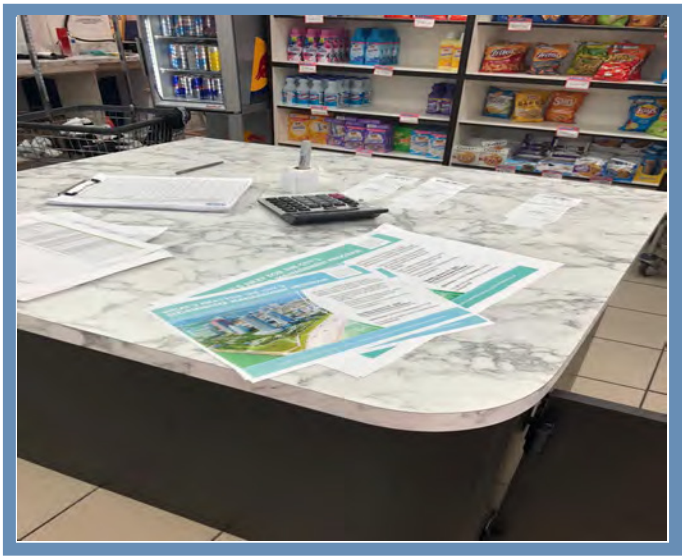

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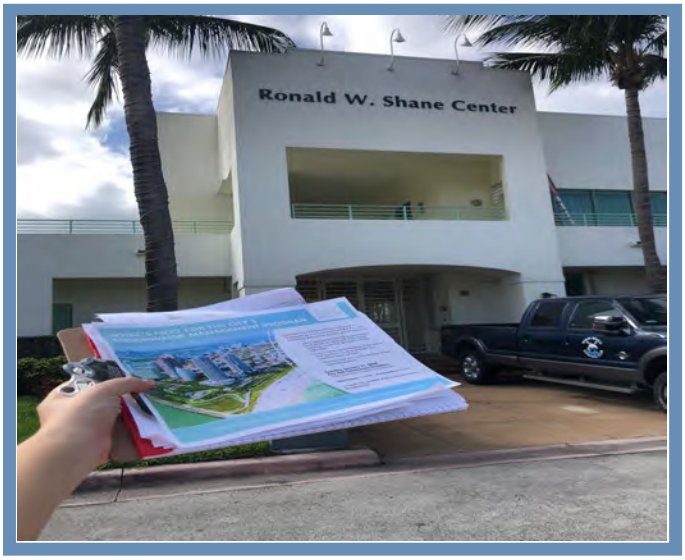



SUCCESS UNIVERSITY
SAFE
MIAMIBEACH
POLICE

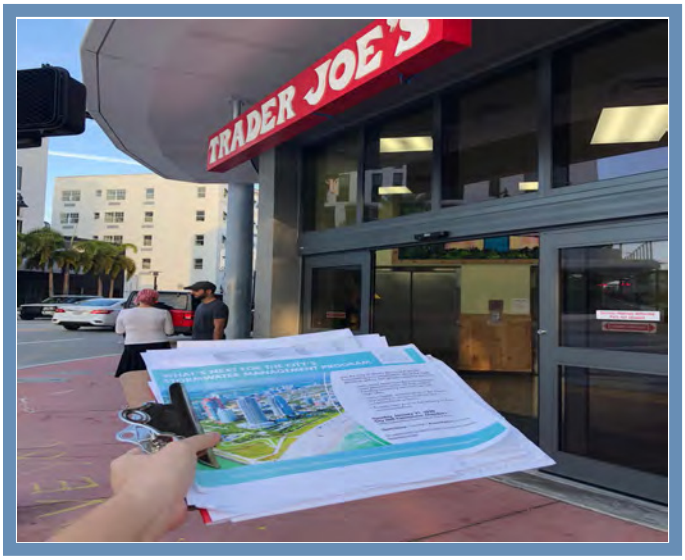



COMMUNITY NEWS
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WHAT'S NEXT FOR THE CITY'S STORMWATER MANAGEMENT PROGRAM


Ronald W. Shane Center

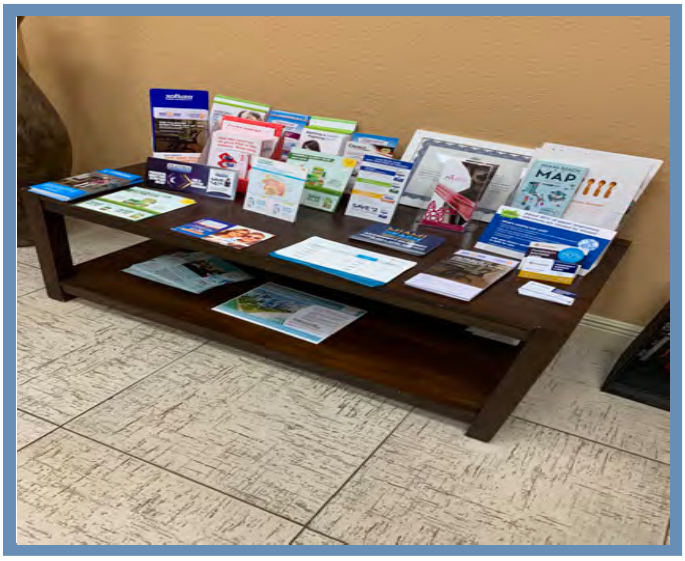



TRADER JOE'S



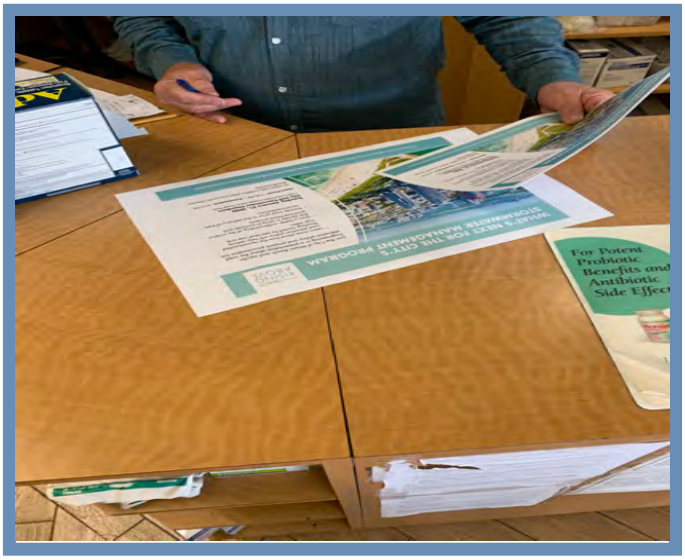

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MAP


FastCare
URGENT
CARE
FastCare
URGENT CARE

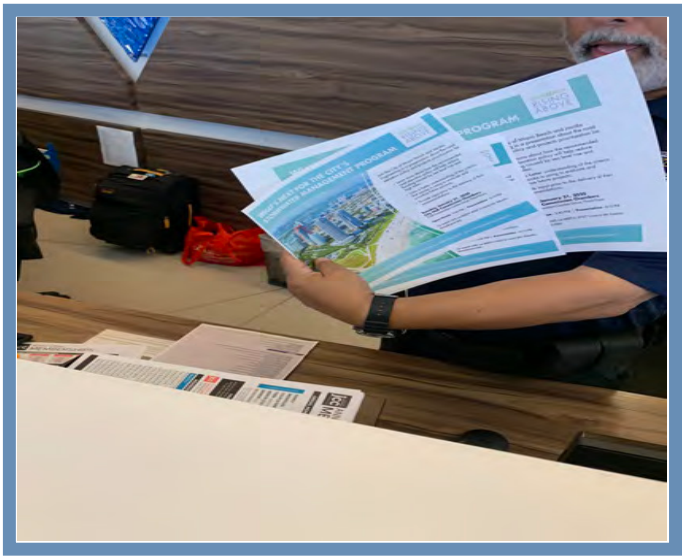

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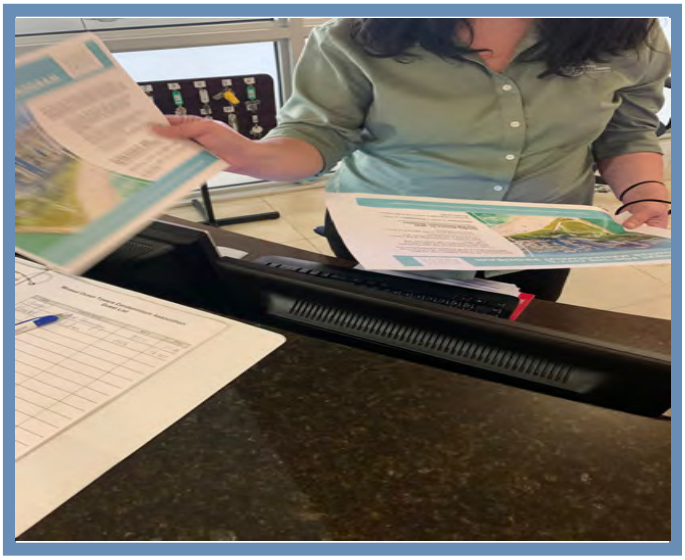




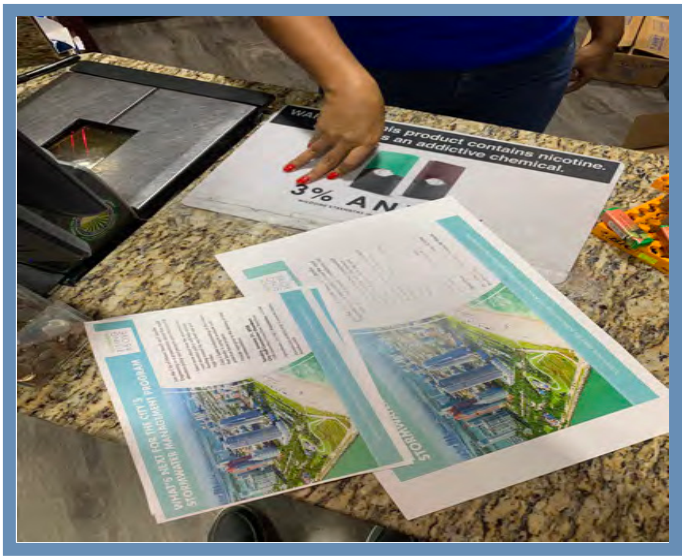




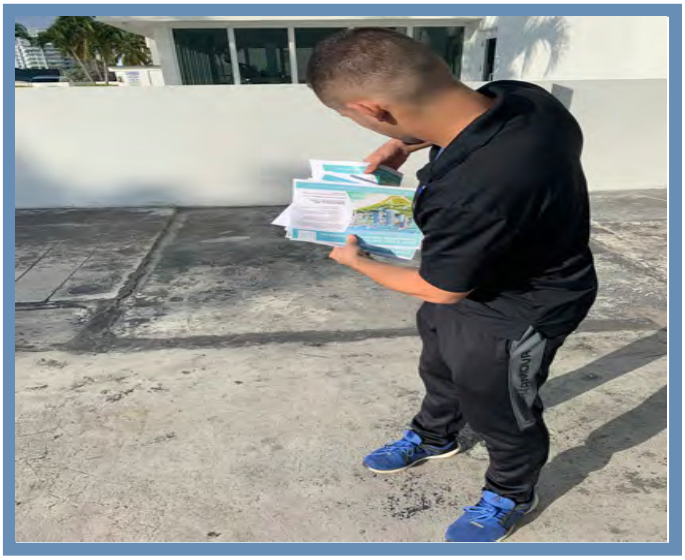

SHEPHERD
ARTISAN COFFEE



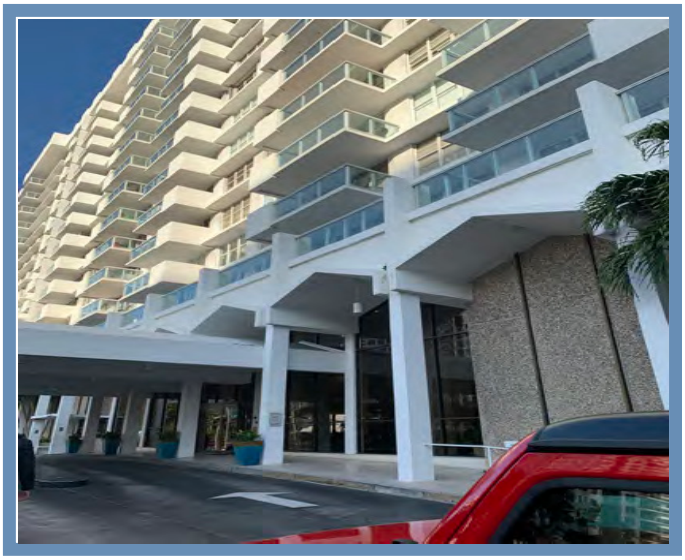

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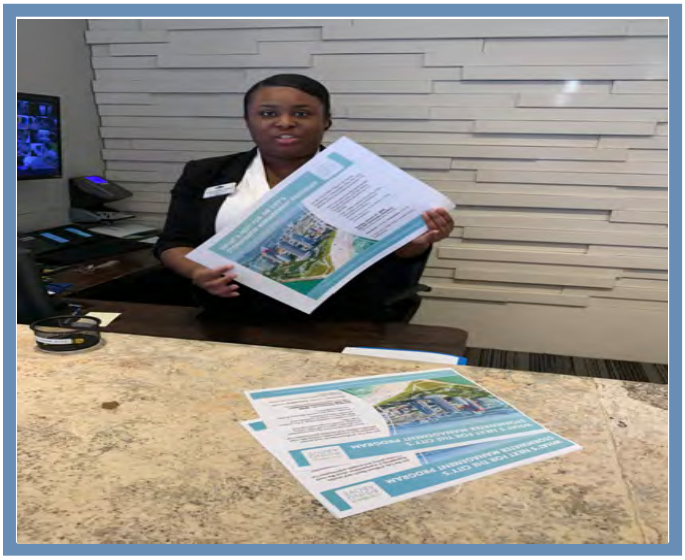



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FIRE



Public Workshop

Discussion Briefing Summary

January 21, 2020 | 5:45 p.m.
City of Miami Beach City Hall Commission Chambers
1700 Convention Center Drive, Miami Beach, FL 33139

Staff:

Jacobs Engineering
Infinite Source Communications
City of Miami Beach Staff
See the attached sign-in sheets for attendees

Key Items Discussed

- Public Works Director Roy Coley started the presentation by giving a brief introduction of The City of Miami Beach plans regarding the project. He also explained the purpose of the meeting, which was to obtain public input about the different elevation strategies. Furthermore, Mr. Coley encourage residents to participate in the comments section to provide their feedback.

Presentation

- Matt Alvarez of Jacobs Engineering thanked the residents for attending the meeting and gave a brief introduction of the topics that will be presented. Mr. Alvarez also mentioned the overall purpose of the meeting, which was to explain different road elevation strategies and invited the public to participate and provide their feedback at the end of the meeting.

- The Jacobs Engineering team members presented each slide and provided a detailed explanation on each topic, as well as encouraged feedback from the audience.

- The following topics were discussed during the presentation:

    - Road Elevation Strategies
    - Neighborhood Project Prioritization
        - Methodology and Criteria

Comments/Notes

- A resident expressed that there is no harmonization in the examples showed for the type of build-up character, as well as for a neighborhood with commercialization. He stated that these strategies are designed for single family neighborhoods, but not for the type of neighborhoods in the city.

- Resident Andres Asion mentioned that it would be helpful to see before and after photos of real-life projects instead of illustrations. Mr. Asion stated that the difference in elevation between the streets and the property driveways can cause significant issues such as losing driveways, flooding, etc.

- Resident Bob Kunst stated that the We Love Lakeview Association invited the team multiple times to Lakeview Vista to speak with the residents directly; however, he said they still have not heard back from the team. Mr. Kunst added that more prevention is necessary such as cleaning pipes more than once a year as well as improving their maintenance program. He stated that lakeview does not flood and that the elevation of the streets will only cause further issues for the residents.

- A resident who lives in Toledo Island, expressed concerns on how the projects are being prioritized. He added that the city should have a better order of priority regarding on-going projects before starting new projects.

- Resident Rick Kendle stated that he has not heard the team talk about swales. He mentioned that there are many neighborhoods with existing swales. He thinks it would be helpful to make these areas lower than the streets. He stated the team should consider incremental improvements rather than directly developing street raising.

- Resident Gustavo Brian mentioned that he is a business owner in the Sunset Harbor area. He explained that he experiences high flooding in his business and that the pumps take a long time to start draining this water. He encouraged the team to look at these issues first, before they continue moving forward with the project.

- Chairman of the city's advisory committee stated that he did not see how the cost of the project was being factored in. He also mentioned that there should be a budget for each of this projects overtime. Another important factor is over how long of a period the city would take to complete this project. He explained that it is not the same to spend a certain amount of money over five years than over 20 years. He added that he wants to make sure that the modeling that the team is presenting shows that type of optimization on the financial piece.

- A resident stated that the team did not present an expected sea level increase for the years that construction will be going on. He suggested the team make a presentation on how they would make a restoration five or ten years from now when things have change slightly.

- A resident stated that there was a point on the presentation that concerned him, which was the 35.8 percent for aesthetics. He mentioned that aesthetics is one of the best things Miami Beach is known for. He recommended the team to try to come up with an idea that includes maintaining the aesthetics of the city. He also mentioned that it would be helpful to have more details on how the project will impact the aesthetics of the city.

- A resident asked why the city continues to prioritize streets over private property. He agreed to keeping streets dry; however, he thinks the main project should be first keeping the properties dry and protecting the living space.

- Resident Chi-Chi Truong thanked the team for the presentation and expressed several questions and recommendations. He asked if the team has considered geogrids and geotextiles to strengthen the pavement section and reduce the thickness. He also asked how these new criteria will impact the on-going Capital Improvement projects.

- A resident asked if the team considered developing seawalls instead of raising the streets.

- A resident mentioned that she did not heard about public parks and natural green spaces. She recommended to push the water into the public green spaces, so when the time of elevating the streets comes, the parks and public spaces can help absorb all the water instead of having this water going into the properties.
    - Mr. Matt Alvarez responded that it was an excellent comment and that they did incorporate green spaces as part of the first meeting.

- Resident Louise Bauer asked the team to look at some completed projects in the city. One was done by Florida Department of Transportation on Alton Road and 20 Street, in the Publix area. She mentioned that the department change the pipes and it was not necessary to raise the streets. The second one was right behind the Bal Harbour Shops; they are also changing their pipes instead of raising the streets. Ms. Bauer asked the city to focus on on-going projects first in order to complete them and then execute new projects.

- A resident mentioned that during the presentation he did not hear anything about what is going to happen with stormwater management. He mentioned Biscayne Bay is dying and that sea grass may never return. He recommended the city look at all the consequences

that this is bringing to the ecosystems, tourism etc. He asked what the team is doing about studying the circulation panels on the bay. He suggested the team to include more details on where the stormwater will be discharge.

- A resident stated there is a perfect test case for the team to look at in North Beach Town Center. He mentioned that there is a nine-block area slated for redevelopment, major 74 Street water tanks surrounded by a park ready to go into developing. He further expressed developers are waiting to start because they want to know first what level the streets will be raised to.

- A resident Andres Asion stated that when it rains in Palm Island his property backyard gets about six feet of water, but the streets are dry. Mr. Asion added that for the new properties and new developments street elevation is not an issue, but for existing properties it presents a major issue.

- A resident asked the team where the water will go after they raised the streets. He added that currently the water sits on the streets, but if the streets get elevated that water will go to the properties. He expressed concerns regarding this matter and encouraged the team to bring solutions before going to the next step.

- A resident asked what is needed to provide proper stormwater management for a large geographic area. He asked how the houses, buildings and businesses can be protected once the streets get elevated. He also recommended the team create a master plan for stormwater management.

- A resident expressed that new street infrastructure is needed. He also recommended the team include on the presentation current conditions of the streets and how this project will improve the current conditions.

- Resident Abraan Gonzalez mentioned that since the Blue-Green Infrastructure meeting there has not been any interaction with the community. There is a lot of messages going around and this creates chaos among the community. He added that one thing the team is missing is reaching out to the different homeowners associations. Mr. Gonzalez added that it is important for the team to make sure residents understand all the key points of the project and get as much feedback from the community as possible.

- A resident said every neighborhood has specific needs and that is why is important for the team to reach out to them and listen to their thoughts and opinions. She added that she is asking the City Manager, and the commissioners, to do the same thing they have done in the past with other projects with this project. She stated it is important the team understands what each community issues are to come up with better recommendations.

- A resident expressed concerns regarding the proposed street elevations. He said property values will go down, and this will affect all the residents. He said he asked several questions at the last meeting but did not receive any response back from the team.

- A resident expressed concerns regarding a project on Lincoln Road. She mentioned they are trying to put generators at the park on Lincoln road and the Bay, which will affect all the residents of the area as well as the location.

- Residents inquired on where to find the meeting presentation and further project information.
    - Ms. Monica Diaz responded that the presentation would be available after the meeting, and that a link will be send out through email to all the people who sign-in.

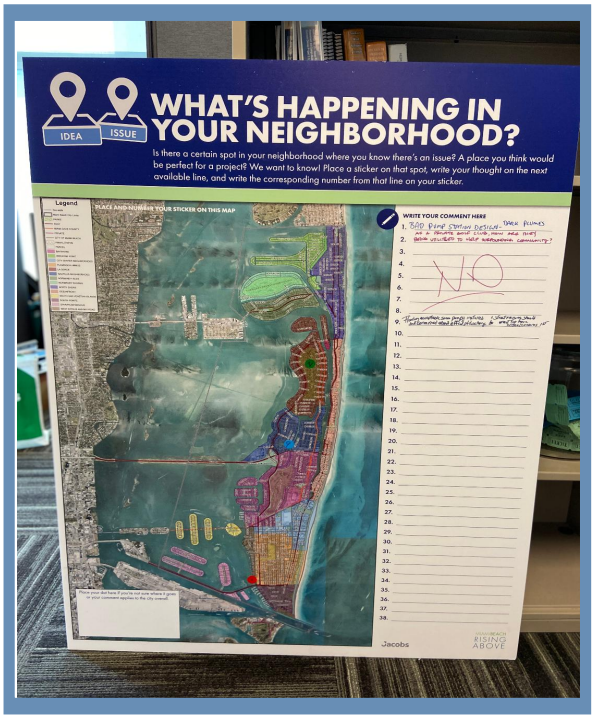
Interactive Boards/Comments

- **Board #1**
  1. Bad pump station design - Dark plumes
  2.As a private golf club, how are they being utilized to help the surrounding community?
  3. NO
  4. Illegible

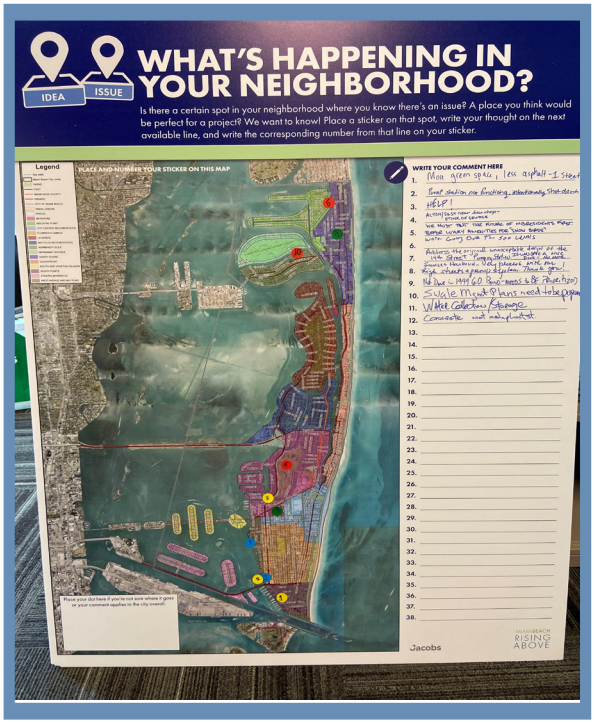
- **Board #2**
  1. More green space, less asphalt - 1st Street
  2. Pump Station not functioning, intentionally shut down. Help!
  3. Alton/5th Street near bus stop stink on sewrge
  4. We must put the future of Miami Beach residents first, before luxury amenities for "snow birds"
  5. Water going over the seawalls
  6. Address the original unacceptable design of 14th Street pumping station. It was one nice park - no more.
  7. Sunset Harbour very pleased with our high streets and pump system. Thank you!
  8. Not done in 1999. G.O. bond - needs to be privatized
  9. Swale Management plans need to be prepared
  10. Water collection/Storage
  11. Concrete not asphalt

- **Board #3**
  1. My street never floods - Sheridan and 45th Street

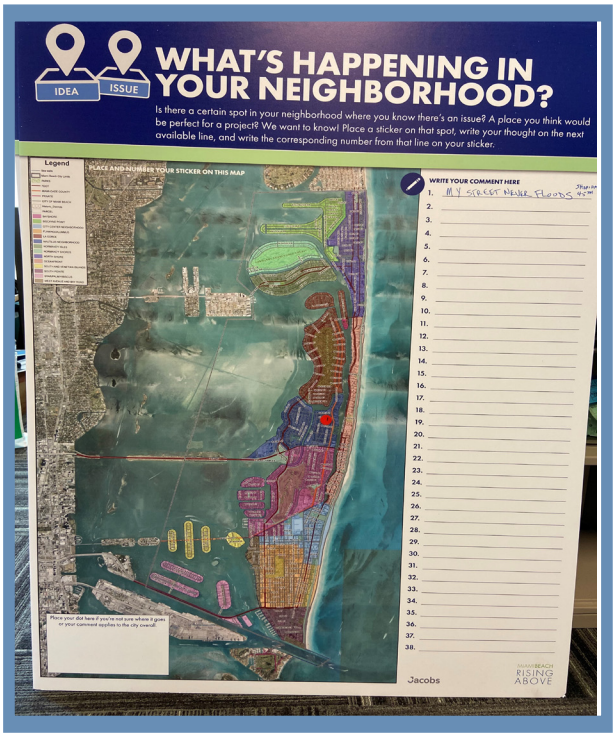
Public Works Director Roy Coley thanked the audience for attending the meeting and for sharing their thoughts and questions with the team.



Board #1



Board #2



Board #3

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Wisler Pierre-Louis	self	305 582-1882	pwisler@miamibeachfl.gov
Paul Freeman	Self	3059700805	freemanpfl@aol.com
Jordan Gimelstein	Self	305-610-3711	
Ian Kukoff	Self	305-903-0187	ianjkukoff@aol.com
SHOLANDA WEINFELD		305 861 7828 773 259 4415	bubazaid@yahoo.com
Barry Miller	Self	305-895-9082	barry@savinomiller.com
Adriana Savino-Miller	self	305.895.9082	adriana@savinomiller.com
Colleen Martin	Self		deanojunk@hotmail.com
Danny Martin	Self		↑ same

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
←	GUSTAVO BRIAND STUDIO	786 859 2454	GUSTAVOBRIAND@HOTMAIL.COM

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Melissa Joye	Arcadis	757-478-4795	melissa.joye@arcadis.com
Melissa Beattie	VIHA	305 799 5783	melgbeattie@gmail.com
Peter Coakley	Resident	781-254-1074	COAKLEYKP@GMAIL.COM
Alberto Argudin	A.D.A. Eng.	305-551-4608	aargudin@adaeng.net
Christiane Westhoff		786-7578774	christiane@bluetrainllc.com
Vanessa Vazquez	CMO - CIP	(786)579-6543	
JASON HAGOPIAN	TSAO DESIGN GROUP	305 215 2739	JHAGOPIAN@TSAODESIGN.COM
Rafael A. Velasquez	self	305-303-9098	RV@sunsetrealtymiami.com

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Henry Blinder	Murano	305-523-9595	henryblinder@gmail.com
Marc Braslow	Self	(305) 992-5282	marc.braslow@Marcum llp.com
Bruce Backman	self	617-513-9954	bruce backman@yahoo.com
DAVE DOEBLER	Self	954.415.7434	dave.doebler@gmail.com
Jack Glattmann	Self	305-704-3103	JGPUBLIC@Saglo.com
LLOYD MANDELL	SELF	305.978.4662	LLOYD1741@AOL.COM
Jane Gross	self	305-318-5559	jane.gross@gmail.com
Jill Swartz	Self	3059157654	jillyswartz@gmail.com
MARIO CORYELL	Self	305-773-6530	MARIOCORYELL@GMAIL.COM

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Claudia Sonnek Levy		305-785-5044	claudiasonnekley@gmail.com
David McKinney		202/ 294-2754	davddmckinney@yahoo.com
Tim [illegible]		[illegible]	[illegible]
FREUNDLICH		(305) 2180817	mefreundlich@gmail.com
Mercedes Padron		(305) 487-1109	mepio25@gmail.com
Jack Johnson		786-340-2630	JJsobe@gmail.com
Karen + Jeff Miller		786-213-1721	M_KarenLobe11south.net
Helena Kristol		305-968-8836	hvcohen@hotmail.com
Drew Kristol		954 647 6024	drew.kristol@gmail.com

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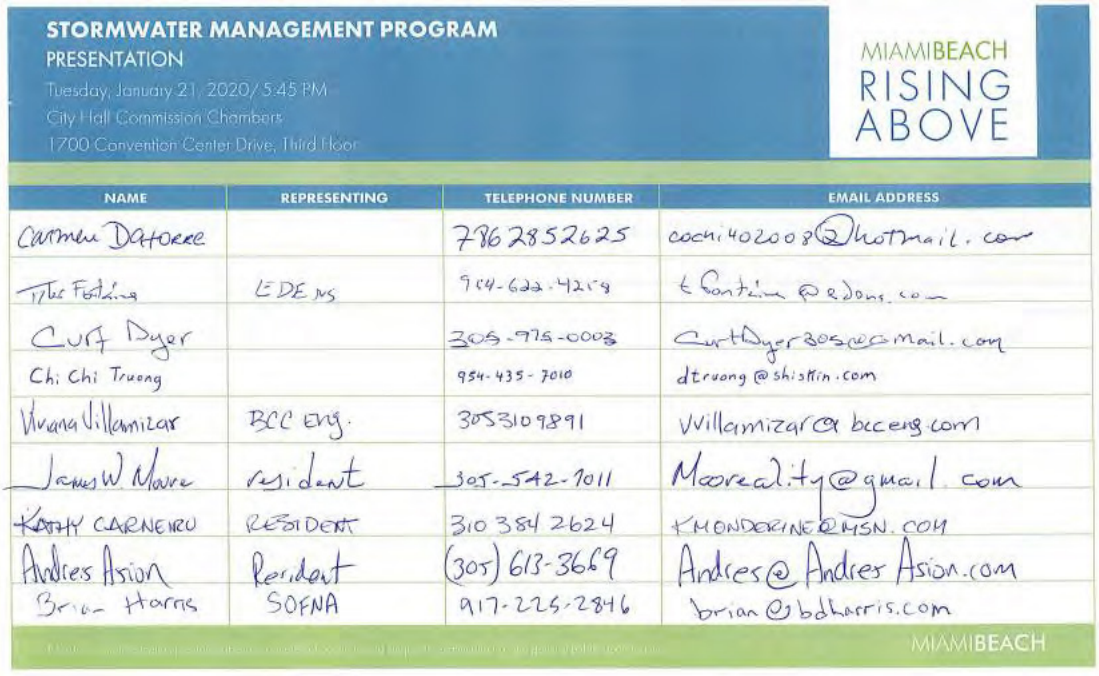
NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Dave Bender	Myself	305-975-0002	BB305@aol.com
Jessa Christoph	FKG 4	918. 285.0844	vchristoph@fkg4.co.uk
Mark Sandler	Commissio	—	—
Robert Manning	Self	305 538 3270	DRMWR@JUNO.com
GERRY GOLDSTEIN	SELF	JE84986	GERRY3040@AOL.COM
Laura Gunn	ret.		lauragunn156@gmail.com
Matthew Gutkaft			
ESTEBAN PORCELLI	MBNA	917-294-3511	erporcelli@yahoo.com
			yahoo

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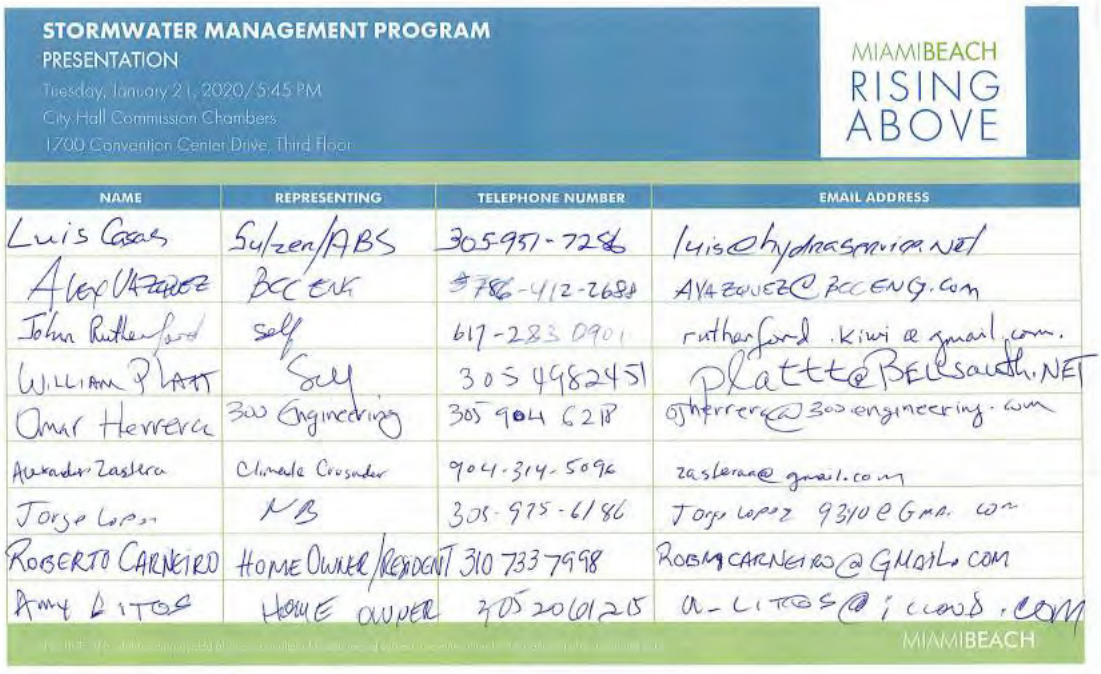


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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Carmen DeHorre		7862852625	cochi402008@hotmail.com
The Fielding	LEDE MS	954-622-4259	tfontaine@ledems.com
Curt Dyer		305-975-0003	CurtDyer305@gmail.com
Chi Chi Truong		954-435-7010	dtruong@shistlin.com
Viviana Villamizar	BCC Eng.	3053109891	VVillamizar@bcceng.com
James W. Moore	resident	305-542-7011	Moorealty@gmail.com
KATHY CARNEIRO	RESIDENT	310 384 2624	KMONDORINE@MSN.COM
Andres Asion	Resident	(305) 613-3669	Andres@AndresAsion.com
Brian Harris	SOFNA	917-225-2846	brian@bdharris.com

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Luis Casas	Sulzer/ABS	305-951-7286	luis@hydrasmart.net
Alex Vazquez	BCC ENG	786-412-2688	AVAZQUEZ@BCCENG.com
John Rutherford	self	617-283-0901	rutherford.kiwi@gmail.com.
WILLIAM PLATT	Self	3055982451	platte@BELLsouth.NET
Omar Herrera	305 Engineering	305 904 6218	ojherrera@305engineering.com
Alexander Zastera	Climate Crusader	904-314-5096	zasteraa@gmail.com
Jorge Lopez	NB	305-975-6186	Jorge Lopez 9310@GMA.com
ROBERTO CARNEIRO	HOME OWNER/RESIDENT	310 733 7998	ROBMCARNEIRO@GMAIL.COM
Amy Litos	HOME OWNER	305 2061215	a-litos@icloud.com

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Franklin A. Torralba	300 Engineering	305-763-9829	fatorralba@300engineering.com
ERIC SHEPHERD	HIMSELF	203-253-2027	ERICSHEPHERD@OUTLOOK.COM
PATRICK KAMRATH	CHEN MOORE	317 336 7451	pkamrath@chenmoore.com
Stephen Mandyssa	Murano	3052985780	Steve@mandy MD.com
Joe Ortega	GHD	305 962-2034	joe.ortega@ghd.com
Jo Manning	myself	786-269-4089	jomanning1940@gmail.com
ADRIAN Gonzalez	LaMolivera	305-206 8249	ADRIAN@davidsarkis.com
Esther Overton	SOFNA	3-606-9071	—
Ripley Rowberell	Wade Trim	740-590-1190	RRowberell@Wadetrim.com

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
CHRIS PETER		973-493-7726	CHRISTIAN122543@HOTMAIL.COM
JAY R LEVY		305-785-7547	Jaylevy@Coldwellbankerv.com
SOPHIA SIECZKOWSKI	self		SOPHIASIECZ2@YAHOO.com
GREG TOLER	RESIDENT	305 812 7984	grtogale gmail.com
Larry Wallcard		305 321 6705	larryw77C yahoo.com
ALEC JIMENEZ	RESIDENT	303/815/0948	alecjjimenez@gmail.com
Shawn Patrick Bryant	WAVNA		WAVNA305@gmail.com
Terry Brierstock	Sunset 384	305 903-4000	tbrierstock@tbrierstock.com
David Muller	Wade trim	813-451-2785	DMuller@wadetrim.com

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Neil Bienstock	Lakeview	786 566 2831	bienstock@gmail.com
Aaron DeMayo	FVS	-	AARONDEMAYO@GMAIL.com
MICHAEL FRYD			
Roger Miller	Calcasieu	~~786~~ 305 793-4610	rmiller@millergp.com
Judith Frankel	UNBRHOA	305-867-1313	JFrankel@the-beach.net
Daniel Veitia			
Irina Katz		305.588.3050	kaniri8@yahoo.com
FRANK EDER			
JESSE DAVIS	GHD	786-447-7972	jesse.davis@ghd.com

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Bradley Cohen	Deco Capital	305-749-0921	BRAD@DECOCAPITAL.COM
Bob Kunst	We Love Lakeview Inc	305-864-5110	Defend Jerusalem at mindspring.com
Teresa Morell	Resident	305-742-7440	tmorrell35@yahoo.com
Louis A Costanzo	Capital SB	~~570~~ 786 235 3170	LAC3355@AOL.com
Gaken Treuer			gaken.treuer@miamidade.gov
Kevin Burgoyne		~~305~~	Pkburgoyne@yahoo.com
Kareen Rico			

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Melissa Tabares	Sonille Realty	(917) 862-5595	meli.tabaram@gmail.com
MARYANN ZIMMERMANN	LINCOLN CT. ASSN	973-471-1117	MAZKOSOFF@GMAIL.COM

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Peter Caldwell + Stephen Mader	(homeowners) ourselves	(416) 345-8077	pete.old.cell2000@gmail.com
Bruno Costanzo		590.905.5001	dmc5592@aol.com
R H Sasso	Coastal Syst.	(305)989-1048	rhsasso@coastalsystemsint.com
Oberto Betancourt	Coastal Systems	305 525 6461	obetancourt@coastalsystemsint.com
FRANCOIS MONOT		786 212 7631	FRANCOISMONOT@YAHOO.FR
Josefina Borges	"me"	305.978-0850	borgesjo@msn.com

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STAFF SIGN-IN

NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Laurens van der Tak	Jacobs	301-204-2436	Laurens.vanderTak@jacobs.com
JASON BIRD	JACOBS	970-214-1495	jason.bird@jacobs.com
Joe Rozza	Jacobs	404 667 0864	joe.rozza@jacobs.com
Maria Abad Balzola	ISC	973-220-2697	mabab016@fiu.edu
Raymond Sciortino	Jacobs	561-799-3855	Raymond.Sciortino@Jacobs.com
Olga Mikhalchishina		347 205 4865	mihalelya@gmail.com
~~[illegible]~~			
Rody delaTorre	CMB-PW		
Roy Coley	CMB-PW		

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NAME	REPRESENTING	TELEPHONE NUMBER	EMAIL ADDRESS
Amy Knowles	CMB		
Judy Hoarsholt	CMO	(305)673-7010	
Melissa Knowles	ARCADIS	787 307 5483	
GUSTAVO BRIANO	Gustavo Briano Studio	786 859 2454	
J. Dmytriacky	Bayshore HOA		

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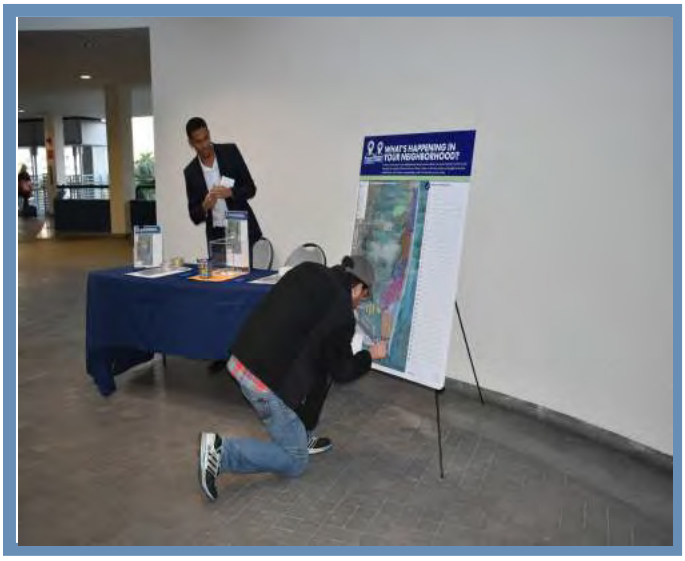
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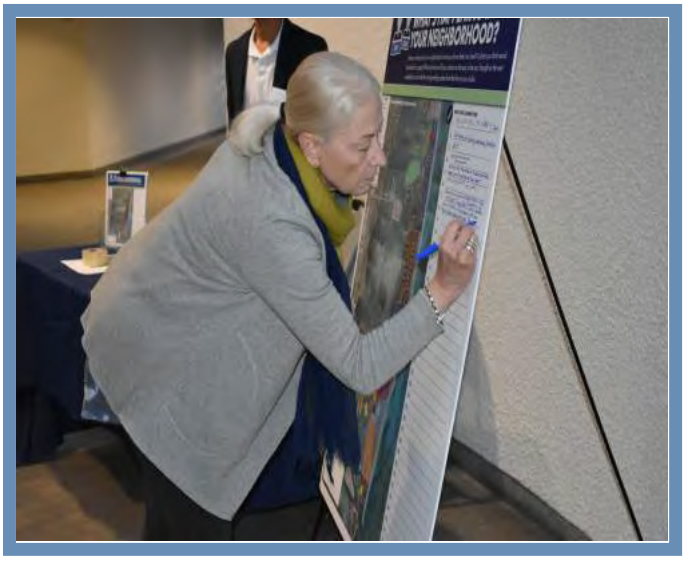
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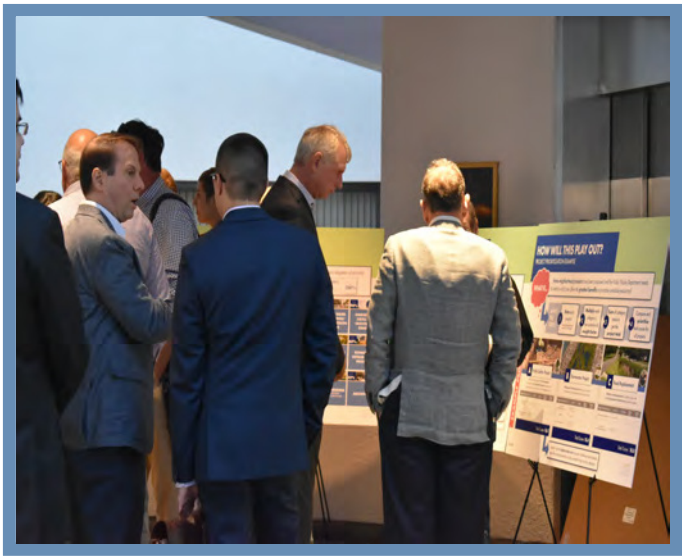
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APPENDIX

Road Elevation Strategy and Neighborhood Project Prioritization

January 21, 2020

Jacobs

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Meeting Outline

- Purpose
  - Jacobs is finalizing their recommendations
  - Our team is here to listen
  - Use comments/questions received to inform final recommendations
- Providing a comment
  - Speak during the meeting, or
  - Submit comments/questions after the meeting
- Comment ground rules during meeting:
  - Form a line to ask a comment/question
  - Speakers are limited to 2 minutes
- Online viewers email questions to: MBRisingAbove@miamibeachfl.gov

Comments After the Meeting

- Open comment period through January 24, 2020
- Questions on Citywide Stormwater Management? Please contact:

Liz Bello-Matthews
Public Information Officer – Public Works Department
305-673-7000 ext. 6902
E-mail: LizBello-Matthews@miamibeachfl.gov

Project Leadership



25 years

Matt Alvarez

Project Manager



23 years

Juan Aceituno

Deputy Project Manager/ Implementation Task Lead



30 years

Laurens van der Tak

Climate Adaptation Advisory Panel



20 years

Jason Bird

Planning Task Lead



25 years

Joe Rozza

Blue-Green & Sustainability



15 years

Monica Diaz

Public Outreach

Agenda

- Road Elevation Strategy
- Neighborhood Project Prioritization
  - Methodology and Criteria
- Questions and Comments



Task 2
Road Elevation Strategy



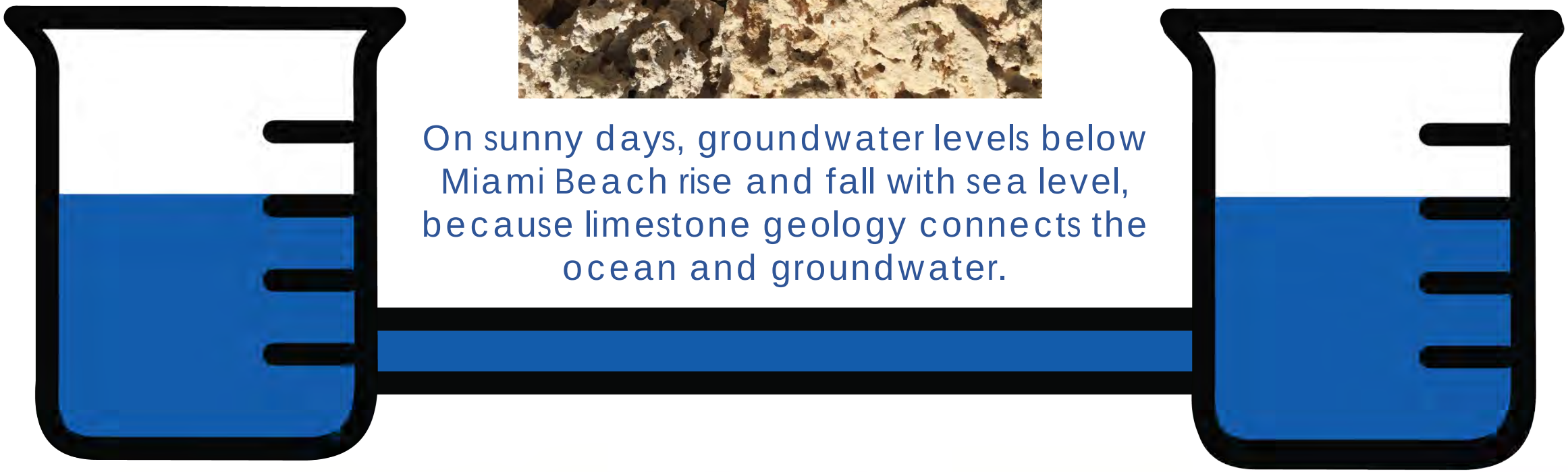
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Jacobs

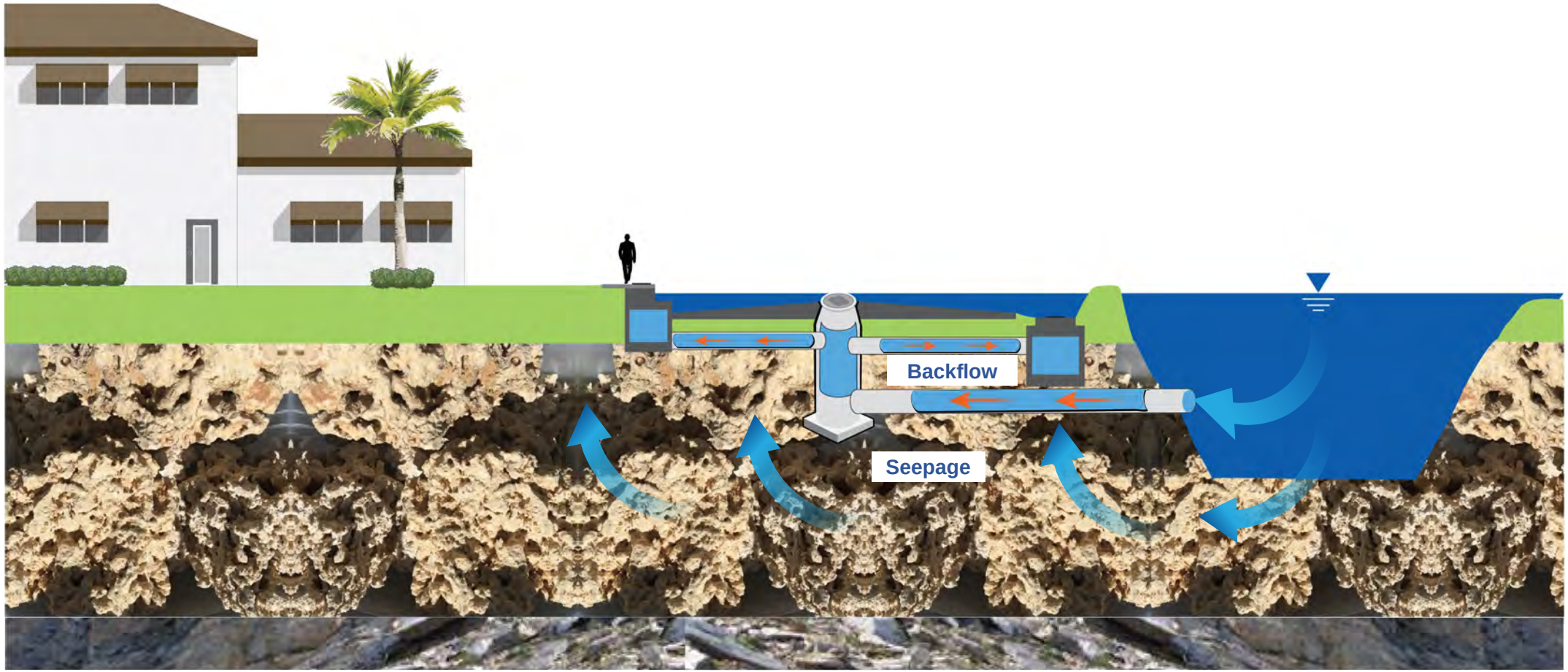
Water seeks its own level



On sunny days, groundwater levels below Miami Beach rise and fall with sea level, because limestone geology connects the ocean and groundwater.



Tidal flooding is problematic in low-lying areas



Tidal Flooding increased with Rainfall



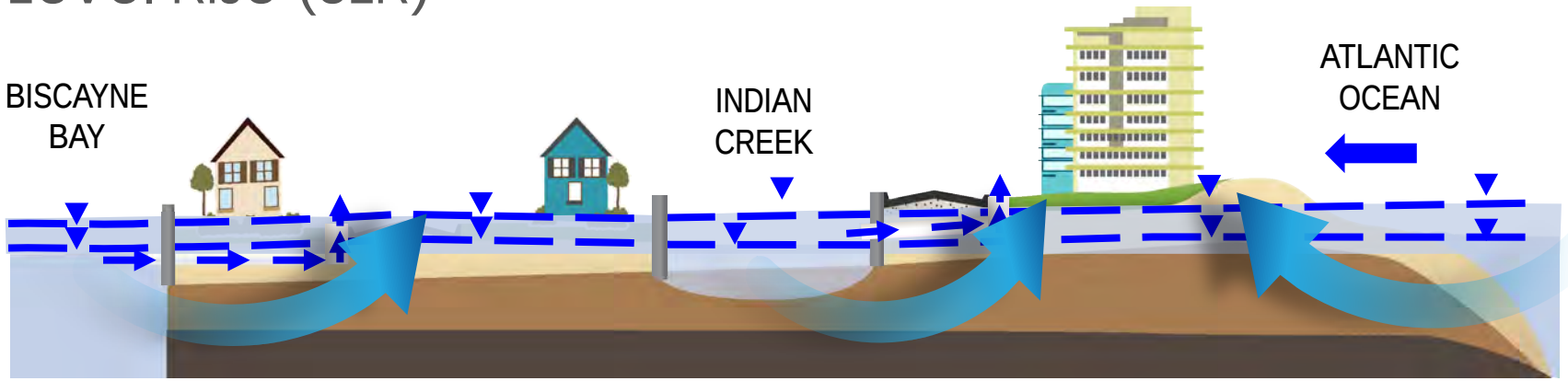
Long Term Strategy includes Elevated Roads, Sea Walls and Pumps



Raising roads is an important strategy to address sunny day tidal flooding in public right-of-way

- Through storm drains
- Through groundwater
- Through overtopping of coastal barriers (e.g., seawalls)
- Exacerbated by Sea Level Rise (SLR)





Road Elevation Strategy Overview

ROADWAY HARMONIZATION:
A roadway design approach that maintains private property access, stormwater management, and neighborhood aesthetics through adaptable design standards.

- **Intent of Updated Policy**
  - Incorporate updated tide data and SLR projections
  - Improve harmonization with private property
- **Current Policy**
  - Minimum road crown elevation for all roads: 3.7 ft NAVD (established 2014)
- **Draft Policy Approach**
  - Flexible design options to address local needs and conditions
  - Address access, stormwater, and aesthetics while reducing flood risk
  - Tiered road elevations based on road classification
  - Alternative strategies to design road elevation below minimum elevation criteria if constrained by harmonization with private property

Guiding Principles of New Road Raising Strategy

- Support keeping road surfaces above the king tide elevation to avoid sunny day tidal flooding
- Establish new minimum elevations for City roads based on updated tidal records and SLR projections
- Address increasing groundwater elevations and concern for poor pavement performance, including premature pavement failure related to saturated road base
- Address concern for private property harmonization
- Standardize application so policy is unbiased, objective, and transparent
- Consider cost implications

Key Factors that Influenced Current 2014 Road Elevation Design Guidelines

Recommended Road Elevation = A + B + C

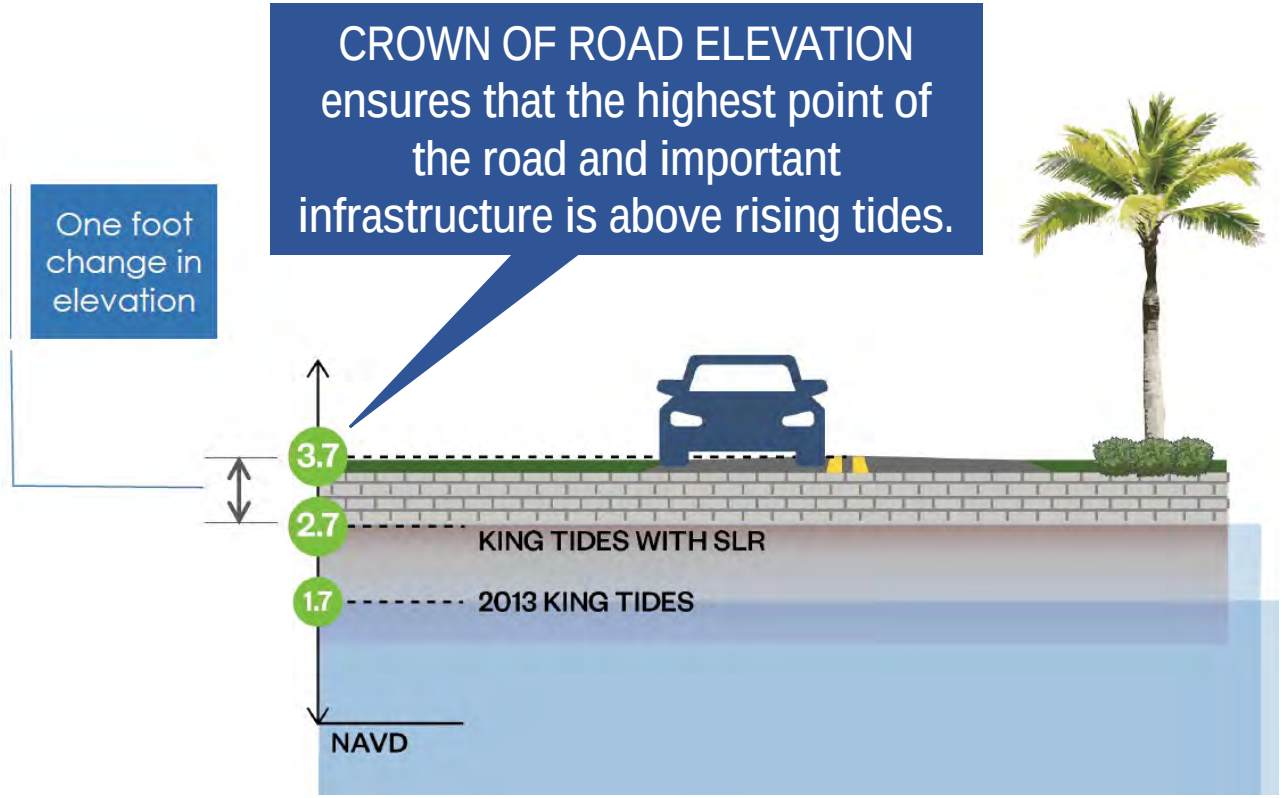
A. Historical "King Tide" = 1.7 ft NAVD*

B. Sea Level Rise for assumed Service Life of 30 years: 1.0 ft

C. Freeboard (1 ft assumed for road cross-slope, drainage, and road base)

*NAVD = North American Vertical Datum

Current Road Elevation Strategy, Developed in 2014



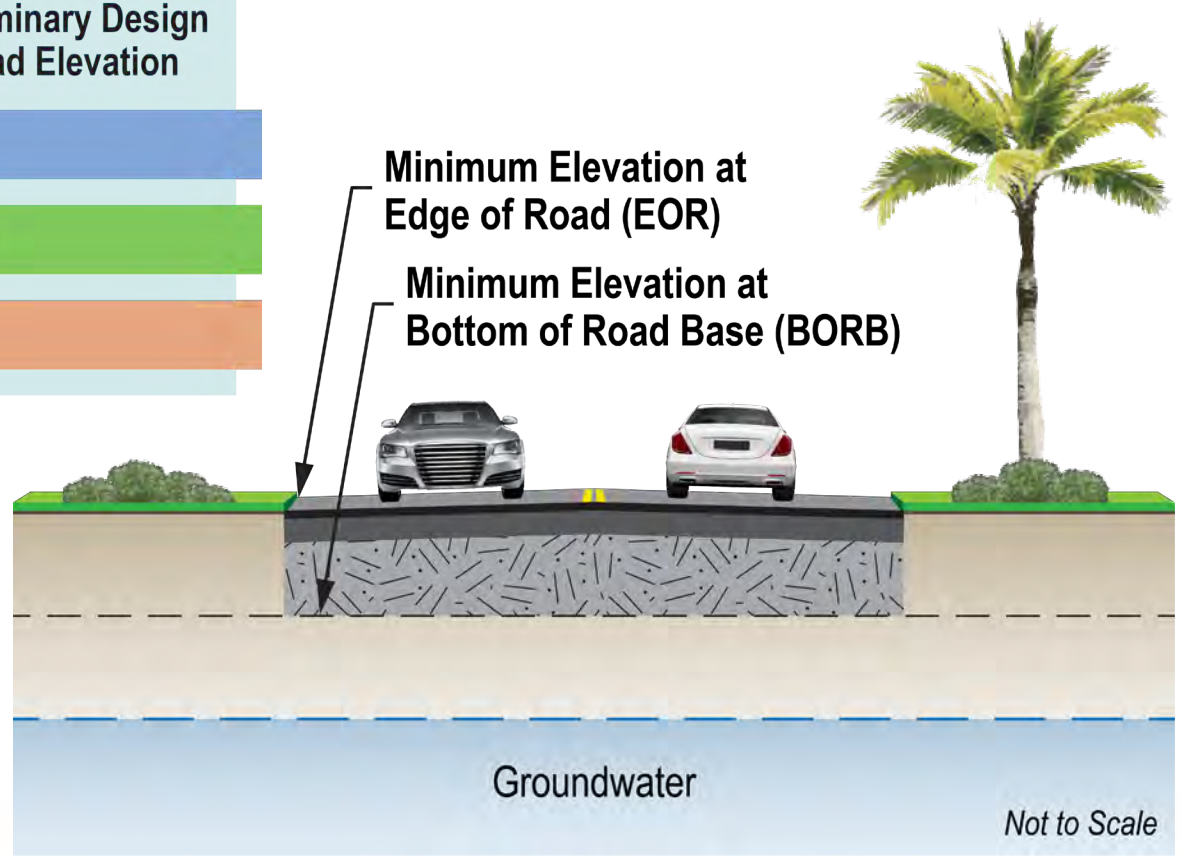
Summary of Key Factors that Determine Minimum Road Elevation Criteria

- Evaluates elevations at edge of road (EOR), not crown, and at bottom of road base (BORB), and picks the most protective standard
- Assumes 30-year road service life
- Updated Sea Level Rise projections
- Target frequency of flooding (applies at end of road service life):
  - **Local Roads**: 50% chance per year (includes roads classified by City as "Local", mostly residential roads)
  - **Major Roads**: 20% chance per year (includes roads such as Washington Ave. classified as "Minor Arterial" and "Minor Collector")
  - **Emergency Roads**: 10% chance per year (includes roads such as Alton Rd. classified as "Evacuation Route and access to First Responders)

Updated decision process calculates minimum road elevations at two points on road section

Level of Service by Road Type	Sea Level Rise for 2020 Start Year*	Freeboard/ Clearance	Preliminary Design Road Elevation
CALCULATION METHOD 1: Limited Flooding at Edge of Road			
CALCULATION METHOD 2: Limited Groundwater/Tidal Wetting at Base of Road			
METHOD 3: Roadway Harmonization with Adjacent Property			

** Sea Level Rise increment will increase for later start years*



Calculation Method 1: Limited Flooding at Edge of Road (EOR)

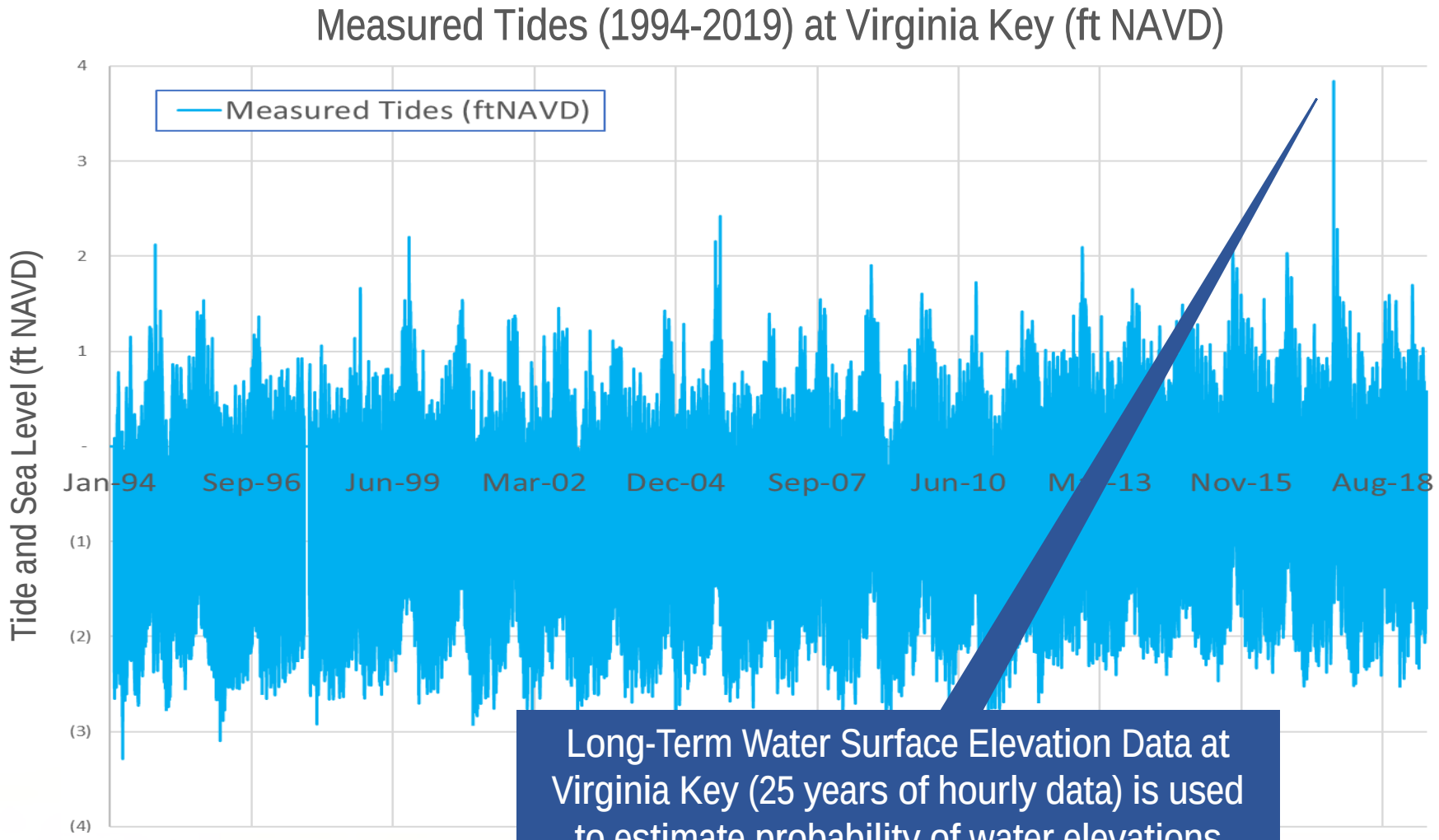
Level of Service by Road Type

CALCULATION METHOD 1

Emergency Roads
10% (1 per 10-year):
3.0 ft NAVD

Major Roads
20% (1 per 5-year):
2.3 ft NAVD

Local Roads
50% (1 per 2-year):
1.7 ft NAVD



Long-Term Water Surface Elevation Data at Virginia Key (25 years of hourly data) is used to estimate probability of water elevations being exceeded.

Calculation Method 1: Limited Flooding at Edge of Road (EOR)

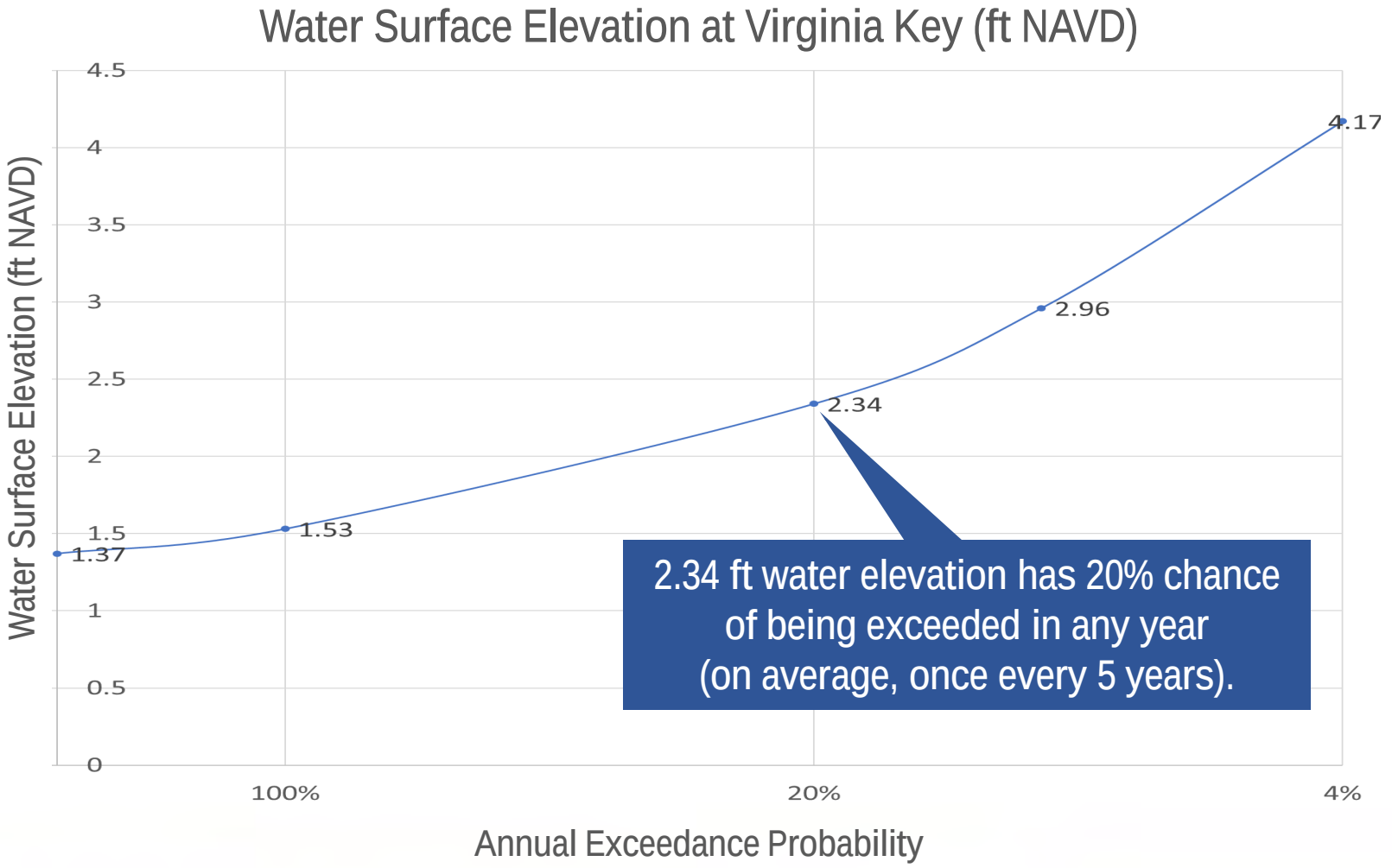
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Local Roads
50% (1 per 2-year):
1.7 ft NAVD

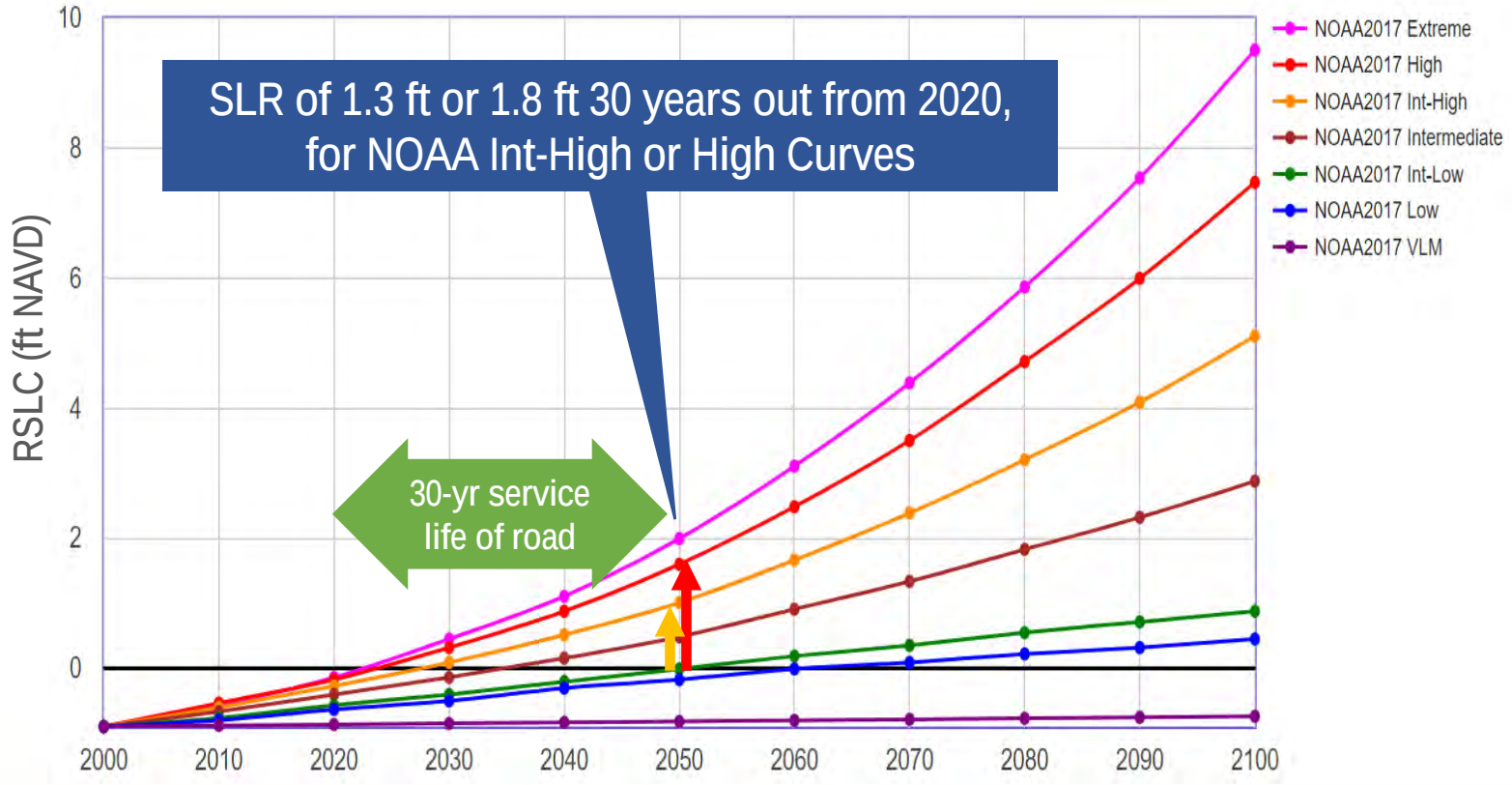


Calculation Method 1: Limited Flooding at Edge of Road (EOR) results in EOR Minimum Elevation of 3.0 ft to 4.8 ft NAVD

Level of Service by Road Type	Sea Level Rise for 2020 Start Year*
CALCULATION METHOD 1	
Emergency Roads 10% (1 per 10-year): **3.0 ft** NAVD	2020 Start: **1.8 ft**
Major Roads 20% (1 per 5-year): **2.3 ft** NAVD	2020 Start: **1.3 ft**
Local Roads 50% (1 per 2-year): **1.7 ft** NAVD	2020 Start: **1.3 ft**

** Sea Level Rise increment will increase for later start years*

Relative Sea Level Change Scenarios for Miami Beach (NOAA*, 2017)



*NOAA = National Oceanic and Atmospheric Administration

Calculation Method 1: Limited Flooding at Edge of Road (EOR) results in EOR Minimum Elevation of 3.0 ft to 4.8 ft NAVD

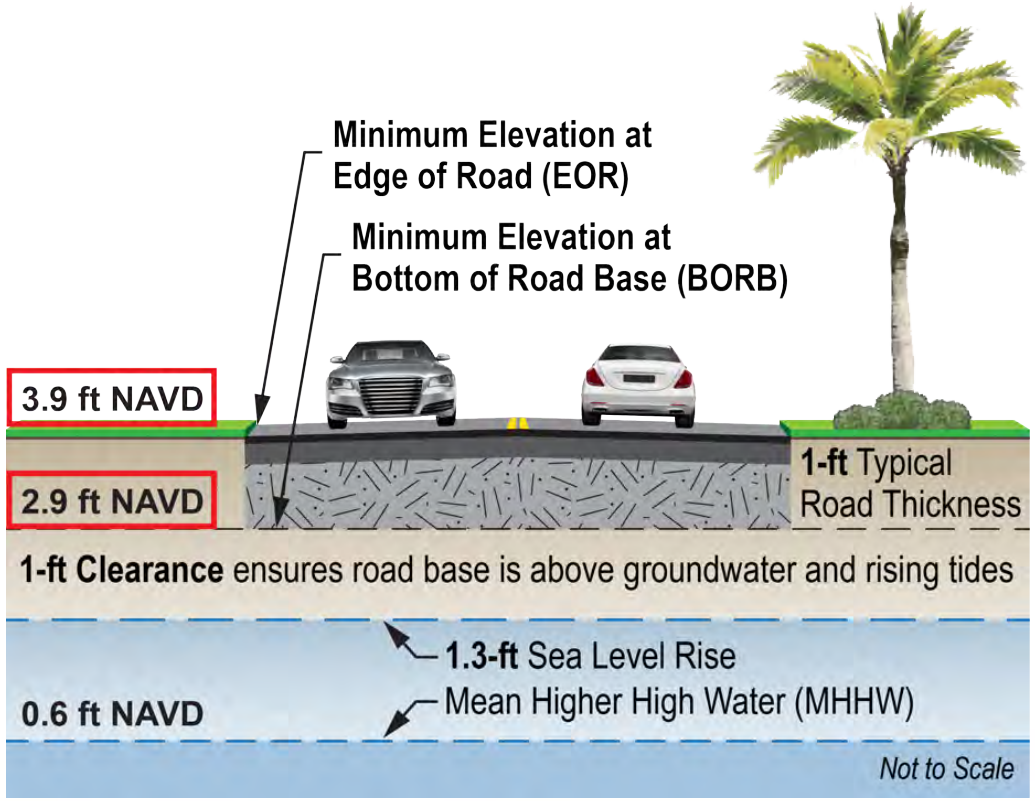
Level of Service by Road Type	Sea Level Rise for 2020 Start Year	Freeboard/ Clearance	Preliminary Design Road Elevation
CALCULATION METHOD 1: Limited Flooding at Edge of Road			
Emergency Roads 10% (1 per 10-year): **3.0 ft** NAVD	2020 Start: **1.8 ft**	Edge of Road: Freeboard **0 ft**	Edge of Road: **4.8 ft**
Major Roads 20% (1 per 5-year): **2.3 ft** NAVD	2020 Start: **1.3 ft**	Edge of Road: Freeboard **0 ft**	Edge of Road: **3.6 ft**
Local Roads 50% (1 per 2-year): **1.7 ft** NAVD	2020 Start: **1.3 ft**	Edge of Road: Freeboard **0 ft**	Edge of Road: **3.0 ft**

** Sea Level Rise increment will increase for later start years*

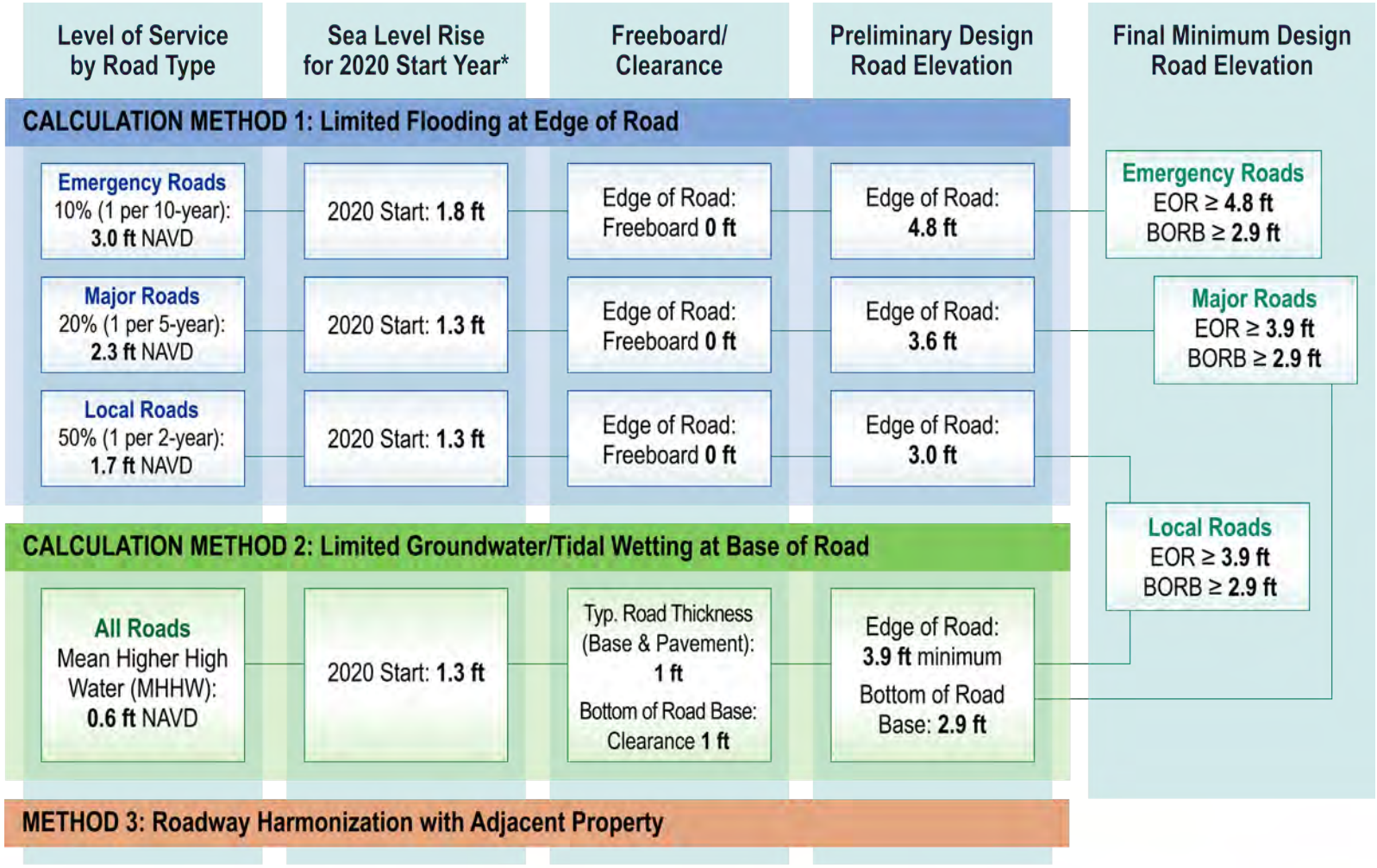
Calculation Method 2: Limited Groundwater Wetting at Road Base during High Tide (MHHW) Results in Bottom of Road Base (BORB) Minimum Elevation of 2.9 ft NAVD

Level of Service by Road Type	Sea Level Rise for 2020 Start Year	Freeboard/ Clearance	Preliminary Design Road Elevation
CALCULATION METHOD 2: Limited Groundwater/Tidal Wetting at Base of Road			
All Roads Mean Higher High Water (MHHW): **0.6 ft** NAVD	2020 Start: **1.3 ft**	Typ. Road Thickness (Base & Pavement): **1 ft** Bottom of Road Base: Clearance **1 ft**	Edge of Road: **3.9 ft** minimum Bottom of Road Base: **2.9 ft**

NOAA Published MHHW of 0.2 ft NAVD for 1983-2001 epoch was updated to 0.6 ft NAVD based on recent tidal data.

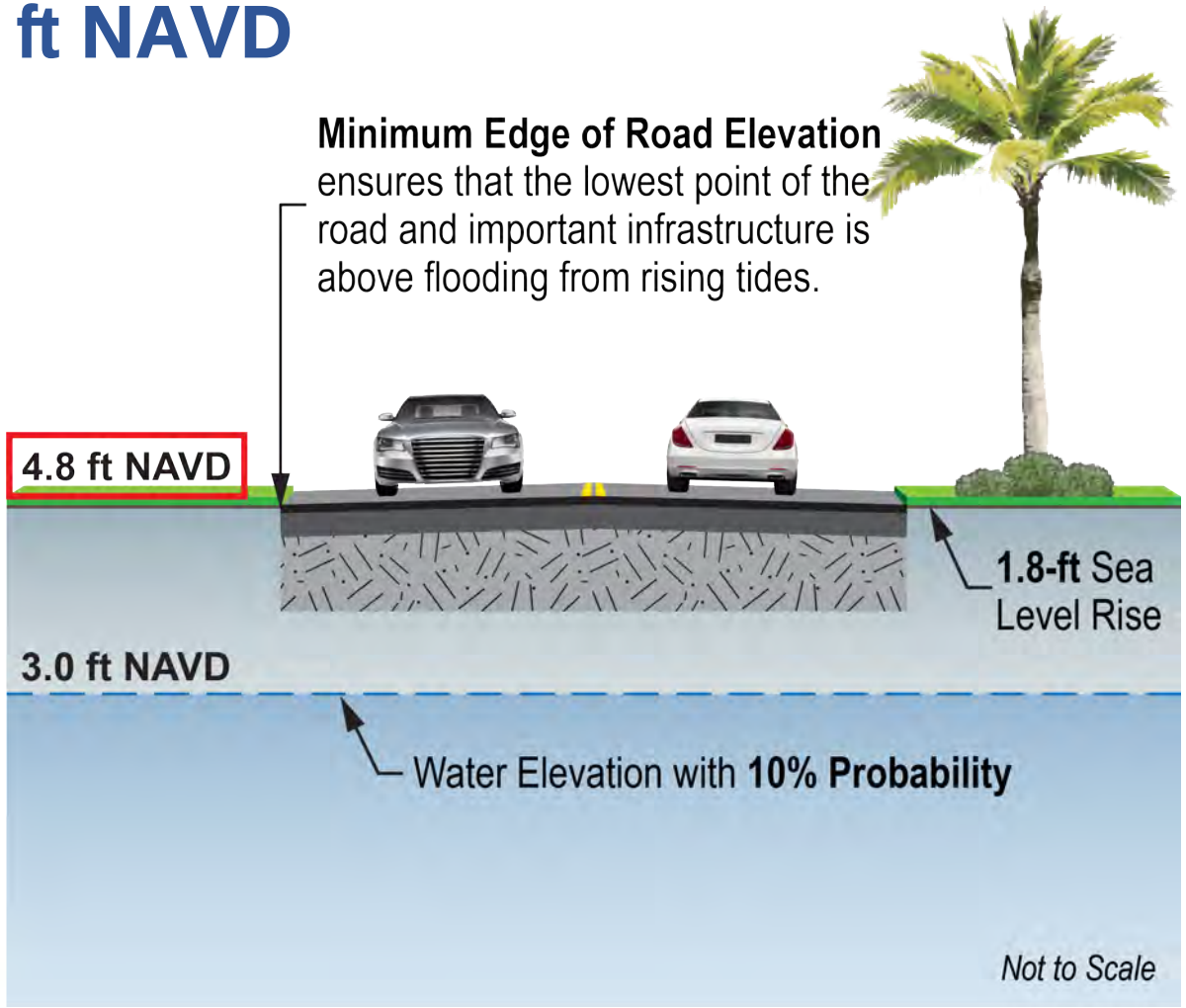


Higher of two calculation methods is selected for EOR or BORB



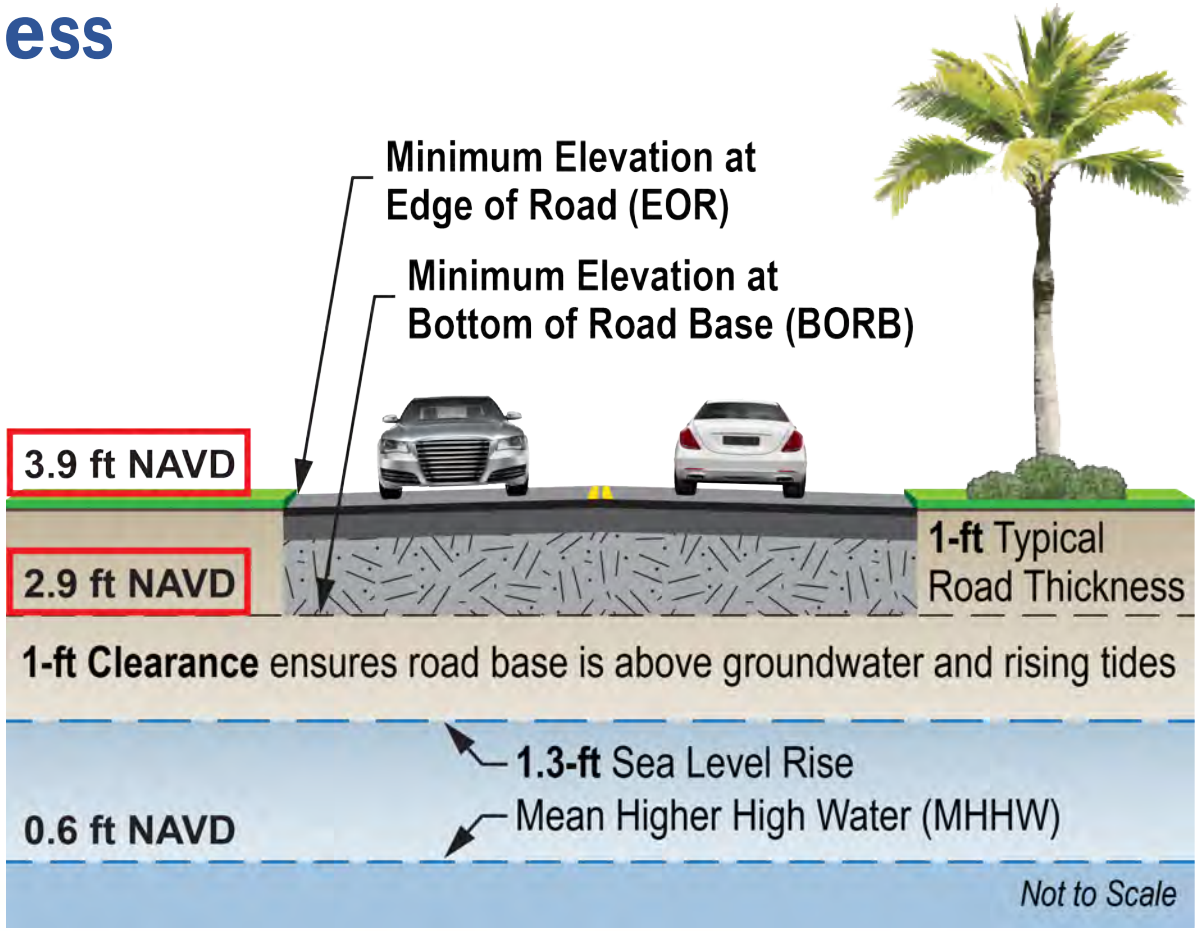
** Sea Level Rise increment will increase for later start years*

Emergency Roads – Minimum Elevation at Edge of Road (Method 1): 4.8 ft NAVD



For Emergency Roads, **Method 1** results in higher Minimum Elevation at Edge of Road for projects built in 2020.

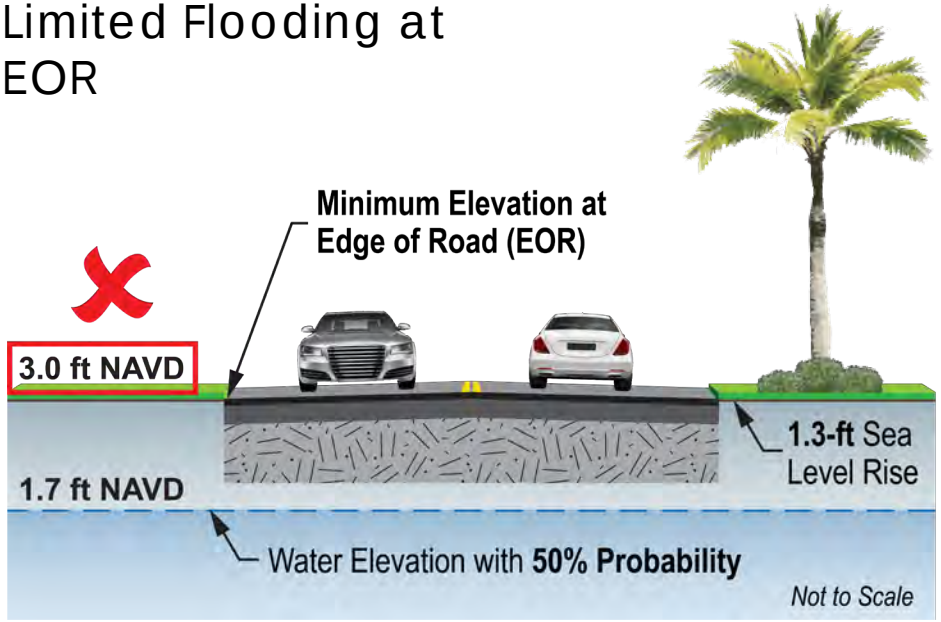
All Roads – Minimum Elevation of Bottom of Road Base (Method 2): 2.9 ft, so Edge of Road is 3.9 ft assuming 1-ft road thickness



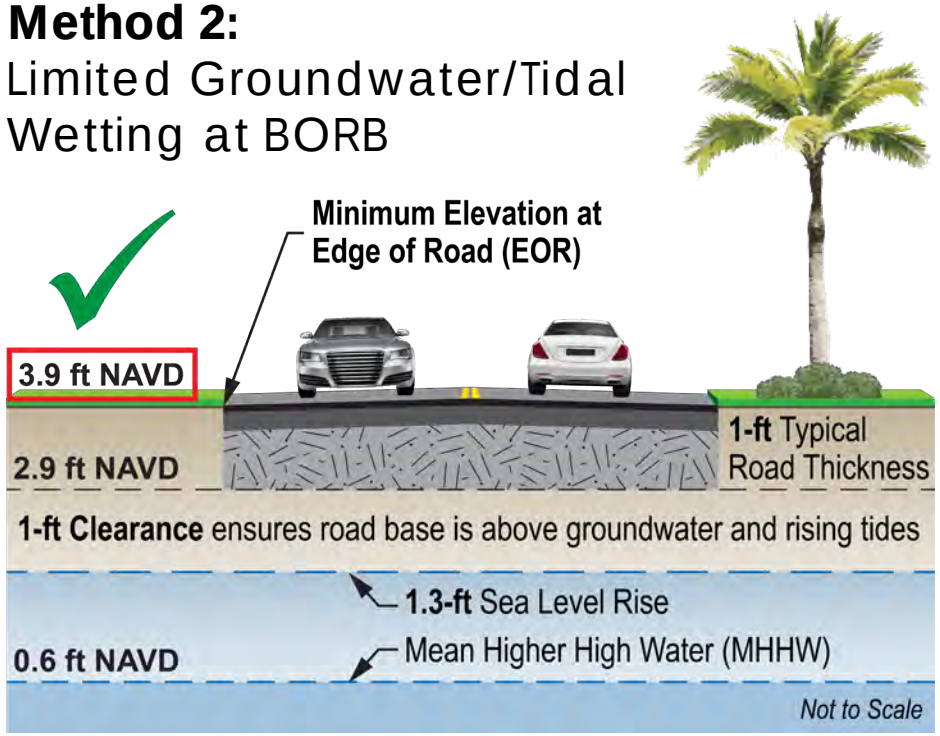
Method 2 is used to set Minimum Elevation of Bottom of Road Base: 2.9 ft NAVD for projects built in 2020.

Major Roads – Minimum Elevation of Edge of Road (Method 1): 3.6 ft NAVD, so Bottom of Road Base (Method 2): 3.9 ft NAVD is preferred

Method 1:
Limited Flooding at EOR



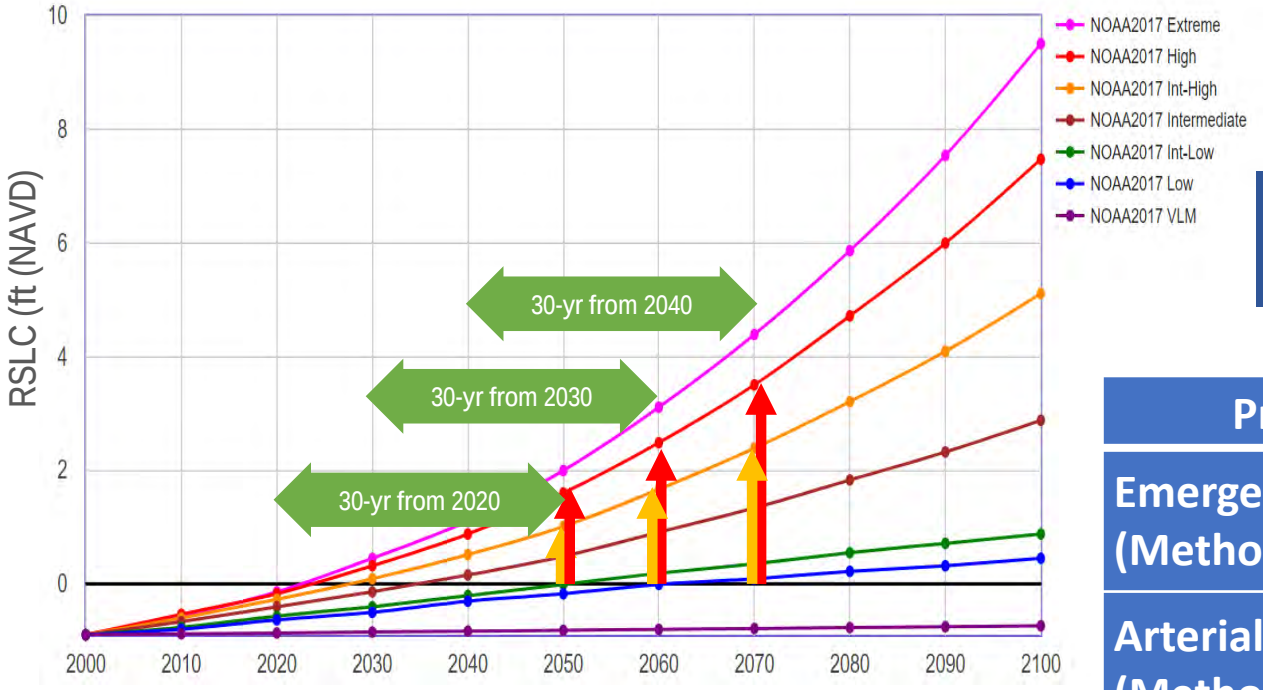
Method 2:
Limited Groundwater/Tidal Wetting at BORB



For Major Roads, **Method 2** results in higher Minimum Elevation at Edge of Road, assuming projects with 1-ft road thickness and built in 2020.

Road raising strategy for future projects increases in recognition of accelerating Sea Level Rise projections

Relative Sea Level Change Scenarios for Miami Beach (NOAA, 2017)



SLR of 1.8 ft or 1.3 ft 30 years out from 2020

SLR of 2.7 ft or 1.9 ft 30 years out from 2030

SLR of 3.7 ft or 2.7 ft 30 years out from 2040

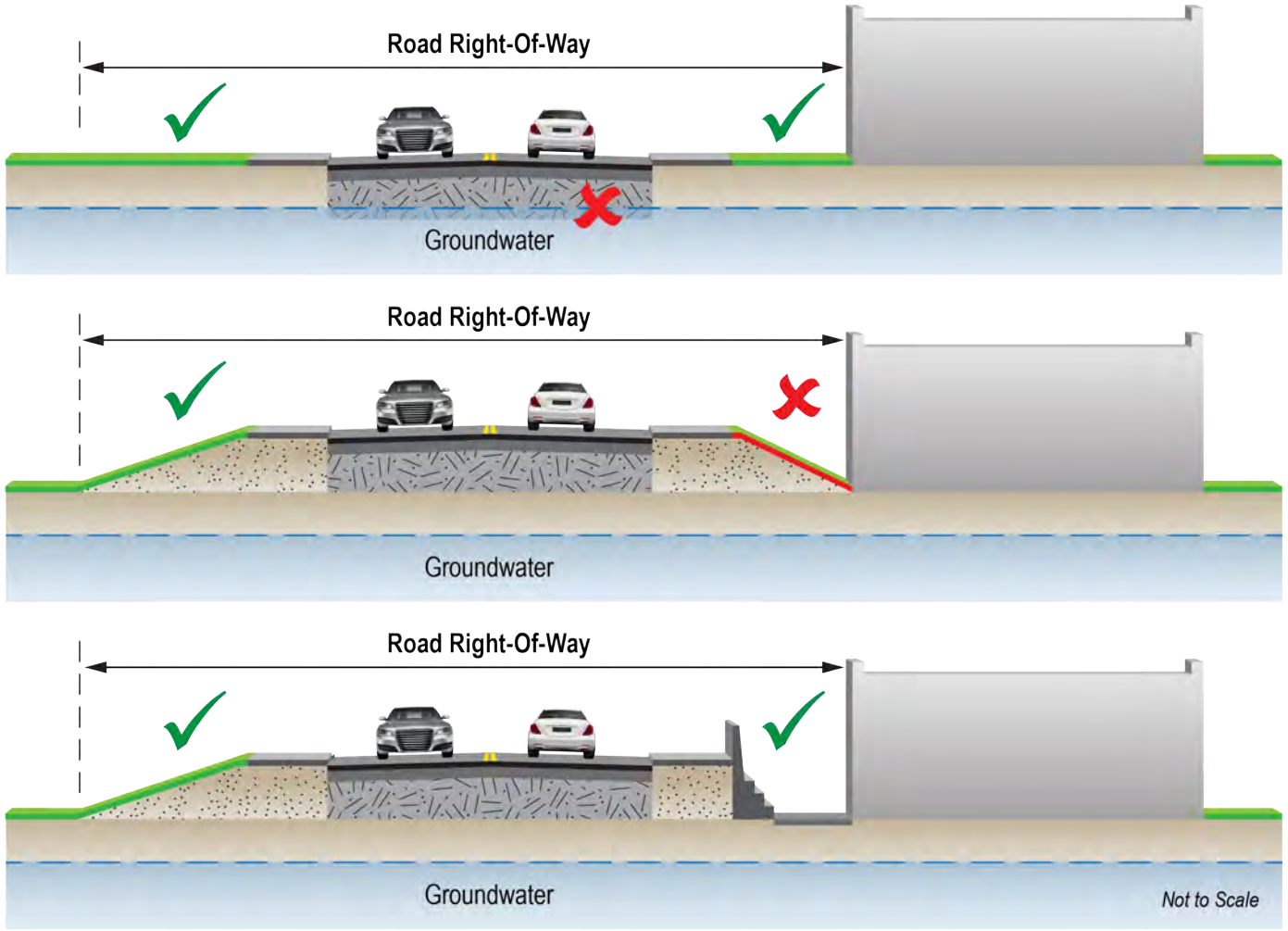
Project Start Date	2020	2025	2030	2035	2040
Emergency Roads (Method 1)	4.8	5.2	5.7	6.2	6.7
Arterial and Local Roads (Method 2) *	3.9	4.2	4.5	4.9	5.3

* Method 2 assumes 1 ft road thickness above bottom of road base.

Harmonization with Adjacent Property

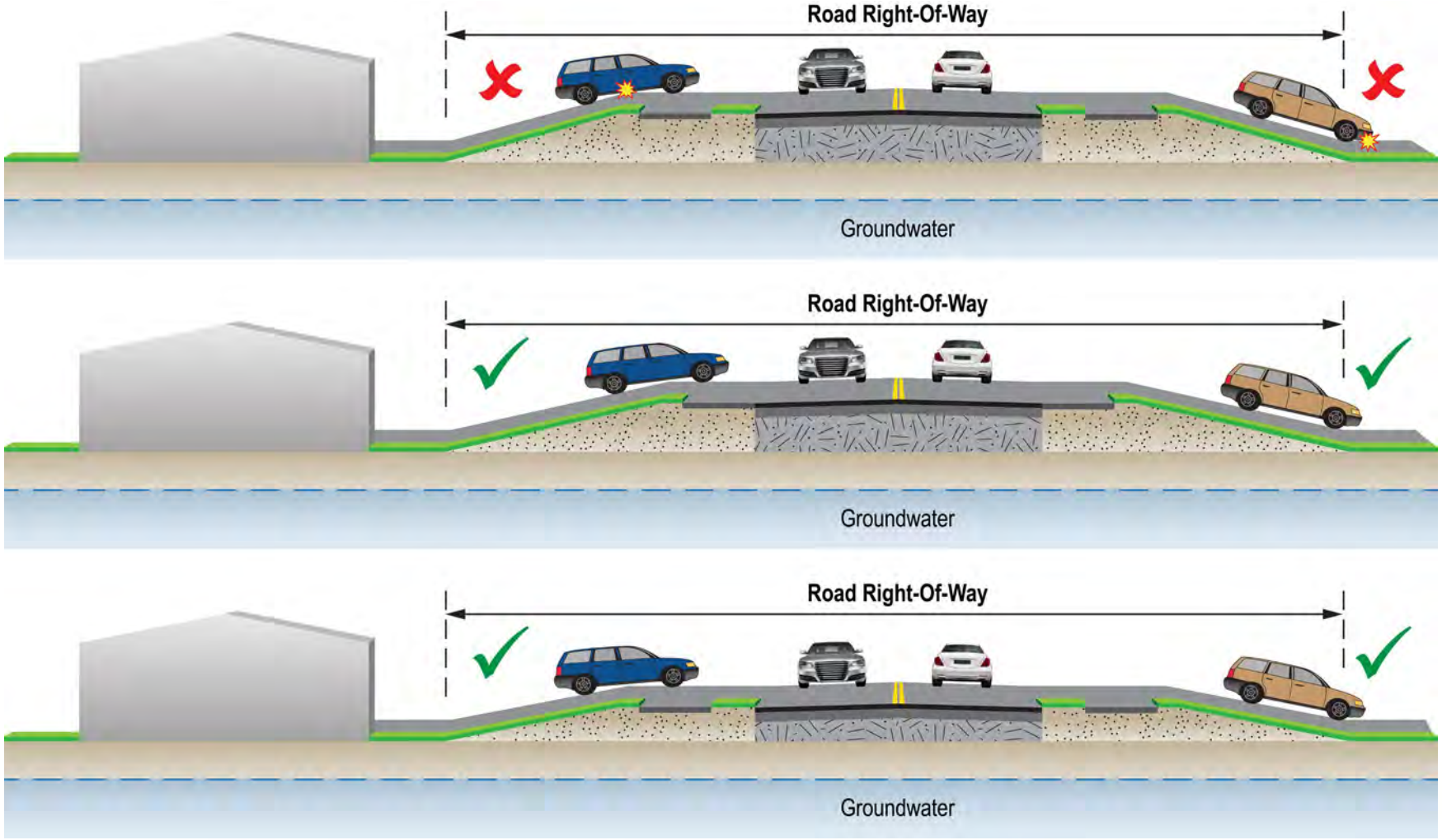
- If constraints are identified by the City Engineer, as a result of the minimum road elevation, then harmonization exception criteria supersede, at the discretion of the City Engineer.
- Example exception criteria may include:
  - Inadequate horizontal space to construct road improvements and tie back to existing grade
  - Driveway grades and grade break cannot meet City standards at new elevation, posing access concerns
  - Adverse stormwater management conditions created

Harmonization with Adjacent Commercial Property



- Existing issue (saturated base causing road system failures)
- Proposed road elevation creates conflicts with buildings
- Harmonization solution includes use of edge treatment to mitigate

Harmonization with Adjacent Residential Property

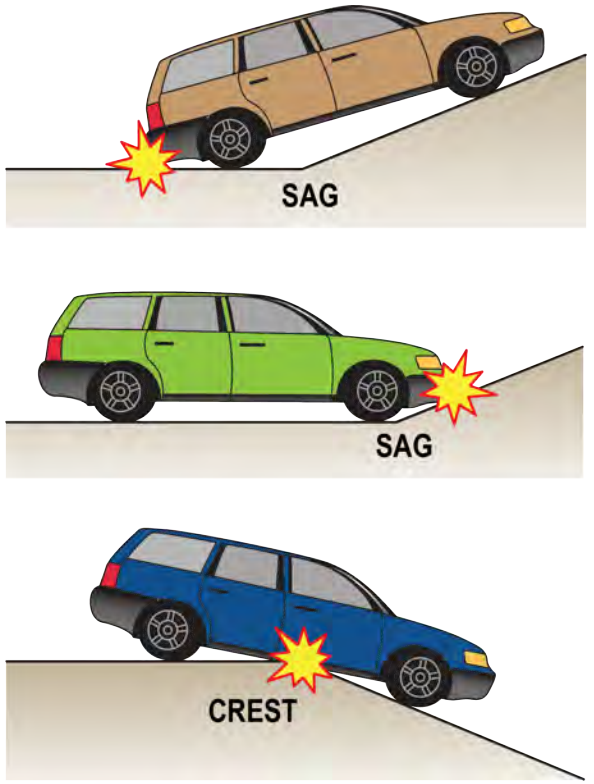


- Proposed road elevation may create driveway access issues.
- Shift sidewalks to decrease angle of slope.
- Raising sidewalk and roadway less to decrease angle of slope.

Proposed Criteria for Harmonization

- Driveway slopes within FDOT standards to avoid adverse conditions.
- Recommended maximum driveway slopes
  - **Residential: 12.5%** (1V:8H)
  - **Commercial: 10.0%** (1V:10H)
- Recommended max. sidewalk cross-slope = 1.5%

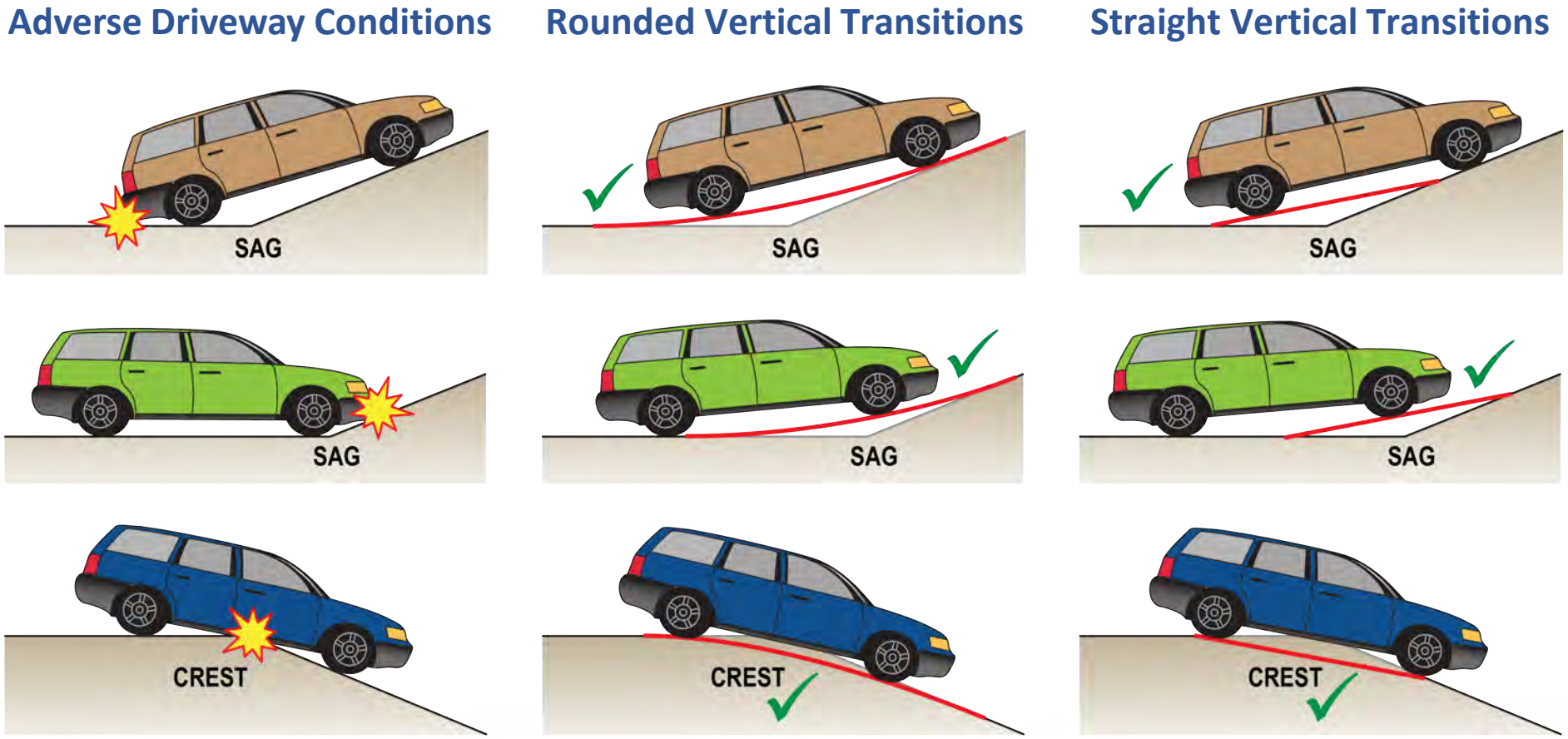
Adverse Driveway Conditions



Proposed Criteria for Harmonization

If driveway slope changes more than 14.0% at a crest or sag, a vertical transition will be provided.

- Rounded vertical transitions
- Straight vertical transitions



Proposed Harmonization Solutions (Examples)

- Alternative road treatments (retaining walls, steps, ADA ramps, etc.)
- Temporary construction easement to reduce slope of driveways.
- Lower sidewalk at driveway to improve driveway grades.
- Collect stormwater from behind sidewalk, into storm drainage system.
- Don’t raise roadway as high as minimum standard.

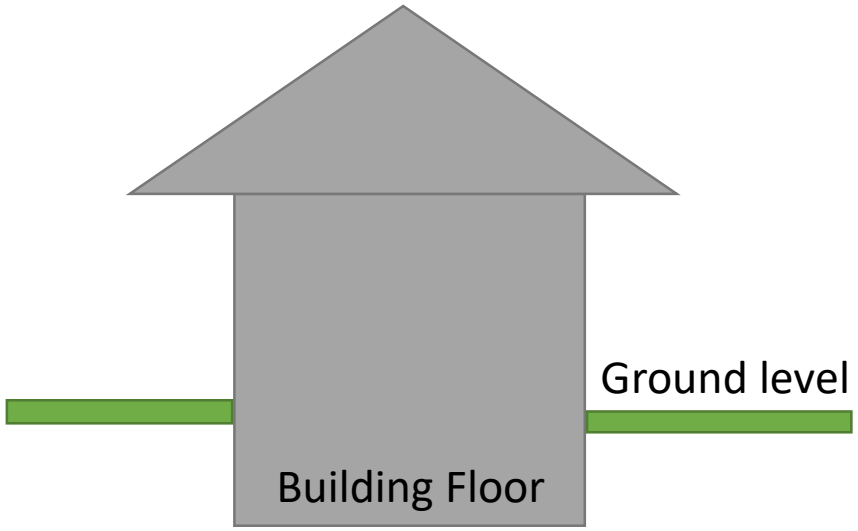
(solutions vary between residential and commercial property)

Basements Defined

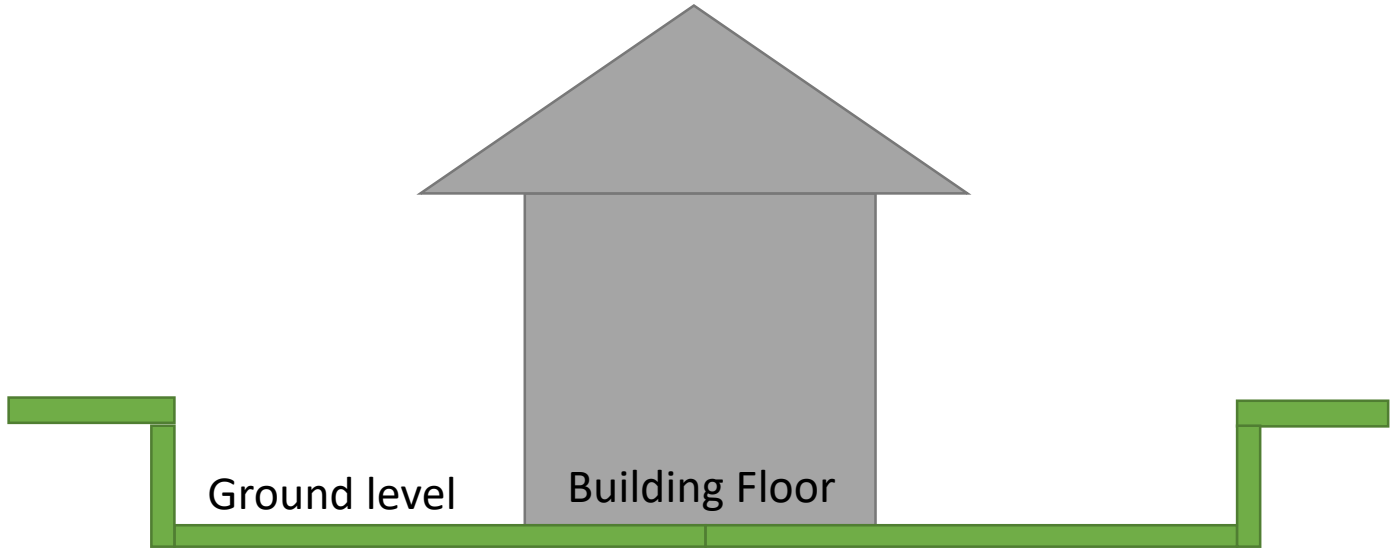
FEMA Definition:

Any area of a building having its floor subgrade (below ground level) on all sides.

(Definition adopted and codified by City of Miami Beach, Ordinance Section 54-35)



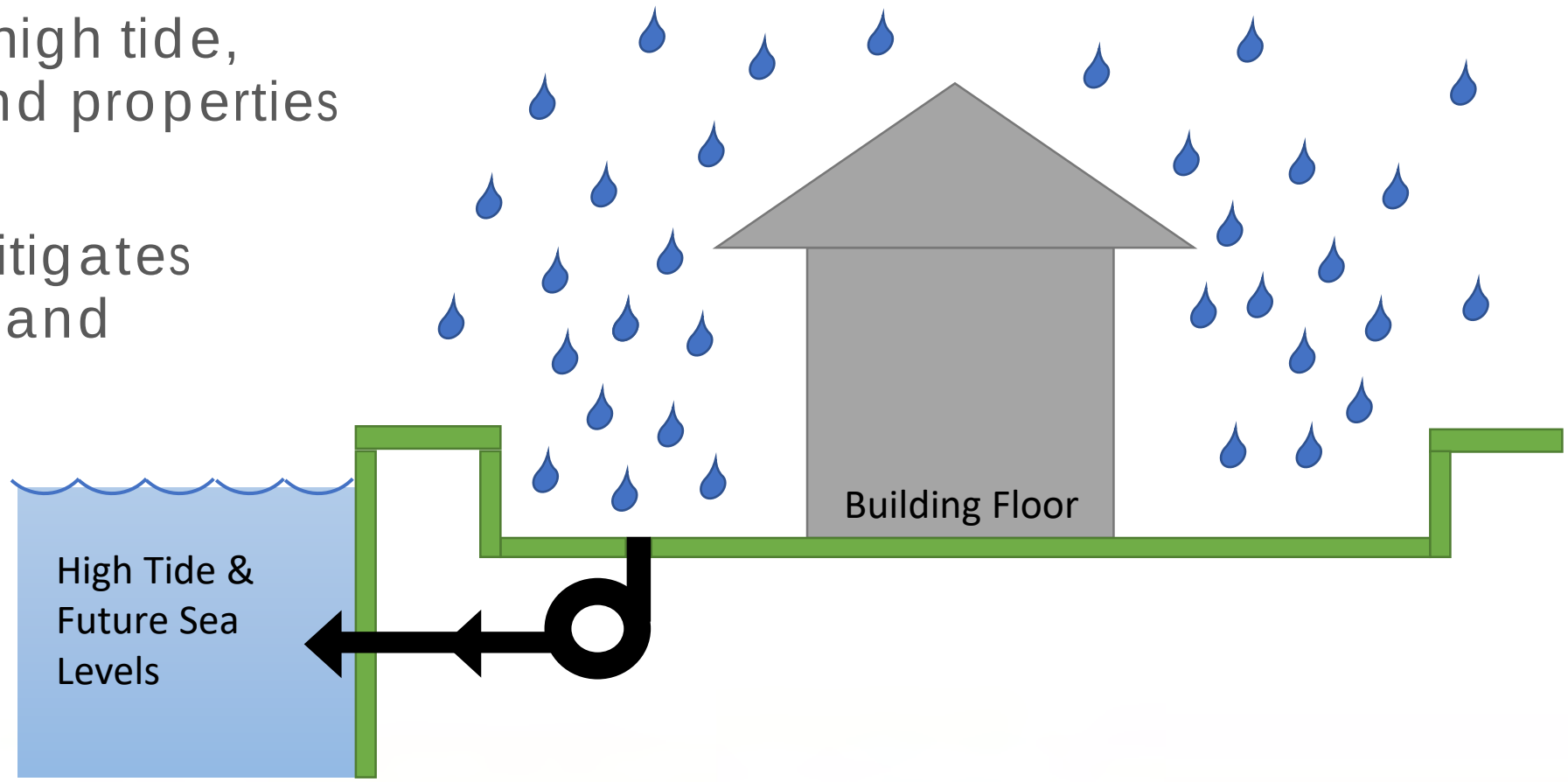
Basement Condition



Not a Basement

Purpose of Pumps, for Stormwater Management

- Maintain stormwater discharge during high tide, allowing streets and properties to drain.
- Elevating roads mitigates against high tides and groundwater.



Task 3
Neighborhood Project Prioritization

MIAMIBEACH
RISING
ABOVE

Jacobs



MIAMIBEACH RISING ABOVE

Neighborhood Project Group Prioritization Objectives

- Strategically guide prioritization of City Neighborhood Projects
- Maximize benefits, minimize impacts
- Objective, transparent, and repeatable methodology

NEIGHBORHOOD PROJECT:
A project involving multiple City Services; for example:

- Road improvements
- Water/sewer maintenance
- Stormwater upgrades

Overall Process for Neighborhood Project Prioritization

City Planning Processes → Individual Capital Projects → Prioritization Methodology → Group into Prioritized Neighborhood Projects

Today's Focus

Jacobs

Guiding Principles

- Public safety is top priority
- Water and wastewater service delivery and environmental protection support multiple objectives
  - Public health, local economy, regulatory compliance
- Economic development is supported by City services
  - Service delivery/capacity, risk management
- Routine maintenance supports long-term service supply reliability
- Aesthetics not a stand-alone objective (but important)

Neighborhood Project Prioritization

- **Development of Methodology**
  - Established 11 project categories
  - Developed criteria for each category corresponding to level of importance (scores correspond to level of importance)
  - Developed weight factors for each category
- **Notes About Methodology**
  - Projects can have attributes that span multiple categories
  - Projects with multiple benefits produce higher scores

Neighborhood Project Prioritization: Eleven Categories of Projects

Project Categories Objectives and Benefits of City Projects	**Brief Description**
Aesthetics	Business visibility, landscaping, historical integrity, green streets
Coastal Flood Risk Management	Exposure and sensitivity to king tides, sea level rise, storm surge, extreme weather
Economic Development	Type of development
Emergency (Critical) Facilities and Roads	Emergency response effectiveness
Environmental Benefits (Ecological)	Type of environmental benefits
Pedestrian and Bicycle Mobility	Infrastructure that enables more and safer pedestrian and bicycle movement
Potable Water/Fire Suppression System	Public safety, public health, and infrastructure condition
Rain Driven Storm Water Management	Flood management, environmental protection, and regulatory compliance
Road Classification	Type and capacity of road
Sanitary Sewer Service Delivery	Provision of service, capacity and condition of system
Transportation – Road Condition/Remaining Service Life	Condition and service life of road

Neighborhood Project Prioritization

Rating Projects Across Multiple Categories of Objectives and Benefits

Category: Coastal Flooding Risk Management	
Attribute	***Value***
Storm Surge Defense: People	10
Storm Surge Defense: City Services & Infrastructure	7
King Tide Defense: Residential & Commercial	6
Storm Surge Defense: Property	5
King Tide Defense: City Services & Infrastructure	4
Not applicable	0

Category: Environmental Benefits	
Attribute	***Value***
Opportunity to improve quality of stormwater discharge to Bay	10
Opportunity to address heat island effects	9
Opportunity to enhance natural habitat	7
Opportunity for natural system educational and interpretation	5
Opportunity to sequester carbon	4
Not applicable	0

Category: Potable Water Distribution / Fire Suppression	
Attribute	***Value***
Fire Suppression: Pressure and Capacity	10
Domestic Water Supply: Quality	9
Domestic Water Supply: Capacity	8
Reliability & Performance Improvements: Breaks & Leaks	6
Reliability & Performance Improvements: Materials	4
Not applicable	0

Category: Rain Driven Stormwater Management	
Attribute	***Value***
Stormwater Quantity and Quality issues	10
Stormwater Quantity issues	8
Stormwater Quality issues	8
Non-Point Source Pollution Prevention	6
Non-Stormwater Discharge Elimination	6
Not applicable	0

Neighborhood Project Prioritization

Rating Projects Across Multiple Categories of Objectives and Benefits

Rank	Project Category	Project Category Weight Factor (%)
1	Coastal Flood Risk Management	100
2	Potable Water Distribution / Fire Suppression System	100
3	Emergency (Critical) Facilities & Roads	90
4	Sanitary Sewer Service Delivery	85
5	Rain Driven Storm Water Management	85
6	Environmental Benefits	70
7	Economic Development	60
8	Pedestrian and Bicycle Mobility	50
9	Road Classification	40
10	Road Condition Maintenance	40
11	Aesthetics	35



Example Application

- **Scoring and Prioritizing Projects**
  1. Identify all projects in the Neighborhood Project Group
  2. Develop score for each project:
     1. Can involve multiple categories
     2. Select single attribute that best represents the project
     3. Apply category weight factor to each attribute value
     4. Add up scores for project to get total project score
  3. Add total project scores for all projects in Neighborhood Group for overall score for that group
  4. Use overall Neighborhood Project Group score to compare and prioritize multiple Neighborhood Project Groups

Neighborhood Project Group 1 (Hypothetical)

Neighborhood Project Groups			Project Category		Project Attribute		Score
Group Number	Description	Project	Categories Addressed	Category Weight	Description	Value	
Neighborhood Project Group 1	Water System Upgrade for Fire Suppression. Include retrofit bioretention swales along roads while in neighborhood.	Upgrade Water Line for Fire Suppression	Potable Water Distribution/Fire Suppression	100%	Fire Suppression: Pressure and Capacity	10	10.0
		Retrofit Bioretention Swale Along Roads While in Neighborhood	Rain Driven Stormwater Management	85%	Stormwater Quality issues	8	6.8
			Aesthetics	35%	Green Streets	9	3.2
			Environmental Benefits	70%	Protect the Bay	10	7.0
					Total Score Neighborhood Group 1		**27.0**

Neighborhood Project Group 2 (Hypothetical)

Neighborhood Project Group 2	Blue-Green Infrastructure Retrofit on green space with aesthetic enhancements and public education. Include adding pedestian walkways and bike paths.	Green Infrastructure: Constructed Wetland System	Rain Driven Stormwater Management	85%	Stormwater Quantity and Quality issues	10	8.5
			Environmental Benefits	70%	Enhance Natural Habitat	7	4.9
			Aesthetics	35%	Public Open Space/Parks	10	3.5
		Pedestrian & Bicycle Paths	Pedestrian and Bicycle Mobility	50%	Pedestrian Pathways and Bicycle Lanes	9	4.5
		Total Score Neighborhood Group 2					**21.4**

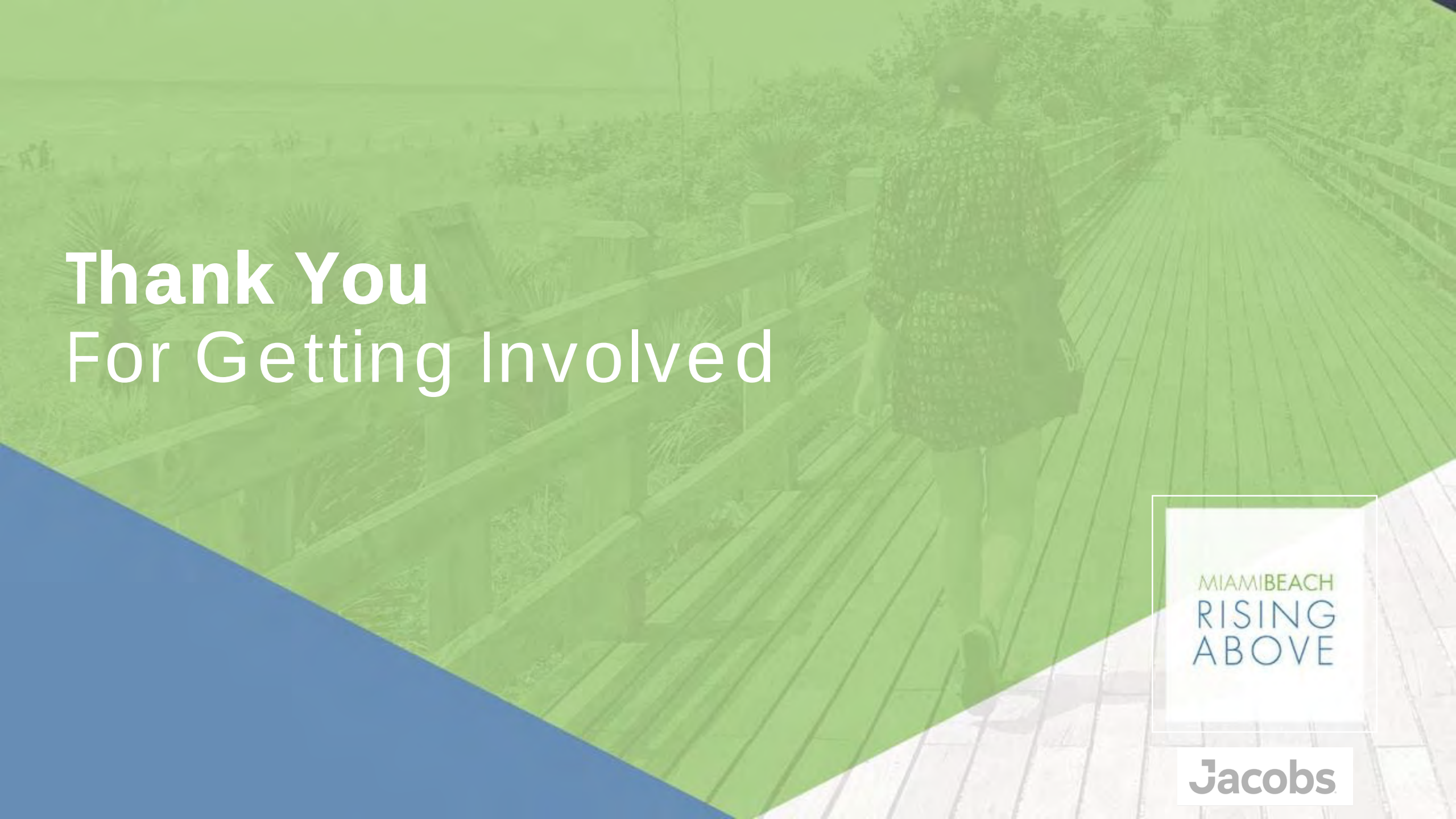
Neighborhood Project Group 3 (Hypothetical)

Neighborhood Project Group 3	Routine Road Replacement (Condition). Include blue-green infrastructure along roadway.	Road Replacement / Resurfacing	Road Condition Maintenance	40%	Local Commercial	8	3.2
		Green Infrastructure: Bioswale	Rain Driven Storm Water Management	85%	Stormwater Quality issues	8	6.8
			Aesthetics	35%	Green Streets	9	3.2
			Total Score Neighborhood Group 3				**13.2**

Example: Ranking and Prioritizing Multiple Projects Groups

Neighborhood Projects		Neighborhood Project Highlights	Overall Score
Neighborhood Project Group 1	Water System Upgrade for Fire Suppression and Bioretention Swale Along Road	Multiple Projects Addressing Multiple Issues 1. Public Safety: Fire Suppression 2. Environmental Protection 3. Aesthetic Improvements	27.0
Neighborhood Project Group 2	Wetland Added to Park Space for Improved Water Quality, Green Space and Aesthetics	Multiple Projects Addressing Multiple Issues 1. Flood Management 2. Environmental Protection 3. Increased Mobility / Sustainability 4. Aesthetic Improvements	21.4
Neighborhood Project Group 3	Routine Road Replacement (Condition). Include blue-green infrastructure along roadway.	Single Project Addressing Multiple Issues 1. Required / Routine Maintenance 2. Environmental Protection 3. Aesthetic Improvements	13.2

Highest Priority Project



Thank You
For Getting Involved

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Comments
From The Public

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DEVELOPING A NEIGHBORHOOD PROJECT PRIORITIZATION TOOL

The Neighborhood Project Prioritization Tool is a new decision support tool that will help the Public Works Department prioritize Neighborhood Projects to maximize benefits and address priorities.

RANKING INDIVIDUAL NEIGHBORHOOD PROJECTS

The tool creates a formal, transparent, and repeatable process for ranking Neighborhood Projects. It will not apply to other project types.

GROUPING PROJECTS FOR IMPLEMENTATION

Staff will then review the list in light of neighborhood context. Projects may be bundled according to location and known community priorities, as needed.

"Neighborhood Projects" combine multiple, smaller projects like road work, utilities, sidewalks, or street trees into one larger project to increase efficiencies and minimize disruption.

WHAT DOES PUBLIC WORKS DO?

The Public Works Department finds solutions to our community's most pressing infrastructure and environmental needs. It is responsible for the design, maintenance, functionality, delivery, and cleanliness of the City's water services and resources, roadways, and greenways. It has four divisions:

- **Infrastructure**
- **Engineering**
- **Sanitation**
- **Greenspace Management**

Its projects offer multiple benefits to the community, including safety, health, mobility, recreation, economic development, and beauty.

HOW DO WE PRIORITIZE?

BENEFIT CATEGORIES

Neighborhood Projects offer multiple benefits that fall into 11 different categories, each with different degrees of priority reflected by their weight factors.

LOWEST PRIORITY
- LIMITED HEALTH & SAFETY IMPACTS
- LIMITED RISK EXPOSURE
- NOT AN IMMEDIATE NEED

LOWEST WEIGHT FACTOR: **35%**

BENEFIT CATEGORIES

HIGHEST PRIORITY
- HEALTH & SAFETY
- HIGH RISK EXPOSURE
- CRITICAL INFRASTRUCTURE & CITY SERVICES

HIGHEST WEIGHT FACTOR: **100%**

GUIDING PRINCIPLES FOR SETTING WEIGHT FACTORS

1. Public safety is the top priority
2. Water & wastewater service delivery and environmental protection projects support multiple objectives like public health, the local economy, and regulatory compliance
3. City services support economic development through service delivery, infrastructure capacity, and risk management
4. Routine maintenance supports long-term service supply reliability
5. Aesthetics are valuable, but not a standalone objective

WEIGHT FACTORS

Each benefit category was **assigned a weight to quantify its relative importance.** These factors will be multiplied by the raw score for each category to get a weighted score that favors the highest priority benefits.



WEIGHT **100%**

COASTAL FLOOD RISK
(SEA LEVEL RISE & SURGE)



WEIGHT **100%**

POTABLE WATER DISTRIBUTION/ FIRE SUPPRESSION SYSTEM



WEIGHT **90%**

EMERGENCY (CRITICAL) FACILITIES & ROADS



WEIGHT **85%**

SANITARY SEWER SERVICE DELIVERY



WEIGHT **85%**

RAIN DRIVEN STORMWATER MANAGEMENT
(QUALITY & QUANTITY)



WEIGHT **70%**

ENVIRONMENTAL BENEFITS
(ECOLOGICAL)



WEIGHT **60%**

ECONOMIC DEVELOPMENT PROJECT



WEIGHT **50%**

PEDESTRIAN & BICYCLE MOBILITY



WEIGHT **40%**

ROAD CAPACITY
(ARTERIAL, COLLECTOR, RESIDENTIAL/LOCAL)



WEIGHT **40%**

TRANSPORTATION
(ROAD CONDITION/ REMAINING SERVICE LIFE)



WEIGHT **35%**

AESTHETICS

HOW ARE PROJECTS SCORED?

CRITERIA & PRIORITY RATINGS

CATEGORY
- CRITERIA A: *10 PTS*
- **CRITERIA B: *8 PTS***
- CRITERIA C: *6 PTS*
- CRITERIA D: *4 PTS*
- CRITERIA E: *2 PTS*
- N/A: *0 PTS*

1. For each category, choose the criteria that best describes the project.
2. Criteria point values range from 2 to 10, depending on priority.
3. If there are no applicable criteria, the point value for that category is 0.

Category	Weight Factor
Coastal Flood Risk	100%
Potable Water Distribution/ Fire Suppression System	**100%**
Emergency (Critical) Facilities & Roads	90%
Sanitary Sewer Service Delivery	85%
Rain Driven Stormwater Management	**85%**
Environmental Benefits	**70%**
Economic Development Project	60%
Pedestrian & Bicycle Mobility	50%
Road Capacity	40%
Transportation	40%
Aesthetics	35%

EXAMPLE CRITERIA

CATEGORY:
Environmental Benefits

CRITERIA:

High — Rating — *Low*

- Opportunity to improve quality of stormwater discharge to bay
- Opportunity to address heat island effects
- Opportunity to enhance natural habitat
- Opportunity for natural system education and interpretation
- Opportunity to sequester carbon

CATEGORY:
Rain Driven Stormwater Management

CRITERIA:

High — Rating — *Low*

- Stormwater Quantity and Quality Issues
- Stormwater Quantity Issues
- Stormwater Quality Issues
- Non-Point Source Pollution Prevention
- Non-Stormwater Discharge Elimination

CATEGORY:
Potable Water/Fire Suppression System

CRITERIA:

High — Rating — *Low*

- Fire Suppression: Pressure and Capacity
- Domestic Water Supply: Quality
- Domestic Water Supply: Capacity
- Reliability and Performance Improvements: Breaks and Leaks
- Reliability and Performance Improvements: Materials

HOW WILL THIS PLAY OUT?

PROJECT PRIORITIZATION EXAMPLE

WHAT IF...

...**three neighborhood projects** have been proposed and the Public Works Department needs to identify which one offers the **greatest benefits** to prioritize available resources?

APPLY THE TOOL!

1. **Rate** each project
   Give all applicable points across all 11 categories
2. **Multiply** each category's raw score by its **weight factor**
3. **Sum** all category totals to get the **project total**
4. Compare and **prioritize** total scores for all projects

EXAMPLE PROJECTS



A Public Safety Project

Description

Water system upgrade for **fire suppression**, including retrofit **bioretention swales** along roads while already doing construction in the neighborhood.

Points

Categories Addressed by Project	Criterion	Rating	X Category Weight	= Category Score
Potable Water/Fire Suppression	Fire Suppression: Pressure and Capacity	10	100%	10.0
Rain Driven Stormwater Management	Stormwater Quality Issues	8	84%	6.7

Total

Total Score: **16.7**



B Stormwater Project

Description

Blue-green infrastructure retrofit on green space with aesthetic enhancements and public education.

Points

Categories Addressed by Project	Criterion	Rating	X Category Weight	= Category Score
Rain Driven Stormwater Management	Stormwater Quantity and Quality Issues	10	84%	8.4
Aesthetics	Public open space/ parks	10	36%	3.6
Environmental Benefits	Opportunity for natural system education and interpretation	5	68%	3.4

Total

Total Score: **15.4**



C Road Replacement

Description

Routine road replacement (condition) along with retrofit **blue-green infrastructure** along the roadway.

Points

Categories Addressed by Project	Criterion	Raw Rating	X Category Weight	= Category Score
Road Condition Maintenance	Local Commercial	8	41%	3.3
Rain Driven Stormwater Management	Stormwater Quality Issues	8	84%	6.7

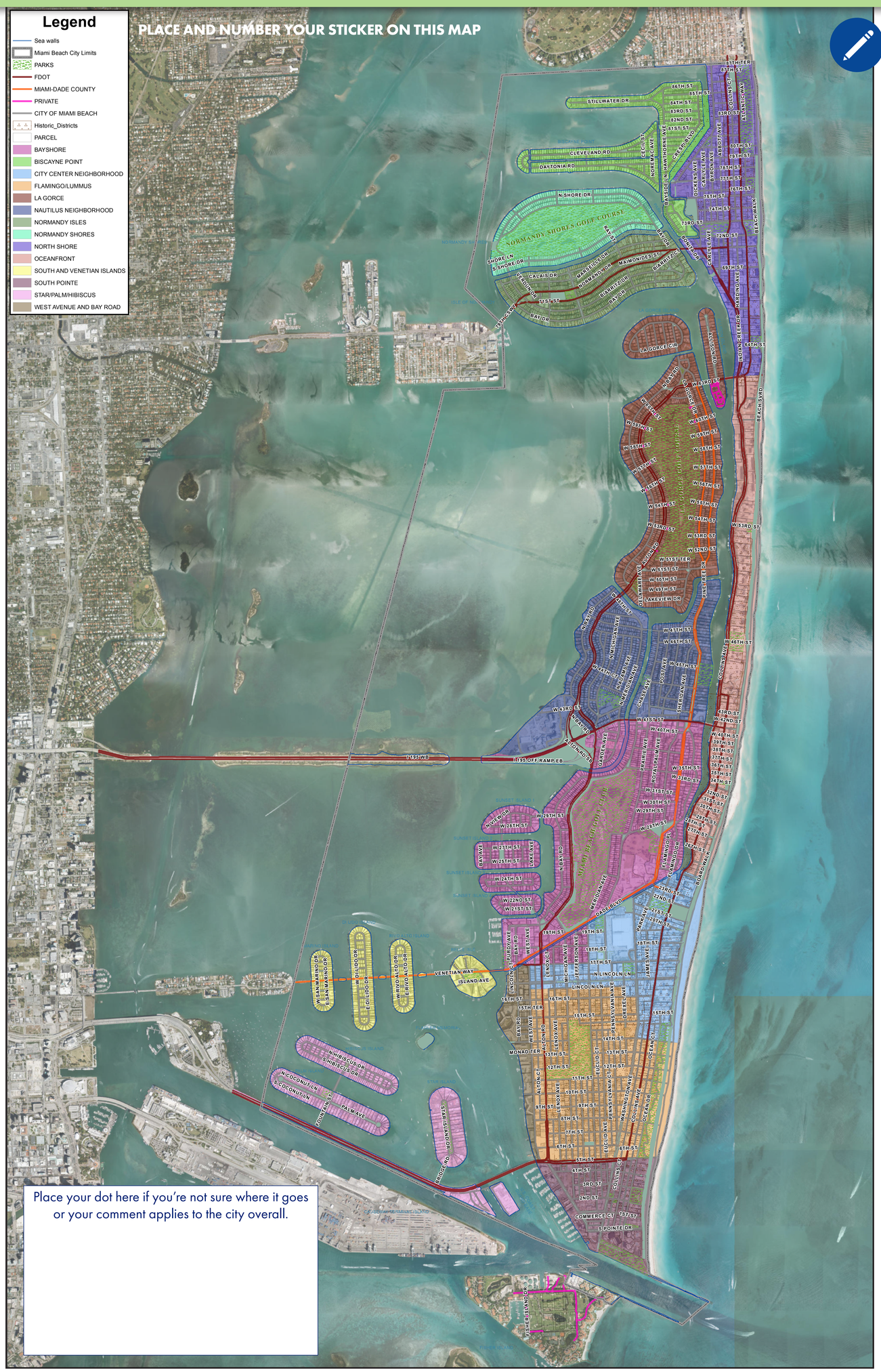
Total

Total Score: **10.0**

Project A got the **highest total score** because it addresses critical needs and offers multiple benefits,including benefits in high-priority categories

WHAT'S HAPPENING IN YOUR NEIGHBORHOOD?

Is there a certain spot in your neighborhood where you know there's an issue? A place you think would be perfect for a project? We want to know! Place a sticker on that spot, write your thought on the next available line, and write the corresponding number from that line on your sticker.



WRITE YOUR COMMENT HERE

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Jacobs

MIAMIBEACH RISING ABOVE

Appendix C
Individual Needs Summary

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Active CIP	197	South Pointe	Beachwalk Phase II	Completing paver path connection in South Beach, removing invasive dune vegetation with native dune enhancements, landscaping, irrigation	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	198	City Center	Middle Beach Recreational Corridor Phase 3	Walkway constructed along the west side of the coastal dunes, non-native dune vegetation removed and replaced with dune enhancements, path lighting	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	199	North Shore	Brittany Bay Park and Seawall	Incorperating structural seawall with a living shore line, removal of invasive exotic trees and plants along the seawall	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	200	Biscayne Point	Crespi Kayak Launch	Install a new kayak launch, remove invasive vegetation and replenish mangroves, provide walkways, install environmental signage	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	201	Flamingo/Lummus	Bike Paths	Create protected bike lanes, painting existing bike lanes green	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	202	Flamingo/Lummus	Espanola Way Bollard Installation	Bollards to be installed for safety purposes	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	203	City Wide	Lifeguard Towers	Construction of towers	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	204	Normandy Isles	Normandy Isle Phase II	Lighting improvements, installation of 5 new pedestrian street lights	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	205	West Avenue and Bay Road	West Avenue Bridge	Pedestrian bridge to be constructed at Lincoln Court over the Collins Canal	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	206	North Shore	Altos Del Mar Park	New park with facilities, eco friendly landscaping and irrigation	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	207	Biscayne Point	Biscayne Beach Additional Parking	Appears duplicated below ("Surface lot at Biscayne Beach")	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	208	City Center	Carl Fisher Clubhouse Restoration. 2100 Washington Avenue, Miami Beach, FL	New air conditioning, electrical power, fire alarm, lighting and plumbing systems. Exterior: fine grading, landscaping, FPL conduit installation, irrigation and walkways, as well as installation of site furnishings	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	209	City Center	Collins Park Garage. Liberty Avenue to Park Avenue along 23rd Street	Construction of multi-story structure, g	no	Duplicate
Active CIP	210	Bayshore	Community Park	New park with facilities	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	211	City Center	Convention Center Park	New park with facilities	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	212	Bayshore	Maurice Gibb Park Redesign	Soil and groundwater assessment and remediation-->new plant material, re-grade existing soil, address irrigation systems, replace playground structures, and add a fitness circuit, update signage, update trash receptacles and benches	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	213	Normandy Isles	Normandy Isle Park Turf Replacement	Installation of artificial turf and any other improvements needed	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	214	North Shore	North Shore Park Tennis Facility	Enclosing the building and adding air conditioning, relocating pipes, conduits and concrete elements to improve the exterior appearance of the building façade, upgrading the security, electrical, and mechanical systems	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	215	Flamingo/Lummus	P16 Parking Garage	Design of new parking facility with structural, civil, electrical, mechanical, and plumbing design and construction of said structure	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	216	North Shore	P86 Surface Lot	Spot repairs to the sub-base & milling and resurfacing of the asphalt, landscaping & irrigation upgrades	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	217	Normandy Isles	Rue Vendome Public Plaza	Raising Rue Vendome to create a level, accessible public plaza. Traffic signalization adjustments, construction of the public plaza, landscaping, lighting and other necessary improvements	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	218	Nautilus	W 42 Sheridan Street to Pine Tree Druve Reconfiguration	Complete reconstruction of all asphalt pavements, reconfiguration of 42 street from one way to two way	no	Project Completed
Active CIP	218	Oceanfront	W 42 Sheridan Street to Pine Tree Druve Reconfiguration	Complete reconstruction of all asphalt pavements, reconfiguration of 42 street from one way to two way	no	Project Completed
Active CIP	219	South Pointe	1 Street between Alton Road and Washington Avenue	Complete roadway reconstruction, elevation of the roadway to a minimum 3.7 NAVD elevation, utility removal/replacement, storm sewer trunk line installation, pump station construction, force main installation, landscaping, lighting, drainage improvements	no	Project in Design or Construction
Active CIP	220	Biscayne Point	11th Street from east of Euclid Avenue to west of Jefferson Avenue	Infrastructure: New water main, installation of new storm water drainage system, replacement of sanitary sewer system, new street light and signalizations, improvements to Sanitary Sewer Pump Station #1. Roadway: reconstruction, pavement markings and signage, landscapng, elevation and swale harmonization	no	Project Completed
Active CIP	220	Flamingo/Lummus	11th Street from east of Euclid Avenue to west of Jefferson Avenue	Infrastructure: New water main, installation of new storm water drainage system, replacement of sanitary sewer system, new street light and signalizations, improvements to Sanitary Sewer Pump Station #1. Roadway: reconstruction, pavement markings and signage, landscapng, elevation and swale harmonization	no	Project Completed

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Active CIP	221	Lower North Bay Road	Central Bayshore South	Infrastructure: New water main, interconnected drainage system to include new piping, catch basins, and manholes, new stormwater pump station, replacement of fire hydrant assemblies. Roadway: complete reconstruction of all asphalt pavements, raising roadbed and minimum road crown elevations, driveway harmonization, multi-use bike path	no	Project Completed
Active CIP	221	South Pointe	Central Bayshore South	Infrastructure: New water main, interconnected drainage system to include new piping, catch basins, and manholes, new stormwater pump station, replacement of fire hydrant assemblies. Roadway: complete reconstruction of all asphalt pavements, raising roadbed and minimum road crown elevations, driveway harmonization, multi-use bike path	no	Project Completed
Active CIP	222	Normandy Shores	Fairway Park (Artificial Turf Soccer Field, Drainage and Playground Replacement)	Installing drainage to eliminate flooding, replace the playground, safety surface and shade structure, new artificial soccer field	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	223	Flamingo/Lummus	Flamingo Park Master Plan Improvements	Lighting enhancements, signage and entry features, replacement of existing chain-link fence with estate fencing, drainage work, irrigation and landscaping, furniture, additional bike racks and multi-use paths, new basketball bleachers, utility coordination, sidewalk widening and renovated pedestrian walkways between park attractions, creating a central plaza	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	224	Bayshore	Indian Creek Drive Flooding Mitigation Project	Storm water drainage improvements, partially restoring the roadway and sidewalk, rebuilding and raising the roadway, new signage and pavement markings, new street lighting	no	Project Completed
Active CIP	224	Oceanfront	Indian Creek Drive Flooding Mitigation Project	Storm water drainage improvements,	no	Duplicate
Active CIP	225	La Gorce	La Gorce	Infrastructure: New stormwater drainage system, new pump stations, replacing water mains and service connections, sanitary sewer work and relocating service connections to front of properties. Roadway: elevation, new curb, gutter and sidewalk at new elevation, harmonizing the roadway to driveways, new signage and pavement markings, new street lighting, adding a bike lane	yes	N/A
Active CIP	226	South Pointe	Lot P2 at Ocean Drive and 1 Street (Nikki Beach)	Storm water drainage improvements, paving and grading, layout reconfiguration and pavement markings, landscaping and irrigation, turtle-friendly lighting upgrades, ADA upgrades, electric car charging stations	no	Project Completed
Active CIP	227	Palm & Hibiscus	Palm and Hibiscus Islands Right of Way Improvements	New water main, new storm water drainage system and pump stations, lining of sanitary sewer main, overhead utility undergrounding	no	Project Completed
Active CIP	228	Sunset Islands	Sunset Islands III and IV	Infrastructure: sanitary sewer lining, new water main and electric water meters, new storm water drainage system and pump stations, cleaning and lining of the existing drainage outfalls, overhead utility undergrounding, new conduits, wire and service point for the existing street lights. Roadway: reconstruction, concrete valley gutter, sidewalks extension, brick paver speed tables, pavement marking and signage, tree planting, driveway and swale harmonization	no	Project Completed
Active CIP	229	Biscayne Point	Surface Lot at Biscayne Beach	Construction of new parking lot with 25-30 spaces. Improvements for storm water drainage as well as for landscape and addition of lighting	no	Project does not incorporate a structural change to water-resources related infrastructure
Active CIP	230	Venetian Islands	Venetian Islands Right of Way Improvements	6 new pump stations, replacing water mains and services, new stormwater drainage system and pump stations, lining sanitary serwer main lines, reconstructing roadway, replacing sidewalks and installing ramps, concrete valley gutter, new pedestrian lighting, landscaping	no	Project Completed
Active CIP	231	North Shore	72 Street Park & Parking Structure	TBD	no	Project Completed
Active CIP	232	City Center	Collins Park Performing Arts Venue	TBD	no	Project Completed
Active CIP	233	Flamingo/Lummus	Flamingo Park - Phase II	TBD	no	Project Completed
Active CIP	234	Flamingo/Lummus	Flamingo Park - Phase III	TBD	no	Project Completed
Active CIP	235	City Center	Lincoln Road Redevelopment Project	TBD	no	Project in Construction
Active CIP	235	Flamingo/Lummus	Lincoln Road Redevelopment Project	Lincoln Road between Collins Avenue and Lenox Avenue; Meridian, Drexal and Pennsylvania Avenues between Lincoln Road and 17th Street	no	Project in Construction
Active CIP	236	Bayshore	Mid Beach Community Park (Par 3)	TBD	no	Project Completed
Active CIP	236	Oceanfront	Mid Beach Community Park (Par 3)	Park Improvement Project	no	Project Completed

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Active CIP	237	North Shore	North Beach Ocean Side Park Renovation	Lighting: expansion and enhancement of the pathway network, new pedestrian scale lighting, design and construction of the final section of the City's beachwalk, new gateways and signage. Planting: revitalize lawns, tree pruning for visibility, removal of invasive plants, diversify native plant palate, redefine conservation areas. Other: new shade structures, refurbished restroom facilities, refurbished picnic shelters	no	Project Completed
Active CIP	239	Bayshore	Pocket Park at 20 Street & Sunset Drive	TBD	no	Project Completed
Active CIP	240	Biscayne Point	Shared Path on Parkview Island Park (73-77 streets)	TBD	no	Project Completed
Active CIP	241	Bayshore	Sunset Islands 1 & 2 Guardhouse	TBD	no	Project Completed
Active CIP	242	North Shore	Tent (Canopy) for the North Shore Bandshell	TBD	no	Project Completed
Active CIP	243	Flamingo/Lummus	West Avenue Phase II	Storm water drainage system, including a pump station at the western street end of Lincoln Road. Fire hydrants, Sanitary sewer main, Water main and service lines, Elevating the roadway, Constructing new curb, gutter and sidewalks, Installing new crosswalk, pavers at various intersections, Installing new signage and pavement markings, Installing new protected bicycle lanes along West Avenue, Installing new street and pedestrian lighting and traffic signals, Rebuilding Alton Court between Lincoln Road and 16 Street, Harmonizing the new roadway elevation to existing driveways, Constructing a section of the Baywalk and seawall at the Lincoln Road street end, Installing some new landscaping on the corridor	no	Project in Design or Construction
Active CIP	243	West Avenue and Bay Road	West Avenue Phase II	Storm water drainage system, including a pump station at the western street end of Lincoln Road. Fire hydrants, Sanitary sewer main, Water main and service lines, Elevating the roadway, Constructing new curb, gutter and sidewalks, Installing new crosswalk, pavers at various intersections, Installing new signage and pavement markings, Installing new protected bicycle lanes along West Avenue, Installing new street and pedestrian lighting and traffic signals, Rebuilding Alton Court between Lincoln Road and 16 Street, Harmonizing the new roadway elevation to existing driveways, Constructing a section of the Baywalk and seawall at the Lincoln Road street end, Installing some new landscaping on the corridor	no	Project in Design or Construction
Active CIP	N/A	Sunset Harbor	Sunset Harbor	Blue Green Infrastructure	no	Project does not incorporate a structural change to water-resources related infrastructure
AECOM SW MP	A50	Allison Island	Allison Island North 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A51	Allison Island	Allison Island South 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A52	Bayshore	Bayshore South 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A53	Venetian Islands	Belle Isle 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A54	Biscayne Point	Biscayne Beach 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A55	Bayshore	Central Bayshore 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A56	Bayshore	Central Bayshore South 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A57	City Center	City Center 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A58	La Gorce	East La Gorce & Pinetree 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A59	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A60	Oceanfront	Indian Creek Parkway 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A61	La Gorce	La Gorce 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A62	La Gorce Island	La Gorce Island 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A63	Nautilus	Middle North Bay & Nautilus 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A64	Normandy Isles	Normandy Isle South 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A65	Normandy Shores	Normandy Shores 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A66	North Shore	North Shore & Town Center 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A67	Oceanfront	Ocean Front 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A68	Nautilus	Orchard Park 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A69	Biscayne Point	Park View Island 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A70	South Pointe	South Pointe 2019-0	Stormwater Improvements	yes	N/A
AECOM SW MP	A71	Star & Terminal Island	Star Island 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A72	Star & Terminal Island	Star South 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A73	Sunset Islands	Sunset Island No. 1 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A74	Sunset Islands	Sunset Island No. 2 2019-06	Stormwater Improvements	yes	N/A
AECOM SW MP	A75	Allison Island		Stormwater Improvements	yes	N/A
AECOM SW MP	A76	Biscayne Point		Stormwater Improvements	yes	N/A
Blueways MP	58	Oceanfront	27th Street Waterfront Area	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.	yes	N/A
Blueways MP	59	Oceanfront	40th Street and Indian Creek Street Side	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.	yes	N/A
Blueways MP	60	Bayshore	Chase Avenue Parking Lot	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.	yes	N/A
Blueways MP	61	Bayshore	Collins Canal	1. Improved Pedestrian Crosswalk and	no	Duplicate
Blueways MP	61	Oceanfront	Collins Canal	1. Improved Pedestrian Crosswalk and connection. 2. Side-tie Day-use boat/kayak dock 3. Managed Living Shoreline enhancements 4. Connection to Collins Canal Multi-Use Path	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Blueways MP	62	Biscayne Point	Crespi Street End Pocket Parks	Residential pocket park utilizing street end and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	62	North Shore	Crespi Street End Pocket Parks	Residential pocket park utilizing street end and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	63	Oceanfront	Indian Beach Park	TBD	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	64	La Gorce	La Gorce Street End	Renovating existing open spaces to enhance the communities water access.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	65	La Gorce	La Gorce Vacant Corner	Renovating existing open spaces to enhance the communities water access.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	66	Bayshore	Lake Pancoast	1. Day-Use Dock, 2. Improved crosswalks at intersections 3. Sidewalk with protective barrier along roadway, 4. Elevated pedestrian boardwalk promenade, 5. Managed living shoreline enhancements, 6. Site furniture: seating, trash recycling receptacles, bike storage and lighting	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	66	Normandy Isles	Lake Pancoast	1. Day-Use Dock, 2. Improved crosswalks at intersections 3. Sidewalk with protective barrier along roadway, 4. Elevated pedestrian boardwalk promenade, 5. Managed living shoreline enhancements, 6. Site furniture: seating, trash recycling receptacles, bike storage and lighting	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	66	Oceanfront	Lake Pancoast	1. Day-Use Dock, 2. Improved crosswalks at intersections 3. Sidewalk with protective barrier along roadway, 4. Elevated pedestrian boardwalk promenade, 5. Managed living shoreline enhancements, 6. Site furniture: seating, trash recycling receptacles, bike storage and lighting	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	67	Flamingo/Lummus	Lincoln Road Street End	Proposed improvements within the South Beach District include modifications to existing landmarks like Monument Island and South Pointe Park.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	67	West Avenue and Bay Road	Lincoln Road Street End	Proposed improvements within the South Beach District include modifications to existing landmarks like Monument Island and South Pointe Park.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	68	South Pointe	Miami Beach Marina	Improved additional access to water fr	no	Duplicate
Blueways MP	69	Venetian Islands	Monument Island	1. Water taxi stop, 2. Day-use dock, 3. Planned vegetation enhancements, 4. Crushed shell/gravel pathway, 5. Shoreline stabilization, 6. Beach improvements, including day picnic sites, and trash/recycling receptacles	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	70	Nautilus	Mount Sinai South Open Space	Proposed improvements within the Mi	no	Duplicate
Blueways MP	71	Normandy Isles	Normandy Isle Street End	Proposed improvements wihin the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to the water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	72	Normandy Shores	Normandy Shores Park	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	73	Normandy Shores	Normandy Shores Street End	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	74	Nautilus	North Bay Street End (North Bay Road)	Proposed improvements within the North and Middle Beach Districts include renovating existing open spaces to enhance the communities water access.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	75	Nautilus	North Bay Street End (West 23rd Street)	Proposed improvements within the North and Middle Beach Districts include renovating existing open spaces to enhance the communities water access.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	76	North Shore	North Beach Police Sub-Station Park and Launch	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	77	Normandy Isles	North Beach Waterfront Street End (Bay Drive)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	77	North Shore	North Beach Waterfront Street End (Bay Drive)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	78	Normandy Shores	North Beach Waterfront Street End (Hagen Street)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	79	Normandy Shores	North Beach Waterfront Street End (Jones Street)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	80	Biscayne Point	North Beach Waterfront Street End (North Henedon Avenue)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Blueways MP	81	Normandy Isles	North Beach Waterfront Street End (North Rue Granville)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	82	Normandy Isles	North Beach Waterfront Street End (North Rue Notre Dame)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	83	Normandy Shores	North Beach Waterfront Street End (North Shore Drive)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	83	North Shore	North Beach Waterfront Street End (North Shore Drive)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	84	Normandy Shores	North Beach Waterfront Street End (Ray Street)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	85	Normandy Isles	North Beach Waterfront Street End (Rue Bordeaux Drive)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	86	Normandy Isles	North Beach Waterfront Street End (Rue Versailles Drive)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	87	Biscayne Point	North Beach Waterfront Street End (South Henedon Avenue)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	87	Normandy Shores	North Beach Waterfront Street End (South Henedon Avenue)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	88	Normandy Isles	North Beach Waterfront Street End (South Rue Granville)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	89	Normandy Isles	North Beach Waterfront Street End (South Rue Notre Dame)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	90	Normandy Isles	North Beach Waterfront Street End (Trouville Esplanade)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	91	Normandy Shores	North Beach Waterfront Street End (Vardon Street)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	91	North Shore	North Beach Waterfront Street End (Vardon Street)	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	92	Biscayne Point	Parkview Island Waterfront Street End	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	92	North Shore	Parkview Island Waterfront Street End	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	93	North Shore	Parkview Park Annex	Proposed improvements within the No	no	Duplicate
Blueways MP	94	North Shore	Shane Boating Center	Proposed improvements within the North Beach District include the creation of residential pocket parks utilizing street ends and providing access to water.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	95	South Pointe	South Beach Street End	1. Water Taxi Stop, 2. Day-Use Dock, 3. Drop-Off Area, 4. Viewing/Seating Area with site furniture: benches, trash/recycling receptacles, bike storage, and lighting, 5. Improved pedestrian connectivity	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	95	West Avenue and Bay Road	South Beach Street End	1. Water Taxi Stop, 2. Day-Use Dock, 3. Drop-Off Area, 4. Viewing/Seating Area with site furniture: benches, trash/recycling receptacles, bike storage, and lighting, 5. Improved pedestrian connectivity	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	96	South Pointe	South Beach Street End (Bay Road)	Proposed improvements within the Mi	no	Duplicate
Blueways MP	96	West Avenue and Bay Road	South Beach Street End (Bay Road)	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.	yes	N/A
Blueways MP	97	Bayshore	Sunset Lake	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.	no	Project does not incorporate a structural change to water-resources related infrastructure
Blueways MP	97	Sunset Islands	Sunset Lake	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
GO Bond	1	North Shore	Library and Acquatic Center	Build new facility at 72nd Street between Collins Avenue and Harding Avenue that includes new recreational park space, roof-top competition pool, library/media center, fitness gym with running track, and parking garage.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	2	City Center	Collins Park	New pavers for walkways and plaza throughout the park located at 2100 Collins Avenue, to improve aesthetics and reduce ongoing repairs and maintenance.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	3	Biscayne Point	Crespi Park	Implement various improvements to the park at 7801 Crespi Boulevard, including a new walking/jogging path, fence replacement, and new paint and flooring to the building and restrooms.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	4	Normandy Shores	Fairway Park	Implement various improvements to the park located at 200 Fairway Drive, including fence replacement and painting of the pavilion, office, and restrooms.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	5	Flamingo/Lummus	Flamingo Park	Replace Recreation Center (PAL) at 1200 Meridian Avenue with a new 30,000 square foot facility including a basketball gym, indoor running track, fitness center, locker rooms, community meeting rooms, classrooms, master plan improvements and resiliency enhancements.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	6	La Gorce	Fisher Park	Playground replacement at the park located at Lakeview Drive and Alton Road.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	7	La Gorce	La Gorce Park	Playground replacement at the park located at 6421 Alton Road.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	8	Flamingo/Lummus	Lummus Park	Improvements to park located at 1130	no	Duplicate
GO Bond	9	South Pointe	Marjory Stoneman Douglas Park	Implement various improvements to park located at Ocean Drive and 2nd Street, including playground replacement, sidewalk upgrade, quick release shade structure, and turtle-friendly lighting.	yes	N/A
GO Bond	10	Bayshore	Maurice Gibb Park	Improve park located at 18th Street and Purdy Avenue, including soil remediation, new landscaping, irrigation, signage, benches, playground replacement, fitness circuit, and resiliency elements.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	10	Sunset Harbor	Maurice Gibb Park	Improve park located at 18th Street and Purdy Avenue, including soil remediation, new landscaping, irrigation, signage, benches, playground replacement, fitness circuit, and resiliency elements.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	11	Nautilus	Muss Park	Install artificial turf at park located at 4300 Chase Avenue, to improve field availability and reduce grounds maintenance services.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	12	North Shore	Oceanside Park Beachwalk	Complete the final link in the Beachwalk from South Pointe to the northern boundary of the city by extending the Beachwalk from 79th to 87th Street.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	13	North Shore	Northshore Park & Youth Center	Improve North Shore Park and Youth Center located at 501 72nd Street, including: addition of two baseball fields, emergency generator, playground replacement, baseball field conversion to artificial turf and lighting upgrades, roof replacement, new walking/jogging path, and security cameras.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	14	Palm & Hibiscus	Palm Island Park	Implement improvements to park located at 159 Palm Avenue, including playground replacement and quick release shade structure.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	15	Bayshore	Park 3/Community Park	Develop new park at 2795 Prairie Avenue, with elements such as: lake, overlooks, and ampitheater; tennis courts; playground; vita course & trail system; environmental remediation; and resiliency components.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	16	Nautilus	Pinetree Park	Implement various improvments to park located at 45th Street and Pine Tree Drive, including: kayak launch renovation/replacement, sidewalk improvements, tree planting, and fencing replacement.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	17	Nautilus	Polo Park	Implement various baseball facility improvements to park located at 4301 North Meridian Avenue, including new dugouts, irrigation, and fencing.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	18	Bayshore	Scott Rakow Youth Center	Improve Scott Rakow Youth Center located at 2700 Sheridan, including: roof replacement, renovations to pool facilities, basketball floor replacement, window replacements, emergency generator, HVAC replacement, and security cameras.	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
GO Bond	19	City center	SoundScape Park	Improve public amenities for park located at 400 17th Street, including a permanent restroom/storage facility and the upgrade of projectors, cameras, and servers to 4K ultra-high definition resolution to enhance the delivery of free cultural activities.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	20	South Pointe	South Pointe Park	Implement various improvements to park located at South Pointe Drive and Washington Avenue, including playground replacement, restroom renovation, and tree planting.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	21	Biscayne Point	Stillwater Park	Implement various improvements to park located at 8440 Hawthorne Avenue, including fence replacement and new paint and flooring to building and restrooms.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	22	North Shore	Tatum Park	Complete various improvements to the park located at 8050 Byron Avenue, including addition of a water playground structure, replacement of restrooms, and fence replacement.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	23	West Avenue and Bay Road	Baywalk	Provide a continuous pedestrian path along Biscayne Bay from Government Cut to Lincoln Road, by connecting the gaps in the existing public Baywalk, including pedestrian brdige connection over 5th Street.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	24	City Center	Middle Beach Beachwalk 23rd to 45th	Construct on-grade pedestrian walkway and demolish the existing wooden boardwalk between 23rd Street to 45th Street.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	25	Bayshore	Waterway Restoration (Waterways Dredging - Citywide)	Leverage grant funding from NOAA and the Florida Inland Navigation District for dredging of waterways, removal of invasives along shorelines, and permitting/trimming of vegetation impacting navigation.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	26	City Center	Roof Replacement for Cultural facilities	Replace roofs to avoid water intrusion and other negative impacts at cultural facilities, including the Bass Museum, Miami City Ballet, and Colony Theater.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	26	Flamingo/Lummus	Roof Replacement for Cultural facilities	Replace roofs to avoid water intrusion and other negative impacts at cultural facilities, including the Bass Museum, Miami City Ballet, and Colony Theater. Only selected facilities noted for this layer until a more complete list is provided to the team. Colony Theater building footprint encompassed by entire block, so used parcel for that facility.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	27	North Shore	Log Cabin Reconstruction	Reconstruct and restore log cabin for community use previously located at 8128 Collins Avenue.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	28	Flamingo/Lummus	Art Deco Museum Expansion	Expand the Art Deco Museum at 1001 Ocean Drive, to build and curate a flexible space capable of accommodating different configurations for the permanent collection and temporary exhibits.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	29	North Shore	West Lots Redevelopment	Create cohesive and vibrant parks and/or recreational space as part of the redevelopment of city-owned property known as the "West Lots" consisting of 8 blocks located in North Beach on the west side of Collins Avenue across from North Beach Oceanside Park.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	30	North Shore	Skate Park	Enhance the temporary skate park located on Collins Avenue between 82nd and 83rd Street by adding all-wheels track and other additional park elements.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	31	Flamingo/Lummus	Ocean Drive Improvement Project	Pedestrianize Ocean Drive from 5th to 15th streets by eliminating the sidewalks and curbs to create an "at grade" profile with pavers and decorative design patterns. There is a Sidewalks polygon shapefile, which may be the best reference for this project. ROW would be useful as well, as the Sidewalk polys appear to be created from a raster and are clean in appearance.	yes	N/A
GO Bond	32	Palm & Hibiscus	Palm & Hibiscus Neighborhood Enhancements	Improve landscaping along Palm Avenue, portions of Foundain Street (not water front), Palm Avenue median and other areas.	no	Project Completed
GO Bond	33	South Pointe	Street Tree Master Plan	Implement Street Tree Master Plan by planting 3,500 to 5,000 trees to provide canopy coverage and shade, while also providing additional stormwater treatment and storage capacity.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	34	South Pointe	Above Ground Improvements (Neighborhood Abe Ground Improvements - Citywide)	Beautify and upgrade functional elements associated with neighborhood improvements, such as green and blue infrastructure, lighting, landscaping, and tree canopy as part of the planned Stormwater/Water & Sewer projects.	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
GO Bond	35	Flamingo/Lummus	Flamingo Park Neighborhood Improvements	Beautify and upgrade the Flamingo Park neighborhood, including lighting, landscaping, and tree canopy as part of the planned Stormwater/Water & Sewer projects.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	36	City Center	Washington Ave Corridor	Implement commercial revitalization enhancements for the Washington Avenue corridor, including lighting, landscaping, street renovations, and pedestrian improvements.	yes	N/A
GO Bond	36	Flamingo/Lummus	Washington Ave Corridor	Implement commercial revitalization enhancements for the Washington Avenue corridor, including lighting, landscaping, street renovations, and pedestrian improvements.	yes	N/A
GO Bond	36	South Pointe	Washington Ave Corridor	Implement commercial revitalization enhancements for the Washington Avenue corridor, including lighting, landscaping, street renovations, and pedestrian improvements.	yes	N/A
GO Bond	37	South Pointe	Sidewalk Repair Program	Improve walkability by replacing 25% of the City's sidewalks that are rated at or below marginal per the City's Sidewalk Condition Index.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	38	South Pointe	Street Pavement Program (Citywide)	Enhance the City's pavement condition by resurfacing streets and implementing pavement preservation strategies.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	39	South Pointe	Resilient Seawalls and Living Shorelines	Raise city-owned seawalls to minimum height standard in high priority areas and where feasible, incorporate living seawalls through natural vegetation and habitat enhancement.	yes	N/A
GO Bond	40	Bayshore	41st Street Corridor	Create vibrant commercial revitalization enhancements to the 41st Street corridor, such as lighting, increased tree canopies, sidewalk expansion, and shade structures.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	41	La Gorce	La Gorce Neighborhood Improvements	Beautify and upgrade the La Gorce neighborhood, including lighting, landscaping, and tree canopy as part of the planned Stormwater/Water & Sewer projects.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	42	Palm & Hibiscus	Neighborhood Traffic Calming and Pedestrian-Friendly Streets	Promote pedestrian and bicycle safety by implementing various traffic calming projects in neighborhoods including: Nautilus, Bayshore, Normandy Isle, and Palm View.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	43	Bayshore	Protected Bicycle Lanes and Shared Bike/Pedestrian Paths	Encourage pedestrian and bicycle friendly transportation by creating protected bicycle lanes and shared-use paths including: Chase Avenue from Alton Road to 34th Street, 23rd Street, and 63rd Street.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	44	North Shore	North Shore Neighborhood Improvements	Beautify and upgrade the North Shore neighborhood, including lighting, landscaping, and tree canopy as part of the planned Stormwater/Water & Sewer projects.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	44	Oceanfront	North Shore Neighborhood Improvements	Beautify and upgrade the North Shore	no	Duplicate
GO Bond	45	Flamingo/Lummus	Fire Station #1	Replace Fire Station #1, located at 1051 Jefferson Avenue in South Beach to include the 911 Call Center. This station provides emergency assistance to the area south of 15th Street, Star Island, Palm Island, Hibiscus Island, among other areas.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	46	North Shore	Ocean Rescue North Beach Facility	Replace existing double-wide trailers and provide a permanent, facility within North Beach Oceanside Park to serve as the Ocean Rescue sub-station in North Beach.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	47	City Wide	License Plate Readers (Citywide)	Install License Plate Readers at 26 strategic locations to aid crime-fighting and prevention efforts. Locations include: MacArthur Causeway, Julia Tuttle Causeway, Espanola Way, 41st Street, Normandy Drive, Dade Boulevard, Alton Road, 5th Street, 17th Street, 63rd Street, 71st Street, and 87th Street.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	48	Flamingo/Lummus	Police Headquarters Improvements	Renovate Police Headquarters at 1100 Washington Avenue, to include upgrades of the fire alarm and sprinkler systems, generators, HVAC systems, electrical systems, and the indoor shooting range used by police officers for training and safety certification.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	49	South Pointe	Replace Public Safety Radio System (Citywide)	Replace the City's end-of-life system with a new radio system, to be used by police, fire and public safety officers to communicate with eachother, and with other agencies, when responding to emergency calls or in the field.	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
GO Bond	50	City Wide	Security Cameras in Business Districts	Enhance public safety along primary city business corridors by adding 80 security cameras at: Alton Road - 5th to Michigan Avenue and along Dade Boulevard to Washington Avenue 41st Street - Alton Road to Collins Avenue 71st Street - Bay Drive to Collins Avenue	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	51	Oceanfront	Replace Fire Station #3	Replace Fire Station #3, located at 5303 Collins Avenue. This station provides emergency assistance to Mid-Beach, from 41st Street to 67th Street, and houses several special operations teams (such as the City's hazmat team).	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	52	City Wide	LED Lighting in Parks	Upgrade sports and pathway lighting to LED technology to improve illumination of areas and reduce energy costs at the following parks: Flamingo Park, North Shore Park & Youth Center, Normandy Isle Park, Tatum Park, Stillwater Park, and Crespi Park.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	53	City Wide	Security for Public Spaces	Install protective bollard systems to safeguard pedestrians and special event venues at: Miami Beach Convention Center, Lincoln Road, Ocean Drive, SoundScape Park. Combination of polygons from the ROW and Parks shapefiles in order to depict the locations identified in the project description	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	53	South Pointe	Security for Public Spaces	Install protective bollard systems to safeguard pedestrians and special event venues at: Miami Beach Convention Center Lincoln Road Ocean Drive SoundScape Park South Pointe Park	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	54	Bayshore	Marine Patrol Facility	Replace the existing marine patrol facility at Maurice Gibb Park to relocate the Fire Patrol Boat from North Beach, to a more central location to improve response times to emergency calls.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	55	City Wide	Street Lighting Improvements (Citywide)	Implement citywide street lighting program using energy efficient LED lights, to increase lighting levels and improve security.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	56	City Center	Security Cameras on Beach Walk	Enhance security for residents and visitors along the Beach Walk from 14th Place to 23rd Street by adding 15 security cameras.	no	Project does not incorporate a structural change to water-resources related infrastructure
GO Bond	57	Flamingo/Lummus	Security Cameras in Entertainment District	Improve public safety in the Entertainment District by adding 72 security cameras to the existing 14 cameras. Two cameras would be installed at every intersection of both Collins and Washington Avenues from 5th Street to 17th Street.	no	Project does not incorporate a structural change to water-resources related infrastructure
H&S Sewer System Master Plan	S-05a	Bayshore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Biscayne Point	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	City Center	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	La Gorce	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Lakeview	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Lower North Bay Road	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Nautilus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
H&S Sewer System Master Plan	S-05a	Normandy Isles	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Normandy Shores	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	North Shore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Oceanfront	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Palm and Hibiscus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Venetian Islands	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	South Pointe	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Star and Terminal Island	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Sunset Harbor	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	Sunset Islands	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-05a	West Avenue and Bay Road	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-09	Star and Terminal Island	Force Mains - Capacity	Pump Station 2 new force main. 2022. Install new 16-inch force main (subaqueous crossing). Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A
H&S Sewer System Master Plan	S-10	Palm and Hibiscus	Force Mains - Capacity	Pump Station 4 new force main. 2022. Install new 8-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A
H&S Sewer System Master Plan	S-11	Palm and Hibiscus	Force Mains - Capacity	Pump Stations 4 and 5 new force main. 2022. Install new 12-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A
H&S Sewer System Master Plan	S-12	Lower North Bay Road	Force Mains - Capacity	Pump Station 14 new force main. 2022. Install new 12-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A
H&S Sewer System Master Plan	S-12	Sunset Islands	Force Mains - Capacity	Pump Station 14 new force main. 2022. Install new 12-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A
H&S Sewer System Master Plan	S-13	La Gorce	Force Mains - Capacity	Pump Station 18 new force main. 2022. Install new 10-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A
H&S Sewer System Master Plan	S-14	North Shore	Force Mains - Capacity	Pump Station 23 new force main. 2022. Install new 16-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A
H&S Sewer System Master Plan	S-15	Oceanfront	Force Mains - Capacity	Pump Station 27 new force main. 2022. Install new 16-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
H&S Sewer System Master Plan	S-16	North Shore	Force Mains - Capacity	North Beach new force main interconnect. 2031. Install new 16-inch force main interconnect from interconnection with Bal Harbour to 16-inch force main on Harding Avenue at 85th Street. (Add interconnection between 16-inch parallel force mains.)	yes	N/A
H&S Sewer System Master Plan	S-17	Venetian Islands	Pump Stations - Capacity	Pump Stations 6, 7, and 8 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.	yes	N/A
H&S Sewer System Master Plan	S-18	Venetian Islands	Force Mains – R&R	Venetian Way aerial crossing replacement. 2020. Complete replacement of the aerial crossing. In-kind replacement with aerial crossing except along the draw bridge which will be a subaqueous crossing.	yes	N/A
H&S Sewer System Master Plan	S-19	Nautilus	Force Mains – R&R	Aerial crossing along Pine Tree Drive between West 51st Street and West 47th Street replacement. 2020. Complete replacement of the aerial crossing with a subaqueous crossing.	yes	N/A
H&S Sewer System Master Plan	S-20	La Gorce	Force Mains – R&R	Aerial crossing along Pine Tree Drive between La Gorce Circle and North Bay Road rehabilitation. 2025. Rehabilitate aerial crossing.	yes	N/A
H&S Sewer System Master Plan	S-20	La Gorce Island	Force Mains – R&R	Aerial crossing along Pine Tree Drive between La Gorce Circle and North Bay Road rehabilitation. 2025. Rehabilitate aerial crossing.	yes	N/A
H&S Sewer System Master Plan	S-21	North Shore	Force Mains – R&R	Aerial crossing along 71st Street between Bay Drive and Bonita Drive rehabilitation. 2025. Rehabilitate aerial crossing.	yes	N/A
H&S Sewer System Master Plan	S-22	Flamingo/Lummus	Pump Stations – R&R	Pump Station 1 R&R. 2020. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-23	Star and Terminal Island	Pump Stations – R&R	Pump Station 2 R&R. 2025. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-24	Sunset Islands	Pump Stations – R&R	Pump Station 14 R&R. 2027. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-25	La Gorce	Pump Stations – R&R	Pump Station 15 R&R. 2027. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-26	La Gorce Island	Pump Stations – R&R	Pump Station 18 R&R. 2025. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-27	Oceanfront	Pump Stations – R&R	Pump Station 27 R&R. 2027. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-28	Bayshore	Pump Stations – R&R	Pump Station 28 R&R. 2021. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-29	North Shore	Pump Stations – R&R	Pump Station 29 R&R. 2026. Complete pump station rehabilitation (does not include wet well replacement).	yes	N/A
H&S Sewer System Master Plan	S-30	Star and Terminal Island	Pump Stations – R&R	Pump Station 30 R&R. 2020. Complete pump station rehabilitation (does not include wet well replacement). Installation of a permanent onsite generator to be shared with the Terminal Island Water Booster Station (W-7).	yes	N/A
H&S Sewer System Master Plan	S-31a	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	Flamingo/Lummus	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	La Gorce Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	Normandy Isles	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
H&S Sewer System Master Plan	S-31a	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	Venetian Islands	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	South Pointe	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31a	Star and Terminal Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Biscayne Point	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Flamingo/Lummus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Palm and Hibiscus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Star and Terminal Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31b	Sunset Islands	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31c	Biscayne Point	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31c	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31c	Lower North Bay Road	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31c	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31c	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31c	South Pointe	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31d	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31d	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31d	Lower North Bay Road	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31d	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31d	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31d	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31e	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31e	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31e	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31e	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
H&S Sewer System Master Plan	S-31e	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31e	Palm and Hibiscus	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31e	Star and Terminal Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31f	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31f	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31f	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31f	Normandy Shores	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31f	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31f	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Sewer System Master Plan	S-31f	Sunset Harbor	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.	yes	N/A
H&S Utility R&R	A1	Normandy Shores	WATER AERIAL REHAB 15	WATER AERIAL REHAB 15	yes	N/A
H&S Utility R&R	A13	North Shore	WW PS 19, REHAB	WW PS 19, REHAB	yes	N/A
H&S Utility R&R	A15	Normandy Isles	WW PS 21, REHAB	WW PS 21, REHAB	yes	N/A
H&S Utility R&R	A2	Biscayne Point	Water Aerial Rehab 22	Water Aerial Rehab 22	yes	N/A
H&S Utility R&R	A28	Bayshore	WATER PS 4, 41ST ST	WATER PS 4, 41ST ST	yes	N/A
H&S Utility R&R	A29	Bayshore	WATER AERIAL REHAB 7	WATER AERIAL REHAB 7	yes	N/A
H&S Utility R&R	A3	Biscayne Point	WW PS 24, REHAB	WW PS 24, REHAB	yes	N/A
H&S Utility R&R	A32	Sunset Islands	WW PS 13, REHAB	WW PS 13, REHAB	yes	N/A
H&S Utility R&R	A34	Sunset Islands	WATER AERIAL REHAB 5	WATER AERIAL REHAB 5	yes	N/A
H&S Utility R&R	A35	Sunset Islands	WATER FM AERIAL REPAIR 5	WATER FM AERIAL REPAIR 5	yes	N/A
H&S Utility R&R	A36	Sunset Islands	WATER AERIAL REHAB 6	WATER AERIAL REHAB 6	yes	N/A
H&S Utility R&R	A37	Sunset Islands	WW FM AERIAL REPAIR 6	WW FM AERIAL REPAIR 6	yes	N/A
H&S Utility R&R	A38	City Center	WW PS 11, REHAB	WW PS 11, REHAB	yes	N/A
H&S Utility R&R	A4	North Shore	Water Aerial Rehab 19	Water Aerial Rehab 19	yes	N/A
H&S Utility R&R	A5	Biscayne Point	WATER AERIAL REHAB 21	WATER AERIAL REHAB 21	yes	N/A
H&S Utility R&R	A7	North Shore	WATER AERIAL REHAB 17	WATER AERIAL REHAB 17	yes	N/A
H&S Utility R&R	A8	Biscayne Point	WATER AERIAL REHAB 18	WATER AERIAL REHAB 18	yes	N/A
H&S Water System Master Plan	S-17	Venetian Islands	WW PS 6, REHAB	Pump Stations 8 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.	yes	N/A
H&S Water System Master Plan	S-17	Venetian Islands	WW PS 7, REHAB	Pump Stations 7 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.	yes	N/A
H&S Water System Master Plan	S-17	Venetian Islands	WW PS 8, REHAB	Pump Stations 6 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.	yes	N/A
H&S Water System Master Plan	W-01	Bayshore	Pumping & Storage Facilities – R&R	25th Street Booster Station (W-1) R&R. 2027 Complete booster station rehabilitation.	yes	N/A
H&S Water System Master Plan	W-02	North Shore	Pumping & Storage Facilities – R&R	75th Street Booster Station (W-2) R&R. 2020 Complete booster station rehabilitation.	yes	N/A
H&S Water System Master Plan	W-03	Normandy Isles	Pumping & Storage Facilities – R&R	Normandy Isle Booster Station (W-3) R&R. 2026 Complete booster station rehabilitation.	yes	N/A
H&S Water System Master Plan	W-04	Palm and Hibiscus	Pumping & Storage Facilities – R&R	41st Street Booster Station (W-4) R&R. 2027 Complete booster station rehabilitation.	yes	N/A
H&S Water System Master Plan	W-05	Venetian Islands	Pumping & Storage Facilities – R&R	Belle Isle Booster Station (W-5) R&R. 2020 Complete booster station rehabilitation. Addition of two pumps (total of two duty and one stand-by) including associated electrical and instrumentation and control (I&C) equipment. Construction of a new pump building.	yes	N/A
H&S Water System Master Plan	W-06	Star and Terminal Island	Pumping & Storage Facilities – R&R	Terminal Island Booster Station (W-7) R&R. 2026 Complete booster station rehabilitation. Installation of a permanent onsite generator to be shared with Sewer Pump Station 30. (Cost of generator installation is included in the Sewer System Master Plan and not in this Water Master Plan.)	yes	N/A
H&S Water System Master Plan	W-07	Star and Terminal Island	Pumping & Storage Facilities – Capacity	Byron Ave Booster Station Construction. 2021 Construct new booster station.	yes	N/A
H&S Water System Master Plan	W-12	Star and Terminal Island	Distribution System - Capacity	Capacity – Project 1 (Mac Arthur Causeway). 2022 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-13	Nautilus	Distribution System - Capacity	Capacity – Project 2 (Julia Tuttle Causeway). 2028 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-14	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 1. 2021 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-15	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 2. 2022 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-15	West Avenue and Bay Road	Distribution System - Capacity	Fire Flow – Project 2. 2022 Upsize existing water mains and install new connections.	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
H&S Water System Master Plan	W-16	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 3. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-17	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 4. 2022 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-18	Bayshore	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-18	City Center	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-18	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-18	Lower North Bay Road	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-18	South Pointe	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-19	City Center	Distribution System - Capacity	Fire Flow – Project 6. 2023 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-20	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 7. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-20	Oceanfront	Distribution System - Capacity	Fire Flow – Project 7. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-21	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 8. 2023 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-22	Bayshore	Distribution System - Capacity	Fire Flow – Project 9. 2024 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-22	Nautilus	Distribution System - Capacity	Fire Flow – Project 9. 2024 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-23	City Center	Distribution System - Capacity	Fire Flow – Project 10. 2023 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-24	City Center	Distribution System - Capacity	Fire Flow – Project 11. 2023 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-25	City Center	Distribution System - Capacity	Fire Flow – Project 12. 2023 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-26	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 13. 2021 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-27	Normandy Isles	Distribution System - Capacity	Fire Flow – Project 14. 2024 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-27	North Shore	Distribution System - Capacity	Fire Flow – Project 14. 2024 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-28	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 15. 2022 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-29	South Pointe	Distribution System - Capacity	Fire Flow – Project 16. 2021 Upsize existing water mains and install new connections.	yes	N/A
H&S Water System Master Plan	W-30	Star and Terminal Island	Distribution System - Capacity	Fire Flow – Project 17. 2021 Upsize existing water mains.	yes	N/A
H&S Water System Master Plan	W-36	Venetian Islands	Distribution System - R&R	Replacement of Water Main Aerial Crossings along Venetian Causeway. 2020 Complete replacement of both aerial crossings. Replacement with aerial crossings except along the draw bridge which will be a subaqueous crossing. Increase pipe diameter to 24 inches.	yes	N/A
H&S Water System Master Plan	W-37	Star and Terminal Island	Distribution System - R&R	Rehabilitation of Water Main Aerial Crossings along MacArthur Causeway. 2020 Rehabilitation of both aerial crossings, except for the section of pipe on the south side that is being replaced under an emergency contract.	yes	N/A
H&S Water System Master Plan	W-38	Nautilus	Distribution System - R&R	Distribution Water Main Aerial Crossing along West 41st Street between Meridian Avenue and Chase Avenue Replacement. 2021 Complete replacement of the aerial crossing in-kind.	yes	N/A
H&S Water System Master Plan	W-39	Nautilus	Distribution System - R&R	Water Main Aerial Crossing along West 41st Street between Pine Tree Drive and Indian Creek Drive Replacement. 2021 Complete replacement of the aerial crossing in-kind.	yes	N/A
H&S Water System Master Plan	W-40	North Shore	Distribution System - R&R	Water Main Aerial Crossing along 71st Street between Bay Drive and Bonita Drive Replacement. 2021 Complete replacement of the aerial crossing in-kind.	yes	N/A
H&S Water System Master Plan	W-41	Venetian Islands	Distribution System - R&R	Water Main Aerial Crossing along Alton Road between Chase Avenue and West 34th Street Rehabilitation. 2026 Rehabilitate aerial crossing.	yes	N/A
H&S Water System Master Plan	W-42	La Gorce	Distribution System - R&R	Water Main Aerial Crossing along Biarritz Drive between South Shore Drive and Calais Drive Rehabilitation. 2026 Rehabilitate aerial crossing.	yes	N/A
H&S Water System Master Plan	W-43	La Gorce Island	Distribution System - R&R	Water Main Aerial Crossing along Wayne Avenue Pedestrian Bridge between Wayne Avenue and Tatum Waterway Rehabilitation. 2026 Rehabilitate aerial crossing.	yes	N/A
H&S Water System Master Plan	W-44	La Gorce	Distribution System - R&R	Water Main Aerial Crossings along Alton Road between West 48th Street and Lakeview Drive Rehabilitation. 2026 Rehabilitate aerial crossings.	yes	N/A
H&S Water System Master Plan	W-45a	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
H&S Water System Master Plan	W-45b	Normandy Isles	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45c	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45d	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45e	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45f	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45g	Oceanfront	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45h	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45i	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45k	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45l	Oceanfront	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45m	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45n	City Center	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45o	City Center	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45p	West Avenue and Bay Road	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45q	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45r	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45s	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45t	South Pointe	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45u	Star and Terminal Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45v	Star and Terminal Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45w	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-45x	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46a	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46b	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46c	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46d	Normandy Shores	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46e	La Gorce Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46f	Allison Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46g	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46h	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
H&S Water System Master Plan	W-46i	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46j	Lakeview	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46k	Lower North Bay Road	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46l	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46m	Sunset Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46n	Sunset Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46o	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46p	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46q	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46r	Sunset Harbor	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46s	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46t	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-46u	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47a	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47b	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47c	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47d	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47e	Venetian Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47f	Venetian Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47g	Venetian Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
H&S Water System Master Plan	W-47h	Palm and Hibiscus	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.	yes	N/A
Tidal Flood Adaptation Project	1	Lower North Bay Road	Alton Rd 6	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	2	Biscayne Point	Crespi Blvd	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	3	La Gorce	N Bay Rd 3	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	4	Oceanfront	Collins Ave 3	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	6	North Shore	Byron Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	7	Flamingo/Lummus	Penn Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	8	Nautilus	W 44th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	9	South Pointe	6th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	10	South Pointe	Alton Rd 4	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	11	North Shore	Tatum Waterway Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	12	North Shore	Carlyle Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	13	Biscayne Point	Raymond St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	14	North Shore	Bonita Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	15	Oceanfront	Collins Ave 4	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	16	Normandy Shores	Mitchell St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	17	Normandy Shores	S Shore Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	18	Normandy Isles	Rue Granville 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	19	Normandy Isles	Rue Granville 2	Tidal Flood Adaptation Project	yes	N/A

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Tidal Flood Adaptation Project	20	Normandy Isles	Trouville Esplanade	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	21	Normandy Isles	Marseille Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	22	La Gorce	N Bay Rd 6	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	23	Lakeview	Delaware Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	24	Bayshore	Chase Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	25	Bayshore	Royal Palm Ave 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	26	Bayshore	Prairie Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	27	Flamingo/Lummus	Meridian Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	28	Flamingo/Lummus	Michigan Ave 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	29	Flamingo/Lummus	10th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	30	Bayshore	Royal Palm Ave 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	31	South Pointe	5th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	32	Bayshore	Garden Ave	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	33	Normandy Isles	Rue Versailles	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	34	Normandy Isles	Bay Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	35	North Shore	69th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	36	Allison Island	W Laguna Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	37	La Gorce	N Bay Rd 4	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	38	La Gorce	N Bay Rd 5	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	39	Nautilus	Royal Palm Ave 3	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	40	Nautilus	Michigan Ave 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	41	Nautilus	Mount Sinai Hospital Pr 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	42	Nautilus	Ed Sullivan Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	43	Bayshore	195 Off Ramp	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	44	Normandy Shores	Vardon St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	45	Normandy Shores	N Shore Dr 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	46	Normandy Shores	N Shore Dr 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	47	Normandy Isles	Calais Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	48	Normandy Isles	Biarritz Dr	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	49	La Gorce Island	La Gorce Cir	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	50	Oceanfront	Collins Ave 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	51	La Gorce	N Bay Rd 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	52	Nautilus	N Bay Rd 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	53	City Center	Collins Ave 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	54	Nautilus	Mount Sinai Hospital Pr 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	55	Bayshore	W 29th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	56	Flamingo/Lummus	Alton Rd 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	57	City Center	Alton Rd 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	58	Flamingo/Lummus	Alton Rd 1	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	59	Flamingo/Lummus	Alton Rd 2	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	60	Flamingo/Lummus	Alton Rd 8	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	61	Flamingo/Lummus	5th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	62	Flamingo/Lummus	6th St	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	5a	Nautilus	N Bay Rd 7	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	5b	Nautilus	N Bay Rd 7	Tidal Flood Adaptation Project	yes	N/A
Tidal Flood Adaptation Project	5c	Nautilus	N Bay Rd 7	Tidal Flood Adaptation Project	yes	N/A
Transportation MP	98	Nautilus	SR A1A/ MacArthur Causeway Complete Streets Feasibility Study	Review of design alternatives for exclusive transit lanes and bicycle lanes long MacArthur Causeway (Phase I)	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	99	City Wide	Miami Beach Light Rail/Modern Street Car	Exclusive transit and protected/buffered bicycle lanes (Lane repurposing and/or roadway widening)	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	100	West Avenue and Bay Road	West Avenue Protected Bicycle Lanes	Protected/buffered bicycle lanes (Lane repurposing), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	101	North Shore	73rd Street One Way Protected Bicycle Lanes	Protected/buffered bicycle lanes (Lane repurposing), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	102	North Shore	72nd Street One Way Protected Bicycle Lanes	Protected/buffered bicycle lanes (Lane repurposing), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Transportation MP	103	North Shore	Byron Avenue Protected Bicycle Lanes/Neighborhood Greenway	Protected/buffered bicycle lanes (Lane repurposing) from 73rd Street to 75th Street. Neighborhood Greenway from 75th Street to Hawthorne Avenue. Enhanced crosswalks. Byron Avenue requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non- motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	104	La Gorce	North Bay Road Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	106	La Gorce	51st Street Green Bicycle Lanes	Enhanced (green) Bicycle Lanes	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	107	North Shore	63rd Street: Feasibility Study for Bicycle Alternatives	Multimodal Feasibility Analysis for bicycle and transit alternatives consistent with the Bicycle Pedestrian Master Plan	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	108	South Pointe	SR 907 Bicycle Alternatives Analysis and Implementation	Analysis and implementation of Separated or Protected Bicycle Facilities adjacent to the golf course	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	109	Nautilus	Dade Boulevard Shared Use Path + Road Diet	Feasibility Study and Implementation of Shared Use Path Adjacent to Collins Canal with potential road diet on the eastbound approach between SR 907/Alton Road and Michigan Avenue	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	110	Flamingo/Lummus	Euclid Avenue Protected Bicycle Lanes	Protected Bicycle Lanes from 5th Street to 16th Street. Neighborhood Greenway from 3rd Street to 5th Street.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	111	City Center	Meridian Avenue Bicycle Facilities	Phase I of the Project includes a geometric feasibility analysis for protected bicycle lanes. The analysis also includes a capacity analysis of the Meridian Avenue and 17th Street Intersection (Priority 1A). Phase II of the project includes implementation based on the results of Phase I. Meridian Avenue requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non- motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	112	Bayshore	Meridian Avenue and 28th Street Shared Use Path	Shared Uses Path (Lane repurposing) Enhanced crosswalks. Meridian Avenue and 28th Street require an improvement towards local non-motorized transportation infrastructure connectivity. Promote non- motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	113	La Gorce	La Gorce Drive/Pine Tree Drive Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing) BPMP Page 158	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	114	Flamingo/Lummus	6th Street and Michigan Avenue Bicycle Facilities Analysis	Phase I of the project includes a geometric analysis of the proposed section of the corridor determine what bicycle facilities are appropriate for the corridor. Phase II of the project includes implementation based on the results of Phase I.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	115	South Pointe	SR A1A / 5th Street and SR 907 / Alton Road Intersection Improvements	Provide Enhanced Crosswalks and improved sidewalk crossings.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	120	Oceanfront	SR A1A / Indian Creek Drive Bicycle/Pedestri an Safety Improvements	Safety Improvements	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	123	Normandy Isles	SR 934 / 71st Street / Normandy Drive Safety Improvements	Safety Improvements	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	125	North Shore	85th Street Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	126	Nautilus	Trolly Route: SR 907 / Alton Road SR 112 / 41st Street SR A1A / Indian Creek Drive / Collins Avenue Dade Boulevard Proposed Middle Beach	Trolley Route from Mt. Sinai Medical Center servicing Mid and South Beach	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	130	Bayshore	Middle Beach Intermodal Station	Develop an Intermodal Station to provide multi-modal transfers	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	131	Nautilus	SR 112 / Julia Tuttle Cswy Westbound Ramp	Westbound on ramp to SR 112/ Julia Tuttle from Mount Sinai Hospital	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	132	Flamingo/Lummus	10th Street/11th Street Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks. 10th or 11th Street require an improvement towards local non- motorized transportation infrastructure connectivity. Promote non- motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	132	West Avenue and Bay Road	10th Street/11th Street Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	133	Bayshore	SR 907 / Alton Road and Michigan Avenue's Intersection Improvements	Provide Enhanced Crosswalks. FDOT Project	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	133	Flamingo/Lummus	SR 907 / Alton Road and Michigan Avenue's Intersection Improvements	Provide Enhanced Crosswalks. FDOT Project. Improve multimodal vehicular operations will be pursued at the Intersection of SR 907 / Alton Road AND Michigan Avenue	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	134	City Center	Middle Beach Recreational Corridor	Connect the North and South existing Beachwalk segments	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Transportation MP	136	North Shore	81st Street Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks. 81 Street requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non-motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	137	North Shore	77th Street Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	138	North Shore	Tatum Waterway Drive Neighborhood Greenway	Neighborhood Greenway (Boulevard Markers and Traffic Calming) Enhanced crosswalks. Tatum Waterway Drive requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non- motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	140	Bayshore	Alton Road and North Bay Road Intersection Bicycle Improvements	Intersection Safety Improvements	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	140	Flamingo/Lummus	Alton Road and North Bay Road Intersection Bicycle Improvements	Intersection Safety Improvements. The intersection requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non- motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	141	City Center	16th Street Bicycle Facilities Improvements	Phase I of the project proposes the improvement of the existing Bicycle Lanes by painting them green. Phase II of the project includes the implementation of Protected Bicycle Lanes along the corridor. 16th Street requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non-motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	141	West Avenue and Bay Road	16th Street Bicycle Facilities Improvements	Phase I of the project proposes the improvement of the existing Bicycle Lanes by painting them green. Phase II of the project includes the implementation of Protected Bicycle Lanes along the corridor.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	142	Nautilus	47th Street Enhanced Bicycle Lane	Enhanced (Green) Bike Lane for the corridor, including the portion between Alton Road and North Bay Road.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	143	Nautilus	42nd Street Enhance Bicycle Lanes	Enhanced (Green) Bike Lane for the corridor.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	144	Normandy Isles	Bay Drive Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	145	Bayshore	Royal Palm Avenue Neighborhood Greenway	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	147	South Pointe	South Beach Pedestrian Priority Zones	Designation and formalization of Pedestrian Priority Zones (PPZ)	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	148	West Avenue and Bay Road	17th Street Exclusive transit and protected/buffered bicycle lanes	Evaluation of Exclusive transit and/or protected/buffered bicycle lanes (Lane repurposing and/or roadway widening),	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	149	South Pointe	SR A1A / Collins Avenue / Indian Creek Drive Exclusive transit and protected/buffer ed bicycle lanes	Exclusive transit and protected/buffered bicycle lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	150	City Center	Meridian Avenue Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	150	South Pointe	Meridian Avenue Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	151	North Shore	69th Street Buffered Bicycle Lanes	Buffered Bicycle Lane	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	152	Bayshore	21st Street and 22nd Street/Park Avenue Protected Bicycle Lanes Feasibility Study	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks. 21st & 22nd Street requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non-motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	152	City Center	21st Street and 22nd Street/Park Avenue Protected Bicycle Lanes Feasibility Study	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	153	Oceanfront	63rd Street Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening)	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	154	North Shore	SR 934 / 71st Street / Normandy Drive Exclusive Transit Lanes/ Protected/buffered bicycle lanes	Exclusive Transit Lanes Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	158	Bayshore	Meridian Avenue Bicycle Greenway Analysis	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	158	City Center	Meridian Avenue Bicycle Greenway Analysis	Neighborhood Greenway(Boulevard Markers and Traffic Calming) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Transportation MP	159	City Center	Lincoln Road Shared Space	Shared Space including changes to pavement and various multi-modal accommodations.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	159	Flamingo/Lummus	Lincoln Road Shared Space	Shared Space including changes to pavement and various multi-modal accommodations. Meridian Avenue requires an improvement towards local non- motorized transportation infrastructure connectivity. Promote non-motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	160	City Center	Lincoln Lane North Bicycle Connection/ Neighborhood Greenway	Exploring the various typical sections of the alleyway to create an exclusive bicycle lane or Neighborhood Greenways.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	160	Flamingo/Lummus	Lincoln Lane North Bicycle Connection/ Neighborhood Greenway	Exploring the various typical sections of the alleyway to create an exclusive bicycle lane or Neighborhood Greenways. Lincoln Lane North requires an improvement towards local non- motorized transportation infrastructure connectivity. Promote non-motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	161	Normandy Shores	Fairway Drive Shared-Use Path	Shared-Use Path adjacent to the golf course.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	162	City Center	SR A1A / Collins Avenue Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	163	Bayshore	Prairie Avenue Neighborhood Greenway	Neighborhood Greenway(Sharrow Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	164	Oceanfront	SR A1A Collins Avenue Exclusive transit lanes	Exclusive transit lanes (Lane repurposing)	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	165	City Center	SR A1A Collins Avenue / Indian Creek Drive Exclusive transit and protected/buffered bicycle lanes	Exclusive transit and protected/buffered bicycle lanes (Lane repurposing and/or roadway widening),	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	166	Normandy Isles	SR 934 / 79th Street Causeway Exclusive transit, Shared Uses Path, and protected/buffered bicycle lanes	Exclusive transit, Shared Uses Path, and protected/buffered bicycle lanes (Lane repurposing and/or roadway widening),	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	167	North Shore	Abbott Avenue Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	168	North Shore	77th Street Shared Path	Shared Uses Path(Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	169	North Shore	77th Street Neighborhood Greenway	Neighborhood Greenway(Sharrow Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	170	North Shore	81st Street Neighborhood Greenway	Neighborhood Greenway(Sharrow Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	171	South Pointe	South Pointe Drive Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	172	Flamingo/Lummus	Alton Road Exclusive transit and protected/buffered bicycle lanes	Exclusive transit and protected/buffered bicycle lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	173	Flamingo/Lummus	Washington Avenue Exclusive transit and protected/buffered bicycle lanes	Exclusive transit and protected/buffered bicycle lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	174	Venetian Islands	Venetian Causeway Conventional Bike Lanes	Conventional Bike Lanes(Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	175	La Gorce	SR 907 / Alton Road Exclusive transit lanes	Exclusive transit lanes (Lane repurposing)	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	176	Bayshore	24th Street / Liberty Avenue Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	177	Bayshore	Flamingo Drive Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	178	Normandy Isles	Biarritz Drive Protected/buffered bicycle lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	179	Normandy Isles	Bay Drive Neighborhood Greenway	Neighborhood Greenway(Sharrow Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	180	Biscayne Point	Wayne Avenue Shared Path	Shared Uses Path (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	181	Biscayne Point	Wayne Avenue Shared Path	Shared Path (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	182	North Shore	SR A1A Collins Avenue / Indian Creek Drive / Harding Avenue Exclusive transit lanes and Protected Bicycle Lanes	Exclusive transit lanes (Lane repurposing) and protected Bicycle Lanes along Harding Avenue	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	183	Biscayne Point	Hawthorne Avenue Neighborhood Greenway	Neighborhood Greenway(Sharrow Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	184	Biscayne Point	85th Street Neighborhood Greenway	Neighborhood Greenway(Sharrow Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	185	Bayshore	Pine Tree Drive Protected Bicycle Lanes	Protected/buffered bicycle lanes (Lane repurposing and/or roadway widening) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	186	South Pointe	SR A1A /MacArthur Causeway Light Rail Connection/ Shared-Use Path	Light Rail Connection across the Bay/ Protected Bicycle Lanes (Lane repurposing and/or roadway widening), Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure

Planning Source	Needs Tracking Number	Neighborhood	Location/Description	Additional Details	Included?	Reason for Exclude?
Transportation MP	187	Bayshore	SR 112 / 41st Street Exclusive transit lanes and protected/buffered bicycle lanes	Exclusive transit lanes and protected/buffered bicycle lanes (Lane repurposing) Enhanced crosswalks. SR 112/41st Street requires an improvement towards regional and local connectivity. Improve the speed, reliability, comfort and convenience of transit. Serve new markets and support economic vitality.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	187	Nautilus	SR 112 / 41st Street Exclusive transit lanes and protected/buffered bicycle lanes	Exclusive transit lanes and protected/buffered bicycle lanes (Lane repurposing) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	188	Nautilus	SR 112 / Julia Tuttle Causeway Exclusive Transit Lane/Shared-Use Path	Exclusive Transit Lane and Shared-Use Path. This project required extensive bridge work.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	189	Oceanfront	SR A1A/ Indian Creek Drive Protected Bicycle Lanes	Protected Bicycle Lanes (Lane repurposing and/or roadway widening)	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	190	City Center	15th Street Neighborhood Greenway	Neighborhood Greenway (Bicycle Boulevard Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	191	Bayshore	20 Street Neighborhood Greenway	Neighborhood Greenway (Bicycle Boulevard Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	192	Flamingo/Lummus	Ocean Drive Shared Space	Shared Space (Public Space) allowing for easy closures for events, calming traffic, and improved pedestrian space.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	192	Oceanfront	Ocean Drive Shared Space	Shared Space (Public Space) allowing for easy closures for events, calming traffic, and improved pedestrian space. Ocean Drive requires an improvement towards local non-motorized transportation infrastructure connectivity. Promote non-motorized transportation as a reliable mode of travel within the City.	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	193	Biscayne Point	Crespi Avenue Neighborhood Greenway	Neighborhood Greenway (Bicycle Boulevard Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	194	Bayshore	Purdy Avenue Neighborhood Greenway	Neighborhood Greenway (Bicycle Boulevard Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure
Transportation MP	195	Flamingo/Lummus	Drexel Avenue Neighborhood Greenway	Neighborhood Greenway (Bicycle Boulevard Markers) Enhanced crosswalks	no	Project does not incorporate a structural change to water-resources related infrastructure

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
Allison Island A	AECOM SW MP	A51	ALIS 19	Allison Island	Allison Island South 2019-06	Stormwater Improvements
Allison Island A	AECOM SW MP	A75	ALIS 19	Allison Island		Stormwater Improvements
Allison Island A	Tidal Flood Adaptation Project	36	ALIS 19	Allison Island	W Laguna Dr	Tidal Flood Adaptation Project
Allison Island B	AECOM SW MP	A50	ALIS 20	Allison Island	Allison Island North 2019-06	Stormwater Improvements
Allison Island B	AECOM SW MP	A50	ALIS 20	Allison Island	Allison Island North 2019-06	Stormwater Improvements
Allison Island B	AECOM SW MP	A75	ALIS 20	Allison Island		Stormwater Improvements
Allison Island B	H&S Water System Master Plan	W-46f	ALIS 20	Allison Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Bayshore A	AECOM SW MP	A52	BASH 7	Bayshore	Bayshore South 2019-06	Stormwater Improvements
Bayshore A	AECOM SW MP	A56	BASH 7	Bayshore	Central Bayshore South 2019-06	Stormwater Improvements
Bayshore A	H&S Sewer System Master Plan	S-31e	BASH 7	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
Bayshore A	H&S Sewer System Master Plan	S-05a	BASH 7	Bayshore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Bayshore A	H&S Water System Master Plan	W-46l	BASH 7	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Bayshore A	H&S Water System Master Plan	W-18	BASH 7	Bayshore	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.
Bayshore A	H&S Water System Master Plan	W-01	BASH 7	Bayshore	Pumping & Storage Facilities – R&R	25th Street Booster Station (W-1) R&R. 2027 Complete booster station rehabilitation.
Bayshore B	AECOM SW MP	A56	BASH 8	Bayshore	Central Bayshore South 2019-06	Stormwater Improvements
Bayshore B	H&S Sewer System Master Plan	S-31a	BASH 8	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Bayshore B	H&S Sewer System Master Plan	S-31b	BASH 8	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Bayshore B	H&S Sewer System Master Plan	S-31d	BASH 8	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
Bayshore B	H&S Sewer System Master Plan	S-31e	BASH 8	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
Bayshore B	H&S Sewer System Master Plan	S-31f	BASH 8	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
Bayshore B	H&S Sewer System Master Plan	S-05a	BASH 8	Bayshore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Bayshore B	H&S Sewer System Master Plan	S-28	BASH 8	Bayshore	Pump Stations – R&R	Pump Station 28 R&R. 2021. Complete pump station rehabilitation (does not include wet well replacement).
Bayshore B	H&S Water System Master Plan	W-45m	BASH 8	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Bayshore B	H&S Water System Master Plan	W-46a	BASH 8	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Bayshore B	Tidal Flood Adaptation Project	26	BASH 8	Bayshore	Prairie Ave	Tidal Flood Adaptation Project
Bayshore B	Tidal Flood Adaptation Project	55	BASH 8	Bayshore	W 29th St	Tidal Flood Adaptation Project
Bayshore C	AECOM SW MP	A55	BASH 28	Bayshore	Central Bayshore 2019-06	Stormwater Improvements
Bayshore C	AECOM SW MP	A56	BASH 28	Bayshore	Central Bayshore South 2019-06	Stormwater Improvements
Bayshore C	Blueways MP	60	BASH 28	Bayshore	Chase Avenue Parking Lot	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.
Bayshore C	H&S Sewer System Master Plan	S-31a	BASH 28	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Bayshore C	H&S Sewer System Master Plan	S-31e	BASH 28	Bayshore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
Bayshore C	H&S Sewer System Master Plan	S-05a	BASH 28	Bayshore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Bayshore C	H&S Water System Master Plan	W-45k	BASH 28	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Bayshore C	Tidal Flood Adaptation Project	24	BASH 28	Bayshore	Chase Ave	Tidal Flood Adaptation Project
Bayshore C	Tidal Flood Adaptation Project	25	BASH 28	Bayshore	Royal Palm Ave 1	Tidal Flood Adaptation Project
Bayshore C	Tidal Flood Adaptation Project	30	BASH 28	Bayshore	Royal Palm Ave 2	Tidal Flood Adaptation Project
Bayshore D	AECOM SW MP	A63	BASH 40	Bayshore	Middle North Bay & Nautilus 2019-06	Stormwater Improvements
Bayshore D	H&S Sewer System Master Plan	S-05a	BASH 40	Bayshore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Bayshore D	H&S Utility R&R	A29	BASH 40	Bayshore	WATER AERIAL REHAB 7	WATER AERIAL REHAB 7
Bayshore D	H&S Utility R&R	A28	BASH 40	Bayshore	WATER PS 4, 41ST ST	WATER PS 4, 41ST ST
Bayshore D	H&S Water System Master Plan	W-22	BASH 40	Bayshore	Distribution System - Capacity	Fire Flow – Project 9. 2024 Upsize existing water mains and install new connections.
Bayshore D	H&S Water System Master Plan	W-45w	BASH 40	Bayshore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Bayshore D	Tidal Flood Adaptation Project	43	BASH 40	Bayshore	195 Off Ramp	Tidal Flood Adaptation Project
Bayshore D	Tidal Flood Adaptation Project	32	BASH 40	Bayshore	Garden Ave	Tidal Flood Adaptation Project
Biscayne Point A	AECOM SW MP	A54	BISP 11	Biscayne Point	Biscayne Beach 2019-06	Stormwater Improvements
Biscayne Point A	H&S Sewer System Master Plan	S-31b	BISP 11	Biscayne Point	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Biscayne Point A	H&S Sewer System Master Plan	S-31c	BISP 11	Biscayne Point	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
Biscayne Point A	H&S Sewer System Master Plan	S-05a	BISP 11	Biscayne Point	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Biscayne Point A	H&S Utility R&R	A2	BISP 11	Biscayne Point	Water Aerial Rehab 22	Water Aerial Rehab 22
Biscayne Point A	H&S Utility R&R	A3	BISP 11	Biscayne Point	WW PS 24, REHAB	WW PS 24, REHAB
Biscayne Point A	H&S Water System Master Plan	W-46s	BISP 11	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Biscayne Point A	Tidal Flood Adaptation Project	2	BISP 11	Biscayne Point	Crespi Blvd	Tidal Flood Adaptation Project
Biscayne Point B	AECOM SW MP	A69	BISP 15	Biscayne Point	Park View Island 2019-06	Stormwater Improvements

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
Biscayne Point B	H&S Sewer System Master Plan	S-05a	BISP 15	Biscayne Point	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Biscayne Point B	H&S Utility R&R	A8	BISP 15	Biscayne Point	WATER AERIAL REHAB 18	WATER AERIAL REHAB 18
Biscayne Point B	H&S Water System Master Plan	W-47b	BISP 15	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
Biscayne Point B	Tidal Flood Adaptation Project	13	BISP 15	Biscayne Point	Raymond St	Tidal Flood Adaptation Project
Biscayne Point C	AECOM SW MP	A76	BISP 37	Biscayne Point		Stormwater Improvements
Biscayne Point C	H&S Sewer System Master Plan	S-05a	BISP 37	Biscayne Point	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Biscayne Point C	H&S Utility R&R	A5	BISP 37	Biscayne Point	WATER AERIAL REHAB 21	WATER AERIAL REHAB 21
Biscayne Point C	H&S Water System Master Plan	W-47a	BISP 37	Biscayne Point	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
City Center A	AECOM SW MP	A57	CYCT 4	City Center	City Center 2019-06	Stormwater Improvements
City Center A	H&S Sewer System Master Plan	S-31d	CYCT 4	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
City Center A	H&S Sewer System Master Plan	S-31e	CYCT 4	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
City Center A	H&S Sewer System Master Plan	S-31f	CYCT 4	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
City Center A	H&S Sewer System Master Plan	S-05a	CYCT 4	City Center	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
City Center A	H&S Water System Master Plan	W-45o	CYCT 4	City Center	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
City Center A	H&S Water System Master Plan	W-18	CYCT 4	City Center	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.
City Center A	Tidal Flood Adaptation Project	57	CYCT 4	City Center	Alton Rd 1	Tidal Flood Adaptation Project
City Center B	AECOM SW MP	A57	CYCT 5	City Center	City Center 2019-06	Stormwater Improvements
City Center B	GO Bond	36	CYCT 5	City Center	Washington Ave Corridor	Implement commercial revitalization enhancements for the Washington Avenue corridor, including lighting, landscaping, street renovations, and pedestrian improvements.
City Center B	H&S Sewer System Master Plan	S-31a	CYCT 5	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
City Center B	H&S Sewer System Master Plan	S-31f	CYCT 5	City Center	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
City Center B	H&S Sewer System Master Plan	S-05a	CYCT 5	City Center	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
City Center B	H&S Utility R&R	A38	CYCT 5	City Center	WW PS 11, REHAB	WW PS 11, REHAB
City Center B	H&S Water System Master Plan	W-19	CYCT 5	City Center	Distribution System - Capacity	Fire Flow – Project 6. 2023 Upsize existing water mains and install new connections.
City Center B	H&S Water System Master Plan	W-23	CYCT 5	City Center	Distribution System - Capacity	Fire Flow – Project 10. 2023 Upsize existing water mains.
City Center B	H&S Water System Master Plan	W-25	CYCT 5	City Center	Distribution System - Capacity	Fire Flow – Project 12. 2023 Upsize existing water mains.
City Center B	H&S Water System Master Plan	W-45n	CYCT 5	City Center	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
City Center B	H&S Water System Master Plan	W-24	CYCT 5	City Center	Distribution System - Capacity	Fire Flow – Project 11. 2023 Upsize existing water mains.
City Center B	Tidal Flood Adaptation Project	53	CYCT 5	City Center	Collins Ave 2	Tidal Flood Adaptation Project
Flamingo/Lummus A	AECOM SW MP	A59	FLLU 3	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements
Flamingo/Lummus A	GO Bond	36	FLLU 3	Flamingo/Lummus	Washington Ave Corridor	Implement commercial revitalization enhancements for the Washington Avenue corridor, including lighting, landscaping, street renovations, and pedestrian improvements.
Flamingo/Lummus A	H&S Sewer System Master Plan	S-05a	FLLU 3	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Flamingo/Lummus A	H&S Water System Master Plan	W-14	FLLU 3	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 1. 2021 Upsize existing water mains.
Flamingo/Lummus A	H&S Water System Master Plan	W-20	FLLU 3	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 7. 2021 Upsize existing water mains and install new connections.
Flamingo/Lummus A	H&S Water System Master Plan	W-47d	FLLU 3	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
Flamingo/Lummus A	H&S Water System Master Plan	W-28	FLLU 3	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 15. 2022 Upsize existing water mains.
Flamingo/Lummus B	AECOM SW MP	A59	FLLU 35	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements
Flamingo/Lummus B	GO Bond	31	FLLU 35	Flamingo/Lummus	Ocean Drive Improvement Project	Pedestrianize Ocean Drive from 5th to 15th streets by eliminating the sidewalks and curbs to create an "at grade" profile with pavers and decorative design patterns.
Flamingo/Lummus B	H&S Sewer System Master Plan	S-05a	FLLU 35	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Flamingo/Lummus B	H&S Water System Master Plan	W-20	FLLU 35	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 7. 2021 Upsize existing water mains and install new connections.
Flamingo/Lummus B	H&S Water System Master Plan	W-45s	FLLU 35	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Flamingo/Lummus B	H&S Water System Master Plan	W-18	FLLU 35	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.
Flamingo/Lummus C	AECOM SW MP	A59	FLLU 44	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements
Flamingo/Lummus C	H&S Sewer System Master Plan	S-31a	FLLU 44	Flamingo/Lummus	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Flamingo/Lummus C	H&S Sewer System Master Plan	S-31b	FLLU 44	Flamingo/Lummus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Flamingo/Lummus C	H&S Sewer System Master Plan	S-05a	FLLU 44	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Flamingo/Lummus C	H&S Water System Master Plan	W-14	FLLU 44	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 1. 2021 Upsize existing water mains.

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
Flamingo/Lummus C	H&S Water System Master Plan	W-46p	FLLU 44	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Flamingo/Lummus C	H&S Water System Master Plan	W-26	FLLU 44	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 13. 2021 Upsize existing water mains.
Flamingo/Lummus C	Tidal Flood Adaptation Project	61	FLLU 44	Flamingo/Lummus	5th St	Tidal Flood Adaptation Project
Flamingo/Lummus C	Tidal Flood Adaptation Project	60	FLLU 44	Flamingo/Lummus	Alton Rd 8	Tidal Flood Adaptation Project
Flamingo/Lummus C	Tidal Flood Adaptation Project	28	FLLU 44	Flamingo/Lummus	Michigan Ave 2	Tidal Flood Adaptation Project
Flamingo/Lummus D	AECOM SW MP	A59	FLLU 45	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements
Flamingo/Lummus D	H&S Sewer System Master Plan	S-05a	FLLU 45	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Flamingo/Lummus D	H&S Water System Master Plan	W-17	FLLU 45	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 4. 2022 Upsize existing water mains and install new connections.
Flamingo/Lummus D	H&S Water System Master Plan	W-45r	FLLU 45	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Flamingo/Lummus D	H&S Water System Master Plan	W-18	FLLU 45	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.
Flamingo/Lummus D	H&S Water System Master Plan	W-21	FLLU 45	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 8. 2023 Upsize existing water mains.
Flamingo/Lummus D	Tidal Flood Adaptation Project	27	FLLU 45	Flamingo/Lummus	Meridian Ave	Tidal Flood Adaptation Project
Flamingo/Lummus D	Tidal Flood Adaptation Project	7	FLLU 45	Flamingo/Lummus	Penn Ave	Tidal Flood Adaptation Project
Flamingo/Lummus E	AECOM SW MP	A59	FLLU 53	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements
Flamingo/Lummus E	H&S Sewer System Master Plan	S-31b	FLLU 53	Flamingo/Lummus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Flamingo/Lummus E	H&S Sewer System Master Plan	S-05a	FLLU 53	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Flamingo/Lummus E	H&S Water System Master Plan	W-45q	FLLU 53	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Flamingo/Lummus E	H&S Water System Master Plan	W-15	FLLU 53	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 2. 2022 Upsize existing water mains and install new connections.
Flamingo/Lummus E	Tidal Flood Adaptation Project	58	FLLU 53	Flamingo/Lummus	Alton Rd 1	Tidal Flood Adaptation Project
Flamingo/Lummus E	Tidal Flood Adaptation Project	56	FLLU 53	Flamingo/Lummus	Alton Rd 2	Tidal Flood Adaptation Project
Flamingo/Lummus E	Tidal Flood Adaptation Project	59	FLLU 53	Flamingo/Lummus	Alton Rd 2	Tidal Flood Adaptation Project
Flamingo/Lummus F	AECOM SW MP	A59	FLLU 54	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements
Flamingo/Lummus F	H&S Sewer System Master Plan	S-05a	FLLU 54	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Flamingo/Lummus F	H&S Water System Master Plan	W-16	FLLU 54	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 3. 2021 Upsize existing water mains and install new connections.
Flamingo/Lummus F	H&S Water System Master Plan	W-46o	FLLU 54	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Flamingo/Lummus F	H&S Water System Master Plan	W-28	FLLU 54	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 15. 2022 Upsize existing water mains.
Flamingo/Lummus G	AECOM SW MP	A59	FLLU 55	Flamingo/Lummus	Flamingo Park 2019-06	Stormwater Improvements
Flamingo/Lummus G	H&S Sewer System Master Plan	S-31a	FLLU 55	Flamingo/Lummus	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Flamingo/Lummus G	H&S Sewer System Master Plan	S-31b	FLLU 55	Flamingo/Lummus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Flamingo/Lummus G	H&S Sewer System Master Plan	S-05a	FLLU 55	Flamingo/Lummus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Flamingo/Lummus G	H&S Sewer System Master Plan	S-22	FLLU 55	Flamingo/Lummus	Pump Stations – R&R	Pump Station 1 R&R. 2020. Complete pump station rehabilitation (does not include wet well replacement).
Flamingo/Lummus G	H&S Water System Master Plan	W-14	FLLU 55	Flamingo/Lummus	Distribution System - Capacity	Fire Flow – Project 1. 2021 Upsize existing water mains.
Flamingo/Lummus G	H&S Water System Master Plan	W-46q	FLLU 55	Flamingo/Lummus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Flamingo/Lummus G	Tidal Flood Adaptation Project	29	FLLU 55	Flamingo/Lummus	10th St	Tidal Flood Adaptation Project
Flamingo/Lummus G	Tidal Flood Adaptation Project	62	FLLU 55	Flamingo/Lummus	6th St	Tidal Flood Adaptation Project
La Gorce A	AECOM SW MP	A61	LAGO 21	La Gorce	La Gorce 2019-06	Stormwater Improvements
La Gorce A	H&S Sewer System Master Plan	S-13	LAGO 21	La Gorce	Force Mains - Capacity	Pump Station 18 new force main. 2022. Install new 10-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
La Gorce A	H&S Sewer System Master Plan	S-20	LAGO 21	La Gorce	Force Mains – R&R	Aerial crossing along Pine Tree Drive between La Gorce Circle and North Bay Road rehabilitation. 2025. Rehabilitate aerial crossing.
La Gorce A	H&S Sewer System Master Plan	S-31a	LAGO 21	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
La Gorce A	H&S Sewer System Master Plan	S-31c	LAGO 21	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
La Gorce A	H&S Sewer System Master Plan	S-05a	LAGO 21	La Gorce	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
La Gorce A	H&S Water System Master Plan	W-46g	LAGO 21	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
La Gorce A	Tidal Flood Adaptation Project	38	LAGO 21	La Gorce	N Bay Rd 5	Tidal Flood Adaptation Project
La Gorce B	Active CIP	225	LAGO 22	La Gorce	La Gorce	Infrastructure: New stormwater drainage system, new pump stations, replacing water mains and service connections, sanitary sewer work and relocating service connections to front of properties. Roadway: elevation, new curb, gutter and sidewalk at new elevation, harmonizing the roadway to driveways, new signage and pavement markings, new street lighting, adding a bike lane
La Gorce B	AECOM SW MP	A61	LAGO 22	La Gorce	La Gorce 2019-06	Stormwater Improvements
La Gorce B	H&S Sewer System Master Plan	S-13	LAGO 22	La Gorce	Force Mains - Capacity	Pump Station 18 new force main. 2022. Install new 10-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
La Gorce B	H&S Sewer System Master Plan	S-31c	LAGO 22	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
La Gorce B	H&S Sewer System Master Plan	S-05a	LAGO 22	La Gorce	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
La Gorce B	H&S Water System Master Plan	W-44	LAGO 22	La Gorce	Distribution System - R&R	Water Main Aerial Crossings along Alton Road between West 48th Street and Lakeview Drive Rehabilitation. 2026 Rehabilitate aerial crossings.
La Gorce B	H&S Water System Master Plan	W-45f	LAGO 22	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
La Gorce B	Tidal Flood Adaptation Project	3	LAGO 22	La Gorce	N Bay Rd 3	Tidal Flood Adaptation Project
La Gorce C	Active CIP	225	LAGO 23	La Gorce	La Gorce	Infrastructure: New stormwater drainage system, new pump stations, replacing water mains and service connections, sanitary sewer work and relocating service connections to front of properties. Roadway: elevation, new curb, gutter and sidewalk at new elevation, harmonizing the roadway to driveways, new signage and pavement markings, new street lighting, adding a bike lane
La Gorce C	AECOM SW MP	A61	LAGO 23	La Gorce	La Gorce 2019-06	Stormwater Improvements
La Gorce C	H&S Sewer System Master Plan	S-05a	LAGO 23	La Gorce	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
La Gorce C	H&S Water System Master Plan	W-46h	LAGO 23	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
La Gorce C	Tidal Flood Adaptation Project	51	LAGO 23	La Gorce	N Bay Rd 1	Tidal Flood Adaptation Project
La Gorce C	Tidal Flood Adaptation Project	37	LAGO 23	La Gorce	N Bay Rd 4	Tidal Flood Adaptation Project
La Gorce C	Tidal Flood Adaptation Project	22	LAGO 23	La Gorce	N Bay Rd 6	Tidal Flood Adaptation Project
La Gorce D	AECOM SW MP	A58	LAGO 24	La Gorce	East La Gorce & Pinetree 2019-06	Stormwater Improvements
La Gorce D	AECOM SW MP	A58	LAGO 24	La Gorce	East La Gorce & Pinetree 2019-06	Stormwater Improvements
La Gorce D	H&S Sewer System Master Plan	S-13	LAGO 24	La Gorce	Force Mains - Capacity	Pump Station 18 new force main. 2022. Install new 10-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
La Gorce D	H&S Sewer System Master Plan	S-31b	LAGO 24	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
La Gorce D	H&S Sewer System Master Plan	S-31c	LAGO 24	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
La Gorce D	H&S Sewer System Master Plan	S-31f	LAGO 24	La Gorce	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
La Gorce D	H&S Sewer System Master Plan	S-05a	LAGO 24	La Gorce	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
La Gorce D	H&S Water System Master Plan	W-42	LAGO 24	La Gorce	Distribution System - R&R	Water Main Aerial Crossing along Biarritz Drive between South Shore Drive and Calais Drive Rehabilitation. 2026 Rehabilitate aerial crossing.
La Gorce D	H&S Water System Master Plan	W-46i	LAGO 24	La Gorce	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
La Gorce Island A	AECOM SW MP	A62	LAGI 49	La Gorce Island	La Gorce Island 2019-06	Stormwater Improvements
La Gorce Island A	H&S Sewer System Master Plan	S-20	LAGI 49	La Gorce Island	Force Mains – R&R	Aerial crossing along Pine Tree Drive between La Gorce Circle and North Bay Road rehabilitation. 2025. Rehabilitate aerial crossing.
La Gorce Island A	H&S Sewer System Master Plan	S-31a	LAGI 49	La Gorce Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
La Gorce Island A	H&S Sewer System Master Plan	S-26	LAGI 49	La Gorce Island	Pump Stations – R&R	Pump Station 18 R&R. 2025. Complete pump station rehabilitation (does not include wet well replacement).
La Gorce Island A	H&S Water System Master Plan	W-43	LAGI 49	La Gorce Island	Distribution System - R&R	Water Main Aerial Crossing along Wayne Avenue Pedestrian Bridge between Wayne Avenue and Tatum Waterway Rehabilitation. 2026 Rehabilitate aerial crossing.
La Gorce Island A	H&S Water System Master Plan	W-46e	LAGI 49	La Gorce Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
La Gorce Island A	Tidal Flood Adaptation Project	49	LAGI 49	La Gorce Island	La Gorce Cir	Tidal Flood Adaptation Project
Lakeview A	AECOM SW MP	A61	LAVW 25	Lakeview	La Gorce 2019-06	Stormwater Improvements
Lakeview A	H&S Sewer System Master Plan	S-05a	LAVW 25	Lakeview	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Lakeview A	H&S Water System Master Plan	W-46j	LAVW 25	Lakeview	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Lakeview A	Tidal Flood Adaptation Project	23	LAVW 25	Lakeview	Delaware Ave	Tidal Flood Adaptation Project
Lower North Bay Road A	H&S Sewer System Master Plan	S-12	LNBR 6	Lower North Bay Road	Force Mains - Capacity	Pump Station 14 new force main. 2022. Install new 12-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
Lower North Bay Road A	H&S Sewer System Master Plan	S-31c	LNBR 6	Lower North Bay Road	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
Lower North Bay Road A	H&S Sewer System Master Plan	S-31d	LNBR 6	Lower North Bay Road	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
Lower North Bay Road A	H&S Sewer System Master Plan	S-05a	LNBR 6	Lower North Bay Road	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Lower North Bay Road A	H&S Water System Master Plan	W-46k	LNBR 6	Lower North Bay Road	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Lower North Bay Road A	H&S Water System Master Plan	W-18	LNBR 6	Lower North Bay Road	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.
Lower North Bay Road A	Tidal Flood Adaptation Project	1	LNBR 6	Lower North Bay Road	Alton Rd 6	Tidal Flood Adaptation Project
Nautilus A	AECOM SW MP	A68	NAUT 26	Nautilus	Orchard Park 2019-06	Stormwater Improvements
Nautilus A	H&S Sewer System Master Plan	S-19	NAUT 26	Nautilus	Force Mains – R&R	Aerial crossing along Pine Tree Drive between West 51st Street and West 47th Street replacement. 2020. Complete replacement of the aerial crossing with a subaqueous crossing.
Nautilus A	H&S Sewer System Master Plan	S-31a	NAUT 26	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
Nautilus A	H&S Sewer System Master Plan	S-31b	NAUT 26	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Nautilus A	H&S Sewer System Master Plan	S-31e	NAUT 26	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
Nautilus A	H&S Sewer System Master Plan	S-25	NAUT 26	La Gorce	Pump Stations – R&R	Pump Station 15 R&R. 2027. Complete pump station rehabilitation (does not include wet well replacement).
Nautilus A	H&S Water System Master Plan	W-45h	NAUT 26	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Nautilus A	Tidal Flood Adaptation Project	39	NAUT 26	Nautilus	Royal Palm Ave 3	Tidal Flood Adaptation Project
Nautilus B	AECOM SW MP	A68	NAUT 27	Nautilus	Orchard Park 2019-06	Stormwater Improvements
Nautilus B	H&S Sewer System Master Plan	S-31b	NAUT 27	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Nautilus B	H&S Sewer System Master Plan	S-31d	NAUT 27	Nautilus	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
Nautilus B	H&S Sewer System Master Plan	S-05a	NAUT 27	Nautilus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Nautilus B	H&S Water System Master Plan	W-46t	NAUT 27	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Nautilus B	Tidal Flood Adaptation Project	8	NAUT 27	Nautilus	W 44th St	Tidal Flood Adaptation Project
Nautilus C	H&S Sewer System Master Plan	S-05a	NAUT 29	Nautilus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Nautilus C	H&S Water System Master Plan	W-38	NAUT 29	Nautilus	Distribution System - R&R	Distribution Water Main Aerial Crossing along West 41st Street between Meridian Avenue and Chase Avenue Replacement. 2021 Complete replacement of the aerial crossing in-kind.
Nautilus C	H&S Water System Master Plan	W-39	NAUT 29	Nautilus	Distribution System - R&R	Water Main Aerial Crossing along West 41st Street between Pine Tree Drive and Indian Creek Drive Replacement. 2021 Complete replacement of the aerial crossing in-kind.
Nautilus C	H&S Water System Master Plan	W-45x	NAUT 29	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Nautilus D	AECOM SW MP	A63	NAUT 38	Nautilus	Middle North Bay & Nautilus 2019-06	Stormwater Improvements
Nautilus D	H&S Sewer System Master Plan	S-05a	NAUT 38	Nautilus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Nautilus D	Tidal Flood Adaptation Project	52	NAUT 38	Nautilus	N Bay Rd 2	Tidal Flood Adaptation Project
Nautilus D	Tidal Flood Adaptation Project	5b	NAUT 38	Nautilus	N Bay Rd 7	Tidal Flood Adaptation Project
Nautilus E	AECOM SW MP	A63	NAUT 39	Nautilus	Middle North Bay & Nautilus 2019-06	Stormwater Improvements
Nautilus E	H&S Water System Master Plan	W-13	NAUT 39	Nautilus	Distribution System - Capacity	Capacity – Project 2 (Julia Tuttle Causeway). 2028 Upsize existing water mains.
Nautilus E	H&S Water System Master Plan	W-47c	NAUT 39	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
Nautilus E	Tidal Flood Adaptation Project	42	NAUT 39	Nautilus	Ed Sullivan Dr	Tidal Flood Adaptation Project
Nautilus E	Tidal Flood Adaptation Project	41	NAUT 39	Nautilus	Mount Sinai Hospital Pr 1	Tidal Flood Adaptation Project
Nautilus E	Tidal Flood Adaptation Project	54	NAUT 39	Nautilus	Mount Sinai Hospital Pr 2	Tidal Flood Adaptation Project
Nautilus F	AECOM SW MP	A63	NAUT 41	Nautilus	Middle North Bay & Nautilus 2019-06	Stormwater Improvements
Nautilus F	H&S Sewer System Master Plan	S-05a	NAUT 41	Nautilus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Nautilus F	H&S Water System Master Plan	W-46u	NAUT 41	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Nautilus F	Tidal Flood Adaptation Project	5a	NAUT 41	Nautilus	N Bay Rd 7	Tidal Flood Adaptation Project
Nautilus G	AECOM SW MP	A63	NAUT 42	Nautilus	Middle North Bay & Nautilus 2019-06	Stormwater Improvements
Nautilus G	H&S Sewer System Master Plan	S-05a	NAUT 42	Nautilus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Nautilus G	H&S Water System Master Plan	W-22	NAUT 42	Nautilus	Distribution System - Capacity	Fire Flow – Project 9. 2024 Upsize existing water mains and install new connections.
Nautilus G	H&S Water System Master Plan	W-45i	NAUT 42	Nautilus	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Nautilus G	Tidal Flood Adaptation Project	40	NAUT 42	Nautilus	Michigan Ave 1	Tidal Flood Adaptation Project
Nautilus G	Tidal Flood Adaptation Project	5c	NAUT 42	Nautilus	N Bay Rd 7	Tidal Flood Adaptation Project
Normandy Isles A	AECOM SW MP	A64	NOMI 50	Normandy Isles	Normandy Isle South 2019-06	Stormwater Improvements
Normandy Isles A	H&S Sewer System Master Plan	S-31a	NOMI 50	Normandy Isles	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Normandy Isles A	H&S Sewer System Master Plan	S-05a	NOMI 50	Normandy Isles	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Normandy Isles A	H&S Utility R&R	A15	NOMI 50	Normandy Isles	WW PS 21, REHAB	WW PS 21, REHAB
Normandy Isles A	H&S Water System Master Plan	W-45b	NOMI 50	Normandy Isles	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Normandy Isles A	H&S Water System Master Plan	W-27	NOMI 50	Normandy Isles	Distribution System - Capacity	Fire Flow – Project 14. 2024 Upsize existing water mains and install new connections.
Normandy Isles A	H&S Water System Master Plan	W-03	NOMI 50	Normandy Isles	Pumping & Storage Facilities – R&R	Normandy Isle Booster Station (W-3) R&R. 2026 Complete booster station rehabilitation.
Normandy Isles A	Tidal Flood Adaptation Project	34	NOMI 50	Normandy Isles	Bay Dr	Tidal Flood Adaptation Project
Normandy Isles A	Tidal Flood Adaptation Project	48	NOMI 50	Normandy Isles	Biarritz Dr	Tidal Flood Adaptation Project
Normandy Isles A	Tidal Flood Adaptation Project	47	NOMI 50	Normandy Isles	Calais Dr	Tidal Flood Adaptation Project
Normandy Isles A	Tidal Flood Adaptation Project	21	NOMI 50	Normandy Isles	Marseille Dr	Tidal Flood Adaptation Project
Normandy Isles A	Tidal Flood Adaptation Project	18	NOMI 50	Normandy Isles	Rue Granville 1	Tidal Flood Adaptation Project
Normandy Isles A	Tidal Flood Adaptation Project	19	NOMI 50	Normandy Isles	Rue Granville 2	Tidal Flood Adaptation Project
Normandy Isles A	Tidal Flood Adaptation Project	33	NOMI 50	Normandy Isles	Rue Versailles	Tidal Flood Adaptation Project
Normandy Isles A	Tidal Flood Adaptation Project	20	NOMI 50	Normandy Isles	Trouville Esplanade	Tidal Flood Adaptation Project
Normandy Shores A	AECOM SW MP	A65	NMSH 51	Normandy Shores	Normandy Shores 2019-06	Stormwater Improvements
Normandy Shores A	H&S Sewer System Master Plan	S-31f	NMSH 51	Normandy Shores	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
Normandy Shores A	H&S Sewer System Master Plan	S-05a	NMSH 51	Normandy Shores	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
Normandy Shores A	H&S Utility R&R	A1	NMSH 51	Normandy Shores	WATER AERIAL REHAB 15	WATER AERIAL REHAB 15
Normandy Shores A	H&S Water System Master Plan	W-46d	NMSH 51	Normandy Shores	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Normandy Shores A	Tidal Flood Adaptation Project	16	NMSH 51	Normandy Shores	Mitchell St	Tidal Flood Adaptation Project
Normandy Shores A	Tidal Flood Adaptation Project	45	NMSH 51	Normandy Shores	N Shore Dr 1	Tidal Flood Adaptation Project
Normandy Shores A	Tidal Flood Adaptation Project	46	NMSH 51	Normandy Shores	N Shore Dr 2	Tidal Flood Adaptation Project
Normandy Shores A	Tidal Flood Adaptation Project	17	NMSH 51	Normandy Shores	S Shore Dr	Tidal Flood Adaptation Project
Normandy Shores A	Tidal Flood Adaptation Project	44	NMSH 51	Normandy Shores	Vardon St	Tidal Flood Adaptation Project
North Shore A	AECOM SW MP	A66	NRSH 12	North Shore	North Shore & Town Center 2019-06	Stormwater Improvements
North Shore A	H&S Sewer System Master Plan	S-16	NRSH 12	North Shore	Force Mains - Capacity	North Beach new force main interconnect. 2031. Install new 16-inch force main interconnect from interconnection with Bal Harbour to 16-inch force main on Harding Avenue at 85th Street. (Add interconnection between 16-inch parallel force mains.)
North Shore A	H&S Sewer System Master Plan	S-05a	NRSH 12	North Shore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
North Shore A	H&S Water System Master Plan	W-46b	NRSH 12	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
North Shore A	Tidal Flood Adaptation Project	6	NRSH 12	North Shore	Byron Ave	Tidal Flood Adaptation Project
North Shore B	AECOM SW MP	A66	NRSH 13	North Shore	North Shore & Town Center 2019-06	Stormwater Improvements
North Shore B	H&S Sewer System Master Plan	S-31b	NRSH 13	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
North Shore B	H&S Sewer System Master Plan	S-31c	NRSH 13	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
North Shore B	H&S Sewer System Master Plan	S-31f	NRSH 13	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
North Shore B	H&S Sewer System Master Plan	S-05a	NRSH 13	North Shore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
North Shore B	H&S Utility R&R	A4	NRSH 13	North Shore	Water Aerial Rehab 19	Water Aerial Rehab 19
North Shore B	H&S Water System Master Plan	W-46c	NRSH 13	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
North Shore B	Tidal Flood Adaptation Project	11	NRSH 13	North Shore	Tatum Waterway Dr	Tidal Flood Adaptation Project
North Shore C	AECOM SW MP	A66	NRSH 14	North Shore	North Shore & Town Center 2019-06	Stormwater Improvements
North Shore C	H&S Sewer System Master Plan	S-14	NRSH 14	North Shore	Force Mains - Capacity	Pump Station 23 new force main. 2022. Install new 16-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
North Shore C	H&S Sewer System Master Plan	S-31b	NRSH 14	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
North Shore C	H&S Sewer System Master Plan	S-31c	NRSH 14	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
North Shore C	H&S Sewer System Master Plan	S-31e	NRSH 14	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
North Shore C	H&S Sewer System Master Plan	S-31f	NRSH 14	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
North Shore C	H&S Sewer System Master Plan	S-05a	NRSH 14	North Shore	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
North Shore C	H&S Utility R&R	A7	NRSH 14	North Shore	WATER AERIAL REHAB 17	WATER AERIAL REHAB 17
North Shore C	H&S Water System Master Plan	W-45a	NRSH 14	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
North Shore C	H&S Water System Master Plan	W-27	NRSH 14	North Shore	Distribution System - Capacity	Fire Flow – Project 14. 2024 Upsize existing water mains and install new connections.
North Shore C	H&S Water System Master Plan	W-02	NRSH 14	North Shore	Pumping & Storage Facilities – R&R	75th Street Booster Station (W-2) R&R. 2020 Complete booster station rehabilitation.
North Shore D	AECOM SW MP	A66	NRSH 16	North Shore	North Shore & Town Center 2019-06	Stormwater Improvements
North Shore D	H&S Sewer System Master Plan	S-21	NRSH 16	North Shore	Force Mains – R&R	Aerial crossing along 71st Street between Bay Drive and Bonita Drive rehabilitation. 2025. Rehabilitate aerial crossing.
North Shore D	H&S Sewer System Master Plan	S-31a	NRSH 16	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
North Shore D	H&S Sewer System Master Plan	S-31b	NRSH 16	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
North Shore D	H&S Sewer System Master Plan	S-31c	NRSH 16	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
North Shore D	H&S Sewer System Master Plan	S-31d	NRSH 16	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
North Shore D	H&S Sewer System Master Plan	S-31e	NRSH 16	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
North Shore D	H&S Sewer System Master Plan	S-31f	NRSH 16	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
North Shore D	H&S Water System Master Plan	W-40	NRSH 16	North Shore	Distribution System - R&R	Water Main Aerial Crossing along 71st Street between Bay Drive and Bonita Drive Replacement. 2021 Complete replacement of the aerial crossing in-kind.
North Shore D	H&S Water System Master Plan	W-45c	NRSH 16	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
North Shore D	H&S Water System Master Plan	W-27	NRSH 16	North Shore	Distribution System - Capacity	Fire Flow – Project 14. 2024 Upsize existing water mains and install new connections.
North Shore D	Tidal Flood Adaptation Project	14	NRSH 16	North Shore	Bonita Dr	Tidal Flood Adaptation Project
North Shore D	Tidal Flood Adaptation Project	12	NRSH 16	North Shore	Carlyle Ave	Tidal Flood Adaptation Project
North Shore E	AECOM SW MP	A66	NRSH 17	North Shore	North Shore & Town Center 2019-06	Stormwater Improvements
North Shore E	H&S Sewer System Master Plan	S-31c	NRSH 17	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
North Shore E	H&S Sewer System Master Plan	S-31d	NRSH 17	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
North Shore E	H&S Sewer System Master Plan	S-31e	NRSH 17	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
North Shore E	H&S Sewer System Master Plan	S-31f	NRSH 17	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
North Shore E	H&S Utility R&R	A13	NRSH 17	North Shore	WW PS 19, REHAB	WW PS 19, REHAB
North Shore E	H&S Water System Master Plan	W-45d	NRSH 17	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
North Shore E	H&S Water System Master Plan	W-27	NRSH 17	North Shore	Distribution System - Capacity	Fire Flow – Project 14. 2024 Upsize existing water mains and install new connections.
North Shore E	Tidal Flood Adaptation Project	35	NRSH 17	North Shore	69th St	Tidal Flood Adaptation Project
North Shore F	AECOM SW MP	A66	NRSH 18	North Shore	North Shore & Town Center 2019-06	Stormwater Improvements
North Shore F	H&S Sewer System Master Plan	S-31a	NRSH 18	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
North Shore F	H&S Sewer System Master Plan	S-31b	NRSH 18	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
North Shore F	H&S Sewer System Master Plan	S-31d	NRSH 18	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
North Shore F	H&S Sewer System Master Plan	S-31e	NRSH 18	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
North Shore F	H&S Sewer System Master Plan	S-31f	NRSH 18	North Shore	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
North Shore F	H&S Sewer System Master Plan	S-29	NRSH 18	North Shore	Pump Stations – R&R	Pump Station 29 R&R. 2026. Complete pump station rehabilitation (does not include wet well replacement).
North Shore F	H&S Water System Master Plan	W-45e	NRSH 18	North Shore	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Oceanfront A	AECOM SW MP	A60	OCFT 9	Oceanfront	Indian Creek Parkway 2019-06	Stormwater Improvements
Oceanfront A	Blueways MP	58	OCFT 9	Oceanfront	27th Street Waterfront Area	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.
Oceanfront A	Blueways MP	59	OCFT 9	Oceanfront	40th Street and Indian Creek Street Side	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.
Oceanfront A	H&S Sewer System Master Plan	S-05a	OCFT 9	Oceanfront	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Oceanfront A	H&S Water System Master Plan	W-20	OCFT 9	Oceanfront	Distribution System - Capacity	Fire Flow – Project 7. 2021 Upsize existing water mains and install new connections.
Oceanfront A	H&S Water System Master Plan	W-45l	OCFT 9	Oceanfront	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Oceanfront A	Tidal Flood Adaptation Project	4	OCFT 9	Oceanfront	Collins Ave 3	Tidal Flood Adaptation Project
Oceanfront B	AECOM SW MP	A67	OCFT 10	Oceanfront	Ocean Front 2019-06	Stormwater Improvements
Oceanfront B	H&S Sewer System Master Plan	S-15	OCFT 10	Oceanfront	Force Mains - Capacity	Pump Station 27 new force main. 2022. Install new 16-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
Oceanfront B	H&S Sewer System Master Plan	S-31a	OCFT 10	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Oceanfront B	H&S Sewer System Master Plan	S-31b	OCFT 10	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Oceanfront B	H&S Sewer System Master Plan	S-31c	OCFT 10	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
Oceanfront B	H&S Sewer System Master Plan	S-31d	OCFT 10	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 4. 2037 - 2038. Replace force mains. 50% of force mains to be completed this year.
Oceanfront B	H&S Sewer System Master Plan	S-31e	OCFT 10	Oceanfront	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
Oceanfront B	H&S Sewer System Master Plan	S-27	OCFT 10	Oceanfront	Pump Stations – R&R	Pump Station 27 R&R. 2027. Complete pump station rehabilitation (does not include wet well replacement).
Oceanfront B	H&S Water System Master Plan	W-45g	OCFT 10	Oceanfront	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Oceanfront B	Tidal Flood Adaptation Project	50	OCFT 10	Oceanfront	Collins Ave 1	Tidal Flood Adaptation Project
Oceanfront B	Tidal Flood Adaptation Project	15	OCFT 10	Oceanfront	Collins Ave 4	Tidal Flood Adaptation Project
Palm and Hibiscus A	H&S Sewer System Master Plan	S-10	PAHI 32	Palm and Hibiscus	Force Mains - Capacity	Pump Station 4 new force main. 2022. Install new 8-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
Palm and Hibiscus A	H&S Sewer System Master Plan	S-11	PAHI 32	Palm and Hibiscus	Force Mains - Capacity	Pump Stations 4 and 5 new force main. 2022. Install new 12-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
Palm and Hibiscus A	H&S Sewer System Master Plan	S-31b	PAHI 32	Palm and Hibiscus	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Palm and Hibiscus A	H&S Sewer System Master Plan	S-31e	PAHI 32	Palm and Hibiscus	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
Palm and Hibiscus A	H&S Sewer System Master Plan	S-05a	PAHI 32	Palm and Hibiscus	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Palm and Hibiscus A	H&S Water System Master Plan	W-47h	PAHI 32	Palm and Hibiscus	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
Palm and Hibiscus A	H&S Water System Master Plan	W-04	PAHI 32	Palm and Hibiscus	Pumping & Storage Facilities – R&R	41st Street Booster Station (W-4) R&R. 2027 Complete booster station rehabilitation.
South Pointe A	AECOM SW MP	A70	SOPT 1	South Pointe	South Pointe 2019-0	Stormwater Improvements
South Pointe A	GO Bond	9	SOPT 1	South Pointe	Marjory Stoneman Douglas Park	Implement various improvements to park located at Ocean Drive and 2nd Street, including playground replacement, sidewalk upgrade, quick release shade structure, and turtle-friendly lighting.

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
South Pointe A	GO Bond	39	SOPT 1	South Pointe	Resilient Seawalls and Living Shorelines	Raise city-owned seawalls to minimum height standard in high priority areas and where feasible, incorporate living seawalls through natural vegetation and habitat enhancement.
South Pointe A	GO Bond	36	SOPT 1	South Pointe	Washington Ave Corridor	Implement commercial revitalization enhancements for the Washington Avenue corridor, including lighting, landscaping, street renovations, and pedestrian improvements.
South Pointe A	H&S Water System Master Plan	W-47g	SOPT 1	South Pointe	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
South Pointe A	H&S Water System Master Plan	W-18	SOPT 1	South Pointe	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.
South Pointe B	GO Bond	9	SOPT 2	South Pointe	Marjory Stoneman Douglas Park	Implement various improvements to park located at Ocean Drive and 2nd Street, including playground replacement, sidewalk upgrade, quick release shade structure, and turtle-friendly lighting.
South Pointe C	GO Bond	39	SOPT 36	South Pointe	Resilient Seawalls and Living Shorelines	Raise city-owned seawalls to minimum height standard in high priority areas and where feasible, incorporate living seawalls through natural vegetation and habitat enhancement.
South Pointe C	H&S Water System Master Plan	W-29	SOPT 36	South Pointe	Distribution System - Capacity	Fire Flow – Project 16. 2021 Upsize existing water mains and install new connections.
South Pointe D	AECOM SW MP	A70	SOPT 43	South Pointe	South Pointe 2019-0	Stormwater Improvements
South Pointe D	H&S Sewer System Master Plan	S-31a	SOPT 43	South Pointe	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
South Pointe D	H&S Sewer System Master Plan	S-31c	SOPT 43	South Pointe	Force Mains – R&R	Force Mains PoF/CoF – Priority 3. 2033 - 2036. Replace force mains. 20% - 30% of force mains to be completed this year.
South Pointe D	H&S Sewer System Master Plan	S-05a	SOPT 43	South Pointe	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
South Pointe D	H&S Water System Master Plan	W-45t	SOPT 43	South Pointe	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
South Pointe D	H&S Water System Master Plan	W-18	SOPT 43	South Pointe	Distribution System - Capacity	Fire Flow – Project 5. 2021 Upsize existing water mains and install new connections.
South Pointe D	H&S Water System Master Plan	W-29	SOPT 43	South Pointe	Distribution System - Capacity	Fire Flow – Project 16. 2021 Upsize existing water mains and install new connections.
South Pointe D	Tidal Flood Adaptation Project	31	SOPT 43	South Pointe	5th St	Tidal Flood Adaptation Project
South Pointe D	Tidal Flood Adaptation Project	9	SOPT 43	South Pointe	6th St	Tidal Flood Adaptation Project
South Pointe D	Tidal Flood Adaptation Project	10	SOPT 43	South Pointe	Alton Rd 4	Tidal Flood Adaptation Project
Star and Terminal Island A	AECOM SW MP	A72	SRTR 33	Star and Terminal Island	Star South 2019-06	Stormwater Improvements
Star and Terminal Island A	H&S Sewer System Master Plan	S-31a	SRTR 33	Star and Terminal Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Star and Terminal Island A	H&S Sewer System Master Plan	S-31b	SRTR 33	Star and Terminal Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Star and Terminal Island A	H&S Sewer System Master Plan	S-05a	SRTR 33	Star and Terminal Island	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Star and Terminal Island A	H&S Sewer System Master Plan	S-30	SRTR 33	Star and Terminal Island	Pump Stations – R&R	Pump Station 30 R&R. 2020. Complete pump station rehabilitation (does not include wet well replacement). Installation of a permanent onsite generator to be shared with the Terminal Island Water Booster Station (W-7).
Star and Terminal Island A	H&S Water System Master Plan	W-12	SRTR 33	Star and Terminal Island	Distribution System - Capacity	Capacity – Project 1 (Mac Arthur Causeway). 2022 Upsize existing water mains.
Star and Terminal Island A	H&S Water System Master Plan	W-30	SRTR 33	Star and Terminal Island	Distribution System - Capacity	Fire Flow – Project 17. 2021 Upsize existing water mains.
Star and Terminal Island A	H&S Water System Master Plan	W-37	SRTR 33	Star and Terminal Island	Distribution System - R&R	Rehabilitation of Water Main Aerial Crossings along MacArthur Causeway. 2020 Rehabilitation of both aerial crossings, except for the section of pipe on the south side that is being replaced under an emergency contract.
Star and Terminal Island A	H&S Water System Master Plan	W-45u	SRTR 33	Star and Terminal Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Star and Terminal Island A	H&S Water System Master Plan	W-07	SRTR 33	Star and Terminal Island	Pumping & Storage Facilities – Capacity	Byron Ave Booster Station Construction. 2021 Construct new booster station.
Star and Terminal Island A	H&S Water System Master Plan	W-06	SRTR 33	Star and Terminal Island	Pumping & Storage Facilities – R&R	Terminal Island Booster Station (W-7) R&R. 2026 Complete booster station rehabilitation. Installation of a permanent onsite generator to be shared with Sewer Pump Station 30. (Cost of generator installation is included in the Sewer System Master Plan and not in this Water Master Plan.)
Star and Terminal Island B	AECOM SW MP	A71	SRTR 34	Star and Terminal Island	Star Island 2019-06	Stormwater Improvements
Star and Terminal Island B	H&S Sewer System Master Plan	S-09	SRTR 34	Star and Terminal Island	Force Mains - Capacity	Pump Station 2 new force main. 2022. Install new 16-inch force main (subaqueous crossing). Once the new force main has been installed, the existing force main will be for emergency use only.
Star and Terminal Island B	H&S Sewer System Master Plan	S-31b	SRTR 34	Star and Terminal Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Star and Terminal Island B	H&S Sewer System Master Plan	S-31e	SRTR 34	Star and Terminal Island	Force Mains – R&R	Force Mains PoF/CoF – Priority 5. 2039 - 2042. Replace force mains. 25% of force mains to be completed this year.
Star and Terminal Island B	H&S Sewer System Master Plan	S-05a	SRTR 34	Star and Terminal Island	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Star and Terminal Island B	H&S Sewer System Master Plan	S-23	SRTR 34	Star and Terminal Island	Pump Stations – R&R	Pump Station 2 R&R. 2025. Complete pump station rehabilitation (does not include wet well replacement).
Star and Terminal Island B	H&S Water System Master Plan	W-45v	SRTR 34	Star and Terminal Island	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
Sunset Harbor A	H&S Sewer System Master Plan	S-31f	SNHB 1	Sunset Harbor	Force Mains – R&R	Force Mains PoF/CoF – Priority 6. 2043 - 2045. Replace force mains. 50% of force mains to be completed this year.
Sunset Harbor A	H&S Sewer System Master Plan	S-05a	SNHB 1	Sunset Harbor	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Sunset Harbor A	H&S Water System Master Plan	W-46r	SNHB 1	Sunset Harbor	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Sunset Islands A	AECOM SW MP	A73	SNST 46	Sunset Islands	Sunset Island No. 1 2019-06	Stormwater Improvements

Design Criteria Packages Summary

Design Criteria Package	Project Source	Needs Tracking Number	PGA	Neighborhood	Location/Description	Description_2
Sunset Islands A	H&S Sewer System Master Plan	S-12	SNST 46	Sunset Islands	Force Mains - Capacity	Pump Station 14 new force main. 2022. Install new 12-inch force main. Once the new force main has been installed, the existing force main will be for emergency use only.
Sunset Islands A	H&S Sewer System Master Plan	S-31b	SNST 46	Sunset Islands	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Sunset Islands A	H&S Sewer System Master Plan	S-05a	SNST 46	Sunset Islands	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Sunset Islands A	H&S Utility R&R	A34	SNST 46	Sunset Islands	WATER AERIAL REHAB 5	WATER AERIAL REHAB 5
Sunset Islands A	H&S Utility R&R	A36	SNST 46	Sunset Islands	WATER AERIAL REHAB 6	WATER AERIAL REHAB 6
Sunset Islands A	H&S Utility R&R	A35	SNST 46	Sunset Islands	WATER FM AERIAL REPAIR 5	WATER FM AERIAL REPAIR 5
Sunset Islands A	H&S Utility R&R	A37	SNST 46	Sunset Islands	WW FM AERIAL REPAIR 6	WW FM AERIAL REPAIR 6
Sunset Islands B	AECOM SW MP	A74	SNST 47	Sunset Islands	Sunset Island No. 2 2019-06	Stormwater Improvements
Sunset Islands B	H&S Sewer System Master Plan	S-31b	SNST 47	Sunset Islands	Force Mains – R&R	Force Mains PoF/CoF – Priority 2. 2026 - 2032. Replace force mains. 15% - 30% of force mains to be completed this year.
Sunset Islands B	H&S Sewer System Master Plan	S-05a	SNST 47	Sunset Islands	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Sunset Islands B	H&S Sewer System Master Plan	S-24	SNST 47	Sunset Islands	Pump Stations – R&R	Pump Station 14 R&R. 2027. Complete pump station rehabilitation (does not include wet well replacement).
Sunset Islands B	H&S Water System Master Plan	W-46m	SNST 47	Sunset Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Sunset Islands C	H&S Sewer System Master Plan	S-05a	SNST 48	Sunset Islands	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Sunset Islands C	H&S Utility R&R	A32	SNST 48	Sunset Islands	WW PS 13, REHAB	WW PS 13, REHAB
Sunset Islands C	H&S Water System Master Plan	W-46n	SNST 48	Sunset Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 2 (2026-2036). 2029 Replace water mains. 20% of water mains to be replaced this year.
Venetian Islands A	H&S Sewer System Master Plan	S-18	VENI 30	Venetian Islands	Force Mains – R&R	Venetian Way aerial crossing replacement. 2020. Complete replacement of the aerial crossing. In-kind replacement with aerial crossing except along the draw bridge which will be a subaqueous crossing.
Venetian Islands A	H&S Sewer System Master Plan	S-31a	VENI 30	Venetian Islands	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Venetian Islands A	H&S Sewer System Master Plan	S-05a	VENI 30	Venetian Islands	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Venetian Islands A	H&S Water System Master Plan	W-36	VENI 30	Venetian Islands	Distribution System - R&R	Replacement of Water Main Aerial Crossings along Venetian Causeway. 2020 Complete replacement of both aerial crossings. Replacement with aerial crossings except along the draw bridge which will be a subaqueous crossing. Increase pipe diameter to 24 inches.
Venetian Islands A	H&S Water System Master Plan	W-41	VENI 30	Venetian Islands	Distribution System - R&R	Water Main Aerial Crossing along Alton Road between Chase Avenue and West 34th Street Rehabilitation. 2026 Rehabilitate aerial crossing.
Venetian Islands A	H&S Water System Master Plan	W-47f	VENI 30	Venetian Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
Venetian Islands A	H&S Water System Master Plan	S-17	VENI 30	Venetian Islands	WW PS 6, REHAB	Pump Stations 8 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.
Venetian Islands A	H&S Water System Master Plan	S-17	VENI 30	Venetian Islands	WW PS 7, REHAB	Pump Stations 7 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.
Venetian Islands A	H&S Water System Master Plan	S-17	VENI 30	Venetian Islands	WW PS 8, REHAB	Pump Stations 6 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.
Venetian Islands B	AECOM SW MP	A53	VENI 31	Venetian Islands	Belle Isle 2019-06	Stormwater Improvements
Venetian Islands B	H&S Sewer System Master Plan	S-31a	VENI 31	Venetian Islands	Force Mains – R&R	Force Mains PoF/CoF – Priority 1. 2020-2025. Replace force mains. 15% - 35% of force mains to be replaced this year.
Venetian Islands B	H&S Sewer System Master Plan	S-05a	VENI 31	Venetian Islands	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
Venetian Islands B	H&S Sewer System Master Plan	S-17	VENI 31	Venetian Islands	Pump Stations - Capacity	Pump Stations 6, 7, and 8 flow rerouting. 2020. Reroute flow so that the flow from Pump Stations 6, 7, and 8 is repumped by Pump Station 10.
Venetian Islands B	H&S Water System Master Plan	W-47e	VENI 31	Venetian Islands	Distribution System - R&R	Water Mains PoF/CoF - Priority 3 (2037-2045). 2033 Replace water mains. 25% of water mains to be replaced this year.
Venetian Islands B	H&S Water System Master Plan	W-05	VENI 31	Venetian Islands	Pumping & Storage Facilities – R&R	Belle Isle Booster Station (W-5) R&R. 2020 Complete booster station rehabilitation. Addition of two pumps (total of two duty and one stand-by) including associated electrical and instrumentation and control (I&C) equipment. Construction of a new pump building.
West Avenue and Bay Road A	Blueways MP	96	WABR 52	West Avenue and Bay Road	South Beach Street End (Bay Road)	Proposed improvements within the Middle and South Beach Districts include, park updates, living shorelines and pedestrian connectivity improvements.
West Avenue and Bay Road A	H&S Sewer System Master Plan	S-05a	WABR 52	West Avenue and Bay Road	Gravity Mains - R&R	Gravity Main Replacement – Priority 2-4. 2025 - 2039. Evaluate each area and take corrective actions based on the outcome of the evaluation. 20% of gravity mains to be completed this year.
West Avenue and Bay Road A	H&S Water System Master Plan	W-45p	WABR 52	West Avenue and Bay Road	Distribution System - R&R	Water Mains PoF/CoF - Priority 1 (2020-2025). 2024 Replace water mains. 25% of water mains to be replaced this year.
West Avenue and Bay Road A	H&S Water System Master Plan	W-15	WABR 52	West Avenue and Bay Road	Distribution System - Capacity	Fire Flow – Project 2. 2022 Upsize existing water mains and install new connections.

Appendix D
Needs Scoring and Scenario Assignment

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
Active CIP	225	La Gorce	LAGO 22	La Gorce B	X	X	41.15	N/A	0	N/A	0	N/A	0	Sunny Day Flood Risk: High	10	N/A	0	Domestic Water Supply: Capacity	8	Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	8	Upgrade Pipes	7	Stormwater Quantity issues	8	Collector Road	8	Remaining service life:3-6 years	8
Active CIP	225	La Gorce	LAGO 23	La Gorce C	X	X	41.15	N/A	0	N/A	0	N/A	0	Sunny Day Flood Risk: High	10	N/A	0	Domestic Water Supply: Capacity	8	Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	8	Upgrade Pipes	7	Stormwater Quantity issues	8	Collector Road	8	Remaining service life:3-6 years	8
AECOM SW MP	A50	Allison Island	ALIS 20	Allison Island B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A50	Allison Island	ALIS 20	Allison Island B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A51	Allison Island	ALIS 19	Allison Island A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A52	Bayshore	BASH 7	Bayshore A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A53	Venetian Islands	VENI 31	Venetian Islands B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A54	Biscayne Point	BISP 11	Biscayne Point A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A55	Bayshore	BASH 28	Bayshore C	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A56	Bayshore	BASH 28	Bayshore C	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A56	Bayshore	BASH 7	Bayshore A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A56	Bayshore	BASH 8	Bayshore B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A57	City Center	CYCT 4	City Center A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A57	City Center	CYCT 5	City Center B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A58	La Gorce	LAGO 24	La Gorce D	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A58	La Gorce	LAGO 24	La Gorce D	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A59	Flamingo/Lummus	FLLU 3	Flamingo/Lummus A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A59	Flamingo/Lummus	FLLU 35	Flamingo/Lummus B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A59	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A59	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A59	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A59	Flamingo/Lummus	FLLU 54	Flamingo/Lummus F	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
AECOM SW MP	A59	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A60	Oceanfront	OCFT 9	Oceanfront A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A61	La Gorce	LAGO 21	La Gorce A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A61	La Gorce	LAGO 22	La Gorce B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A61	La Gorce	LAGO 23	La Gorce C	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A61	Lakeview	LAVW 25	Lakeview A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A62	La Gorce Island	LAGI 49	La Gorce Island A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A63	Bayshore	BASH 40	Bayshore D	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A63	Nautilus	NAUT 38	Nautilus D	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A63	Nautilus	NAUT 39	Nautilus E	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A63	Nautilus	NAUT 41	Nautilus F	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A63	Nautilus	NAUT 42	Nautilus G	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A64	Normandy Isles	NOMI 50	Normandy Isles A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A65	Normandy Shores	NMSH 51	Normandy Shores A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A66	North Shore	NRSH 12	North Shore A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A66	North Shore	NRSH 13	North Shore B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A66	North Shore	NRSH 14	North Shore C	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A66	North Shore	NRSH 16	North Shore D	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A66	North Shore	NRSH 17	North Shore E	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A66	North Shore	NRSH 18	North Shore F	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A67	Oceanfront	OCFT 10	Oceanfront B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A68	Nautilus	NAUT 26	Nautilus A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
AECOM SW MP	A68	Nautilus	NAUT 27	Nautilus B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A69	Biscayne Point	BISP 15	Biscayne Point B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A70	South Pointe	SOPT 1	South Pointe A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A70	South Pointe	SOPT 43	South Pointe D	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A71	Star and Terminal Island	SRTR 34	Star and Terminal Island B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A72	Star and Terminal Island	SRTR 33	Star and Terminal Island A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A73	Sunset Islands	SNST 46	Sunset Islands A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A74	Sunset Islands	SNST 47	Sunset Islands B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A75	Allison Island	ALIS 19	Allison Island A	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A75	Allison Island	ALIS 20	Allison Island B	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
AECOM SW MP	A76	Biscayne Point	BISP 37	Biscayne Point C	X	X	6.80	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quantity issues	8	N/A	0	N/A	0
Blueways MP	58	Oceanfront	OCFT 9	Oceanfront A	X	X	21.40	Public open space / parks	10	N/A	0	Opportunity to enhance natural habitat	7	Sunny Day Flood Risk: High	10	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	6	N/A	0	N/A	0	N/A	0	N/A	0
Blueways MP	59	Oceanfront	OCFT 9	Oceanfront A	X	X	21.40	Public open space / parks	10	N/A	0	Opportunity to enhance natural habitat	7	Sunny Day Flood Risk: High	10	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	6	N/A	0	N/A	0	N/A	0	N/A	0
Blueways MP	60	Bayshore	BASH 28	Bayshore C	X	X	21.40	Public open space / parks	10	N/A	0	Opportunity to enhance natural habitat	7	Sunny Day Flood Risk: High	10	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	6	N/A	0	N/A	0	N/A	0	N/A	0
Blueways MP	96	West Avenue and Bay Road	WABR 52	West Avenue and Bay Road A	X	X	21.40	Public open space / parks	10	N/A	0	Opportunity to enhance natural habitat	7	Sunny Day Flood Risk: High	10	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	6	N/A	0	N/A	0	N/A	0	N/A	0
GO Bond	9	South Pointe	SOPT 1	South Pointe A			7.00	Public open space / parks	10	N/A	0	Opportunity for natural system educational and interpretation	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
GO Bond	9	South Pointe	SOPT 2	South Pointe B			7.00	Public open space / parks	10	N/A	0	Opportunity for natural system educational and interpretation	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
GO Bond	31	Flamingo/Lummus	FLLU 35	Flamingo/Lummus B			4.75	Business visibility; curb appeal	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes Without Street Lighting	6	N/A	0	N/A	0	N/A	0	N/A	0
GO Bond	39	South Pointe	SOPT 1	South Pointe A	X	X	21.70	N/A	0	N/A	0	Opportunity to enhance natural habitat	7	Coastal Storm Surge	10	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quality issues	8	N/A	0	N/A	0
GO Bond	39	South Pointe	SOPT 36	South Pointe C	X	X	21.70	N/A	0	N/A	0	Opportunity to enhance natural habitat	7	Coastal Storm Surge	10	N/A	0	N/A	0	N/A	0	N/A	0	Stormwater Quality issues	8	N/A	0	N/A	0
GO Bond	36	City Center	CYCT 5	City Center B			12.95	Business visibility; curb appeal	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	8	N/A	0	N/A	0	Arterial Road	10	Remaining service life:3-6 years	8
GO Bond	36	Flamingo/Lummus	FLLU 3	Flamingo/Lummus A			12.95	Business visibility; curb appeal	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	8	N/A	0	N/A	0	Arterial Road	10	Remaining service life:3-6 years	8

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
GO Bond	36	South Pointe	SOPT 1	South Pointe A			12.95	Business visibility; curb appeal	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Pedestrian Pathways OR Bicycle Lanes AND Street Lighting	8	N/A	0	N/A	0	Arterial Road	10	Remaining service life:3-6 years	8
H&S Sewer System Master Plan	S-09	Star and Terminal Island	SRTR 34	Star and Terminal Island B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-10	Palm and Hibiscus	PAHI 32	Palm and Hibiscus A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-11	Palm and Hibiscus	PAHI 32	Palm and Hibiscus A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-12	Lower North Bay Road	LNBR 6	Lower North Bay Road A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-12	Sunset Islands	SNST 46	Sunset Islands A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-13	La Gorce	LAGO 21	La Gorce A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-13	La Gorce	LAGO 22	La Gorce B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-13	La Gorce	LAGO 24	La Gorce D		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-14	North Shore	NRSH 14	North Shore C		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-15	Oceanfront	OCFT 10	Oceanfront B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-16	North Shore	NRSH 12	North Shore A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-18	Venetian Islands	VENI 30	Venetian Islands A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-19	Nautilus	NAUT 26	Nautilus A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-20	La Gorce Island	LAGI 49	La Gorce Island A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-20	La Gorce	LAGO 21	La Gorce A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-21	North Shore	NRSH 16	North Shore D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	North Shore	NRSH 16	North Shore D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Normandy Isles	NOMI 50	Normandy Isles A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	La Gorce	LAGO 21	La Gorce A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	La Gorce Island	LAGI 49	La Gorce Island A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	North Shore	NRSH 18	North Shore F		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0

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Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Sewer System Master Plan	S-31a	Oceanfront	OCFT 10	Oceanfront B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Nautilus	NAUT 26	Nautilus A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Bayshore	BASH 28	Bayshore C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Bayshore	BASH 8	Bayshore B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	City Center	CYCT 5	City Center B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	South Pointe	SOPT 43	South Pointe D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Venetian Islands	VENI 30	Venetian Islands A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31a	Venetian Islands	VENI 31	Venetian Islands B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P1	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Biscayne Point	BISP 11	Biscayne Point A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	North Shore	NRSH 13	North Shore B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	North Shore	NRSH 14	North Shore C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	North Shore	NRSH 16	North Shore D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	North Shore	NRSH 18	North Shore F		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Oceanfront	OCFT 10	Oceanfront B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	La Gorce	LAGO 24	La Gorce D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Nautilus	NAUT 26	Nautilus A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Nautilus	NAUT 27	Nautilus B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Bayshore	BASH 8	Bayshore B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Sunset Islands	SNST 46	Sunset Islands A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Sewer System Master Plan	S-31b	Sunset Islands	SNST 47	Sunset Islands B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Star and Terminal Island	SRTR 34	Star and Terminal Island B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31b	Palm and Hibiscus	PAHI 32	Palm and Hibiscus A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	Biscayne Point	BISP 11	Biscayne Point A		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	North Shore	NRSH 13	North Shore B		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	North Shore	NRSH 14	North Shore C		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	North Shore	NRSH 16	North Shore D		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	North Shore	NRSH 17	North Shore E		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	Oceanfront	OCFT 10	Oceanfront B		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	La Gorce	LAGO 21	La Gorce A		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	La Gorce	LAGO 22	La Gorce B		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	La Gorce	LAGO 24	La Gorce D		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	Lower North Bay Road	LNBR 6	Lower North Bay Road A		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31c	South Pointe	SOPT 43	South Pointe D		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P3	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31d	North Shore	NRSH 16	North Shore D		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31d	North Shore	NRSH 17	North Shore E		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31d	North Shore	NRSH 18	North Shore F		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31d	Oceanfront	OCFT 10	Oceanfront B		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0

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Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Sewer System Master Plan	S-31d	Nautilus	NAUT 27	Nautilus B		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31d	Bayshore	BASH 8	Bayshore B		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31d	Lower North Bay Road	LNBR 6	Lower North Bay Road A		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31d	City Center	CYCT 4	City Center A		X	3.40	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P4	4	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	North Shore	NRSH 14	North Shore C		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	North Shore	NRSH 16	North Shore D		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	North Shore	NRSH 17	North Shore E		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	North Shore	NRSH 18	North Shore F		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	Oceanfront	OCFT 10	Oceanfront B		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	Nautilus	NAUT 26	Nautilus A		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	Bayshore	BASH 28	Bayshore C		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	Bayshore	BASH 8	Bayshore B		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	Bayshore	BASH 7	Bayshore A		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	City Center	CYCT 4	City Center A		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	Star and Terminal Island	SRTR 34	Star and Terminal Island B		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31e	Palm and Hibiscus	PAHI 32	Palm and Hibiscus A		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P5	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	North Shore	NRSH 13	North Shore B		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	North Shore	NRSH 14	North Shore C		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	North Shore	NRSH 16	North Shore D		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	North Shore	NRSH 17	North Shore E		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	Normandy Shores	NMSH 51	Normandy Shores A		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	North Shore	NRSH 18	North Shore F		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Sewer System Master Plan	S-31f	La Gorce	LAGO 24	La Gorce D		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	Bayshore	BASH 8	Bayshore B		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	Sunset Harbor	SNHB 1	Sunset Harbor A		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	City Center	CYCT 4	City Center A		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-31f	City Center	CYCT 5	City Center B		X	1.70	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Pipes P6	2	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	North Shore	NRSH 12	North Shore A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	North Shore	NRSH 13	North Shore B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	North Shore	NRSH 14	North Shore C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Biscayne Point	BISP 11	Biscayne Point A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Biscayne Point	BISP 37	Biscayne Point C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Biscayne Point	BISP 15	Biscayne Point B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Normandy Shores	NMSH 51	Normandy Shores A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Normandy Isles	NOMI 50	Normandy Isles A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	La Gorce	LAGO 21	La Gorce A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	La Gorce	LAGO 22	La Gorce B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	La Gorce	LAGO 23	La Gorce C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	La Gorce	LAGO 24	La Gorce D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Lakeview	LAVW 25	Lakeview A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Nautilus	NAUT 41	Nautilus F		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Nautilus	NAUT 38	Nautilus D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Nautilus	NAUT 42	Nautilus G		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Nautilus	NAUT 27	Nautilus B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0

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								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Sewer System Master Plan	S-05a	Nautilus	NAUT 29	Nautilus C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Bayshore	BASH 40	Bayshore D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Bayshore	BASH 28	Bayshore C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Bayshore	BASH 8	Bayshore B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Bayshore	BASH 7	Bayshore A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Lower North Bay Road	LNBR 6	Lower North Bay Road A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Sunset Islands	SNST 46	Sunset Islands A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Sunset Islands	SNST 47	Sunset Islands B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Sunset Islands	SNST 48	Sunset Islands C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Oceanfront	OCFT 9	Oceanfront A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Sunset Harbor	SNHB 1	Sunset Harbor A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	City Center	CYCT 4	City Center A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	City Center	CYCT 5	City Center B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	FLLU 3	Flamingo/Lummus A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	FLLU 35	Flamingo/Lummus B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Flamingo/Lummus	FLLU 54	Flamingo/Lummus F		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	West Avenue and Bay Road	WABR 52	West Avenue and Bay Road A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Venetian Islands	VENI 31	Venetian Islands B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Sewer System Master Plan	S-05a	Venetian Islands	VENI 30	Venetian Islands A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	South Pointe	SOPT 43	South Pointe D		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Star and Terminal Island	SRTR 34	Star and Terminal Island B		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-05a	Palm and Hibiscus	PAHI 32	Palm and Hibiscus A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes P2	7	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-17	Venetian Islands	VENI 31	Venetian Islands B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Replace Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-22	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-23	Star and Terminal Island	SRTR 34	Star and Terminal Island B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-24	Sunset Islands	SNST 47	Sunset Islands B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-25	La Gorce	NAUT 26	Nautilus A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-26	La Gorce Island	LAGI 49	La Gorce Island A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-27	Oceanfront	OCFT 10	Oceanfront B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-28	Bayshore	BASH 8	Bayshore B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-29	North Shore	NRSH 18	North Shore F		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Sewer System Master Plan	S-30	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A1	Normandy Shores	NMSH 51	Normandy Shores A		X	6.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Breaks & Leaks	6	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A7	North Shore	NRSH 14	North Shore C		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A8	Biscayne Point	BISP 15	Biscayne Point B		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A4	North Shore	NRSH 13	North Shore B		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A5	Biscayne Point	BISP 37	Biscayne Point C		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A2	Biscayne Point	BISP 11	Biscayne Point A		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A34	Sunset Islands	SNST 46	Sunset Islands A		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

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Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Utility R&R	A36	Sunset Islands	SNST 46	Sunset Islands A		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A29	Bayshore	BASH 40	Bayshore D		X	4.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Reliability & Performance Improvements: Materials	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A35	Sunset Islands	SNST 46	Sunset Islands A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A28	Bayshore	BASH 40	Bayshore D		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A37	Sunset Islands	SNST 46	Sunset Islands A		X	5.95	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Pipes	7	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A38	City Center	CYCT 5	City Center B		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A32	Sunset Islands	SNST 48	Sunset Islands C		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A13	North Shore	NRSH 17	North Shore E		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A15	Normandy Isles	NOMI 50	Normandy Isles A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Utility R&R	A3	Biscayne Point	BISP 11	Biscayne Point A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-12	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-13	Nautilus	NAUT 39	Nautilus E		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-14	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-14	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-14	Flamingo/Lummus	FLLU 3	Flamingo/Lummus A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-16	Flamingo/Lummus	FLLU 54	Flamingo/Lummus F		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-17	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-19	City Center	CYCT 5	City Center B		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-20	Oceanfront	OCFT 9	Oceanfront A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-20	Flamingo/Lummus	FLLU 35	Flamingo/Lummus B		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-20	Flamingo/Lummus	FLLU 3	Flamingo/Lummus A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-22	Nautilus	NAUT 42	Nautilus G		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

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Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Water System Master Plan	W-22	Bayshore	BASH 40	Bayshore D		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-23	City Center	CYCT 5	City Center B		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-25	City Center	CYCT 5	City Center B		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-30	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-36	Venetian Islands	VENI 30	Venetian Islands A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-37	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-38	Nautilus	NAUT 29	Nautilus C		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-39	Nautilus	NAUT 29	Nautilus C		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-40	North Shore	NRSH 16	North Shore D		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-41	Venetian Islands	VENI 30	Venetian Islands A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-42	La Gorce	LAGO 24	La Gorce D		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-43	La Gorce Island	LAGI 49	La Gorce Island A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-44	La Gorce	LAGO 22	La Gorce B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45a	North Shore	NRSH 14	North Shore C		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45b	Normandy Isles	NOMI 50	Normandy Isles A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45c	North Shore	NRSH 16	North Shore D		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45d	North Shore	NRSH 17	North Shore E		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45e	North Shore	NRSH 18	North Shore F		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45f	La Gorce	LAGO 22	La Gorce B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45g	Oceanfront	OCFT 10	Oceanfront B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45h	Nautilus	NAUT 26	Nautilus A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45i	Nautilus	NAUT 42	Nautilus G		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Water System Master Plan	W-45k	Bayshore	BASH 28	Bayshore C		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45l	Oceanfront	OCFT 9	Oceanfront A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45m	Bayshore	BASH 8	Bayshore B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45n	City Center	CYCT 5	City Center B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45o	City Center	CYCT 4	City Center A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45p	West Avenue and Bay Road	WABR 52	West Avenue and Bay Road A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45q	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45r	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45s	Flamingo/Lummus	FLLU 35	Flamingo/Lummus B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45t	South Pointe	SOPT 43	South Pointe D		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45u	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45v	Star and Terminal Island	SRTR 34	Star and Terminal Island B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45w	Bayshore	BASH 40	Bayshore D		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-45x	Nautilus	NAUT 29	Nautilus C		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P1	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46a	Biscayne Point	BASH 8	Bayshore B		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46b	North Shore	NRSH 12	North Shore A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46c	North Shore	NRSH 13	North Shore B		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46d	Normandy Shores	NMSH 51	Normandy Shores A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46e	La Gorce Island	LAGI 49	La Gorce Island A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46f	Allison Island	ALIS 20	Allison Island B		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46g	La Gorce	LAGO 21	La Gorce A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46h	La Gorce	LAGO 23	La Gorce C		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Water System Master Plan	W-46i	La Gorce	LAGO 24	La Gorce D		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46j	Lakeview	LAVW 25	Lakeview A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46k	Lower North Bay Road	LNBR 6	Lower North Bay Road A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46l	Bayshore	BASH 7	Bayshore A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46m	Sunset Islands	SNST 47	Sunset Islands B		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46n	Sunset Islands	SNST 48	Sunset Islands C		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46o	Flamingo/Lummus	FLLU 54	Flamingo/Lummus F		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46p	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46q	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46r	Sunset Harbor	SNHB 1	Sunset Harbor A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46s	Biscayne Point	BISP 11	Biscayne Point A		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46t	Nautilus	NAUT 27	Nautilus B		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-46u	Nautilus	NAUT 41	Nautilus F		X	5.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P2	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47a	Biscayne Point	BISP 37	Biscayne Point C		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47b	Biscayne Point	BISP 15	Biscayne Point B		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47c	Nautilus	NAUT 39	Nautilus E		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47d	Flamingo/Lummus	FLLU 3	Flamingo/Lummus A		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47e	Venetian Islands	VENI 31	Venetian Islands B		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47f	Venetian Islands	VENI 30	Venetian Islands A		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47g	South Pointe	SOPT 1	South Pointe A		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-47h	Palm and Hibiscus	PAHI 32	Palm and Hibiscus A		X	3.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity P3	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-26	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
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H&S Water System Master Plan	W-27	Normandy Isles	NOMI 50	Normandy Isles A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-27	North Shore	NRSH 17	North Shore E		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-27	North Shore	NRSH 16	North Shore D		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-27	North Shore	NRSH 14	North Shore C		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-28	Flamingo/Lummus	FLLU 54	Flamingo/Lummus F		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-28	Flamingo/Lummus	FLLU 3	Flamingo/Lummus A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-15	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-15	West Avenue and Bay Road	WABR 52	West Avenue and Bay Road A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-18	South Pointe	SOPT 43	South Pointe D		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-18	South Pointe	SOPT 1	South Pointe A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-18	Flamingo/Lummus	FLLU 35	Flamingo/Lummus B		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-18	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-18	City Center	CYCT 4	City Center A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-18	Lower North Bay Road	LNBR 6	Lower North Bay Road A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-18	Bayshore	BASH 7	Bayshore A		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-21	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-24	City Center	CYCT 5	City Center B		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-29	South Pointe	SOPT 43	South Pointe D		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-29	South Pointe	SOPT 36	South Pointe C		X	10.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Fire Suppression: Pressure and Capacity	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-07	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-01	Bayshore	BASH 7	Bayshore A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-02	North Shore	NRSH 14	North Shore C		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
H&S Water System Master Plan	W-03	Normandy Isles	NOMI 50	Normandy Isles A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-04	Palm and Hibiscus	PAHI 32	Palm and Hibiscus A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-05	Venetian Islands	VENI 31	Venetian Islands B		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	W-06	Star and Terminal Island	SRTR 33	Star and Terminal Island A		X	8.00	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Domestic Water Supply: Capacity	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	S-17	Venetian Islands	VENI 30	Venetian Islands A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	S-17	Venetian Islands	VENI 30	Venetian Islands A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
H&S Water System Master Plan	S-17	Venetian Islands	VENI 30	Venetian Islands A		X	8.50	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	Upgrade Lift Stations	10	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	29	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	43	Bayshore	BASH 40	Bayshore D	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	31	South Pointe	SOPT 43	South Pointe D	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	61	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C	X	X	4.00	N/A	0	N/A	0	N/A	0	TFAP	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	35	North Shore	NRSH 17	North Shore E	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	9	South Pointe	SOPT 43	South Pointe D	X	X	6.00	N/A	0	N/A	0	N/A	0	TFAP	6	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	62	Flamingo/Lummus	FLLU 55	Flamingo/Lummus G	X	X	4.00	N/A	0	N/A	0	N/A	0	TFAP	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	57	City Center	CYCT 4	City Center A	X	X	4.00	N/A	0	N/A	0	N/A	0	TFAP	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	58	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	56	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E	X	X	6.00	N/A	0	N/A	0	N/A	0	TFAP	6	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	59	Flamingo/Lummus	FLLU 53	Flamingo/Lummus E	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	10	South Pointe	SOPT 43	South Pointe D	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	1	Lower North Bay Road	LNBR 6	Lower North Bay Road A	X	X	10.00	N/A	0	N/A	0	N/A	0	TFAP	10	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	60	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	34	Normandy Isles	NOMI 50	Normandy Isles A	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
Tidal Flood Adaptation Project	48	Normandy Isles	NOMI 50	Normandy Isles A	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	14	North Shore	NRSH 16	North Shore D	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	6	North Shore	NRSH 12	North Shore A	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	47	Normandy Isles	NOMI 50	Normandy Isles A	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	12	North Shore	NRSH 16	North Shore D	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	24	Bayshore	BASH 28	Bayshore C	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	50	Oceanfront	OCFT 10	Oceanfront B	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	53	City Center	CYCT 5	City Center B	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	4	Oceanfront	OCFT 9	Oceanfront A	X	X	8.00	N/A	0	N/A	0	N/A	0	TFAP	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	15	Oceanfront	OCFT 10	Oceanfront B	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	2	Biscayne Point	BISP 11	Biscayne Point A	X	X	6.00	N/A	0	N/A	0	N/A	0	TFAP	6	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	23	Lakeview	LAVW 25	Lakeview A	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	42	Nautilus	NAUT 39	Nautilus E	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	32	Bayshore	BASH 40	Bayshore D	X	X	4.00	N/A	0	N/A	0	N/A	0	TFAP	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	49	La Gorce Island	LAGI 49	La Gorce Island A	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	21	Normandy Isles	NOMI 50	Normandy Isles A	X	X	5.00	N/A	0	N/A	0	N/A	0	TFAP	5	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	27	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	40	Nautilus	NAUT 42	Nautilus G	X	X	4.00	N/A	0	N/A	0	N/A	0	TFAP	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	28	Flamingo/Lummus	FLLU 44	Flamingo/Lummus C	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	16	Normandy Shores	NMSH 51	Normandy Shores A	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	41	Nautilus	NAUT 39	Nautilus E	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	54	Nautilus	NAUT 39	Nautilus E	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

Needs Scoring and Scenario Assignment

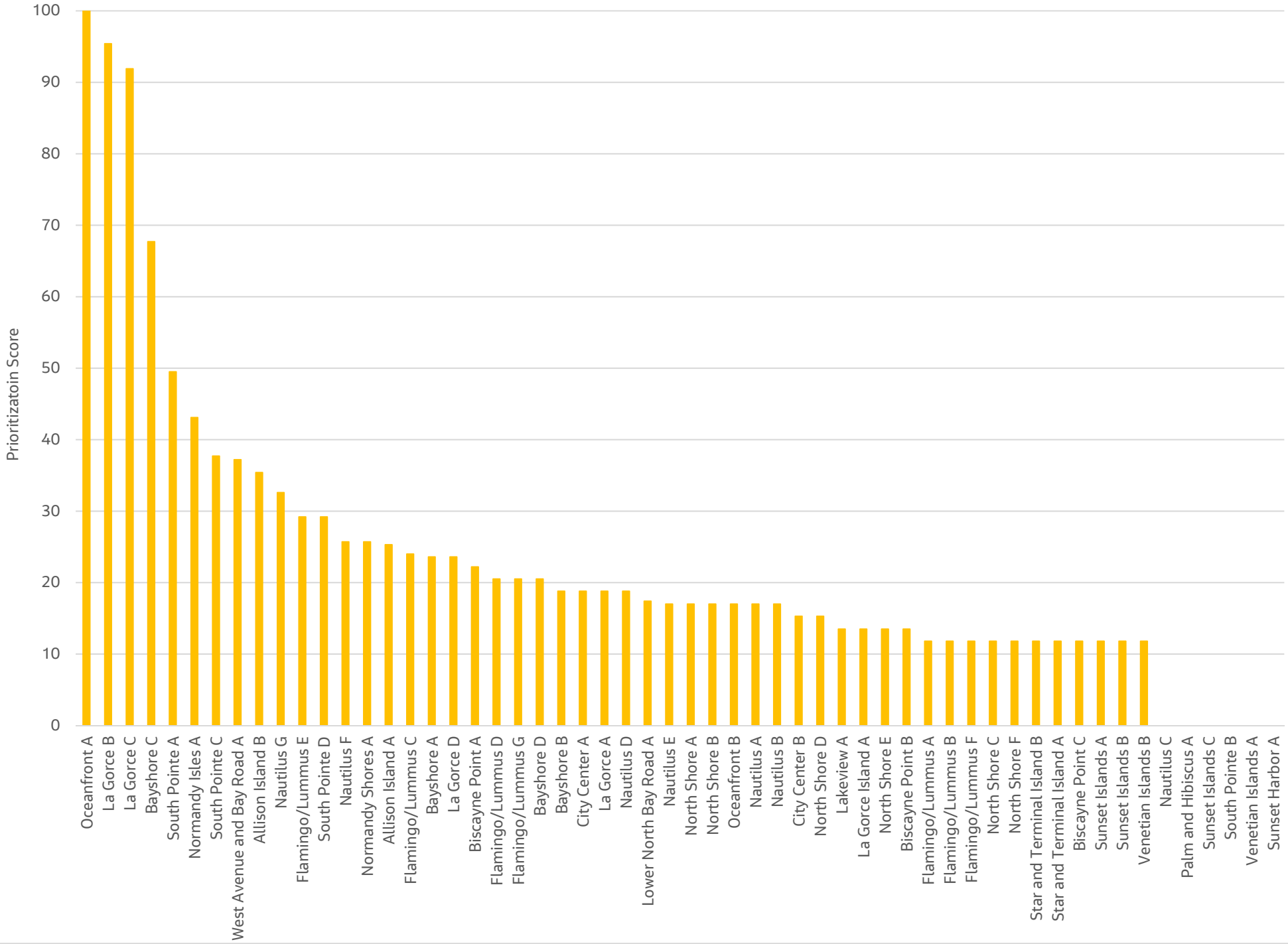
								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
Tidal Flood Adaptation Project	51	La Gorce	LAGO 23	La Gorce C	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	52	Nautilus	NAUT 38	Nautilus D	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	3	La Gorce	LAGO 22	La Gorce B	X	X	7.00	N/A	0	N/A	0	N/A	0	TFAP	7	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	37	La Gorce	LAGO 23	La Gorce C	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	38	La Gorce	LAGO 21	La Gorce A	X	X	4.00	N/A	0	N/A	0	N/A	0	TFAP	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	22	La Gorce	LAGO 23	La Gorce C	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	5a	Nautilus	NAUT 41	Nautilus F	X	X	8.00	N/A	0	N/A	0	N/A	0	TFAP	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	5b	Nautilus	NAUT 38	Nautilus D	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	5c	Nautilus	NAUT 42	Nautilus G	X	X	8.00	N/A	0	N/A	0	N/A	0	TFAP	8	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	45	Normandy Shores	NMSH 51	Normandy Shores A	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	46	Normandy Shores	NMSH 51	Normandy Shores A	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	7	Flamingo/Lummus	FLLU 45	Flamingo/Lummus D	X	X	4.00	N/A	0	N/A	0	N/A	0	TFAP	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	26	Bayshore	BASH 8	Bayshore B	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	13	Biscayne Point	BISP 15	Biscayne Point B	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	25	Bayshore	BASH 28	Bayshore C	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	30	Bayshore	BASH 28	Bayshore C	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	39	Nautilus	NAUT 26	Nautilus A	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	18	Normandy Isles	NOMI 50	Normandy Isles A	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	19	Normandy Isles	NOMI 50	Normandy Isles A	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	33	Normandy Isles	NOMI 50	Normandy Isles A	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	17	Normandy Shores	NMSH 51	Normandy Shores A	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	11	North Shore	NRSH 13	North Shore B	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

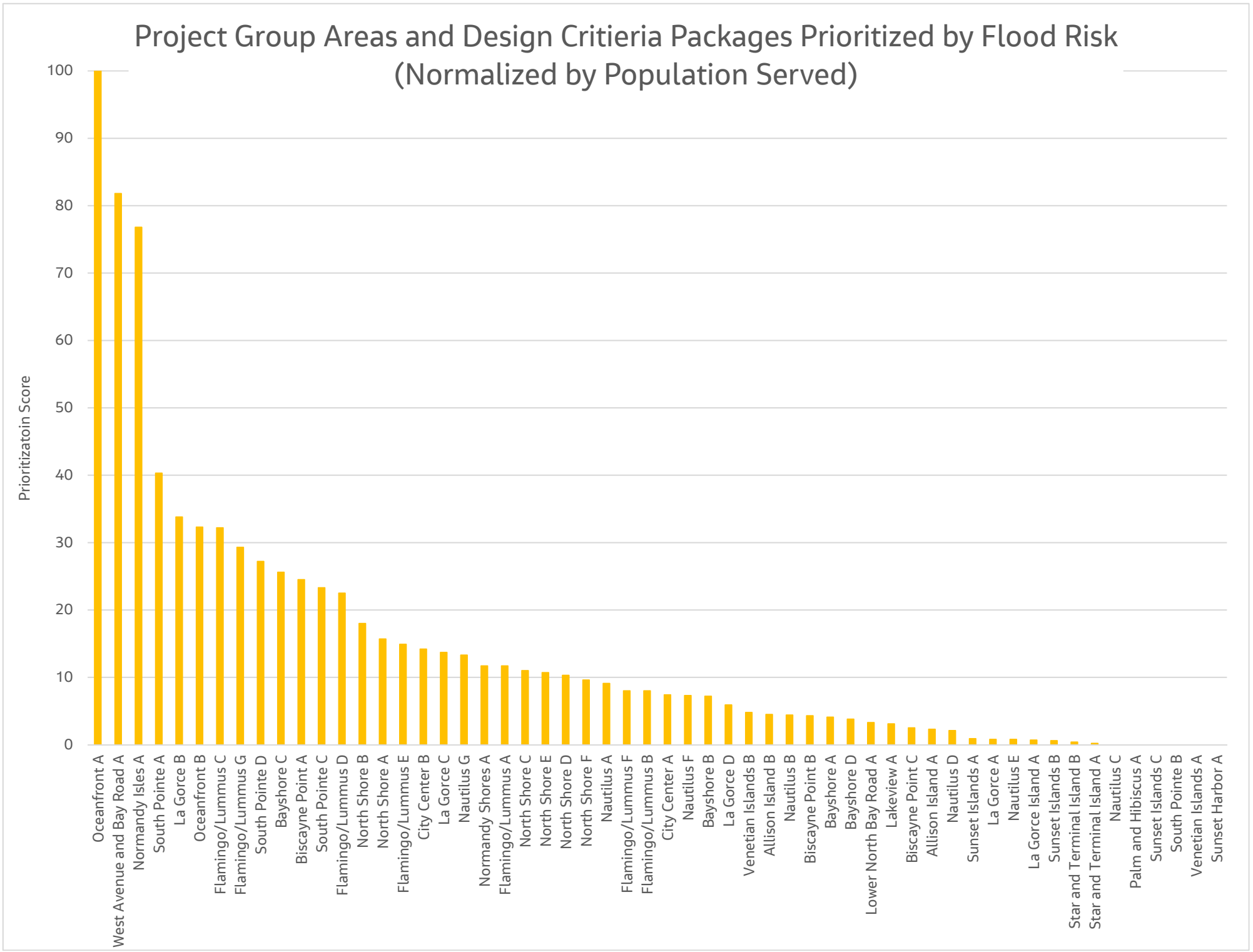
Needs Scoring and Scenario Assignment

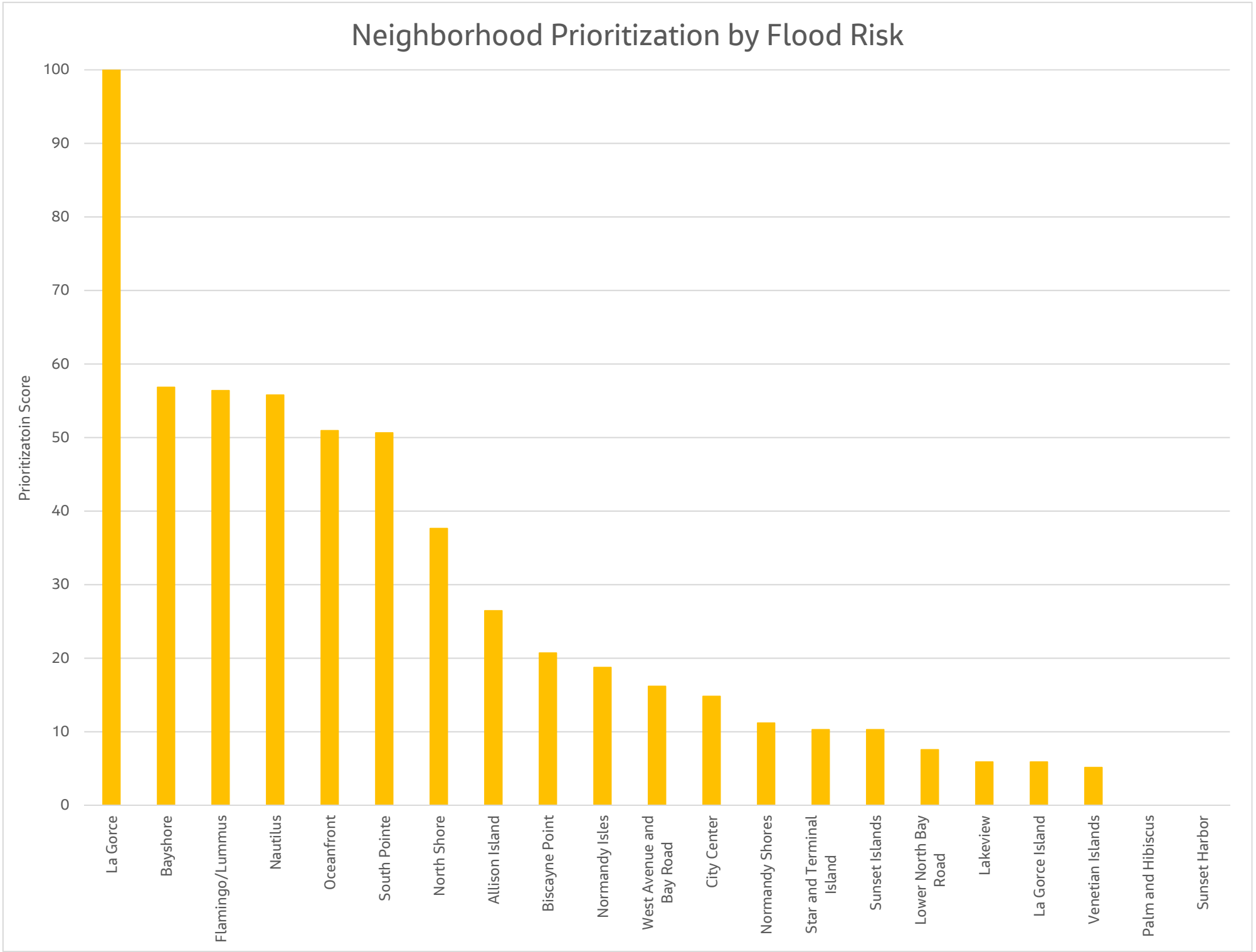
								Aesthetics	35	Emergency (Critical) Facilities & Roads	90	Environmental Benefits	70	Coastal Flood Risk Management	100	Economic Development	60	Potable Water Distribution / Fire Suppression System	100	Pedestrian and Bicycle Mobility	50	Sanitary Sewer Service Delivery	85	Rain Driven Storm Water Management	85	Road Classification	40	Road Condition Maintenance	40
Project Source	**Needs Tracking Number**	**Neighborhood**	**PGA**	**DCP**	**FR Scenario (1)**	**W&S+FR Scenario (2)**	**Summary Benefit Score**	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value	Attribute	Attribute Value
Tidal Flood Adaptation Project	20	Normandy Isles	NOMI 50	Normandy Isles A	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	44	Normandy Shores	NMSH 51	Normandy Shores A	X	X	2.00	N/A	0	N/A	0	N/A	0	TFAP	2	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	55	Bayshore	BASH 8	Bayshore B	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	8	Nautilus	NAUT 27	Nautilus B	X	X	3.00	N/A	0	N/A	0	N/A	0	TFAP	3	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0
Tidal Flood Adaptation Project	36	Allison Island	ALIS 19	Allison Island A	X	X	1.00	N/A	0	N/A	0	N/A	0	TFAP	1	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0

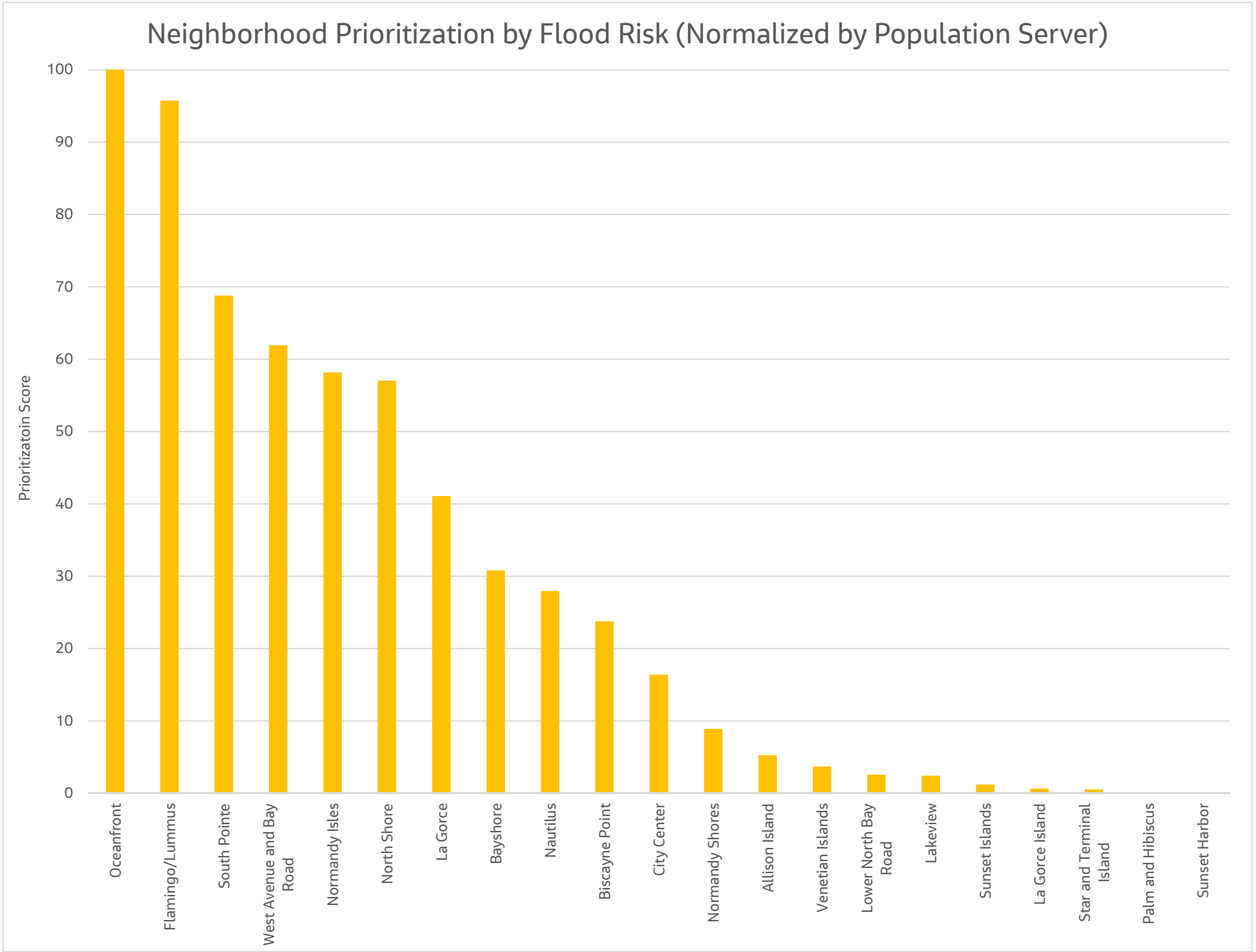
Appendix E
Prioritization Results – Tables, Charts, and City-Wide Maps

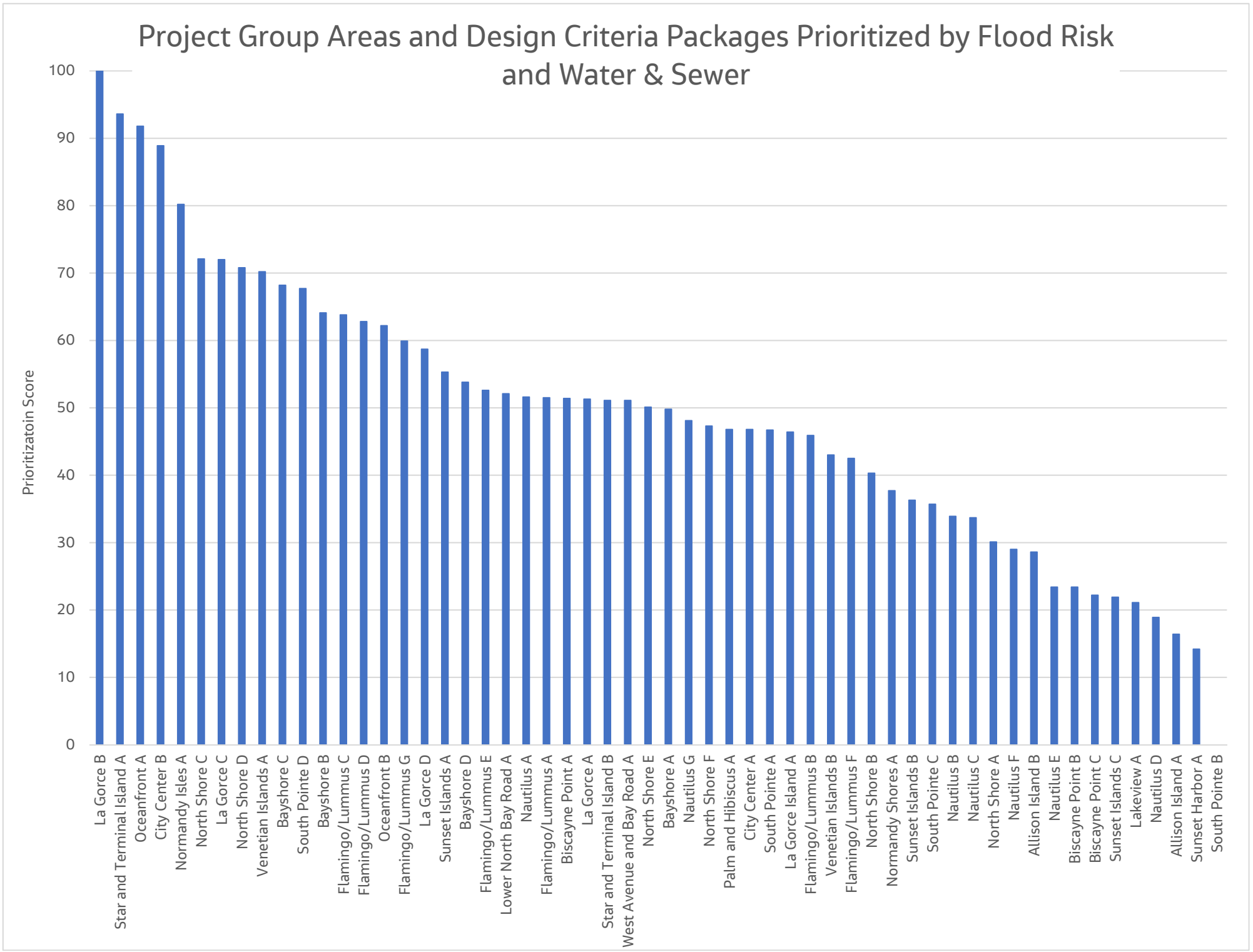
Project Group Areas and Design Critieria Packages Prioritized by Flood Risk

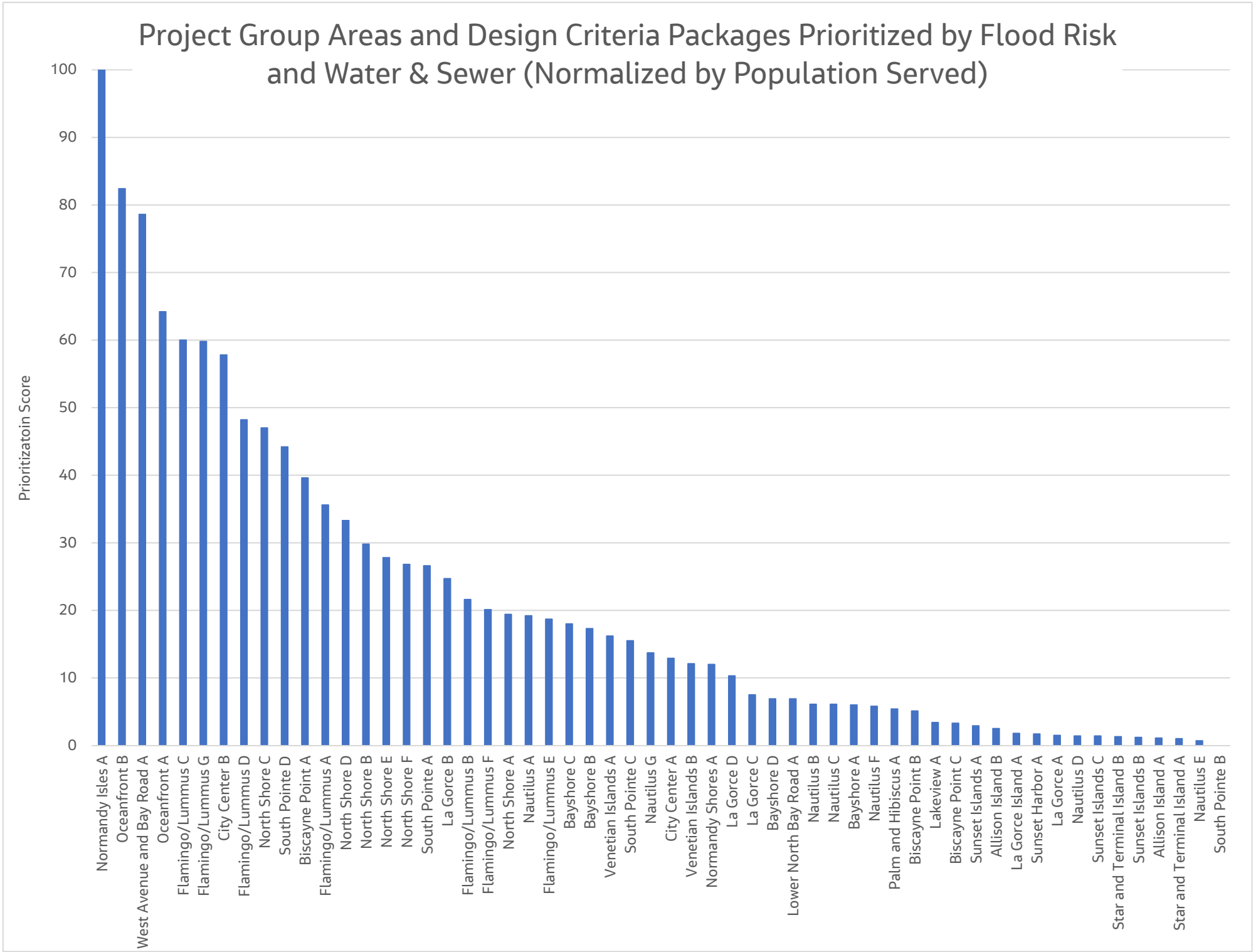


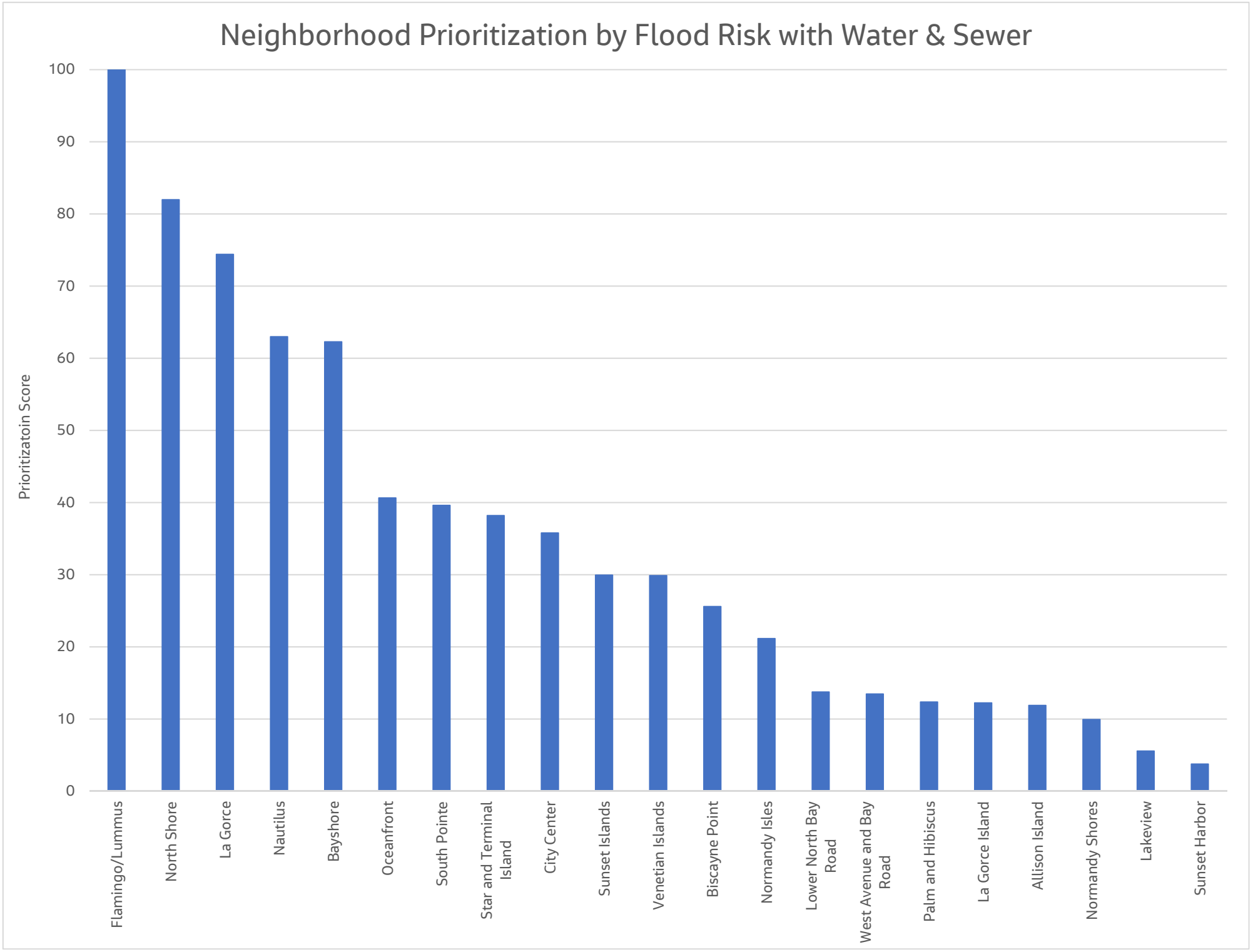

Project Group Areas and Design Critieria Packages Prioritized by Flood Risk
(Normalized by Population Served)
Prioritizatoin Score
100
90
80
70
60
50
40
30
20
10
0
Oceanfront A
West Avenue and Bay Road A
Normandy Isles A
South Pointe A
La Gorce B
Oceanfront B
Flamingo/Lummus C
Flamingo/Lummus G
South Pointe D
Bayshore C
Biscayne Point A
South Pointe C
Flamingo/Lummus D
North Shore B
North Shore A
Flamingo/Lummus E
City Center B
La Gorce C
Nautilus G
Normandy Shores A
Flamingo/Lummus A
North Shore C
North Shore E
North Shore D
North Shore F
Nautilus A
Flamingo/Lummus F
Flamingo/Lummus B
City Center A
Nautilus F
Bayshore B
La Gorce D
Venetian Islands B
Allison Island B
Nautilus B
Biscayne Point B
Bayshore A
Bayshore D
Lower North Bay Road A
Lakeview A
Biscayne Point C
Allison Island A
Nautilus D
Sunset Islands A
La Gorce A
Nautilus E
La Gorce Island A
Sunset Islands B
Star and Terminal Island B
Star and Terminal Island A
Nautilus C
Palm and Hibiscus A
Sunset Islands C
South Pointe B
Venetian Islands A
Sunset Harbor A

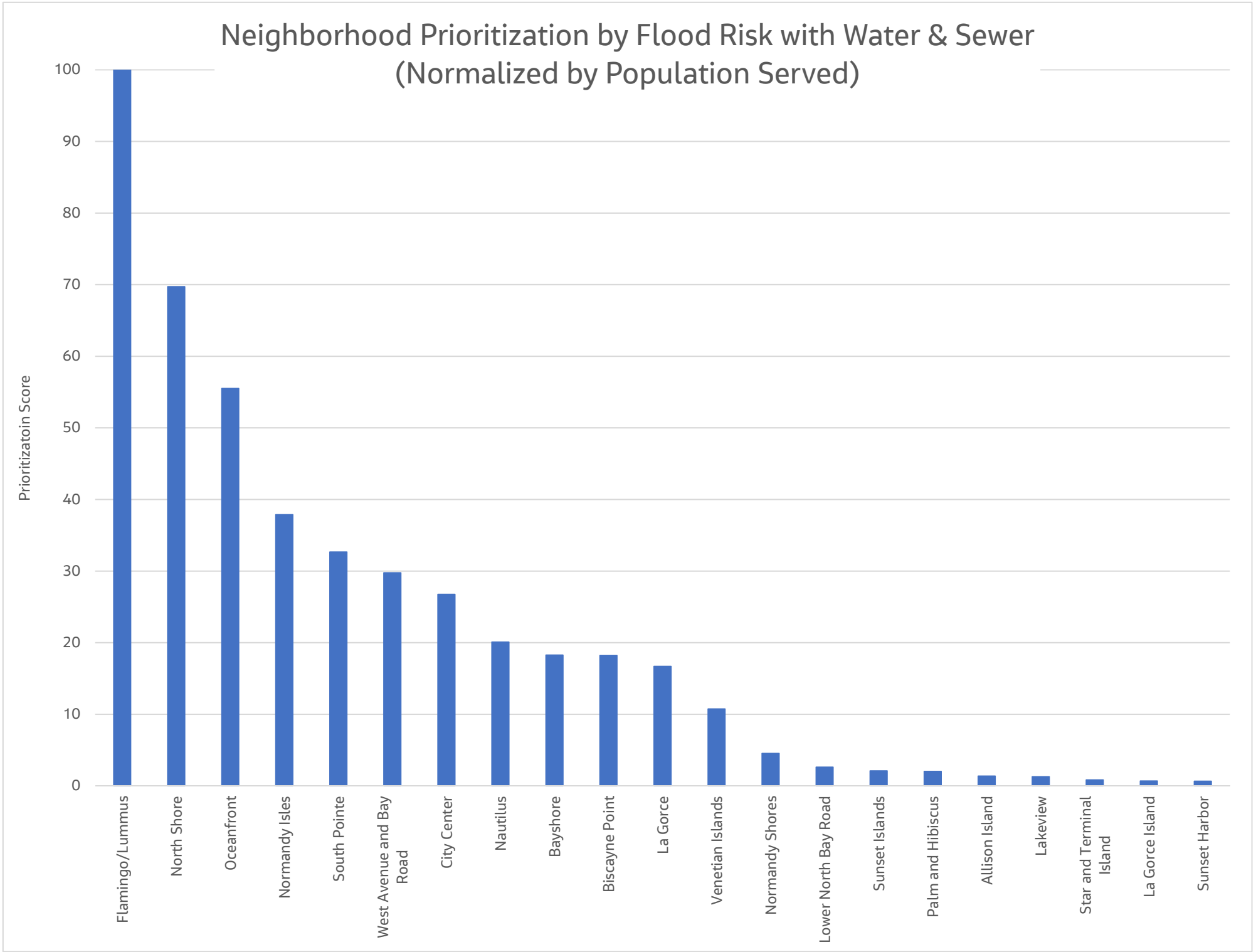

Neighborhood Prioritization by Flood Risk
Prioritizatoin Score
100
90
80
70
60
50
40
30
20
10
0
La Gorce
Bayshore
Flamingo/Lummus
Nautilus
Oceanfront
South Pointe
North Shore
Allison Island
Biscayne Point
Normandy Isles
West Avenue and Bay Road
City Center
Normandy Shores
Star and Terminal Island
Sunset Islands
Lower North Bay Road
Lakeview
La Gorce Island
Venetian Islands
Palm and Hibiscus
Sunset Harbor


Neighborhood Prioritization by Flood Risk (Normalized by Population Server)
Prioritizatoin Score
100
90
80
70
60
50
40
30
20
10
0
Oceanfront
Flamingo/Lummus
South Pointe
West Avenue and Bay Road
Normandy Isles
North Shore
La Gorce
Bayshore
Nautilus
Biscayne Point
City Center
Normandy Shores
Allison Island
Venetian Islands
Lower North Bay Road
Lakeview
Sunset Islands
La Gorce Island
Star and Terminal Island
Palm and Hibiscus
Sunset Harbor


Project Group Areas and Design Criteria Packages Prioritized by Flood Risk and Water & Sewer
Prioritizatoin Score
100
90
80
70
60
50
40
30
20
10
0
La Gorce B
Star and Terminal Island A
Oceanfront A
City Center B
Normandy Isles A
North Shore C
La Gorce C
North Shore D
Venetian Islands A
Bayshore C
South Pointe D
Bayshore B
Flamingo/Lummus C
Flamingo/Lummus D
Oceanfront B
Flamingo/Lummus G
La Gorce D
Sunset Islands A
Bayshore D
Flamingo/Lummus E
Lower North Bay Road A
Nautilus A
Flamingo/Lummus A
Biscayne Point A
La Gorce A
Star and Terminal Island B
West Avenue and Bay Road A
North Shore E
Bayshore A
Nautilus G
North Shore F
Palm and Hibiscus A
City Center A
South Pointe A
La Gorce Island A
Flamingo/Lummus B
Venetian Islands B
Flamingo/Lummus F
North Shore B
Normandy Shores A
Sunset Islands B
South Pointe C
Nautilus B
Nautilus C
North Shore A
Nautilus F
Allison Island B
Nautilus E
Biscayne Point B
Biscayne Point C
Sunset Islands C
Lakeview A
Nautilus D
Allison Island A
Sunset Harbor A
South Pointe B


Project Group Areas and Design Criteria Packages Prioritized by Flood Risk and Water & Sewer (Normalized by Population Served)
Prioritizatoin Score
100
90
80
70
60
50
40
30
20
10
0
Normandy Isles A
Oceanfront B
West Avenue and Bay Road A
Oceanfront A
Flamingo/Lummus C
Flamingo/Lummus G
City Center B
Flamingo/Lummus D
North Shore C
South Pointe D
Biscayne Point A
Flamingo/Lummus A
North Shore D
North Shore B
North Shore E
North Shore F
South Pointe A
La Gorce B
Flamingo/Lummus B
Flamingo/Lummus F
North Shore A
Nautilus A
Flamingo/Lummus E
Bayshore C
Bayshore B
Venetian Islands A
South Pointe C
Nautilus G
City Center A
Venetian Islands B
Normandy Shores A
La Gorce D
La Gorce C
Bayshore D
Lower North Bay Road A
Nautilus B
Nautilus C
Bayshore A
Nautilus F
Palm and Hibiscus A
Biscayne Point B
Lakeview A
Biscayne Point C
Sunset Islands A
Allison Island B
La Gorce Island A
Sunset Harbor A
La Gorce A
Nautilus D
Sunset Islands C
Star and Terminal Island B
Sunset Islands B
Allison Island A
Star and Terminal Island A
Nautilus E
South Pointe B


Neighborhood Prioritization by Flood Risk with Water & Sewer
Prioritizatoin Score
100
90
80
70
60
50
40
30
20
10
0
Flamingo/Lummus
North Shore
La Gorce
Nautilus
Bayshore
Oceanfront
South Pointe
Star and Terminal Island
City Center
Sunset Islands
Venetian Islands
Biscayne Point
Normandy Isles
Lower North Bay Road
West Avenue and Bay Road
Palm and Hibiscus
La Gorce Island
Allison Island
Normandy Shores
Lakeview
Sunset Harbor


Neighborhood Prioritization by Flood Risk with Water & Sewer
(Normalized by Population Served)
Prioritizatoin Score
100
90
80
70
60
50
40
30
20
10
0
Flamingo/Lummus
North Shore
Oceanfront
Normandy Isles
South Pointe
West Avenue and Bay Road
City Center
Nautilus
Bayshore
Biscayne Point
La Gorce
Venetian Islands
Normandy Shores
Lower North Bay Road
Sunset Islands
Palm and Hibiscus
Allison Island
Lakeview
Star and Terminal Island
La Gorce Island
Sunset Harbor

Project Group Area and Design Criteria Package Results

PGA and DCP	Flood Risk (1)	Flood Risk - Weighted (1)	Flood Risk and Water & Sewer (2)	Flood Risk and Water & Sewer - Weighted (2)
Normandy Isles A	43.10	76.80	80.20	100.00
Oceanfront B	17.00	32.30	62.20	82.40
West Avenue and Bay Road A	37.20	81.80	51.10	78.60
Oceanfront A	100.00	100.00	91.80	64.20
Flamingo/Lummus C	24.00	32.20	63.80	60.00
Flamingo/Lummus G	20.50	29.30	59.90	59.80
City Center B	15.30	14.20	88.90	57.80
Flamingo/Lummus D	20.50	22.50	62.80	48.20
North Shore C	11.80	11.00	72.10	47.00
South Pointe D	29.20	27.20	67.70	44.20
Biscayne Point A	22.20	24.50	51.40	39.60
Flamingo/Lummus A	11.80	11.70	51.50	35.60
North Shore D	15.30	10.30	70.80	33.30
North Shore B	17.00	18.00	40.30	29.80
North Shore E	13.50	10.70	50.10	27.80
North Shore F	11.80	9.60	47.30	26.80
South Pointe A	49.50	40.30	46.70	26.60
La Gorce B	95.40	33.80	100.00	24.70
Flamingo/Lummus B	11.80	8.00	45.90	21.60
Flamingo/Lummus F	11.80	8.00	42.50	20.10
North Shore A	17.00	15.70	30.10	19.40
Nautilus A	17.00	9.10	51.60	19.20
Flamingo/Lummus E	29.20	14.90	52.60	18.70
Bayshore C	67.70	25.60	68.20	18.00
Bayshore B	18.80	7.20	64.10	17.30
Venetian Islands A	0.00	0.00	70.20	16.20
South Pointe C	37.70	23.30	35.70	15.50
Nautilus G	32.60	13.30	48.10	13.70
City Center A	18.80	7.40	46.80	12.90
Venetian Islands B	11.80	4.80	43.00	12.10
Normandy Shores A	25.70	11.70	37.70	12.00
La Gorce D	23.60	5.90	58.70	10.30
La Gorce C	91.90	13.70	72.00	7.50
Bayshore D	20.50	3.80	53.80	6.90
Lower North Bay Road A	17.40	3.30	52.10	6.90
Nautilus B	17.00	4.40	33.90	6.10
Nautilus C	0.00	0.00	33.70	6.10
Bayshore A	23.60	4.10	49.80	6.00
Nautilus F	25.70	7.30	29.00	5.80
Palm and Hibiscus A	0.00	0.00	46.80	5.40
Biscayne Point B	13.50	4.30	23.40	5.10
Lakeview A	13.50	3.10	21.10	3.40
Biscayne Point C	11.80	2.50	22.20	3.30

Project Group Area and Design Criteria Package Results

PGA and DCP	Flood Risk (1)	Flood Risk - Weighted (1)	Flood Risk and Water & Sewer (2)	Flood Risk and Water & Sewer - Weighted (2)
Sunset Islands A	11.80	0.90	55.30	2.90
Allison Island B	35.40	4.50	28.60	2.50
La Gorce Island A	13.50	0.70	46.40	1.80
Sunset Harbor A	0.00	0.00	14.20	1.70
La Gorce A	18.80	0.80	51.30	1.50
Sunset Islands C	0.00	0.00	21.90	1.40
Nautilus D	18.80	2.10	18.90	1.40
Star and Terminal Island B	11.80	0.40	51.10	1.30
Sunset Islands B	11.80	0.60	36.30	1.20
Allison Island A	25.30	2.30	16.40	1.10
Star and Terminal Island A	11.80	0.20	93.60	1.00
Nautilus E	17.00	0.80	23.40	0.70
South Pointe B	0.00	0.00	0.00	0.00

Neighborhood Ranking Results

Neighborhood	Flood Risk (1)	Flood Risk - Weighted (1)	Flood Risk and Water & Sewer (2)	Flood Risk and Water & Sewer - Weighted (2)
Allison Island	26.46	5.17	11.89	1.36
Bayshore	56.84	30.72	62.27	18.26
Biscayne Point	20.71	23.70	25.59	18.22
City Center	14.81	16.32	35.79	26.74
Flamingo/Lummus	56.39	95.66	100.00	100.00
La Gorce	100.00	41.00	74.40	16.68
La Gorce Island	5.90	0.56	12.24	0.67
Lakeview	5.90	2.34	5.57	1.28
Lower North Bay Road	7.56	2.49	13.74	2.62
Nautilus	55.78	27.89	62.99	20.09
Normandy Isles	18.75	58.09	21.16	37.87
Normandy Shores	11.19	8.83	9.94	4.53
North Shore	37.64	56.95	81.98	69.71
Oceanfront	50.94	100.00	40.64	55.50
Palm and Hibiscus	0.00	0.00	12.36	2.03
South Pointe	50.64	68.72	39.61	32.65
Star and Terminal Island	10.28	0.44	38.20	0.84
Sunset Harbor	0.00	0.00	3.76	0.66
Sunset Islands	10.28	1.11	29.96	2.09
Venetian Islands	5.14	3.61	29.88	10.75
West Avenue and Bay Road	16.18	61.85	13.48	29.76

Legend

Prioritized Neighborhoods (Normalized by Population Served)

1. Oceanfront
2. Flamingo/Lummus
3. South Pointe
4. West Avenue and Bay Road
5. Normandy Isles
6. North Shore
7. La Gorce
8. Bayshore
9. Nautilus
10. Biscayne Point
11. City Center
12. Normandy Shores
13. Allison Island
14. Venetian Islands
15. Lower North Bay Road
16. Lakeview
17. Sunset Islands
18. La Gorce Island
19. Star and Terminal Island
20. Sunset Harbor
21. Palm and Hibiscus

Biscayne Point
North Shore
Normandy Shores
Normandy Isles
Allison Island
La Gorce Island
La Gorce
Oceanfront
Lakeview
Nautilus
Lower North Bay Road
Bayshore
Sunset Islands
Sunset Harbor
City Center
Venetian Islands
West Avenue and Bay Rd
Palm & Hibiscus
Flamingo/Lummus
Star and Terminal Island
South Pointe

N
W
E
S

City of Miami Beach

Neighborhood Prioritization by Flood Risk (Normalized by Population Served)

0 0.5 1 Mile

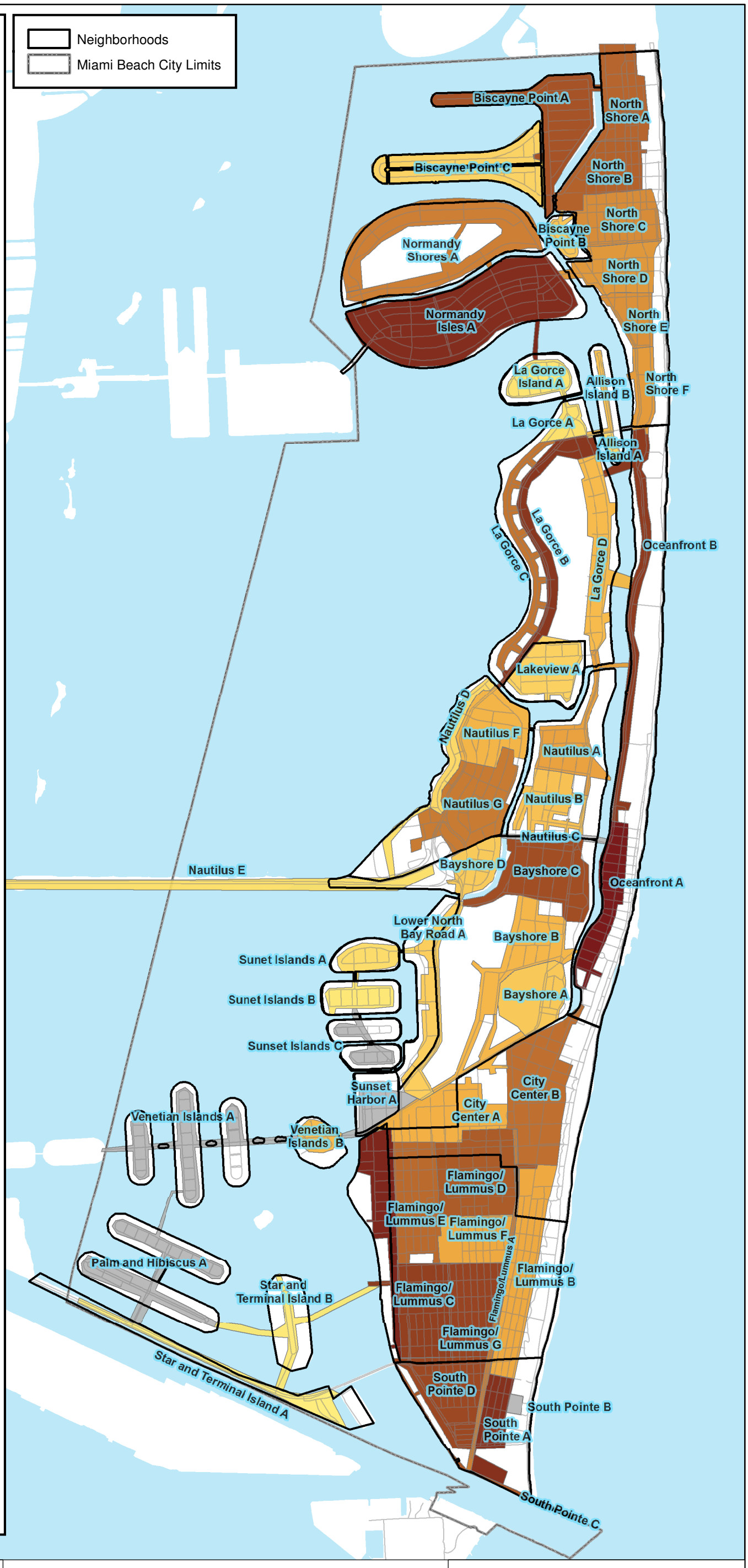
Legend

Prioritized Project Group Areas (Normalized by Population Served)

1. Oceanfront A
2. West Avenue and Bay Road A
3. Normandy Isles A
4. South Pointe A
5. La Gorce B
6. Oceanfront B
7. Flamingo/Lummus C
8. Flamingo/Lummus G
9. South Pointe D
10. Bayshore C
11. Biscayne Point A
12. South Pointe C
13. Flamingo/Lummus D
14. North Shore B
15. North Shore A
16. Flamingo/Lummus E
17. City Center B
18. La Gorce C
19. Nautilus G
20. Flamingo/Lummus A
21. Normandy Shores A
22. North Shore C
23. North Shore E
24. North Shore D
25. North Shore F
26. Nautilus A
27. Flamingo/Lummus B
28. Flamingo/Lummus F
29. City Center A
30. Nautilus F
31. Bayshore B
32. La Gorce D
33. Venetian Islands B
34. Allison Island B
35. Nautilus B
36. Biscayne Point B
37. Bayshore A
38. Bayshore D
39. Lower North Bay Road A
40. Lakeview A
41. Biscayne Point C
42. Allison Island
43. Nautilus D
44. Sunset Islands A
45. La Gorce A
46. Nautilus E
47. La Gorce Island A
48. Sunset Islands B
49. Star and Terminal Island B
50. Star and Terminal Island A
51. South Pointe B
52. Nautilus C
53. Venetian Islands A
54. Palm and Hibiscus A
55. Sunset Islands C
56. Sunset Harbor A

Neighborhoods

Miami Beach City Limits



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City of Miami Beach

Project Group Area Prioritization by Flood Risk (Normalized by Population Served)

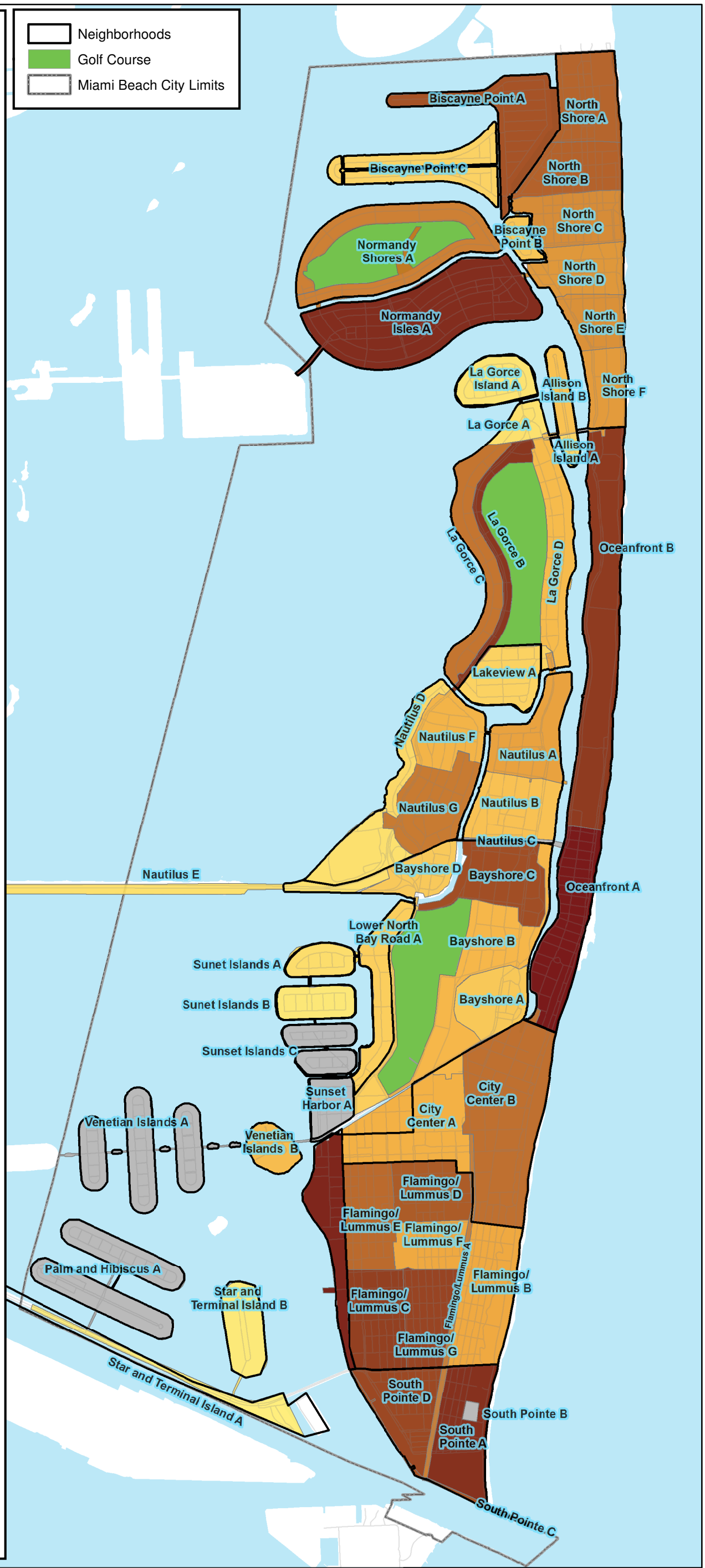
0 0.5 1 Mile

Legend

Prioritized Design Criteria Packages (Normalized by Population Served)

1. Oceanfront A
2. West Avenue and Bay Road A
3. Normandy Isles A
4. South Pointe A
5. La Gorce B
6. Oceanfront B
7. Flamingo/Lummus C
8. Flamingo/Lummus G
9. South Pointe D
10. Bayshore C
11. Biscayne Point A
12. South Pointe C
13. Flamingo/Lummus D
14. North Shore B
15. North Shore A
16. Flamingo/Lummus E
17. City Center B
18. La Gorce C
19. Nautilus G
20. Flamingo/Lummus A
21. Normandy Shores A
22. North Shore C
23. North Shore E
24. North Shore D
25. North Shore F
26. Nautilus A
27. Flamingo/Lummus B
28. Flamingo/Lummus F
29. City Center A
30. Nautilus F
31. Bayshore B
32. La Gorce D
33. Venetian Islands B
34. Allison Island B
35. Nautilus B
36. Biscayne Point B
37. Bayshore A
38. Bayshore D
39. Lower North Bay Road A
40. Lakeview A
41. Biscayne Point C
42. Allison Island
43. Nautilus D
44. Sunset Islands A
45. La Gorce A
46. Nautilus E
47. La Gorce Island A
48. Sunset Islands B
49. Star and Terminal Island B
50. Star and Terminal Island A
51. South Pointe B
52. Nautilus C
53. Venetian Islands A
54. Palm and Hibiscus A
55. Sunset Islands C
56. Sunset Harbor A

Neighborhoods
Golf Course
Miami Beach City Limits



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City of Miami Beach

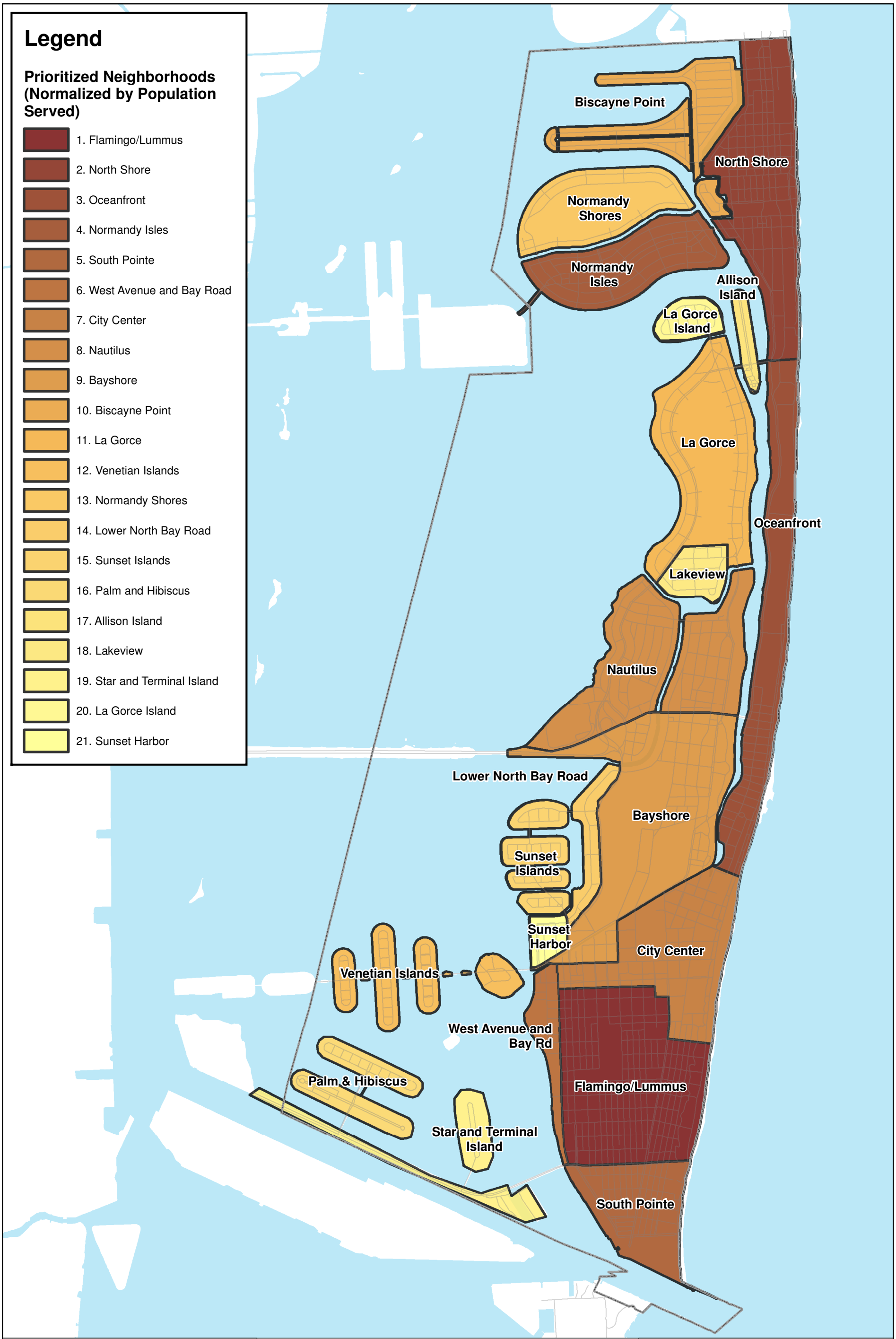
Design Criteria Packages Prioritized by Flood Risk (Normalized by Population Served)

0 0.5 1 Mile

Legend

Prioritized Neighborhoods (Normalized by Population Served)

1. Flamingo/Lummus
2. North Shore
3. Oceanfront
4. Normandy Isles
5. South Pointe
6. West Avenue and Bay Road
7. City Center
8. Nautilus
9. Bayshore
10. Biscayne Point
11. La Gorce
12. Venetian Islands
13. Normandy Shores
14. Lower North Bay Road
15. Sunset Islands
16. Palm and Hibiscus
17. Allison Island
18. Lakeview
19. Star and Terminal Island
20. La Gorce Island
21. Sunset Harbor



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City of Miami Beach

Neighborhood Prioritization by Flood Risk with Water & Sewer (Normalized by Population Served)

0 0.5 1 Mile

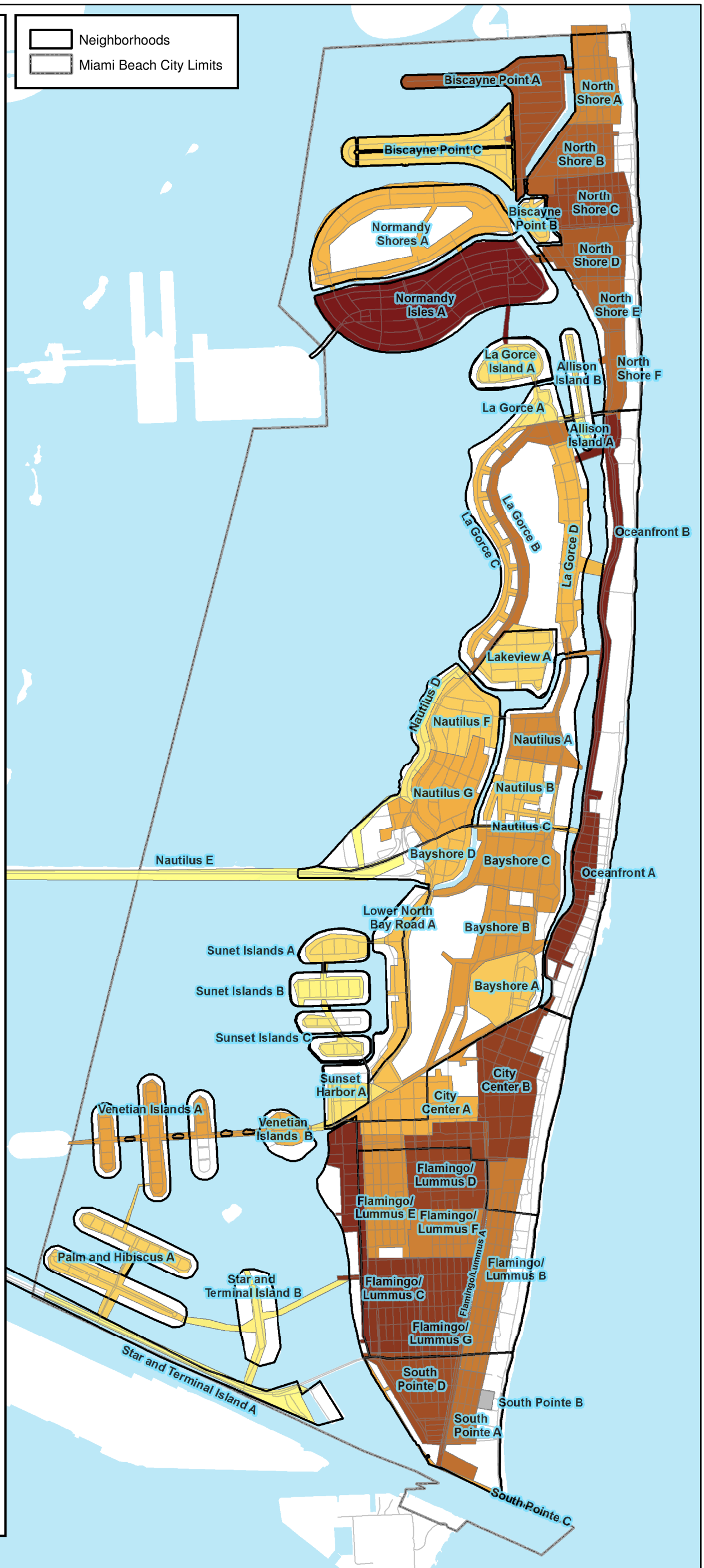
Legend

Prioritized Project Group Areas (Normalized by Population Served)

1. Normandy Isles A
2. Oceanfront B
3. West Avenue and Bay Road A
4. Oceanfront A
5. Flamingo/Lummus C
6. Flamingo/Lummus G
7. City Center B
8. Flamingo/Lummus D
9. North Shore C
10. South Pointe D
11. Biscayne Point A
12. Flamingo/Lummus A
13. North Shore D
14. North Shore B
15. North Shore E
16. North Shore F
17. South Pointe A
18. La Gorce B
19. Flamingo/Lummus B
20. Flamingo/Lummus F
21. North Shore A
22. Nautilus A
23. Flamingo/Lummus E
24. Bayshore C
25. Bayshore B
26. Venetian Islands A
27. South Pointe C
28. Nautilus G
29. City Center A
30. Venetian Islands B
31. Normandy Shores A
32. La Gorce D
33. La Gorce C
34. Lower North Bay Road A
35. Bayshore D
36. Nautilus B
37. Nautilus C
38. Bayshore A
39. Nautilius F
40. Palm and Hibiscus A
41. Biscayne Point B
42. Lakeview A
43. Biscayne Point C
44. Sunset Islands A
45. Allison Island B
46. La Gorce Island A
47. Sunset Harbor A
48. La Gorce A
49. Nautilus D
50. Sunset Islands C
51. Star and Terminal Island B
52. Sunset Islands B
53. Allison Island A
54. Star and Terminal Island A
55. Nautilus E
56. South Pointe B

Neighborhoods

Miami Beach City Limits



N W E S

City of Miami Beach

Project Group Areas
Prioritized by Flood Risk with Water & Sewer
(Normalized by Population Served)

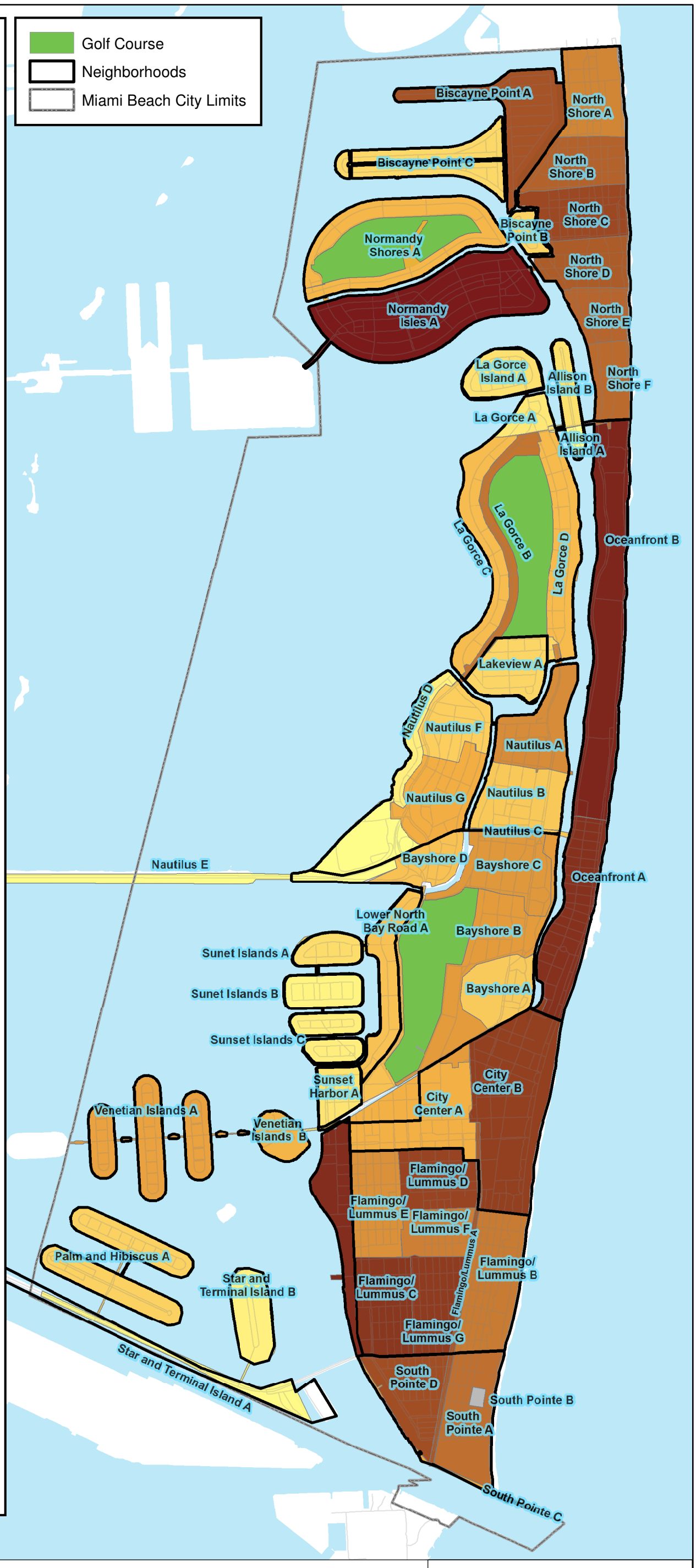
0 0.5 1 Mile

Legend

Prioritized Design Criteria Packages (Normalized by Population Served)

1. Normandy Isles A
2. Oceanfront B
3. West Avenue and Bay Road A
4. Oceanfront A
5. Flamingo/Lummus C
6. Flamingo/Lummus G
7. City Center B
8. Flamingo/Lummus D
9. North Shore C
10. South Pointe D
11. Biscayne Point A
12. Flamingo/Lummus A
13. North Shore D
14. North Shore B
15. North Shore E
16. North Shore F
17. South Pointe A
18. La Gorce B
19. Flamingo/Lummus B
20. Flamingo/Lummus F
21. North Shore A
22. Nautilus A
23. Flamingo/Lummus E
24. Bayshore C
25. Bayshore B
26. Venetian Islands A
27. South Pointe C
28. Nautilus G
29. City Center A
30. Venetian Islands B
31. Normandy Shores A
32. La Gorce D
33. La Gorce C
34. Lower North Bay Road A
35. Bayshore D
36. Nautilus B
37. Nautilus C
38. Bayshore A
39. Nautilus F
40. Palm and Hibiscus A
41. Biscayne Point B
42. Lakeview A
43. Biscayne Point C
44. Sunset Islands A
45. Allison Island B
46. La Gorce Island A
47. Sunset Harbor A
48. La Gorce A
49. Nautilus D
50. Sunset Islands C
51. Star and Terminal Island B
52. Sunset Islands B
53. Allison Island A
54. Star and Terminal Island A
55. Nautilus E
56. South Pointe B

Golf Course
Neighborhoods
Miami Beach City Limits



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City of Miami Beach

Design Criteria Packages
Prioritized by Flood Risk with Water & Sewer
(Normalized by Population Served)

0 0.5 1 Mile