



VIRGINIA KEY CONSENSUS MASTER PLAN

JULY 2010



**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

**Existing
Conditions**



JULY 2010

- **STAKEHOLDER INTERVIEW PROCESS,**
January 18-22, 2007
- **PUBLIC MEETING #1: SITE INVENTORY AND ANALYSIS,**
March 29, 2007
- **PUBLIC MEETING #2: COMMUNITY WORKSHOP AND CONSENSUS BUILDING,**
June 20, 2007
- **PUBLIC MEETING #3: PRELIMINARY MASTER PLANNING,**
August 26, 2008
- **PUBLIC MEETING #4: VIRGINIA KEY MASTER PLAN,**
May 20, 2009
- **WATERFRONT ADVISORY BOARD,**
June 9, 2009
- **PLANNING ADVISORY BOARD,**
June 17, 2009
- **WATERFRONT ADVISORY BOARD,**
October 5, 2009
- **CITY COMMISSION**
October 8, 2009



**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

**Public
Consensus
Building**

**October 5, 2009
Waterfront Advisory Board**

MOTION

To accept the Virginia Key Master Plan as presented with the following additions and inclusions:

- Welcome Center on the Marine Stadium site and restoration of Marine Stadium.
- A transportation plan to and from the Marine Stadium, Park and Passive use areas.
- No Hotel or Hotels on site.
- Inclusion of one or two of the identified Boat Ramps included in the Master Plan.
- Re- inclusion of the BMX and Mountain Bike trails.
- Creation of an Implementation Committee.
- Cleaning up the landfill and examine possible leaking from the site into the bay.
Proper remediation.
- Increase the buffer areas between nature areas (i.e. mangrove) and the proposed playing fields.
- Historic Virginia Key Beach continued restoration.

**October 8, 2009
City Commission**

MOTION

To defer Item PZ.1 to the first scheduled City Commission meeting in May 2010.

- Immediately allow a mountain bike facility on North Point,
- Immediately move forward with the remediation of the landfill and utilize the \$45 million in Miami-Dade County funds for same, and
- To ensure the Virginia Key Beach Park Trust has the flexibility in its efforts to construct, operate, or maintain the proposed Civil Rights Museum complex and any other facilities as the Trust may deem necessary in order for the Museum to survive



**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

**Waterfront
Advisory
Board
and
City
Commission
Action**

Public Consensus Building and Project Schedule following City Commission Deferral on October 8, 2009



VIRGINIA KEY CONSENSUS MASTER PLAN

Public Consensus Building and Project Schedule

- **December 10, 2009-** First Workshop at Lummus Park with UEL
- **January 14, 2010-** Second Workshop at Lummus Park with UEL
- **February 3, 2010-** Mountain Bike Course Layout at North Point site
- **February 11, 2010-** Discussion Item at City Commission. Deferral to July 22, 2010.
- **March 27, 2010-** Dade Heritage Trust and Virginia Key Public Planning Coalition presentations at Rusty Pelican & design workshop at VKBPT offices
- **April 27, 2010-** City and County Commissioners / Staff / UM at City Hall
- **May 4, 2010-** Final UM Studio presentations by architecture students
- **May 5, 2010-** Meeting with UM / UEL / City Administration at Mayor's Office
- **July 1, 2010-** Meeting at County Public Works Department (Basin Area Plan)
- **July 13, 2010-** Waterfront Advisory Board
- **July 15, 2010-** Parks Advisory Board
- **July 21, 2010-** Planning, Zoning and Appeals Board
- **July 22, 2010-** City Commission Meeting

SUSTAINABILITY CRITERIA

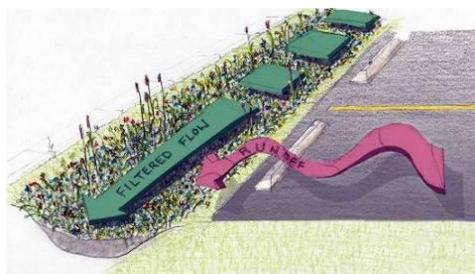


VIRGINIA KEY CONSENSUS MASTER PLAN

Sustainability Criteria

1. Structures to follow USGBC's LEED Criteria for environmental sustainability standards
2. Use of Best Management Practices for stormwater management
 - permeable surfaces for trails, parking areas, and roadways,
 - bioswales/raingardens,
 - green roofs and rain cisterns for runoff collection, etc)

3. Use of onsite renewable energy resources (i.e. wind, sun, rain, etc)
4. Use of reclaimed water from Sewage Treatment Plant for irrigation and other non-potable water needs
5. Conservation of ecologically-sensitive areas with some opportunities for environmental education
6. Encouraging use of biking and pedestrian circulation through extensive island-wide trails
7. Reuse of brownfields and landfill area for green recreational opportunities
8. Use of environmentally-friendly products and practices for maintenance of parks and recreation areas





**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

NOTE:
This is a Conceptual Plan. Site elements such as parking garage, marina design and surface parking area locations may change.



VIRGINIA KEY NORTH POINT



VIRGINIA KEY CONSENSUS MASTER PLAN

North Point Existing Conditions

60.3 acres



SCALE 1 inch = 100 ft

0 50 100 200 Feet



VIRGINIA KEY CONSENSUS MASTER PLAN

North Point Park

LAND USE SUMMARY

Mountain biking: 33.12 acres (54.9%)
Eco Campground: 3.36 acres (5.6%)
Information Center/restrooms: 0.02 acres (0.03%)
Playground/Biker's wash down: 0.72 acres (1.19%)
Pervious parking: 1.08 acres (1.79%)
Hammock/trails/beach: 22.0 acres (36.49%)

TOTAL NORTH POINT: 60.3 acres (100%)



LEGEND

1. Mountain Bike Trails
2. Eco Campground
3. Biker's wash down area
4. Information Center with Restrooms
5. Pervious parking (100 spaces)
6. Enhanced public beach
7. Future upland habitat restoration
8. Restored mangroves
9. Bill Sadowski Nature Preserve
10. Miami-Dade WASA Treatment Plant
11. Observation opportunities
12. Perimeter Multiuse Nature Trails
13. Coastal Hammock



GRAPHIC SCALE



JULY 2010



LEGEND

1. Renovated Boat Launch with Canoe/Kayak Rentals and Food Concessions. (Existing to be improved)
2. Elevated Boardwalks with Environmental Educational Signage. (Existing to be improved)
3. Existing Parking to be improved with bio-swales and pervious pavement.
4. Beach Pavilion and Facilities Building, Playground/Tot-lot, Beach Volleyball Courts, and Public Picnic Area (Existing to be improved)
5. Enhanced Existing Public Beach Area and Trails
6. Coastal Hardwood Hammock Restoration Area with Enhanced Interpretive Trail System with Environmental Education Opportunities (minor improvements and additions to existing trails)
7. Public Restrooms and Shelter Building (Existing to be improved)



VIRGINIA KEY CONSENSUS MASTER PLAN

Shrimper's Lagoon, Public Beach and Coastal Hardwood Hammock Restoration



JULY 2010



**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

**Landfill
Existing
Conditions**

116.5 acres



JULY 2010

LAND USE SUMMARY

Sport Fields: 19.9 acres (17%)
Pervious Parking: 2.2 acres (1.8%)
Recreation Center & Restrooms: 0.5 acres (0.5%)
Open Meadow: 9.0 acres (7.7%)
Mangroves & Hammock: 85.0 acres (73%)

TOTAL LANDFILL: 116.5 acres (100%)



VIRGINIA KEY CONSENSUS MASTER PLAN

Landfill Park

LEGEND

1. Softball / Little League (4 fields)
2. Soccer / Football (4 fields)
3. Tennis (4 courts)
4. Existing / restored mangroves
5. Batting Cage
6. Open Meadow
7. Recreation Center
8. Playground
9. Pervious parking (160 spaces)
10. Restrooms
11. Coastal Hammock / Nature Trails
12. Existing parking along Arthur Lamb Road



GRAPHIC SCALE



JULY 2010

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GRAPHIC SCALE
50 0 100 200

JULY 2010



**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

**BILL SADOWSKI
CRITICAL WILDLIFE
AREA:
ENVIRONMENTAL
EDUCATIONAL
TRAILS**



JULY 2010



West Lake Park, Florida



Park, Broward County, Florida



**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

**Bill Sadowski
Critical Wildlife
Area:**

**Environmental
Educational
Trails**



JULY 2010



**VIRGINIA KEY
CONSENSUS
MASTER PLAN**

**Basin Area
Properties
Existing
Conditions**

42.2 acres

**RICKENBACKER
MARINA**

**RUSTY PELICAN
RESTAURANT**

**MIAMI MARINE
STADIUM & PARKING**

**MIAMI ROWING CLUB
AND SWIM GYM**

MAST ACADEMY

**DRY-STACK BOAT
STORAGE**



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Basin Area Properties

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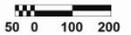
**VIRGINIA KEY
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**Transportation
Plan**

1. Bus Route Service
2. Water Transit Service
3. Solar Powered Tram
4. Green Parking



GRAPHIC SCALE



JULY 2010