

MIAMI BEACH

Sustainability Resiliency Committee Meeting

Commission Chamber

March 14, 2018 - 10:00 AM

Commissioner Micky Steinberg, Chair

Commissioner John Elizabeth Aleman, Vice-Chair

Commissioner Ricky Arriola, Member

Commissioner Mark Samuelian, Alternate

Elizabeth Wheaton, Liaison

DISCUSSION ITEMS

1. DISCUSSION REGARDING HOW GREEN INFRASTRUCTURE INCLUDING LIVING OR HYBRID SHORELINES CAN COMPLEMENT GREY INFRASTRUCTURE IN OUR CLIMATE ADAPTATION ON-GOING WORK
Commissioner Micky Steinberg
Elizabeth Wheaton, Director of Environment and Sustainability
Item C4N - April 13, 2016 Commission Meeting
2. DISCUSSION ON STORMWATER BEST MANAGEMENT PRACTICES
Commissioner Micky Steinberg
Margarita Wells, Assistant Director of Environment and Sustainability
Item C4U - June 8, 2016 Commission Meeting
3. DISCUSSION ON THE SEAWALL COALITION MEMBERSHIP FOR THE CITY OF MIAMI BEACH
City Manager's Office
Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer
Item C4H - January 17, 2018 Commission Meeting
4. REFERRAL TO THE SUSTAINABILITY AND RESILIENCY COMMITTEE REGARDING PARKING INCENTIVES FOR "SMARTWAY" (ILEV - INHERENTLY LOW EMISSION) VEHICLES
Commissioner Micky Steinberg
Saul Francis, Parking Director
Item C4I - January 17, 2018 Commission Meeting
5. DISCUSSION ON ENSURING MIAMI BEACH SPECIAL EVENTS ADHERE TO ENVIRONMENTALLY FRIENDLY GUIDELINES AND PROCEDURES.
Commissioner Michael Gongora
Eva Silverstein, Tourism, Culture, and Economic Development Director
Item C4J - January 17, 2018 Commission Meeting
6. DISCUSSION TO CONSIDER CITY-FUNDED SWALE TREE MAINTENANCE
Commissioner John Elizabeth Aleman
Eric Carpenter, Assistant City Manager/Public Works Director
Item C4P - March 7, 2018 Commission Meeting

REPORTS

7. SUSTAINABILITY COMMITTEE
Dave Doeblar, Chair

8. REVIEW OF RESILIENCE STRATEGY WORKPLAN - PLANNED AND IN PROGRESS RESILIENCY PROJECTS

Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer

MIAMI BEACH

Item 1.

COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **DISCUSSION REGARDING HOW GREEN INFRASTRUCTURE INCLUDING
LIVING OR HYBRID SHORELINES CAN COMPLEMENT GREY
INFRASTRUCTURE IN OUR CLIMATE ADAPTATION ON-GOING WORK**

RESPONSIBLE DEPARTMENT:

Elizabeth Wheaton, Director of Environment and Sustainability

LEGISLATIVE TRACKING:

Item C4N - April 13, 2016 Commission Meeting

SPONSORED:

Commissioner Micky Steinberg

Analysis

VERBAL REPORT AT COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

No Attachments Available

MIAMI BEACH

Item 2.
COMMITTEE MEMORANDUM

TO: Sustainability and Resiliency Committee

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **DISCUSSION ON STORMWATER BEST MANAGEMENT PRACTICES**

RESPONSIBLE DEPARTMENT:

Margarita Wells, Assistant Director of Environment and Sustainability

LEGISLATIVE TRACKING:

Item C4U - June 8, 2016 Commission Meeting

SPONSORED:

Commissioner Micky Steinberg

Analysis

VERBAL REPORT AT COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

No Attachments Available

MIAMI BEACH

Item 3.
COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **DISCUSSION ON THE SEAWALL COALITION MEMBERSHIP FOR THE CITY OF MIAMI BEACH**

RESPONSIBLE DEPARTMENT:

Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer

LEGISLATIVE TRACKING:

Item C4H - January 17, 2018 Commission Meeting

SPONSORED:

City Manager's Office

Analysis

VERBAL REPORT AT COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

No Attachments Available

MIAMI BEACH

Item 4.
COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **REFERRAL TO THE SUSTAINABILITY AND RESILIENCY COMMITTEE
REGARDING PARKING INCENTIVES FOR "SMARTWAY" (ILEV - INHERENTLY
LOW EMISSION) VEHICLES**

RESPONSIBLE DEPARTMENT:

Saul Francis, Parking Director

LEGISLATIVE TRACKING:

Item C4I - January 17, 2018 Commission Meeting

SPONSORED:

Commissioner Micky Steinberg

BACKGROUND:

Please refer to Consent Agenda Item No. C4I (attached) from the January 17, 2018, City Commission meeting.

Analysis

CONCLUSION:

ATTACHMENTS:

Description	Type
□ Attachment: Item C4I	Memo

MIAMI BEACH

COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
FROM: Jimmy L. Morales, City Manager
DATE: March 14, 2018

SUBJECT: REFERRAL TO THE SUSTAINABILITY AND RESILIENCY COMMITTEE REGARDING PARKING INCENTIVES FOR "SMARTWAY" (ILEV - INHERENTLY LOW EMISSION) VEHICLES.

RECOMMENDATION

The Administration recommends the Mayor and City Commission approve a referral to the Sustainability and Resiliency Committee (SRC) to discuss parking incentives for "Smartway" vehicles.

ANALYSIS

Since 2007, the City has developed and codified parking incentives for ILEV (Inherently Low Emission Vehicles) which are classified by the EPA (Environmental Protection Agency) as "Smartway" vehicles. These are as follows:

Sec. 106-55. - Parking rates, fees, and penalties; exceptions.

(n) *Smartway vehicles incentive.* The Smartway program will use the state ILEV list; EPA (Environmental Protection Agency) "Smartway" designation; and allow all street legal electric vehicles to qualify for participation in the program. Incentives to be offered to qualified and registered vehicle owners include:

- (1) Monthly parking permit holders for all facilities will be afforded a 50-percent discount on the monthly rate.
- (2) Residential permit holder in all designated zones shall receive a 50-percent savings on either their annual or semi-annual residential permit.
- (3) Five hundred city-wide parking decals, honored at metered spaces only, shall be available only to state-registered Smartway vehicles; vehicles receiving an EPA (Environmental Protection Agency) "Smartway" designation; and all street legal electric vehicles on a first-come, first-served basis. The cost of the Smartway city-wide decal is \$100.00 per year. (4) Two percent of the parking spaces at the 42nd Street Municipal Parking garage may be designated as "Smartway Vehicle Parking Only" for use by recognized Smartway vehicles. One percent of the parking spaces at the 7th Street garage and 13th Street garage may be designated as "Smartway Vehicle Parking Only" for use by recognized Smartway vehicles. Notwithstanding the preceding sentence, the city manager or his designee, who shall be the city's parking director, reserves the right, in his reasonable business judgment and discretion, to temporarily suspend the aforesaid "Smartway Vehicle Parking Only" during special events in order to ensure maximum utilization of all parking spaces.
- (4) Two percent of the parking spaces at the 42nd Street Municipal Parking garage may be designated as "Smartway Vehicle Parking Only" for use by recognized Smartway vehicles. One percent of the parking spaces at the 7th Street garage and 13th Street garage may be designated as "Smartway Vehicle Parking Only" for use by recognized Smartway vehicles. Notwithstanding the preceding sentence, the city manager or his designee, who shall be the city's parking director,

reserves the right, in his reasonable business judgment and discretion, to temporarily suspend the aforestated "Smartway Vehicle Parking Only" during special events in order to ensure maximum utilization of all parking spaces.

(o) *Resident scooter and motorcycle permits.* Annual scooter and motorcycle parking permits are available for a fee of \$100.00 per scooter or motorcycle for Miami Beach residents who are registered with the State of Florida as the scooter or motorcycle owner. The permit will be honored at all designated scooter and motorcycle municipal metered parking spaces.

Currently, the incentive allotting 500 citywide parking permits at \$100, annually (see No. 3 above) has been triggered. In the interim, a waiting list has been established and if the number of users drops below 500 (currently at 503 as of January 2, 2018), those on the waiting list will be able to participate, accordingly.

The Administration is seeking direction regarding: (1) increasing the allotment beyond 500 citywide parking permits in order to continue providing this incentive; (2) if approved, establishing new thresholds triggering future reviews and adjustments; and (3) potentially increase the annual citywide parking permit fee.

CONCLUSION

The Administration recommends the Mayor and City Commission approve a referral to the Sustainability and Resiliency Committee (SRC) to discuss parking incentives for "Smartway" vehicles.

Legislative Tracking

Parking

Sponsor

Commissioner Micky Steinberg

MIAMI BEACH

Item 5. COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **DISCUSSION ON ENSURING MIAMI BEACH SPECIAL EVENTS ADHERE TO ENVIRONMENTALLY FRIENDLY GUIDELINES AND PROCEDURES.**

RESPONSIBLE DEPARTMENT:

Eva Silverstein, Tourism, Culture, and Economic Development Director

LEGISLATIVE TRACKING:

Item C4J - January 17, 2018 Commission Meeting

SPONSORED:

Commissioner Michael Gongora

BACKGROUND:

At the January 17, 2018 Commission Meeting, an item was referred to the Sustainability and Resiliency Committee to discuss special events adhering to environmentally friendly procedures.

Analysis

As of January 2018, Tourism, Culture and Economic Development (TCED) has begun the process of updating our special event permitting guidelines -- which have not seen a holistic update since 2003. As part of this process, TCED and the Environment & Sustainability Department have already begun identifying opportunities to enhance the environmental protections and sustainability requirements within the special event permit requirements, including enhancing green purchasing standards. One notable early recommendation is streamline the permit application process through submitting applications in the Citizen Action Portal. This will allow multiple departments to review the application online, reducing the number of in person approvals required by the applicant.

Current special event permitting procedures require all event producers to adhere to the following environmental standards:

1. Event producers must present an approved comprehensive sanitation and recycling plan inclusive of all trash removal and single stream recycling.
2. Required sand sifting and restoration of any beach, park, sod or public space used by the event in accordance with state and county guidelines for sea turtle protection.
3. Styrofoam, glass, plastic straws, and flip top bottles are all prohibited for all events on public property.
4. Prohibited activities include any trenching or excavating on the beach, in city parks or any other public right of way locations
5. Events are required to put in place protective measures to avoid any type of leakage, seepage of liquids or chemicals, debris, or any foreign substance. Secondary containment is required when there presents a potential for spills.

Should TCED encounter a violation of any permitting requirements, the protocol is to immediately inform the event producer; suggest corrective measures and mitigation; and if needed, inform Code Compliance to assess whether a violation is warranted. All special events are monitored by the TCED field monitors during load-in, event duration, and load-out to ensure compliance with all permit requirements. Additionally, community outreach sessions are held prior to each event permit approval to discuss in great detail the impacts of the event on the city, and to underline our city's ethos of environmental responsibility.

Each special event permit is reviewed by all city departments, including the Environment & Sustainability Department.

CONCLUSION:

TCED is working with all relevant city departments on a comprehensive update to the special event permitting process and event guidelines. Once the draft special event guidelines are complete, it will be brought before the Commission for review and approval.

ATTACHMENTS:

Description

Type

No Attachments Available

MIAMI BEACH

Item 6.

COMMITTEE MEMORANDUM

TO: Sustainability Resiliency Committee Meeting

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **DISCUSSION TO CONSIDER CITY-FUNDED SWALE TREE MAINTENANCE**

RESPONSIBLE DEPARTMENT:

Eric Carpenter, Assistant City Manager/Public Works Director

LEGISLATIVE TRACKING:

Item C4P - March 7, 2018 Commission Meeting

SPONSORED:

Commissioner John Elizabeth Aleman

Analysis

VERBAL REPORT AT COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

No Attachments Available

MIAMI BEACH

Item 7.

COMMITTEE MEMORANDUM

TO: Sustainability and Resiliency Committee

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **SUSTAINABILITY COMMITTEE**

RESPONSIBLE DEPARTMENT:

Dave Doeblen, Chair

Analysis

REPORT OF THE FEBRUARY 21, 2018 SUSTAINABILITY COMMITTEE MEETING.

ATTACHMENTS:

Description

Type

□ Attachment: Minutes 02.27.18

Other

Sustainability Committee Chairperson

David Doebler – Appointed by Commissioner Micky Steinberg

Members of the Sustainability Committee

Jeremy Waks- Appointed by Mayor Dan Gelber

David Doebler – Appointed by Commissioner Micky Steinberg

Mohammed Islam - Appointed by Commissioner Mark Samuelian

Luiz Rodrigues- Appointed by Commissioner Michael Góngora

Richard Conlin – Appointed by Commissioner Kristen Rosen-Gonzalez

Mike Gibaldi - Appointed by Commissioner Ricky Arriola

Max Litt - Appointed by Commissioner John Elizabeth Alemán

DATE: February 27, 2018

SUBJECT: Meeting of the Sustainability Committee

A meeting of the Sustainability Committee has been scheduled for Tuesday, February 27, 2018 at 3:00 p.m. in the City Manager's Large Conference Room, 4th Floor, City Hall.

The attendees were as follows: Dave Doebler, Jeremy Waks, Mohammed Islam, Luiz Rodrigues, Richard Conlin, Mike Gibaldi, and Max Litt

City Staff: Flavia Tonioli, Sustainability Manager; Yanira Pineda, Sustainability Specialist; and Alyssia Berthoumieux, Sustainability Specialist.

Members Absent:

1. Minutes

MOTION: Approve minutes of the December 12, 2017 and January 30, 2018 Sustainability Committee meeting. Motion made by Mike Gibaldi, seconded by Richard Conlin.

2. SRC Review

Ms. Flavia Tonioli, Sustainability Manager, gave a brief summary of all the items that were discussed at the February 21, 2018 Sustainability and Resiliency Committee. As part of the summary, she explained city staff is looking into obtaining sub-meters for certain city facilities to allow for better data collection on energy consumption. Ms. Tonioli added that obtaining the correct data will allow for deficiencies to be addressed and could assist with understanding the type and amount of renewable energy source which could be used in the city. Mr. David Doebler inquired on whether the sub-meters would delay ongoing retrofits. Ms. Tonioli explained the sub-meters would be a supplemental measure and would not impact plans for retrofits. **MOTION:** Motion to support the Environment & Sustainability and Property Management Departments' request for sub-meters for municipal buildings in order to be able to track energy consumption; while continuing to explore quick-win retrofits, such as ultra-low flow plumbing fixtures and occupancy sensors for City Hall. Motion made by Mike Gibaldi, seconded by Luiz Rodrigues.

3. Sustainability Committee Work Plan

a. Old Business

i. **Miami-Dade County Resolutions**

Mr. Doeblar explained to the committee that two resolutions were passed by Miami-Dade County. The first was to ban un-encapsulated docks throughout the county. The other resolution was the creation of the Biscayne Bay Task Force to help with improving the current state of the bay and the declining sea grass population.

b. New Business

i. **Chairperson Selection.** The Sustainability Committee voted for Mr. David Doeblar as the Chairperson of the Committee. **MOTION:** Vote on selecting Dave Doeblar as Chairperson for the Sustainability Committee Meeting. Motion made by Mike Gibaldi, seconded by Jeremy Waks.

ii. **2018 Discussion Items and Agenda**

Mr. Doeblar led a discussion to identify the top items to be discussed for the 2018 committee agenda. The top 10 topics voted on include:

1. Stormwater Output, Water Quality, And Gratings
2. Straw Ban
3. Renewable Energy Pilot Program
4. Artificial Reefs For Dive Destinations
5. Increased Sustainability Committee Engagement
6. Increased Recycling And Labeling On Beach
7. Recycling At Monument Island/Sponsored Can Crusher
8. Reduce Single Use Plastic At Special Events
9. Water Conservation/Reuse
10. Living Shoreline Project Support

Topics will be paired with similar discussions if applicable and based on staff availability. Mr. Doeblar added that topics could come up throughout the year and might be added to monthly discussions.

iii. **Recycling Program Overview**

Deferred to March Meeting.

4. Public Comment

a. None

5. Next Meeting

a. March 27, 2018

MIAMI BEACH

Item 8.

COMMITTEE MEMORANDUM

TO: Sustainability and Resiliency Committee

FROM: Jimmy L. Morales, City Manager

DATE: March 14, 2018

SUBJECT: **REVIEW OF RESILIENCE STRATEGY WORKPLAN - PLANNED AND IN
PROGRESS RESILIENCY PROJECTS**

RESPONSIBLE DEPARTMENT:

Susanne Torriente, Assistant City Manager/ Chief Resiliency Officer

Analysis

VERBAL REPORT AT COMMITTEE MEETING.

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