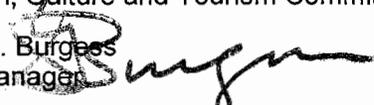


Memorandum



Date: January 11, 2010

To: Honorable Javier D. Souto and Members
Recreation, Culture and Tourism Committee

From: George M. Burgess
County Manager 

Subject: Report on Bicycle Boulevard Study

Supplement to
Agenda Item No. 8(C)

The following is provided in response to the request of the Recreation, Culture and Tourism Committee, May 11, 2009, to provide the Committee with an update on the Bicycle Boulevard Study and a description with visual aids to illustrate its function.

Commissioner Rolle and Edmonson asked MDPR to look at trail opportunities in their respective districts. The Board passed a resolution on May 8, 2007 (attachment A) that directed the County Manager to conduct a feasibility study to discuss and identify potential funding sources for the development of greenways and bicycle trails in District 2.

MDPR applied for a Unified Planning Work Program Grant (UPWP) through the Metropolitan Planning Organization (MPO) and was awarded a grant of \$85,000 for a Bicycle Boulevard Planning Study on November 25, 2008. The study is on track following the typical MPO timeline for planning studies with anticipated completion of final report February, 2010. The results of the Bicycle Boulevard Study will be integrated into the County Greenway and Trail Network.

The Bicycle Boulevard Study looks at ways to connect neighborhood streets to the greater system of bicycle lanes, shared streets and off-street trails that make up the County's Bicycle Network. The goal is to create a variety of options for different types of cyclists and their needs. The scope of work for this study encompasses ways to improve bicycling in a built-out area of the County between SW 87 St. and S.R. 112 to NW 10 Ave. and NW 33 Ave. that has an extensive grid network of streets that lacks opportunities for the development of more traditional greenways or off-street (multi-use) trails.

The results of this pilot study will be transferrable to other areas of Miami-Dade County. The study is complimentary to the Parks and Open Space System Plan and the County Greenway Network.

A bicycle boulevard is a hybrid facility that makes bicycling a preferred option through a variety of improvements on local low volume (i.e., less than 3,000 vehicles per day) service streets and neighborhood collector streets. Bicycle boulevards enhance travel through various engineering and regulatory tools such as:

- Pavement markings
- Traffic calming
- Motor vehicle diversion
- Signage

Bicycle boulevards are low-volume and low-speed streets that have been optimized for bicycle travel with devices such as traffic calming and traffic reduction, signage and pavement markings, and intersection crossing treatments. Bicycle boulevards allow through movements for cyclists while discouraging similar through trips by non-local motorized traffic. Bicycle boulevards are accomplished by five principal issues:

1. Motor vehicle volumes
2. Motor vehicle speeds
3. Free-flow for cyclists
4. Ease of crossing arterial intersections
5. Wayfinding

Please find attached a map of the study area (Attachment 1) and a graphic illustration of typical bicycle boulevard tools (Attachment 2), bicycle boulevard signage in Berkeley, CA (Attachment 3), and a bicycle turn lane in Portland, OR (Attachment 4). The study is expected to be completed by January 2010. A presentation of this update can be made upon request.

Attachments



Alex Muñoz
Assistant County Manager

ATTACHMENT A

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 11(A) (13)
5-8-07

OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

RESOLUTION NO. R-593-07

RESOLUTION DIRECTING COUNTY MANAGER TO CONDUCT A GREENWAYS AND BICYCLE TRAILS FEASIBILITY STUDY TO IDENTIFY PROJECT AREAS IN DISTRICT 2, AND TO IDENTIFY FUNDING SOURCES FOR SUCH STUDY AND FUNDING SOURCES FOR THE DEVELOPMENT OF THE GREENWAYS AND BICYCLE TRAILS

WHEREAS, the Miami-Dade Park and Recreation Department is currently working on plans to connect people to parks, and parks to each other through a Greenway/Bicycle Trail Network that will eventually encompass approximately 500 miles of trails, bicycle paths, and on-road bicycle lanes; and

WHEREAS, the Miami-Dade Park and Recreation Department has identified 34 trails for potential projects in the Greenway/Bicycle Trail Network; and

WHEREAS, the following 6 of those 34 potential trails have already received funding and have been identified as park projects:

Trail	Location
Biscayne Trail	Districts 8 and 9
Black Creek Trail	Districts 8, 9, and 11
Ludlam Trail	District 6 and 7
Miccosukee Trail	District 12
Snake Creek Trail	District 1 and 4
Snapper Creek Trail	Districts 10 and 11

and

WHEREAS, the 6 park projects include planning and acquisition studies, as well as design and construction; and

WHEREAS, none of these 6 park projects are located in District 2; and

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WHEREAS, these projects are scheduled over the next 10-12 years and are funded through various funding sources, including: The Federal Transportation Enhancement Program, as well as Miami-Dade County's Building Better Communities Bond,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board directs the County Manager to conduct a feasibility study to identify potential project areas in District 2 for the Greenway/Bicycle Trail Network and funding sources for such a study. The feasibility study should include an identification and discussion of any potential funding sources for the development of the Greenways and Bicycle Trails in District 2. The findings shall be reported to the Board of County Commissioners within sixty (60) days of the approval of this resolution.

The foregoing resolution was sponsored by Commissioner Dorrin D. Rolle and offered by Commissioner Joe A. Martinez, who moved its adoption. The motion was seconded by Commissioner Dennis C. Moss and upon being put to a vote, the vote was as follows:

	Bruno A. Barreiro, Chairman	aye		
	Barbara J. Jordan, Vice-Chairwoman	aye		
Jose "Pepe" Diaz	absent		Audrey M. Edmonson	aye
Carlos A. Gimenez	aye		Sally A. Heyman	aye
Joe A. Martinez	aye		Dennis C. Moss	aye
Dorrin D. Rolle	aye		Natacha Seijas	aye
Katy Sorenson	aye		Rebeca Sosa	aye
Sen. Javier D. Souto	absent			

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The Chairperson thereupon declared the resolution duly passed and adopted this 8th day of May, 2007. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK



By: KAY SULLIVAN
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Monica Rizo

MEMORANDUM

Agenda Item No. 11(A)(13)

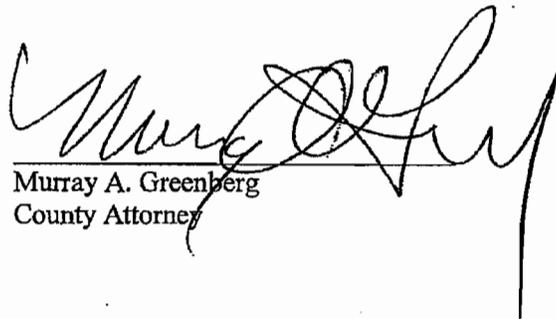
TO: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: May 8, 2007

FROM: Murray A. Greenberg
County Attorney

SUBJECT: Resolution directing County
Manager to conduct a
greenways and bicycle trails
feasibility study to identify
project areas in District 2

The accompanying resolution was prepared and placed on the agenda at the request of
Commissioner Dorrin D. Rolle.



Murray A. Greenberg
County Attorney

MAG/bw

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6



MEMORANDUM

(Revised)

TO: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: May 8, 2007

FROM: Murray A. Greenberg
County Attorney

SUBJECT: Agenda Item No. 11(A)(13)

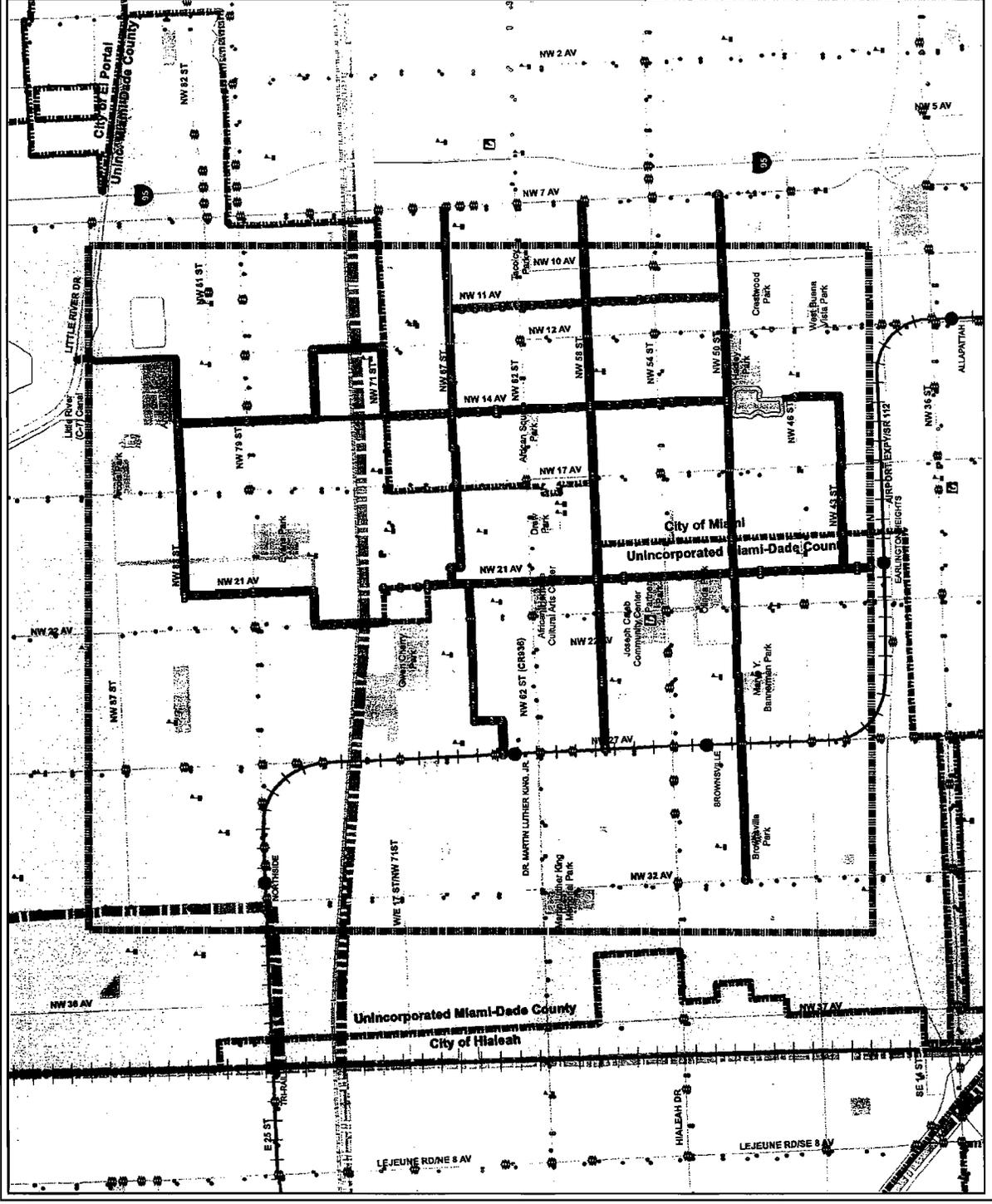
Please note any items checked.

- "4-Day Rule" ("3-Day Rule" for committees) applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Bid waiver requiring County Manager's written recommendation
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- Housekeeping item (no policy decision required)
- No committee review

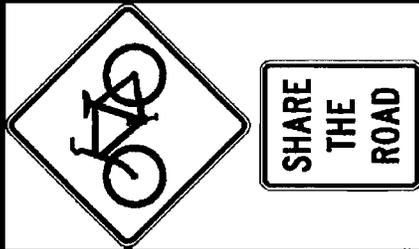
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Commission Districts
2 and 3
Bicycle Boulevard
Planning Study
Figure 6
Study Area Map with
Proposed Bicycle Boulevard
Study Corridors

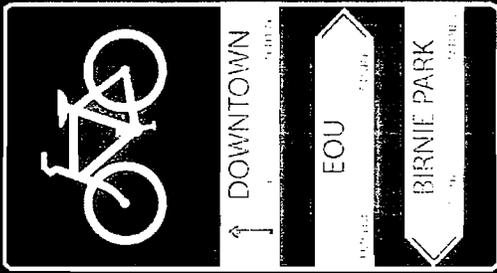
- Legend**
- Study Corridor 1 - NW 21 AVE
 - Study Corridor 2 - NW 14 AVE
 - Study Corridor 3 - NW 43 ST
 - Study Corridor 4 - NW 50 ST
 - Study Corridor 5 - NW 58 ST
 - Study Corridor 6 - NW 67 ST
 - Study Corridor 7 - NW 83 ST
 - Study Corridor 8 - NW 11 AVE
 - Existing Hadley Park Walkway/Trial
 - Possible Connection to Owen Cheney Park
 - Proposed Blue-Ped Bridge 1
 - Proposed Blue-Ped Bridge 2
 - Local Road
 - Greenway Network
 - Metrorail
 - Trail
 - FEC Railroad
 - Signalized Intersection
 - Fourway-stop
 - Two-Way Stop on Slide Street
 - Two-Way Stop on Bicycle Boulevard
 - Bus Stop
 - Library
 - Hospital
 - Schools
 - Metrorail Station
 - Metrorail Station
 - Study Area
 - City Boundary
 - Parks
 - Water
 - Commission District 2
 - Commission District 3



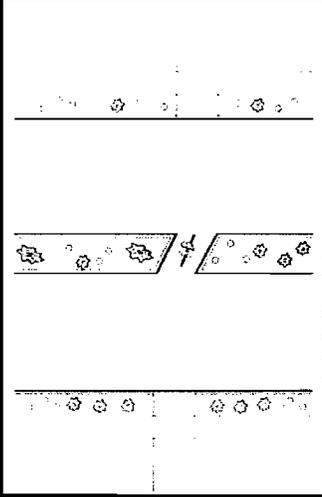
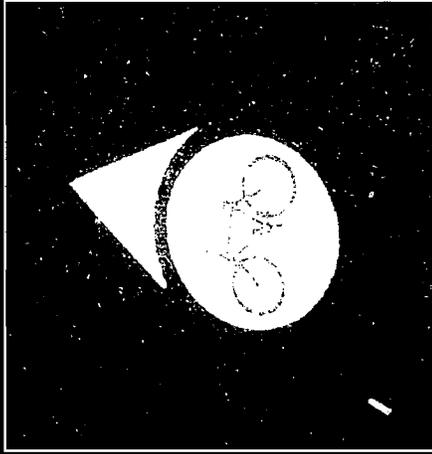
Bicycle Boulevard Tools



Signage



Pavement Markings



Intersection Treatments

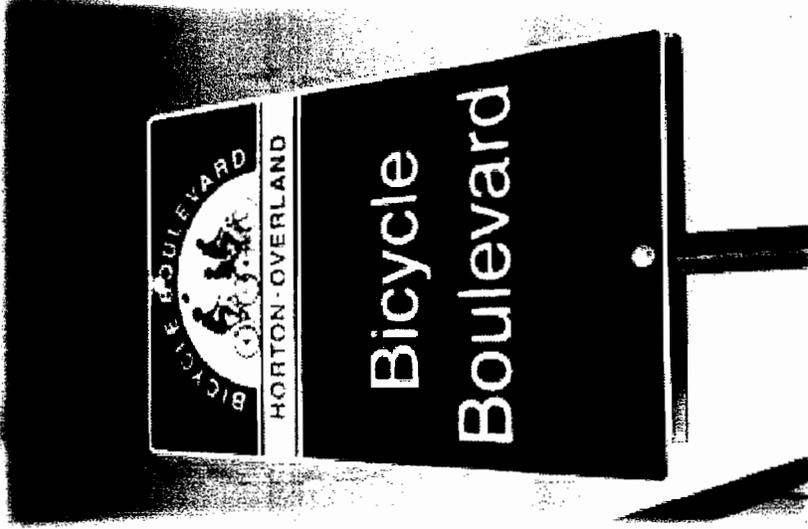


Traffic Calming



Traffic Diversion

Berkeley Bicycle Boulevard



Kimley-Horn
and Associates, Inc.

Bicycle turn lane links bike boulevard "jog"

