



**Transportation Enhancement Program  
2011 Application for FY 14\15 Projects**

**District 4  
Local Programs**

**General Information:**

Project Title: NW/SW 8<sup>th</sup> Avenue Enhanced Pedestrian Solar Lighting

Project Sponsor (municipal, county, state, or federal agency, or tribal council):

City of Hallandale Beach

Contact Person: William Brant, P.E. Title: Director of Utilities and Engineering

Email: Wbrant@cohb.org

Sponsor Address: 630 NW 2<sup>nd</sup> Street, Hallandale Beach, FL 33009

City: Hallandale Beach FL, Zip: 33009

Priority (relative to other applications submitted by the Project Sponsor): 1

Name of Applicant (If other than Project Sponsor):

The applicant  is currently LAP Certified  is not LAP certified

**1 Qualifying Enhancement Activities:**

Check the enhancement activity that the proposed project will address. (NOTE: Checking all activities possible does not ensure or increase eligibility. Each activity checked must meet all criteria listed for that activity in **Appendix A of FDOT Procedure #525-030-300-j, Transportation Enhancement Projects**).

- Provision of facilities for pedestrians and bicycles
- The provision of safety and educational activities for pedestrian and bicyclists
- Acquisition of scenic easements and scenic or historic sites
- Scenic or historic highway programs, (including the provision of tourist and welcome center facilities)
- Landscaping and other scenic beautification
- Historic preservation
- Rehabilitation of historic transportation buildings, structures or facilities (including historic railroad facilities and canals)
- Preservation of abandoned railway corridors (including the conversion and use of the corridors for pedestrian or bicycle trails)
- Inventory, control and removal of outdoor advertising
- Archaeological planning and research
- Environmental mitigation to address water pollution due to highway runoff or reduce vehicle caused wildlife mortality while maintaining habitat connectivity
- Establishment of transportation museums

**2 Project Description: (all items are required)**Road Name: NW/SW 8<sup>th</sup> AvenueRoad number: [Click here to enter text.](#) Local Road State RoadProject Begins: Pembroke Road (SR 824) Ends: SW 11<sup>th</sup> Street (County Line Road)

Begin Project Mile Post (MP):

End Project MP:

 MP is not available A location map with an aerial view is attached (required)

(a) Describe how the proposed project is related to the intermodal transportation system by function, proximity or impact. (One or more may apply)

*The proposed project is located on NW/SW 8<sup>th</sup> Avenue between Pembroke Road (SR 824) and SW 11<sup>th</sup> Street (County Line Road), a major transit corridor of intermodal transportation. This high-transit corridor currently serves pedestrians, bicyclists, bus riders, and motorists. Table 2-4 of the City's 2030 Transportation Master Plan (attached) describes this roadway as a 2-lane City Collector Road. The reason for this determination is many vehicles travelling south or north use this corridor to go from SR 824 (Pembroke Road) to SW 11<sup>th</sup> Street and vice versa instead of utilizing nearby busier State Roads such as I-95 to the west of US-1 to the east. In addition, because the perpendicular streets that intersect with SW/NW 8<sup>th</sup> Avenue are residential neighborhoods, this corridor is highly utilized by pedestrians and bicyclists as a main transit thoroughfare to reach local businesses located on state roads such as Hallandale Beach Blvd. (SR 858) and Pembroke Road (SR 824) as well as to get to nearby parks and schools. Broward County Bus Service and the City of Hallandale Beach Minibus Service both have routes that take place along this corridor, many times dropping off riders during night-time hours. Maps illustrating these bus routes that traverse through this corridor have been attached.*

(b) What is the scope of work for the project and where is the project located (what are the termini)?

 A more detailed scope of work is attached. This is a transit project and a letter of commitment from the FTA designated recipient (transit agency) that will perform the construction is attached. (note: all transit related projects shall be constructed by a FTA designated recipient) This is not a transit project

**The project entails pedestrian enhancements to the NW/SW 8<sup>th</sup> Avenue corridor, as follows:**

**Solar pedestrian lighting implemented adjacent to current sidewalk along corridor.**

**In addition to the aesthetic benefit of additional lighting, the primary purpose of the proposed project is pedestrian safety from increased lighting and visibility for pedestrians. The City believes implementing pedestrian lighting would also serve as a deterrent to possible crimes in an under-represented portion of our City. In addition, as the City strives towards increasing the utilization of environmentally friendly products, the installation of solar pedestrian lighting is the proposed lighting. Attached is an example of a type of pedestrian solar light that could be installed. Implementing solar lighting highly benefits the environment as it does not contribute to global warming.**

**As the attached map depicts, the project is located on NW/SW 8<sup>th</sup> Avenue Corridor, bounded to the south by SW 11<sup>th</sup> Street (County Line Rd.) and to the north by Pembroke Road (SR 824).**

(c) Summarize any special characteristics of project. (Typical Section drawings must be provided for all projects. Include right of way lines on the typical section drawings.)

Typical section is attached

(d) Describe the project's existing right of way ownerships. This description shall identify when the right of way was acquired and how ownership is documented (i.e. plats, deeds, prescriptions, certified surveys, easements).

**All of the proposed solar pedestrian lighting would be installed within the City's right-of-way. There are plats demonstrating these ownerships that date back to the 1950's.**

(e) Describe any proposed right of way acquisition, including expected matching fund source, limitations on fund use or availability, and who will acquire and retain ownership of proposed right of way. \*

No Right-of-Way acquisition is proposed

**No right-of-way acquisition is required for this project. All proposed solar pedestrian lighting would be installed within the City's right-of-way.**

(f) Describe any related project work phases that are already complete or currently underway.

- This is not a phased project  
 Previous phases of this project were constructed as LAP projects or JPA using FM numbers: Click here to enter text.

***There are no work phases that have been completed or currently underway.***

(g) Provide detailed project cost estimate. Estimate should be broken down to FDOT typical pay items to allow for verification of eligible project costs.

- A detailed cost estimate is attached (*Cost\_Estimate.xlsx*)  
 Total Construction cost estimate is: **\$300,000**

(h) Other specific project information that should be considered.

***The project addresses the following criteria:***

- ***Promotes safety through installation of solar pedestrian lighting on a road with currently no pedestrian lighting.***
- ***Provides improvements to an underserved area of the City.***
- ***Demonstrates public support from the City Commission as well as from residents within the community.***
- ***Provides an enhanced aesthetic and environmental-friendly quality of life by implementing solar lighting instead of the traditional hard-wired electrical lighting.***

### **3 Project Implementation Information:**

Attach documentation as exhibits to this application.

(a) Describe the proposed method of performing (i.e. contract or in-house) and administering (i.e. local or state) each work phase of the project. If it is proposed that the project be administered by a governmental entity other than the Department of Transportation, the agency must be certified to administer Federal Aid projects in accordance with the department's ***Local Agency Program Manual (topic no. 525-010-300)***. Web site: [www.dot.state.fl.us/projectmanagementoffice/lap/default.htm](http://www.dot.state.fl.us/projectmanagementoffice/lap/default.htm)

- Design to be conducted by in-house staff  
 Design to be conducted by FDOT pre-qualified Consultant <sup>(1)</sup>  
 Design to be conducted by non-FDOT pre-qualified Consultant  
 Right-of-Way acquisition to be conducted by in-house staff  
 Right-of-Way acquisition to be conducted by FDOT Staff  
 CEI to be conducted by in-house staff  
 CEI to be conducted by FDOT pre-qualified Consultant <sup>(1)</sup>  
 CEI to be conducted by non-FDOT pre-qualified Consultant

(f) All design and CEI work proposed on the State Highway System must be performed by an FDOT pre-qualified consultant.

(b) Describe any public (and private, if applicable) support of the proposed project. (Examples include: written endorsement, formal declaration, resolution, financial donations or other appropriate means).

***The attached resolution demonstrates the commitment of the City Commission of Hallandale Beach to this project. There are also letters attached where organizations within the City of Hallandale Beach highly support the implementation of this safety and aesthetic enhancement.***

(c) Describe the proposed ownership and maintenance responsibilities for the project when it is completed.

***The City of Hallandale Beach will take ownership of all enhancements and improvements once the project is completed. Furthermore, the City will be responsible to maintain all enhancements. The attached resolution confirms the City's agreement to maintain all enhancements.***

(d) Describe source of matching funds and any restrictions on availability.

***The design of this project will be performed in-house by the City's Engineering Division. There are currently no local funds for this project. Although this project is very important to the City of Hallandale Beach, due to its current financial situation, the City has not been able to fiscally commit this project thus far. For this reason, the City is requesting to consider this project through the Transportation Enhancement Program.***

(e) Other specific implementation information that should be considered.

***The City of Hallandale Beach is fully committed to the execution of this project and is prepared to move forward as soon as project is awarded.***

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**4 Cost Estimate:**

FDOT Enhancement Funds will only be used to fund Construction and Construction Engineering and Inspection Activities (CEI). The total amount of Enhancement funds (SE) requested per project must be in excess of \$250,000 with a maximum of \$1,000,000.

Project Cost Estimate: This is total project construction cost estimate including all enhancement related items and any additional scope of work being identified.

Enhancement Fund Allocation:

This is the requested amount of Enhancement funding for the project scope identified in the application.

Item Description	Cost
Total Construction Cost Estimate	\$ 300,000
Cost Estimate of Eligible (participating) items	\$ 300,000

Funding Breakdown	Fund Source	Cost \$
Enhancement funds requested for Construction (phase 52)	SE	\$264,000
Local Funds for Construction (phase 52)	LF	\$ 0
Construction Engineering & Inspection Activities (CEI) (phase 62)	SE	\$30,000
Construction Engineering & Inspection Activities (CEI) (phase 62)	LF	\$ 0
Transit Related projects FTA 10% administrative fees	LF	\$ 0
FDOT Oversight CEI (2% of Construction Cost Estimate) (phase 62)	SE	\$\$6,000

Funding Summary	
Total SE funds	\$ 300,000
Total LF funds	\$ 0
<b>Total Funds</b>	<b>\$ 300,000</b>

**Notes:**

1. Total Enhancement Funds (SE) requested (for all activities) cannot exceed \$1,000,000.
2. Local Funds (LF)
3. FTA administrative fees must be included in LF funds
4. FDOT Oversight CEI must be included in SE funds

### 5 Certification of Project Sponsor

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I hereby certify that the proposed project herein described is supported by City of Hallandale Beach. (municipal, county, state or federal agency, or tribal council) and that said entity will: (1) provide any required funding match; (2) enter into a maintenance agreement with the Florida Department of Transportation; (3) comply with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions required for the project, (4) comply with NEPA process prior to construction, this may involve coordination with the State Historic and Preservation Office (SHPO) prior to construction. (Not at time of application) and (5) support other actions necessary to fully implement the proposed project. I further certify that the estimated costs and/or failure to follow through on the project once programmed in the Florida Department of Transportation's Work program included herein are reasonable. I understand that significant increases in these costs could cause the project to be removed from the Work Program.

\_\_\_\_\_  
Signature

Mark Antonio  
Name (please type or print)

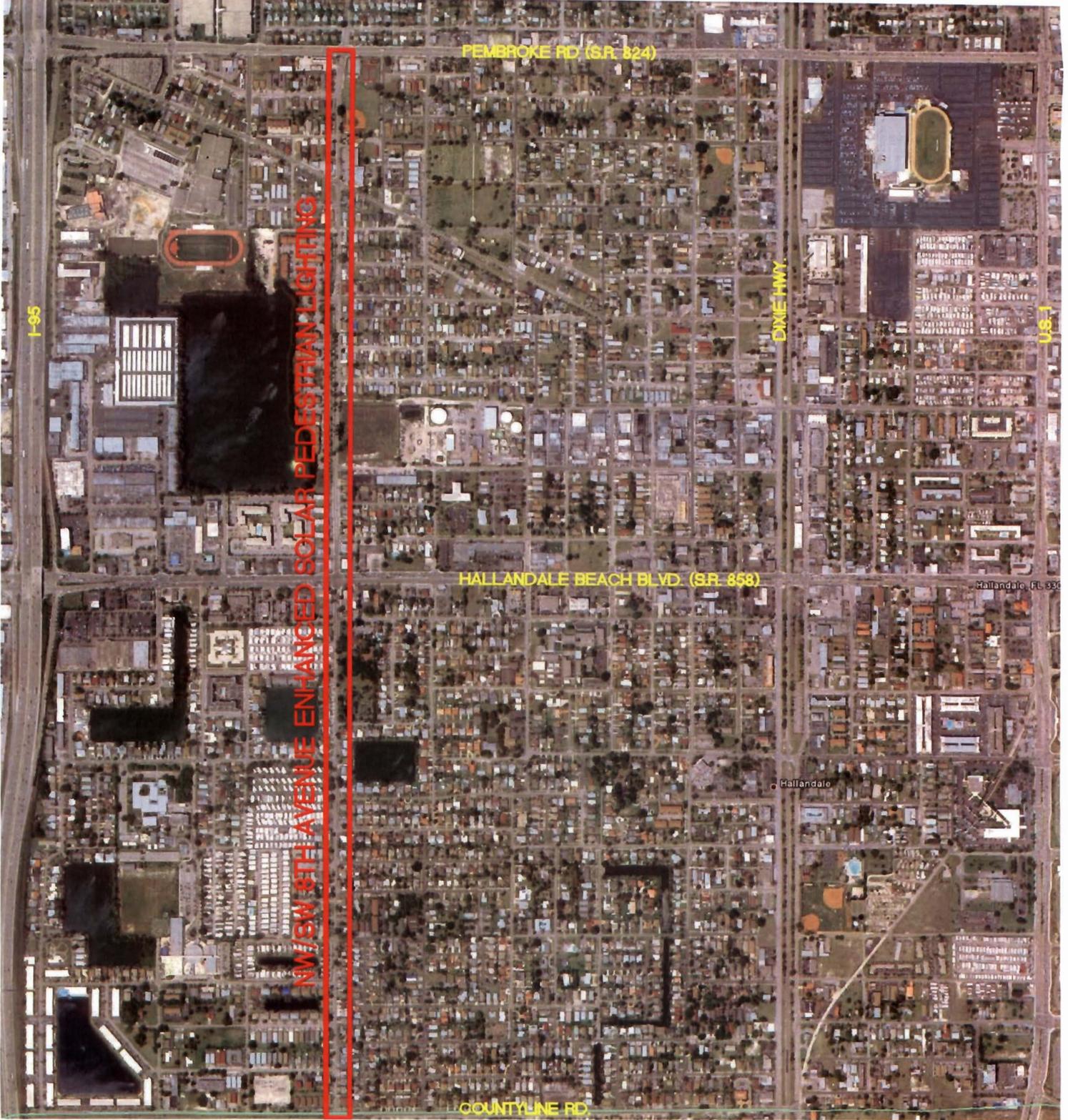
City Manager  
Title

\_\_\_\_\_  
Date

OR FDOT USE ONLY		
Application Complete	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project Eligible	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Implementation Feasible	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Include in Work Program</b>	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>



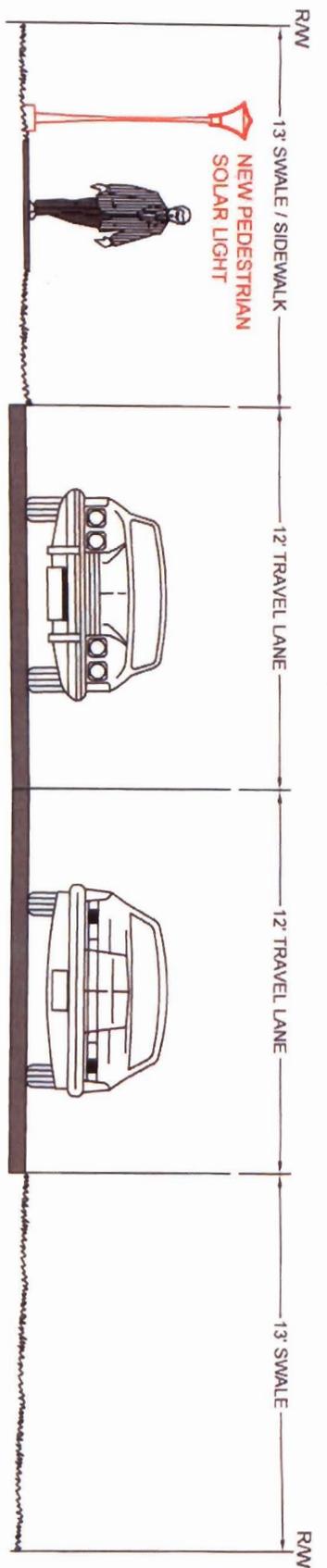
# LOCATION MAP FOR: NW/SW 8TH AVENUE ENHANCED SOLAR PEDESTRIAN LIGHTING



Broward County Bus Route 6  
NW/SW 8<sup>th</sup> Avenue



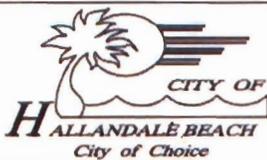
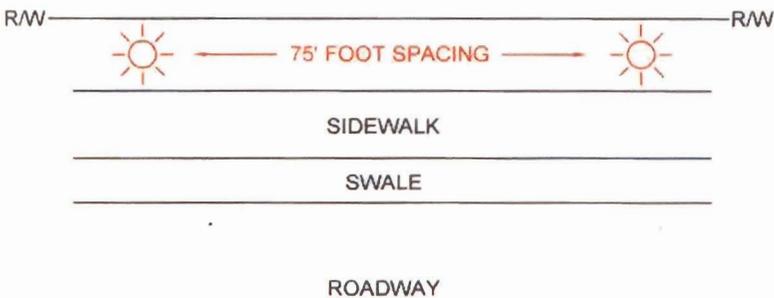




**PO09 SOLAR 'KENSINGTON' LAMP POST / POLE LIGHT TECHNICAL SPECIFICATIONS**

TECHNICAL SPECIFICATIONS:  
 MANUFACTURED IN AN ISO9001:2000 'QUALITY ASSURED' FACILITY.  
 UP TO 12 HOURS ILLUMINATION AT NIGHT.  
 FAIRLY TRADITIONAL STYLE DESIGN.  
 51 SUPER BRIGHT, HIGH OUTPUT CREE® LED BULBS INSIDE THE LAMP SHADE.  
 LIGHT OUTPUT IS WHITE THROUGH A CLEAR POLYCARBONATE LAMP SHADE.  
 HIGH QUALITY, DISCRETE, INTEGRAL, SOLAR CELL PANEL FIXED FLUSH INTO THE TOP OF THE FIXTURE.  
 INCLUDES A 12 VOLT 9 AMP/HR RECHARGEABLE BATTERY (REPLACEABLE) INSIDE THE TOP OF THE LAMP SHADE.  
 AUTOMATIC (ON AT DUSK) OPERATION, CONTROLLED VIA THE SOLAR PANEL.  
 DISCRETE ON/OFF SWITCH FOR MANUAL OVER-RIDE.  
 ALL ALUMINUM CONSTRUCTION.  
 BLACK COLORED FINISH.

SOURCE: COPYRIGHT © 2003- 2010 SOLAR ILLUMINATIONS ®



DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 630 N.W. 2 STREET  
 HALLANDALE BEACH, FL 33009  
 PHONE NO. 954-457-1600  
 FAX: 954-831-0925

**NW 8 AVE PEDESTRIAN LIGHT PLAN DETAILS**



REVITALIZING OUR NEIGHBORHOOD SOCIALLY,  
ECONOMICALLY, AND PHYSICALLY



William Brant, P. E.  
Director of Utilities and Engineering  
City of Hallandale Beach  
630 NW 2<sup>nd</sup> Street  
Hallandale Beach, FL 33009

Dear Mr. Brant:

This letter is written in support of the request for the Transportation Enhancement Grant for the Solar Pedestrian Lighting Project in the Western section of the City. The safety of our residents is always foremost in our minds. The addition of a better quality of lighting in the Southwest and Northwest quadrants of the City would provide higher visibility for pedestrians and it would be an aesthetic improvement to our community.

These are the types of community improvements our Neighborhood Restoration Sub-Committee strives and works diligently to achieve. It is our sincere hope that these requests are seriously considered and the grant is awarded, as we feel, our neighborhood is most deserving.

Please feel free to contact me if you require any additional information or if we may be of further assistance in helping to reach these goals.

Sincerely,

  
Jessica Sanders  
Interim Site Coordinator

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For more information please contact Palms of Hallandale Beach Weed & Seed Offices at

**Administrative Office:**  
750 NW 8th Avenue  
Hallandale Beach, FL 33009  
(954) 457-2993

[palmsweedandseed@bellsouth.net](mailto:palmsweedandseed@bellsouth.net)

**Fiscal Office:**  
City of Hallandale Beach  
400 South Federal Highway  
Hallandale Beach, FL 33009



**Administrative Office:**  
**416 NW 4<sup>th</sup> Avenue**  
Hallandale Beach Fl 33009  
Tel: (954) 457-9292  
Fax: (954) 457-9296  
Email: [ewdchbfl@aol.com](mailto:ewdchbfl@aol.com)

March 24, 2010

William Brant, P.E. Director  
Utilities and Engineering Departments  
City of Hallandale Beach, Florida  
630 NW 2<sup>nd</sup> Street  
Hallandale Beach, Fl 33009

Ref: Transportation Enhancement Grant

Dear Mr. Brant:

This letter serves to support the supplementing of the City of Hallandale Beach, Florida's efforts in securing funding for a **Solar Pedestrian Lighting system in the Southwest and Northwest section of Hallandale.**

Eagle's Wings Development Center understands the need to endorse the Solar Pedestrian Lighting proposal for the safety of the residents in the community. The new Solar Pedestrian Lighting system will enhance the safety, visibility and aesthetics in the community and residents will begin to feel safe while walking at night.

Eagle's Wings Development Center's programs portfolio includes a comprehensive approach to community development through the use of job creation coupled with a broad range of economic improvement plans for the targeted geographic areas. The basic argument is that lack of skills and training can be a major barrier to the revitalization of neighborhoods that are suffering from poverty, through unemployment, and various other social and health dysfunctions. Eagle's Wings solution is to provide ongoing training and education along with supportive services for the unemployed and the under-employed. We do this by assisting the disadvantaged residents in the Palms of Hallandale Beach area with attaining and retaining employment through basic life-skills training, employability skills training, individual career planning, specific vocational training and the development of appropriate jobs within the community.

If Eagle's Wings could be of further assistance please let me know. I can be reach at (954) 457-9292 or email: [ewdchbfl@aol.com](mailto:ewdchbfl@aol.com).

Yours truly,

*Prodesta Moore*

Prodesta Moore  
President & CEO

**Table 2-1: Existing Roadway System Inventory**

Roadway	Segment	Roadway Classification	# of Lanes	Direction of Travel	Median (type)	Posted Speed Limit	Sidewalks	Drainage	On-Street Parking	Bike Lanes	Bus Coverage
Hallandale Beach Blvd.	I-95 to US 1	State Principal Arterial	6	Bi-Directional East-West	Raised Landscaped	40 mph	5 ft.	Curb and Gutter	None	Dixie Hwy to US 1 unmarked lanes	Yes
	US 1 to SR A1A	State Principal Arterial	6	Bi-Directional East-West	Raised Landscaped	35 mph	5 ft.	Curb and Gutter	None	marked lanes	Yes
US 1 (Federal Hwy.)	Miami-Dade/Broward County Line to Hallandale Beach Blvd.	State Principal Arterial	6	Bi-Directional North-South	Raised Landscaped	45 mph	5 ft.	Curb and Gutter	None	marked lanes	Yes
	Hallandale Beach Blvd. to Pembroke Rd.	State Principal Arterial	4	Bi-Directional North-South	Raised Landscaped	35 mph	5 ft.	Curb and Gutter	None	marked lanes	Yes
SR A1A	Miami-Dade/Broward County Line to Hallandale Beach Blvd.	State Principal Arterial	6	Bi-Directional North-South	Raised Landscaped	30 mph	5 ft.	Curb and Gutter	None	Westside south of Hallandale Beach Blvd.	Yes
Pembroke Rd.	I-95 to US 1/Federal Hwy.	State Principal Arterial	4	Bi Directional East West	Painted	35 mph	5 ft.	Curb and Gutter	None	None	Yes
Dixie Highway	Miami-Dade/Broward County Line to Pembroke Rd.	County Collector	4	One-way Southbound	N/A	35 mph	interrupted	Swales	None	None	Yes
NE/SE 1st Ave.	Miami-Dade/Broward County Line to Pembroke Rd.	City Collector	2	One-way Northbound	N/A	30 mph	interrupted	Swales	None	None	Some
NE 14th Ave.	Hallandale Beach Blvd. to NE 10th St.	City Collector	2	Bi Directional North-South	undivided	25 mph	5 ft.	Swales on westside	Diagonal on eastside	None	Yes
Diplomat Pkwy	Hallandale Beach Blvd. to NE 10th St.	City Collector	2	Bi Directional North-South	undivided	25 mph	5 ft.	Swales	None	None	No
Moffet St. (NE 10 <sup>th</sup> St.)	US 1/Federal Hwy to NE 14th Ave.	City Collector	2	Bi Directional East-West	undivided	25 mph	interrupted	Swales	None	None	Yes
Atlantic Shores Blvd. (NE 9 <sup>th</sup> St.)	US 1/Federal Hwy to Diplomat Pkwy.	City Collector	2	Bi Directional East-West	undivided	25 mph	5 ft.	Swales	Diagonal on both sides between NE 12th and NE 14th Sts.	None	Yes
NW/SW 8th Ave.	County Line Rd. to Pembroke Rd.	City Collector	2	Bi Directional North-South	undivided	25 mph	interrupted	Swales	None	None	Yes